

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075106.D
 Acq On : 01 Nov 2022 18:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 07:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	103350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	195139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	184856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	74066	53.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.380%			
35) Dibromofluoromethane	8.171	113	61064	53.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	10.571	98	239813	53.957	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.920%			
62) 4-Bromofluorobenzene	12.847	95	88048	56.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	59261	44.078	ug/l	97
3) Chloromethane	2.371	50	66094	46.282	ug/l	97
4) Vinyl Chloride	2.524	62	93186	45.741	ug/l	96
5) Bromomethane	2.930	94	74372	51.105	ug/l	95
6) Chloroethane	3.112	64	67922	46.494	ug/l	97
7) Trichlorofluoromethane	3.500	101	99493	47.807	ug/l	97
8) Diethyl Ether	3.977	74	37668	49.623	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	55594	48.371	ug/l	99
10) Methyl Iodide	4.594	142	79175	46.273	ug/l	100
11) Tert butyl alcohol	5.541	59	73540	226.458	ug/l	99
12) 1,1-Dichloroethene	4.347	96	51995	47.461	ug/l	98
13) Acrolein	4.194	56	64808	243.988	ug/l	99
14) Allyl chloride	5.036	41	80758	50.473	ug/l	98
15) Acrylonitrile	5.736	53	176151	256.783	ug/l	99
16) Acetone	4.447	43	144632	245.294	ug/l	98
17) Carbon Disulfide	4.718	76	123173	44.709	ug/l	100
18) Methyl Acetate	5.042	43	100133	51.990	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	204825	50.303	ug/l	100
20) Methylene Chloride	5.289	84	62595	47.613	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	58905	49.108	ug/l	98
22) Diisopropyl ether	6.683	45	180735	51.185	ug/l	96
23) Vinyl Acetate	6.612	43	659103	223.532	ug/l	99
24) 1,1-Dichloroethane	6.577	63	111104	49.751	ug/l	100
25) 2-Butanone	7.494	43	238585	257.255	ug/l	99
26) 2,2-Dichloropropane	7.500	77	101050	49.186	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	70352	49.113	ug/l	99
28) Bromochloromethane	7.818	49	48072	51.064	ug/l	98
29) Tetrahydrofuran	7.847	42	158868	265.092	ug/l	99
30) Chloroform	7.977	83	123642	50.993	ug/l	100
31) Cyclohexane	8.265	56	93543	45.167	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	114206	51.868	ug/l	99
36) 1,1-Dichloropropene	8.377	75	89191	50.290	ug/l	99
37) Ethyl Acetate	7.565	43	93321	47.980	ug/l	100
38) Carbon Tetrachloride	8.371	117	99079	50.786	ug/l	99
39) Methylcyclohexane	9.606	83	112880	48.211	ug/l	97
40) Benzene	8.612	78	269506	49.630	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	48510	52.058	ug/l	99
42) 1,2-Dichloroethane	8.677	62	98692	49.954	ug/l	99
43) Isopropyl Acetate	8.694	43	153457	50.865	ug/l	99
44) Trichloroethene	9.359	130	65463	48.050	ug/l	99
45) 1,2-Dichloropropane	9.624	63	67371	52.132	ug/l	99
46) Dibromomethane	9.712	93	50669	50.326	ug/l	98
47) Bromodichloromethane	9.888	83	99403	50.983	ug/l	99
48) Methyl methacrylate	9.682	41	70135	50.678	ug/l	97
49) 1,4-Dioxane	9.700	88	35103	968.637	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	506359	260.091	ug/l	99
52) Toluene	10.635	92	187297	51.597	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	108087	52.521	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	113558	52.025	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	74095	51.479	ug/l	93
56) Ethyl methacrylate	10.876	69	115876	52.779	ug/l	99
57) 1,3-Dichloropropane	11.165	76	123176	51.388	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	235073	276.955	ug/l	99
59) 2-Hexanone	11.200	43	384277	260.069	ug/l	99
60) Dibromochloromethane	11.365	129	81245	53.502	ug/l	99
61) 1,2-Dibromoethane	11.470	107	78097	52.946	ug/l	99
64) Tetrachloroethene	11.106	164	56869	50.179	ug/l	93
65) Chlorobenzene	11.894	112	195655	49.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	76352	52.163	ug/l	98
67) Ethyl Benzene	11.965	91	365627	51.504	ug/l	99
68) m/p-Xylenes	12.070	106	293447	103.019	ug/l	98
69) o-Xylene	12.400	106	143306	50.872	ug/l	99
70) Styrene	12.412	104	237700	52.920	ug/l	99
71) Bromoform	12.582	173	60315	55.037	ug/l #	96
73) Isopropylbenzene	12.700	105	376792	49.296	ug/l	100
74) N-amyl acetate	12.494	43	138322	48.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	120745	55.036	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	109931m	54.380	ug/l	
77) Bromobenzene	12.982	156	82891	49.252	ug/l	99
78) n-propylbenzene	13.035	91	433354	50.498	ug/l	99
79) 2-Chlorotoluene	13.129	91	262367	50.032	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	329476	51.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	44190	56.113	ug/l	84
82) 4-Chlorotoluene	13.129	91	262367	50.032	ug/l	98
83) tert-Butylbenzene	13.441	119	286052	50.145	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	337156	51.905	ug/l	100
85) sec-Butylbenzene	13.617	105	408129	51.143	ug/l	100
86) p-Isopropyltoluene	13.729	119	347530	52.731	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	167821	50.928	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	165991	50.898	ug/l	99
89) n-Butylbenzene	14.059	91	282408	53.212	ug/l	99
90) Hexachloroethane	14.335	117	61568	50.951	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	164600	50.244	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26737	51.858	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	73544	52.170	ug/l	99
94) Hexachlorobutadiene	15.500	225	33505	48.753	ug/l	98
95) Naphthalene	15.641	128	284926	52.558	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	71986	51.393	ug/l	100

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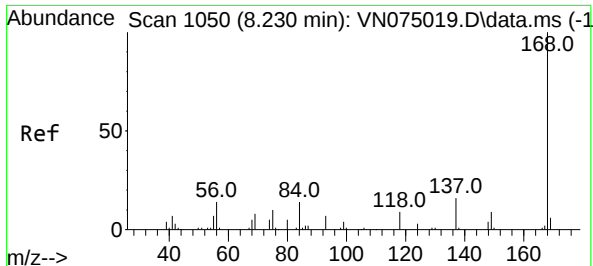
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/02/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

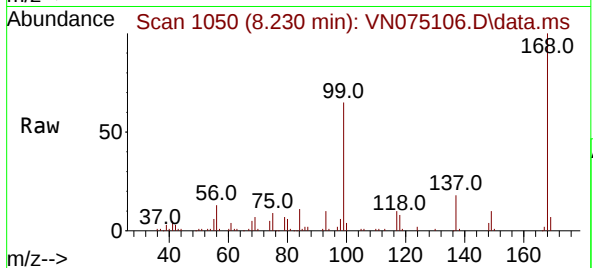
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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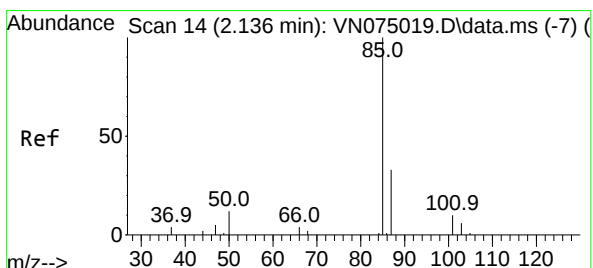
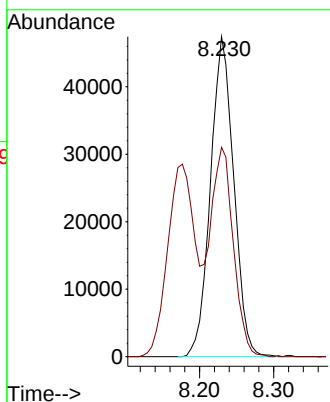
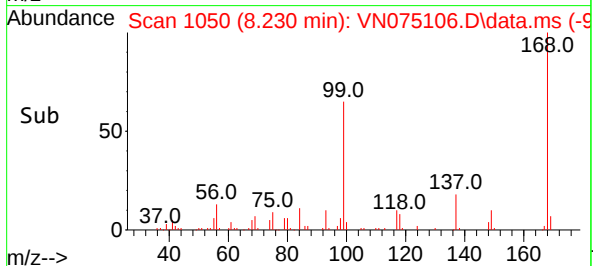
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VSTDCCC050EC



Tgt Ion:168 Resp: 103350
Ion Ratio Lower Upper
168 100
99 65.1 51.6 77.4

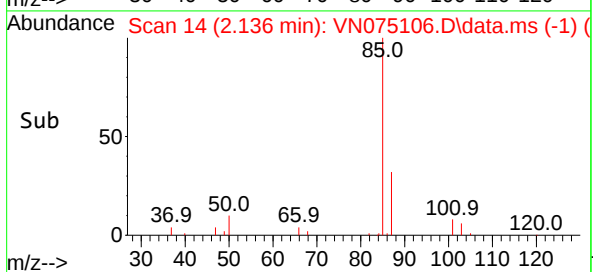
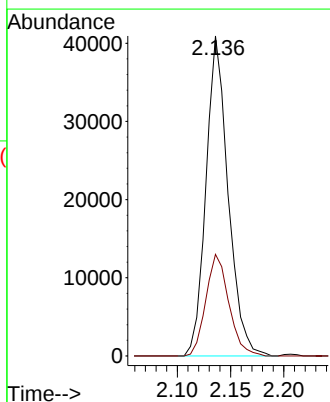
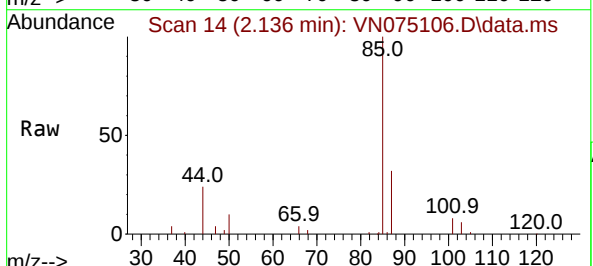
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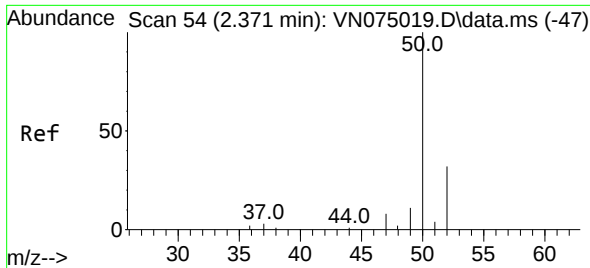
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#2
Dichlorodifluoromethane
Concen: 44.078 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 85 Resp: 59261
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0





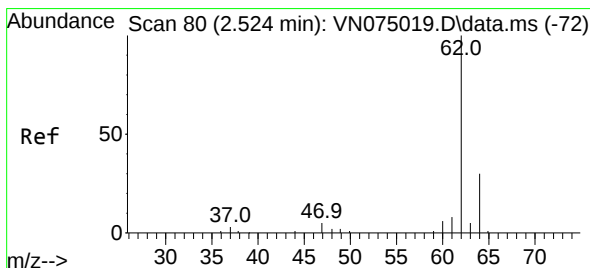
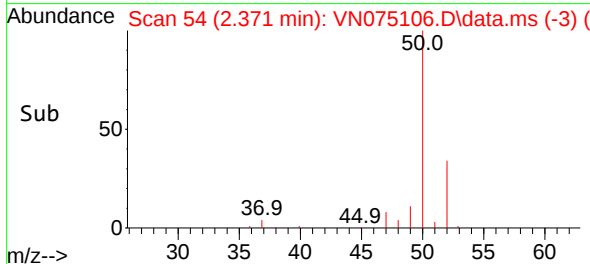
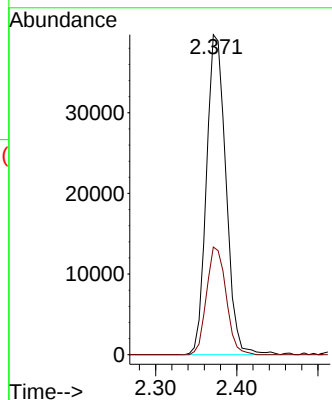
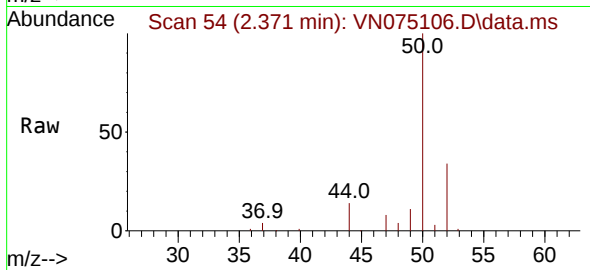
#3
Chloromethane
Concen: 46.282 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075106.D
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Tgt Ion: 50 Resp: 66094
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.6

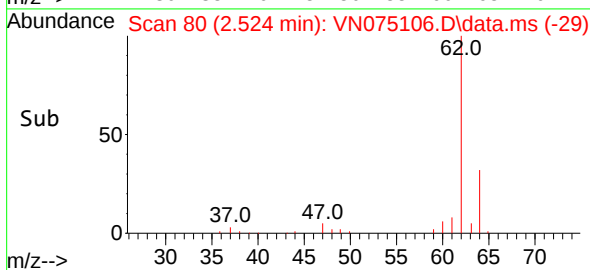
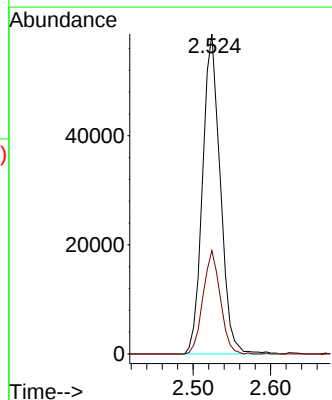
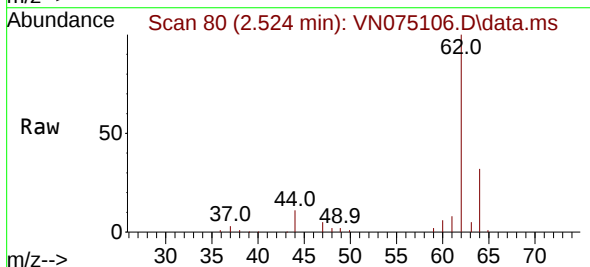
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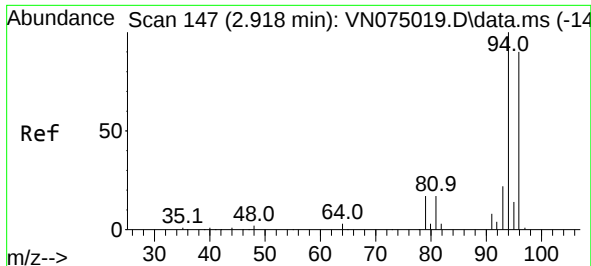
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#4
Vinyl Chloride
Concen: 45.741 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

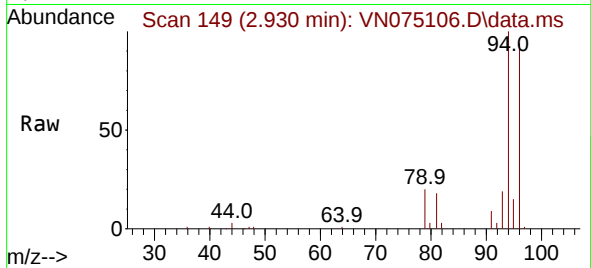
Tgt Ion: 62 Resp: 93186
Ion Ratio Lower Upper
62 100
64 32.3 24.0 36.0





#5
Bromomethane
Concen: 51.105 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075106.D
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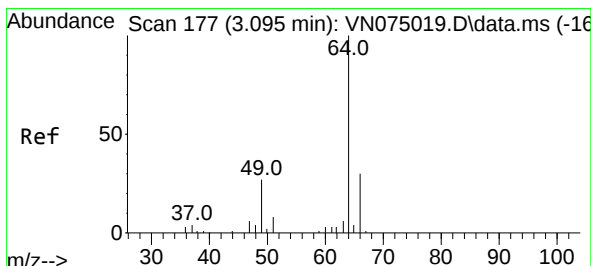
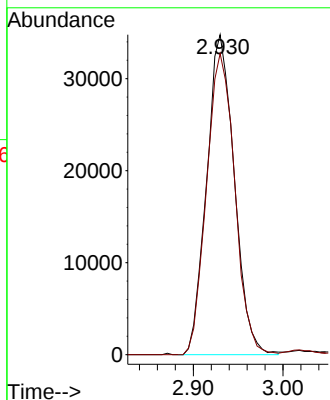
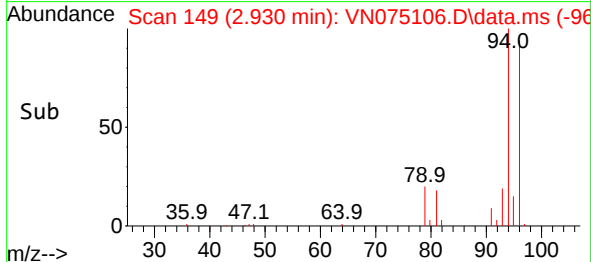
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Tgt Ion: 94 Resp: 74372
Ion Ratio Lower Upper
94 100
96 94.1 71.8 107.6

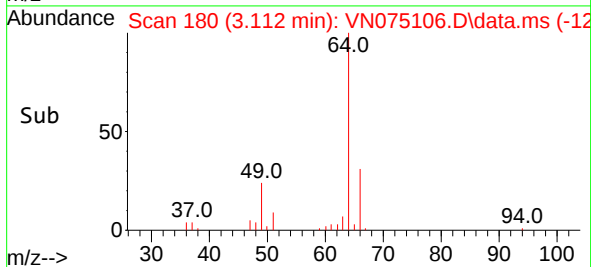
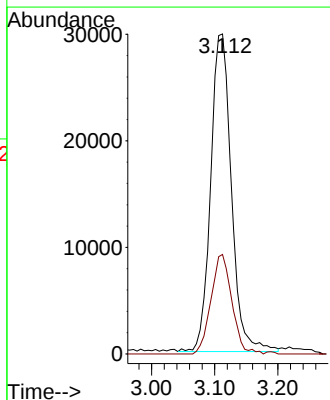
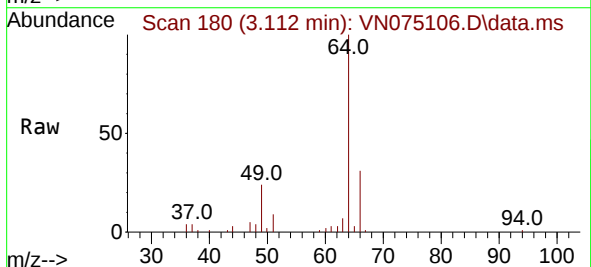
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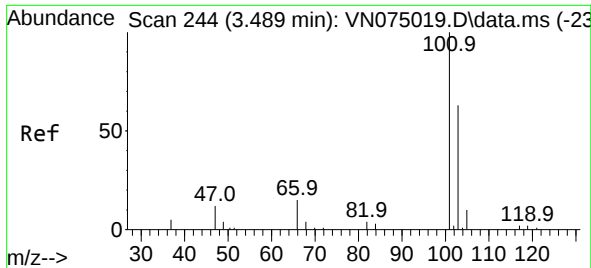
Reviewed By :John Carlone 11/02/2022
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#6
Chloroethane
Concen: 46.494 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075106.D
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Tgt Ion: 64 Resp: 67922
Ion Ratio Lower Upper
64 100
66 31.3 23.8 35.8





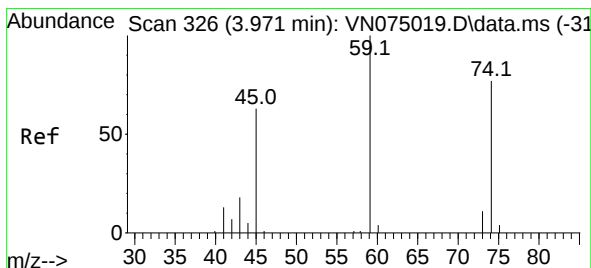
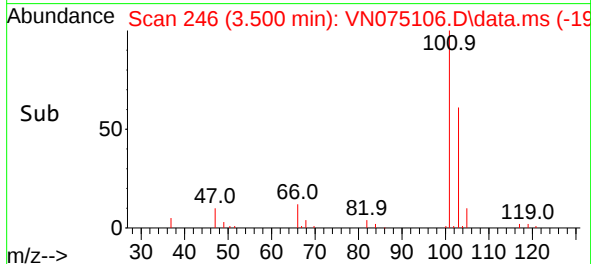
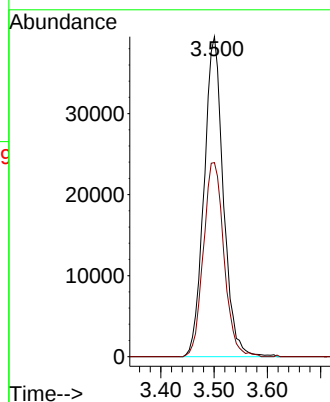
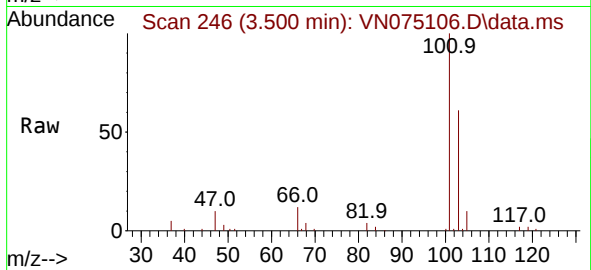
#7
Trichlorofluoromethane
Concen: 47.807 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.011 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9949
Ion Ratio Lower Upper
101 100
103 60.7 50.5 75.7

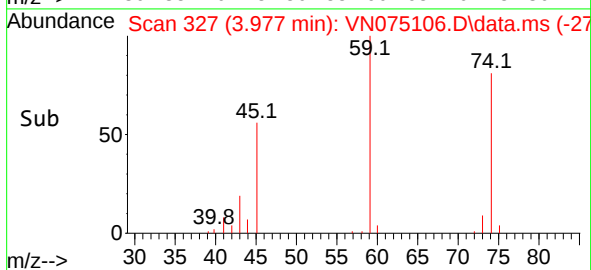
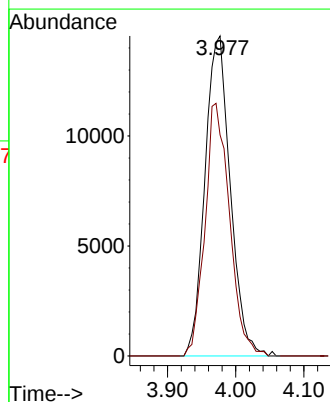
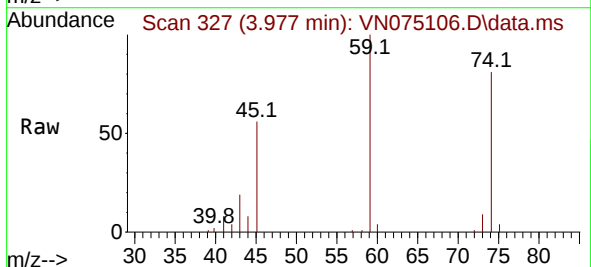
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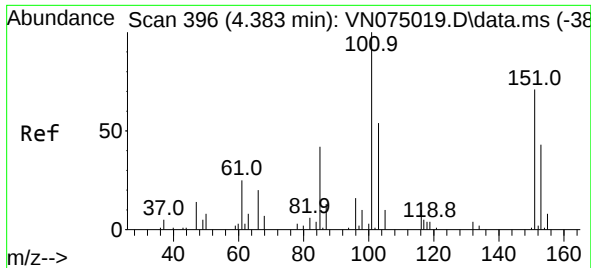
Reviewed By :John Carlone 11/02/2022
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#8
Diethyl Ether
Concen: 49.623 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075106.D
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Tgt Ion: 74 Resp: 37668
Ion Ratio Lower Upper
74 100
45 76.6 39.3 117.9





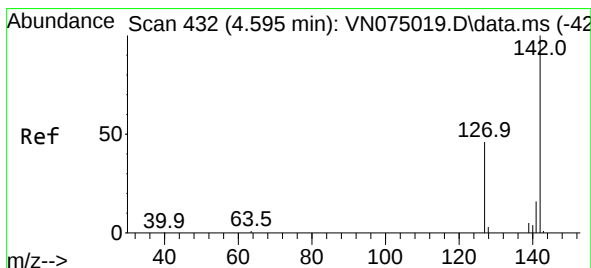
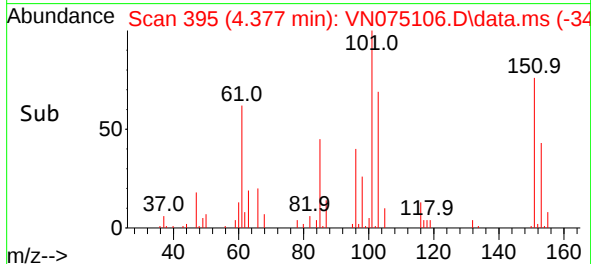
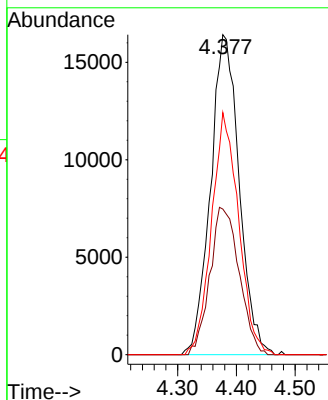
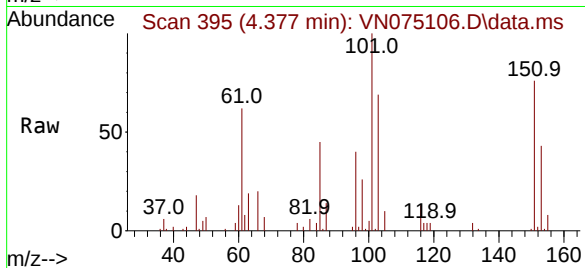
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.371 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 55594
Ion Ratio Lower Upper
101 100
85 47.0 37.6 56.4
151 71.4 58.3 87.5

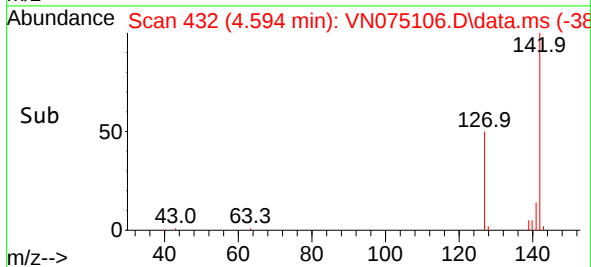
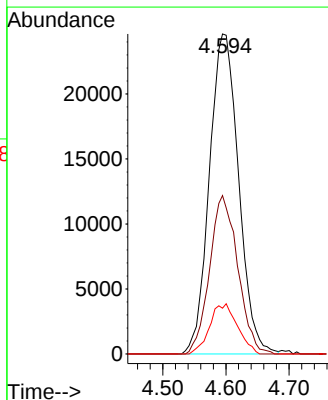
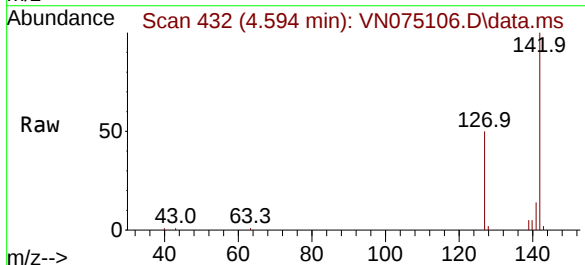
Manual Integrations
APPROVED

