

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075134.D
 Acq On : 02 Nov 2022 22:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 04:25:16 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	92651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	177692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	168967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	66669	53.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.820%			
35) Dibromofluoromethane	8.171	113	53850	51.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	10.571	98	212815	52.584	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.160%			
62) 4-Bromofluorobenzene	12.853	95	77460	54.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	50486	41.887	ug/l	92
3) Chloromethane	2.371	50	57148	44.639	ug/l	94
4) Vinyl Chloride	2.524	62	83959	45.971	ug/l	95
5) Bromomethane	2.918	94	74872	58.052	ug/l	97
6) Chloroethane	3.106	64	62222	47.511	ug/l	95
7) Trichlorofluoromethane	3.495	101	90148	48.319	ug/l	100
8) Diethyl Ether	3.971	74	33443	49.145	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	49458	48.001	ug/l	98
10) Methyl Iodide	4.595	142	72256	47.106	ug/l	98
11) Tert butyl alcohol	5.547	59	73890	253.810	ug/l	98
12) 1,1-Dichloroethene	4.342	96	46113	46.953	ug/l	95
13) Acrolein	4.189	56	53591	225.057	ug/l	97
14) Allyl chloride	5.036	41	69908	48.737	ug/l	98
15) Acrylonitrile	5.730	53	162783	264.698	ug/l	99
16) Acetone	4.442	43	136628	258.477	ug/l	93
17) Carbon Disulfide	4.718	76	111969	45.336	ug/l	97
18) Methyl Acetate	5.036	43	93860	54.361	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	187691	51.418	ug/l	98
20) Methylene Chloride	5.283	84	58352	49.511	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	52627	48.940	ug/l	96
22) Diisopropyl ether	6.683	45	161840	51.127	ug/l	96
23) Vinyl Acetate	6.612	43	591993	223.956	ug/l	99
24) 1,1-Dichloroethane	6.577	63	103182	51.539	ug/l	98
25) 2-Butanone	7.488	43	221981	266.992	ug/l	99
26) 2,2-Dichloropropane	7.494	77	75895	41.208	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	64516	50.239	ug/l	97
28) Bromochloromethane	7.818	49	42851	50.775	ug/l	98
29) Tetrahydrofuran	7.847	42	147523	274.588	ug/l	99
30) Chloroform	7.971	83	114053	52.471	ug/l	100
31) Cyclohexane	8.259	56	84814	45.681	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	101987	51.667	ug/l	98
36) 1,1-Dichloropropene	8.377	75	80342	49.748	ug/l	99
37) Ethyl Acetate	7.571	43	86975	49.108	ug/l	97
38) Carbon Tetrachloride	8.365	117	87941	49.503	ug/l	98
39) Methylcyclohexane	9.600	83	99342	46.595	ug/l	97
40) Benzene	8.612	78	249276	50.412	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	44629	52.595	ug/l	99
42) 1,2-Dichloroethane	8.677	62	88938	49.437	ug/l	99
43) Isopropyl Acetate	8.694	43	139612	50.819	ug/l	100
44) Trichloroethene	9.353	130	59844	48.239	ug/l	97
45) 1,2-Dichloropropane	9.624	63	61882	52.587	ug/l	96
46) Dibromomethane	9.712	93	45947	50.117	ug/l	98
47) Bromodichloromethane	9.888	83	89704	50.526	ug/l	94
48) Methyl methacrylate	9.682	41	63680	50.532	ug/l	96
49) 1,4-Dioxane	9.700	88	35918	1088.442	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	467612	263.772	ug/l	100
52) Toluene	10.635	92	167224	50.591	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	94539	50.449	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	97403	49.005	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	67453	51.466	ug/l	97
56) Ethyl methacrylate	10.876	69	101572	50.806	ug/l	99
57) 1,3-Dichloropropane	11.165	76	112162	51.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	202470	261.965	ug/l	98
59) 2-Hexanone	11.200	43	355826	264.459	ug/l	99
60) Dibromochloromethane	11.365	129	72794	52.643	ug/l	100
61) 1,2-Dibromoethane	11.471	107	70808	52.718	ug/l	99
64) Tetrachloroethene	11.106	164	50691	48.934	ug/l	93
65) Chlorobenzene	11.894	112	177936	49.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	67026	50.097	ug/l	100
67) Ethyl Benzene	11.965	91	325959	50.234	ug/l	100
68) m/p-Xylenes	12.076	106	262355	100.764	ug/l	98
69) o-Xylene	12.400	106	129060	50.123	ug/l	99
70) Styrene	12.412	104	210845	51.355	ug/l	99
71) Bromoform	12.576	173	50415	50.330	ug/l #	100
73) Isopropylbenzene	12.700	105	334496	47.622	ug/l	100
74) N-amyl acetate	12.494	43	123406	47.503	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	111792	55.480	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	84331m	45.396	ug/l	
77) Bromobenzene	12.982	156	72087	46.610	ug/l	98
78) n-propylbenzene	13.035	91	380856	48.295	ug/l	99
79) 2-Chlorotoluene	13.129	91	228575	47.432	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	290458	49.234	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	31620	43.693	ug/l	99
82) 4-Chlorotoluene	13.129	91	228575	47.432	ug/l	100
83) tert-Butylbenzene	13.441	119	252638	48.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	295417	49.491	ug/l	100
85) sec-Butylbenzene	13.617	105	362982	49.497	ug/l	99
86) p-Isopropyltoluene	13.729	119	301756	49.824	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145548	48.065	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	143682	47.943	ug/l	99
89) n-Butylbenzene	14.059	91	244493	50.131	ug/l	98
90) Hexachloroethane	14.335	117	52505	47.283	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	145939	48.477	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23560	49.727	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	64687	49.934	ug/l	98
94) Hexachlorobutadiene	15.506	225	30351	48.059	ug/l	96
95) Naphthalene	15.641	128	253405	50.867	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	64921	50.437	ug/l	99

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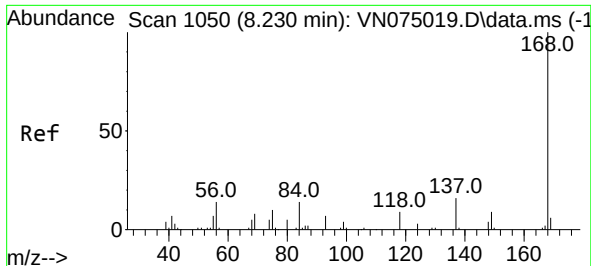
Manual Integrations
APPROVED

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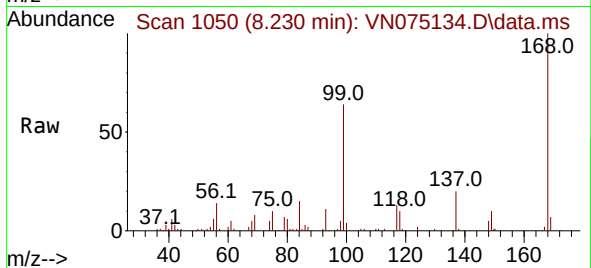
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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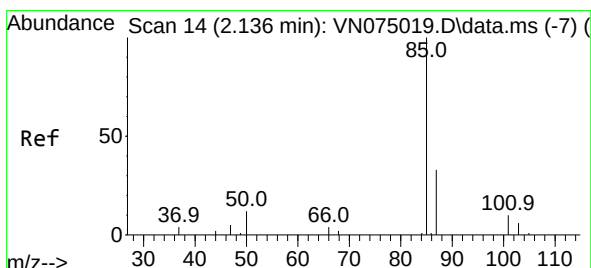
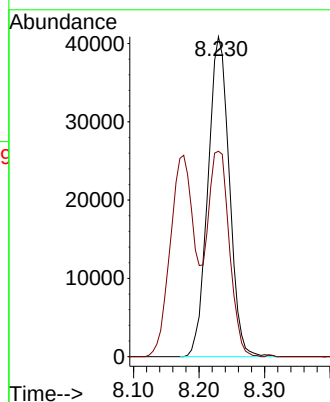
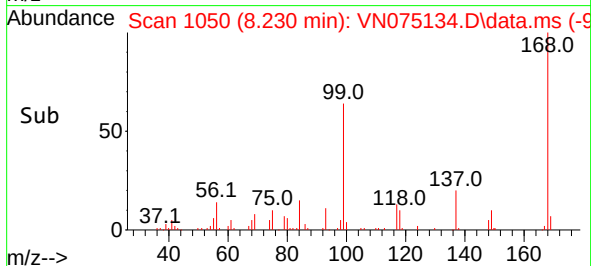
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Tgt Ion:168 Resp: 9265
Ion Ratio Lower Upper
168 100
99 64.2 51.6 77.4

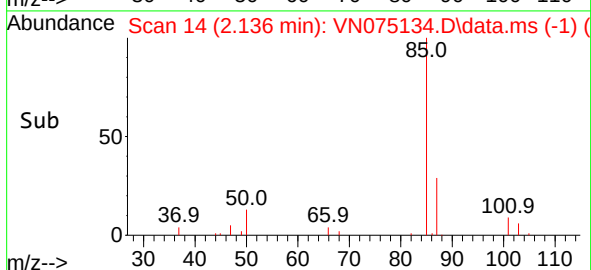
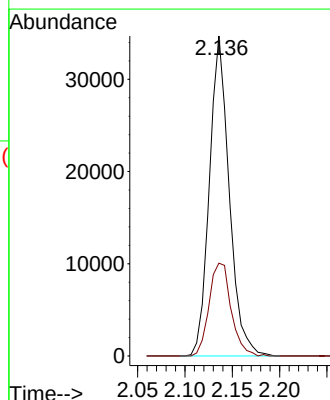
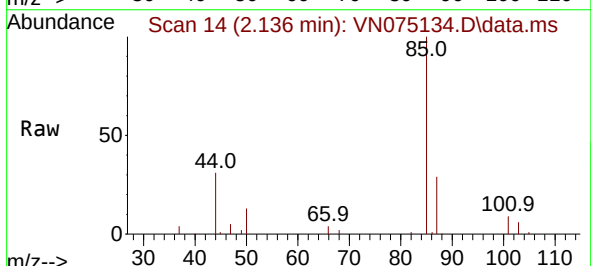
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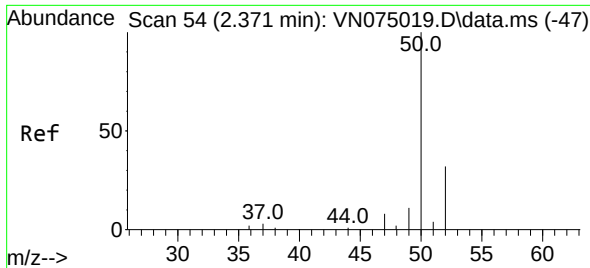
Reviewed By :John Carlone 11/03/2022
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#2
Dichlorodifluoromethane
Concen: 41.887 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion: 85 Resp: 50486
Ion Ratio Lower Upper
85 100
87 29.0 16.7 50.0





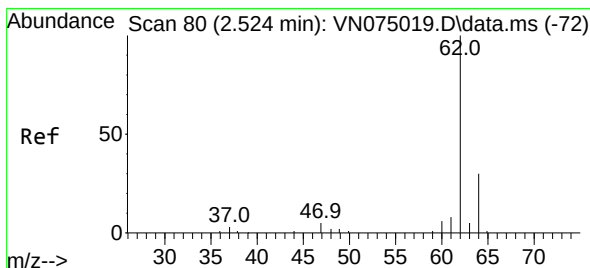
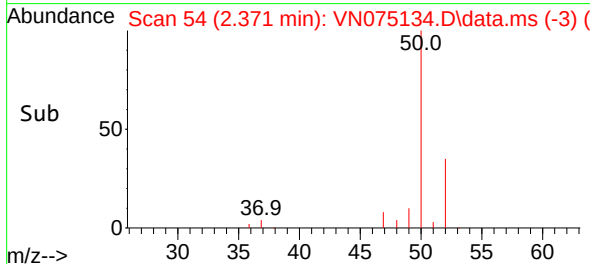
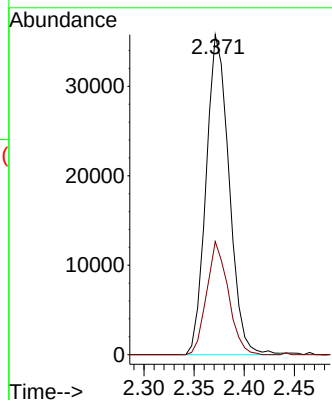
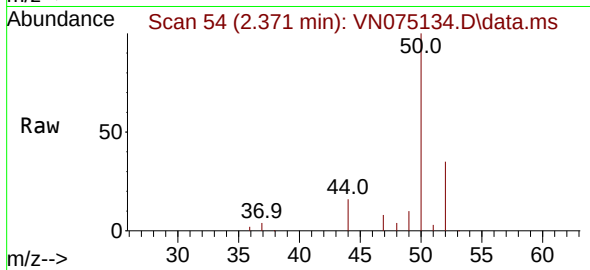
#3
Chloromethane
Concen: 44.639 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075134.D
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Tgt Ion: 50 Resp: 57148
Ion Ratio Lower Upper
50 100
52 35.4 25.8 38.6

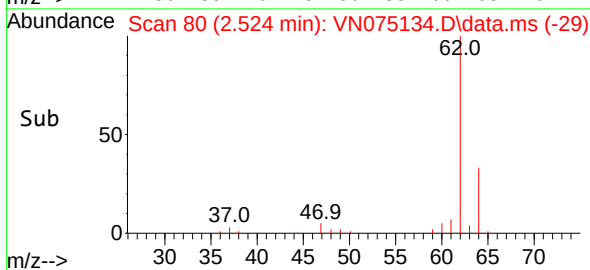
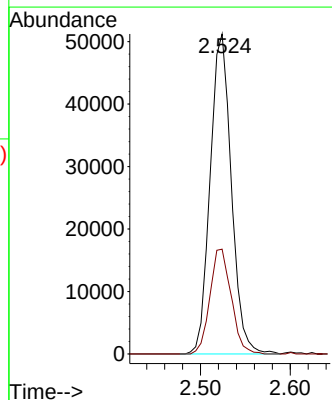
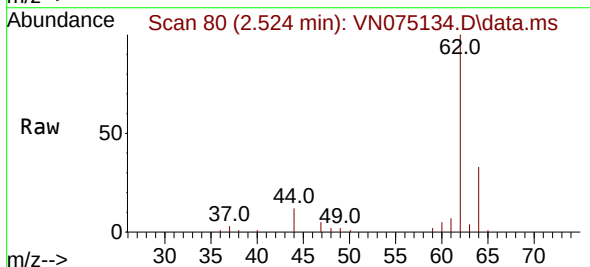
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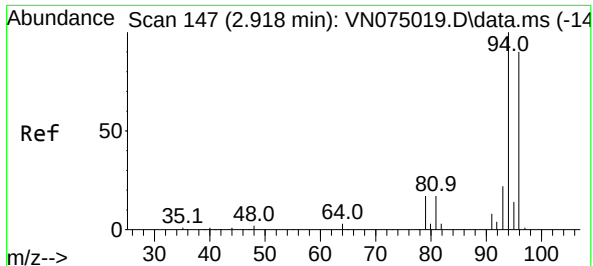
Reviewed By :John Carlone 11/03/2022
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#4
Vinyl Chloride
Concen: 45.971 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

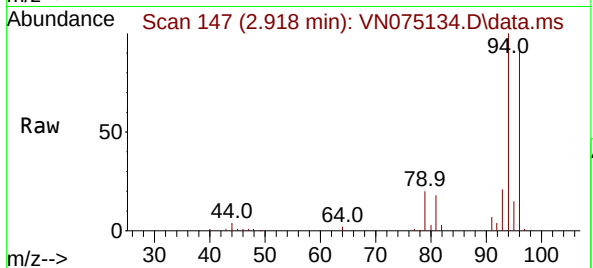
Tgt Ion: 62 Resp: 83959
Ion Ratio Lower Upper
62 100
64 32.8 24.0 36.0





#5
Bromomethane
Concen: 58.052 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

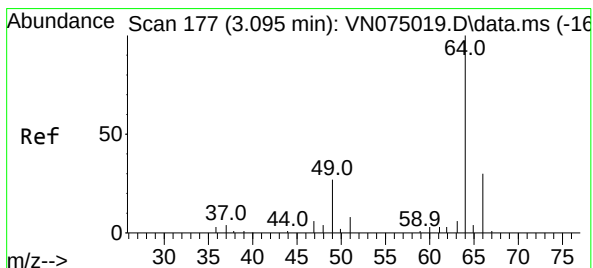
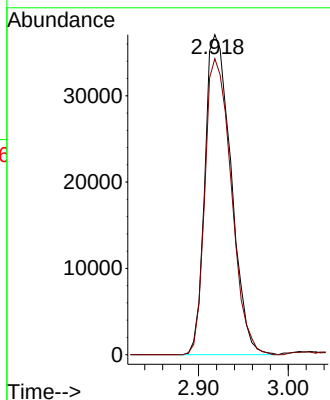
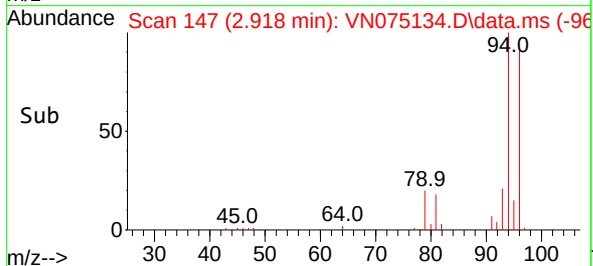
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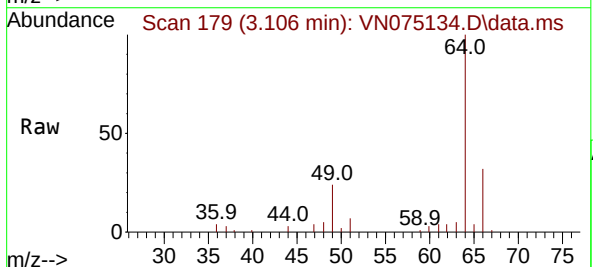
Tgt Ion: 94 Resp: 74872
Ion Ratio Lower Upper
94 100
96 92.5 71.8 107.6

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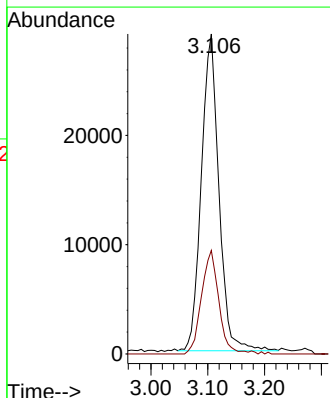
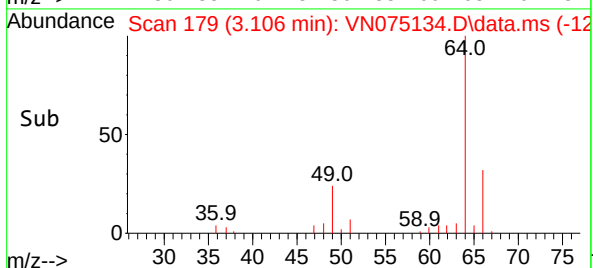
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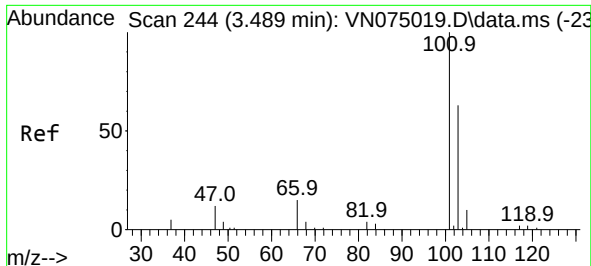


#6
Chloroethane
Concen: 47.511 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



Tgt Ion: 64 Resp: 62222
Ion Ratio Lower Upper
64 100
66 32.7 23.8 35.8





#7
Trichlorofluoromethane
Concen: 48.319 ug/l
RT: 3.495 min Scan# 244
Delta R.T. 0.006 min
Lab File: VN075134.D
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Instrument :

MSVOA_N

ClientSampleId :

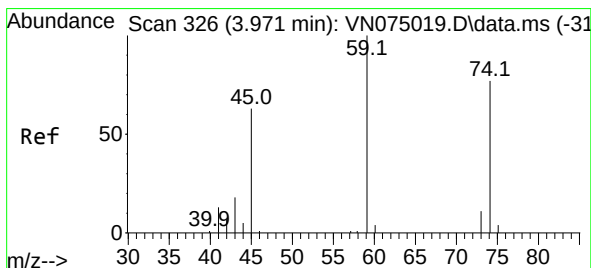
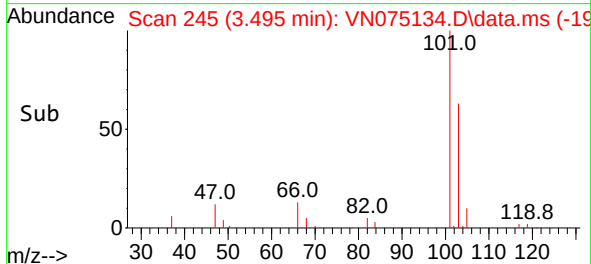
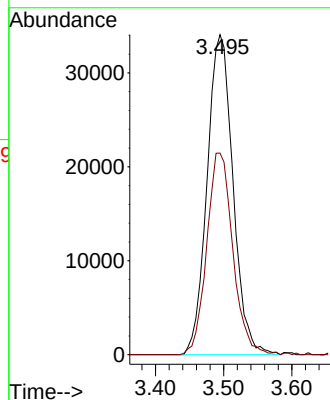
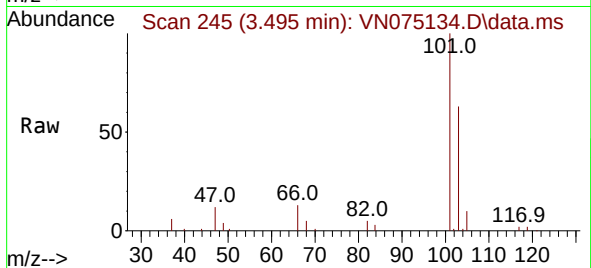
VSTDCCC050EC

Tgt Ion:101 Resp: 90148
Ion Ratio Lower Upper
101 100
103 63.0 50.5 75.7

Manual Integrations

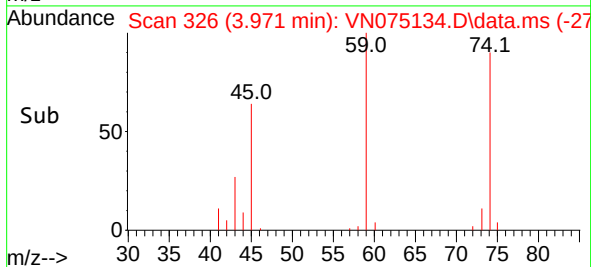
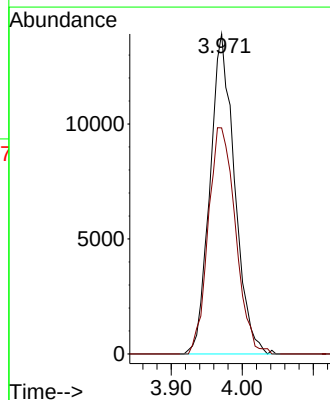
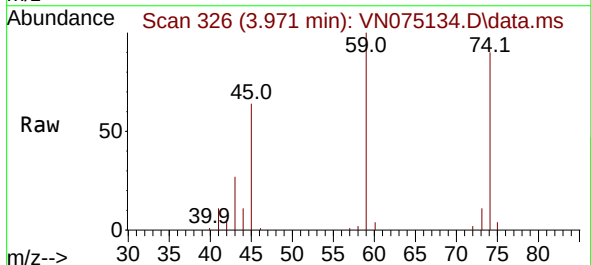
APPROVED

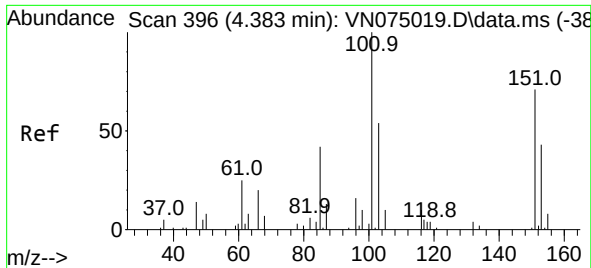
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#8
Diethyl Ether
Concen: 49.145 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075134.D
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Tgt Ion: 74 Resp: 33443
Ion Ratio Lower Upper
74 100
45 78.4 39.3 117.9





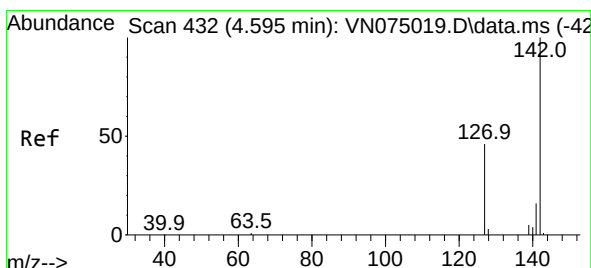
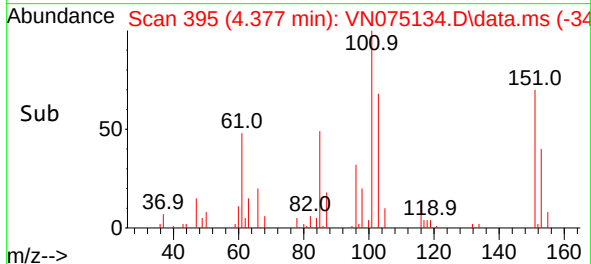
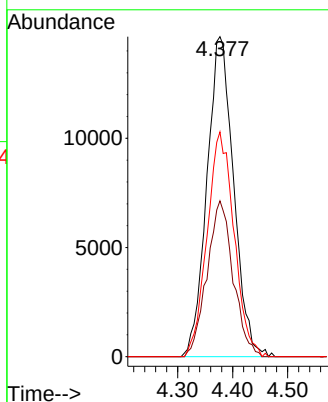
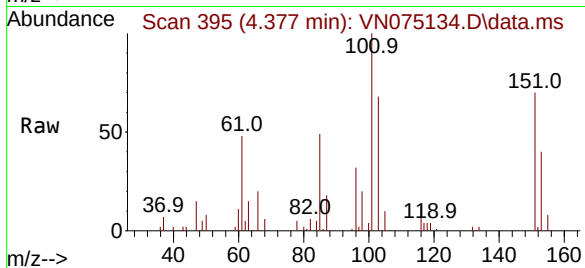
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.001 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075134.D
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Tgt Ion:101 Resp: 49458
Ion Ratio Lower Upper
101 100
85 47.7 37.6 56.4
151 70.9 58.3 87.5

