

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075136.D
 Acq On : 03 Nov 2022 11:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 04:09:00 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	93907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	174400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	165019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	66000	52.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.320%	
35) Dibromofluoromethane	8.177	113	52096	50.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.760%	
50) Toluene-d8	10.571	98	210286	52.940	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.847	95	77096	55.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	50737	41.533	ug/l	99
3) Chloromethane	2.371	50	55282	42.604	ug/l	97
4) Vinyl Chloride	2.524	62	81224	43.878	ug/l	96
5) Bromomethane	2.930	94	69398	52.628	ug/l	97
6) Chloroethane	3.106	64	62761	47.282	ug/l	99
7) Trichlorofluoromethane	3.501	101	90619	47.922	ug/l	99
8) Diethyl Ether	3.971	74	32681	47.382	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	50403	48.264	ug/l	99
10) Methyl Iodide	4.595	142	70508	45.351	ug/l	99
11) Tert butyl alcohol	5.542	59	63790	216.186	ug/l	97
12) 1,1-Dichloroethene	4.348	96	46344	46.557	ug/l	97
13) Acrolein	4.189	56	49745	206.111	ug/l	99
14) Allyl chloride	5.030	41	62849	43.230	ug/l	94
15) Acrylonitrile	5.730	53	158579	254.413	ug/l	99
16) Acetone	4.442	43	132429	247.183	ug/l	93
17) Carbon Disulfide	4.718	76	110262	44.047	ug/l	98
18) Methyl Acetate	5.036	43	89670	51.239	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	178374	48.212	ug/l	98
20) Methylene Chloride	5.283	84	56469	47.272	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	52175	47.871	ug/l	99
22) Diisopropyl ether	6.683	45	160957	50.168	ug/l	97
23) Vinyl Acetate	6.612	43	667356m	249.090	ug/l	
24) 1,1-Dichloroethane	6.571	63	100836	49.694	ug/l	99
25) 2-Butanone	7.488	43	214027	253.982	ug/l	96
26) 2,2-Dichloropropane	7.494	77	90574	48.520	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	63428	48.732	ug/l	99
28) Bromochloromethane	7.818	49	44023	51.466	ug/l	98
29) Tetrahydrofuran	7.841	42	140617	258.233	ug/l	99
30) Chloroform	7.971	83	112886	51.239	ug/l	99
31) Cyclohexane	8.259	56	87061	46.264	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	101124	50.545	ug/l	99
36) 1,1-Dichloropropene	8.377	75	82523	52.064	ug/l	99
37) Ethyl Acetate	7.565	43	84092	48.376	ug/l	99
38) Carbon Tetrachloride	8.371	117	89769	51.486	ug/l	97
39) Methylcyclohexane	9.600	83	103549	49.485	ug/l	98
40) Benzene	8.612	78	245948	50.677	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	44044	52.886	ug/l	98
42) 1,2-Dichloroethane	8.677	62	88576	50.165	ug/l	97
43) Isopropyl Acetate	8.694	43	136289	50.546	ug/l	100
44) Trichloroethene	9.353	130	60412	49.616	ug/l	95
45) 1,2-Dichloropropane	9.624	63	60973	52.792	ug/l	100
46) Dibromomethane	9.712	93	45714	50.804	ug/l	99
47) Bromodichloromethane	9.894	83	90135	51.727	ug/l	95
48) Methyl methacrylate	9.682	41	61843	50.001	ug/l	97
49) 1,4-Dioxane	9.694	88	32640	1007.777	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	454723	261.343	ug/l	100
52) Toluene	10.629	92	168180	51.840	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	96111	52.256	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	101197	51.875	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	66871	51.985	ug/l	96
56) Ethyl methacrylate	10.876	69	103820	52.911	ug/l	99
57) 1,3-Dichloropropane	11.165	76	113090	52.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	199252	262.667	ug/l	99
59) 2-Hexanone	11.200	43	345118	261.342	ug/l	100
60) Dibromochloromethane	11.359	129	71947	53.013	ug/l	99
61) 1,2-Dibromoethane	11.471	107	68979	52.325	ug/l	100
64) Tetrachloroethene	11.106	164	55024	54.387	ug/l	92
65) Chlorobenzene	11.894	112	179120	50.852	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	66700	51.046	ug/l	99
67) Ethyl Benzene	11.965	91	330283	52.118	ug/l	99
68) m/p-Xylenes	12.071	106	265767	104.517	ug/l	98
69) o-Xylene	12.400	106	128986	51.293	ug/l	98
70) Styrene	12.412	104	214743	53.556	ug/l	99
71) Bromoform	12.582	173	50668	51.792	ug/l #	100
73) Isopropylbenzene	12.700	105	335378	48.435	ug/l	99
74) N-amyl acetate	12.494	43	117421	45.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	106005	53.211	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	95768m	52.295	ug/l	
77) Bromobenzene	12.982	156	72961	47.855	ug/l	98
78) n-propylbenzene	13.035	91	397685	51.155	ug/l	98
79) 2-Chlorotoluene	13.129	91	231400	48.710	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	293118	50.400	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	37297	52.280	ug/l	96
82) 4-Chlorotoluene	13.129	91	231400	48.710	ug/l	99
83) tert-Butylbenzene	13.441	119	254060	49.163	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	299082	50.827	ug/l	99
85) sec-Butylbenzene	13.617	105	367423	50.825	ug/l	98
86) p-Isopropyltoluene	13.729	119	306615	51.356	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	148408	49.715	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	149168	50.491	ug/l	98
89) n-Butylbenzene	14.059	91	254429	52.920	ug/l	99
90) Hexachloroethane	14.335	117	53772	49.122	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	147021	49.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23365	50.025	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	67300	52.699	ug/l	99
94) Hexachlorobutadiene	15.506	225	31300	50.276	ug/l	99
95) Naphthalene	15.641	128	247680	50.433	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	66992	52.796	ug/l	99

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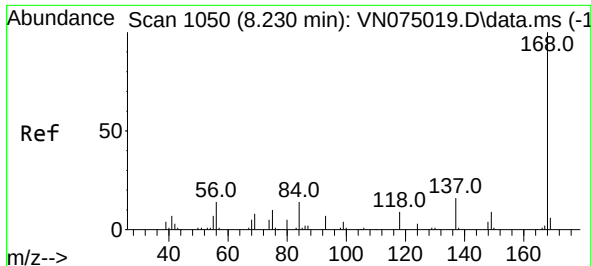
Manual Integrations
APPROVED

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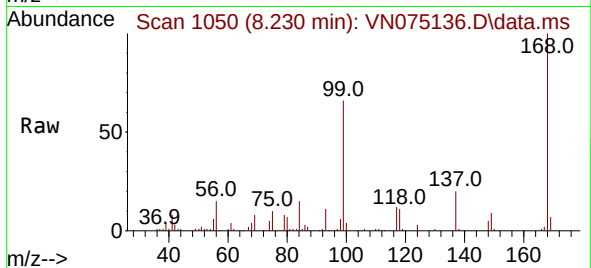
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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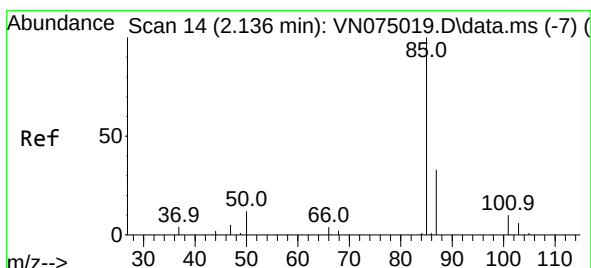
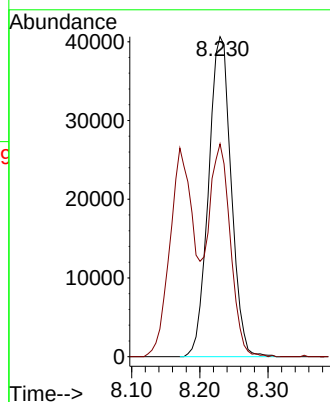
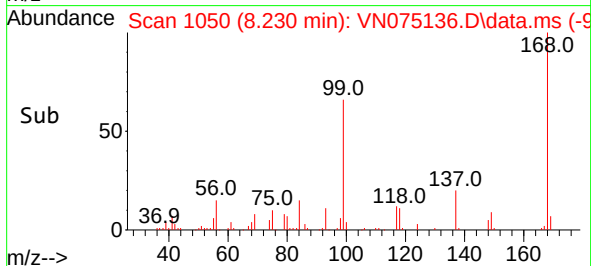
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 9390
Ion Ratio Lower Upper
168 100
99 66.5 51.6 77.4