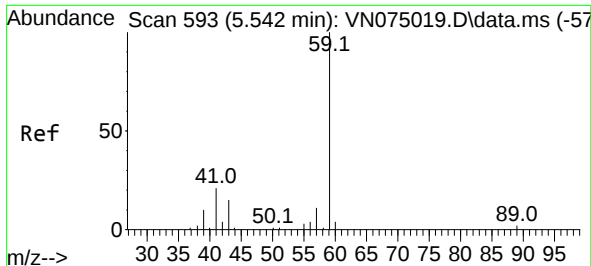
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#10
Methyl Iodide
Concen: 46.273 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

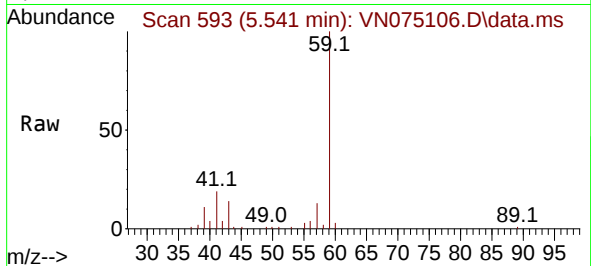
Tgt Ion:142 Resp: 79175
Ion Ratio Lower Upper
142 100
127 47.6 38.0 57.0
141 14.9 12.2 18.4





#11
Tert butyl alcohol
Concen: 226.458 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

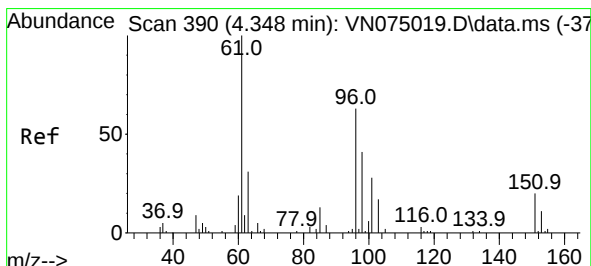
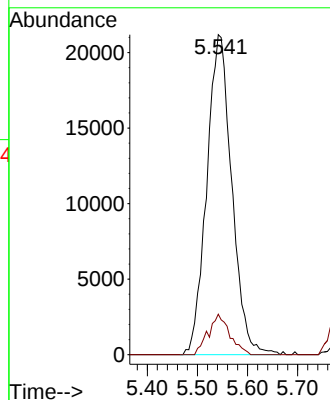
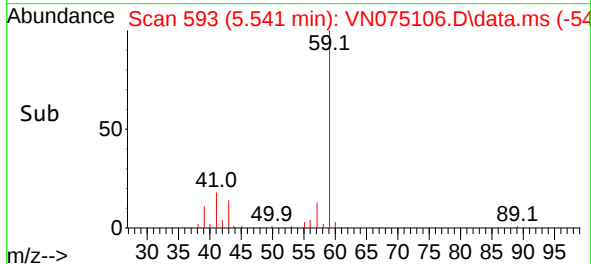
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



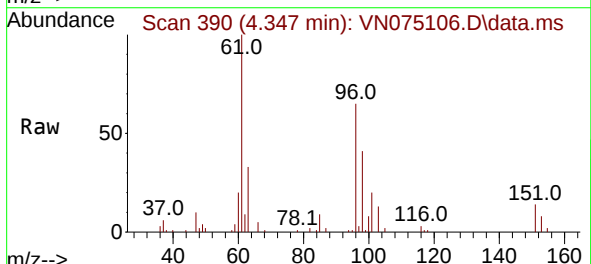
Tgt Ion: 59 Resp: 73540
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

Manual Integrations
APPROVED

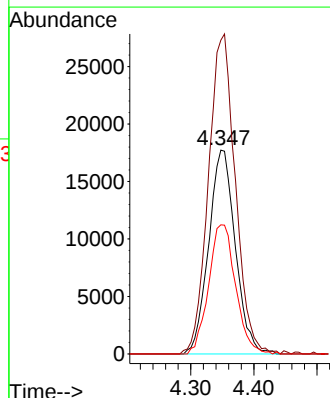
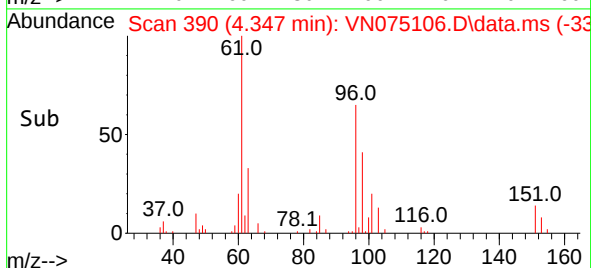
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

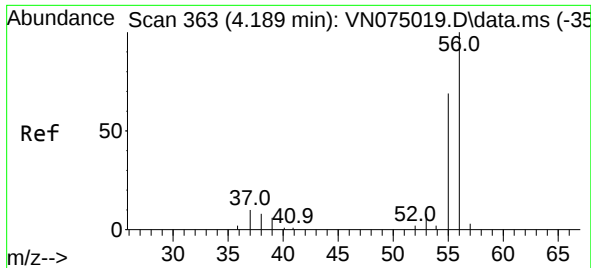


#12
1,1-Dichloroethene
Concen: 47.461 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46



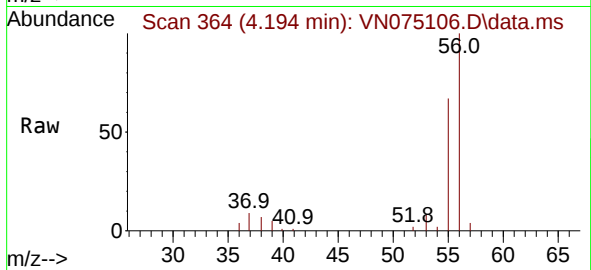
Tgt Ion: 96 Resp: 51995
Ion Ratio Lower Upper
96 100
61 153.9 126.2 189.4
98 63.4 51.5 77.3





#13
Acrolein
Concen: 243.988 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.005 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

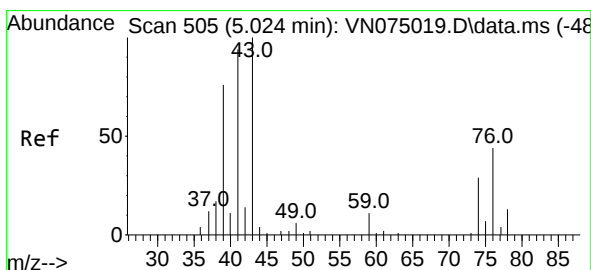
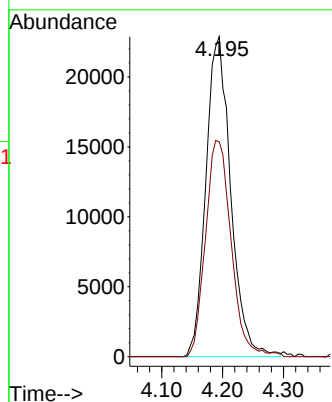
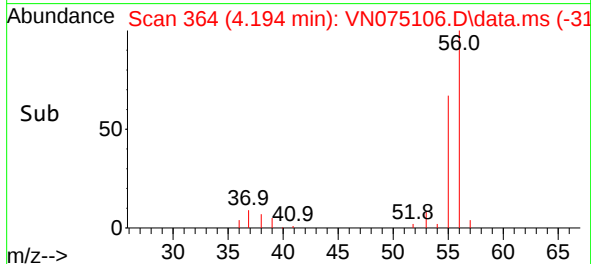
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6480
Ion Ratio Lower Upper
56 100
55 69.4 55.2 82.8

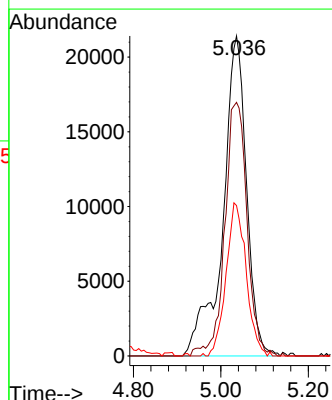
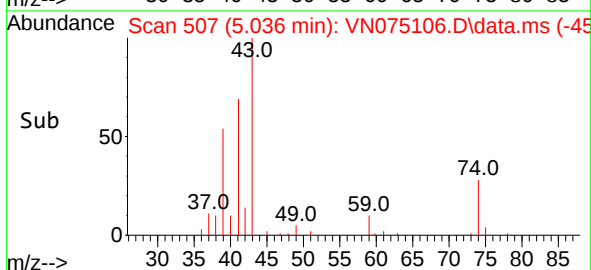
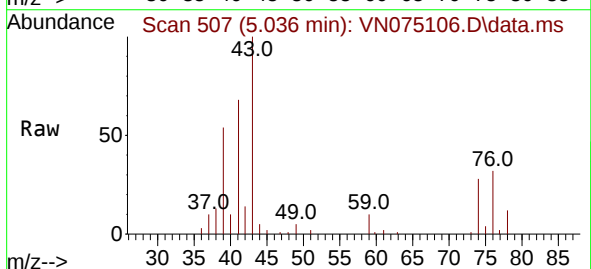
Manual Integrations
APPROVED

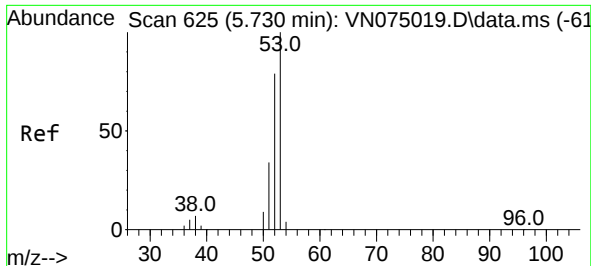
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#14
Allyl chloride
Concen: 50.473 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

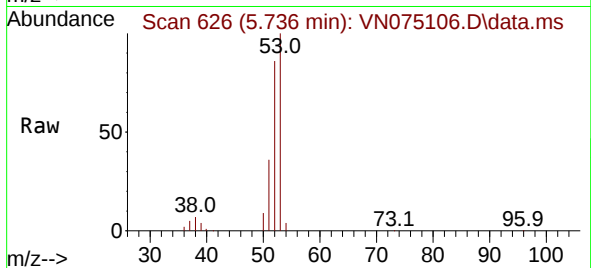
Tgt Ion: 41 Resp: 80758
Ion Ratio Lower Upper
41 100
39 73.9 61.0 91.4
76 40.5 33.4 50.0





#15
Acrylonitrile
Concen: 256.783 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

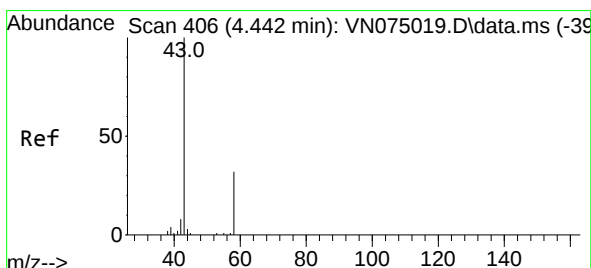
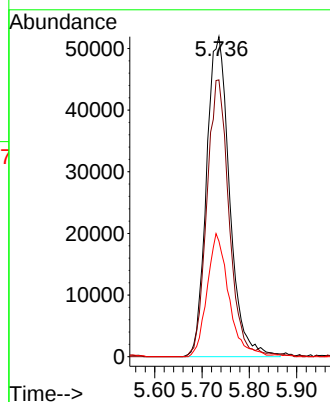
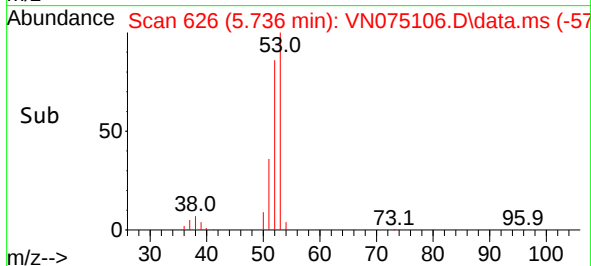
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 17615
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 36.3 29.6 44.4

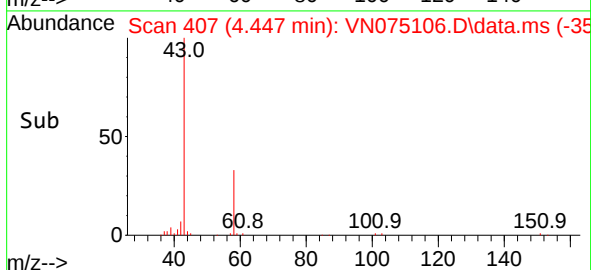
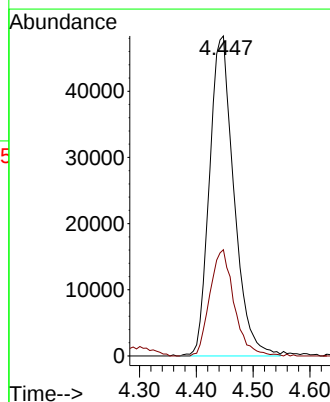
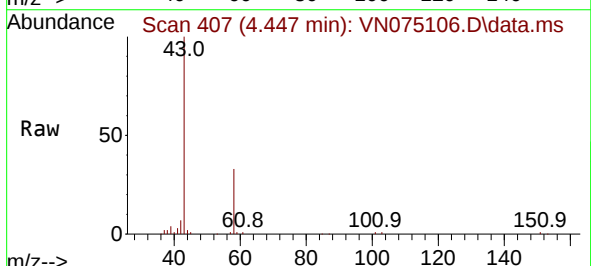
Manual Integrations
APPROVED

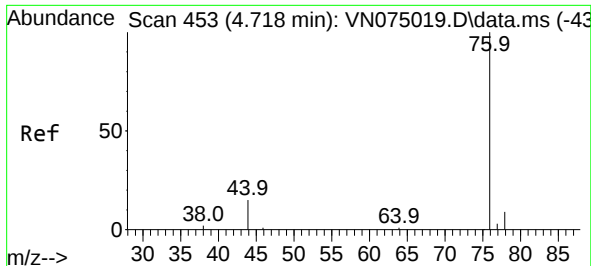
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#16
Acetone
Concen: 245.294 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

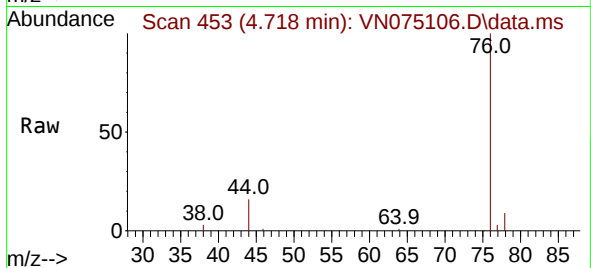
Tgt Ion: 43 Resp: 144632
Ion Ratio Lower Upper
43 100
58 33.2 25.5 38.3





#17
Carbon Disulfide
Concen: 44.709 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

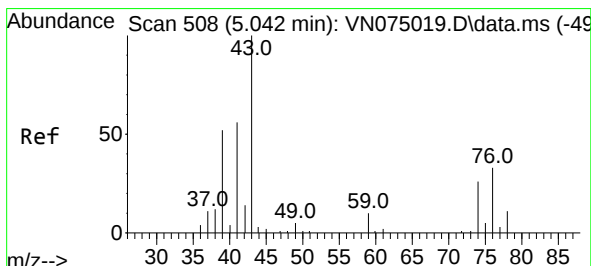
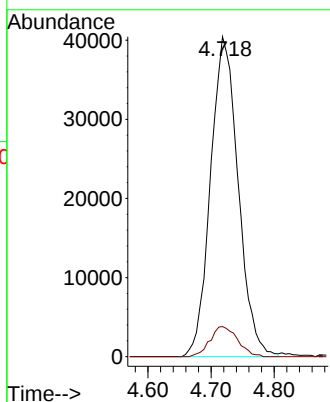
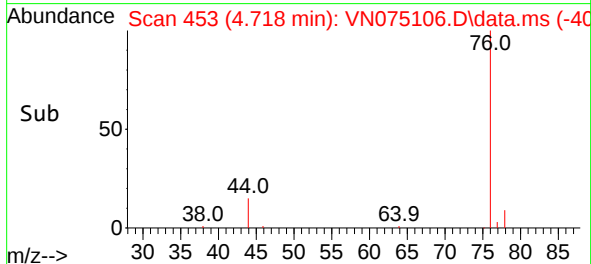
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 12317
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

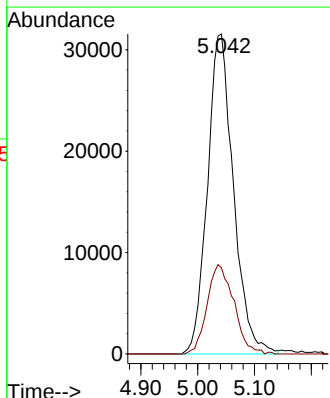
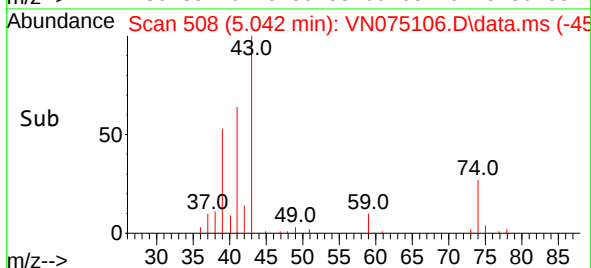
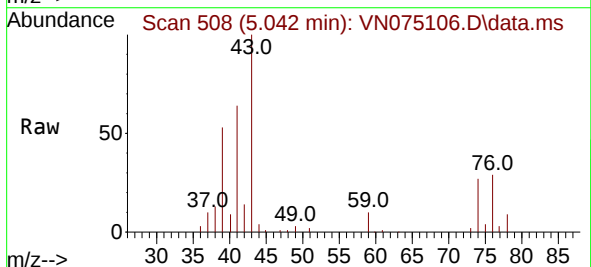
Manual Integrations
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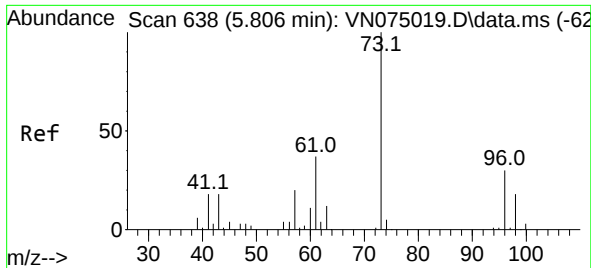
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#18
Methyl Acetate
Concen: 51.990 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 43 Resp: 100133
Ion Ratio Lower Upper
43 100
74 28.8 22.0 33.0





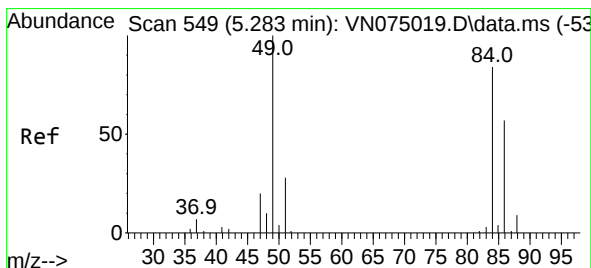
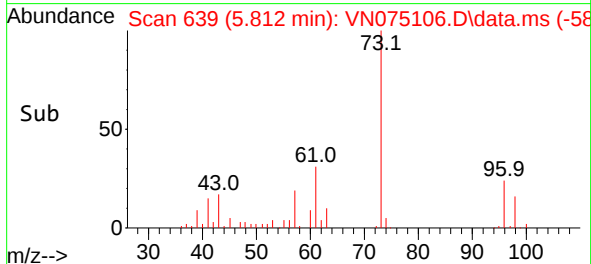
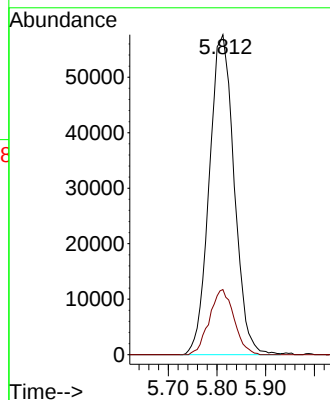
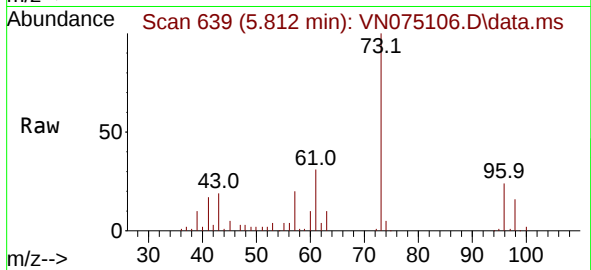
#19
Methyl tert-butyl Ether
Concen: 50.303 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 20482
Ion Ratio Lower Upper
73 100
57 20.3 16.3 24.5

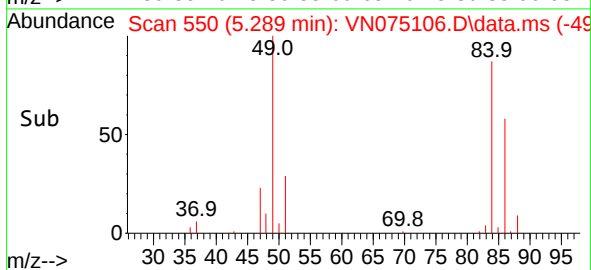
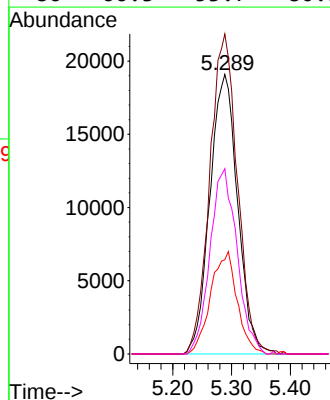
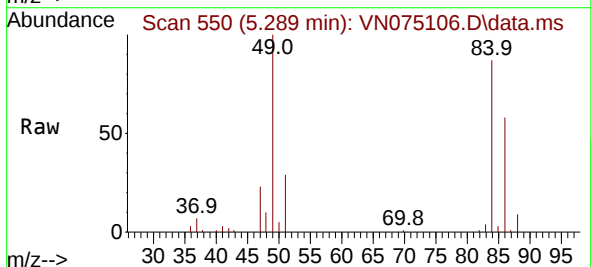
Manual Integrations
APPROVED

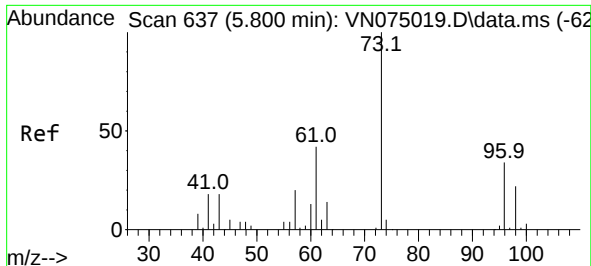
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#20
Methylene Chloride
Concen: 47.613 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 84 Resp: 62595
Ion Ratio Lower Upper
84 100
49 114.5 94.9 142.3
51 33.7 26.8 40.2
86 66.3 53.7 80.5





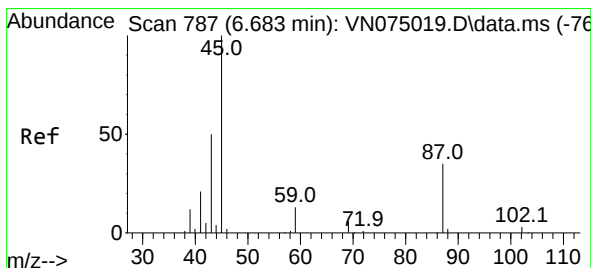
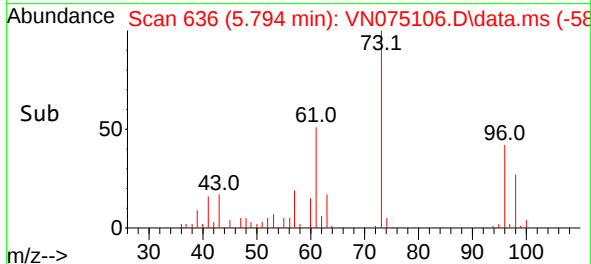
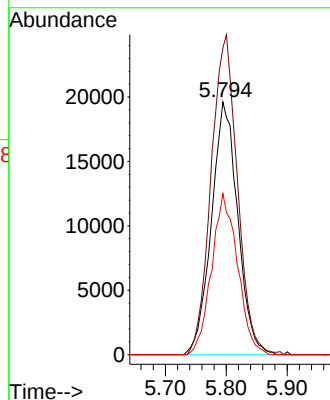
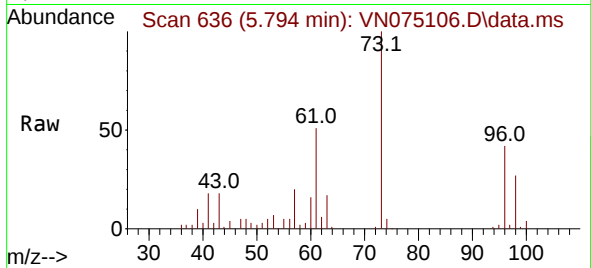
#21
trans-1,2-Dichloroethene
Concen: 49.108 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 5890
Ion Ratio Lower Upper
96 100
61 121.5 99.9 149.9
98 63.8 51.5 77.3

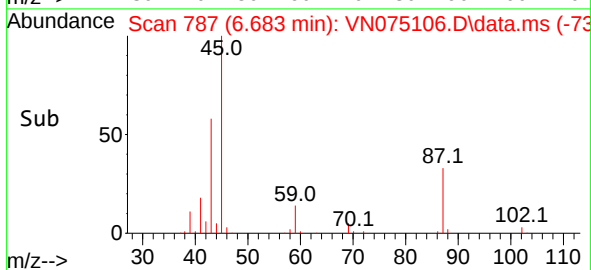
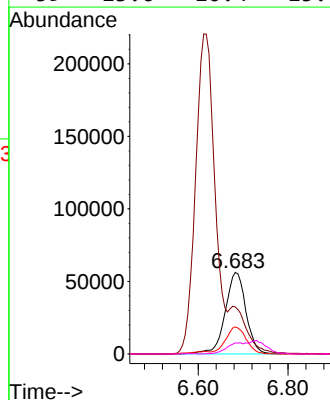
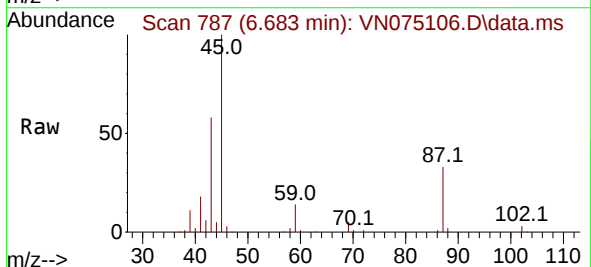
Manual Integrations
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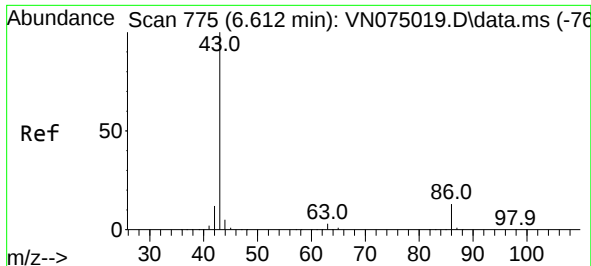
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#22
Diisopropyl ether
Concen: 51.185 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 45 Resp: 180735
Ion Ratio Lower Upper
45 100
43 56.3 42.8 64.2
87 33.3 28.4 42.6
59 13.6 10.4 15.6