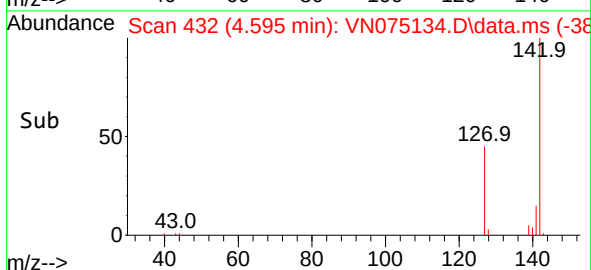
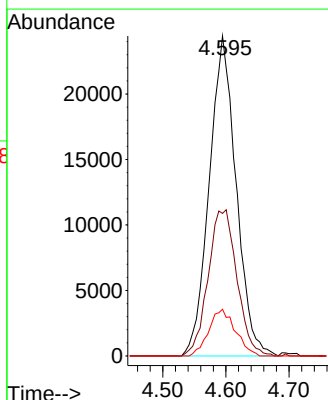
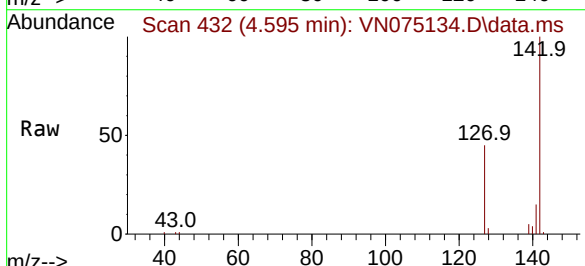
Manual Integrations
APPROVED

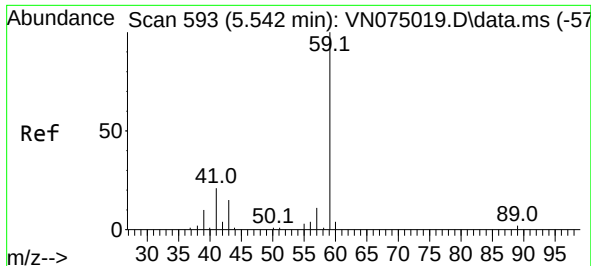
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#10
Methyl Iodide
Concen: 47.106 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

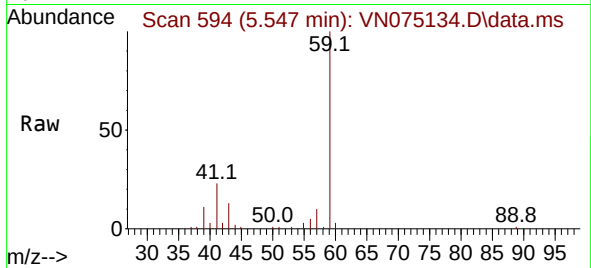
Tgt Ion:142 Resp: 72256
Ion Ratio Lower Upper
142 100
127 48.9 38.0 57.0
141 14.5 12.2 18.4





#11
Tert butyl alcohol
Concen: 253.810 ug/l
RT: 5.547 min Scan# 59
Delta R.T. 0.005 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

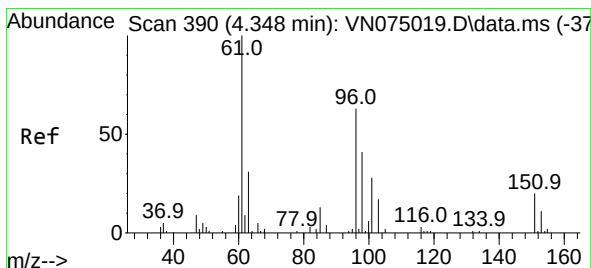
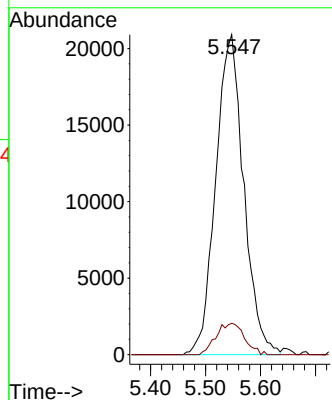
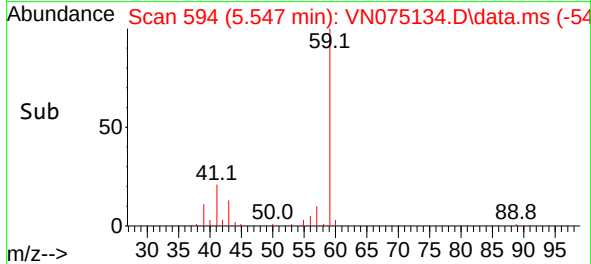
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 73890
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

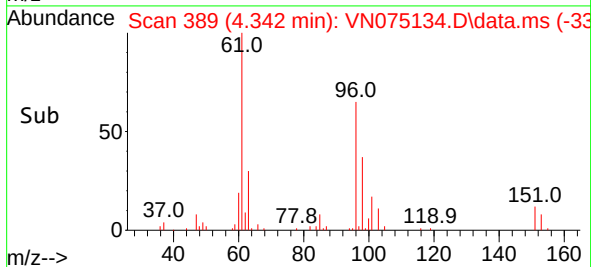
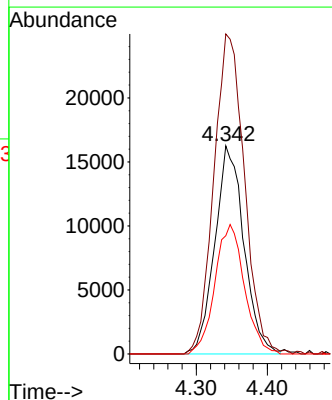
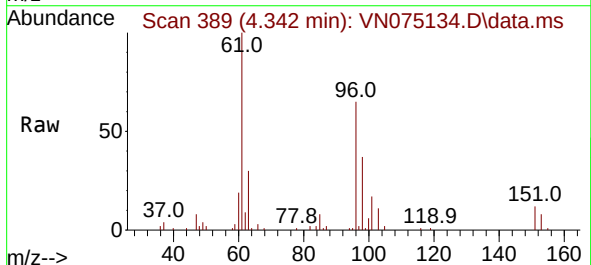
Manual Integrations
APPROVED

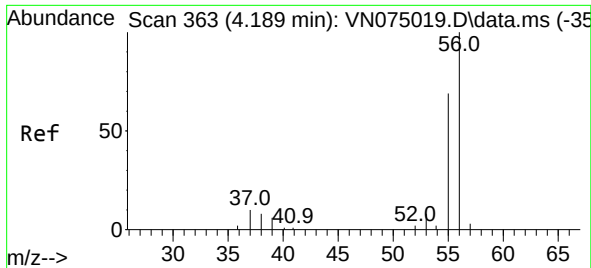
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#12
1,1-Dichloroethene
Concen: 46.953 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

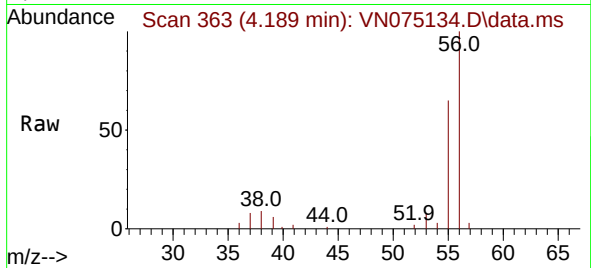
Tgt Ion: 96 Resp: 46113
Ion Ratio Lower Upper
96 100
61 153.7 126.2 189.4
98 56.8 51.5 77.3





#13
Acrolein
Concen: 225.057 ug/l
RT: 4.189 min Scan# 301
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

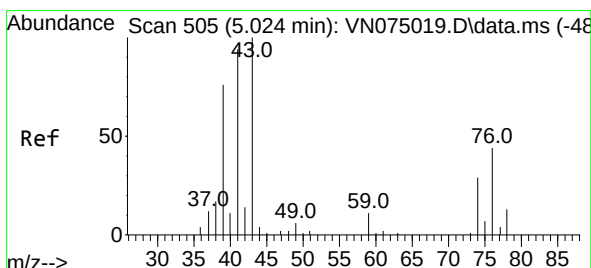
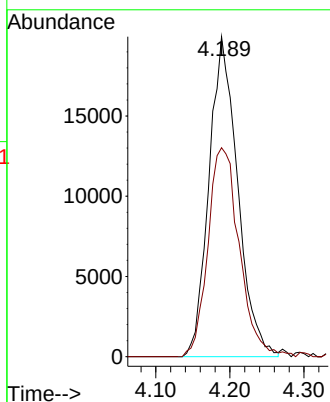
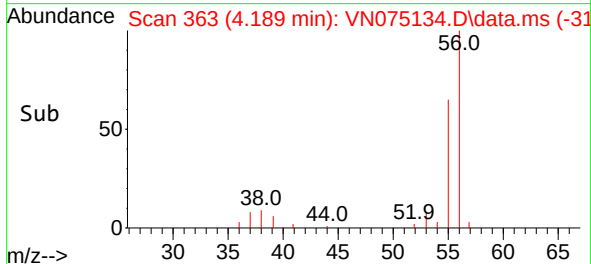
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



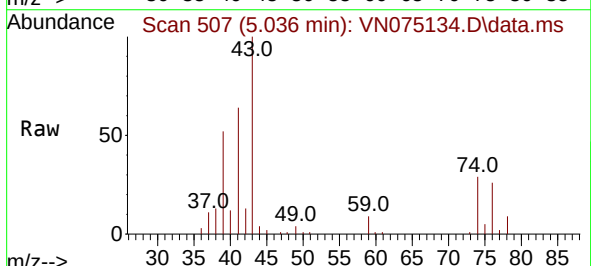
Tgt Ion: 56 Resp: 5359
Ion Ratio Lower Upper
56 100
55 71.4 55.2 82.8

Manual Integrations
APPROVED

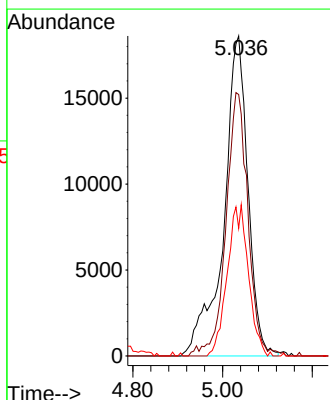
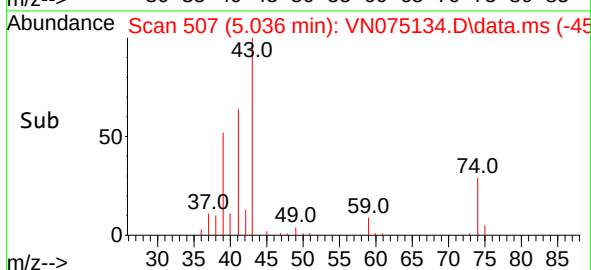
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

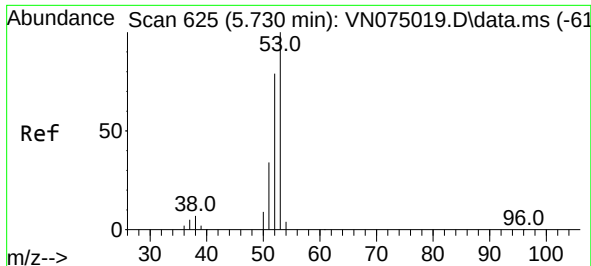


#14
Allyl chloride
Concen: 48.737 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



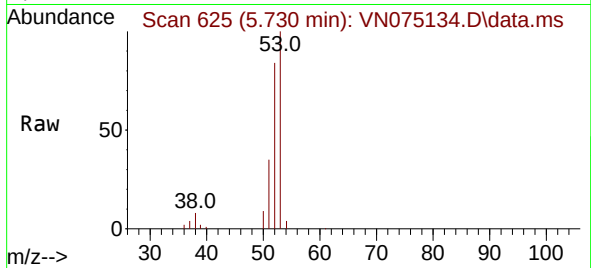
Tgt Ion: 41 Resp: 69908
Ion Ratio Lower Upper
41 100
39 74.0 61.0 91.4
76 41.4 33.4 50.0





#15
Acrylonitrile
Concen: 264.698 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

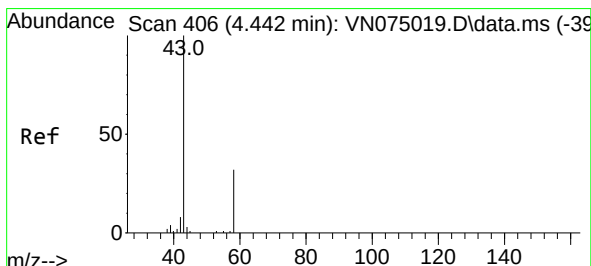
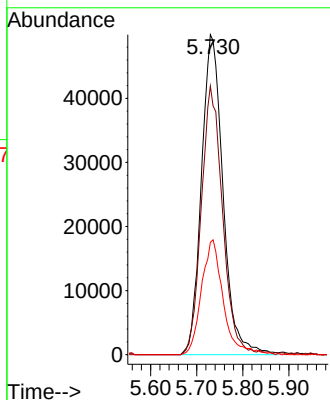
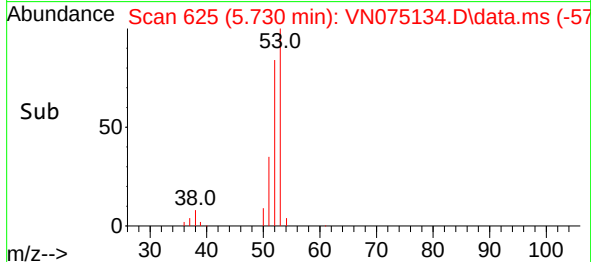
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 16278
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.2 29.6 44.4

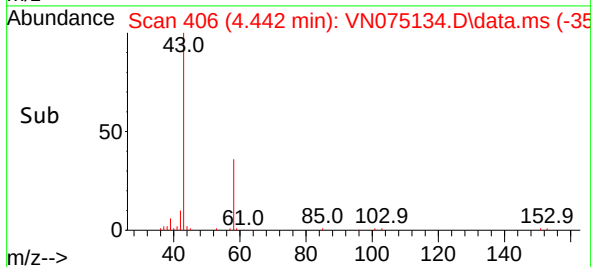
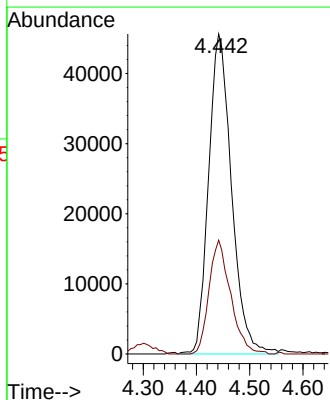
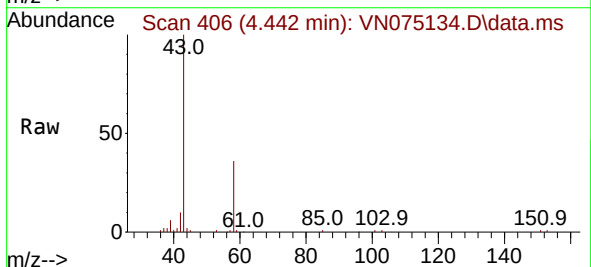
Manual Integrations
APPROVED

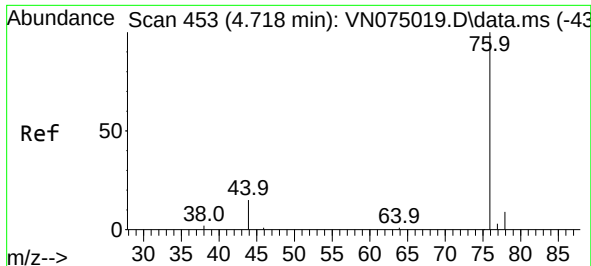
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#16
Acetone
Concen: 258.477 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

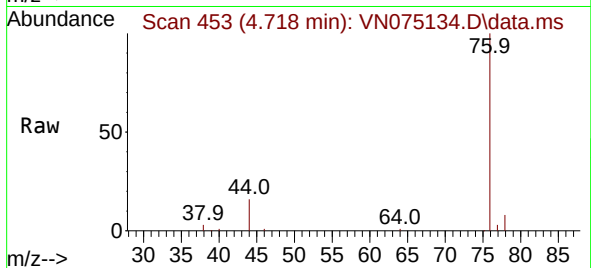
Tgt Ion: 43 Resp: 136628
Ion Ratio Lower Upper
43 100
58 35.6 25.5 38.3





#17
Carbon Disulfide
Concen: 45.336 ug/l
RT: 4.718 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

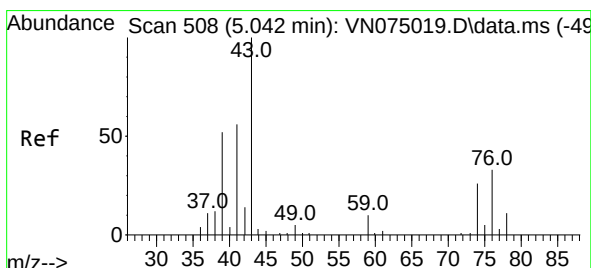
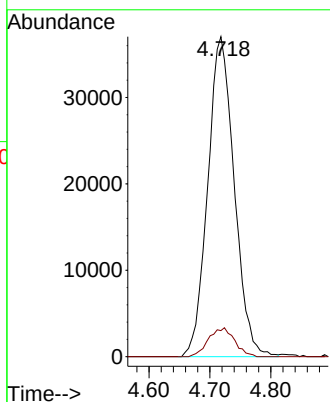
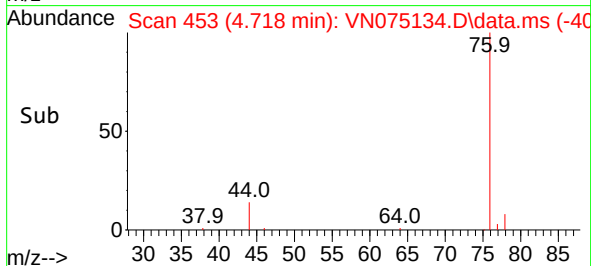
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 111969
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2

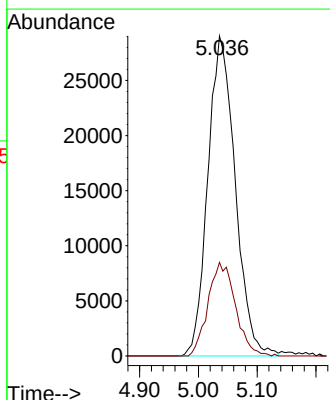
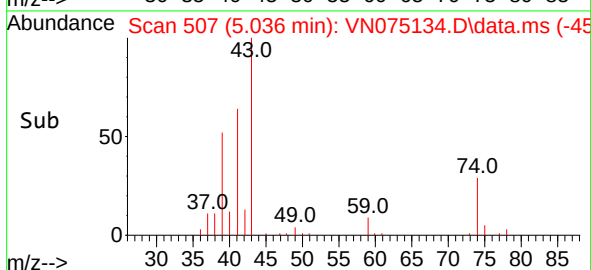
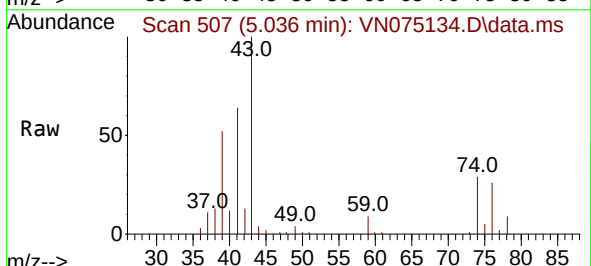
Manual Integrations
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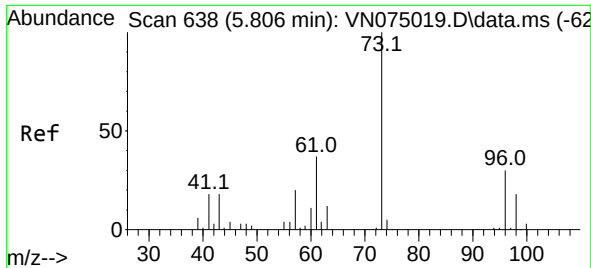
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#18
Methyl Acetate
Concen: 54.361 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion: 43 Resp: 93860
Ion Ratio Lower Upper
43 100
74 29.3 22.0 33.0





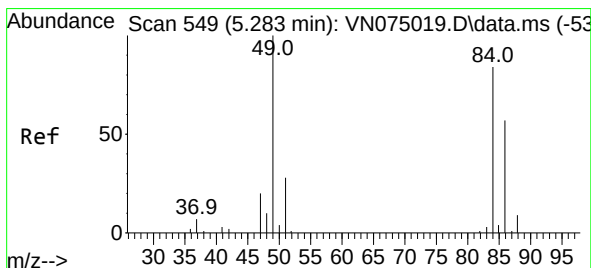
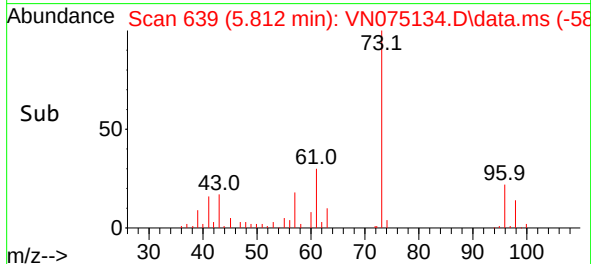
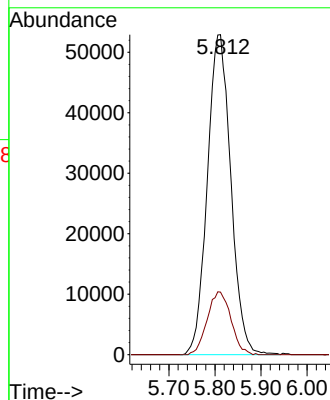
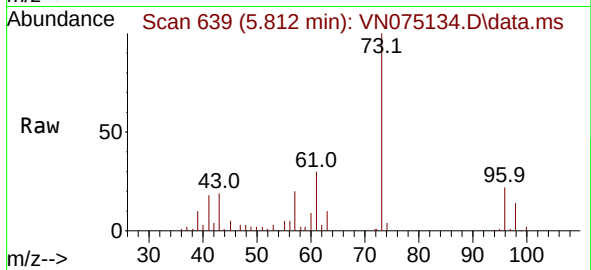
#19
Methyl tert-butyl Ether
Concen: 51.418 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 18769
Ion Ratio Lower Upper
73 100
57 19.5 16.3 24.5

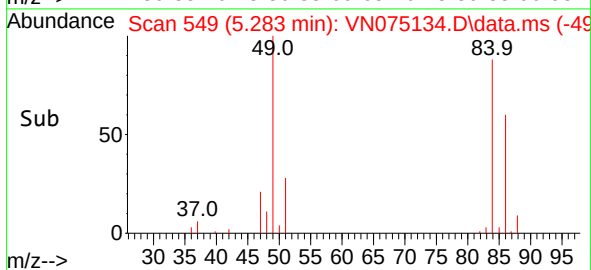
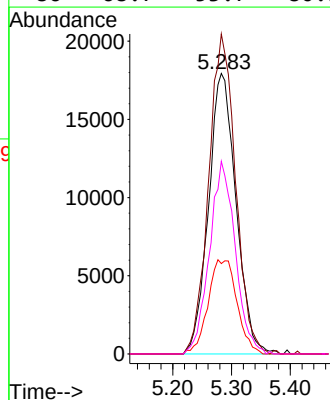
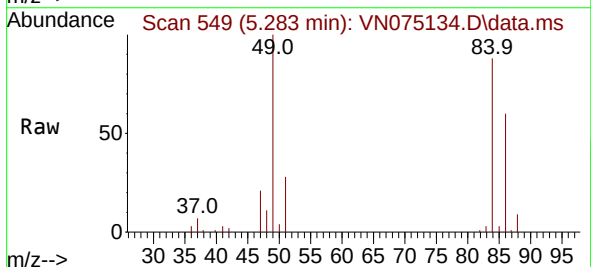
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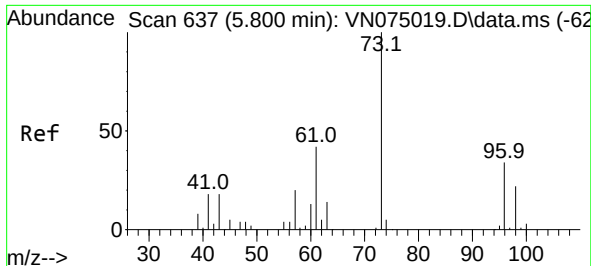
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#20
Methylene Chloride
Concen: 49.511 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion: 84 Resp: 58352
Ion Ratio Lower Upper
84 100
49 114.1 94.9 142.3
51 32.3 26.8 40.2
86 68.7 53.7 80.5





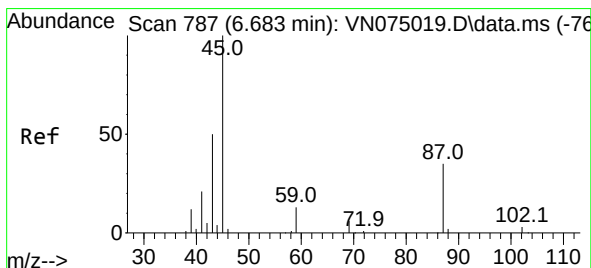
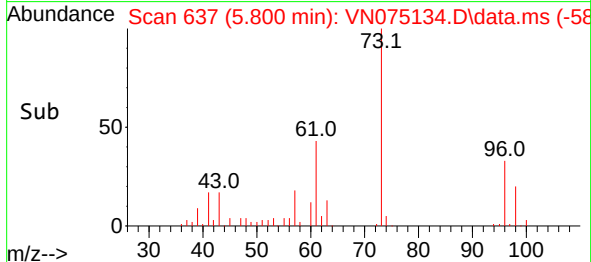
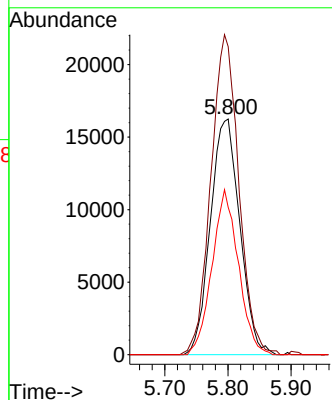
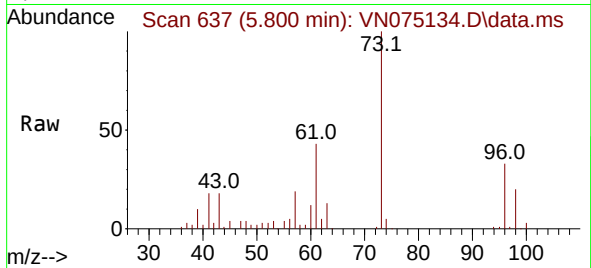
#21
trans-1,2-Dichloroethene
Concen: 48.940 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 5262
Ion Ratio Lower Upper
96 100
61 130.7 99.9 149.9
98 62.5 51.5 77.3