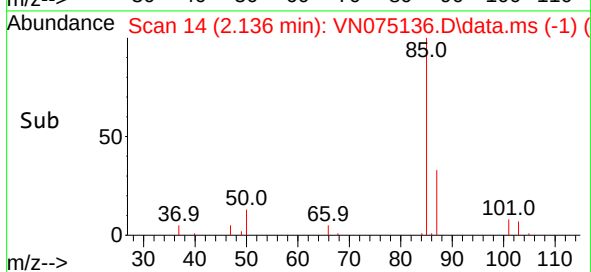
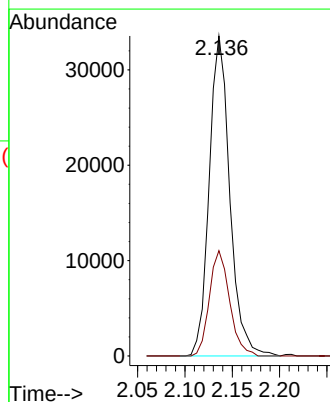
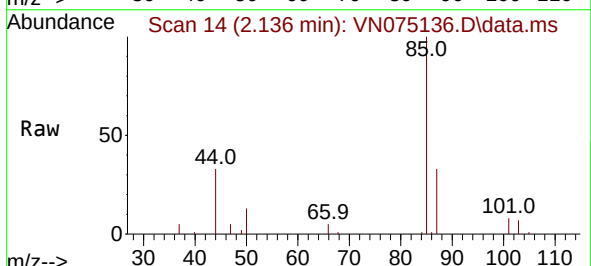
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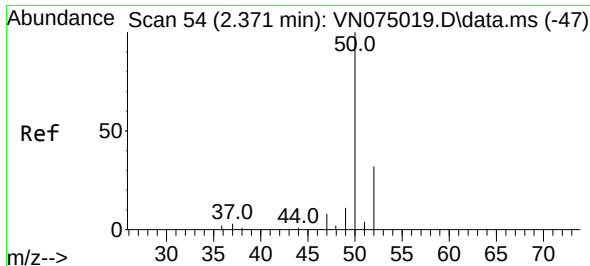
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#2
Dichlorodifluoromethane
Concen: 41.533 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 85 Resp: 50737
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.0





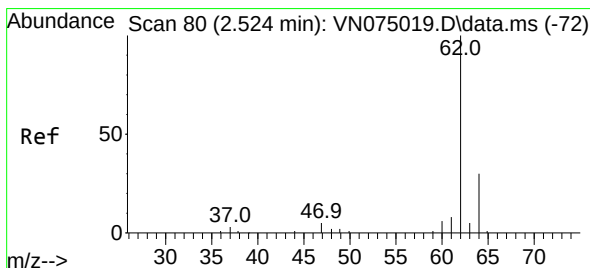
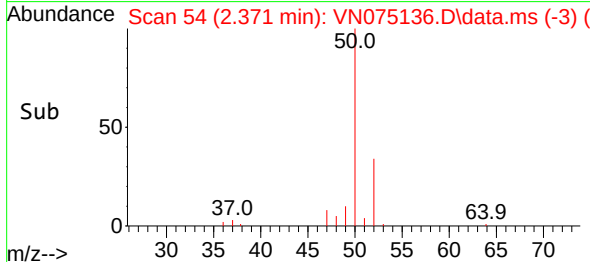
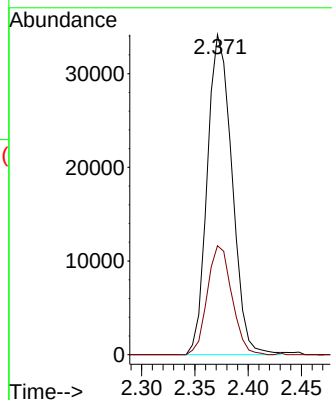
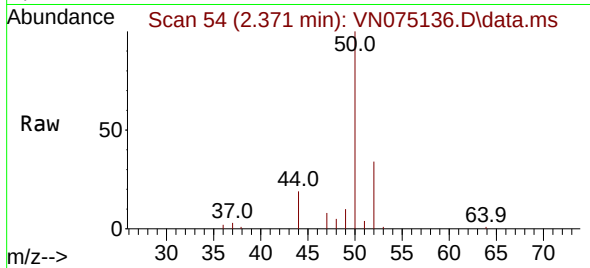
#3
Chloromethane
Concen: 42.604 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075136.D
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Tgt Ion: 50 Resp: 5528
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.6

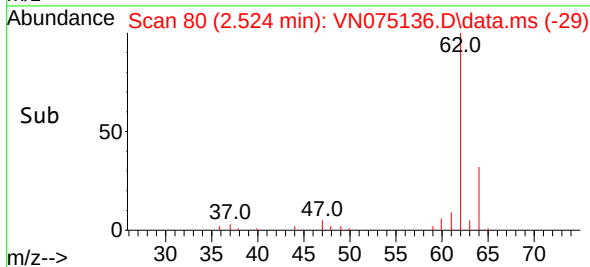
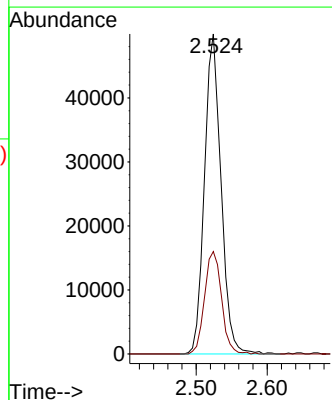
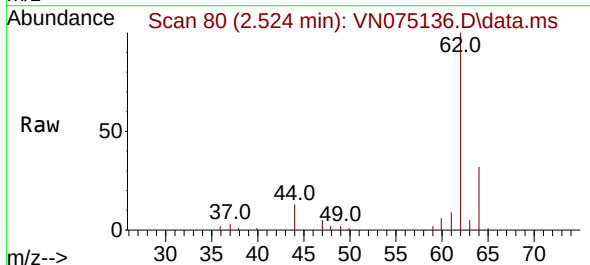
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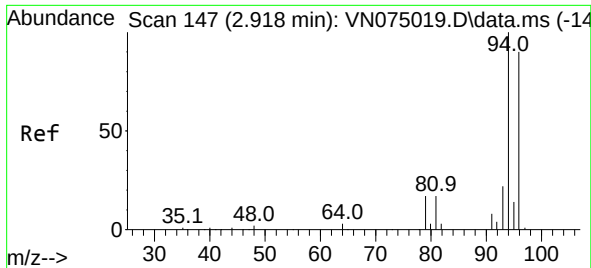
Reviewed By :John Carlone 11/04/2022
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#4
Vinyl Chloride
Concen: 43.878 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 62 Resp: 81224
Ion Ratio Lower Upper
62 100
64 32.0 24.0 36.0





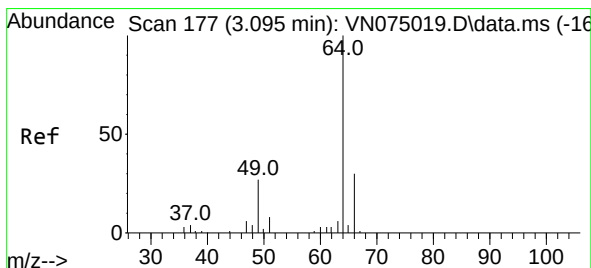
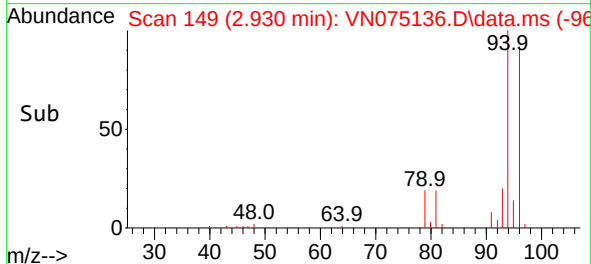
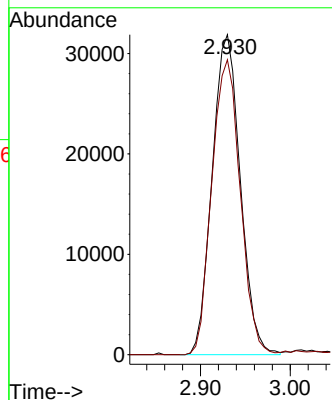
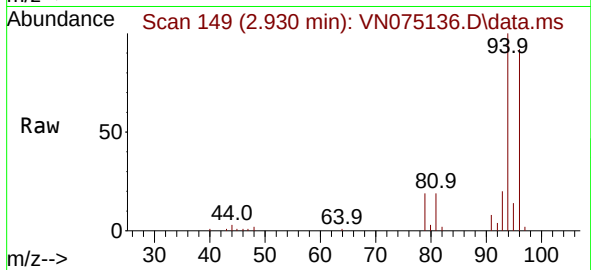
#5
Bromomethane
Concen: 52.628 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
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Tgt Ion: 94 Resp: 69398
Ion Ratio Lower Upper
94 100
96 92.2 71.8 107.6