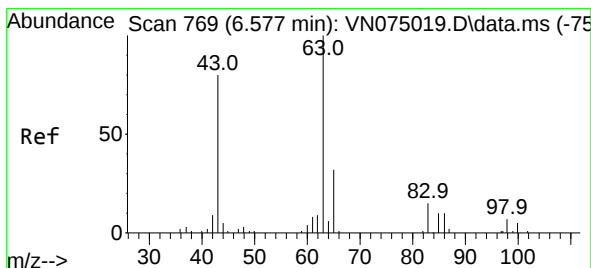
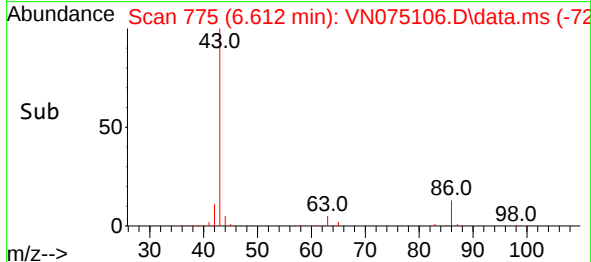
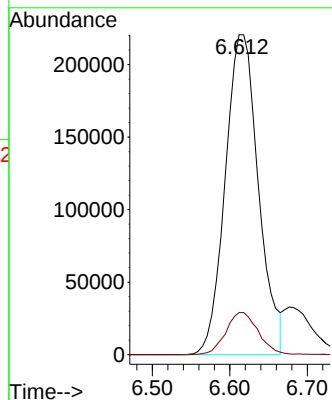
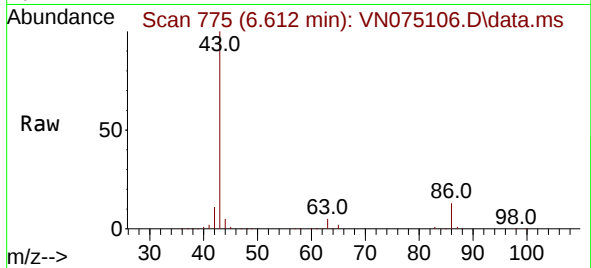
#23
 Vinyl Acetate
 Concen: 223.532 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075106.D
 Acq: 01 Nov 2022 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 65910
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.7 16.1

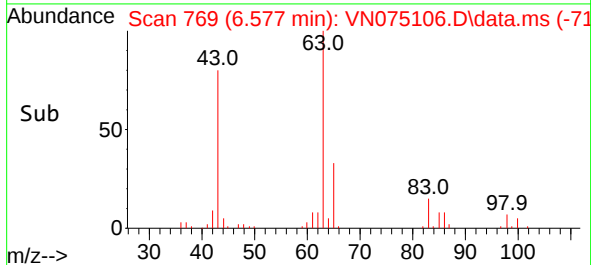
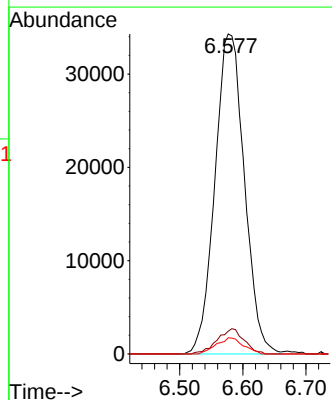
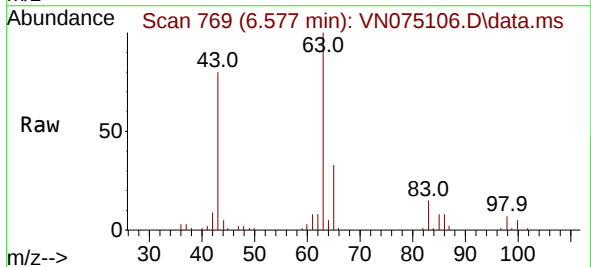
Manual Integrations
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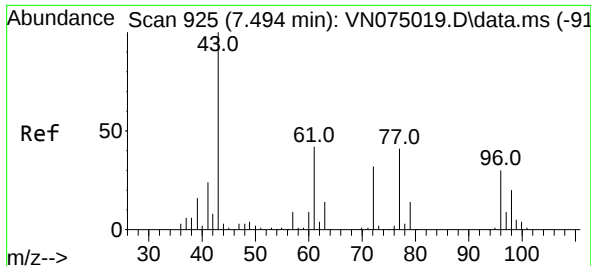
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022



#24
 1,1-Dichloroethane
 Concen: 49.751 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075106.D
 Acq: 01 Nov 2022 18:46

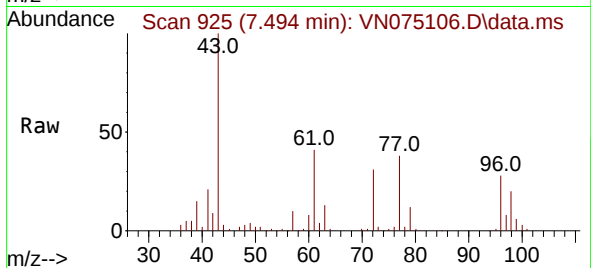
Tgt Ion: 63 Resp: 111104
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 5.0 2.4 7.2





#25
2-Butanone
Concen: 257.255 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

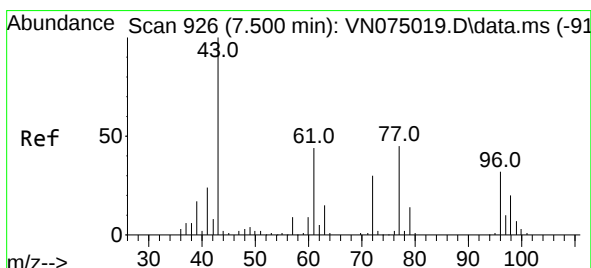
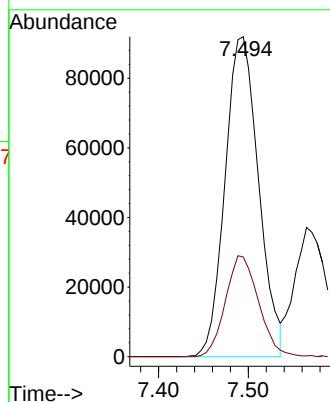
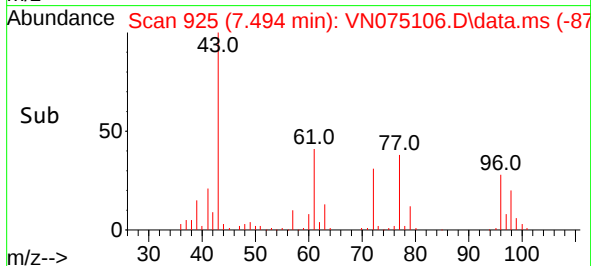
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 23858
Ion Ratio Lower Upper
43 100
72 31.1 25.5 38.3

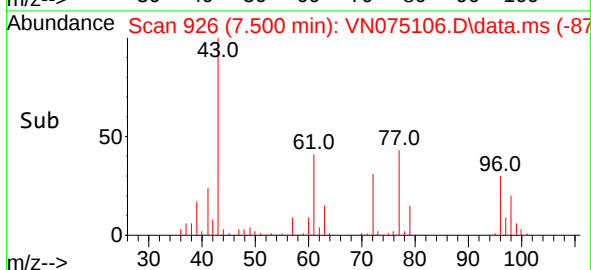
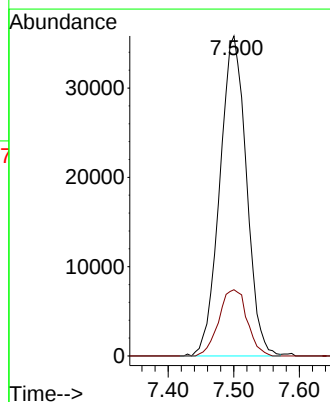
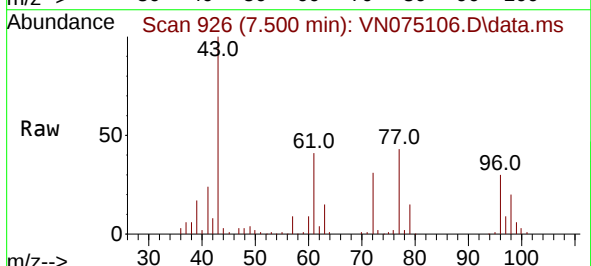
Manual Integrations
APPROVED

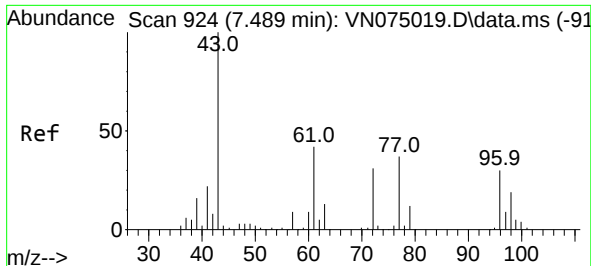
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#26
2,2-Dichloropropane
Concen: 49.186 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 77 Resp: 101050
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





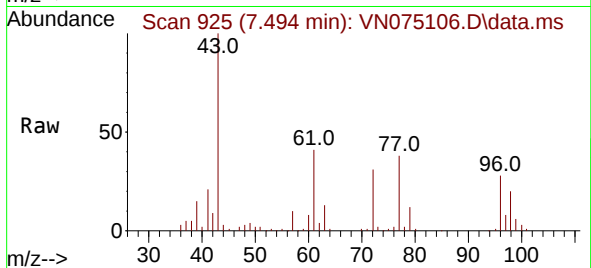
#27
 cis-1,2-Dichloroethene
 Concen: 49.113 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075106.D
 Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



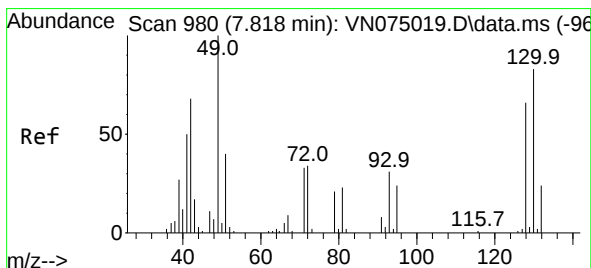
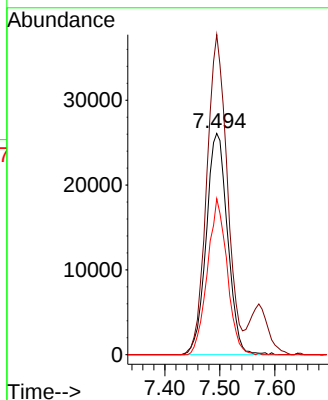
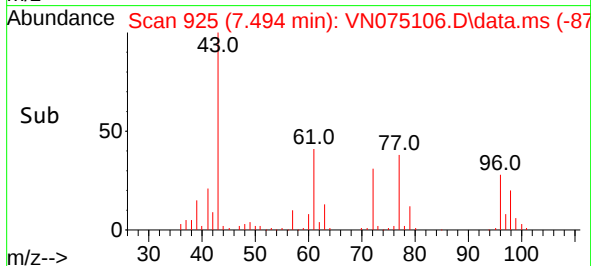
Tgt Ion: 96 Resp: 70352
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 278.8
 98 65.0 0.0 128.4

Manual Integrations

APPROVED

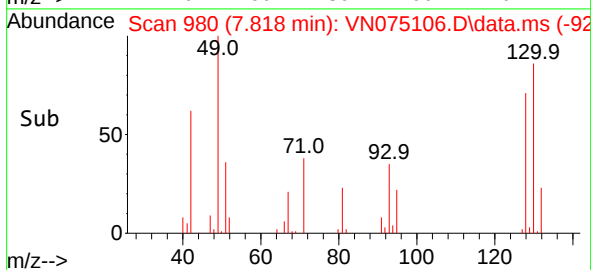
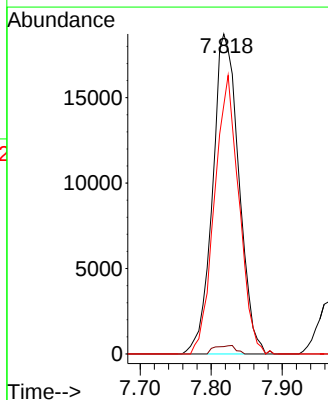
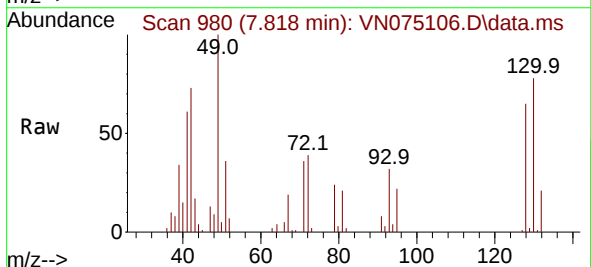
Reviewed By :John Carlone 11/02/2022

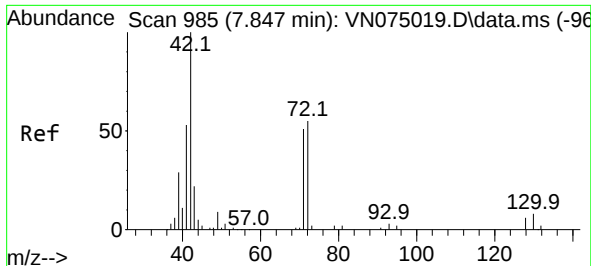
Supervised By :Mahesh Dadoda 11/02/2022



#28
 Bromochloromethane
 Concen: 51.064 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075106.D
 Acq: 01 Nov 2022 18:46

Tgt Ion: 49 Resp: 48072
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 81.4 66.2 99.4





#29

Tetrahydrofuran

Concen: 265.092 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15886

Ion Ratio Lower Upper

42 100

72 53.7 43.0 64.6

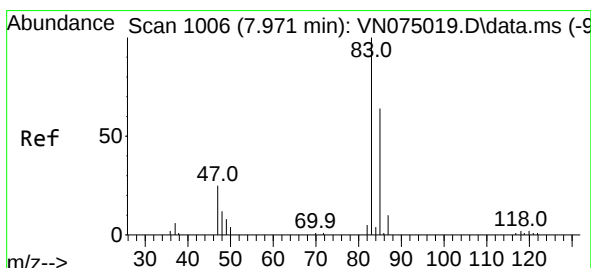
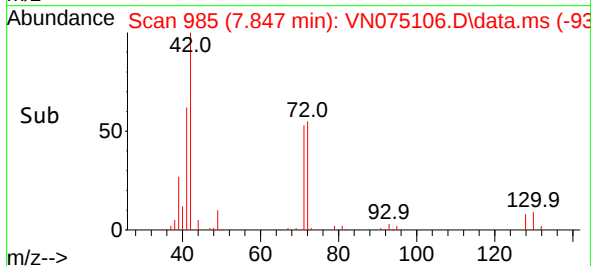
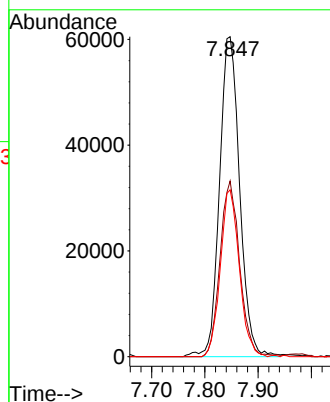
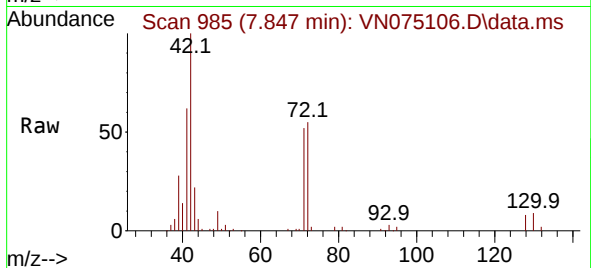
71 49.2 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#30

Chloroform

Concen: 50.993 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075106.D

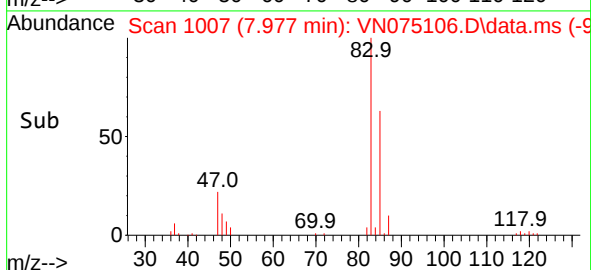
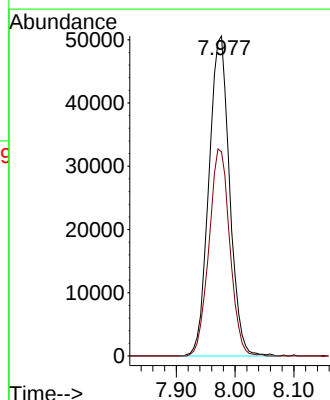
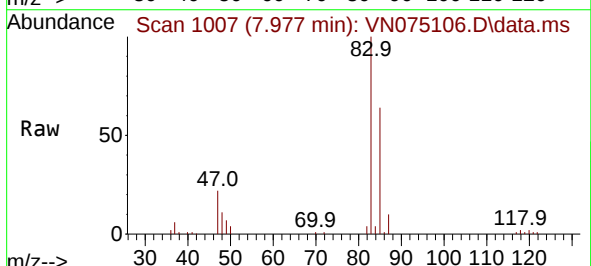
Acq: 01 Nov 2022 18:46

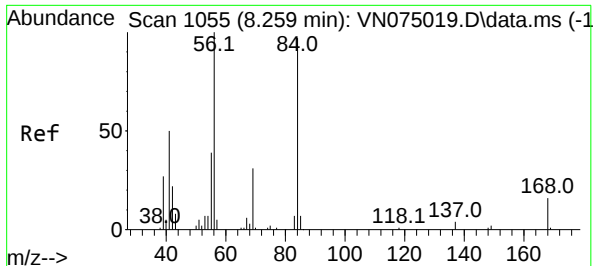
Tgt Ion: 83 Resp: 123642

Ion Ratio Lower Upper

83 100

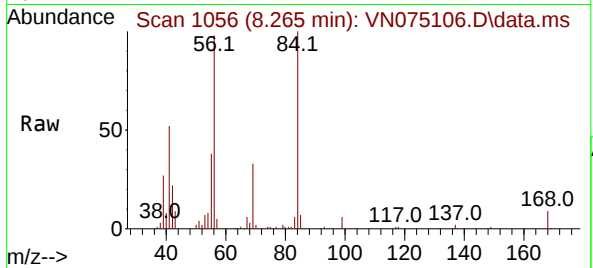
85 63.8 51.4 77.0





#31
Cyclohexane
Concen: 45.167 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

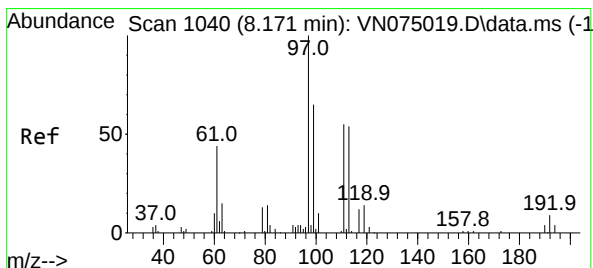
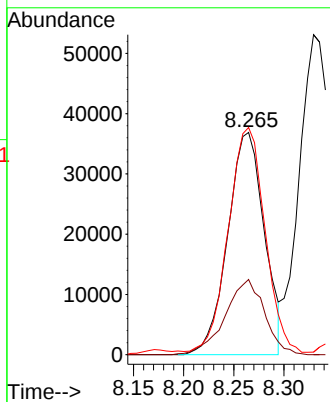
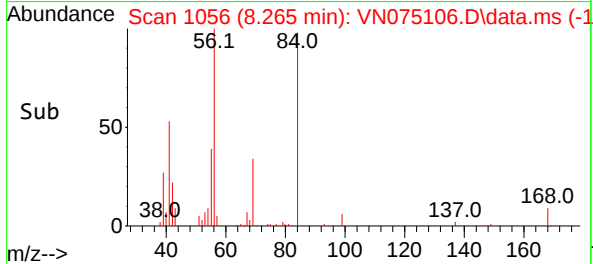
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



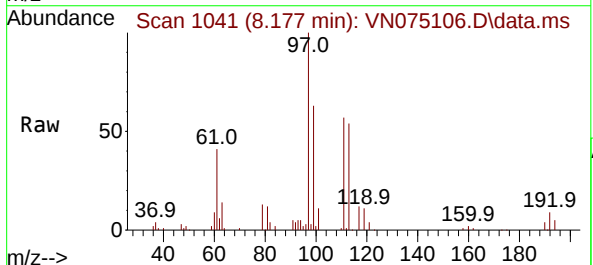
Tgt Ion: 56 Resp: 9354
Ion Ratio Lower Upper
56 100
69 33.5 25.2 37.8
84 100.6 77.8 116.8

Manual Integrations
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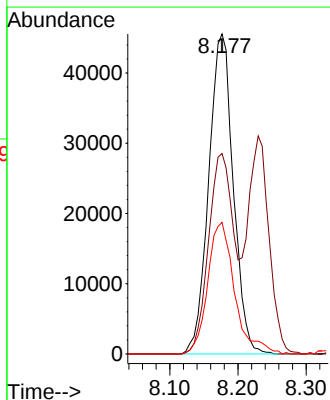
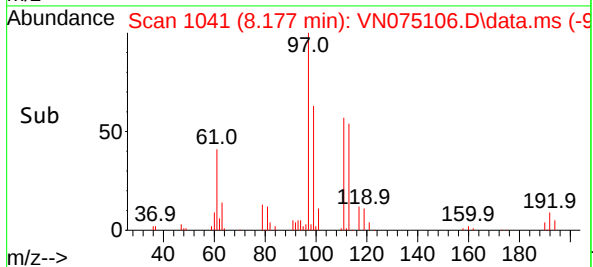
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

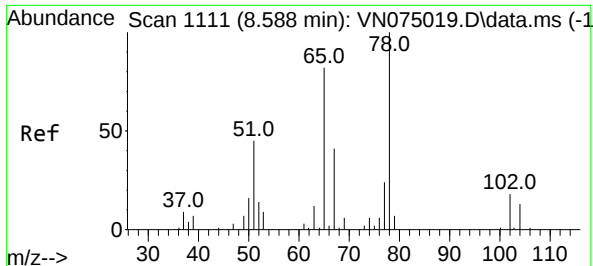


#32
1,1,1-Trichloroethane
Concen: 51.868 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46



Tgt Ion: 97 Resp: 114206
Ion Ratio Lower Upper
97 100
99 62.7 50.2 75.2
61 45.1 37.0 55.6





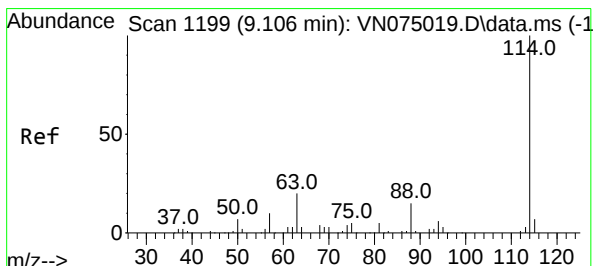
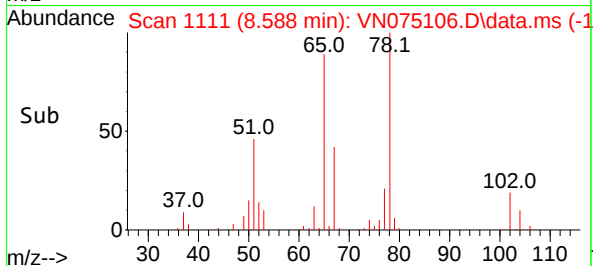
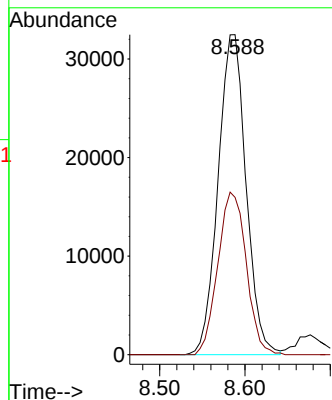
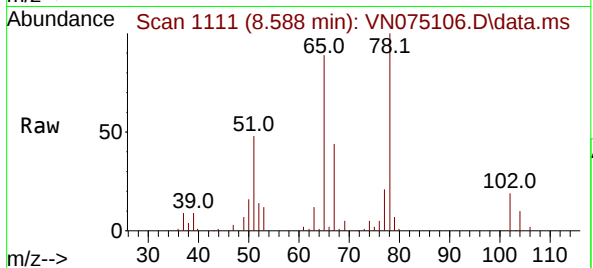
#33
1,2-Dichloroethane-d4
Concen: 53.189 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 7406
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0

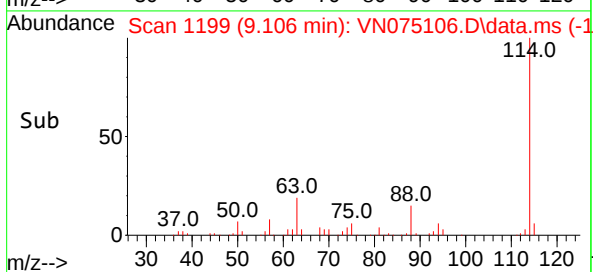
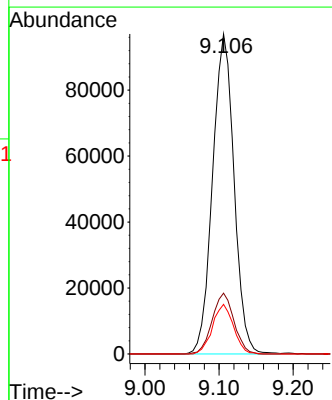
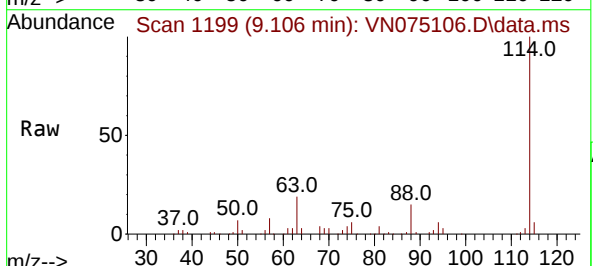
Manual Integrations
APPROVED