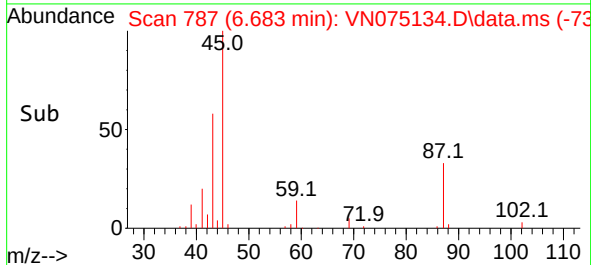
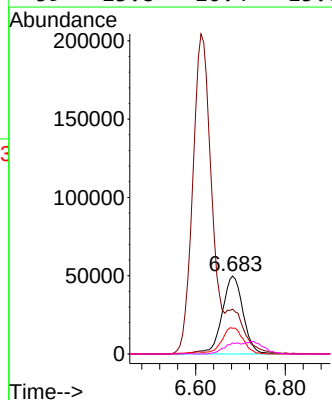
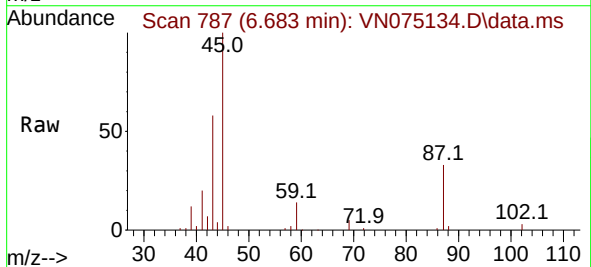
Manual Integrations
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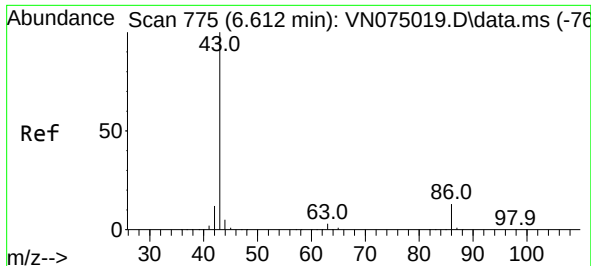
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#22
Diisopropyl ether
Concen: 51.127 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion: 45 Resp: 161840
Ion Ratio Lower Upper
45 100
43 56.3 42.8 64.2
87 33.1 28.4 42.6
59 13.8 10.4 15.6





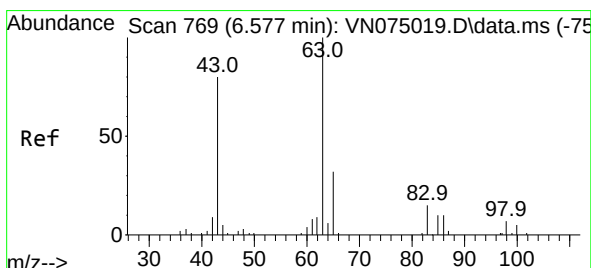
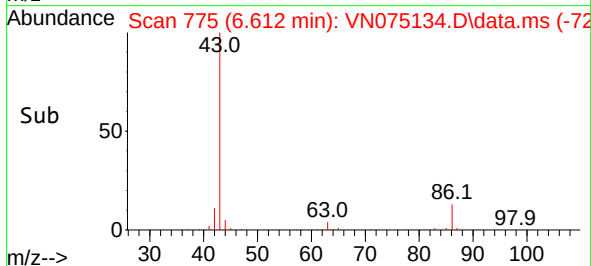
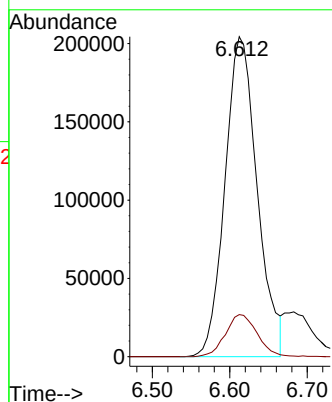
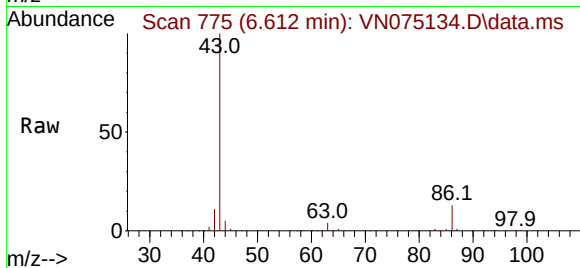
#23
 Vinyl Acetate
 Concen: 223.956 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075134.D
 Acq: 02 Nov 2022 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 59199
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.7 16.1

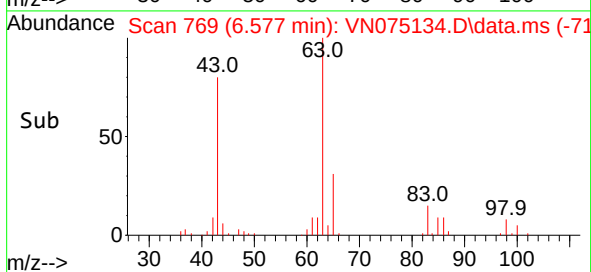
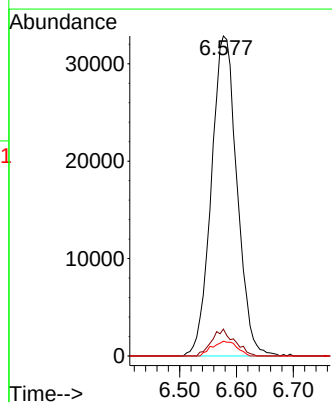
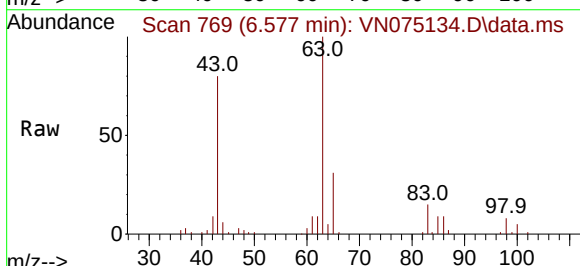
Manual Integrations
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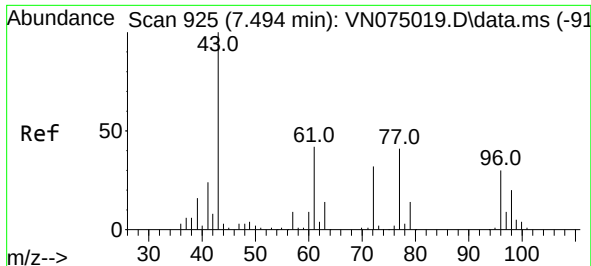
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#24
 1,1-Dichloroethane
 Concen: 51.539 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075134.D
 Acq: 02 Nov 2022 22:05

Tgt Ion: 63 Resp: 103182
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 266.992 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 22198

Ion Ratio Lower Upper

43 100

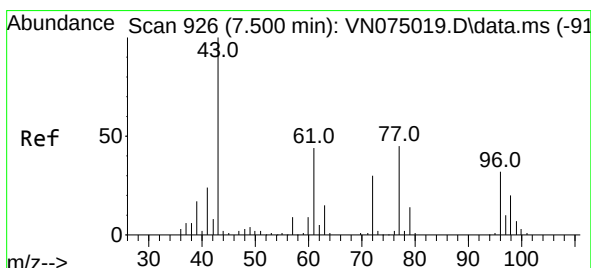
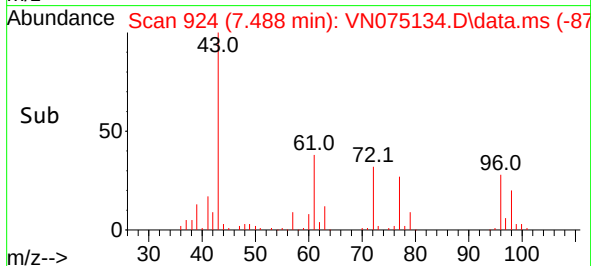
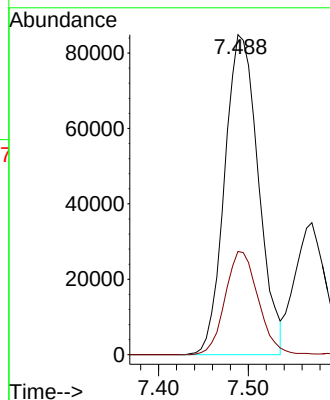
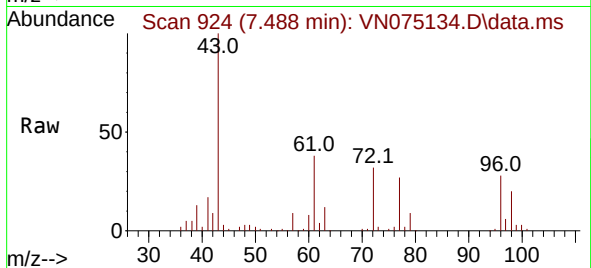
72 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#26

2,2-Dichloropropane

Concen: 41.208 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075134.D

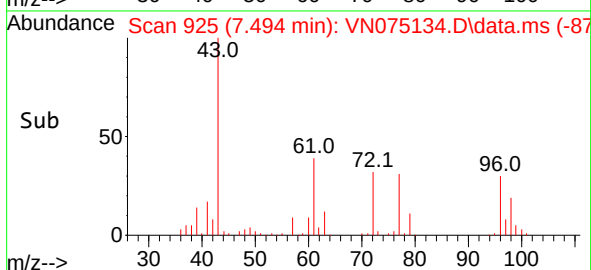
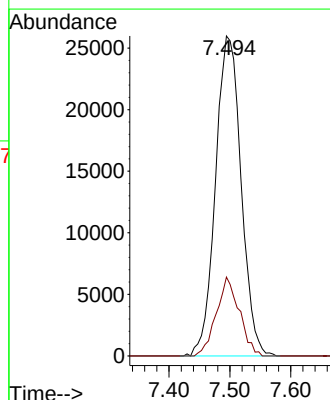
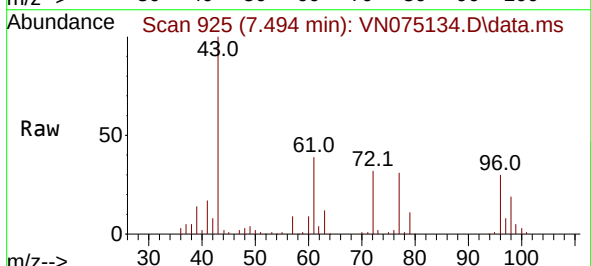
Acq: 02 Nov 2022 22:05

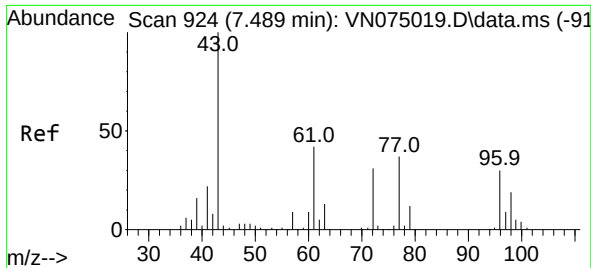
Tgt Ion: 77 Resp: 75895

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6





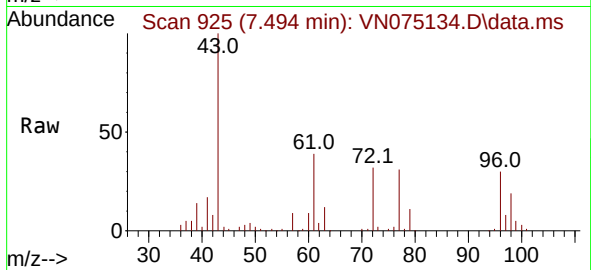
#27
 cis-1,2-Dichloroethene
 Concen: 50.239 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075134.D
 Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



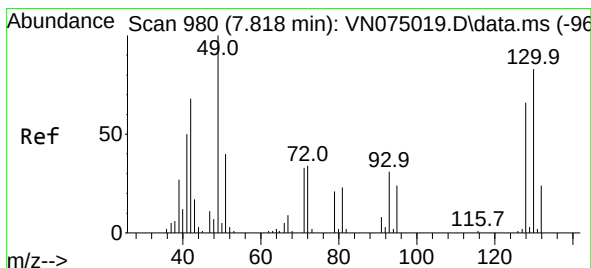
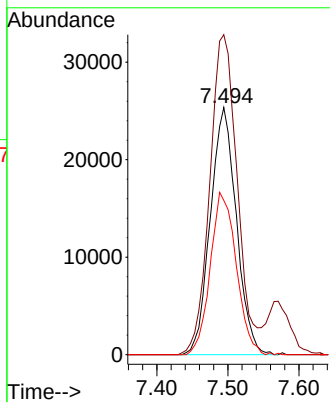
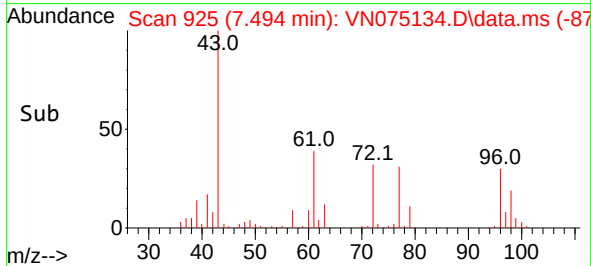
Tgt Ion: 96 Resp: 64510
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 278.8
 98 65.4 0.0 128.4

Manual Integrations

APPROVED

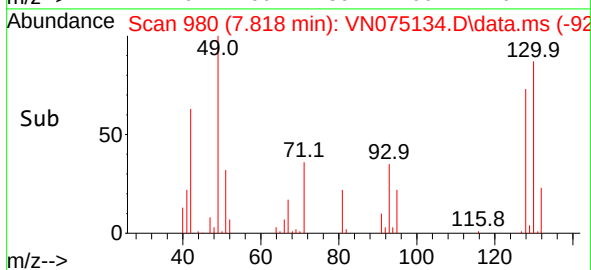
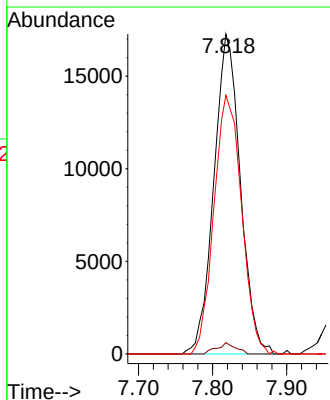
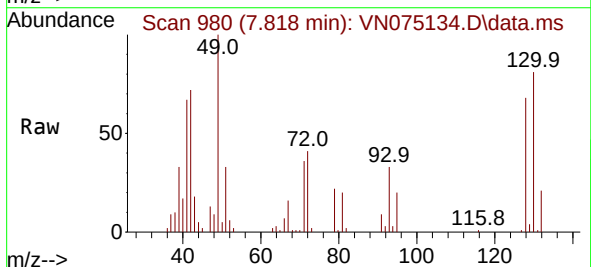
Reviewed By :John Carlone 11/03/2022

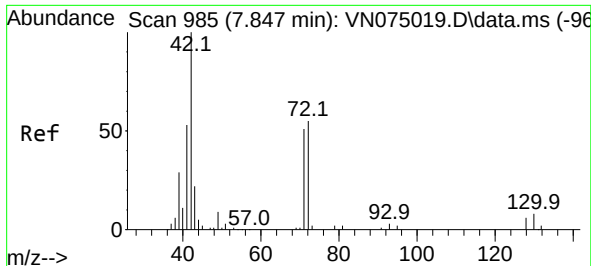
Supervised By :Mahesh Dadoda 11/03/2022



#28
 Bromochloromethane
 Concen: 50.775 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075134.D
 Acq: 02 Nov 2022 22:05

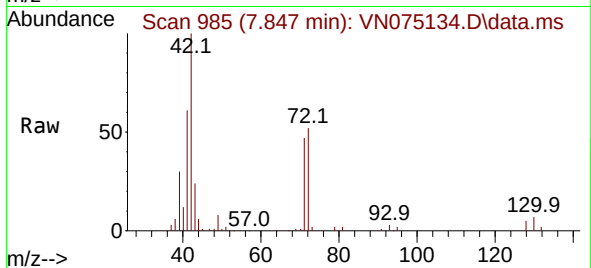
Tgt Ion: 49 Resp: 42851
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 84.5 66.2 99.4





#29
Tetrahydrofuran
Concen: 274.588 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

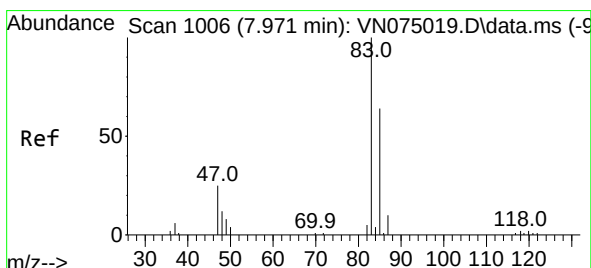
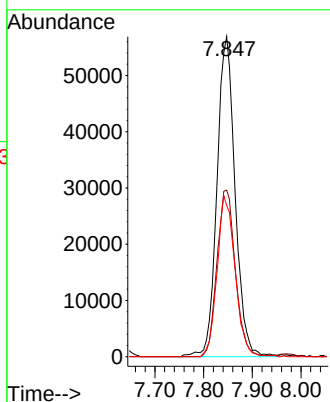
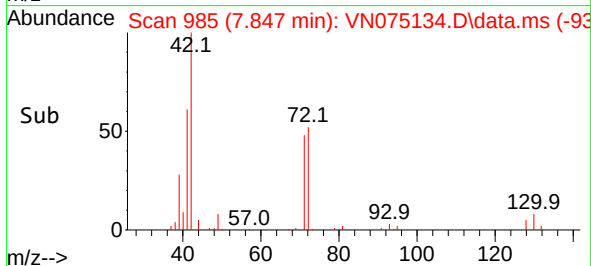
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



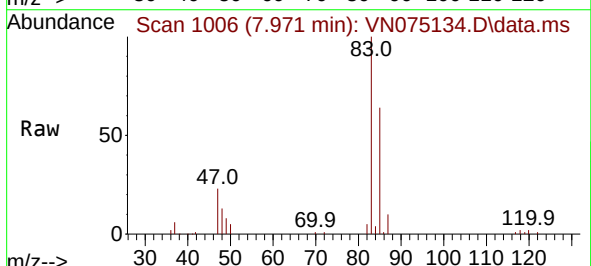
Tgt Ion: 42 Resp: 14752
Ion Ratio Lower Upper
42 100
72 52.7 43.0 64.6
71 49.7 39.9 59.9

Manual Integrations
APPROVED

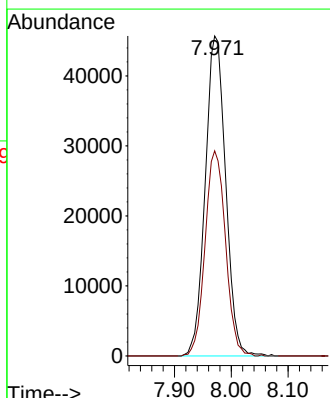
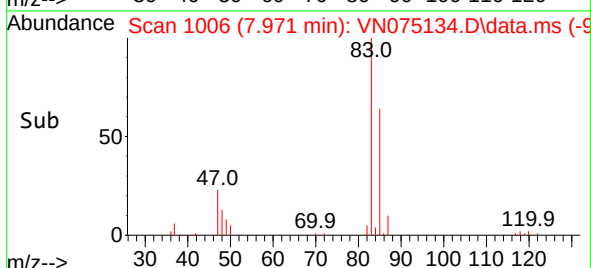
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

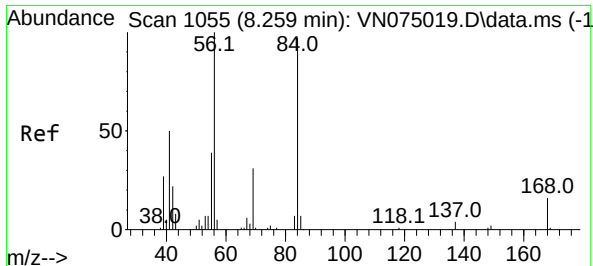


#30
Chloroform
Concen: 52.471 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



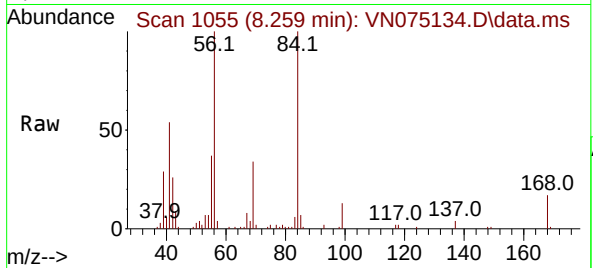
Tgt Ion: 83 Resp: 114053
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0





#31
Cyclohexane
Concen: 45.681 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

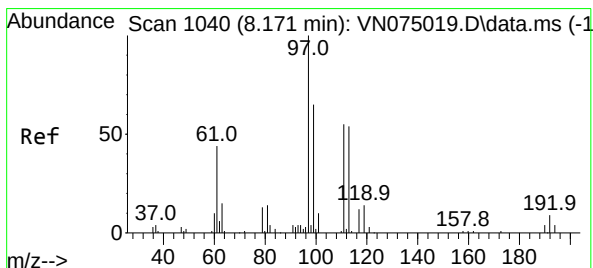
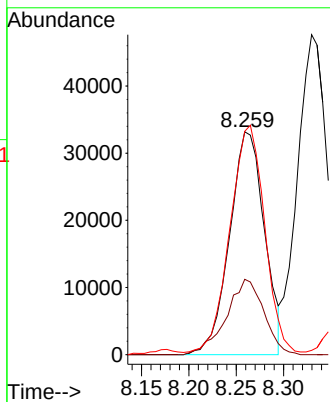
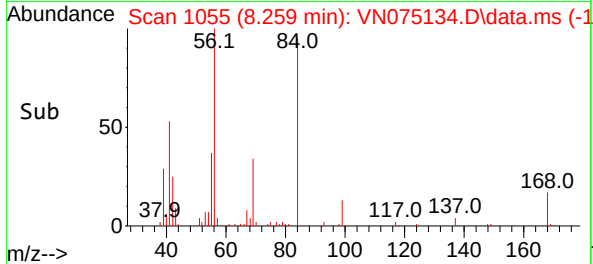
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



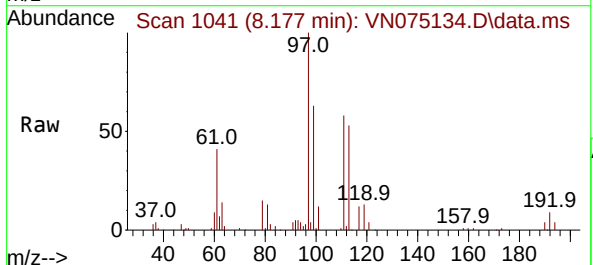
Tgt Ion: 56 Resp: 84814
Ion Ratio Lower Upper
56 100
69 33.8 25.2 37.8
84 99.0 77.8 116.8

Manual Integrations
APPROVED

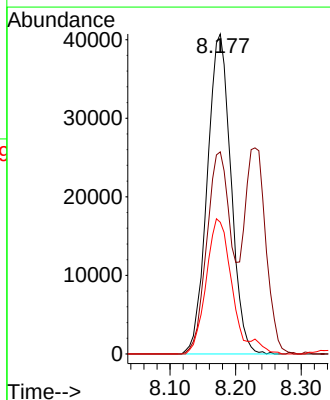
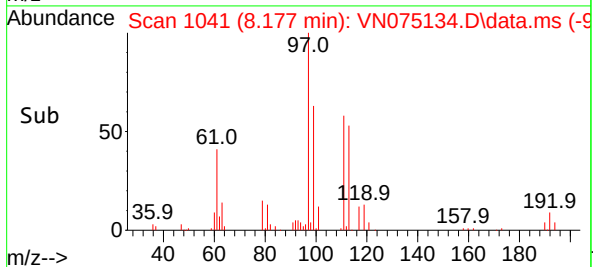
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

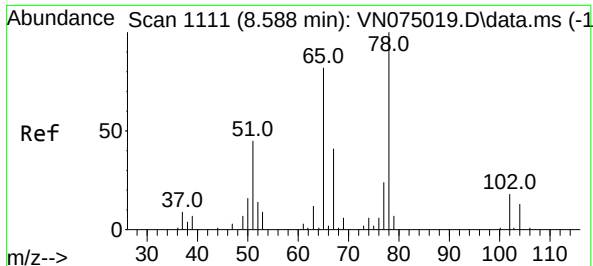


#32
1,1,1-Trichloroethane
Concen: 51.667 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



Tgt Ion: 97 Resp: 101987
Ion Ratio Lower Upper
97 100
99 63.2 50.2 75.2
61 44.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.405 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 66669

Ion Ratio Lower Upper

65 100

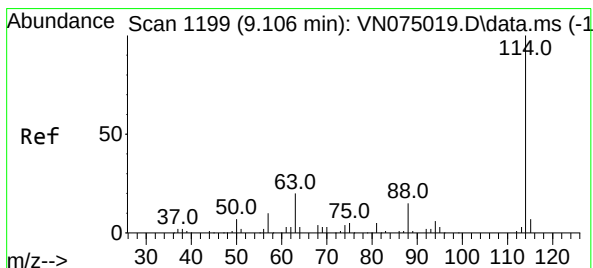
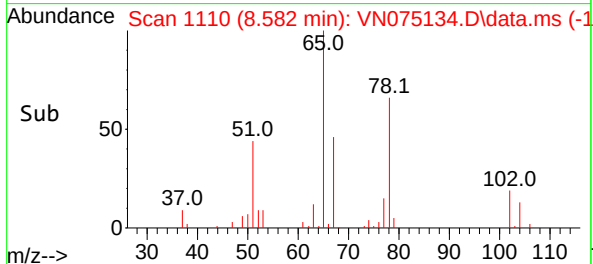
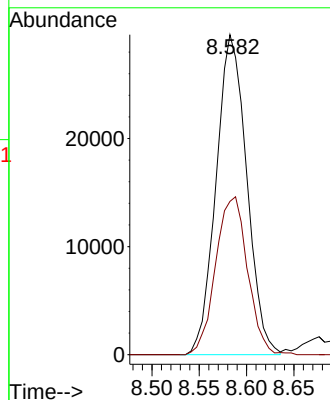
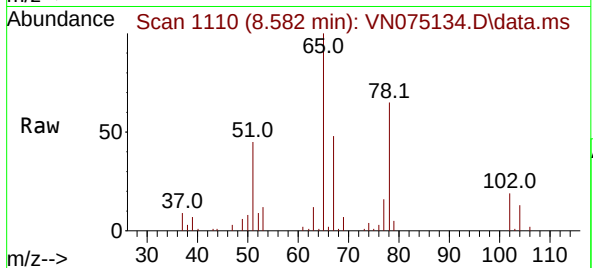
67 51.4 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

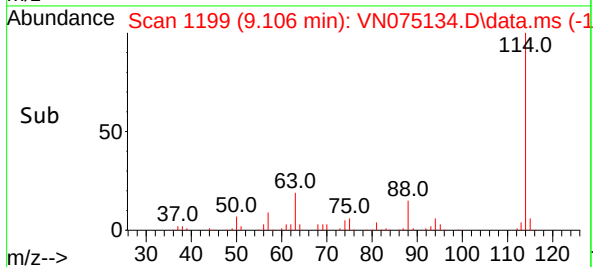
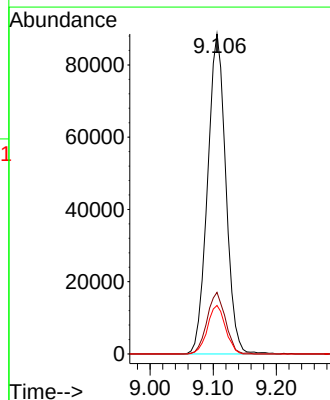
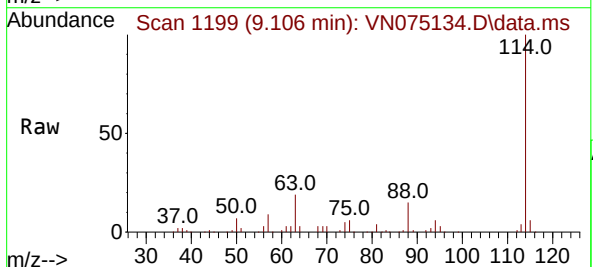
Tgt Ion:114 Resp: 177692