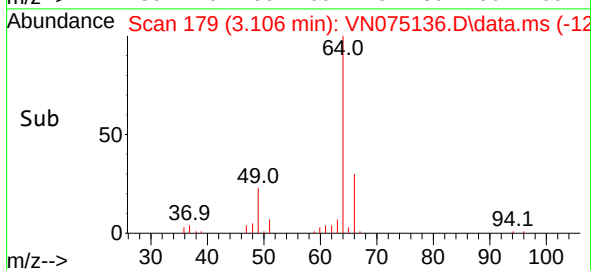
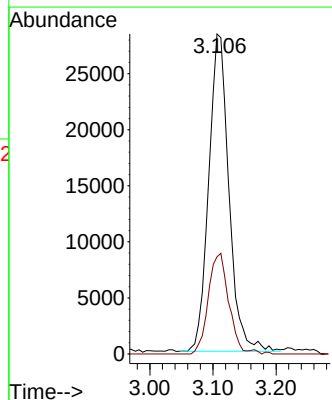
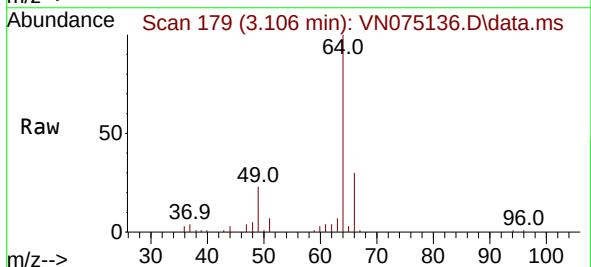
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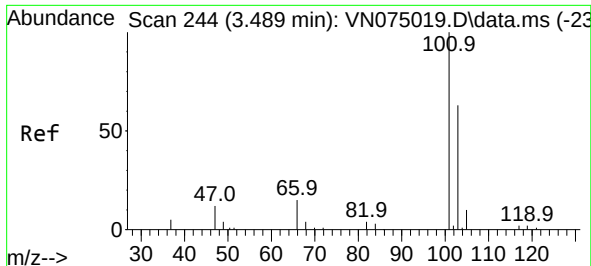
Reviewed By :John Carlone 11/04/2022
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#6
Chloroethane
Concen: 47.282 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 64 Resp: 62761
Ion Ratio Lower Upper
64 100
66 30.6 23.8 35.8





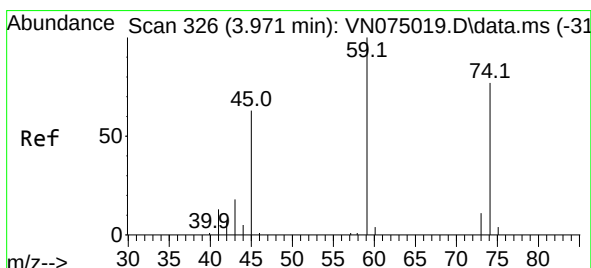
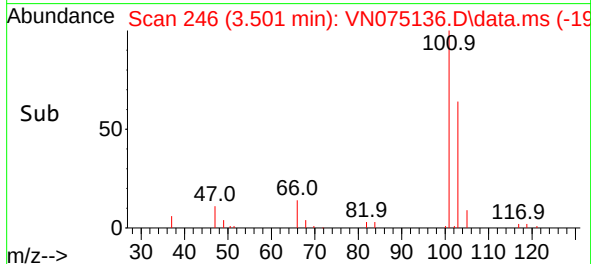
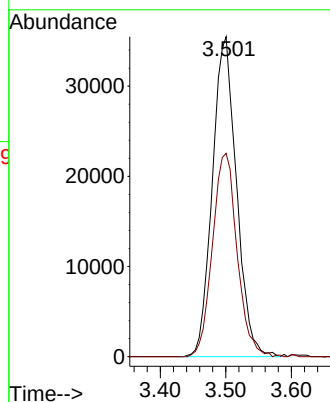
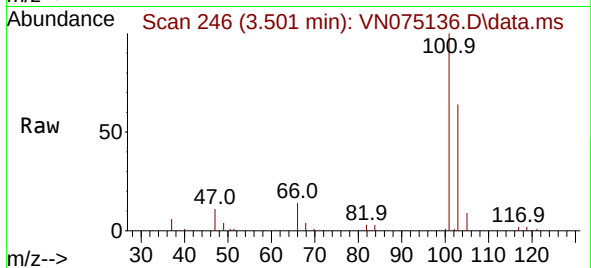
#7
Trichlorofluoromethane
Concen: 47.922 ug/l
RT: 3.501 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 90619
Ion Ratio Lower Upper
101 100
103 63.6 50.5 75.7

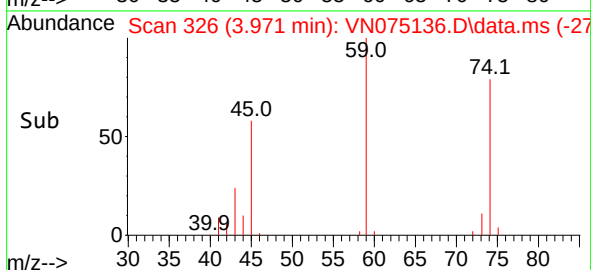
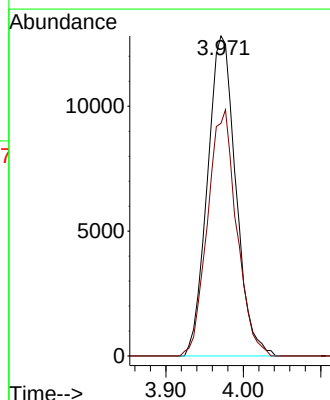
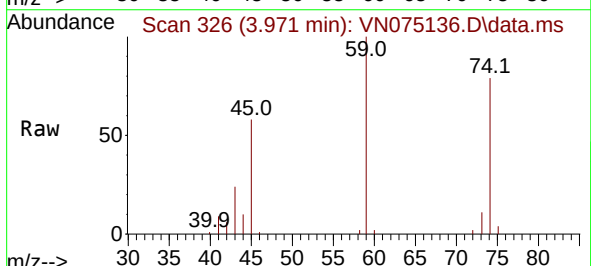
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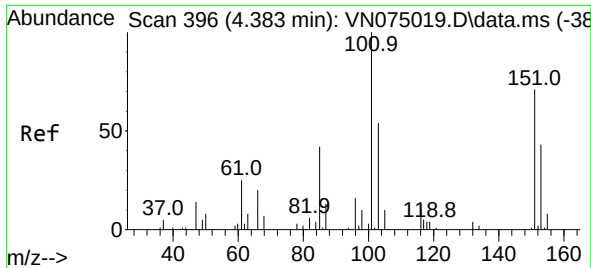
Reviewed By :John Carlone 11/04/2022
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#8
Diethyl Ether
Concen: 47.382 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 74 Resp: 32681
Ion Ratio Lower Upper
74 100
45 78.5 39.3 117.9





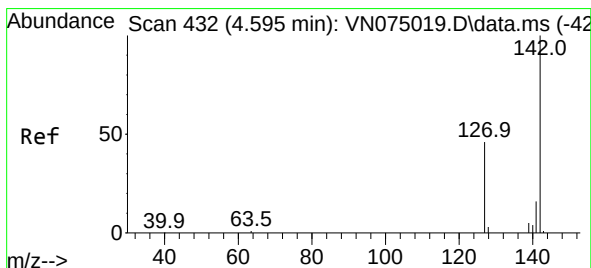
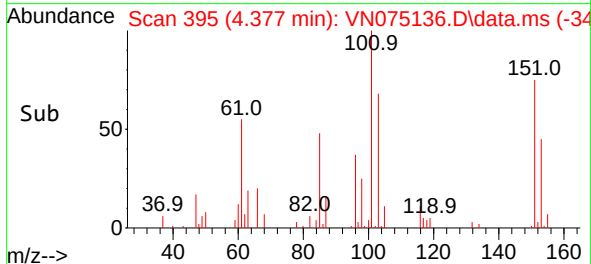
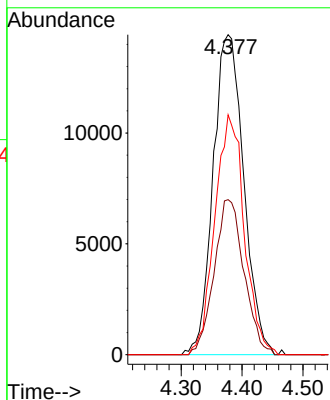
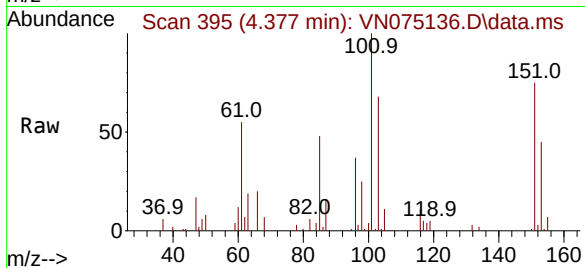
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.264 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075136.D
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Tgt Ion:101 Resp: 5040
Ion Ratio Lower Upper
101 100
85 47.3 37.6 56.4
151 72.2 58.3 87.5