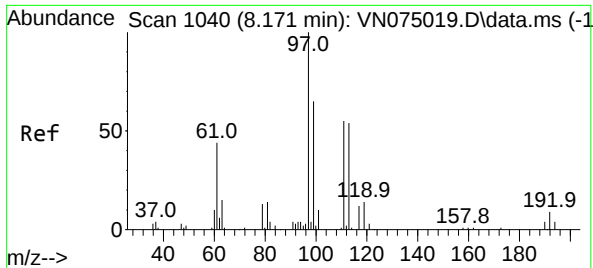
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion:114 Resp: 195139
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.6
88 15.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.305 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 61064

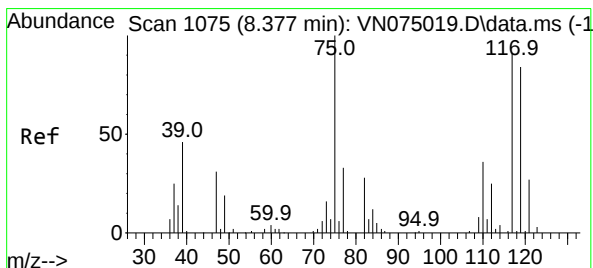
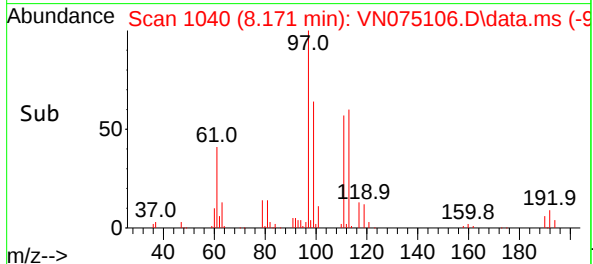
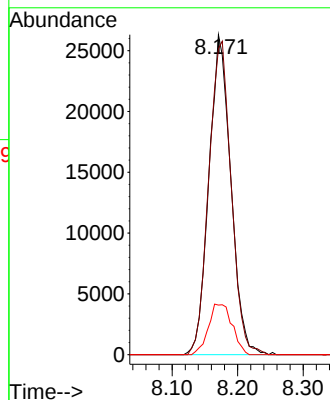
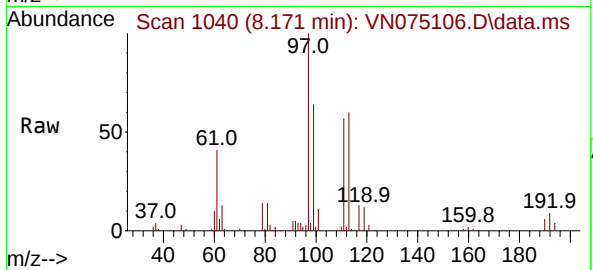
Ion	Ratio	Lower	Upper
113	100		
111	100.1	80.5	120.7
192	17.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#36

1,1-Dichloropropene

Concen: 50.290 ug/l

RT: 8.377 min Scan# 1075

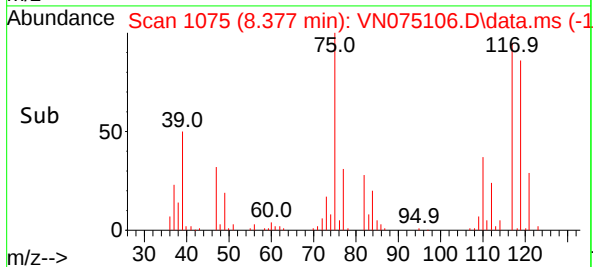
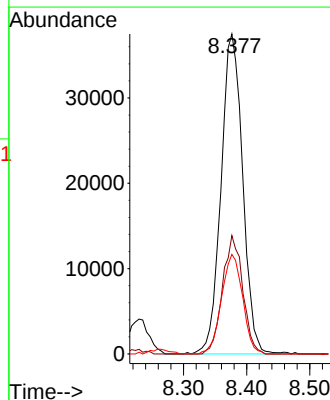
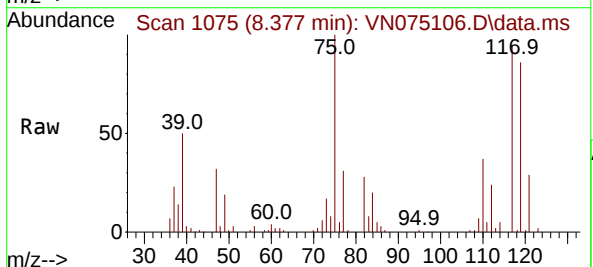
Delta R.T. -0.000 min

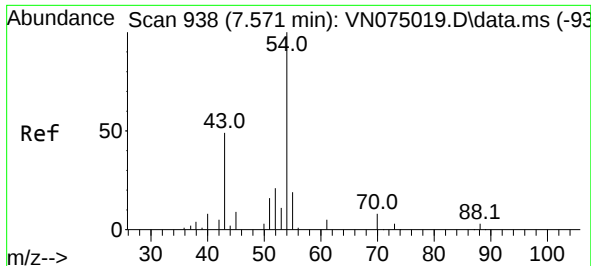
Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Tgt Ion: 75 Resp: 89191

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.8	53.3
77	30.3	24.6	37.0





#37

Ethyl Acetate

Concen: 47.980 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9332

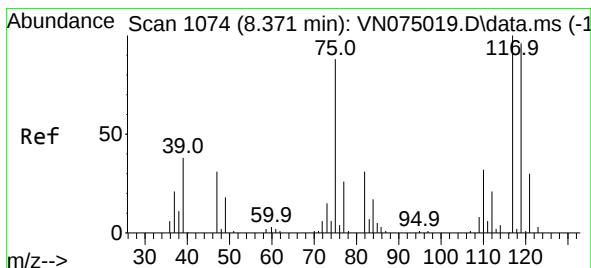
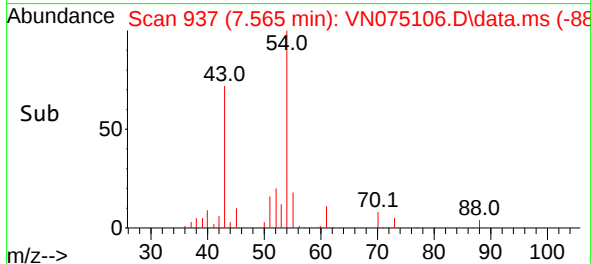
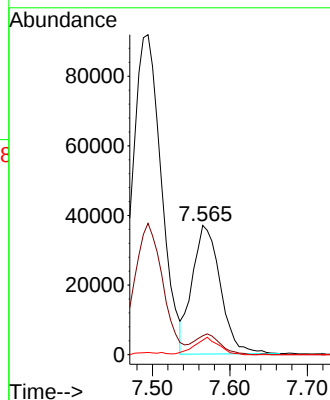
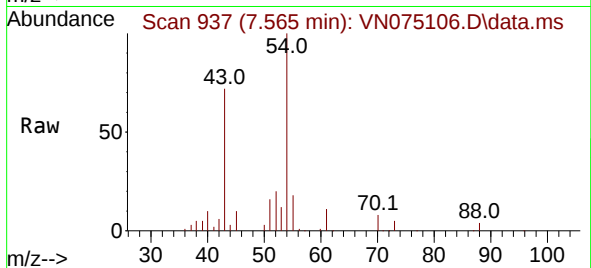
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.4
70	11.6	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#38

Carbon Tetrachloride

Concen: 50.786 ug/l

RT: 8.371 min Scan# 1074

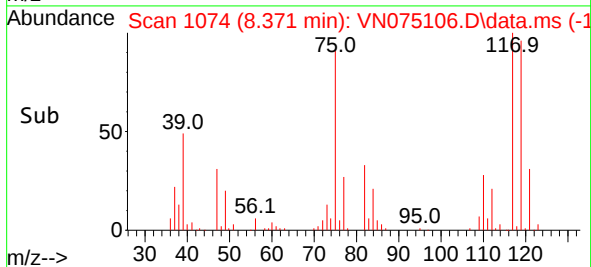
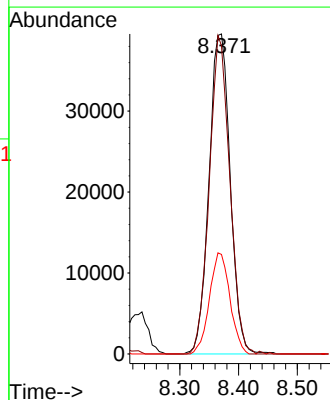
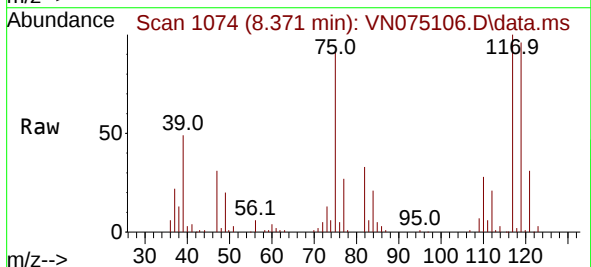
Delta R.T. -0.000 min

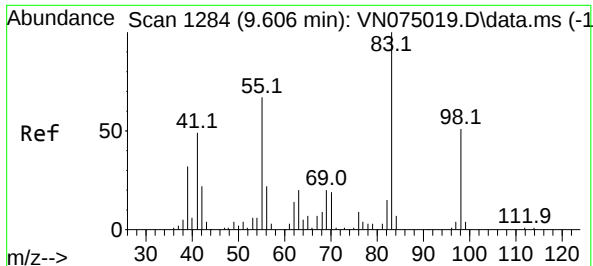
Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Tgt Ion:117 Resp: 99079

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
121	31.1	23.9	35.9





#39

Methylcyclohexane

Concen: 48.211 ug/l

RT: 9.606 min Scan# 11288

Delta R.T. -0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11288

Ion Ratio Lower Upper

83 100

55 65.3 53.6 80.4

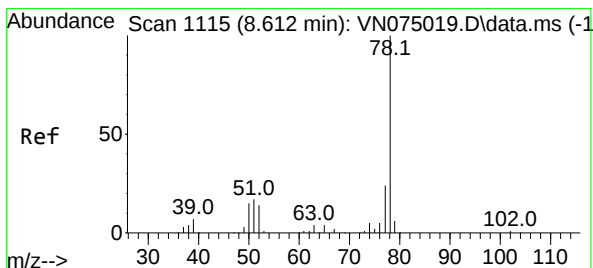
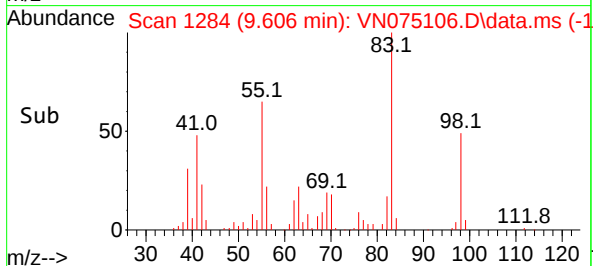
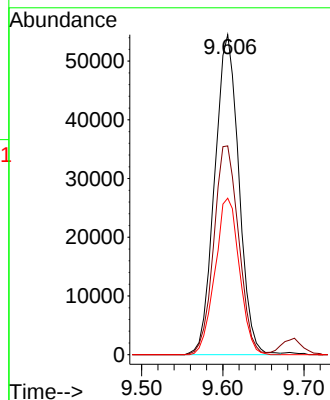
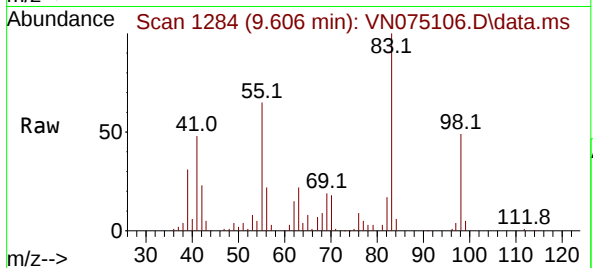
98 48.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#40

Benzene

Concen: 49.630 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075106.D

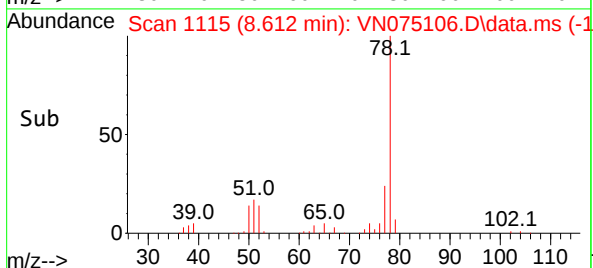
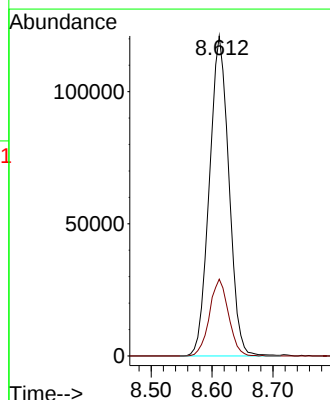
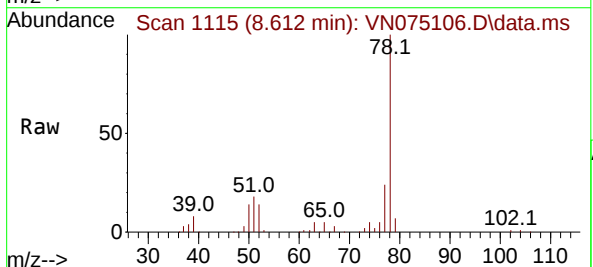
Acq: 01 Nov 2022 18:46

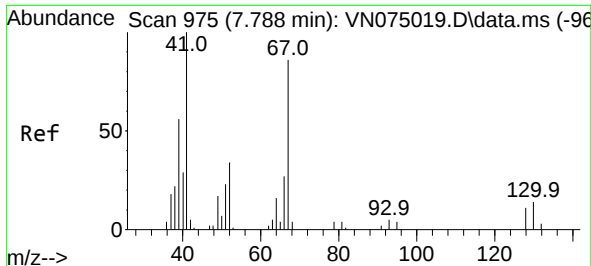
Tgt Ion: 78 Resp: 269506

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 52.058 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

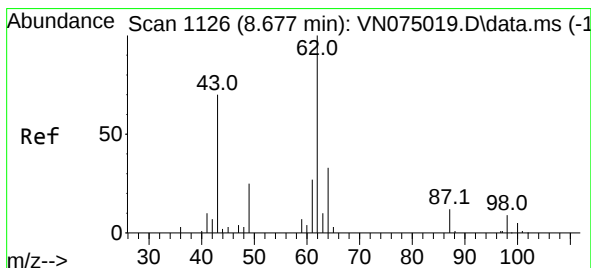
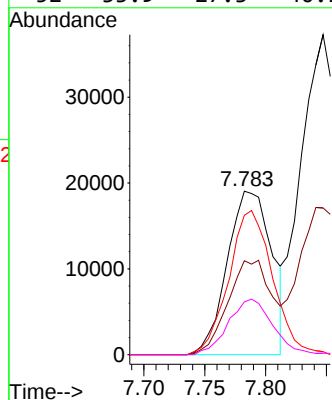
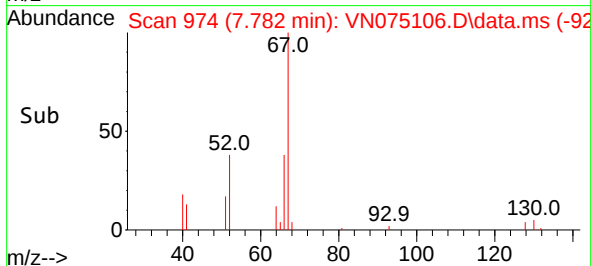
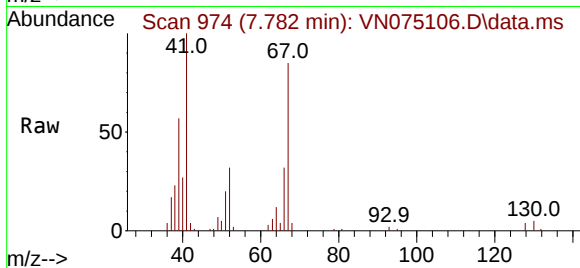
VSTDCCC050EC

Tgt Ion: 41 Resp: 48510
Ion Ratio Lower Upper
41 100
39 56.8 44.4 66.6
67 87.0 69.8 104.6
52 33.9 27.3 40.9

Manual Integrations

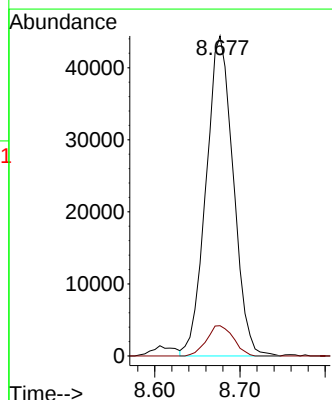
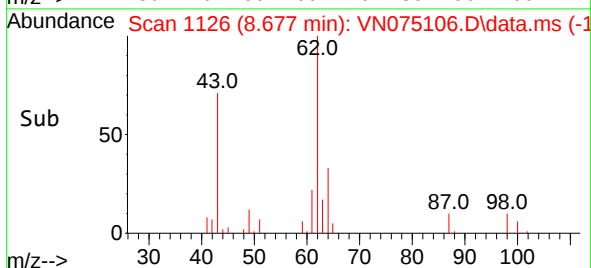
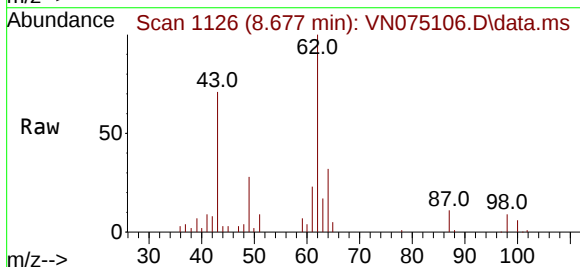
APPROVED

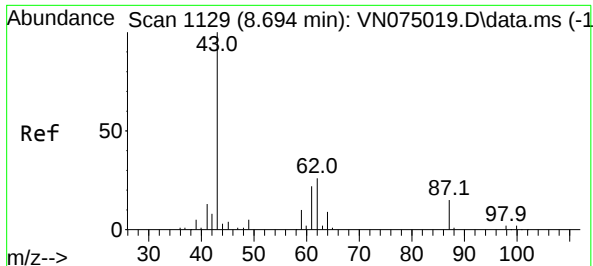
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#42
1,2-Dichloroethane
Concen: 49.954 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 62 Resp: 98692
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2





#43

Isopropyl Acetate

Concen: 50.865 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

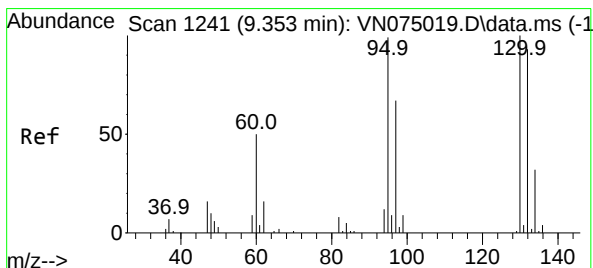
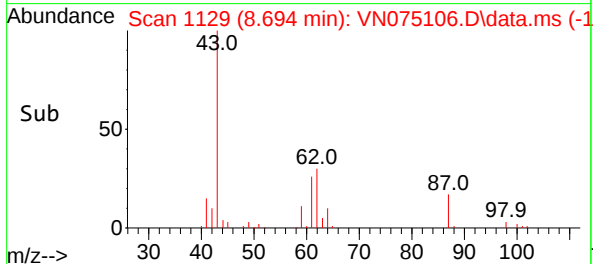
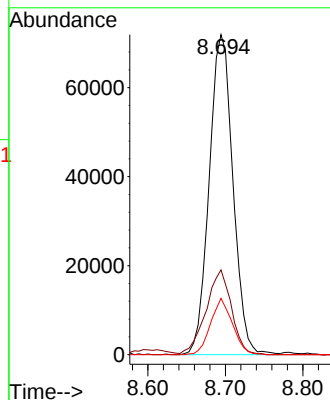
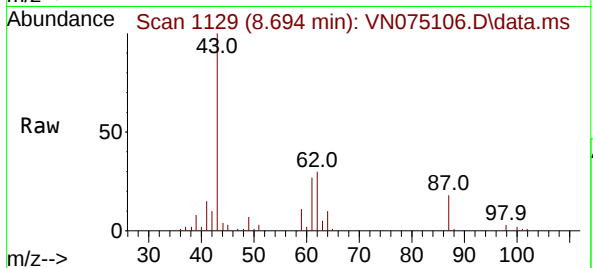
Tgt Ion: 43	Resp: 15345
Ion Ratio	Lower Upper
43	100
61	28.3 22.4 33.6
87	16.2 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#44

Trichloroethene

Concen: 48.050 ug/l

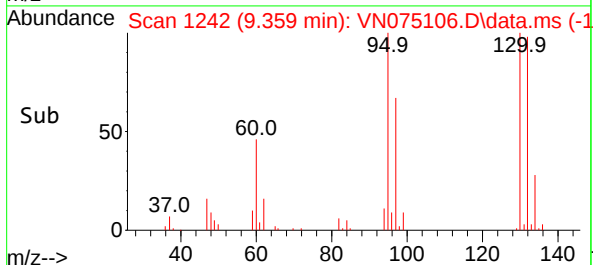
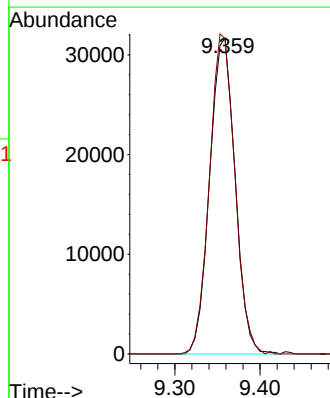
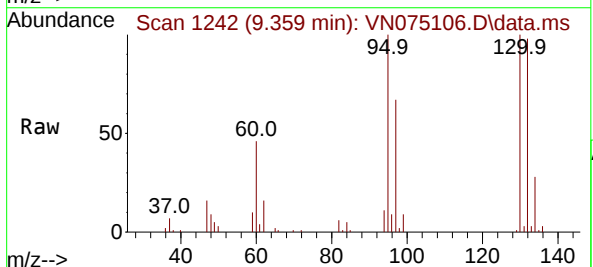
RT: 9.359 min Scan# 1242

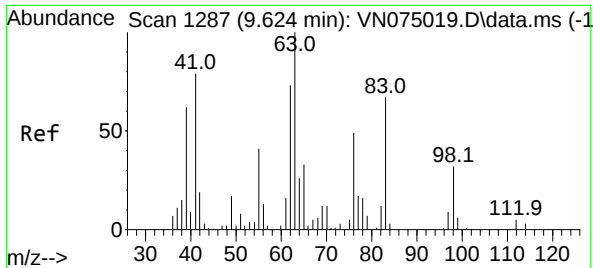
Delta R.T. 0.006 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Tgt Ion:130	Resp: 65463
Ion Ratio	Lower Upper
130	100
95	99.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.132 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6737

Ion Ratio Lower Upper

63 100

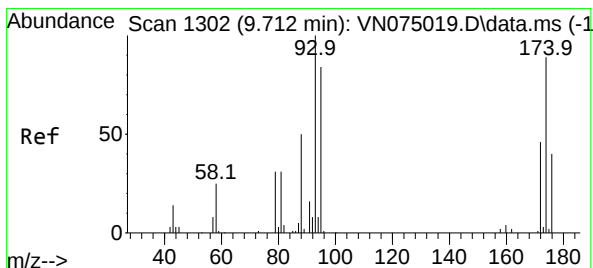
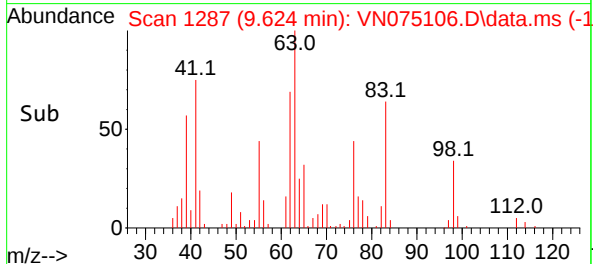
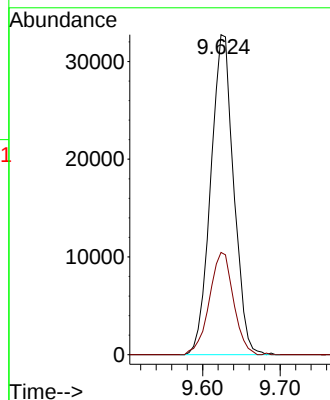
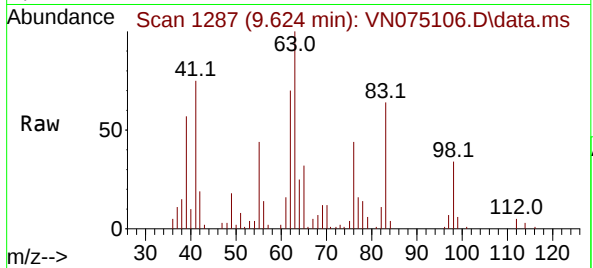
65 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#46

Dibromomethane

Concen: 50.326 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

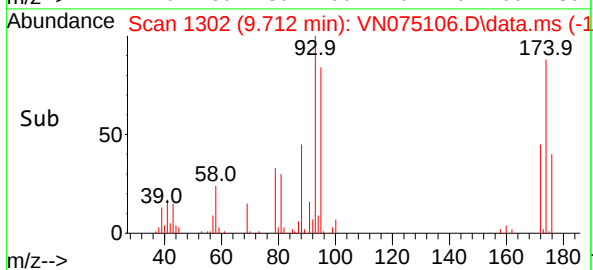
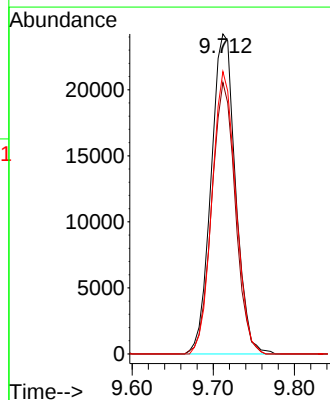
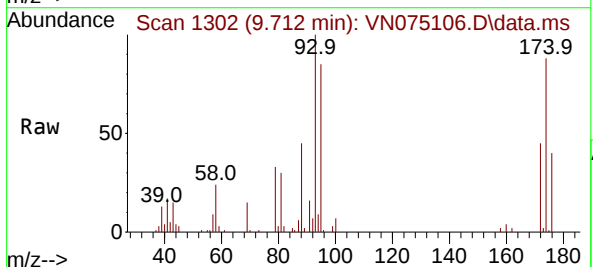
Tgt Ion: 93 Resp: 50669