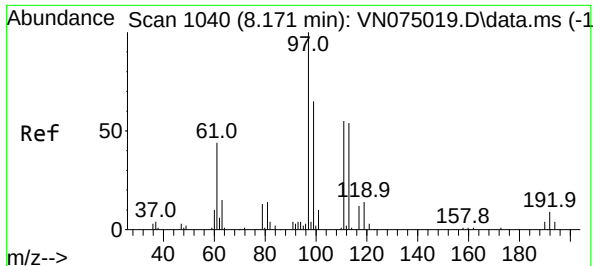
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.623 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 53850

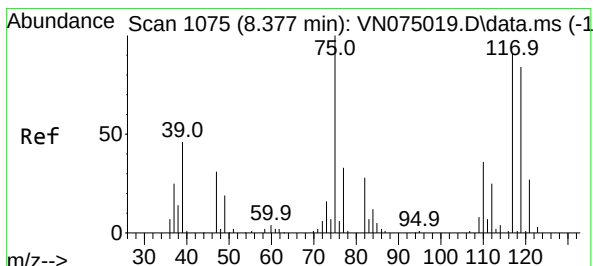
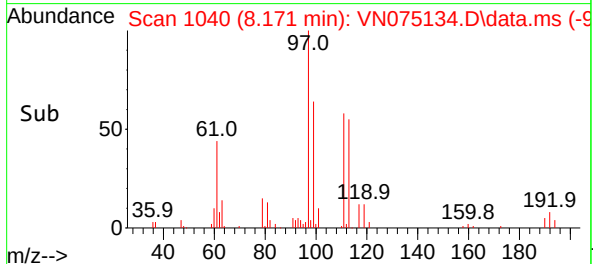
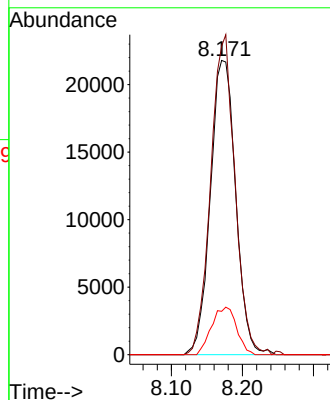
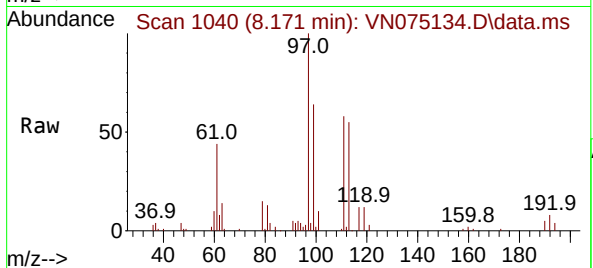
Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.5	120.7
192	16.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#36

1,1-Dichloropropene

Concen: 49.748 ug/l

RT: 8.377 min Scan# 1075

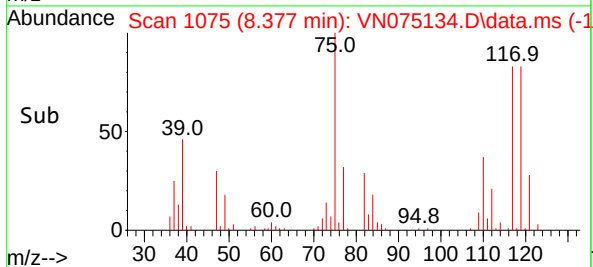
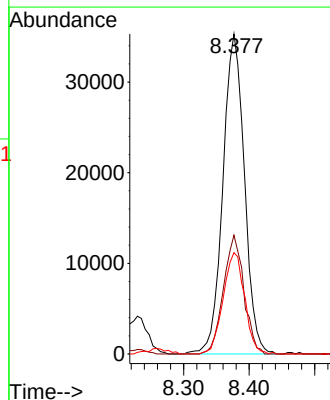
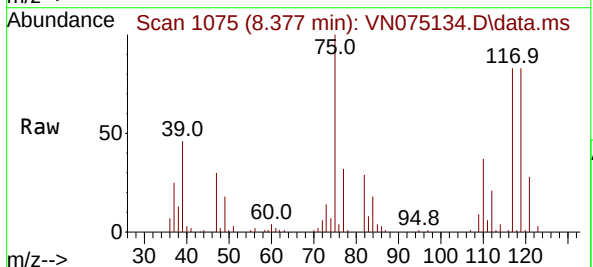
Delta R.T. -0.000 min

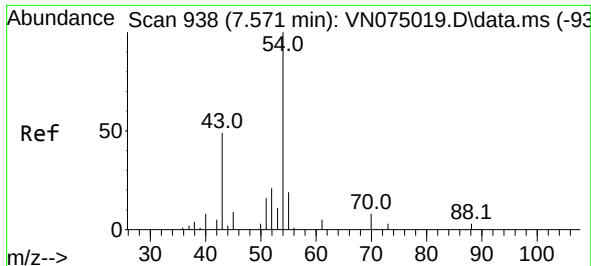
Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Tgt Ion: 75 Resp: 80342

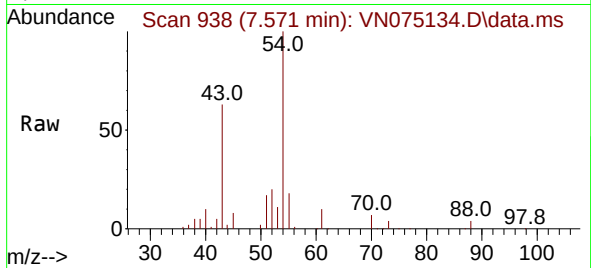
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.3
77	31.6	24.6	37.0





#37
Ethyl Acetate
Concen: 49.108 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

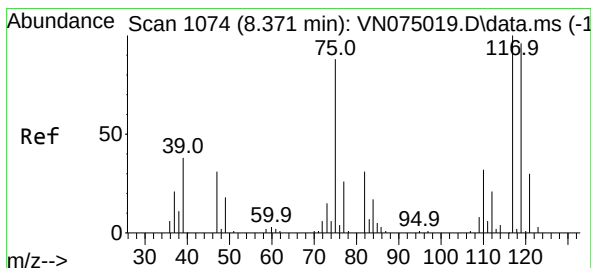
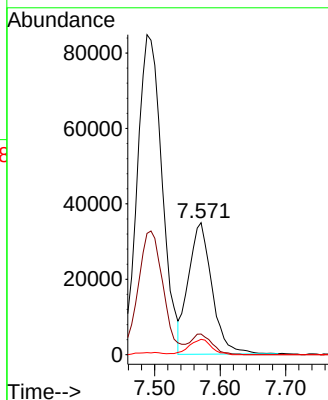
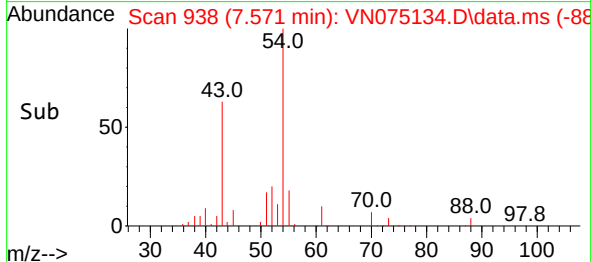
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 8697
Ion Ratio Lower Upper
43 100
61 13.9 12.2 18.4
70 11.2 9.4 14.2

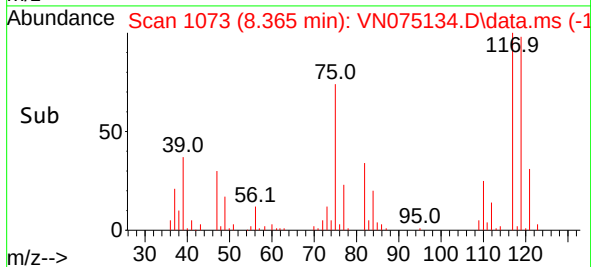
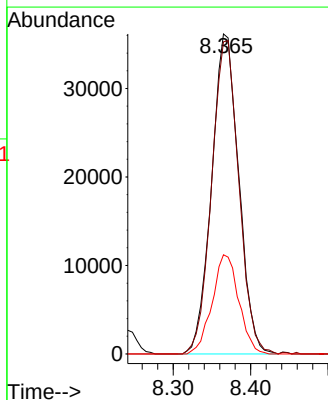
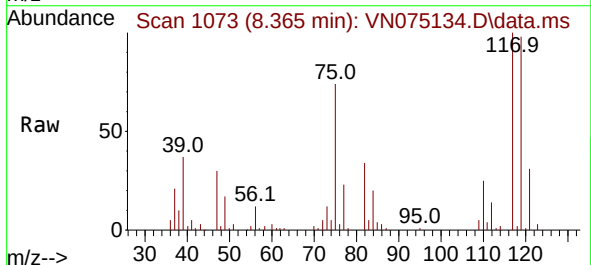
Manual Integrations
APPROVED

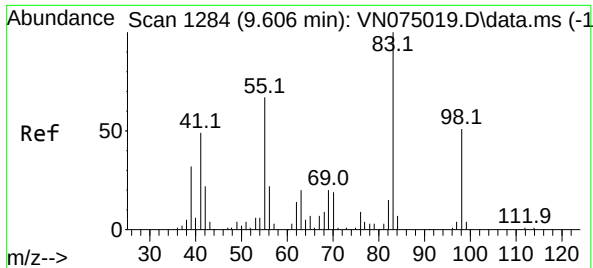
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#38
Carbon Tetrachloride
Concen: 49.503 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion:117 Resp: 87941
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1
121 31.0 23.9 35.9





#39

Methylcyclohexane

Concen: 46.595 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. -0.006 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

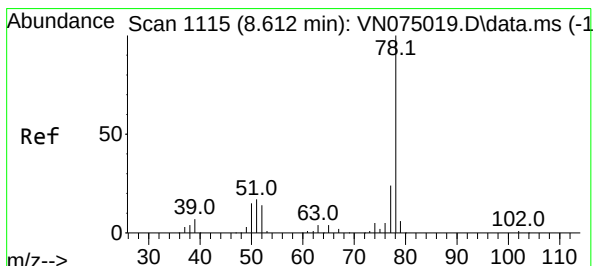
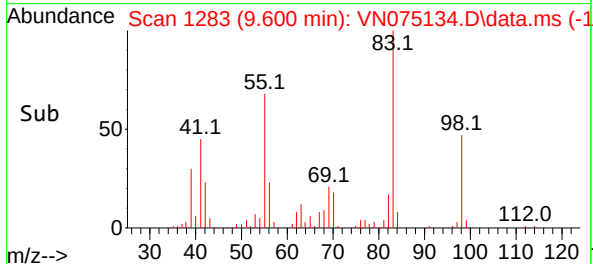
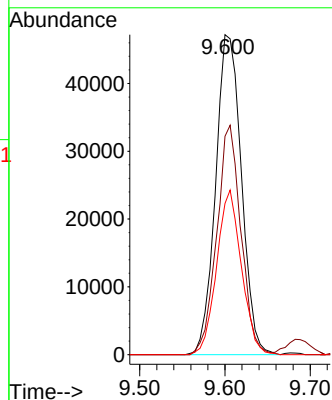
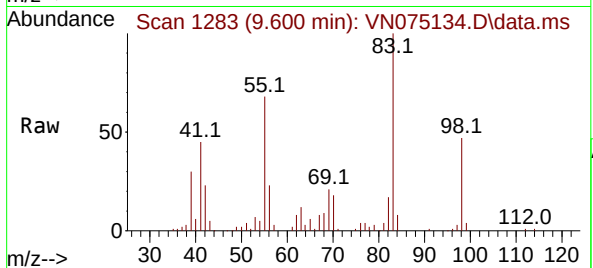
Tgt Ion: 83	Resp: 9934
Ion Ratio	Lower Upper
83	100
55	68.2 53.6 80.4
98	47.2 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#40

Benzene

Concen: 50.412 ug/l

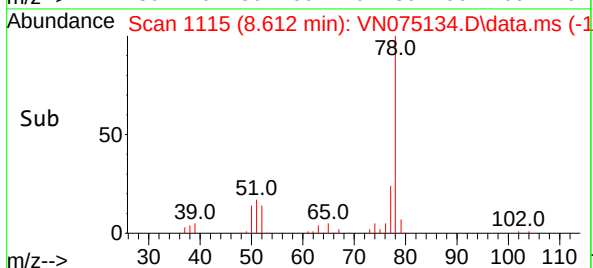
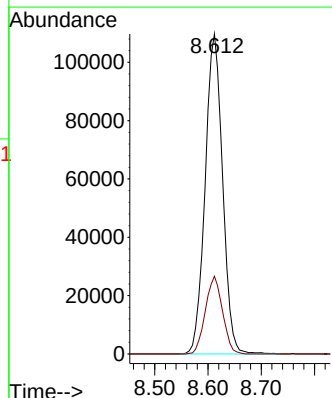
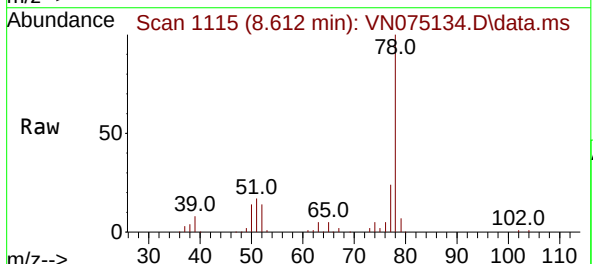
RT: 8.612 min Scan# 1115

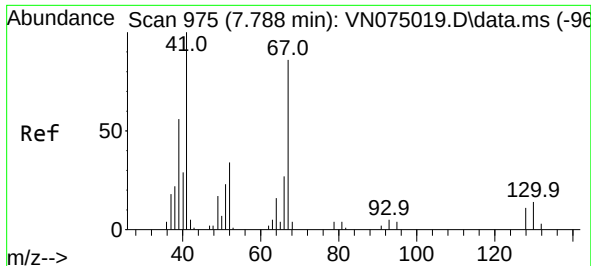
Delta R.T. -0.000 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Tgt Ion: 78	Resp: 249276
Ion Ratio	Lower Upper
78	100
77	24.3 19.4 29.0





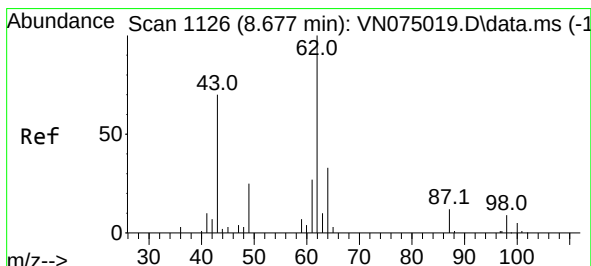
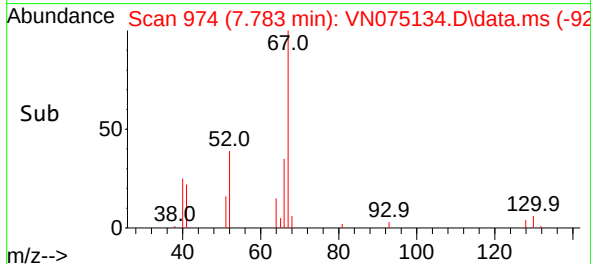
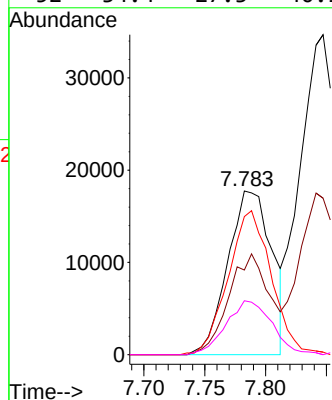
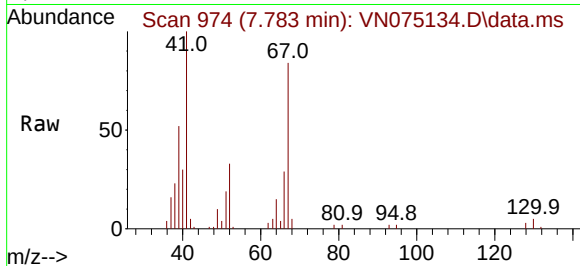
#41
Methacrylonitrile
Concen: 52.595 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 44629
Ion Ratio Lower Upper
41 100
39 57.1 44.4 66.6
67 86.5 69.8 104.6
52 34.4 27.3 40.9

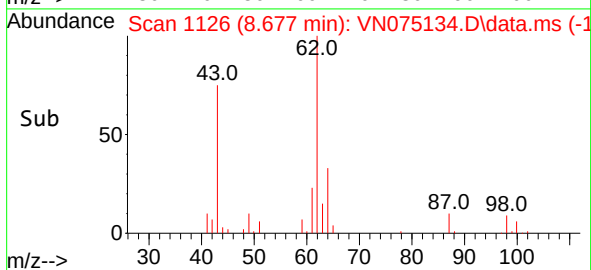
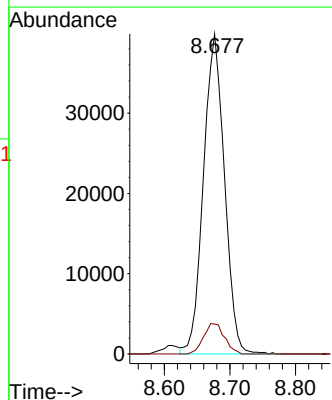
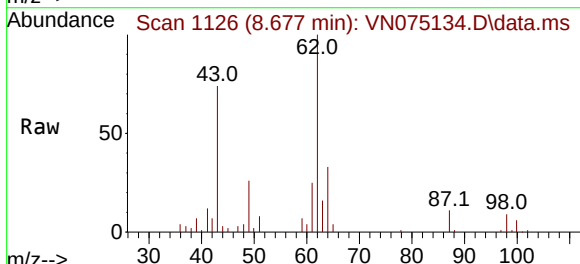
Manual Integrations
APPROVED

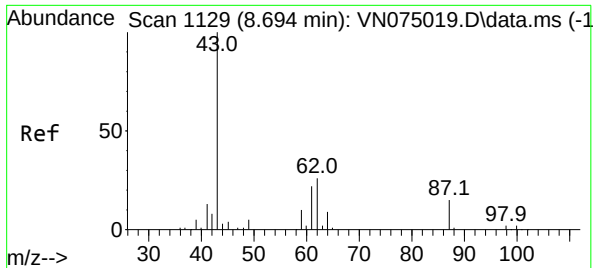
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#42
1,2-Dichloroethane
Concen: 49.437 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion: 62 Resp: 88938
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.2





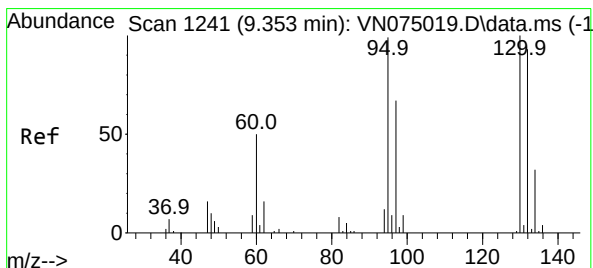
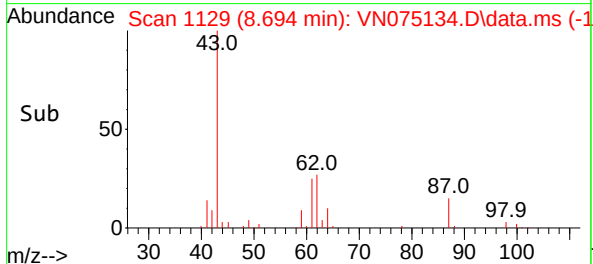
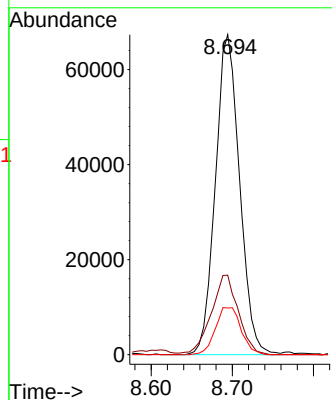
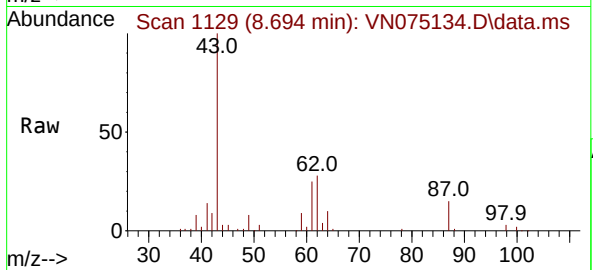
#43
Isopropyl Acetate
Concen: 50.819 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 139612
Ion Ratio Lower Upper
43 100
61 27.9 22.4 33.6
87 15.7 12.5 18.7

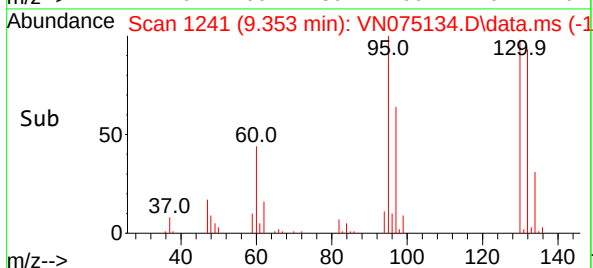
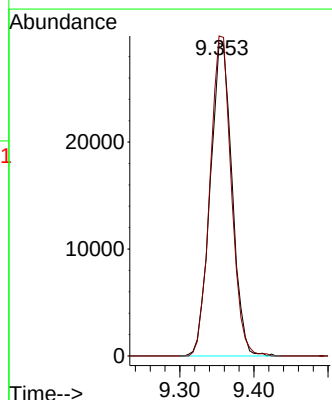
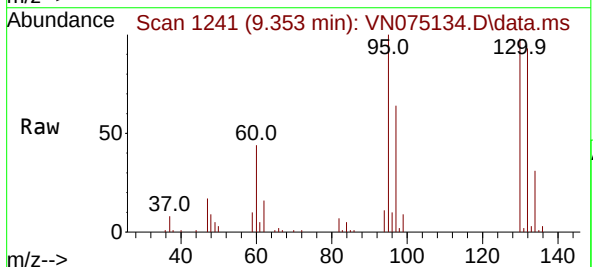
Manual Integrations
APPROVED

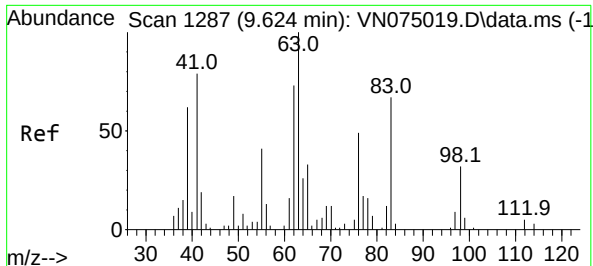
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#44
Trichloroethene
Concen: 48.239 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion:130 Resp: 59844
Ion Ratio Lower Upper
130 100
95 102.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.587 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6188

Ion Ratio Lower Upper

63 100

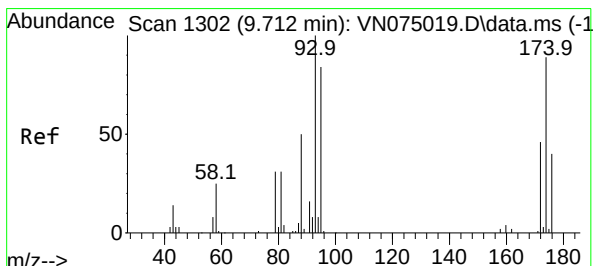
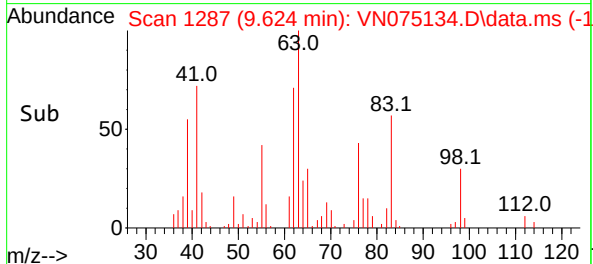
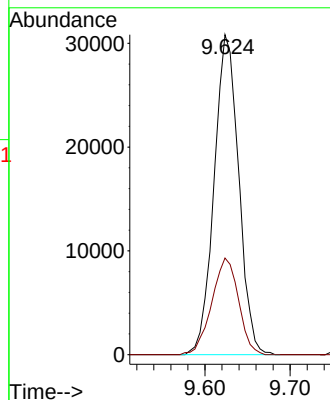
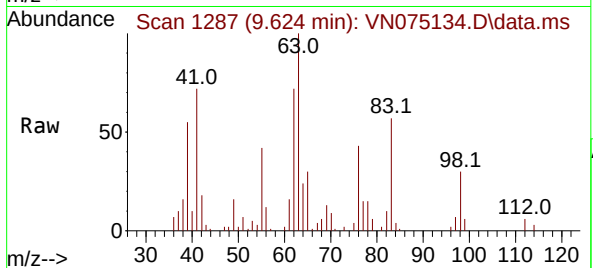
65 30.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#46

Dibromomethane

Concen: 50.117 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

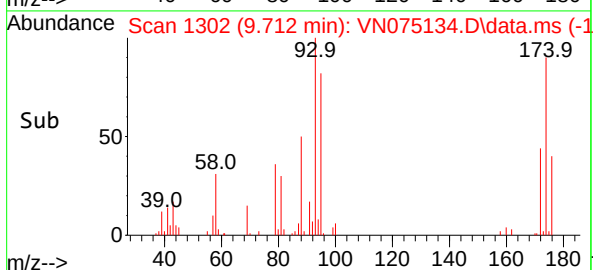
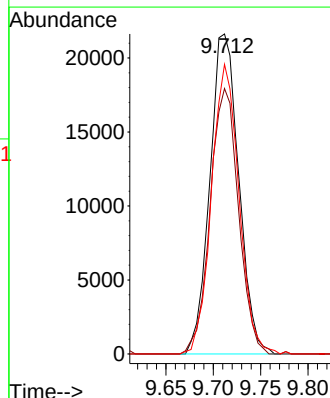
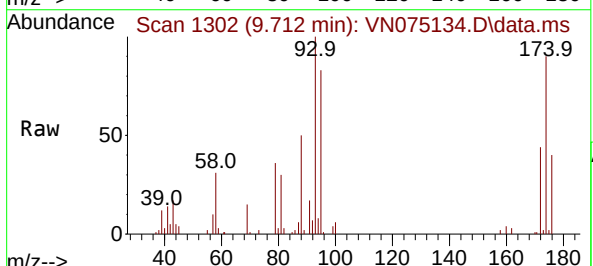
Tgt Ion: 93 Resp: 45947

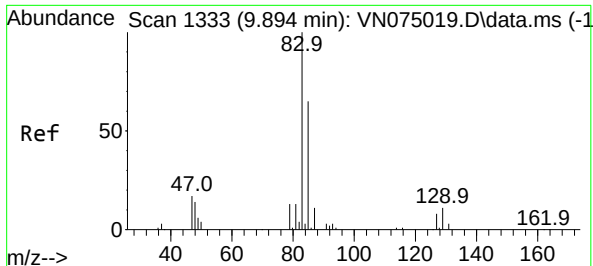
Ion Ratio Lower Upper

93 100

95 81.3 66.6 99.8

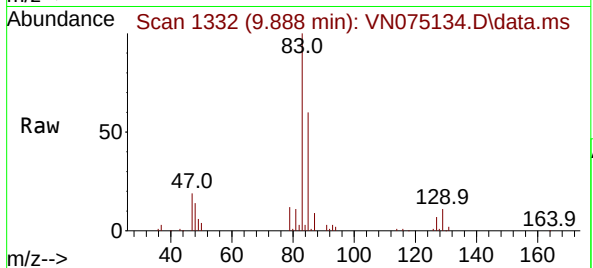
174 86.3 70.3 105.5





#47
Bromodichloromethane
Concen: 50.526 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