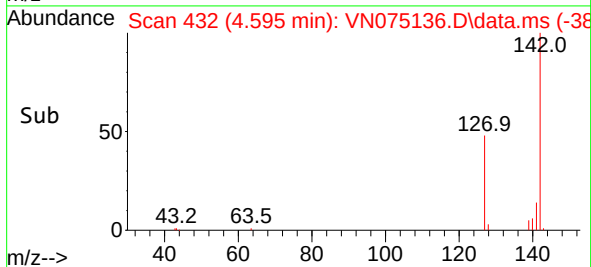
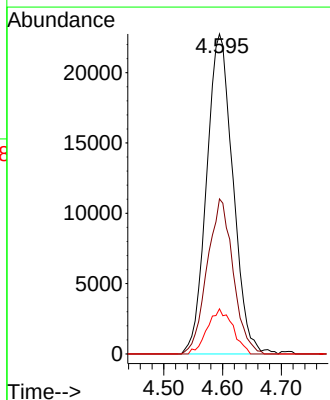
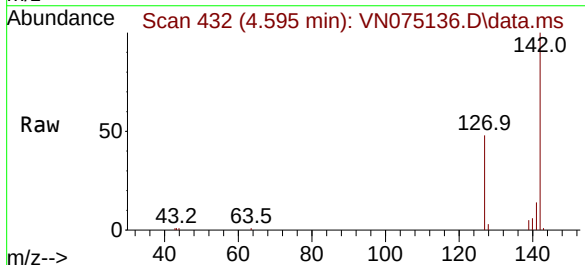
Manual Integrations
APPROVED

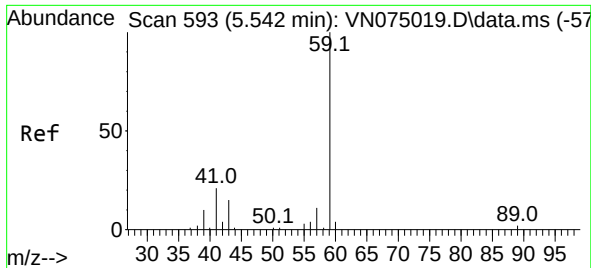
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#10
Methyl Iodide
Concen: 45.351 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

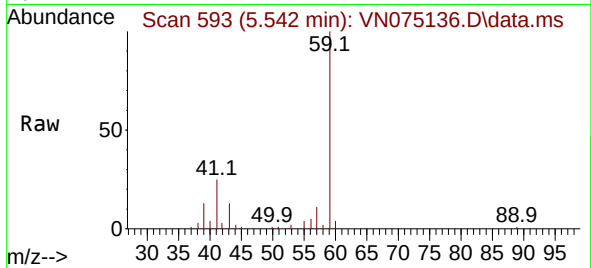
Tgt Ion:142 Resp: 70508
Ion Ratio Lower Upper
142 100
127 47.9 38.0 57.0
141 13.6 12.2 18.4





#11
Tert butyl alcohol
Concen: 216.186 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

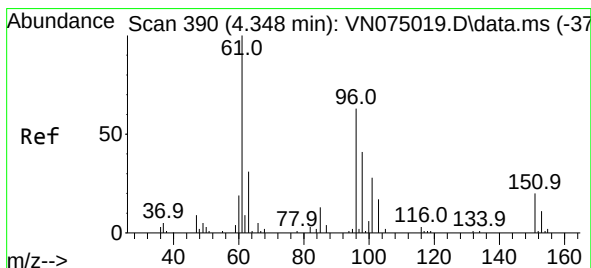
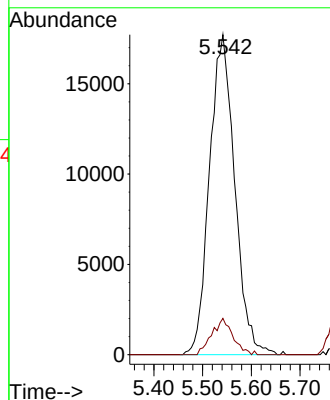
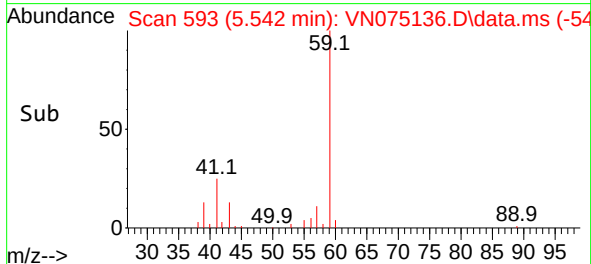
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



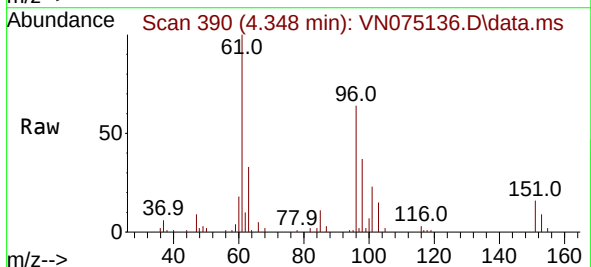
Tgt Ion: 59 Resp: 63790
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

Manual Integrations
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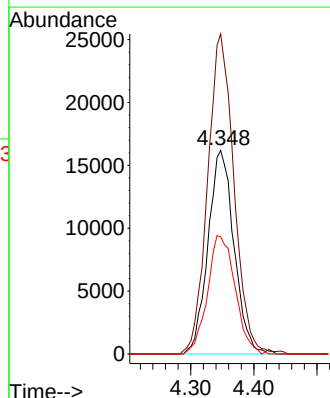
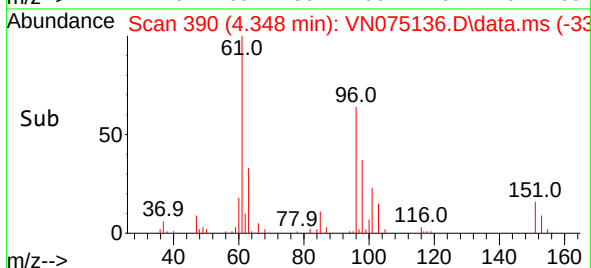
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

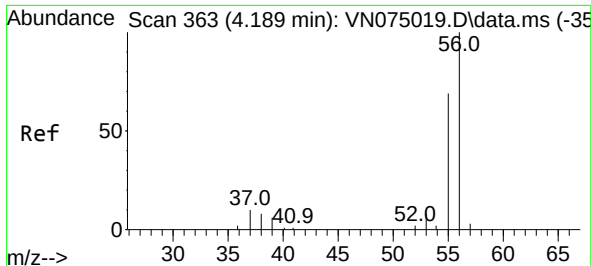


#12
1,1-Dichloroethene
Concen: 46.557 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



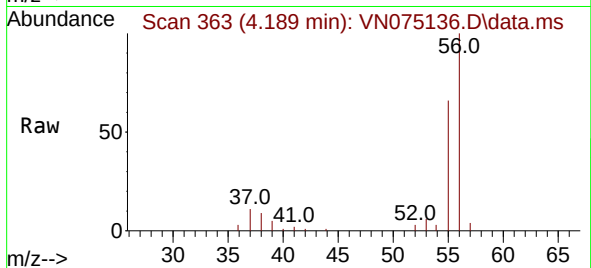
Tgt Ion: 96 Resp: 46344
Ion Ratio Lower Upper
96 100
61 157.2 126.2 189.4
98 57.5 51.5 77.3





#13
Acrolein
Concen: 206.111 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