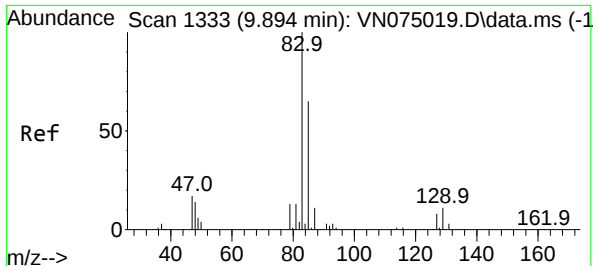
Ion Ratio Lower Upper

93 100

95 82.0 66.6 99.8

174 85.7 70.3 105.5





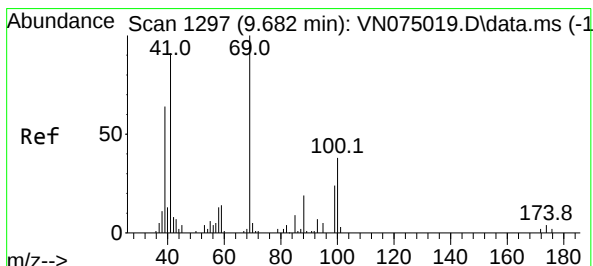
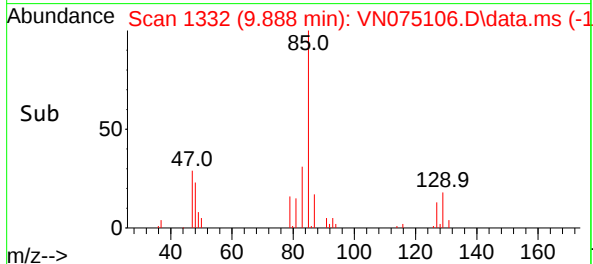
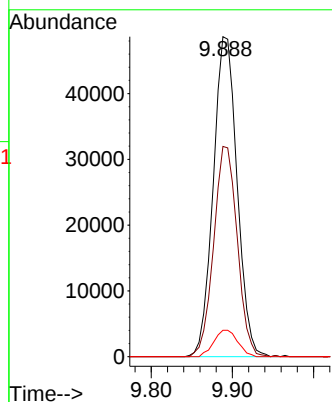
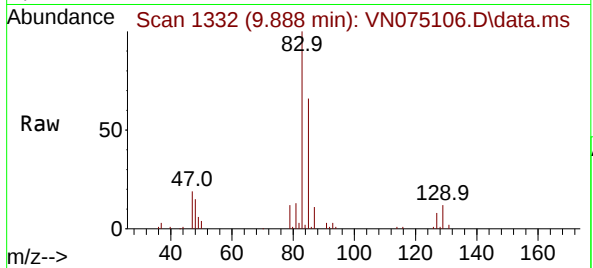
#47
Bromodichloromethane
Concen: 50.983 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9940
Ion Ratio Lower Upper
83 100
85 65.7 52.1 78.1
127 8.2 6.6 10.0

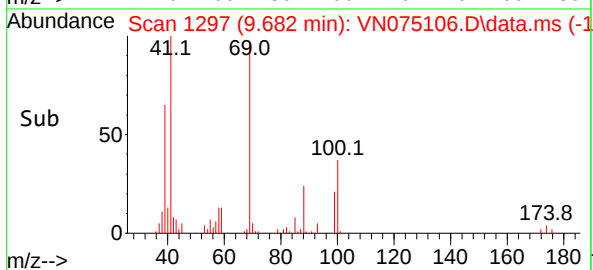
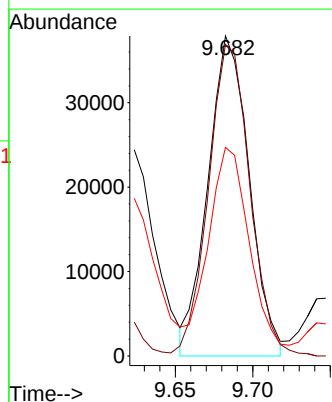
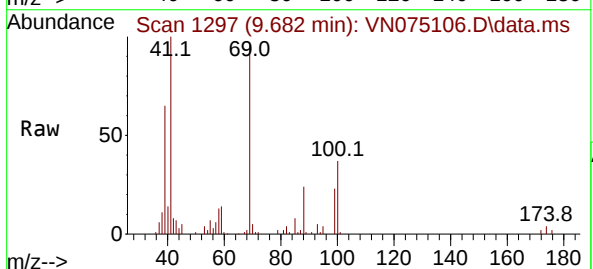
Manual Integrations
APPROVED

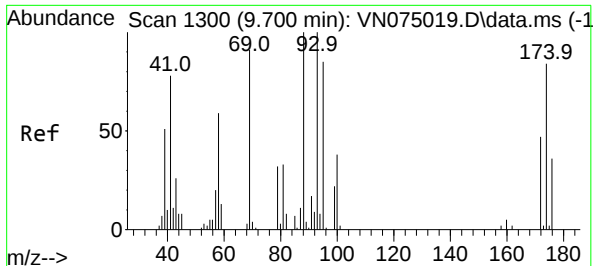
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#48
Methyl methacrylate
Concen: 50.678 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

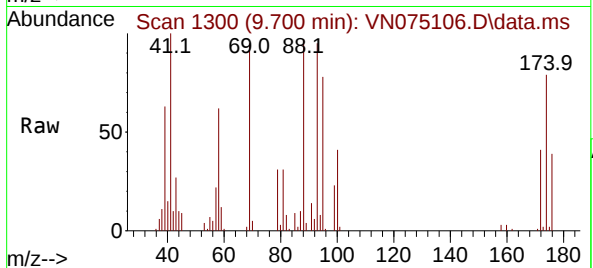
Tgt Ion: 41 Resp: 70135
Ion Ratio Lower Upper
41 100
69 98.1 80.2 120.2
39 66.6 56.2 84.2





#49
1,4-Dioxane
Concen: 968.637 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

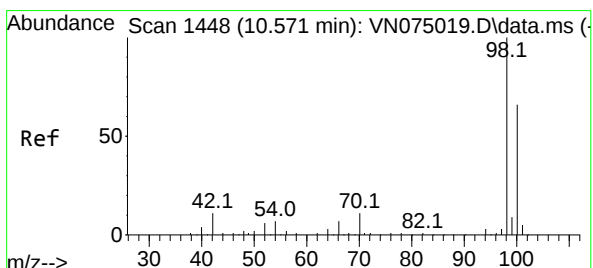
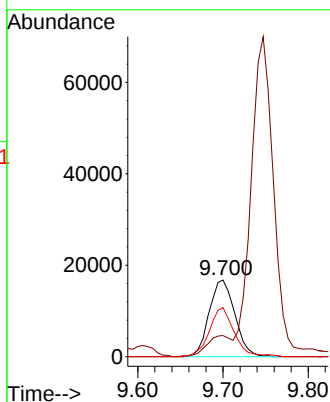
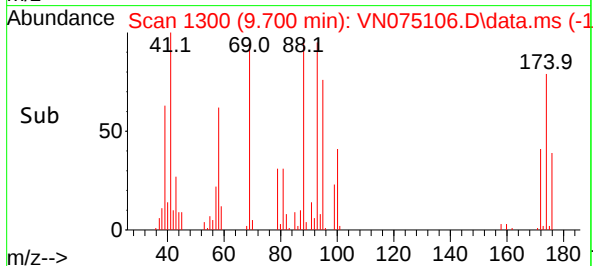
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 3510
Ion Ratio Lower Upper
88 100
43 27.1 17.5 26.3
58 61.9 49.8 74.8

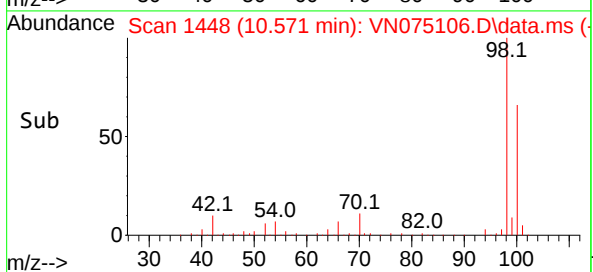
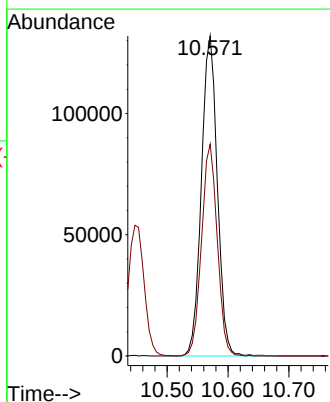
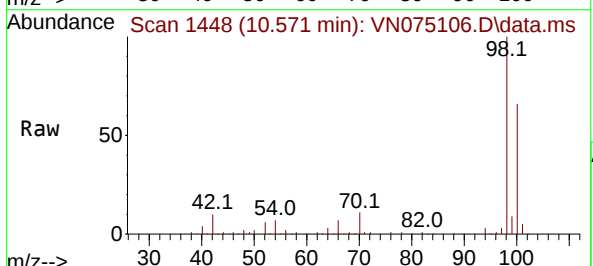
Manual Integrations
APPROVED

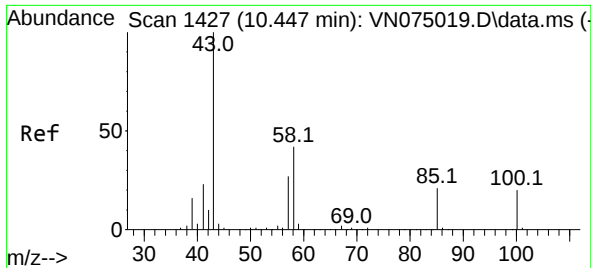
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#50
Toluene-d8
Concen: 53.957 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 98 Resp: 239813
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6





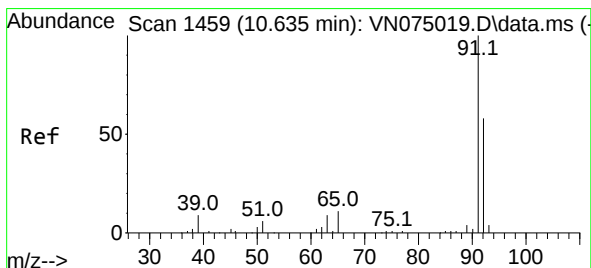
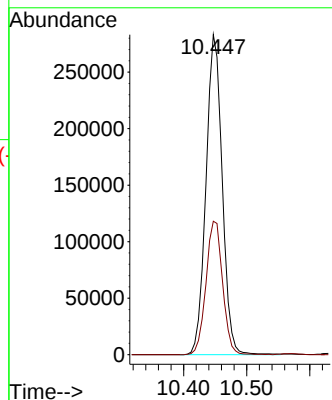
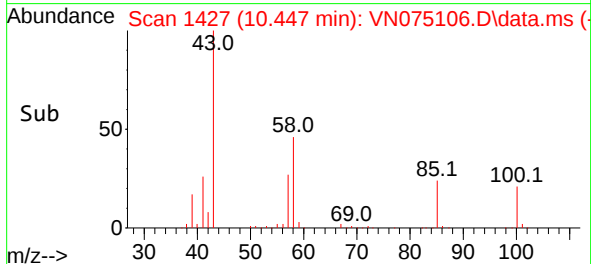
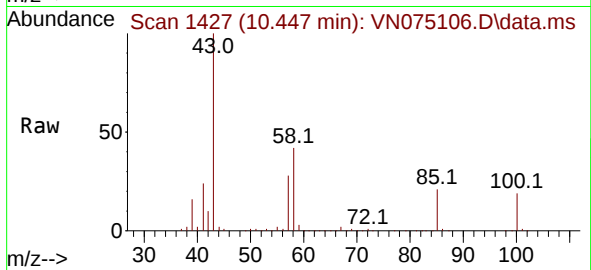
#51
4-Methyl-2-Pentanone
Concen: 260.091 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 506359
Ion Ratio Lower Upper
43 100
58 42.7 33.6 50.4

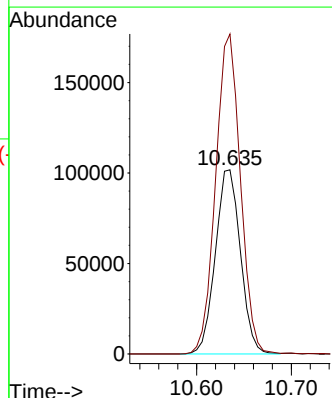
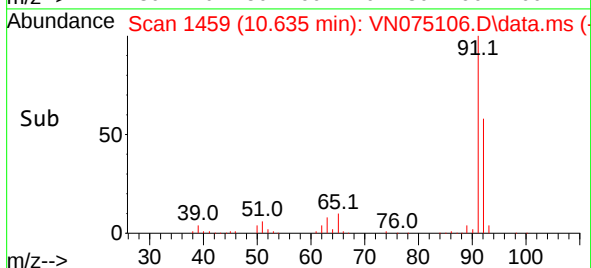
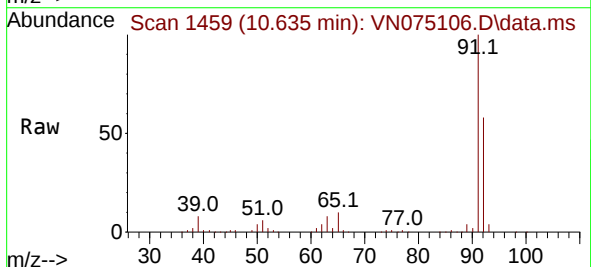
Manual Integrations
APPROVED

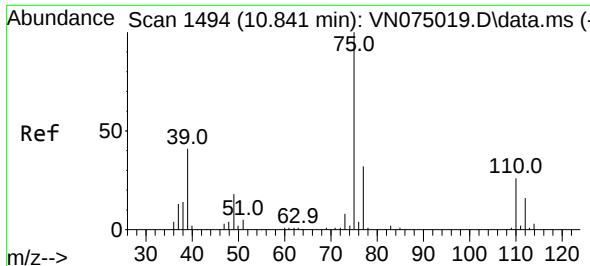
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#52
Toluene
Concen: 51.597 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

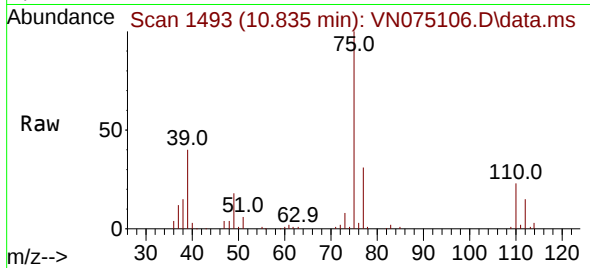
Tgt Ion: 92 Resp: 187297
Ion Ratio Lower Upper
92 100
91 171.9 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 52.521 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

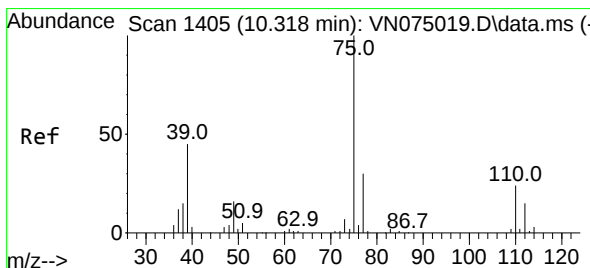
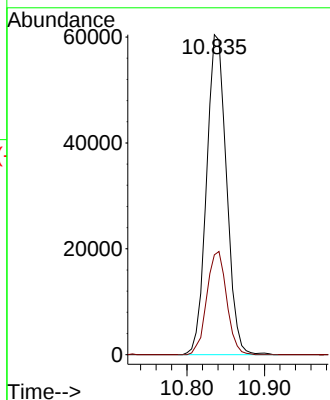
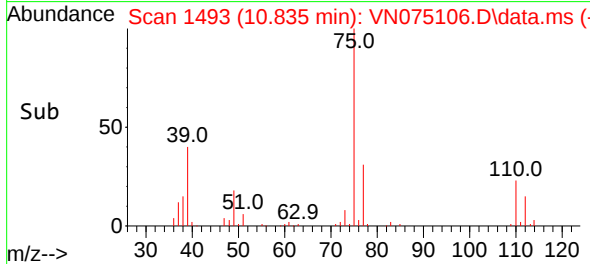
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 10808
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

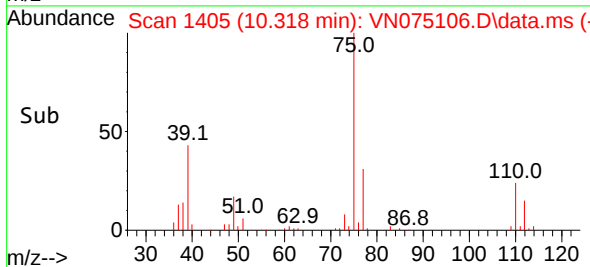
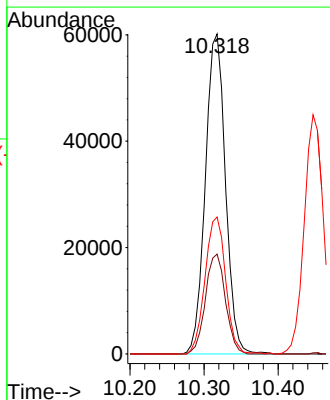
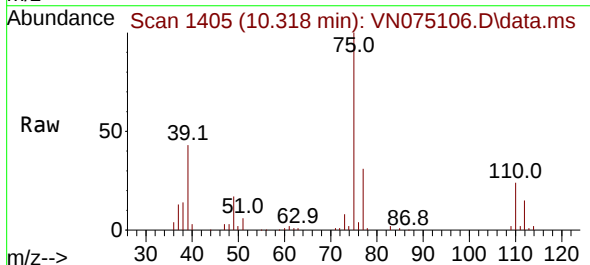
Manual Integrations
APPROVED

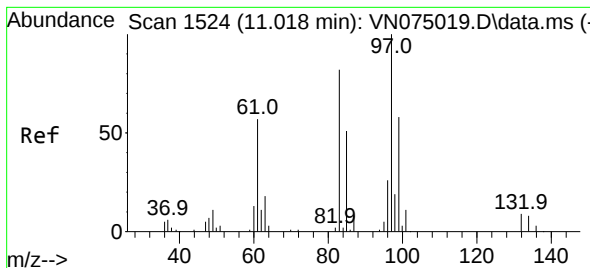
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#54
cis-1,3-Dichloropropene
Concen: 52.025 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

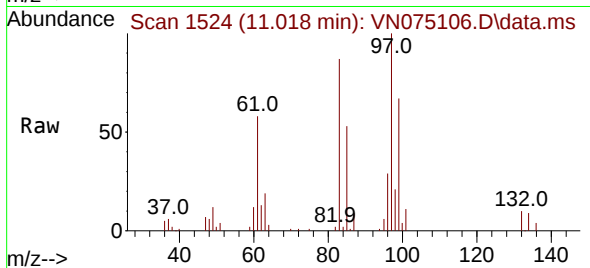
Tgt Ion: 75 Resp: 113558
Ion Ratio Lower Upper
75 100
77 31.2 23.7 35.5
39 42.8 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 51.479 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

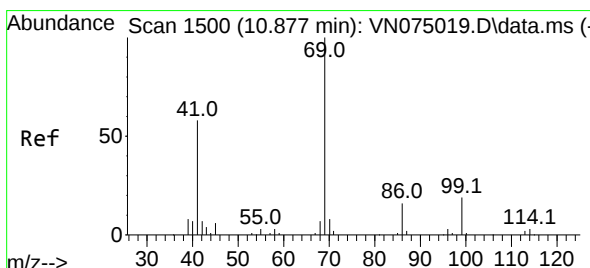
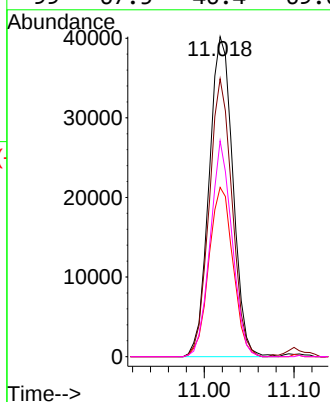
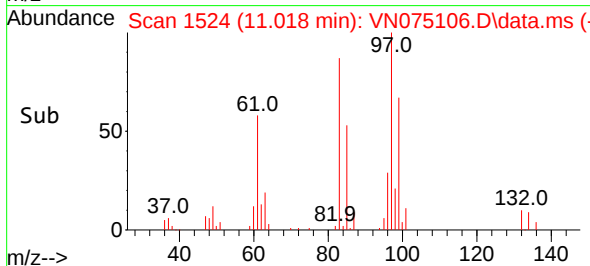
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



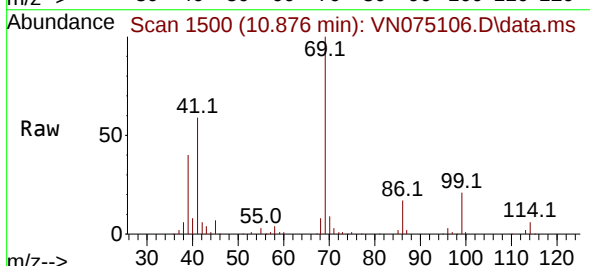
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.9	98.9
85	52.9	40.4	60.6
99	67.5	46.4	69.6

Manual Integrations
APPROVED

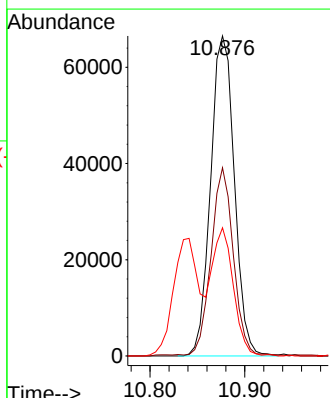
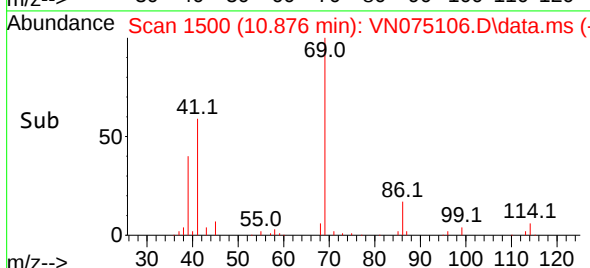
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

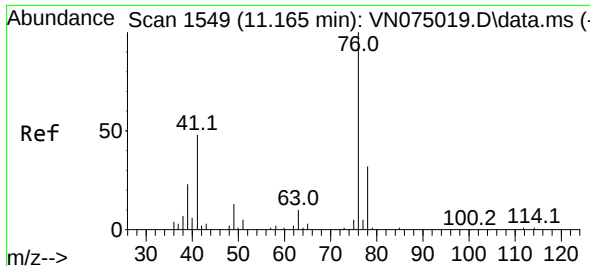


#56
Ethyl methacrylate
Concen: 52.779 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46



Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.6	68.4
39	35.6	28.5	42.7





#57

1,3-Dichloropropane

Concen: 51.388 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 123170

Ion Ratio Lower Upper

76 100

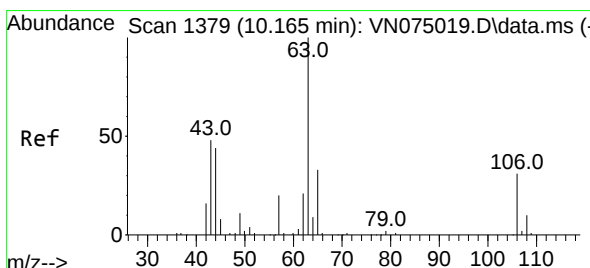
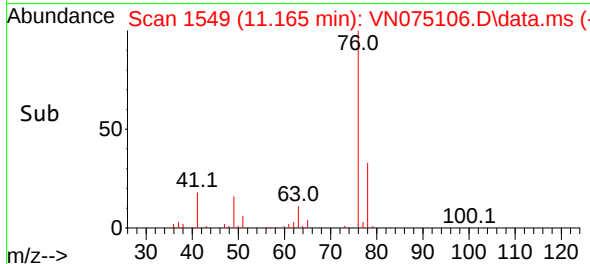
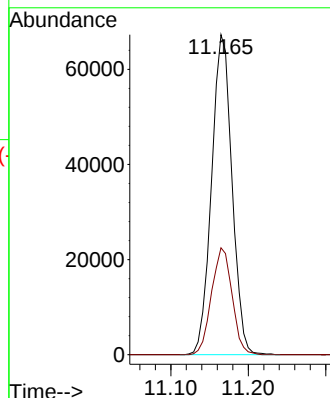
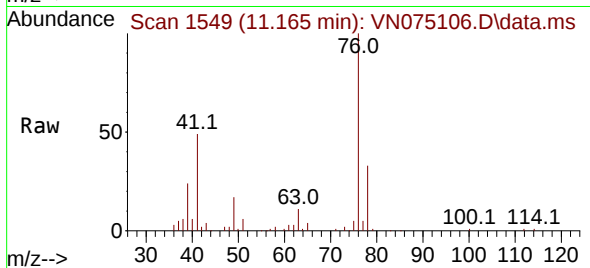
78 33.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 276.955 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075106.D

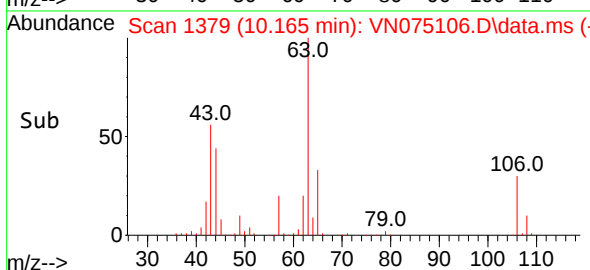
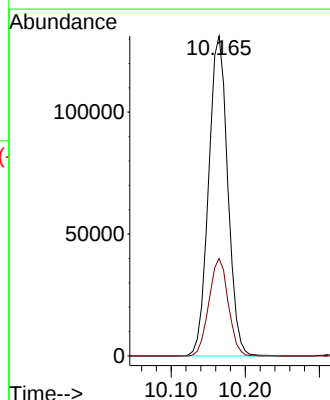
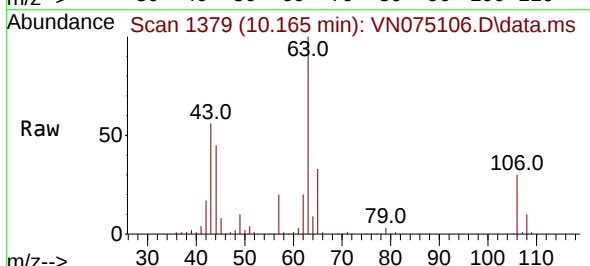
Acq: 01 Nov 2022 18:46