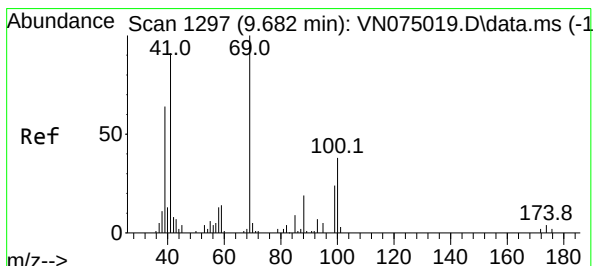
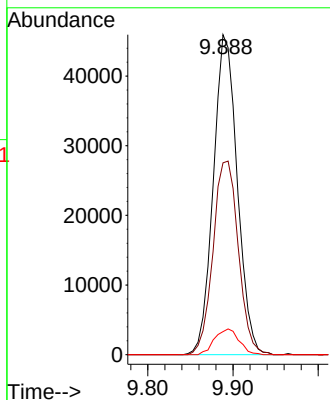
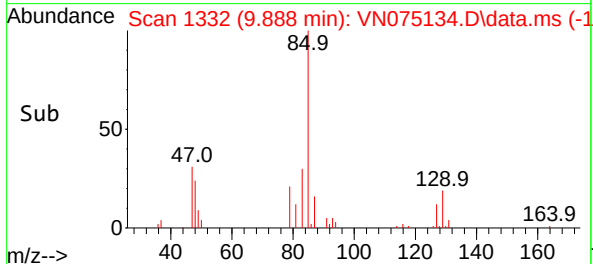
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 89704
Ion Ratio Lower Upper
83 100
85 60.0 52.1 78.1
127 7.2 6.6 10.0

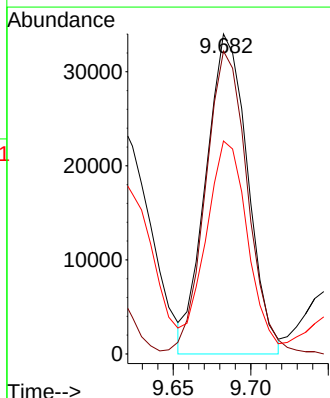
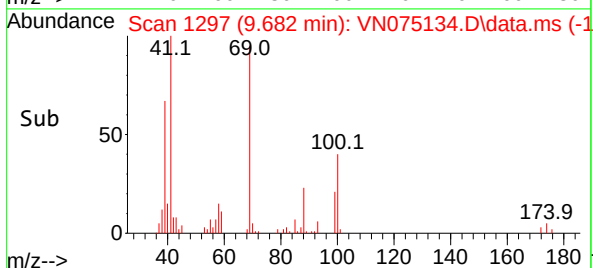
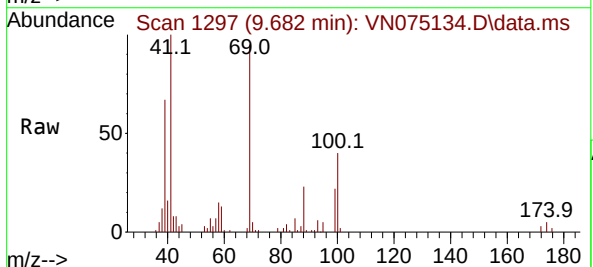
Manual Integrations
APPROVED

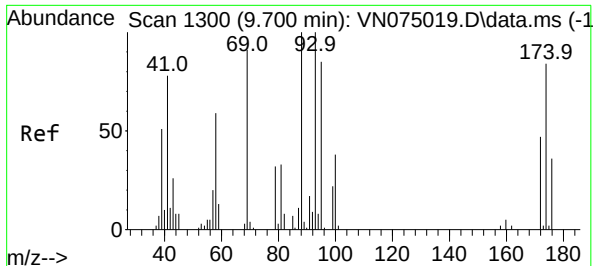
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#48
Methyl methacrylate
Concen: 50.532 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion: 41 Resp: 63680
Ion Ratio Lower Upper
41 100
69 95.6 80.2 120.2
39 67.6 56.2 84.2





#49

1,4-Dioxane

Concen: 1088.442 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 35918

Ion Ratio Lower Upper

88 100

43 26.0 17.5 26.3

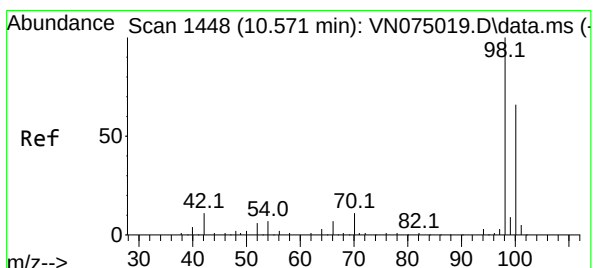
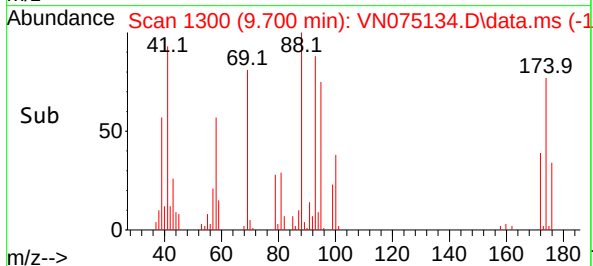
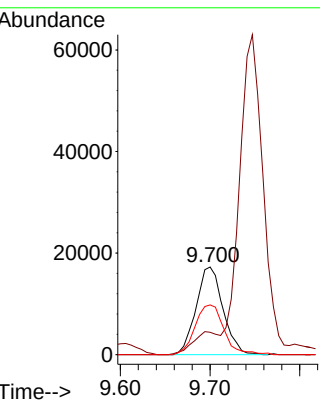
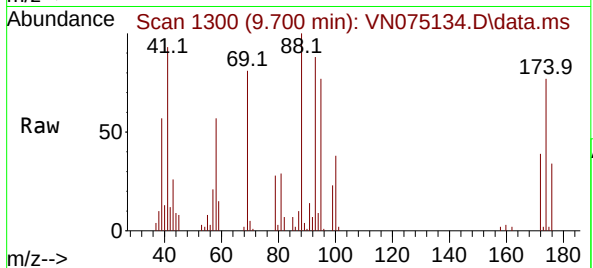
58 61.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#50

Toluene-d8

Concen: 52.584 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075134.D

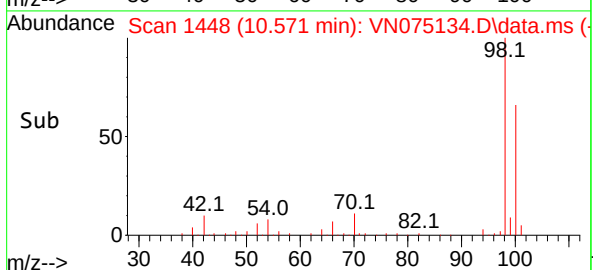
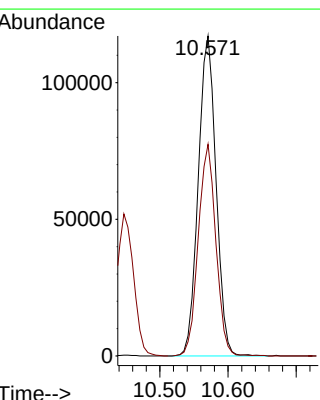
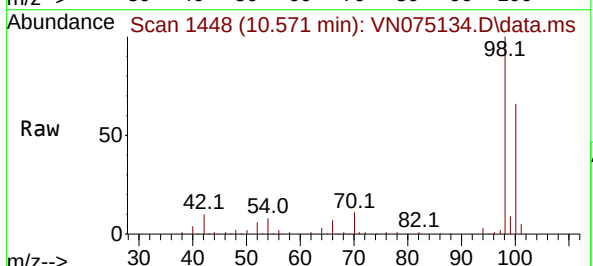
Acq: 02 Nov 2022 22:05

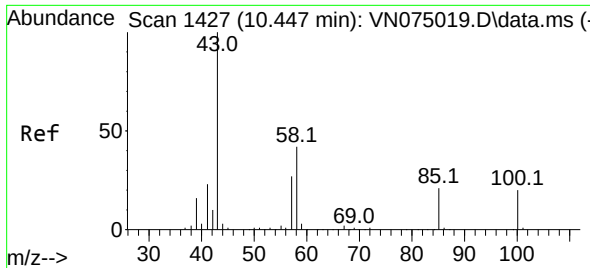
Tgt Ion: 98 Resp: 212815

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





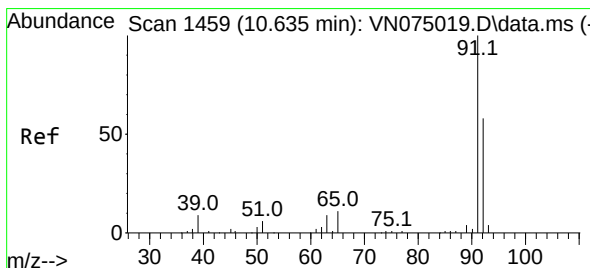
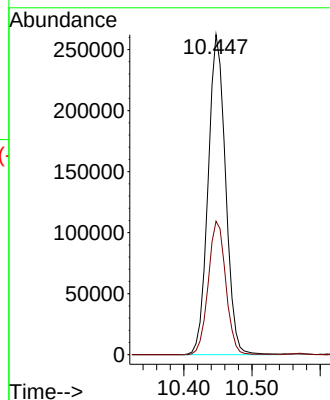
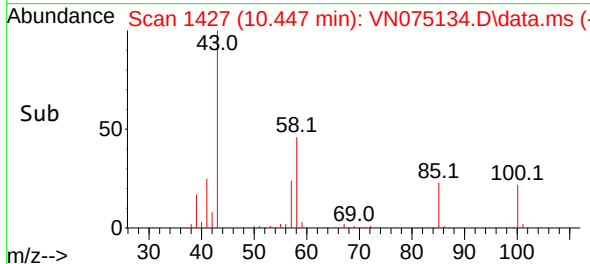
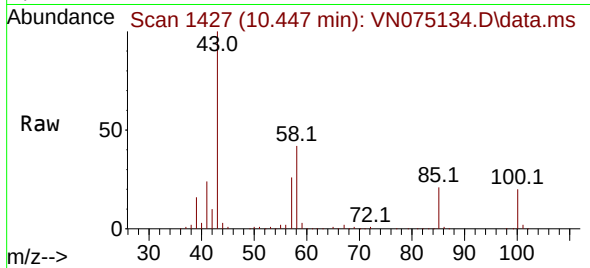
#51
4-Methyl-2-Pentanone
Concen: 263.772 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 467612
Ion Ratio Lower Upper
43 100
58 41.9 33.6 50.4

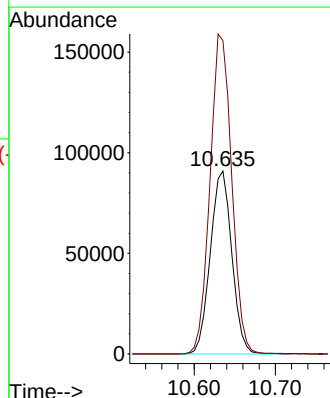
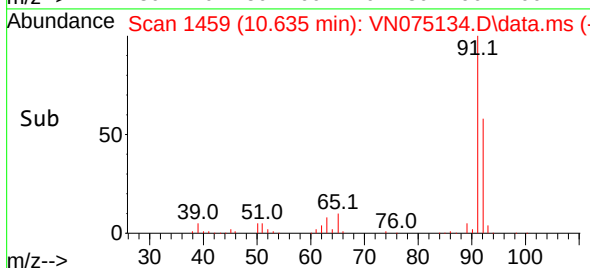
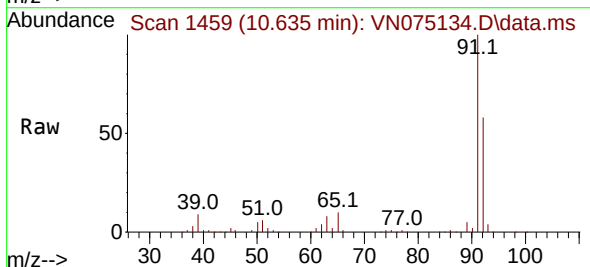
Manual Integrations
APPROVED

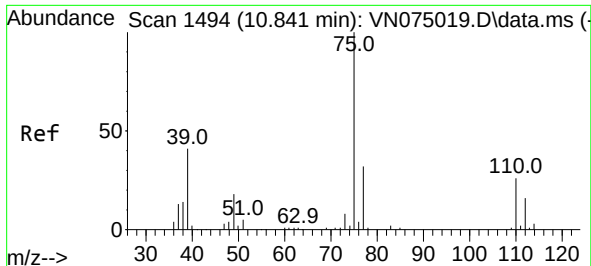
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Toluene
Concen: 50.591 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion: 92 Resp: 167224
Ion Ratio Lower Upper
92 100
91 176.3 135.4 203.2





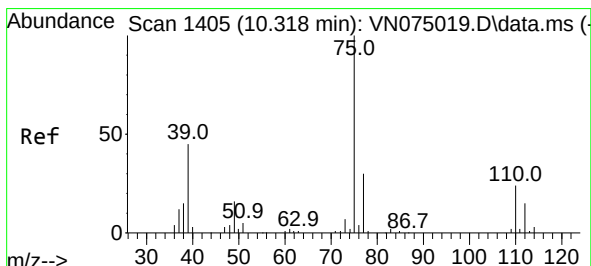
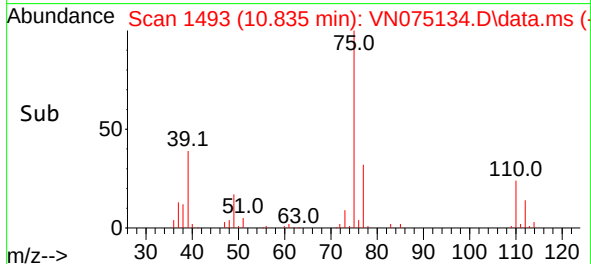
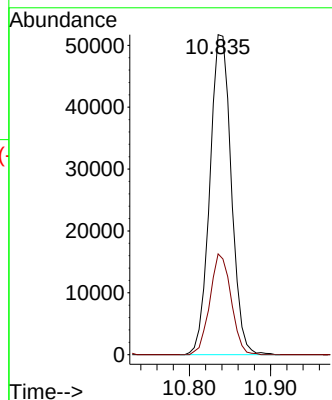
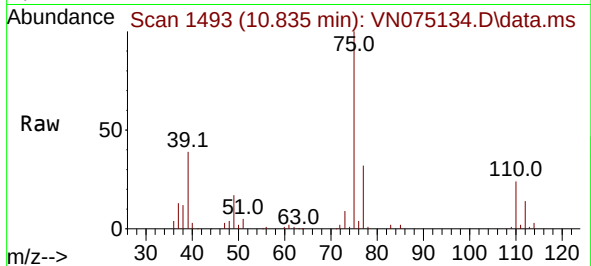
#53
 t-1,3-Dichloropropene
 Concen: 50.449 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075134.D
 Acq: 02 Nov 2022 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 94539
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2

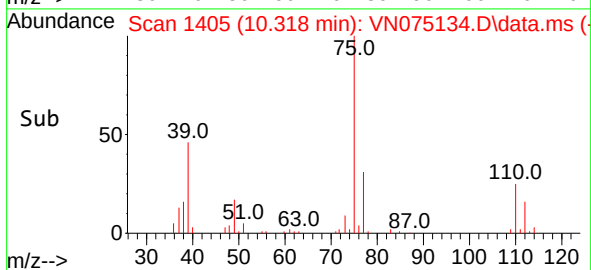
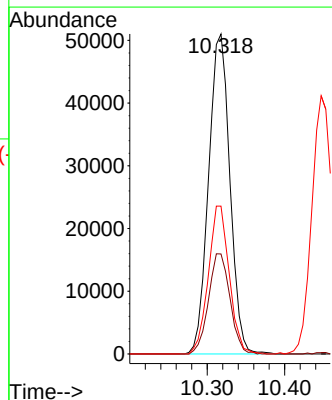
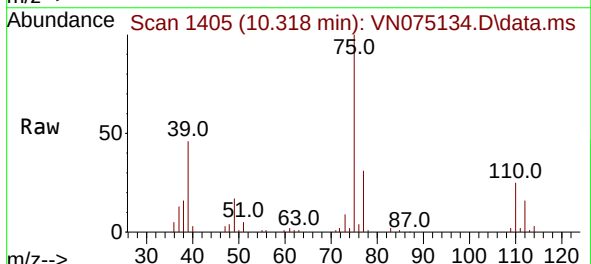
Manual Integrations
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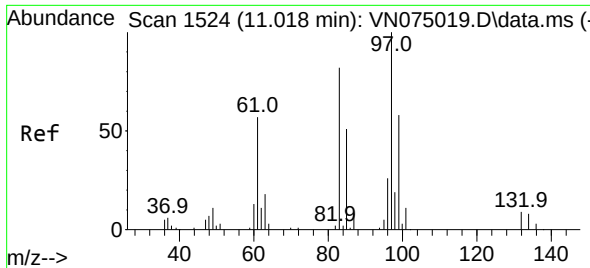
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#54
 cis-1,3-Dichloropropene
 Concen: 49.005 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075134.D
 Acq: 02 Nov 2022 22:05

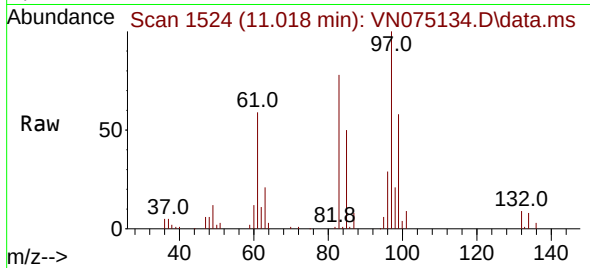
Tgt Ion: 75 Resp: 97403
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.7 35.5
 39 46.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 51.466 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

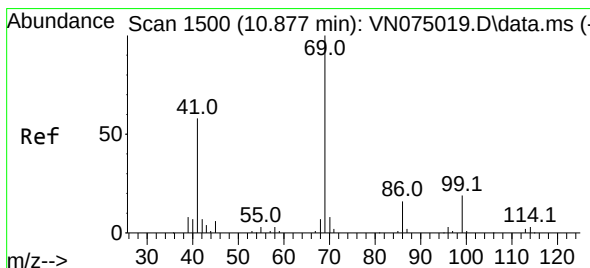
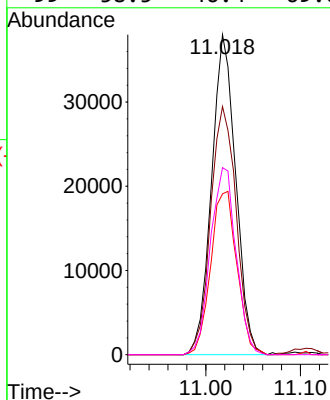
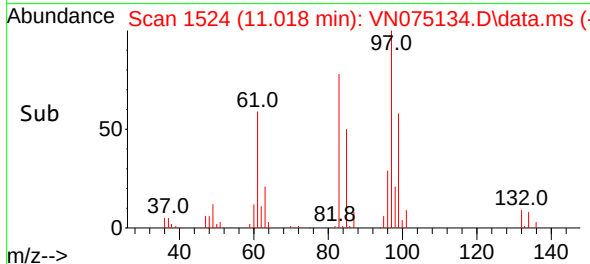
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	6745
Ion	Ratio	Lower	Upper
97	100		
83	77.5	65.9	98.9
85	50.3	40.4	60.6
99	58.5	46.4	69.6

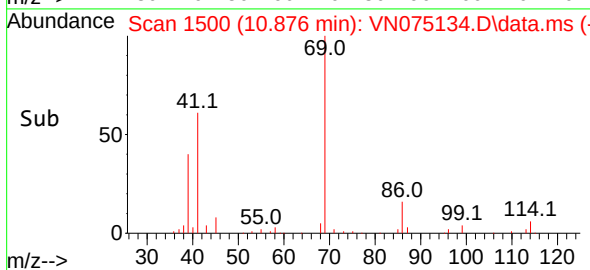
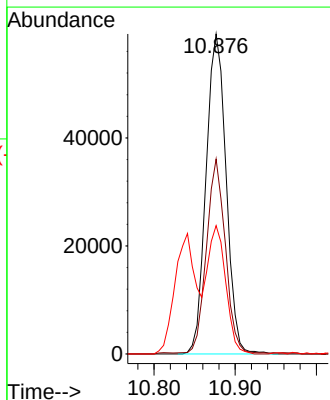
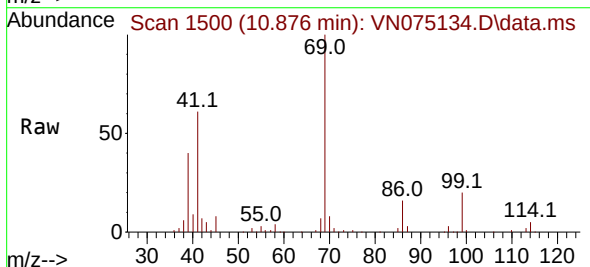
Manual Integrations
APPROVED

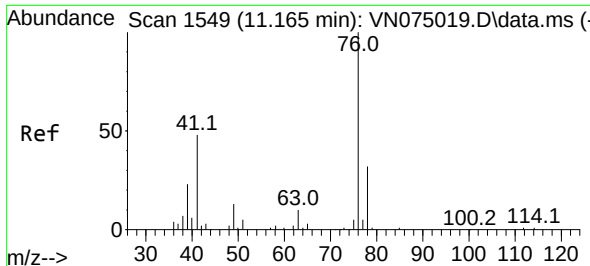
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#56
Ethyl methacrylate
Concen: 50.806 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion:	69	Resp:	101572
Ion	Ratio	Lower	Upper
69	100		
41	56.8	45.6	68.4
39	36.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 51.388 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 112162

Ion Ratio Lower Upper

76 100

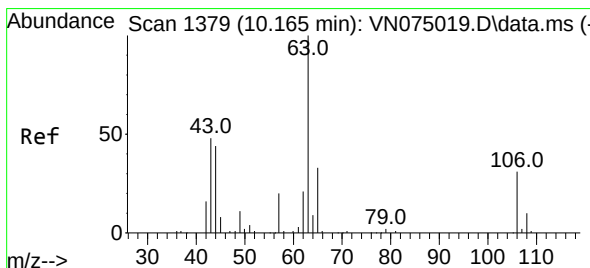
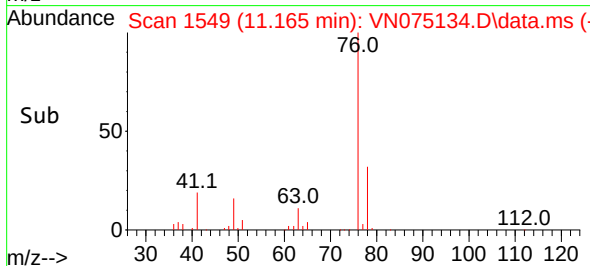
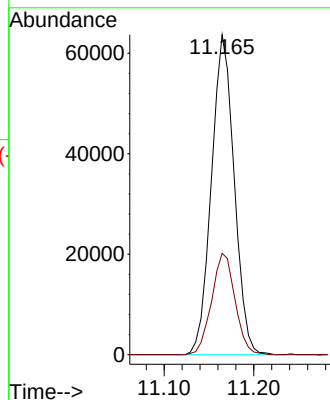
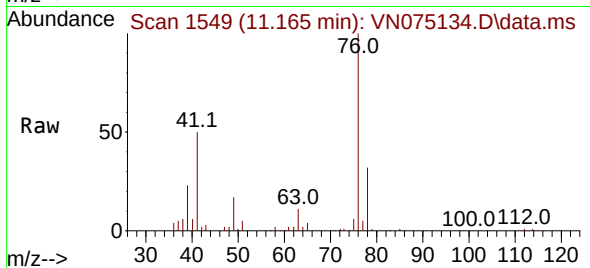
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 261.965 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075134.D

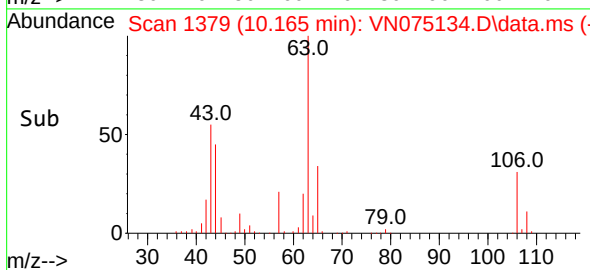
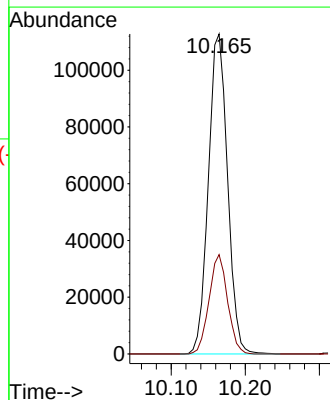
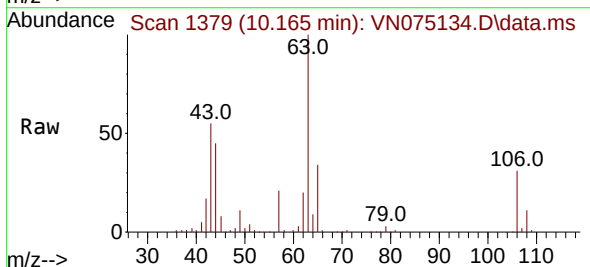
Acq: 02 Nov 2022 22:05