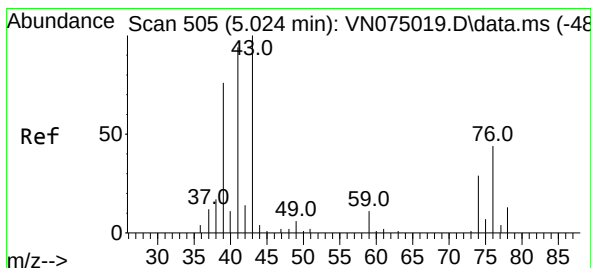
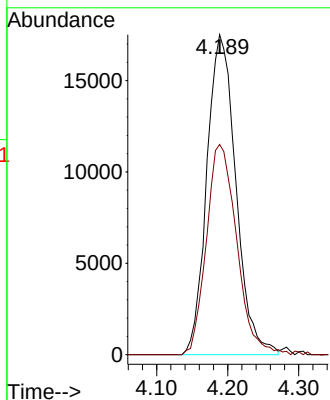
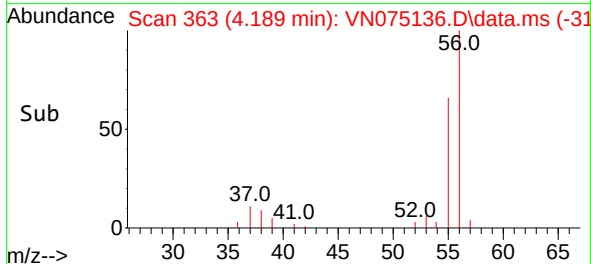
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



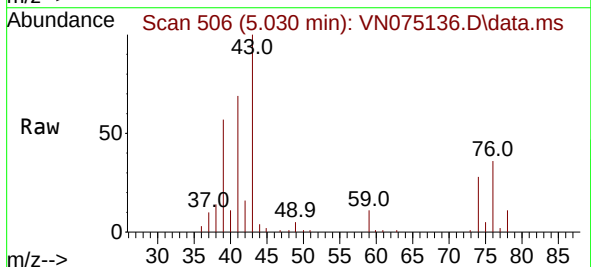
Tgt Ion: 56 Resp: 4974
Ion Ratio Lower Upper
56 100
55 68.6 55.2 82.8

Manual Integrations
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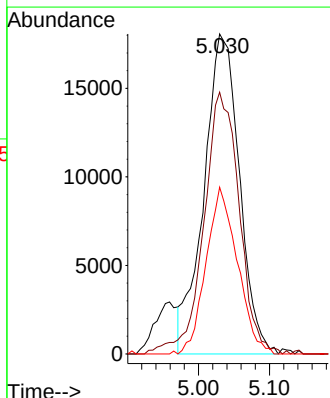
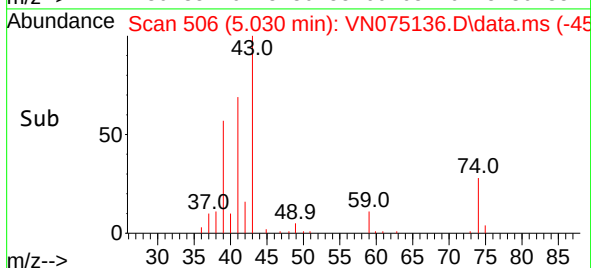
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

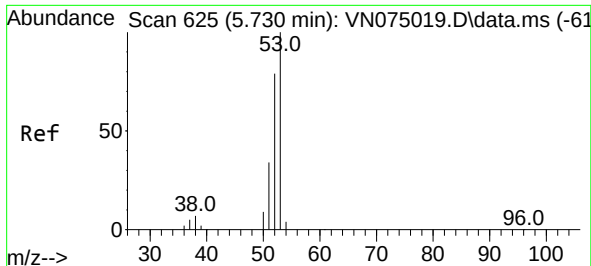


#14
Allyl chloride
Concen: 43.230 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



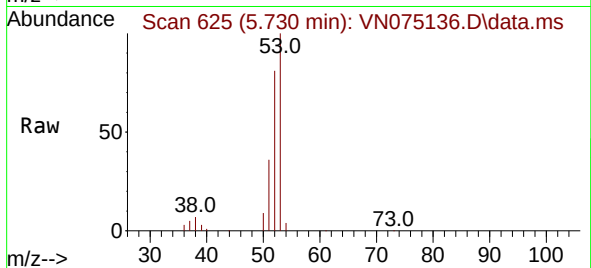
Tgt Ion: 41 Resp: 62849
Ion Ratio Lower Upper
41 100
39 81.3 61.0 91.4
76 46.0 33.4 50.0





#15
Acrylonitrile
Concen: 254.413 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

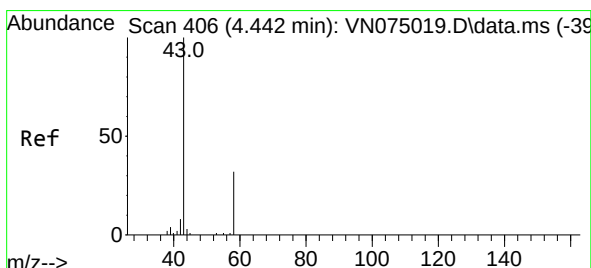
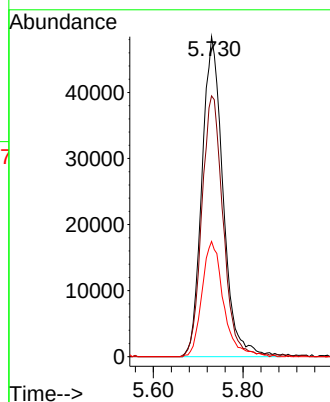
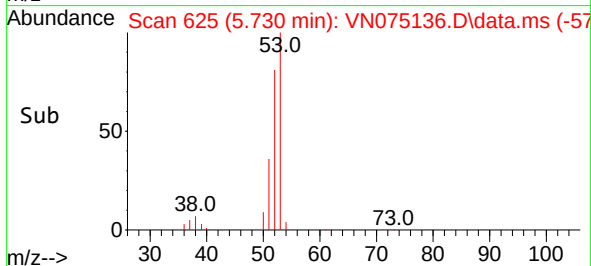
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 158579
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.6 29.6 44.4

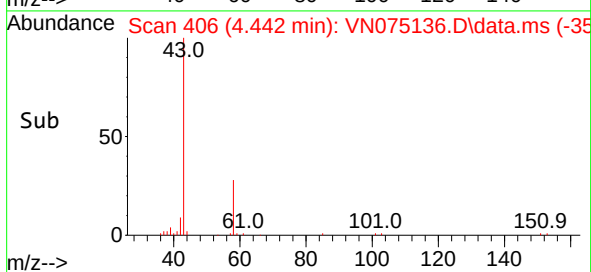
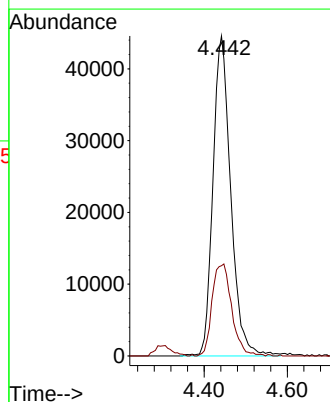
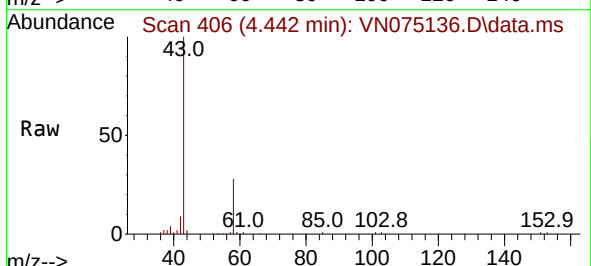
Manual Integrations
APPROVED

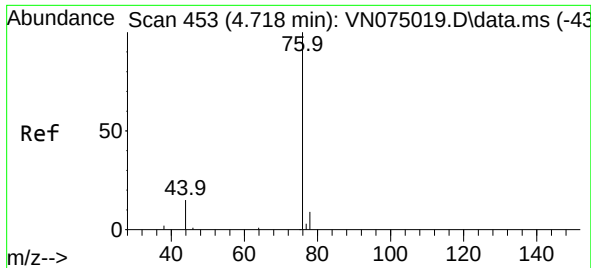
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#16
Acetone
Concen: 247.183 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

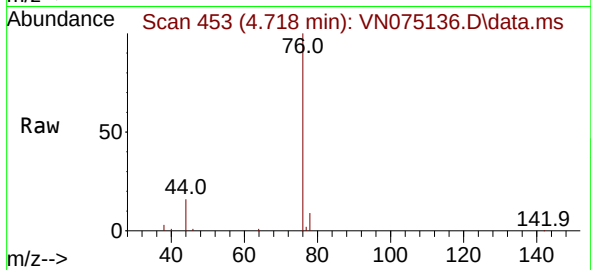
Tgt Ion: 43 Resp: 132429
Ion Ratio Lower Upper
43 100
58 27.9 25.5 38.3