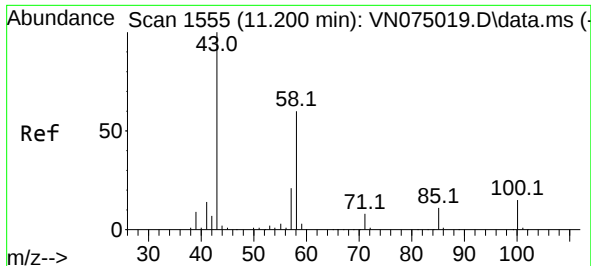
Tgt Ion: 63 Resp: 235073

Ion Ratio Lower Upper

63 100

106 30.7 24.8 37.2





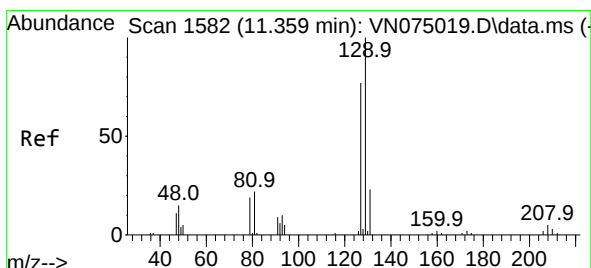
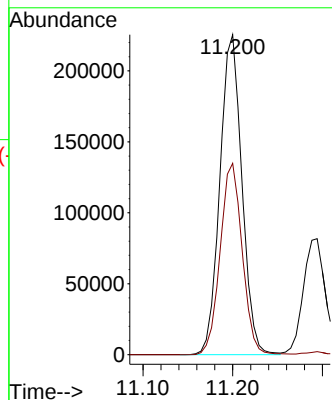
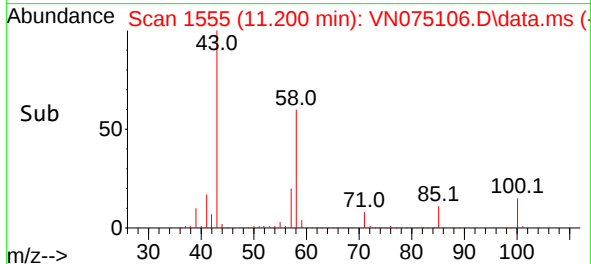
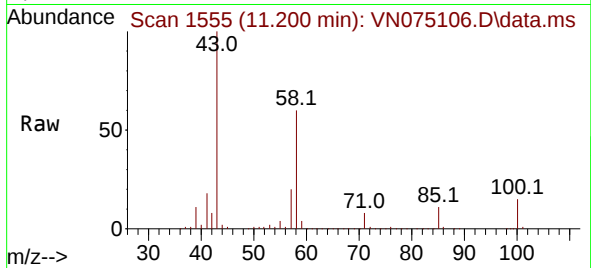
#59
2-Hexanone
Concen: 260.069 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 38427
Ion Ratio Lower Upper
43 100
58 59.9 29.6 88.8

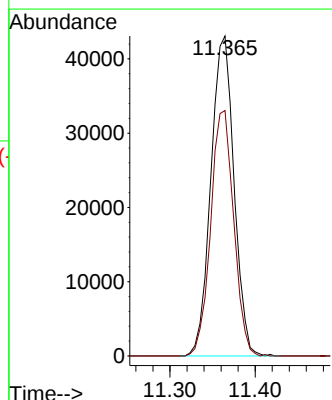
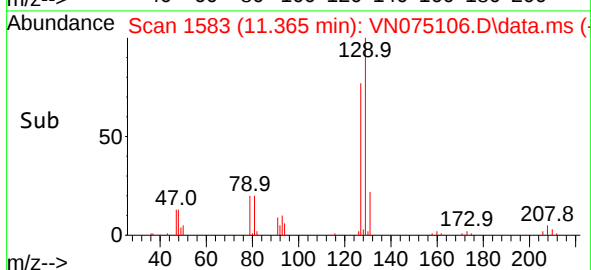
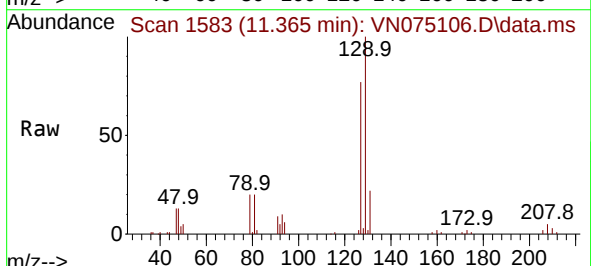
Manual Integrations
APPROVED

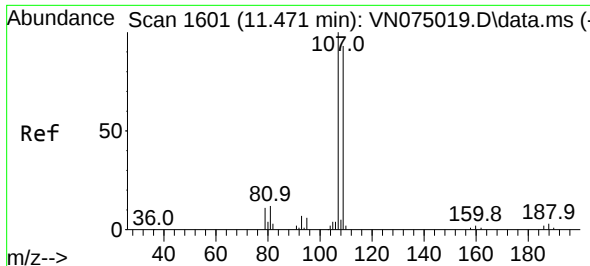
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#60
Dibromochloromethane
Concen: 53.502 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

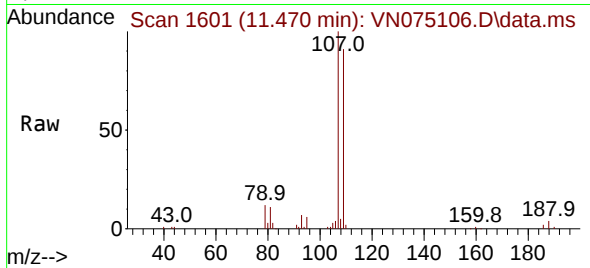
Tgt Ion:129 Resp: 81245
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.946 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

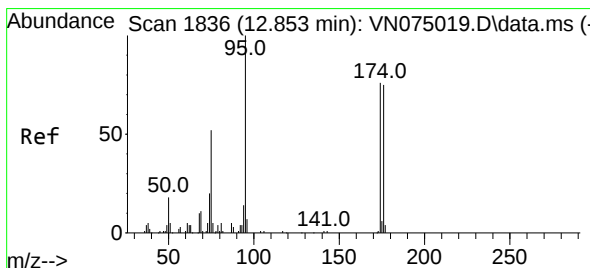
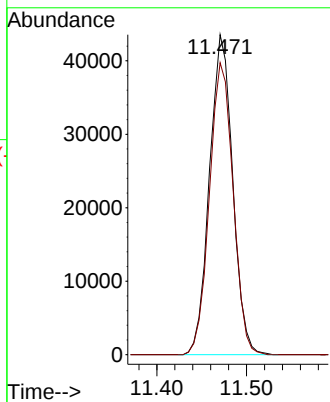
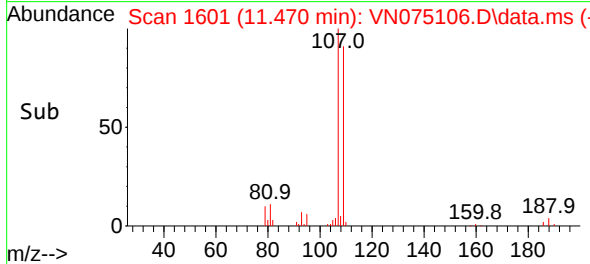
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



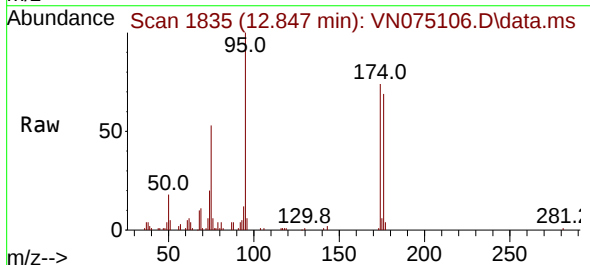
Tgt Ion:107 Resp: 7809
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

Manual Integrations
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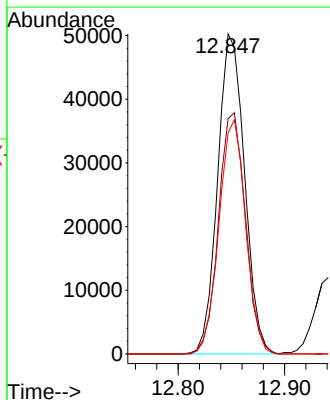
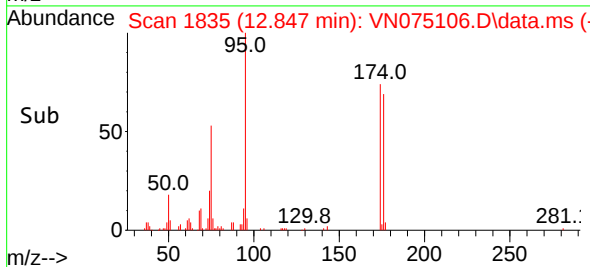
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

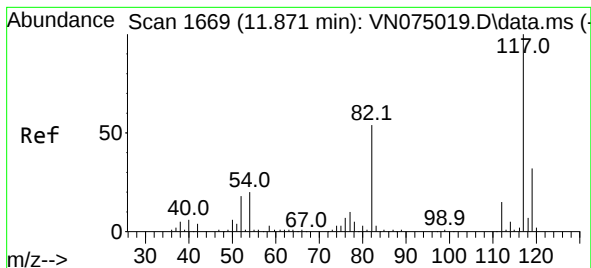


#62
4-Bromofluorobenzene
Concen: 56.395 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46



Tgt Ion: 95 Resp: 88048
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.4
176 72.7 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 18485

Ion Ratio Lower Upper

117 100

82 56.4 43.1 64.7

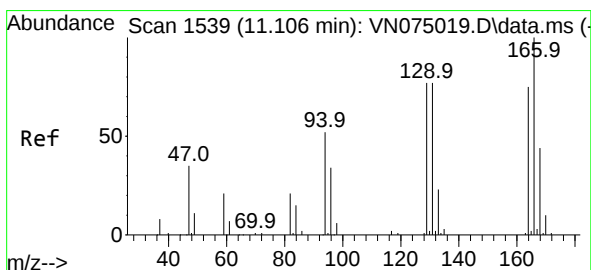
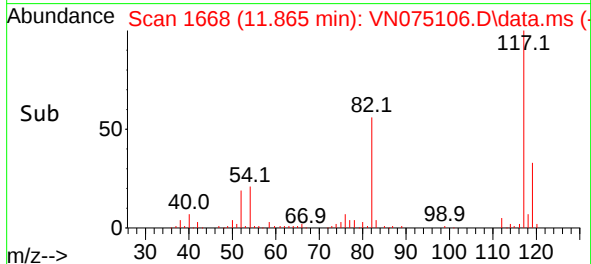
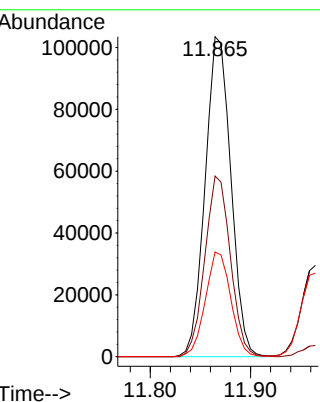
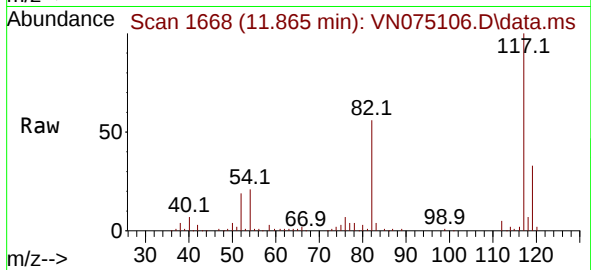
119 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#64

Tetrachloroethene

Concen: 50.179 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Tgt Ion:164 Resp: 56869

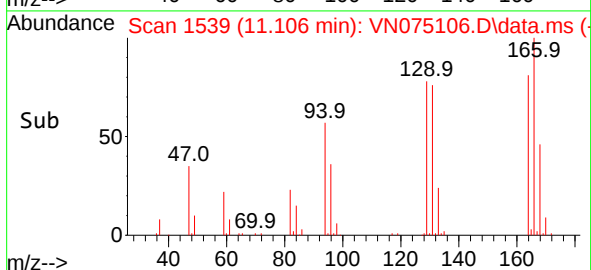
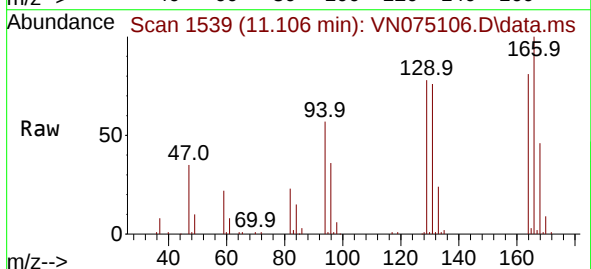
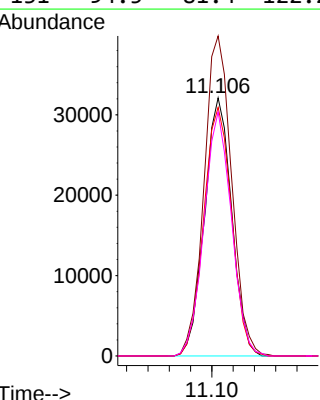
Ion Ratio Lower Upper

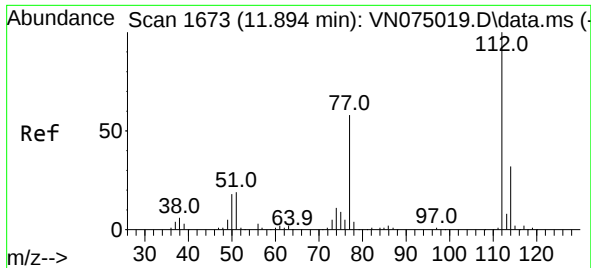
164 100

166 124.0 106.5 159.7

129 96.3 81.9 122.9

131 94.5 81.4 122.2





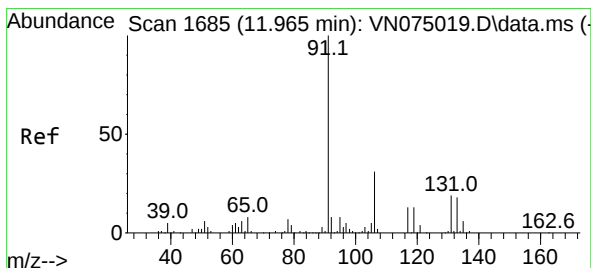
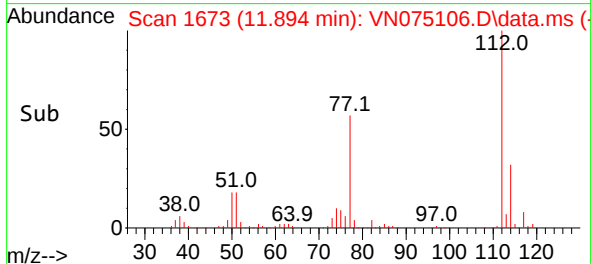
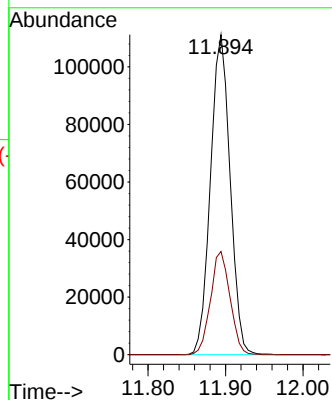
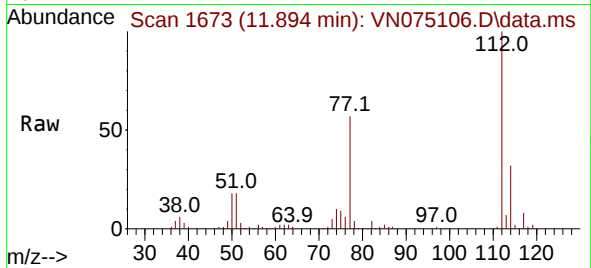
#65
Chlorobenzene
Concen: 49.585 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 19565
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

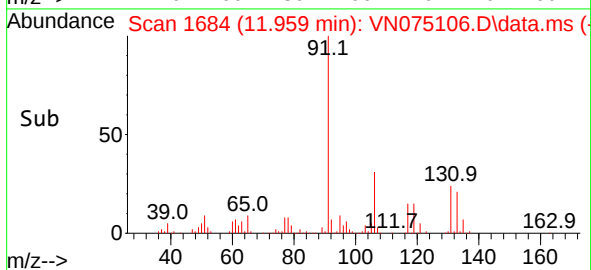
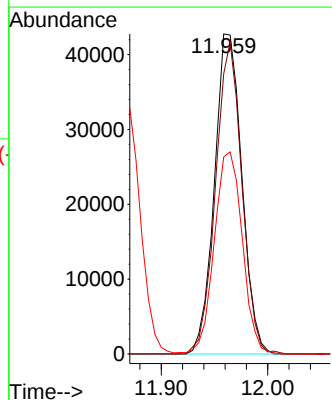
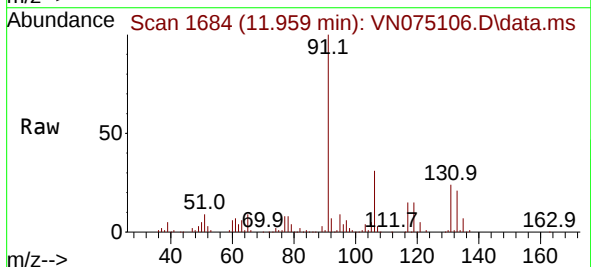
Manual Integrations
APPROVED

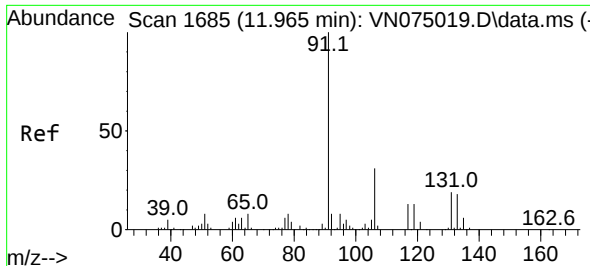
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.163 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

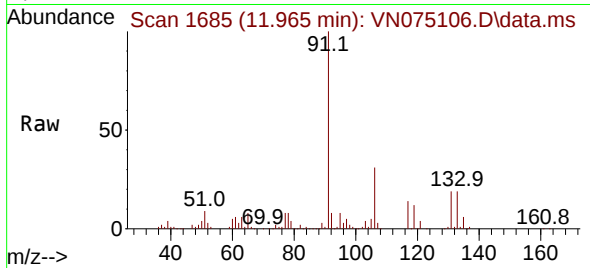
Tgt Ion:131 Resp: 76352
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.4
119 64.5 33.0 99.0





#67
Ethyl Benzene
Concen: 51.504 ug/l
RT: 11.965 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

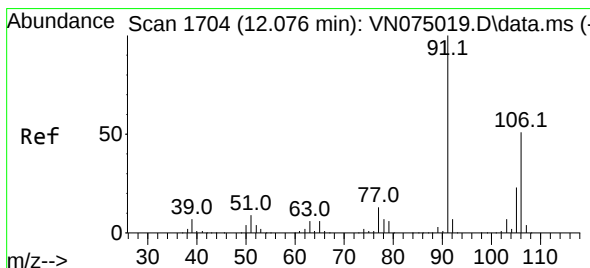
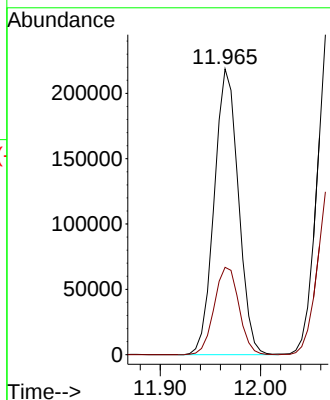
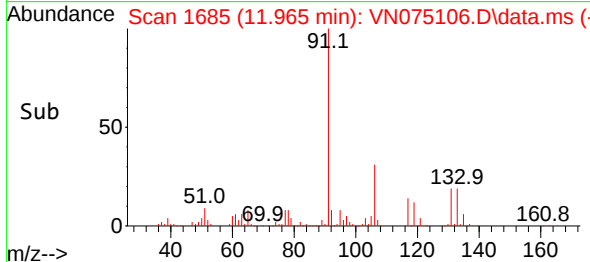
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



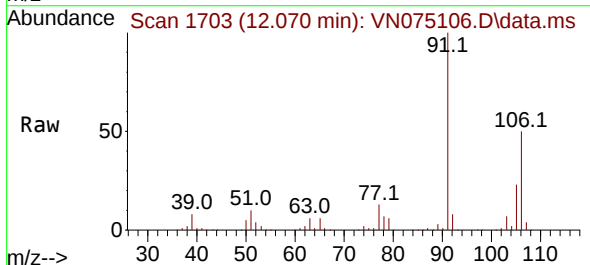
Tgt Ion: 91 Resp: 365627
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
APPROVED

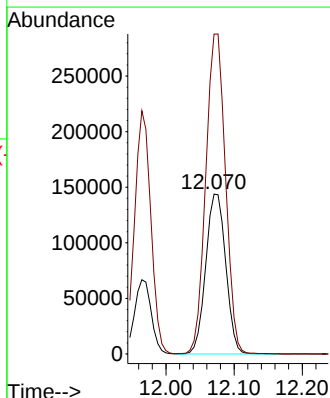
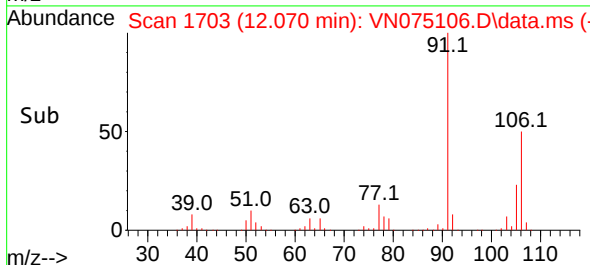
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

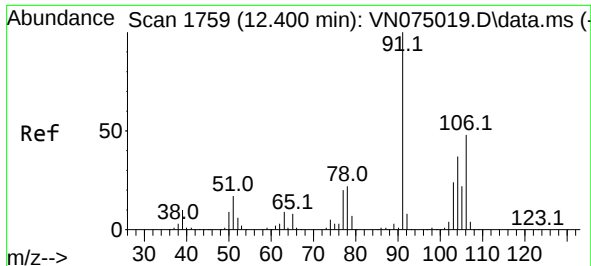


#68
m/p-Xylenes
Concen: 103.019 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46



Tgt Ion:106 Resp: 293447
Ion Ratio Lower Upper
106 100
91 197.5 156.0 234.0





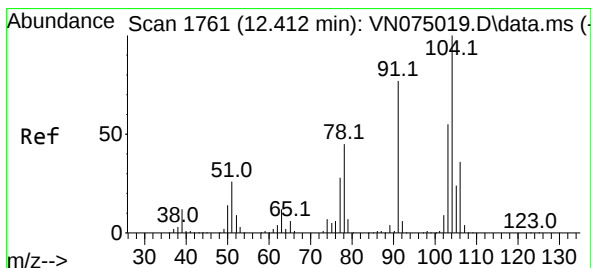
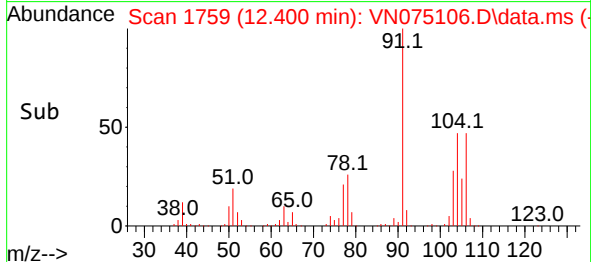
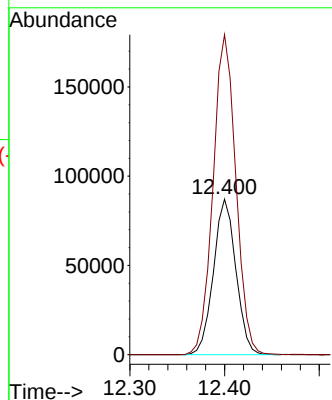
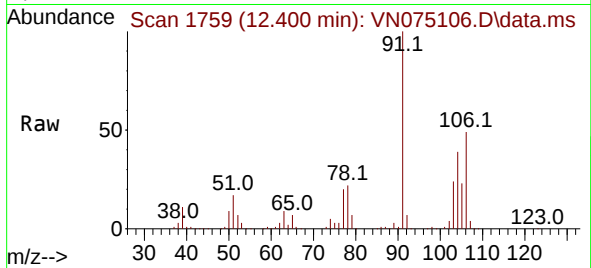
#69
o-Xylene
Concen: 50.872 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 143300
Ion Ratio Lower Upper
106 100
91 209.2 105.2 315.5

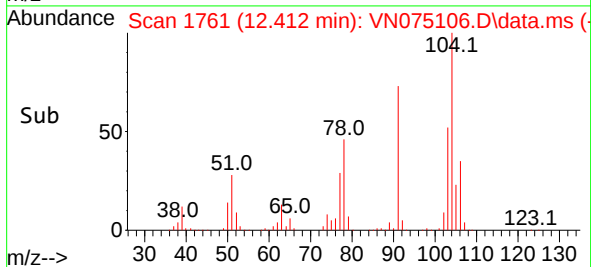
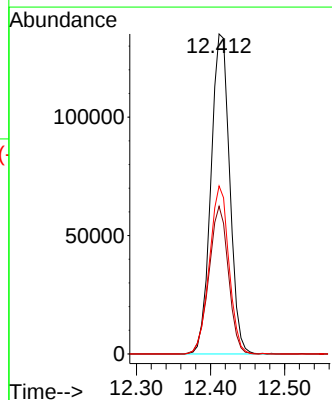
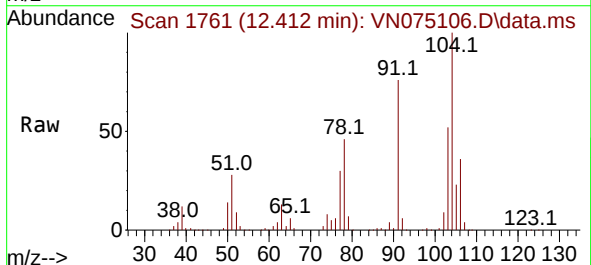
Manual Integrations
APPROVED

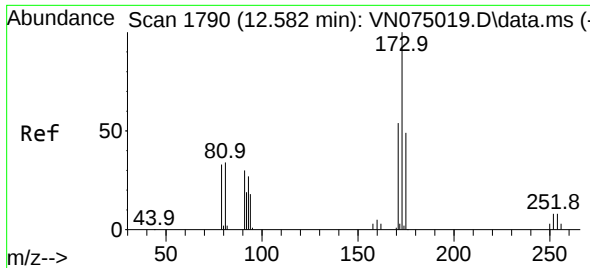
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#70
Styrene
Concen: 52.920 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

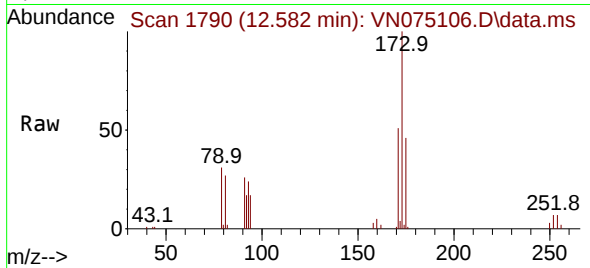
Tgt Ion:104 Resp: 237700
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 54.4 44.6 66.8





#71
Bromoform
Concen: 55.037 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

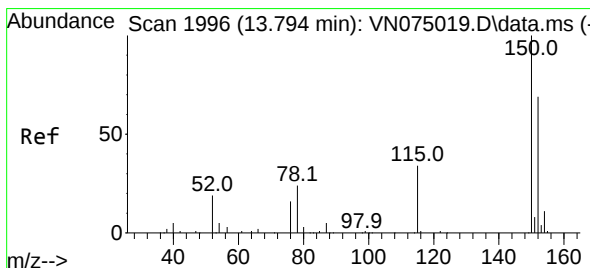
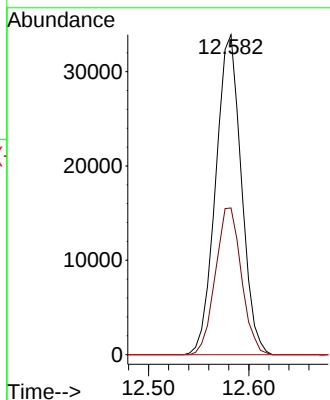
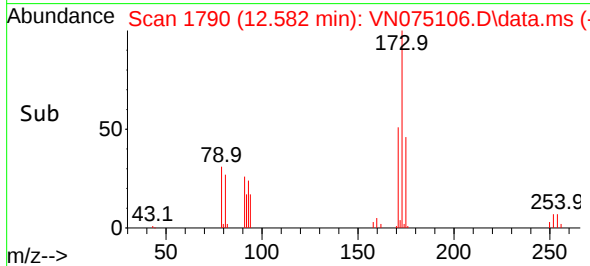
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