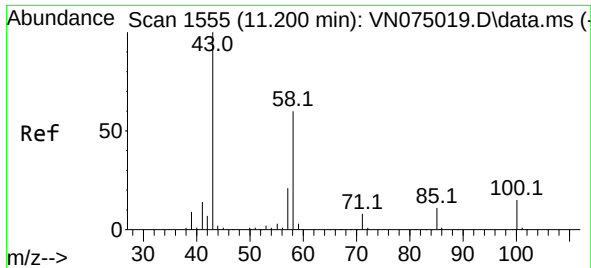
Tgt Ion: 63 Resp: 202470

Ion Ratio Lower Upper

63 100

106 30.0 24.8 37.2





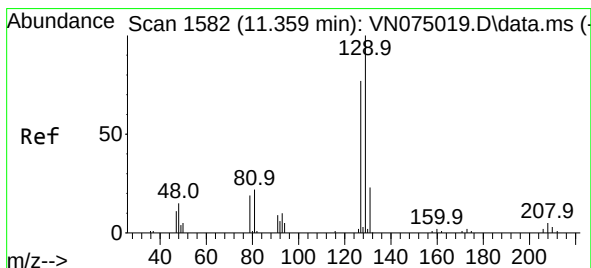
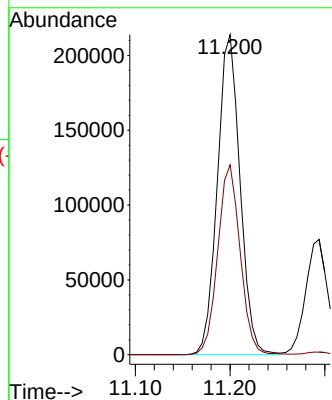
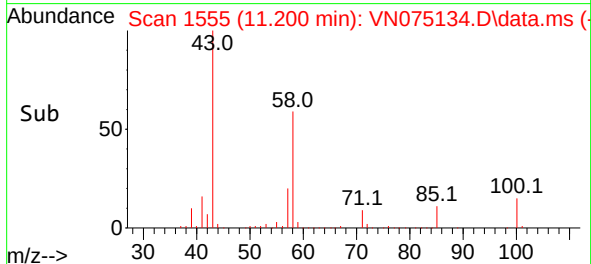
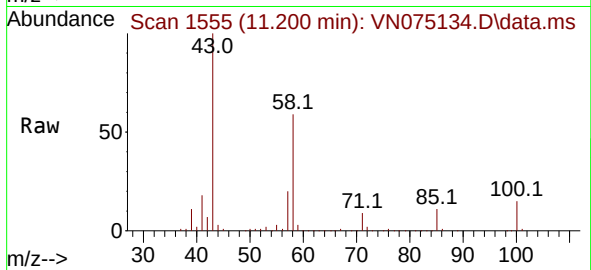
#59
2-Hexanone
Concen: 264.459 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 355820
Ion Ratio Lower Upper
43 100
58 58.5 29.6 88.8

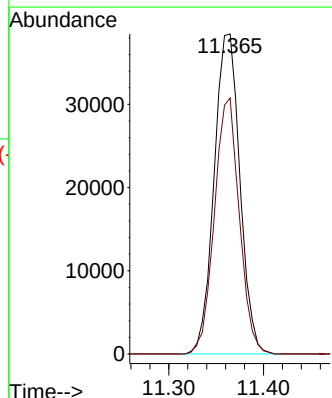
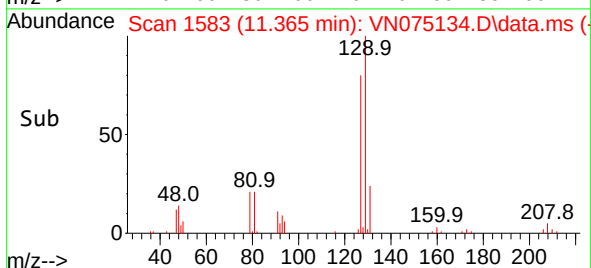
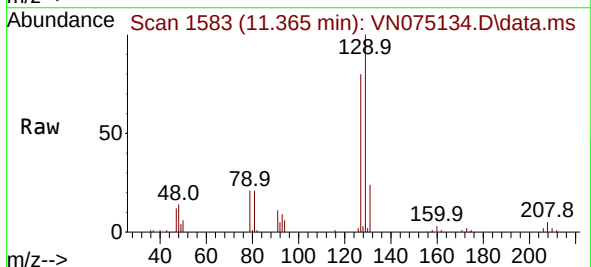
Manual Integrations
APPROVED

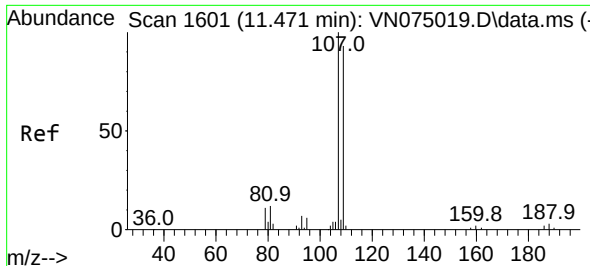
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#60
Dibromochloromethane
Concen: 52.643 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

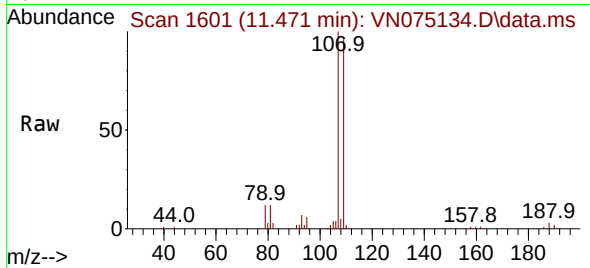
Tgt Ion:129 Resp: 72794
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.718 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

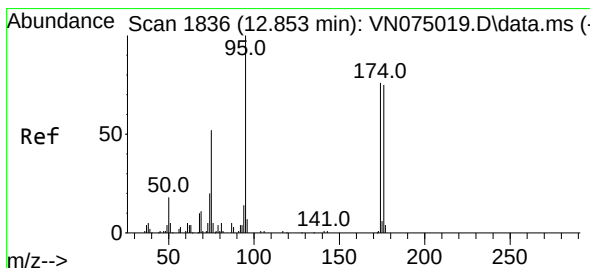
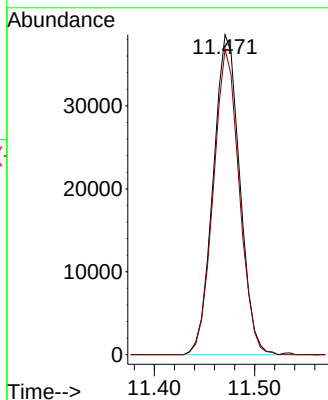
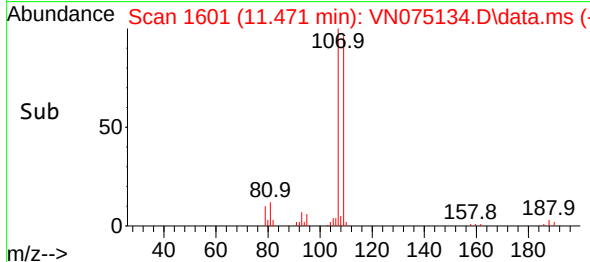
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



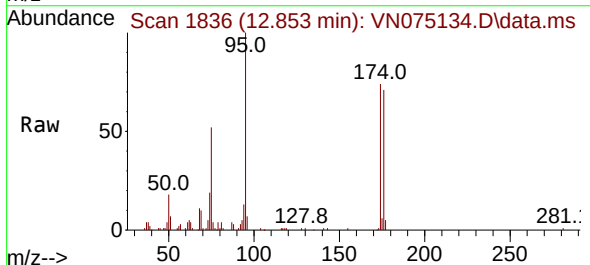
Tgt Ion:107 Resp: 70808
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

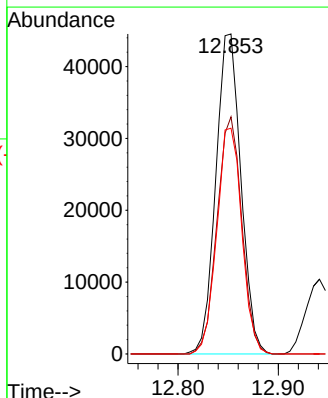
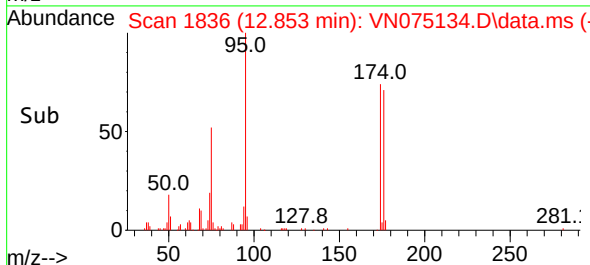
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

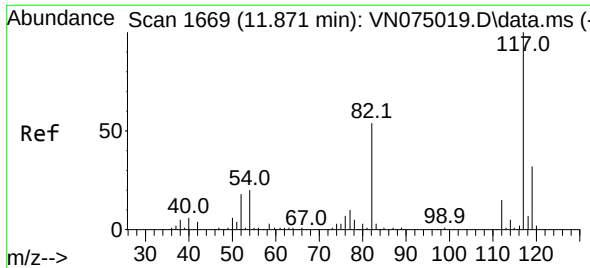


#62
4-Bromofluorobenzene
Concen: 54.485 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



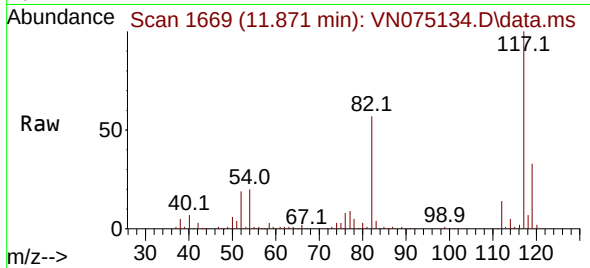
Tgt Ion: 95 Resp: 77460
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.4
176 70.3 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

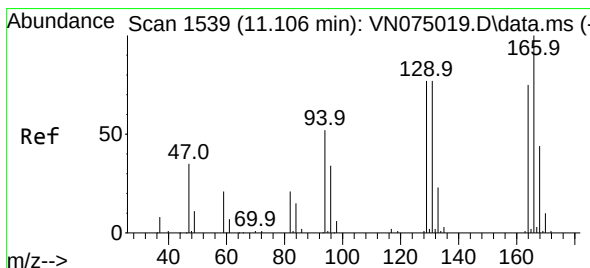
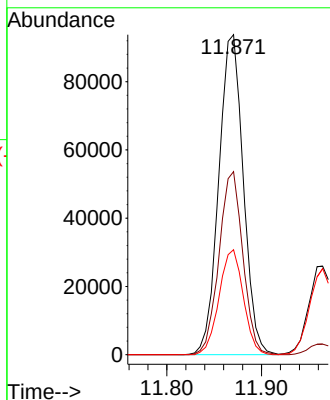
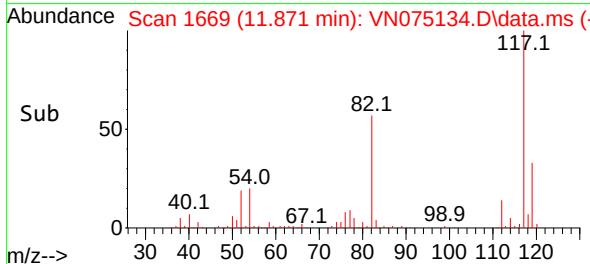
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 16896
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 32.8 25.5 38.3

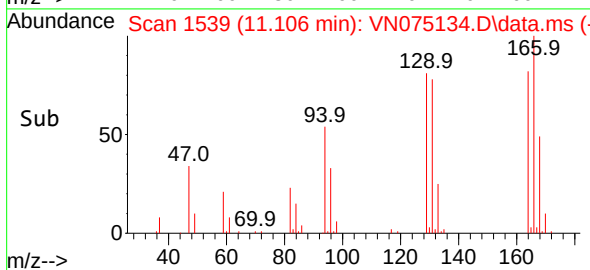
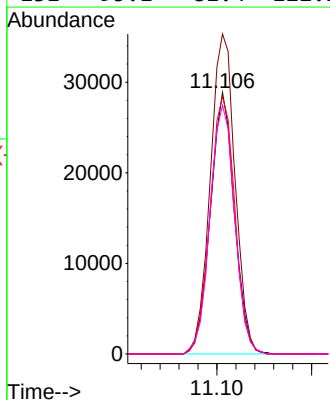
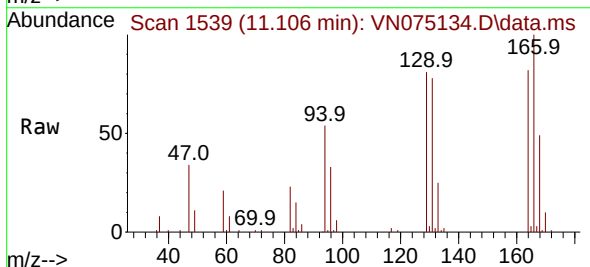
Manual Integrations
APPROVED

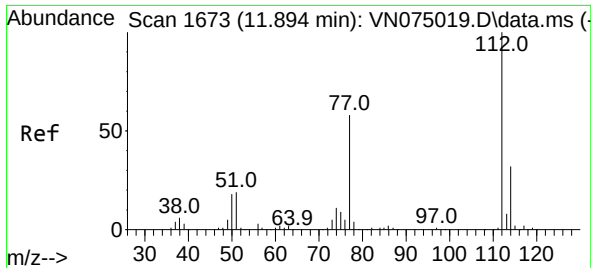
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#64
Tetrachloroethene
Concen: 48.934 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion:164 Resp: 50691
Ion Ratio Lower Upper
164 100
166 122.4 106.5 159.7
129 98.6 81.9 122.9
131 95.1 81.4 122.2





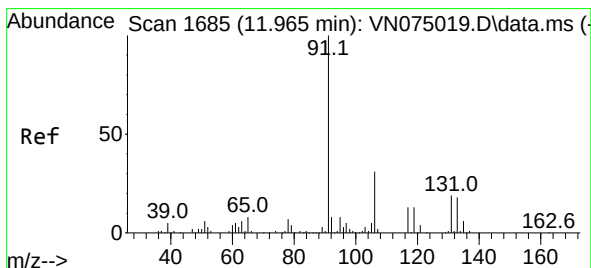
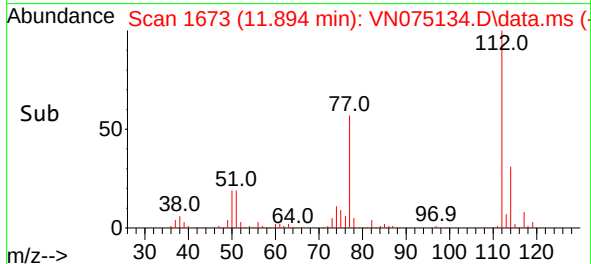
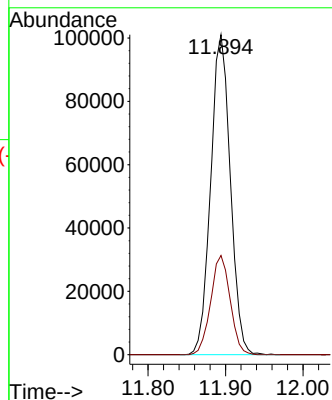
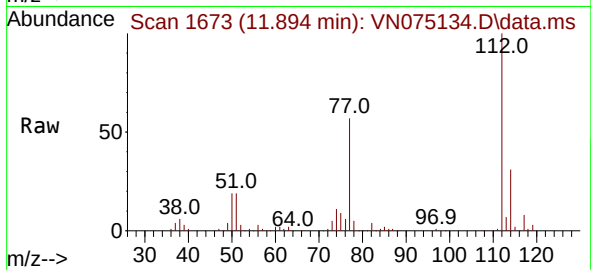
#65
Chlorobenzene
Concen: 49.335 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 177930
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

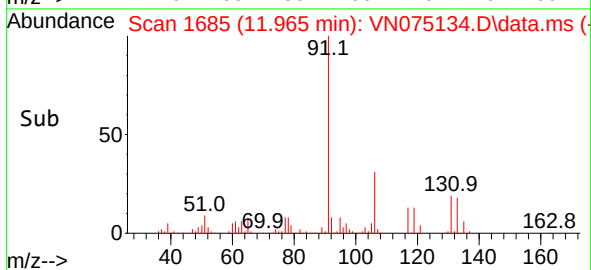
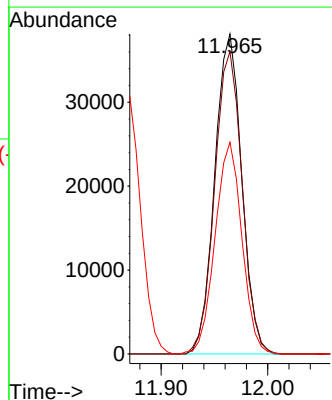
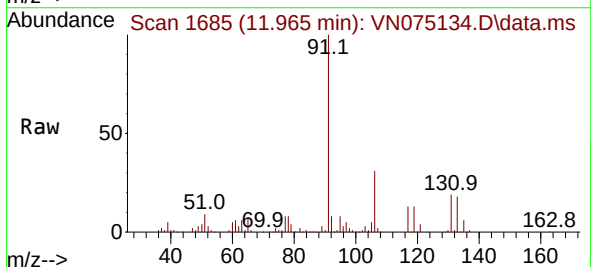
Manual Integrations
APPROVED

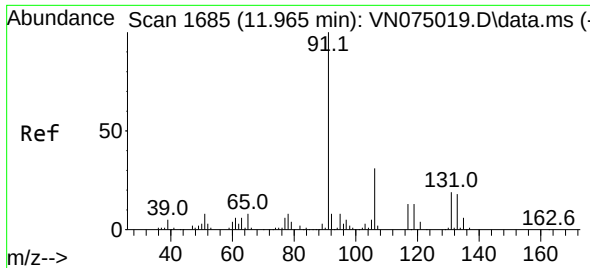
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.097 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

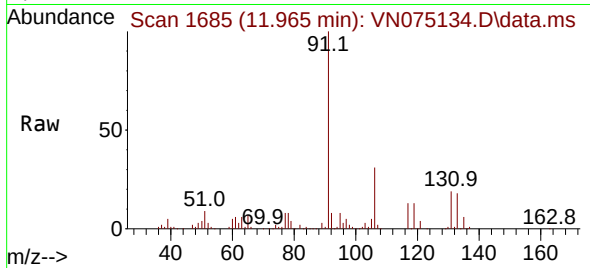
Tgt Ion:131 Resp: 67026
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 65.9 33.0 99.0





#67
Ethyl Benzene
Concen: 50.234 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

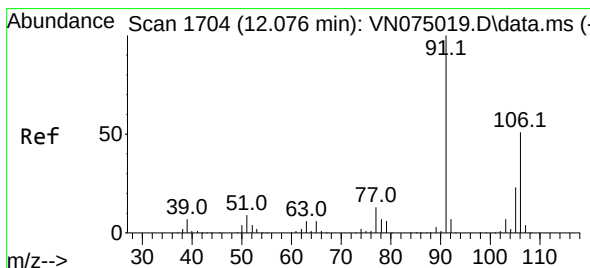
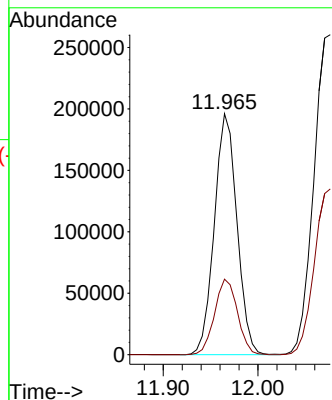
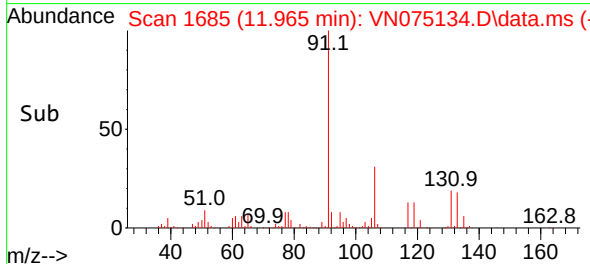
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



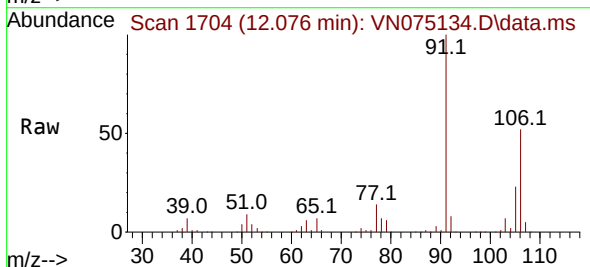
Tgt Ion: 91 Resp: 325958
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
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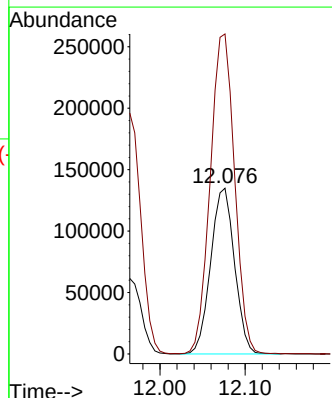
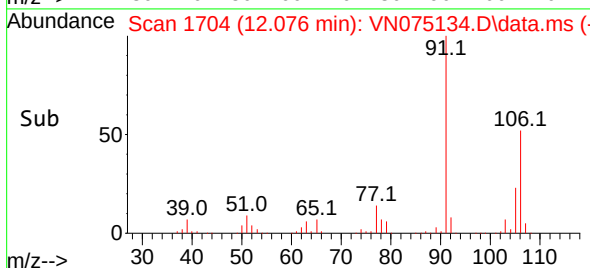
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

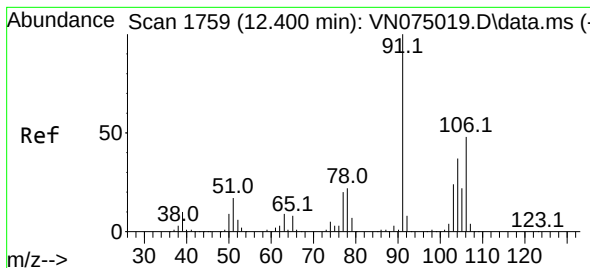


#68
m/p-Xylenes
Concen: 100.764 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



Tgt Ion:106 Resp: 262355
Ion Ratio Lower Upper
106 100
91 197.5 156.0 234.0





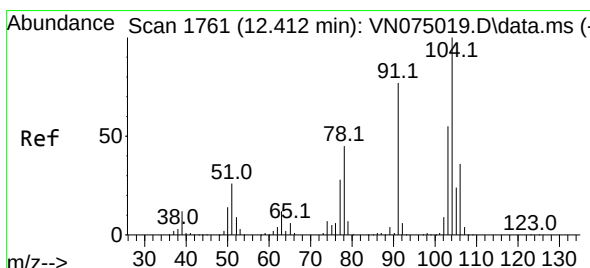
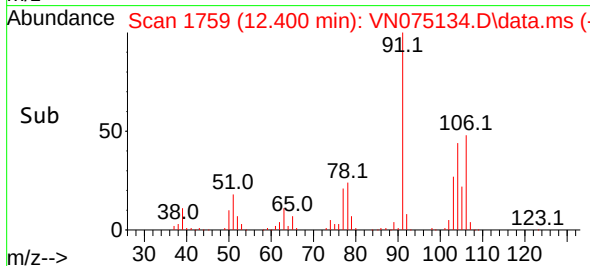
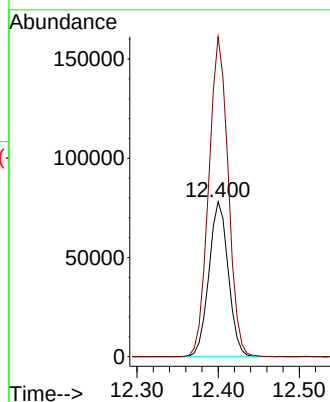
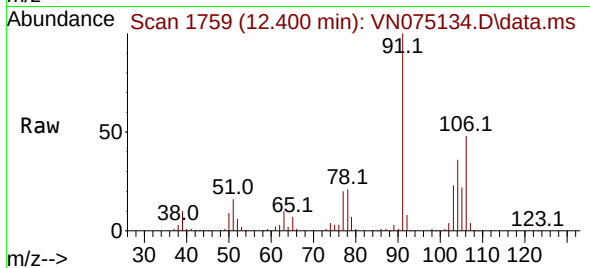
#69
o-Xylene
Concen: 50.123 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 129060
Ion Ratio Lower Upper
106 100
91 208.3 105.2 315.5

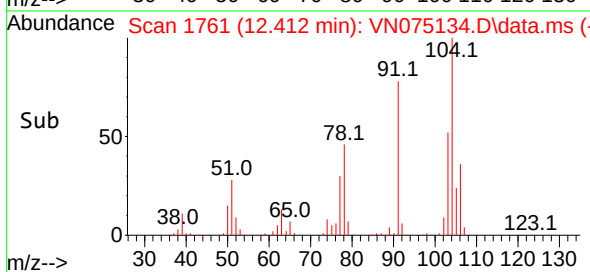
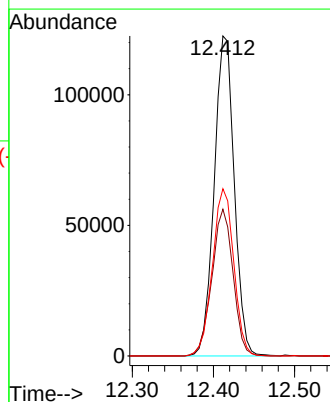
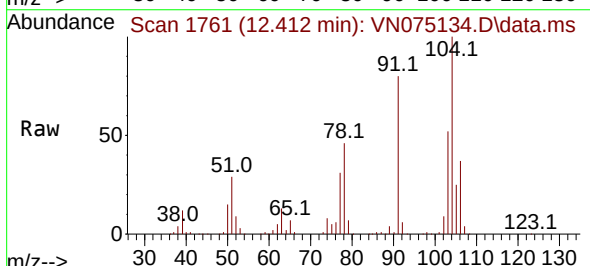
Manual Integrations
APPROVED

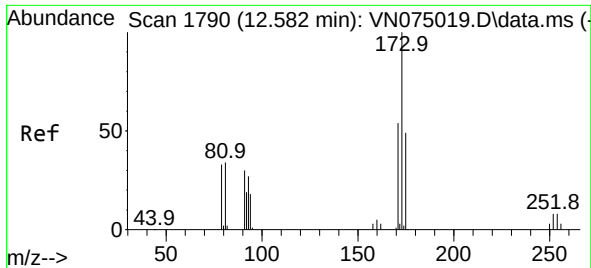
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#70
Styrene
Concen: 51.355 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion:104 Resp: 210845
Ion Ratio Lower Upper
104 100
78 48.3 38.1 57.1
103 55.4 44.6 66.8





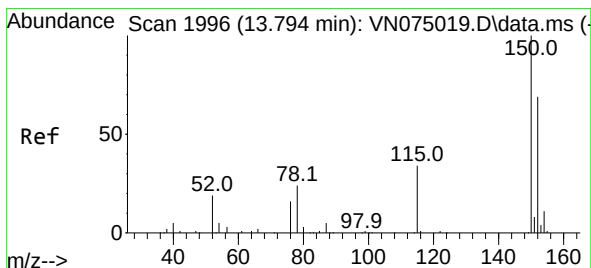
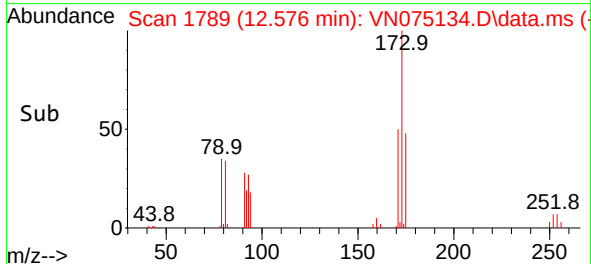
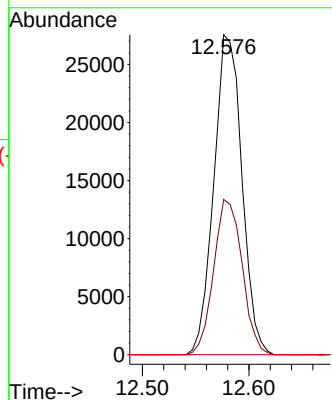
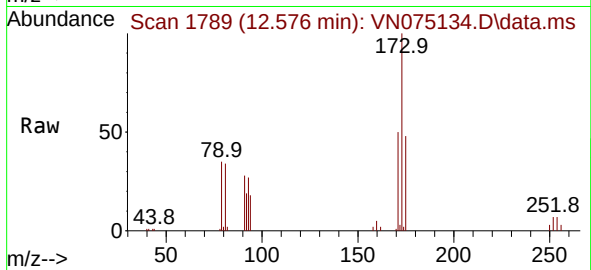
#71
Bromoform
Concen: 50.330 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 50415
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0