#17
Carbon Disulfide
Concen: 44.047 ug/l
RT: 4.718 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

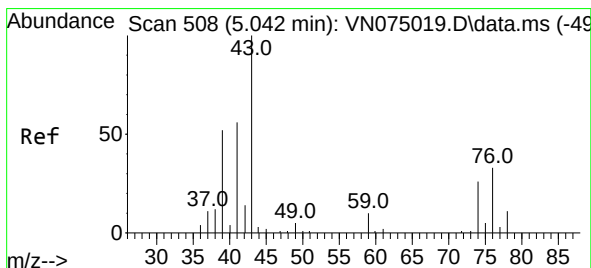
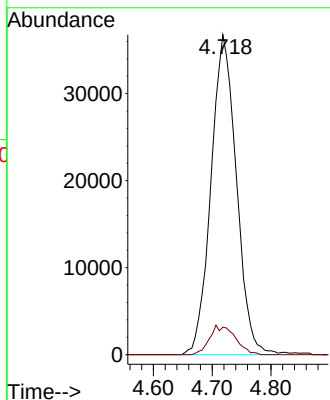
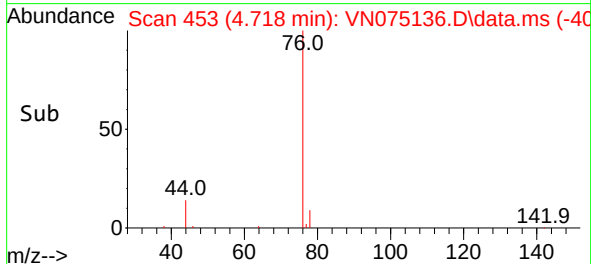
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



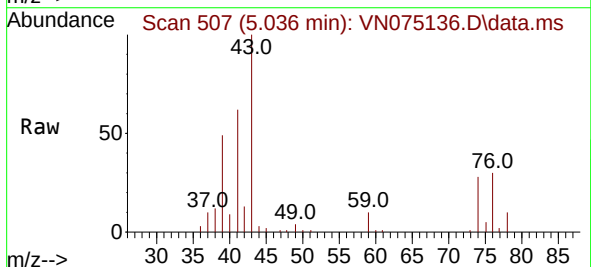
Tgt Ion: 76 Resp: 110262
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

Manual Integrations
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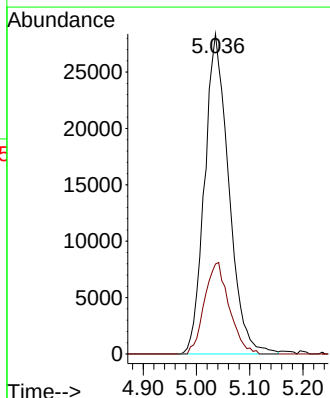
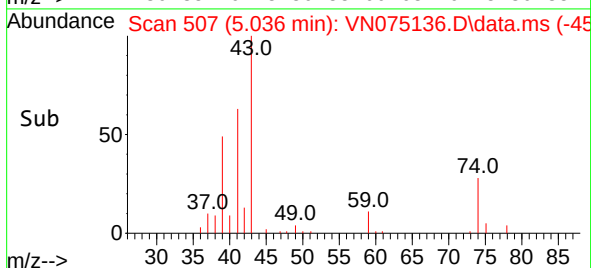
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

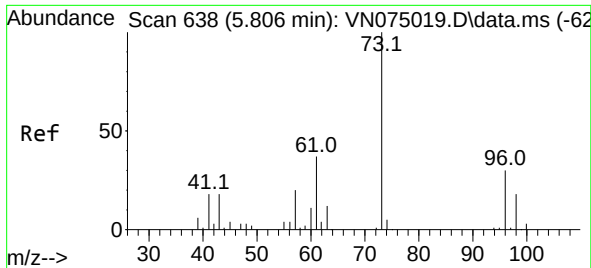


#18
Methyl Acetate
Concen: 51.239 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



Tgt Ion: 43 Resp: 89670
Ion Ratio Lower Upper
43 100
74 29.1 22.0 33.0





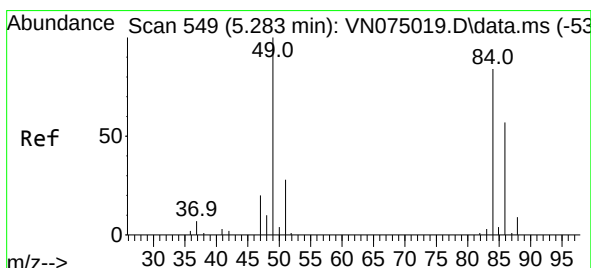
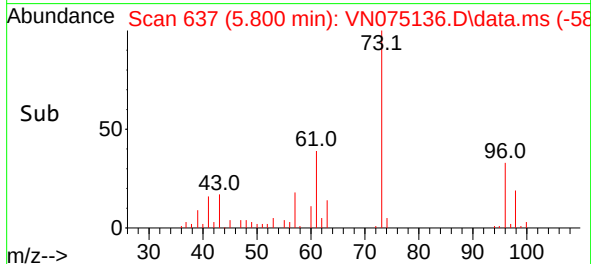
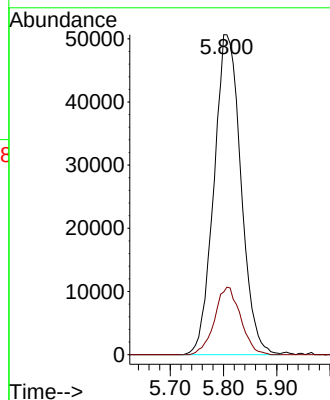
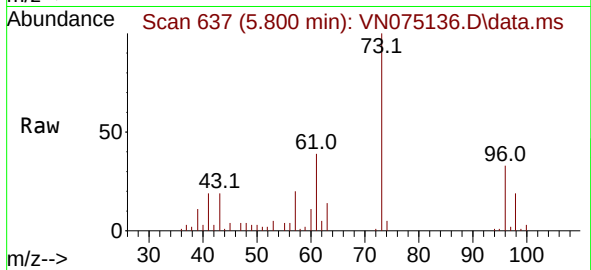
#19
Methyl tert-butyl Ether
Concen: 48.212 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 178374
Ion Ratio Lower Upper
73 100
57 19.6 16.3 24.5

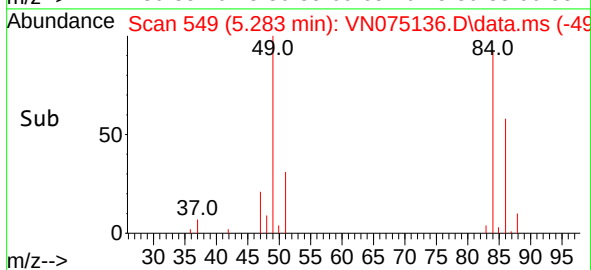
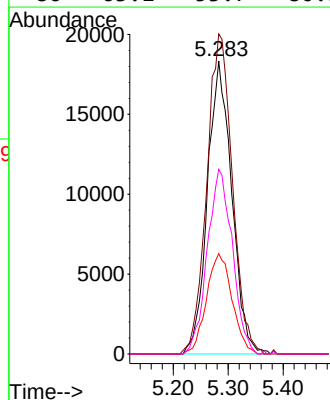
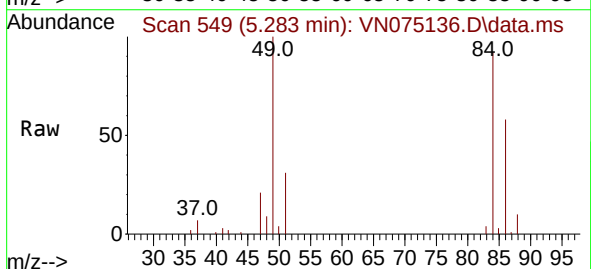
Manual Integrations
APPROVED

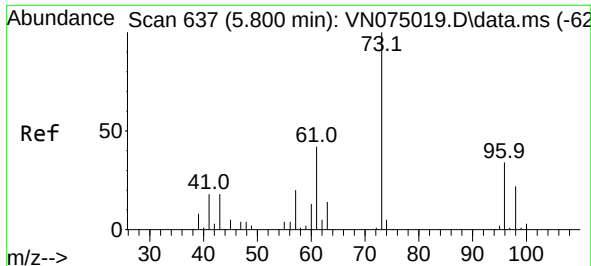
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#20
Methylene Chloride
Concen: 47.272 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 84 Resp: 56469
Ion Ratio Lower Upper
84 100
49 109.2 94.9 142.3
51 34.2 26.8 40.2
86 63.1 53.7 80.5