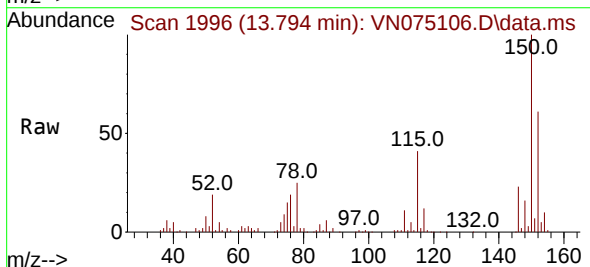
Tgt Ion:173 Resp: 60315
Ion Ratio Lower Upper
173 100
175 46.5 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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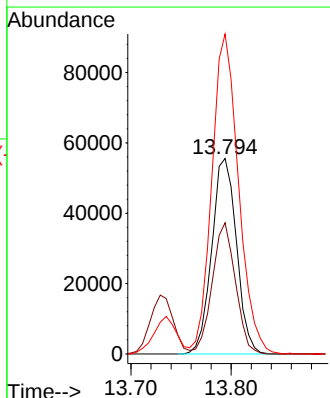
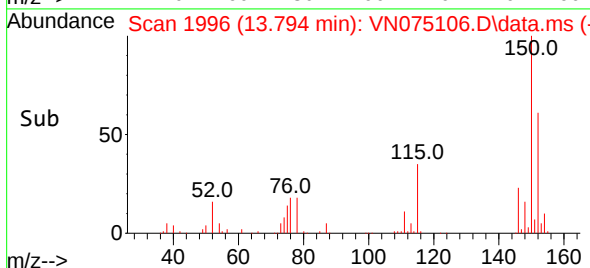
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

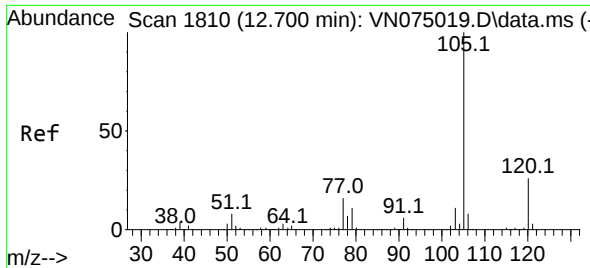


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46



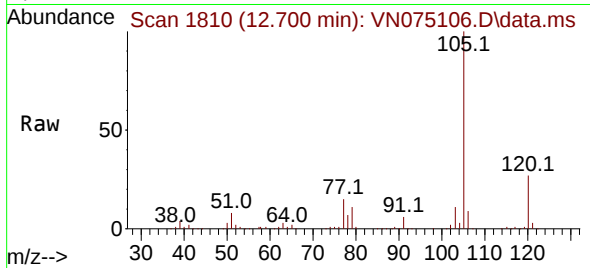
Tgt Ion:152 Resp: 95209
Ion Ratio Lower Upper
152 100
115 63.1 30.2 90.6
150 176.2 0.0 348.4





#73
Isopropylbenzene
Concen: 49.296 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

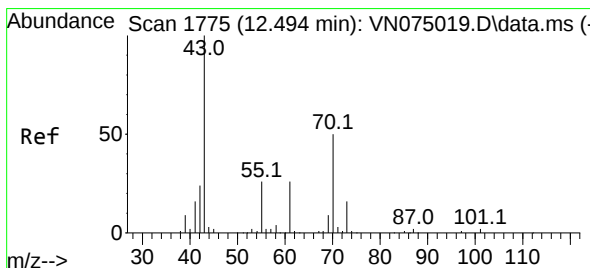
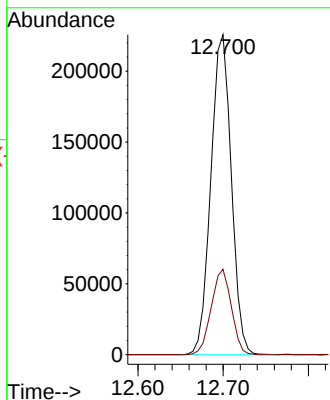
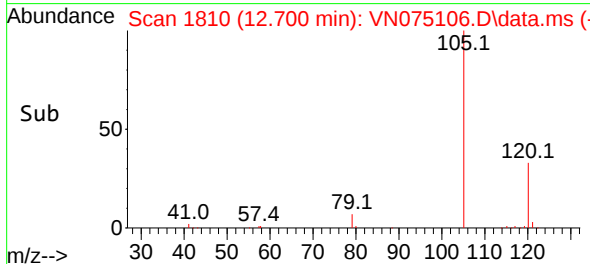
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



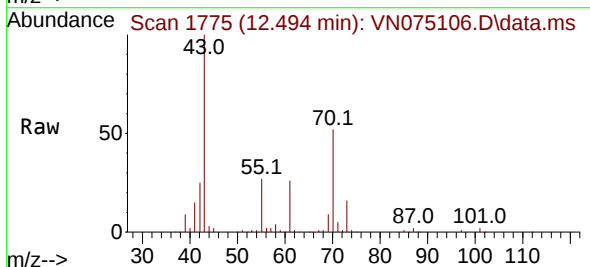
Tgt Ion:105 Resp: 376792
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations
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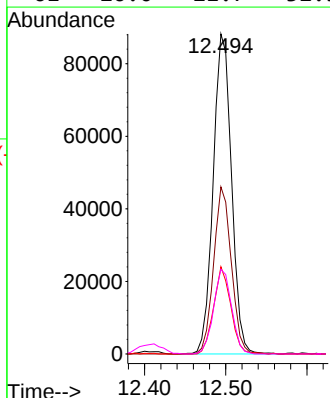
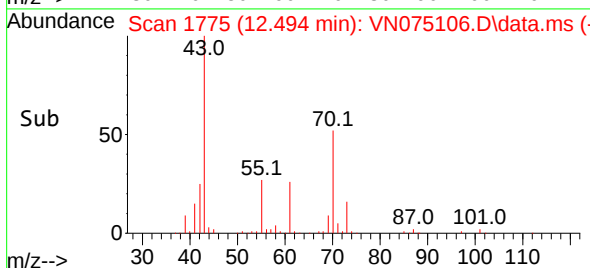
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

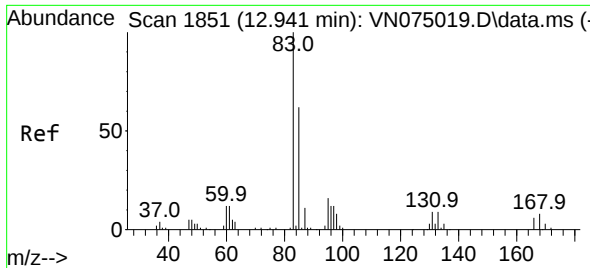


#74
N-ethyl acetate
Concen: 48.929 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46



Tgt Ion: 43 Resp: 138322
Ion Ratio Lower Upper
43 100
70 50.5 39.8 59.8
55 25.6 19.9 29.9
61 26.0 21.7 32.5





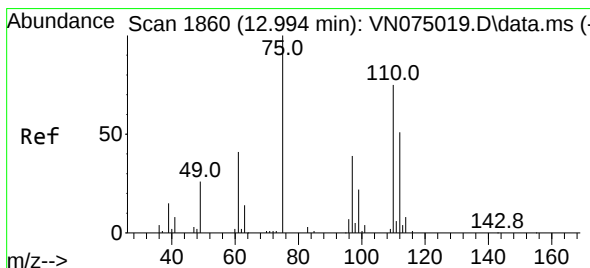
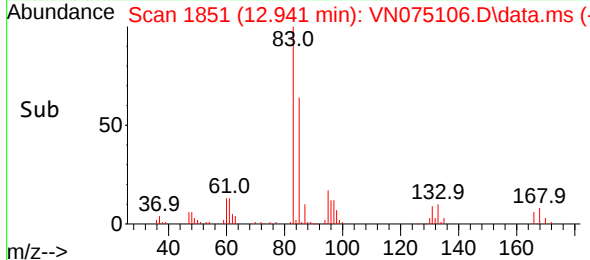
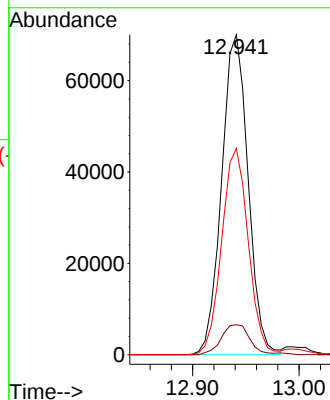
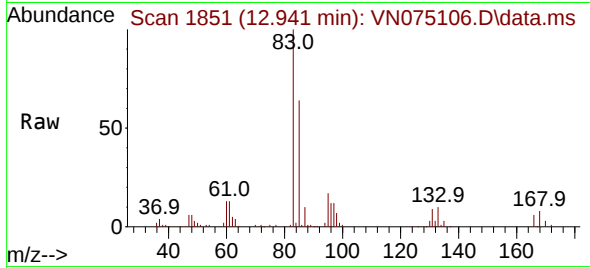
#75
1,1,2,2-Tetrachloroethane
Concen: 55.036 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 120745
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.7 31.6 94.7

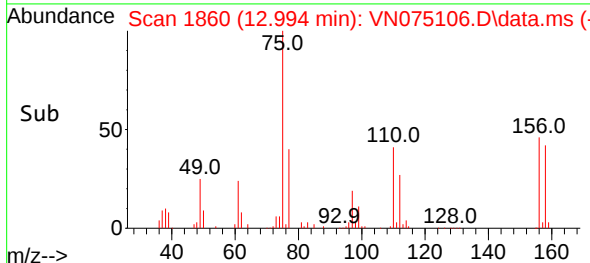
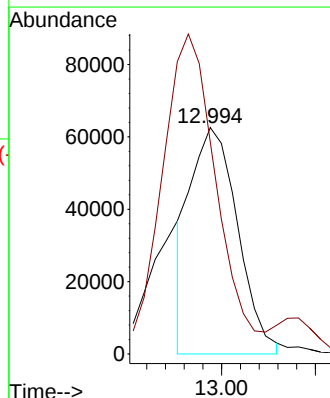
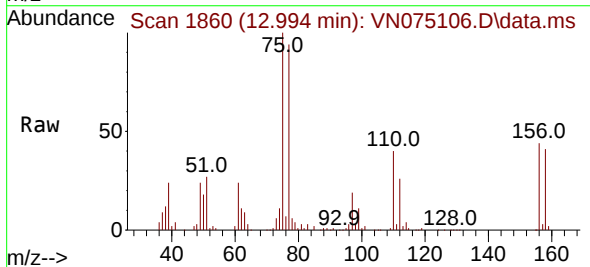
Manual Integrations
APPROVED

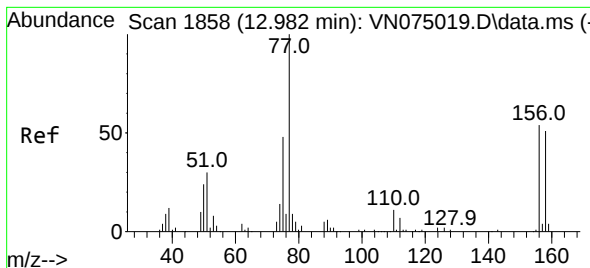
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#76
1,2,3-Trichloropropane
Concen: 54.380 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 75 Resp: 109931
Ion Ratio Lower Upper
75 100
77 163.2 75.6 226.8





#77

Bromobenzene

Concen: 49.252 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

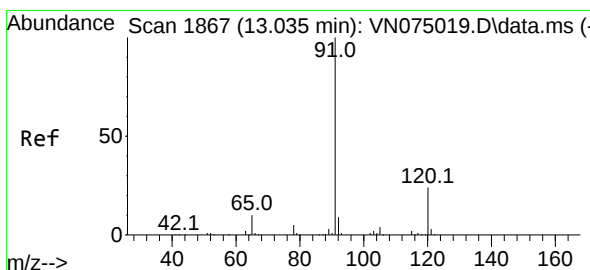
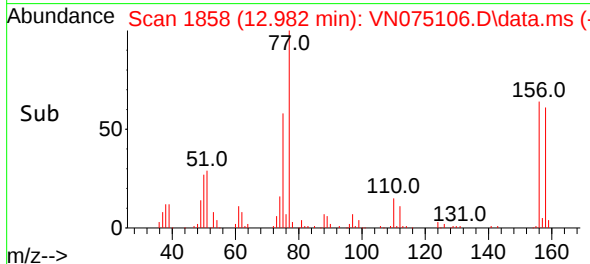
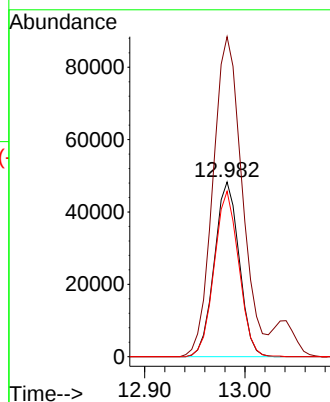
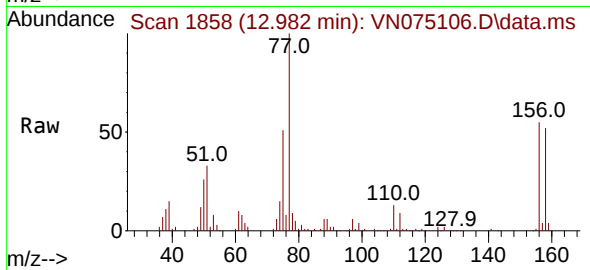
VSTDCCC050EC

Tgt Ion:	156	Resp:	8289
Ion Ratio	Lower	Upper	
156	100		
77	216.5	108.5	325.5
158	94.0	47.7	143.1

Manual Integrations

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Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#78

n-propylbenzene

Concen: 50.498 ug/l

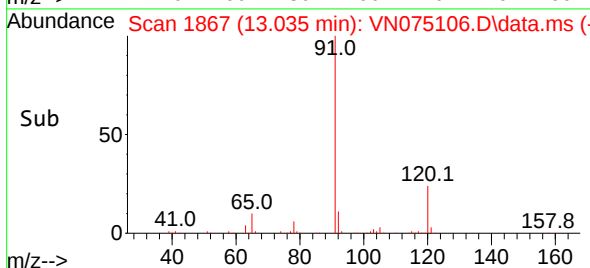
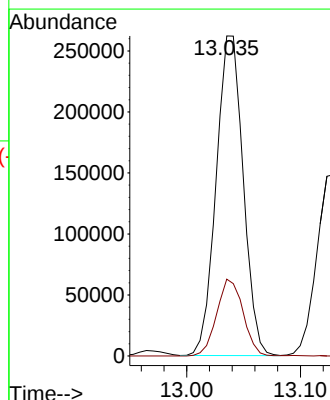
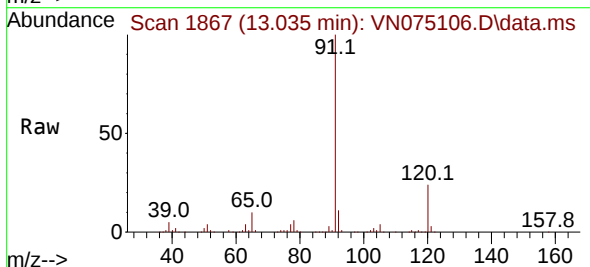
RT: 13.035 min Scan# 1867

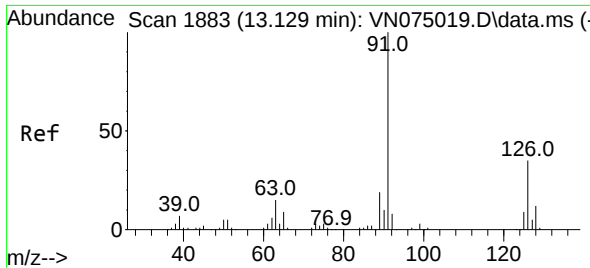
Delta R.T. 0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Tgt Ion:	91	Resp:	433354
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5





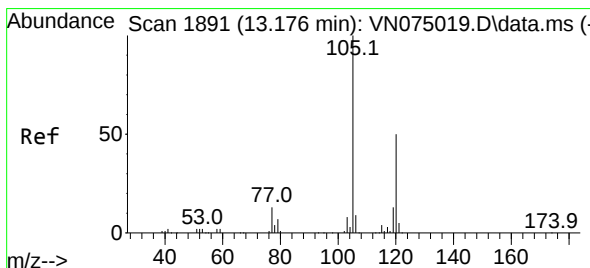
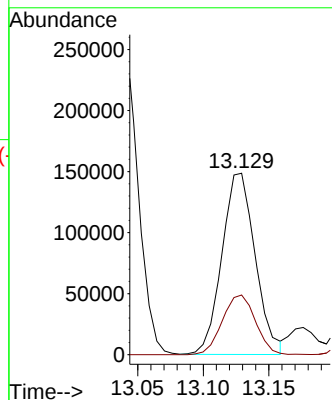
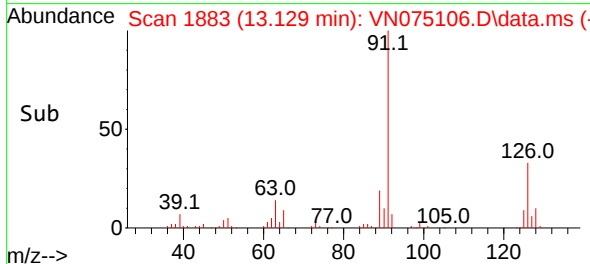
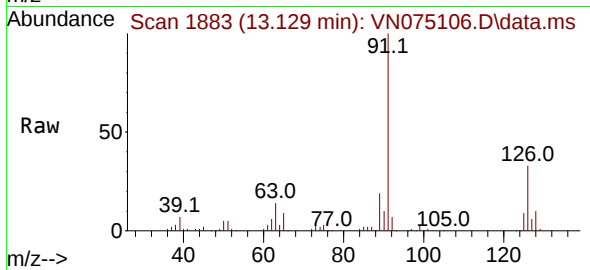
#79
2-Chlorotoluene
Concen: 50.032 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 26236
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.7

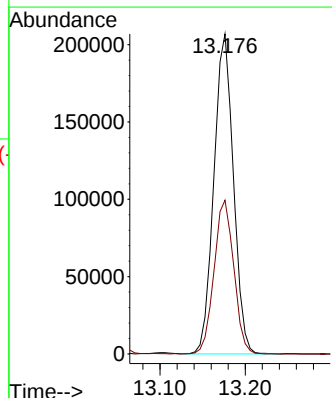
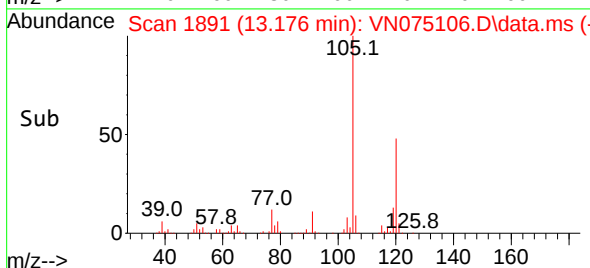
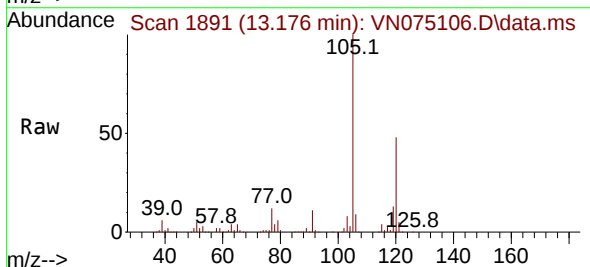
Manual Integrations
APPROVED

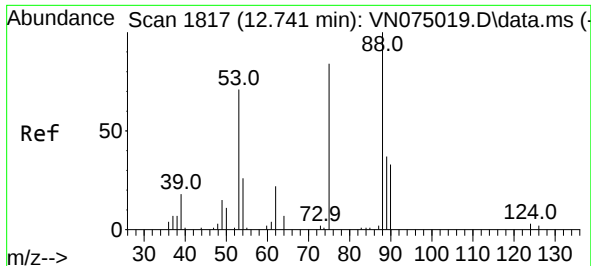
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.321 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

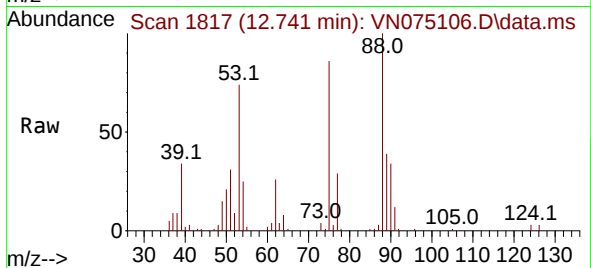
Tgt Ion:105 Resp: 329476
Ion Ratio Lower Upper
105 100
120 48.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 56.113 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

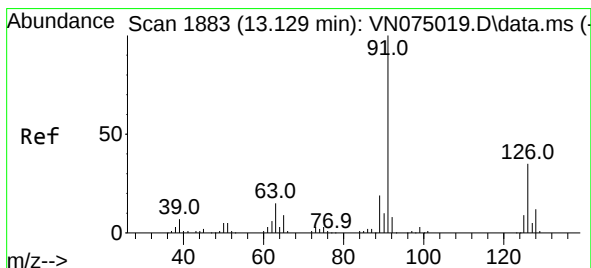
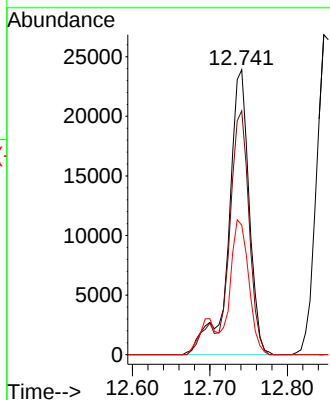
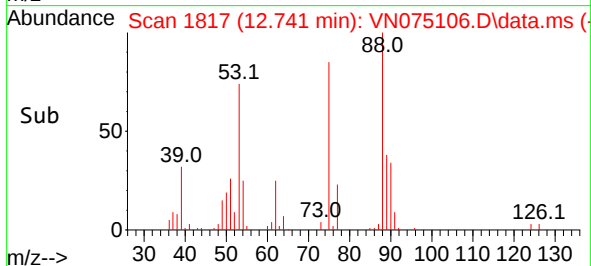
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 44190
Ion Ratio Lower Upper
75 100
53 78.9 78.5 117.7
89 42.1 37.7 56.5

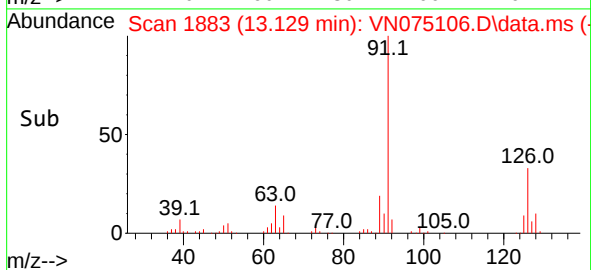
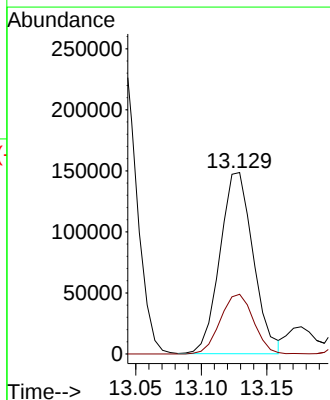
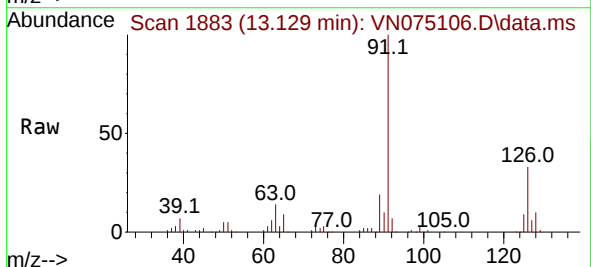
Manual Integrations
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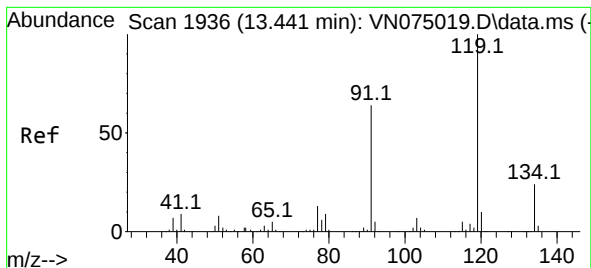
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#82
4-Chlorotoluene
Concen: 50.032 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

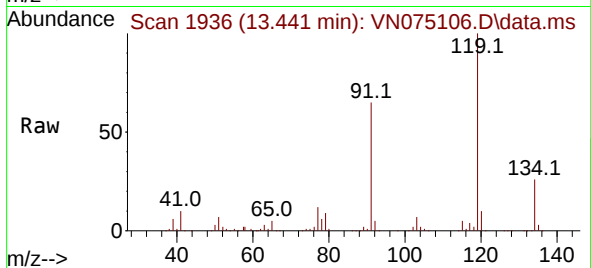
Tgt Ion: 91 Resp: 262367
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 50.145 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

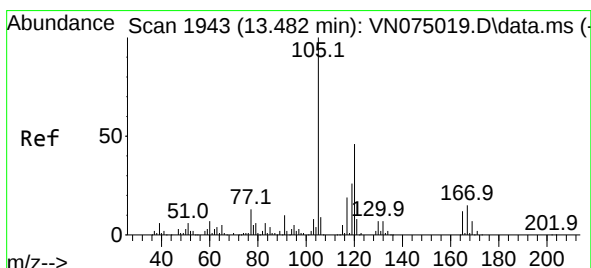
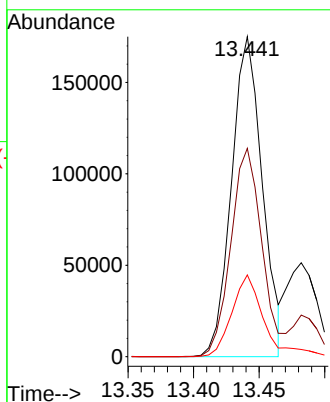
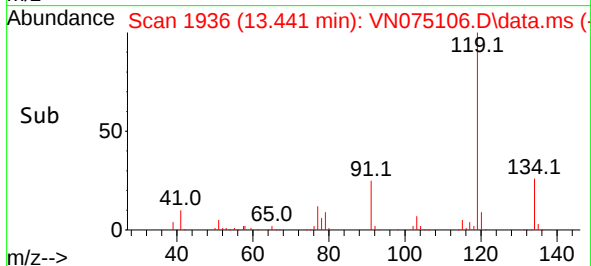
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