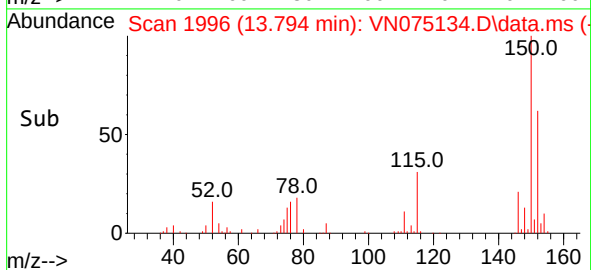
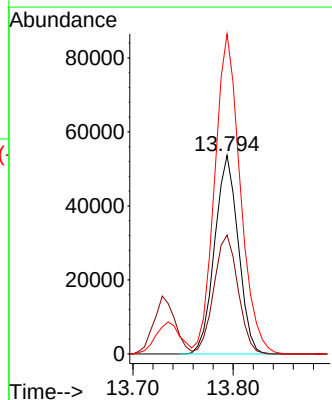
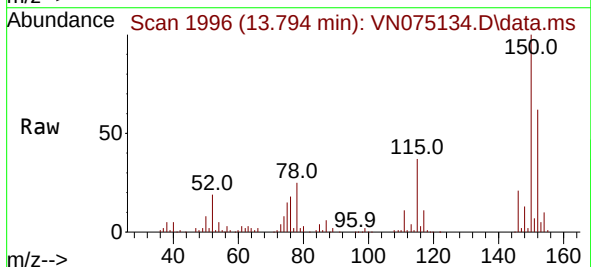
Manual Integrations
APPROVED

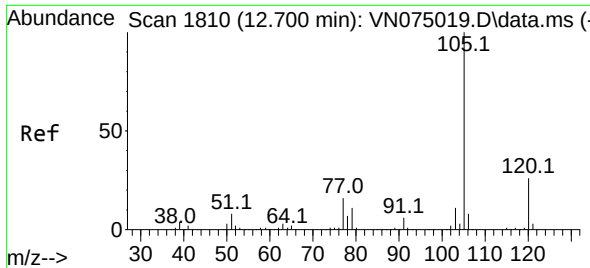
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Tgt Ion:152 Resp: 87492
Ion Ratio Lower Upper
152 100
115 61.6 30.2 90.6
150 175.1 0.0 348.4





#73
Isopropylbenzene
Concen: 47.622 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

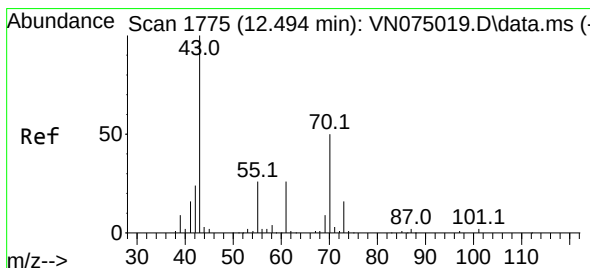
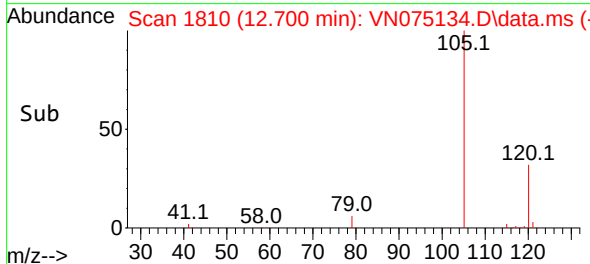
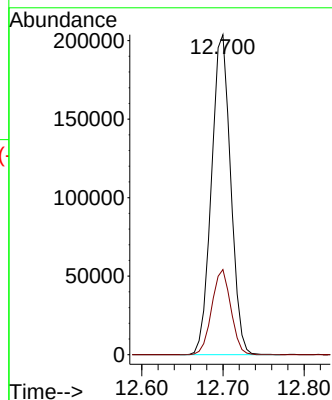
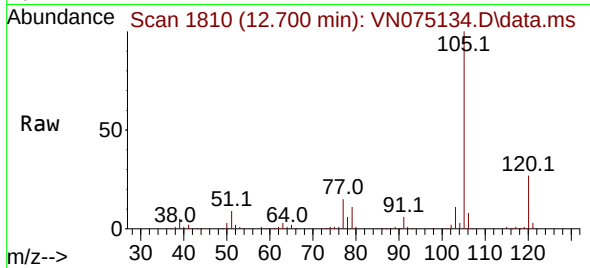
VSTDCCC050EC

Tgt Ion:105 Resp: 334490
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

Manual Integrations

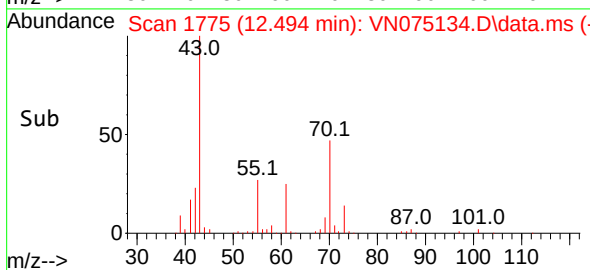
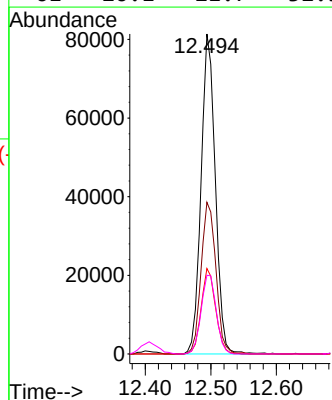
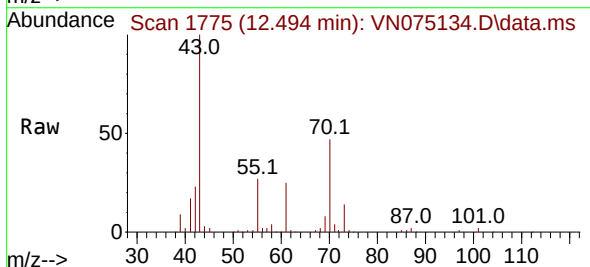
APPROVED

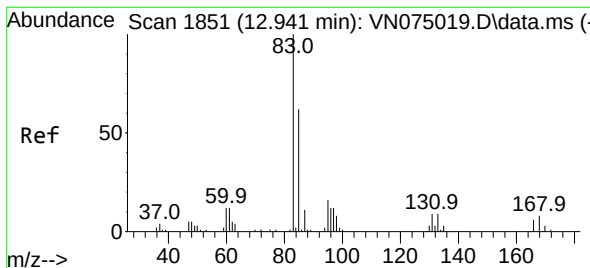
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#74
N-ethyl acetate
Concen: 47.503 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

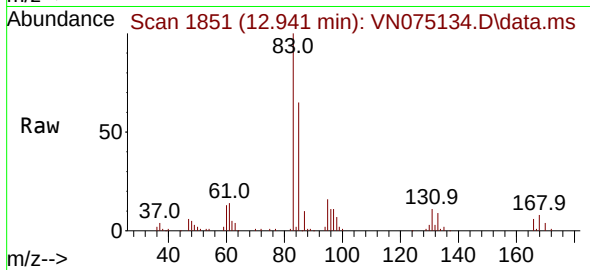
Tgt Ion: 43 Resp: 123406
Ion Ratio Lower Upper
43 100
70 49.2 39.8 59.8
55 27.0 19.9 29.9
61 26.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 55.480 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

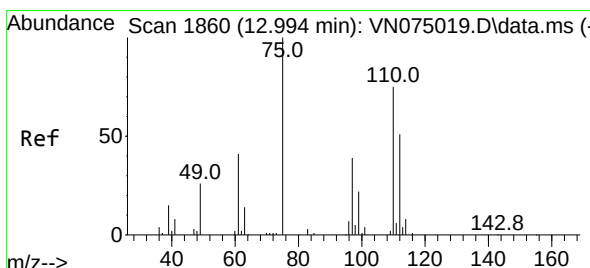
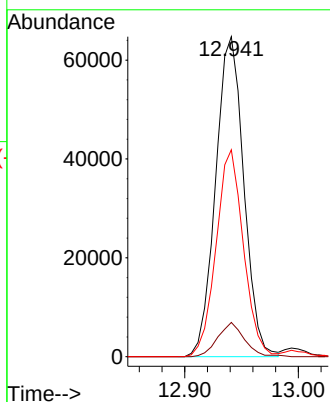
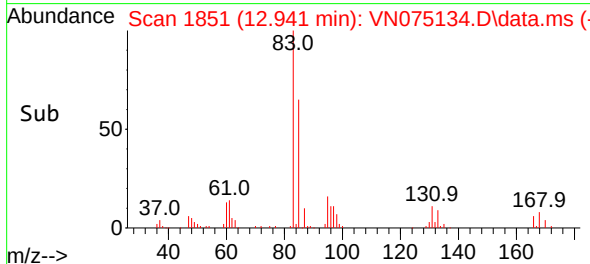
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 111792
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 62.8 31.6 94.7

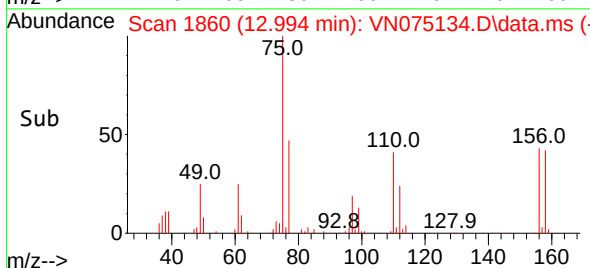
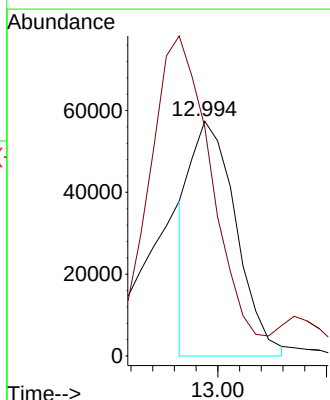
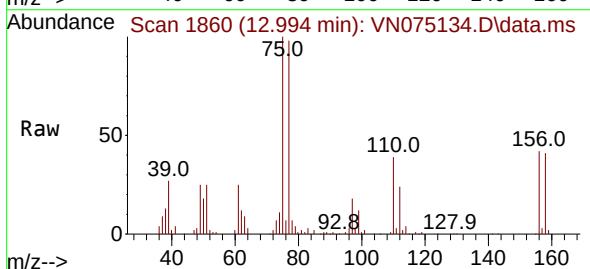
Manual Integrations
APPROVED

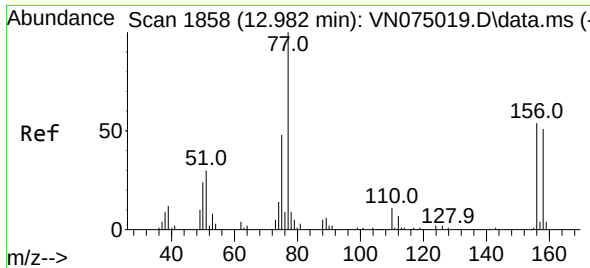
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#76
1,2,3-Trichloropropane
Concen: 45.396 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

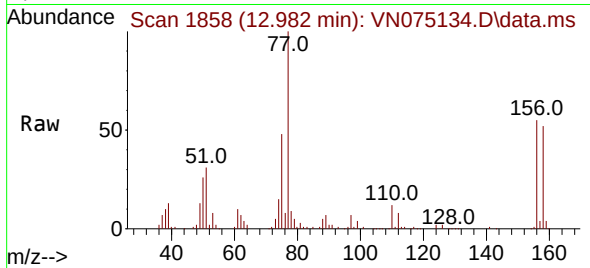
Tgt Ion: 75 Resp: 84331
Ion Ratio Lower Upper
75 100
77 189.1 75.6 226.8





#77
Bromobenzene
Concen: 46.610 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

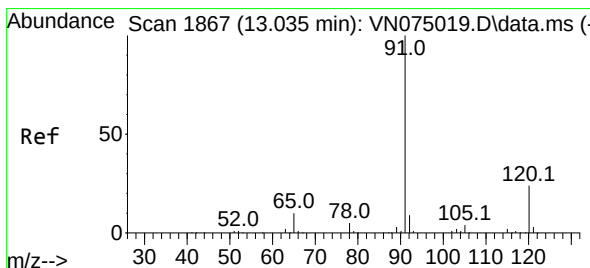
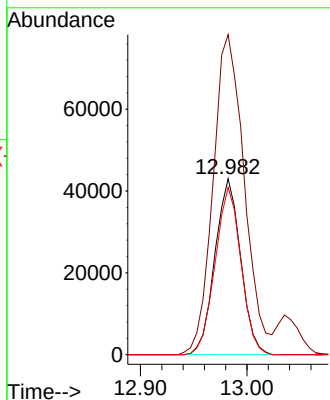
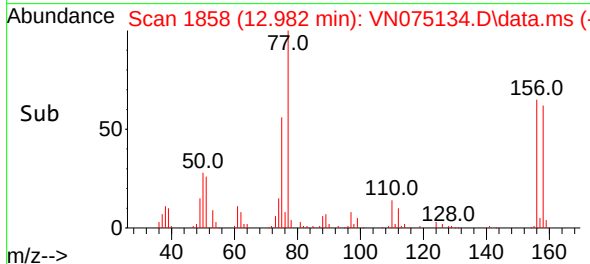
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



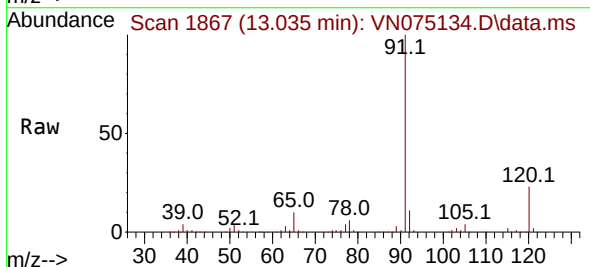
Tgt Ion:156 Resp: 72085
Ion Ratio Lower Upper
156 100
77 221.2 108.5 325.5
158 95.6 47.7 143.1

Manual Integrations
APPROVED

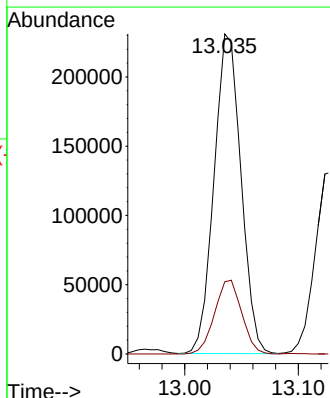
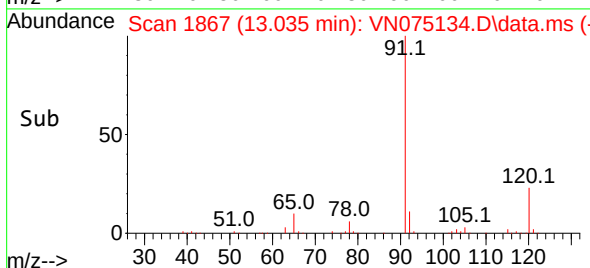
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

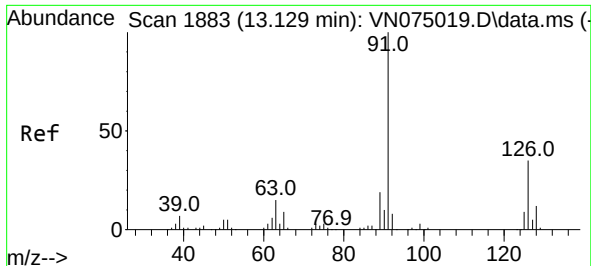


#78
n-propylbenzene
Concen: 48.295 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



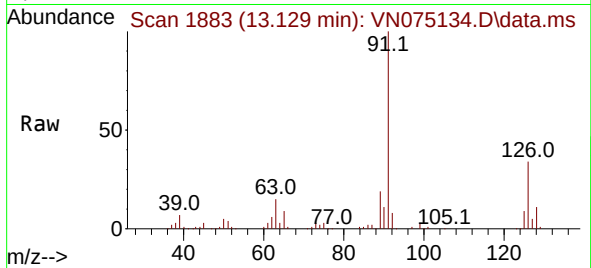
Tgt Ion: 91 Resp: 380856
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 47.432 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

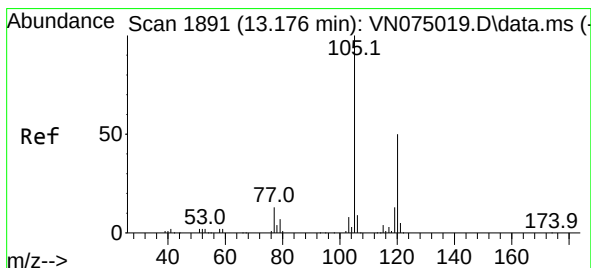
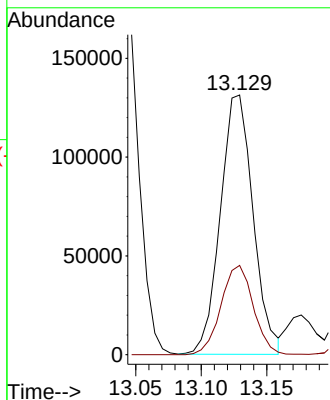
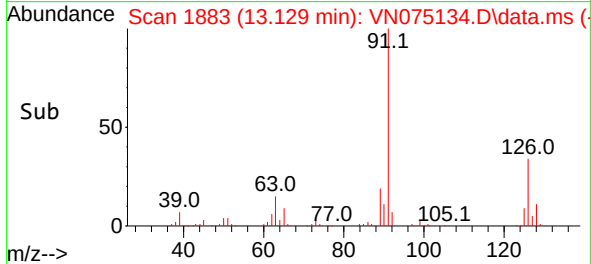
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



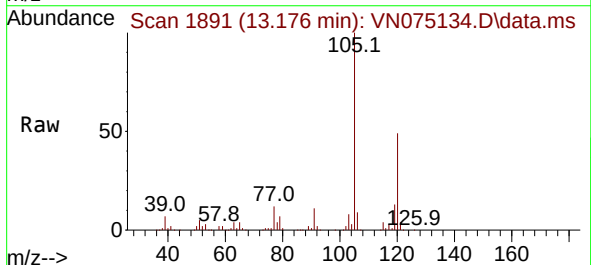
Tgt Ion: 91 Resp: 228579
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7

Manual Integrations
APPROVED

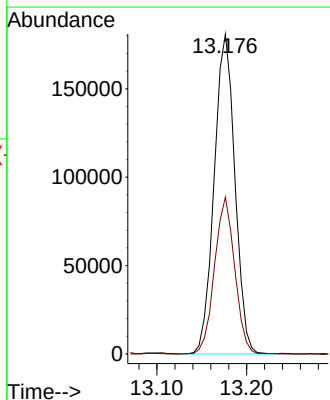
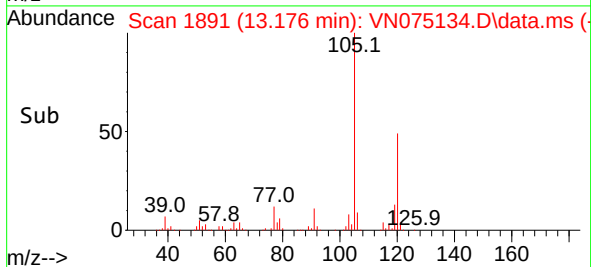
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

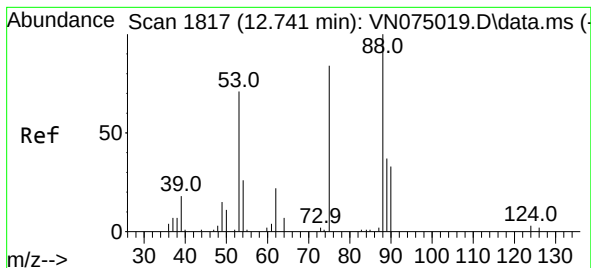


#80
1,3,5-Trimethylbenzene
Concen: 49.234 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



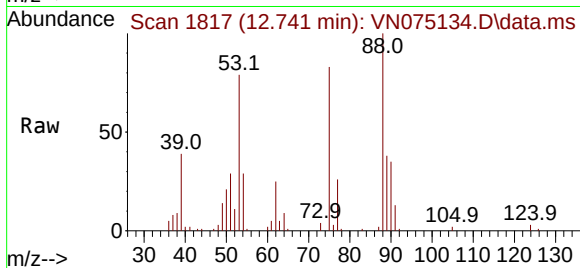
Tgt Ion:105 Resp: 290458
Ion Ratio Lower Upper
105 100
120 47.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 43.693 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

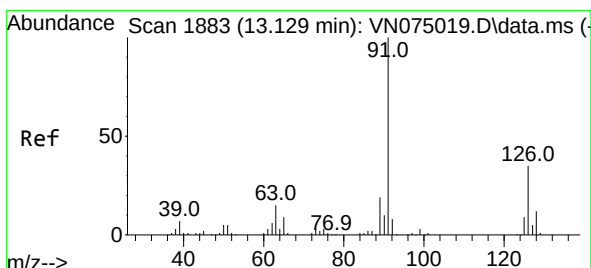
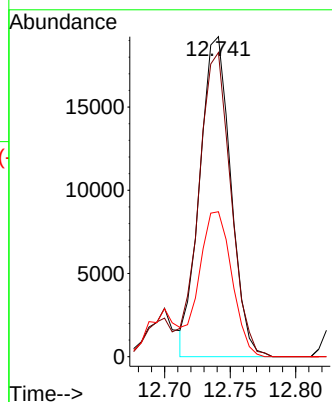
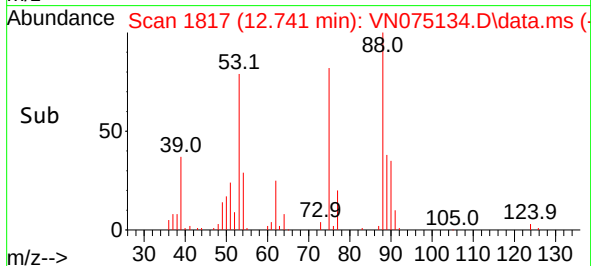
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



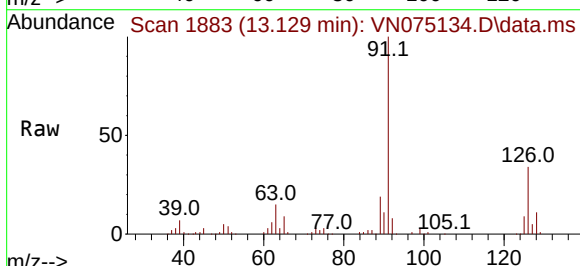
Tgt Ion: 75 Resp: 31620
Ion Ratio Lower Upper
75 100
53 98.9 78.5 117.7
89 48.1 37.7 56.5

Manual Integrations
APPROVED

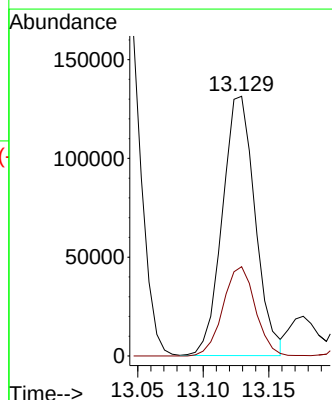
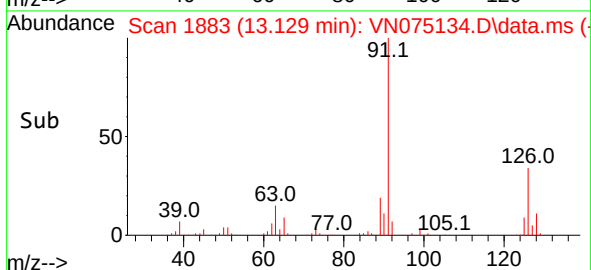
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

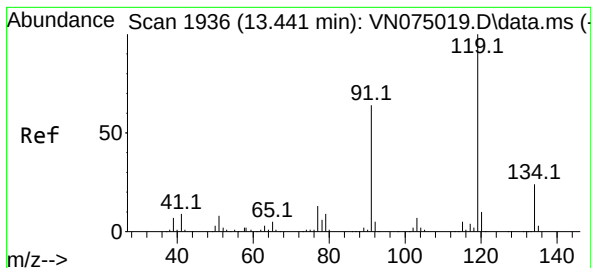


#82
4-Chlorotoluene
Concen: 47.432 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



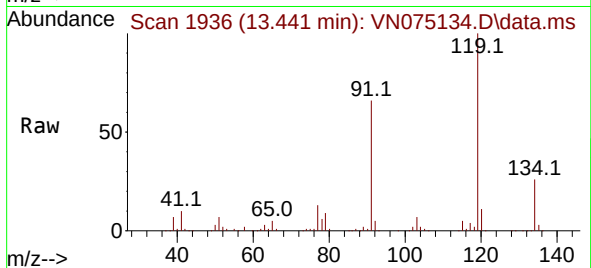
Tgt Ion: 91 Resp: 228575
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 48.194 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

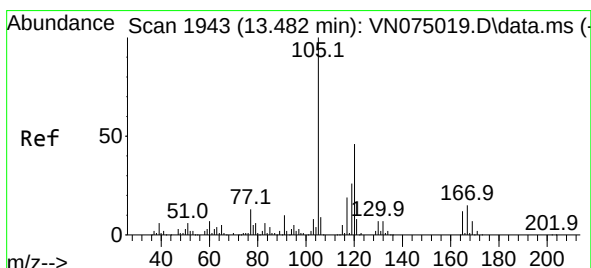
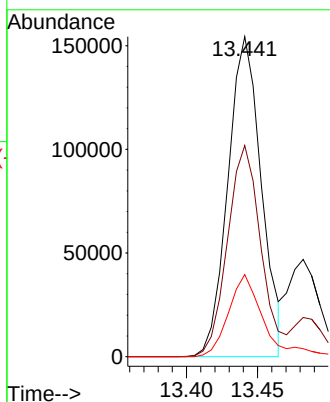
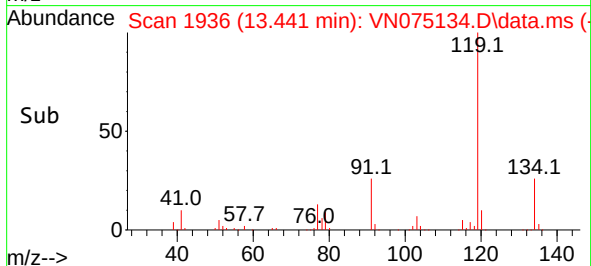
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



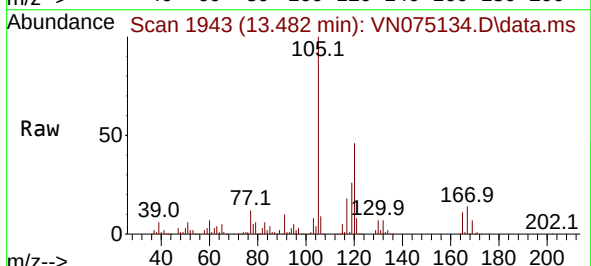
Tgt Ion:119 Resp: 252638
Ion Ratio Lower Upper
119 100
91 66.3 32.8 98.4
134 26.7 12.3 36.9