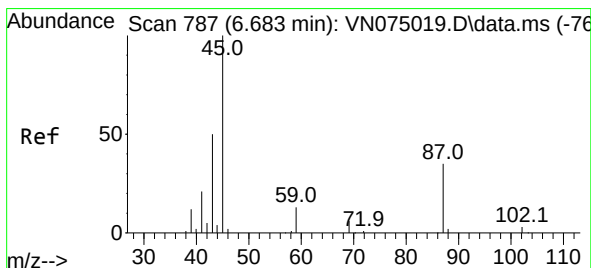
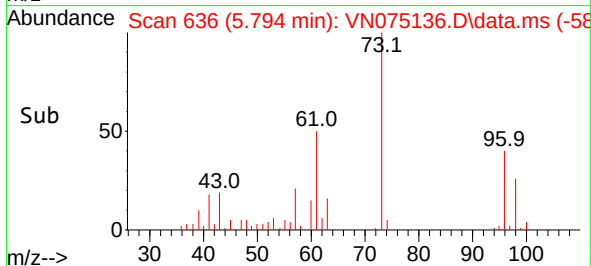
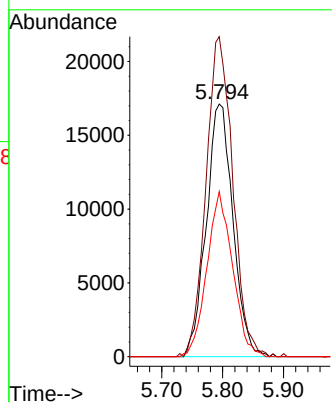
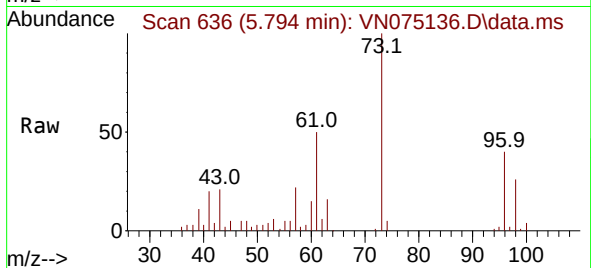
#21
trans-1,2-Dichloroethene
Concen: 47.871 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 5217
Ion Ratio Lower Upper
96 100
61 126.6 99.9 149.9
98 65.3 51.5 77.3

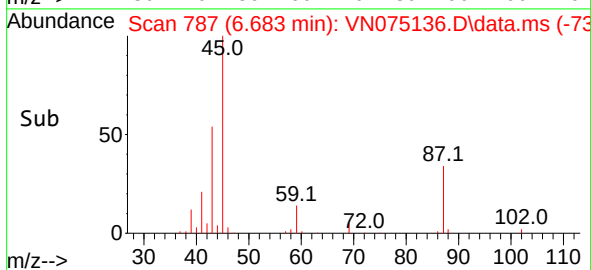
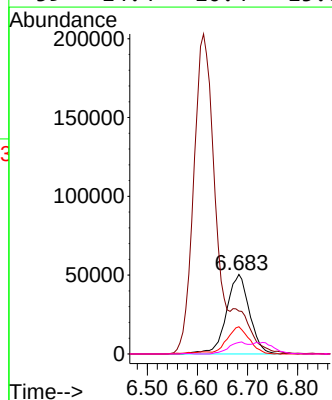
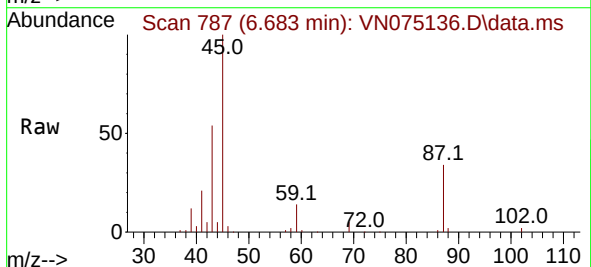
Manual Integrations
APPROVED

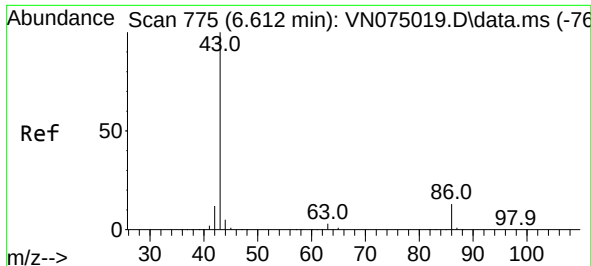
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#22
Diisopropyl ether
Concen: 50.168 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 45 Resp: 160957
Ion Ratio Lower Upper
45 100
43 51.1 42.8 64.2
87 34.2 28.4 42.6
59 14.4 10.4 15.6





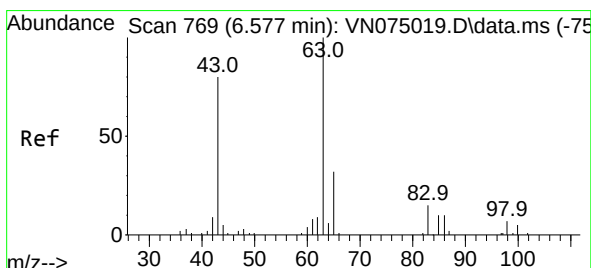
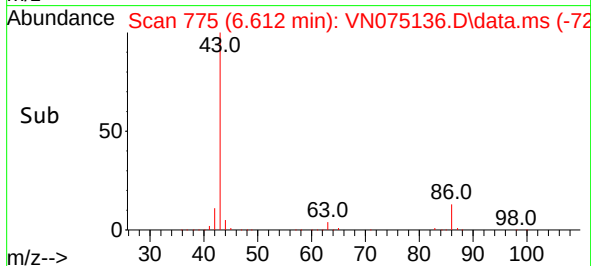
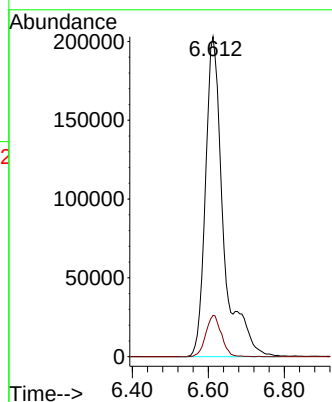
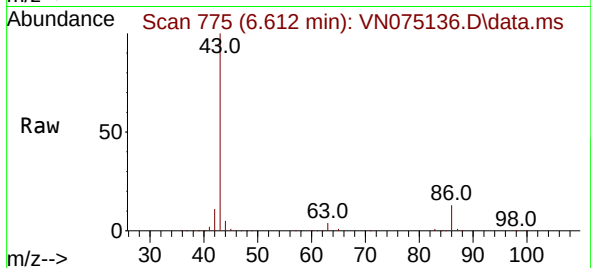
#23
 Vinyl Acetate
 Concen: 249.090 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075136.D
 Acq: 03 Nov 2022 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 667350
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.7 16.1

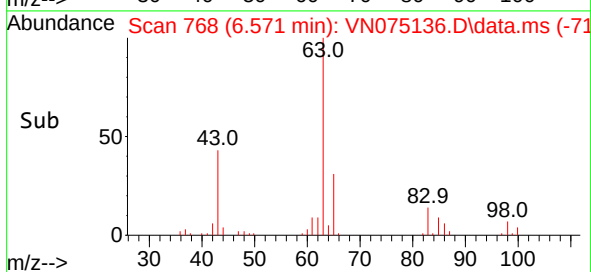
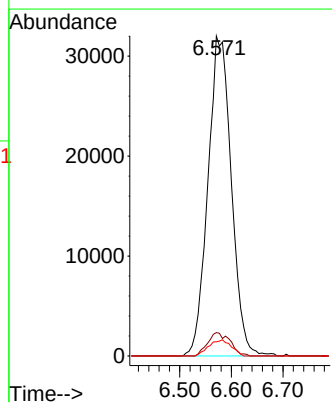
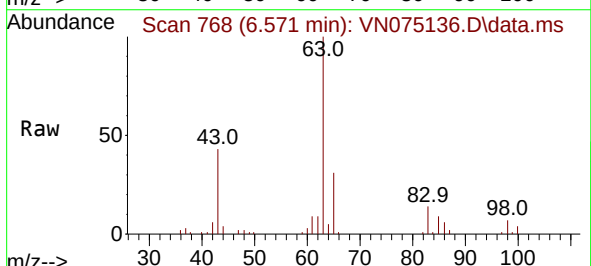
Manual Integrations
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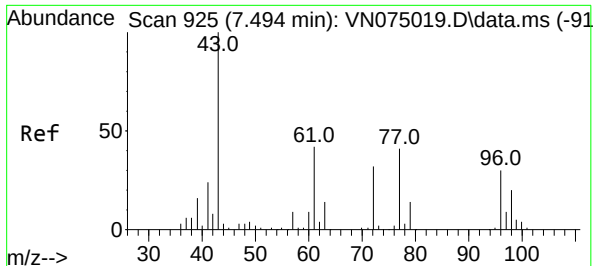
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022