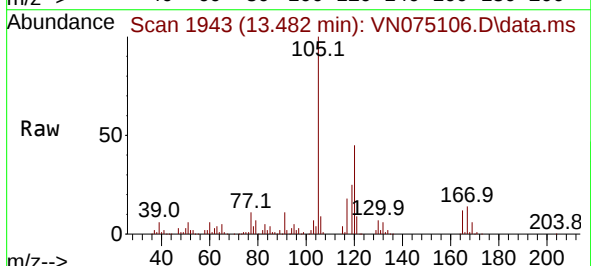
Tgt Ion:119 Resp: 286052
Ion Ratio Lower Upper
119 100
91 66.4 32.8 98.4
134 26.6 12.3 36.9

Manual Integrations
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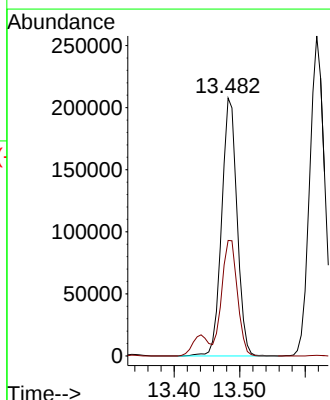
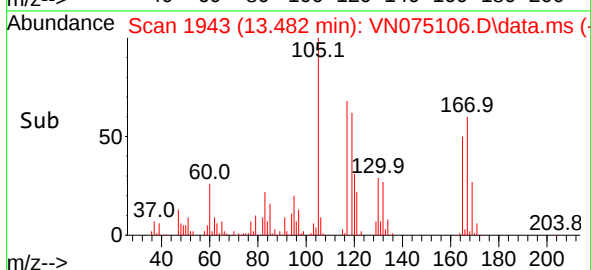
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

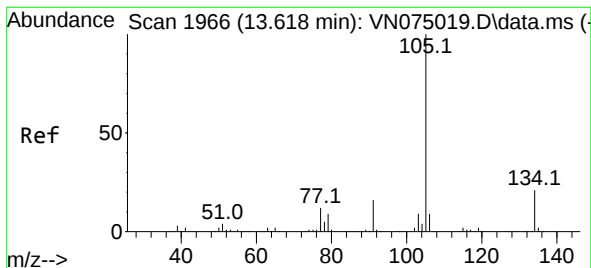


#84
1,2,4-Trimethylbenzene
Concen: 51.905 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46



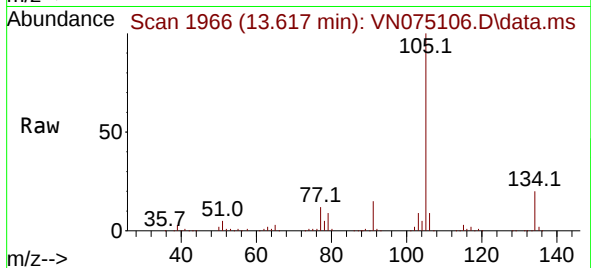
Tgt Ion:105 Resp: 337156
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 51.143 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075106.D
 Acq: 01 Nov 2022 18:46

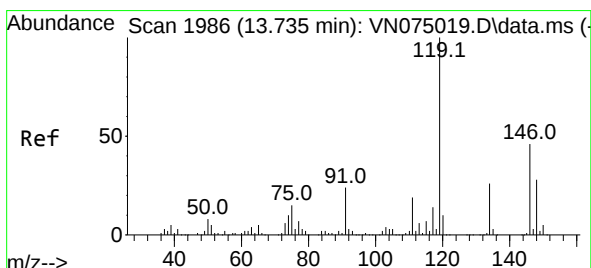
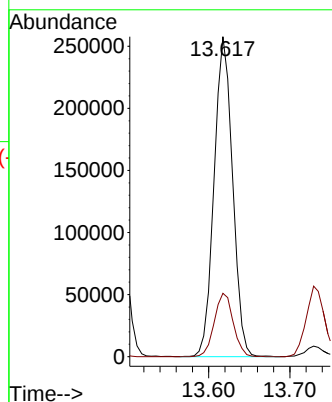
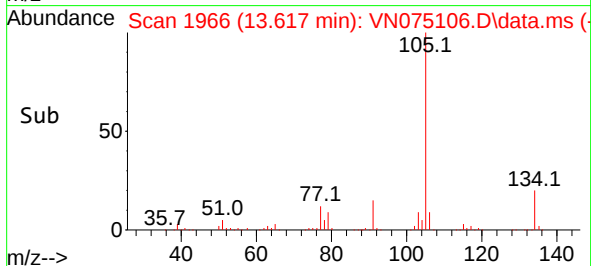
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



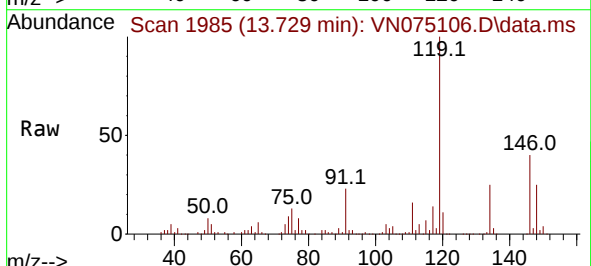
Tgt Ion:105 Resp: 408129
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

Manual Integrations
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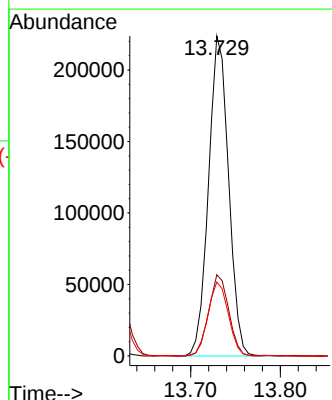
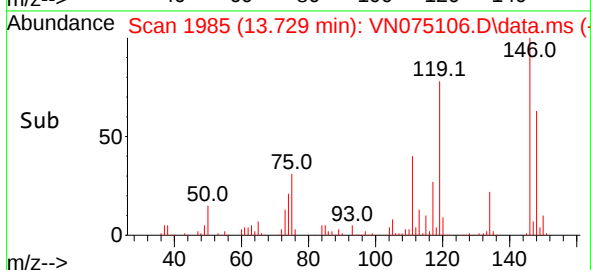
Reviewed By :John Carbone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

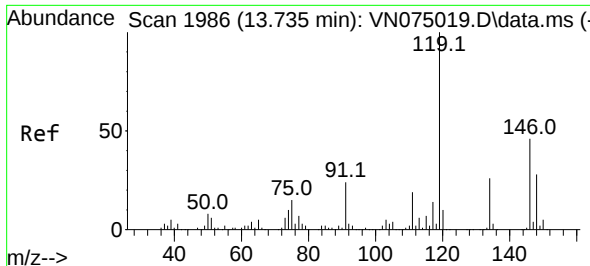


#86
 p-Isopropyltoluene
 Concen: 52.731 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075106.D
 Acq: 01 Nov 2022 18:46



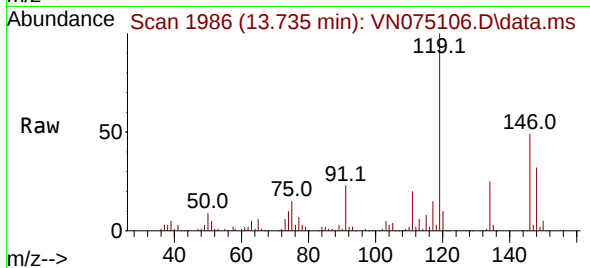
Tgt Ion:119 Resp: 347530
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.3
 91 23.4 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 50.928 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075106.D
 Acq: 01 Nov 2022 18:46

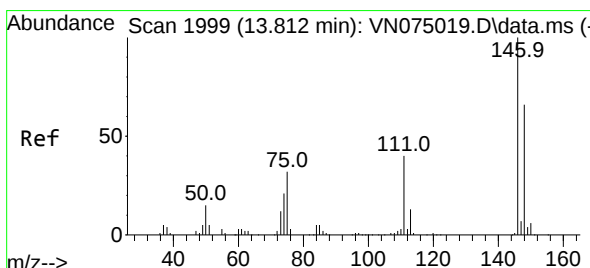
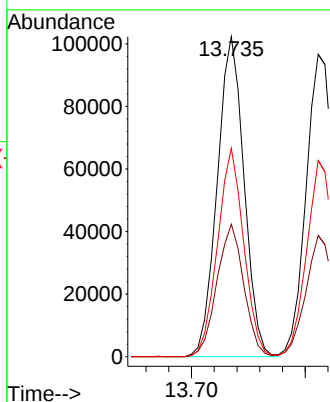
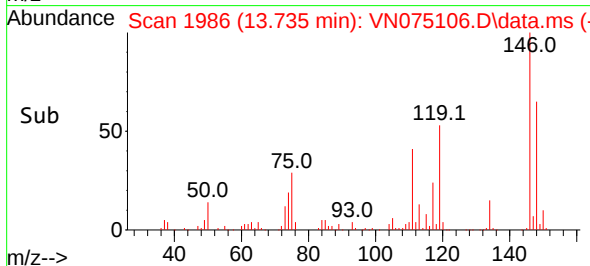
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



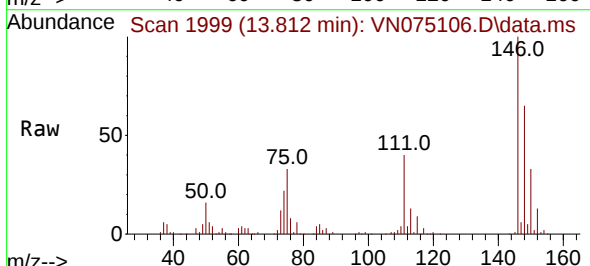
Tgt Ion:146 Resp: 16782
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 63.7 31.1 93.5

Manual Integrations
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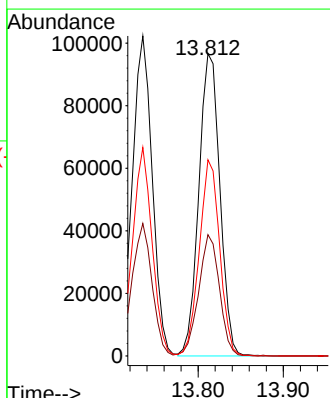
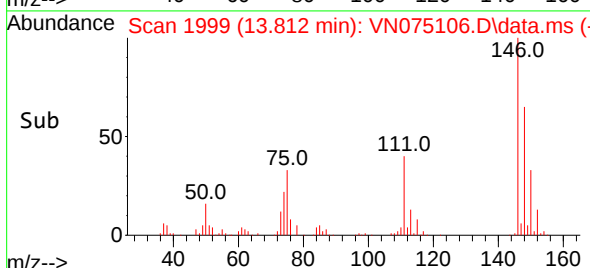
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

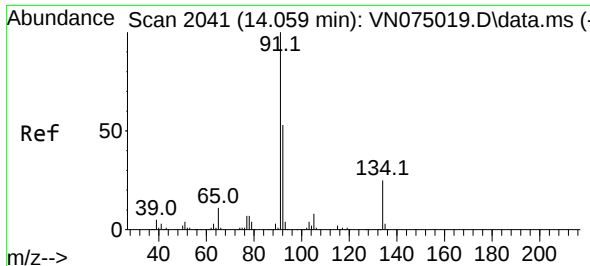


#88
 1,4-Dichlorobenzene
 Concen: 50.898 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075106.D
 Acq: 01 Nov 2022 18:46



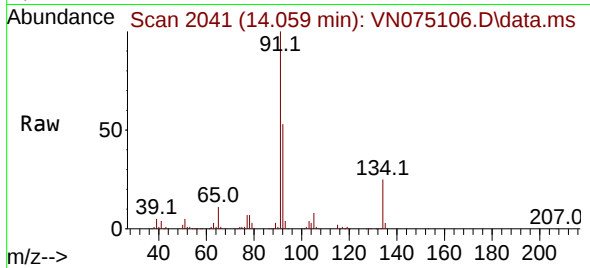
Tgt Ion:146 Resp: 165991
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.1 60.3
 148 62.7 31.9 95.7





#89
n-Butylbenzene
Concen: 53.212 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

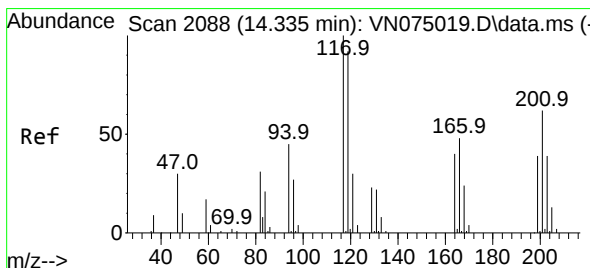
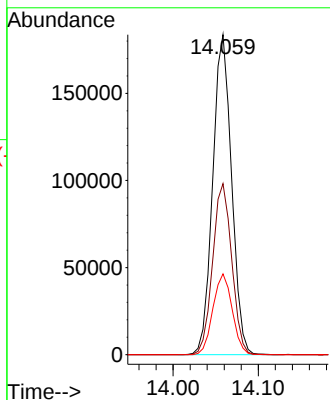
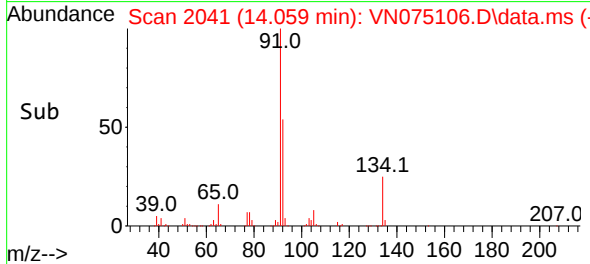
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 282408
Ion Ratio Lower Upper
91 100
92 54.1 26.5 79.4
134 25.8 13.0 39.0

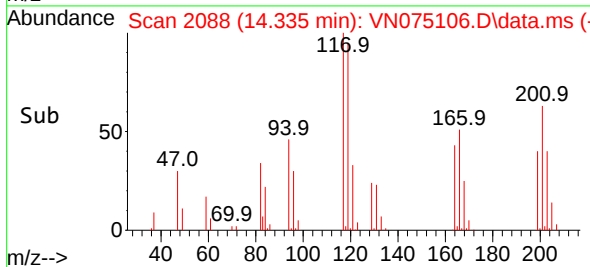
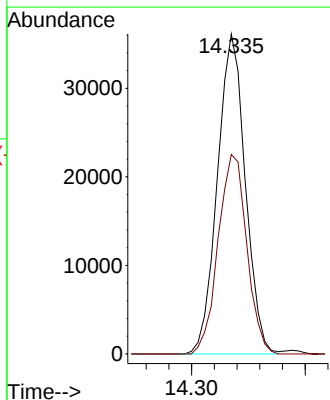
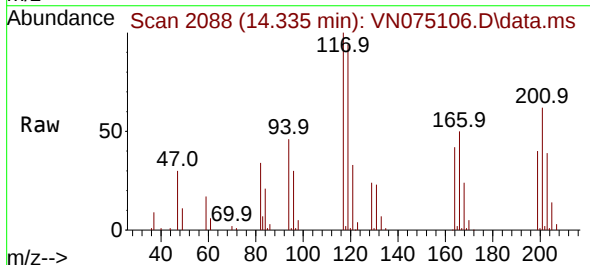
Manual Integrations
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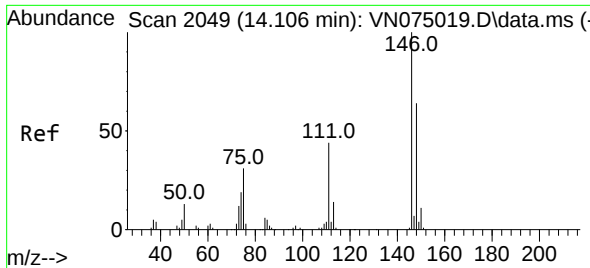
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#90
Hexachloroethane
Concen: 50.951 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion:117 Resp: 61568
Ion Ratio Lower Upper
117 100
201 63.8 31.5 94.5





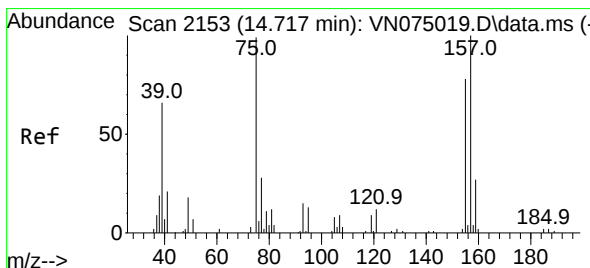
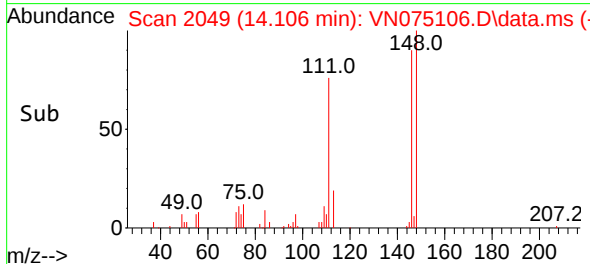
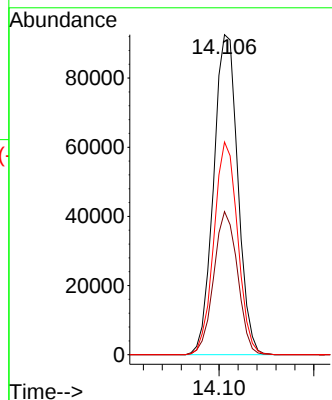
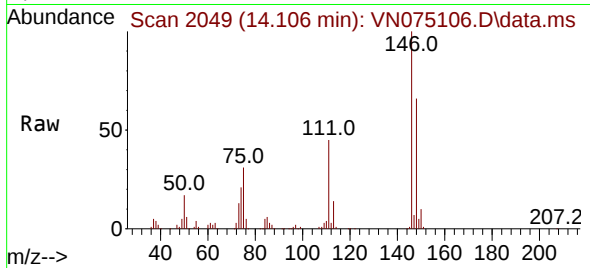
#91
1,2-Dichlorobenzene
Concen: 50.244 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 164600
Ion Ratio Lower Upper
146 100
111 43.9 21.3 63.9
148 65.1 31.4 94.2

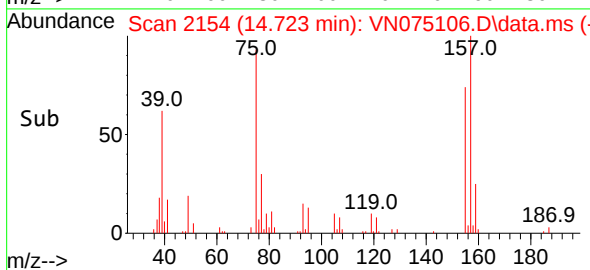
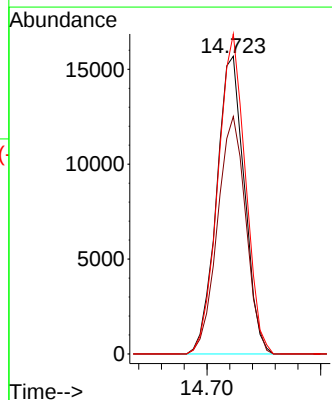
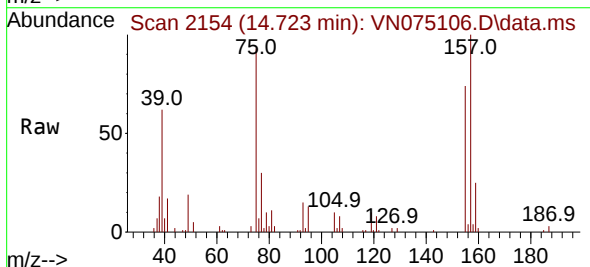
Manual Integrations
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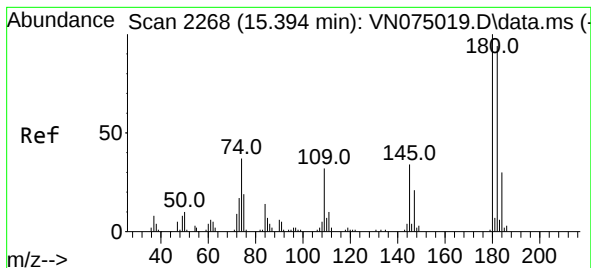
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.858 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion: 75 Resp: 26737
Ion Ratio Lower Upper
75 100
155 81.0 42.1 126.3
157 105.9 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 52.170 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

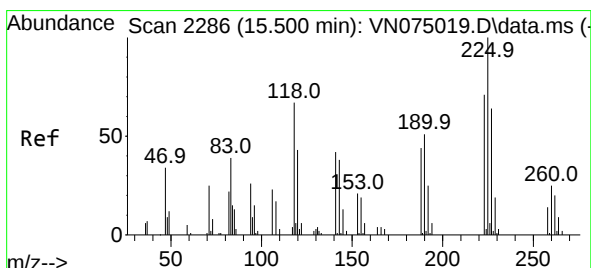
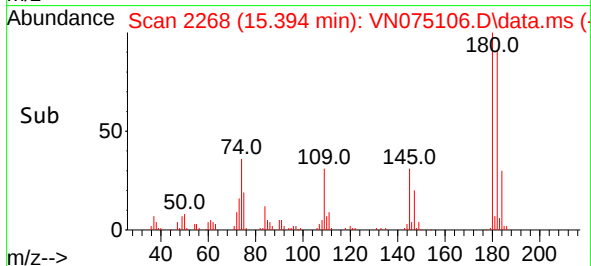
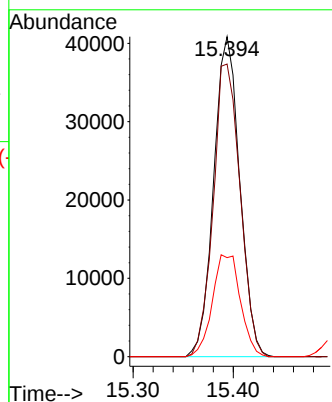
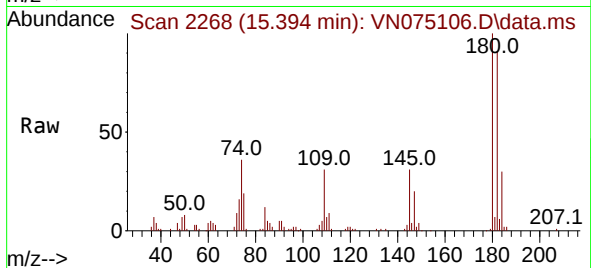
Tgt Ion:180	Resp:	73544
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.8 143.4
145	34.3	16.8 50.3

Manual Integrations

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Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#94

Hexachlorobutadiene

Concen: 48.753 ug/l

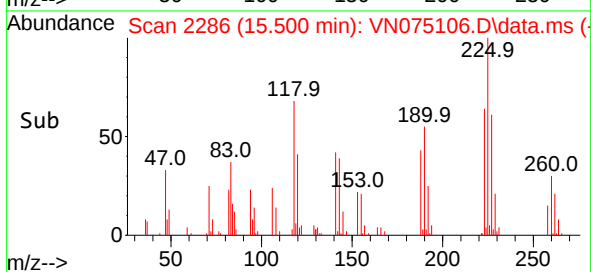
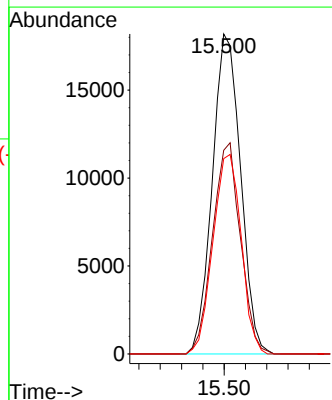
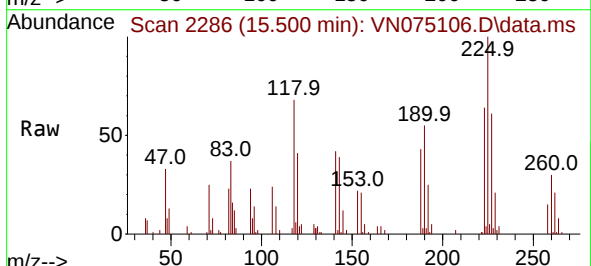
RT: 15.500 min Scan# 2286

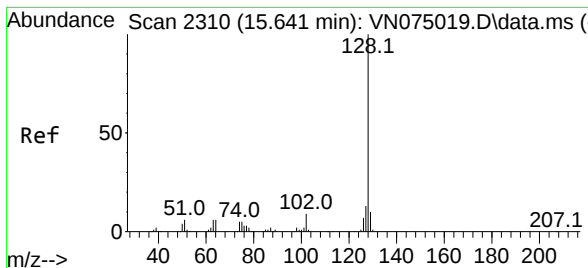
Delta R.T. -0.000 min

Lab File: VN075106.D

Acq: 01 Nov 2022 18:46

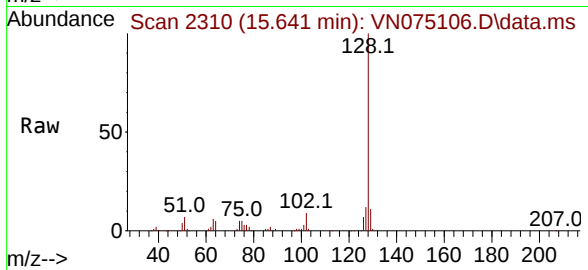
Tgt Ion:225	Resp:	33505
Ion Ratio	Lower	Upper
225	100	
223	65.1	32.3 96.9
227	62.2	32.0 96.2





#95
Naphthalene
Concen: 52.558 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

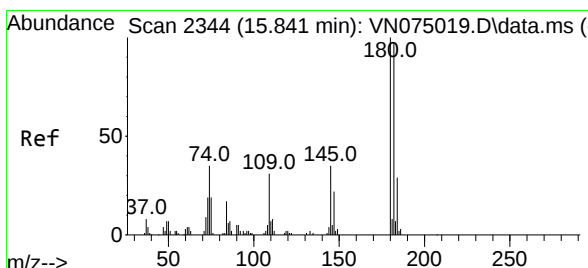
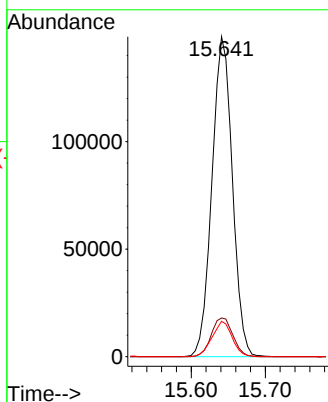
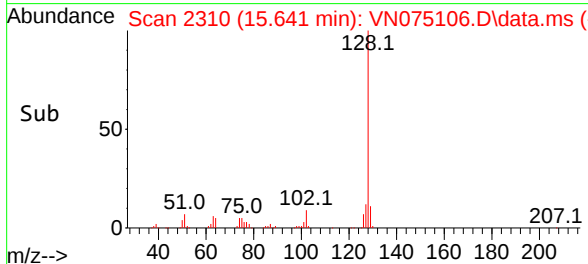
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 284920
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.393 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075106.D
Acq: 01 Nov 2022 18:46

Tgt Ion:180 Resp: 71986
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 34.9 17.6 52.9