Manual Integrations
APPROVED

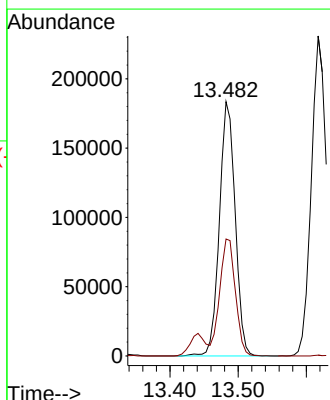
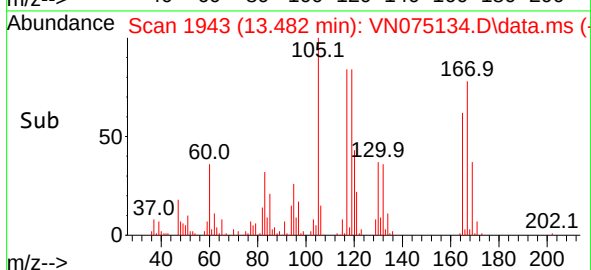
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

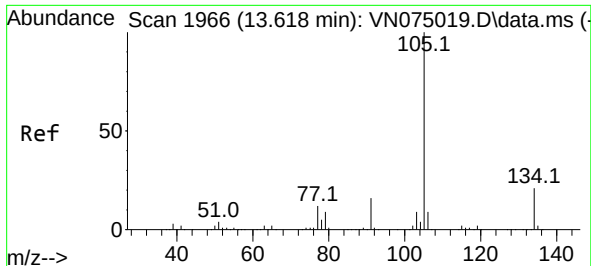


#84
1,2,4-Trimethylbenzene
Concen: 49.491 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



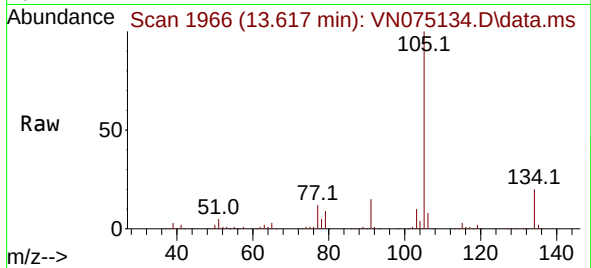
Tgt Ion:105 Resp: 295417
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 49.497 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075134.D
 Acq: 02 Nov 2022 22:05

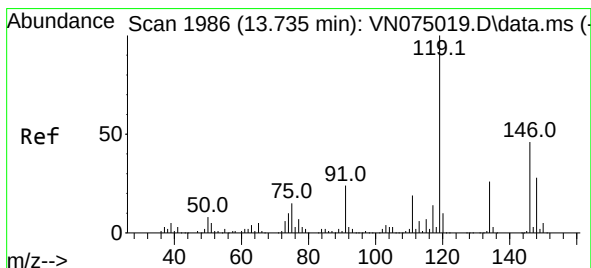
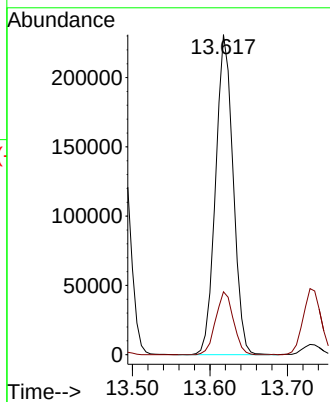
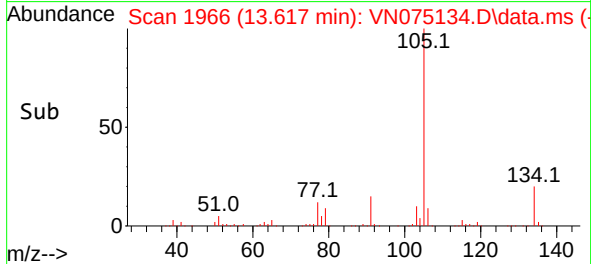
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



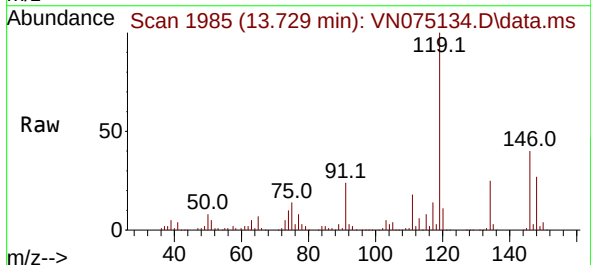
Tgt Ion:105 Resp: 36298
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6

Manual Integrations
 APPROVED

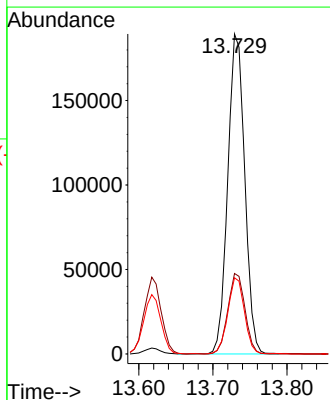
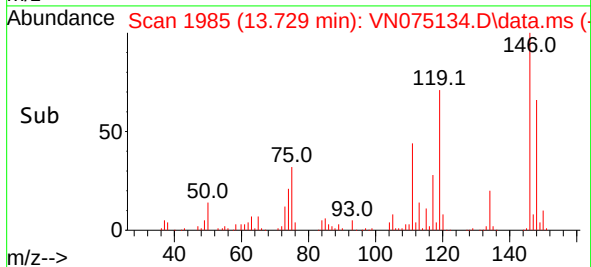
Reviewed By :John Carlone 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

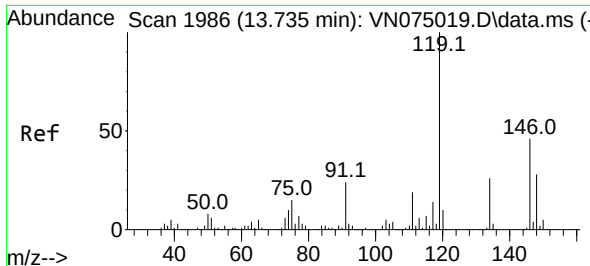


#86
 p-Isopropyltoluene
 Concen: 49.824 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075134.D
 Acq: 02 Nov 2022 22:05



Tgt Ion:119 Resp: 301756
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.1 39.3
 91 23.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 48.065 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075134.D

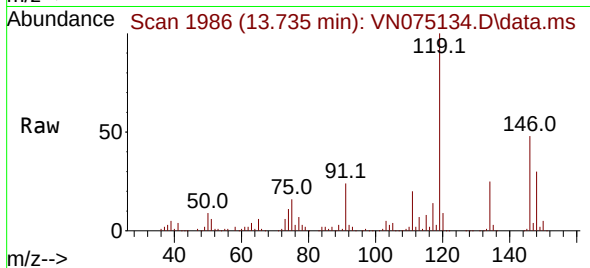
Acq: 02 Nov 2022 22:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 145548

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.5

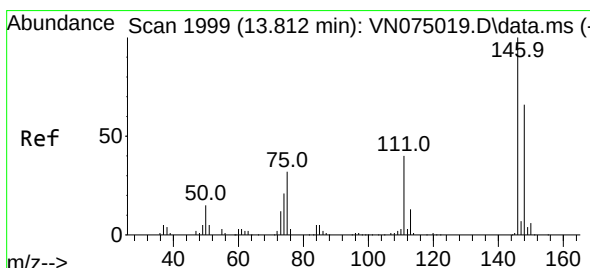
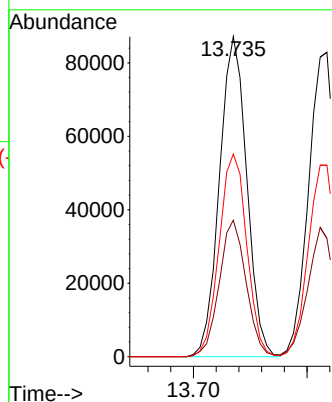
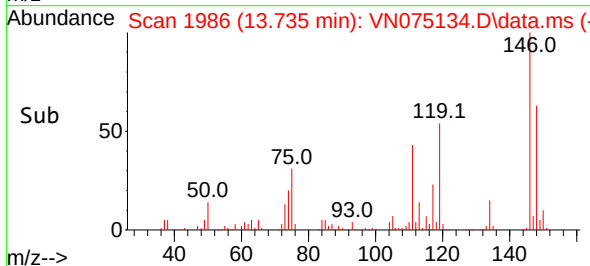
148 64.0 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#88

1,4-Dichlorobenzene

Concen: 47.943 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN075134.D

Acq: 02 Nov 2022 22:05

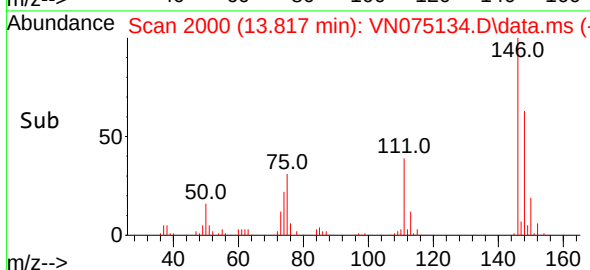
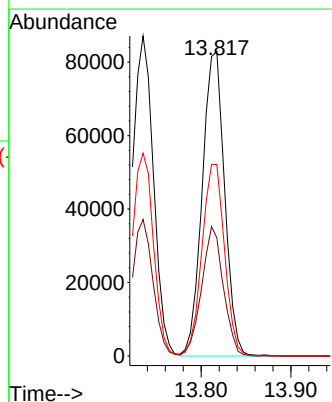
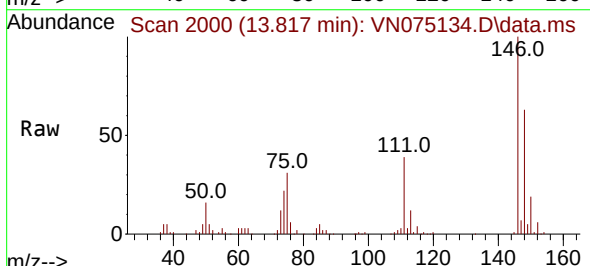
Tgt Ion:146 Resp: 143682

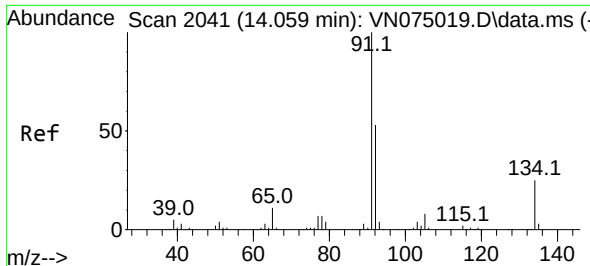
Ion Ratio Lower Upper

146 100

111 41.1 20.1 60.3

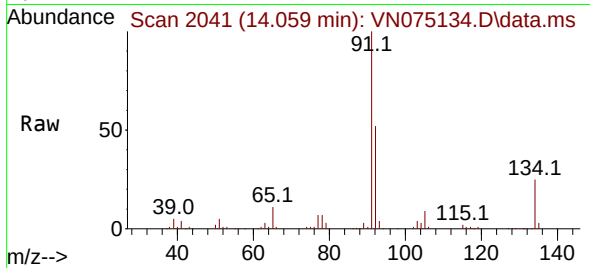
148 63.5 31.9 95.7





#89
n-Butylbenzene
Concen: 50.131 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

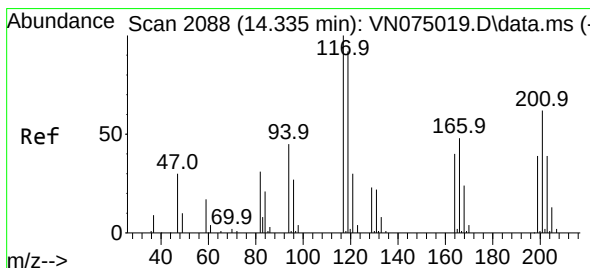
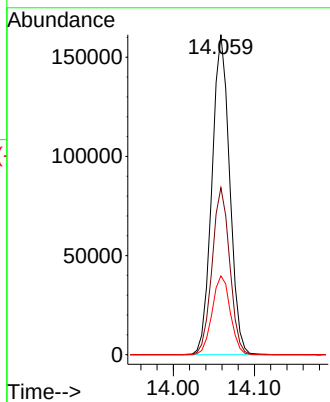
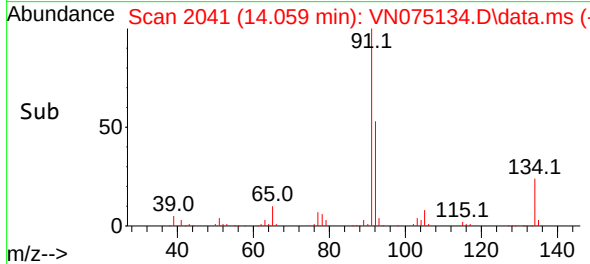
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 24449
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.4
134 25.2 13.0 39.0

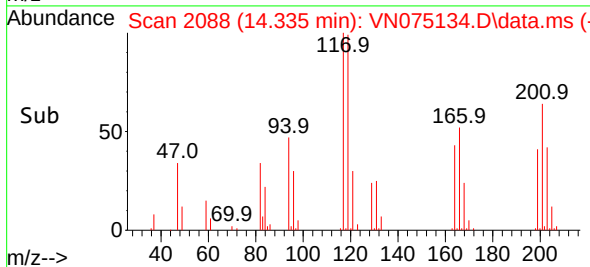
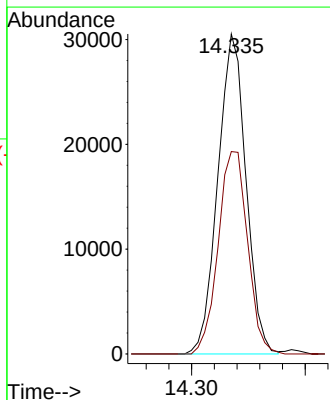
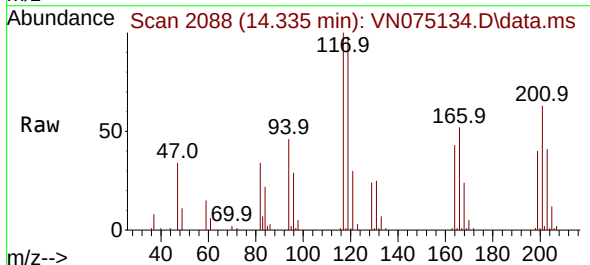
Manual Integrations
APPROVED

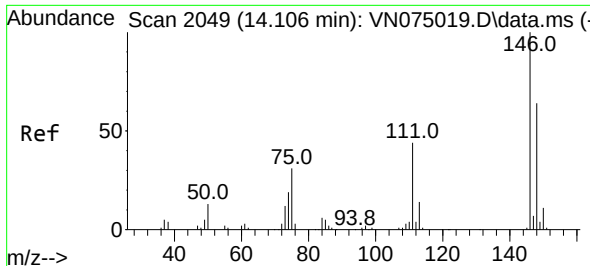
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#90
Hexachloroethane
Concen: 47.283 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

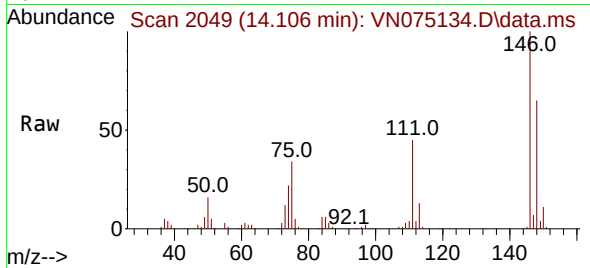
Tgt Ion:117 Resp: 52505
Ion Ratio Lower Upper
117 100
201 66.1 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 48.477 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

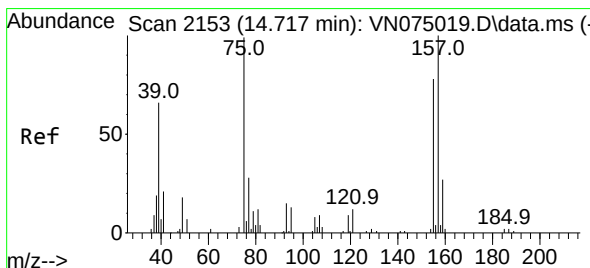
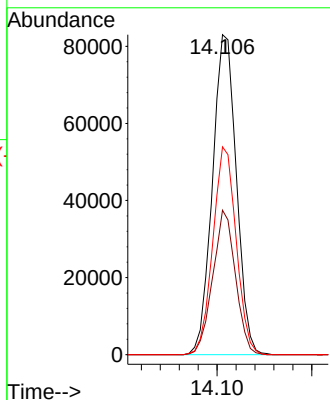
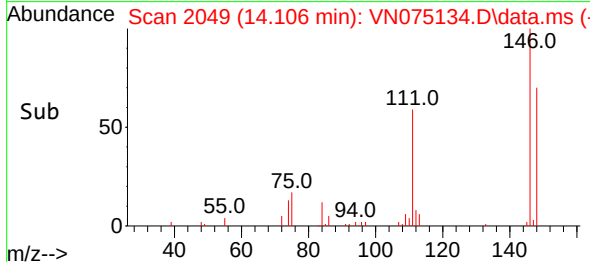
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



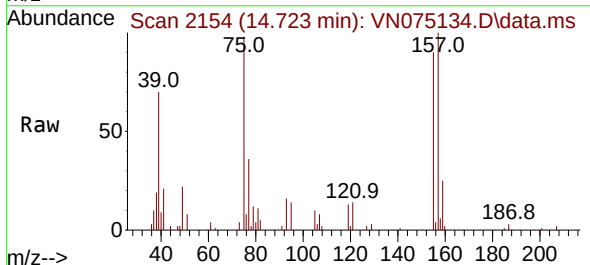
Tgt Ion:146 Resp: 145939
Ion Ratio Lower Upper
146 100
111 42.8 21.3 63.9
148 63.3 31.4 94.2

Manual Integrations
APPROVED

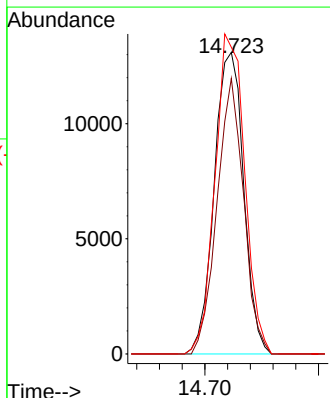
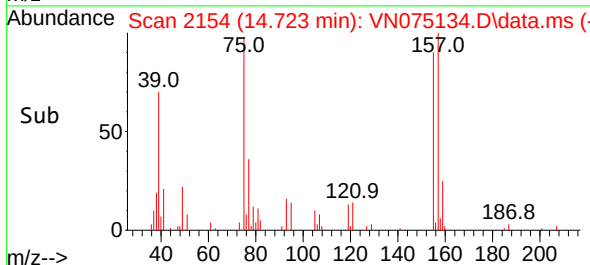
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

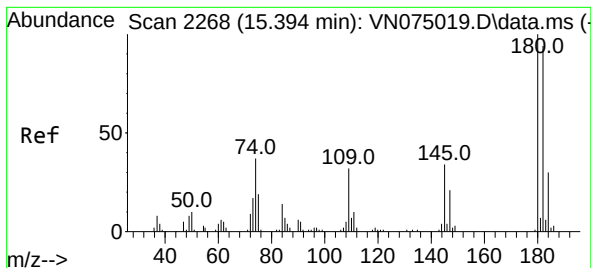


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.727 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



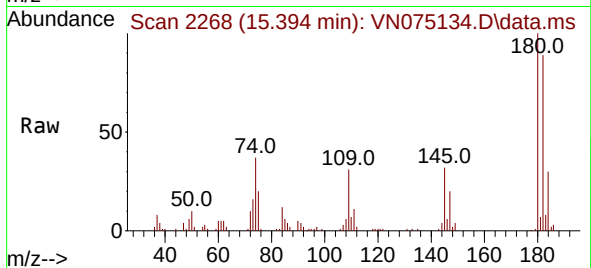
Tgt Ion: 75 Resp: 23560
Ion Ratio Lower Upper
75 100
155 82.7 42.1 126.3
157 107.0 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 49.934 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

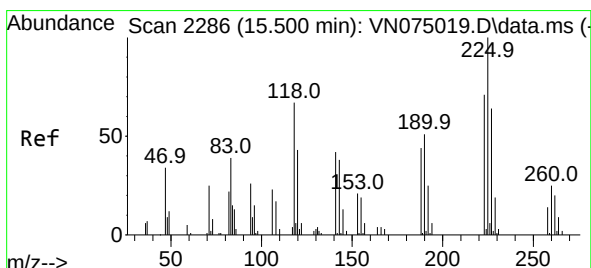
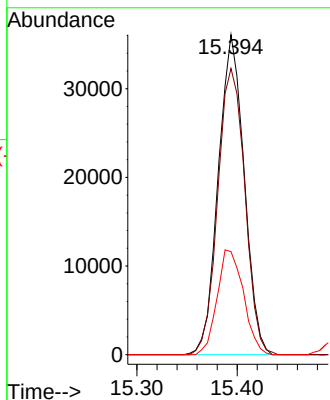
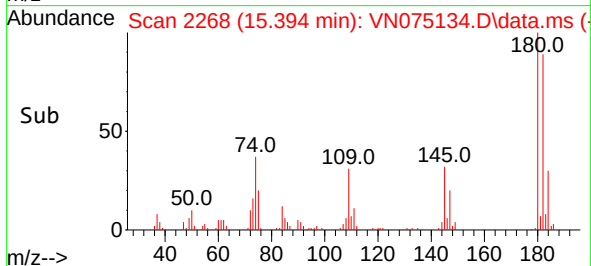
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



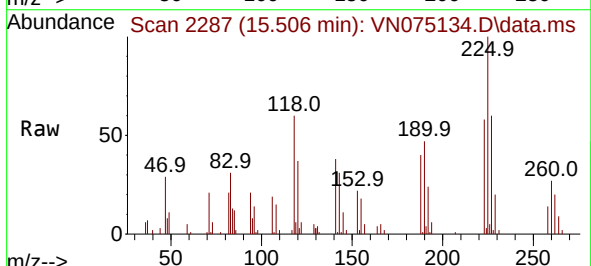
Tgt Ion:180 Resp: 6468
Ion Ratio Lower Upper
180 100
182 93.6 47.8 143.4
145 33.3 16.8 50.3

Manual Integrations
APPROVED

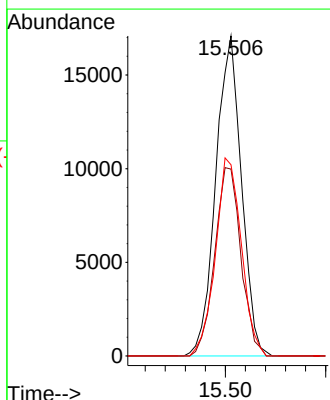
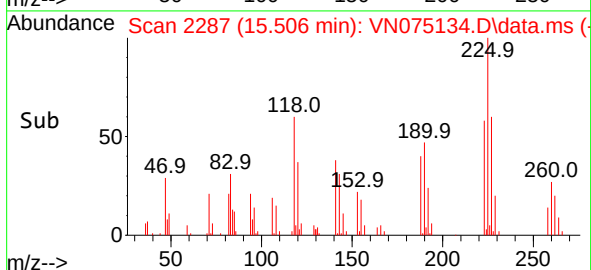
Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

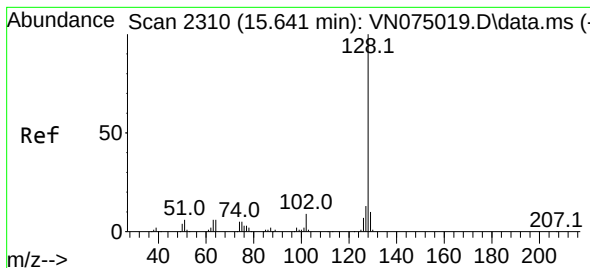


#94
Hexachlorobutadiene
Concen: 48.059 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



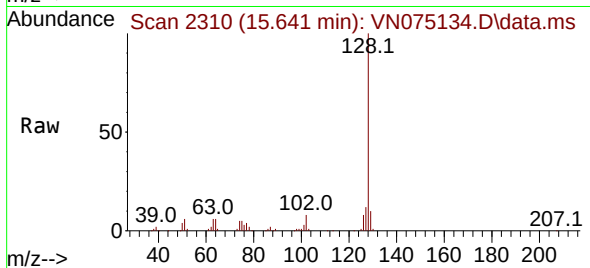
Tgt Ion:225 Resp: 30351
Ion Ratio Lower Upper
225 100
223 60.1 32.3 96.9
227 62.4 32.0 96.2





#95
Naphthalene
Concen: 50.867 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05

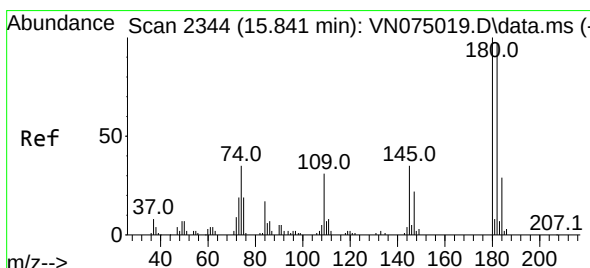
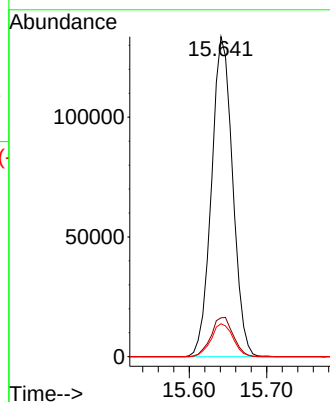
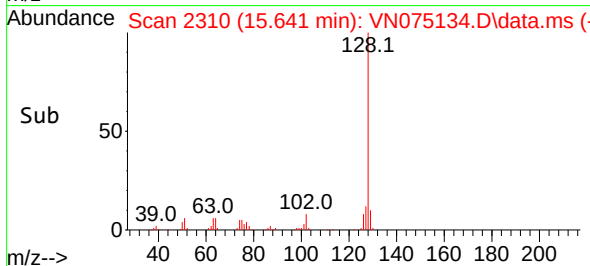
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



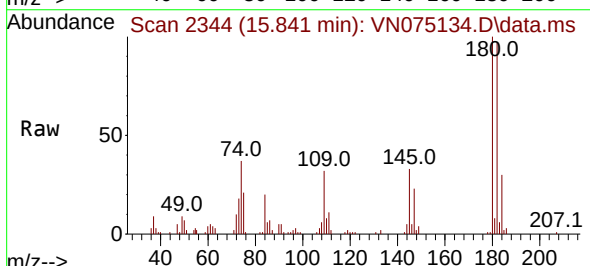
Tgt Ion:128 Resp: 25340
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carbone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.437 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075134.D
Acq: 02 Nov 2022 22:05



Tgt Ion:180 Resp: 64921
Ion Ratio Lower Upper
180 100
182 93.6 47.3 141.8
145 36.3 17.6 52.9