#24
 1,1-Dichloroethane
 Concen: 49.694 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075136.D
 Acq: 03 Nov 2022 11:40

Tgt Ion: 63 Resp: 100836
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 253.982 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 21402

Ion Ratio Lower Upper

43 100

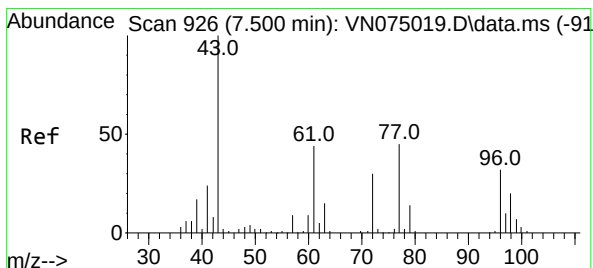
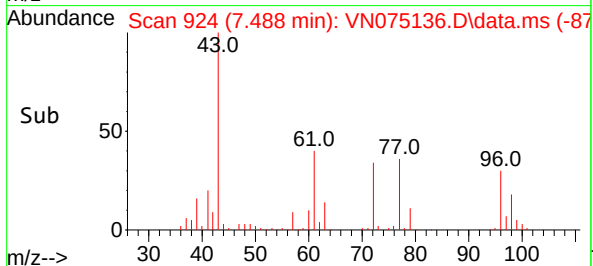
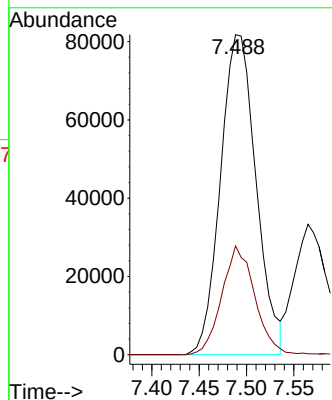
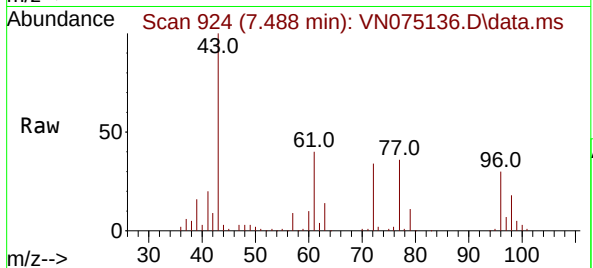
72 34.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#26

2,2-Dichloropropane

Concen: 48.520 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075136.D

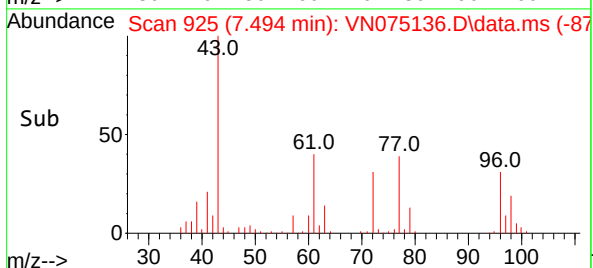
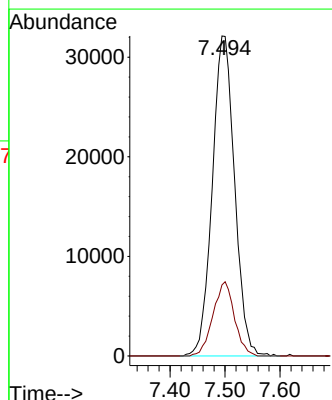
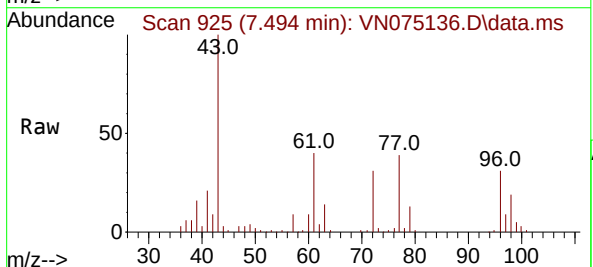
Acq: 03 Nov 2022 11:40

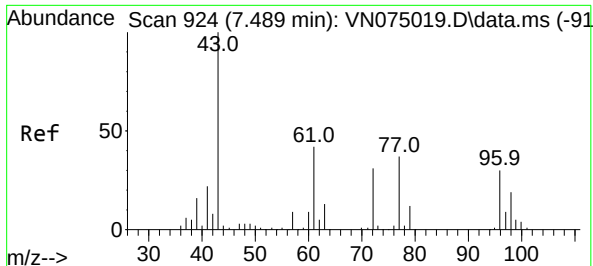
Tgt Ion: 77 Resp: 90574

Ion Ratio Lower Upper

77 100

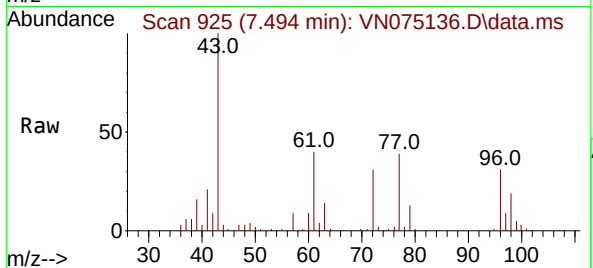
97 22.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.732 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075136.D
 Acq: 03 Nov 2022 11:40

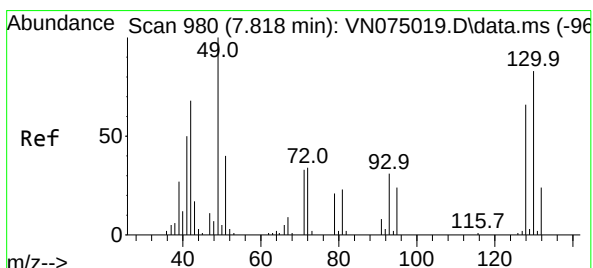
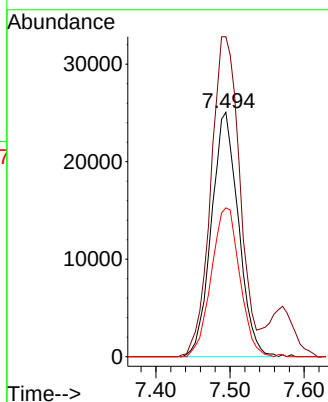
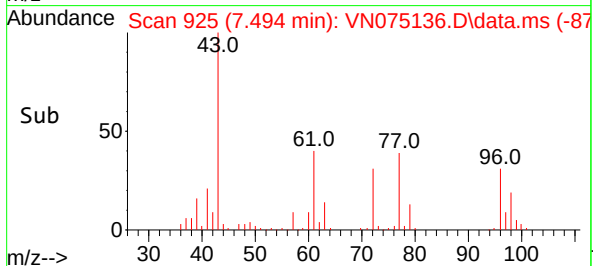
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 63428
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 278.8
 98 64.1 0.0 128.4

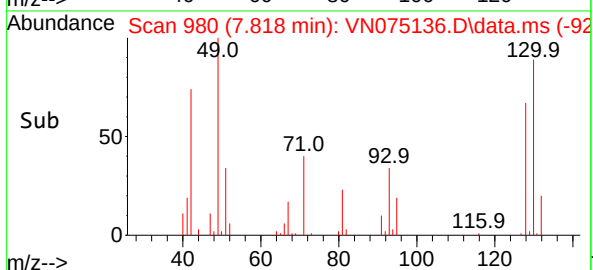
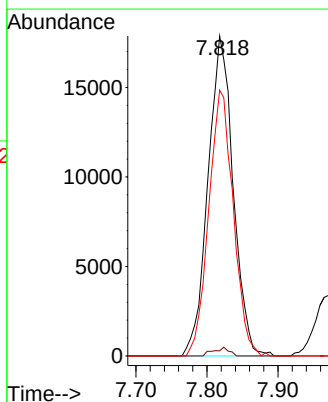
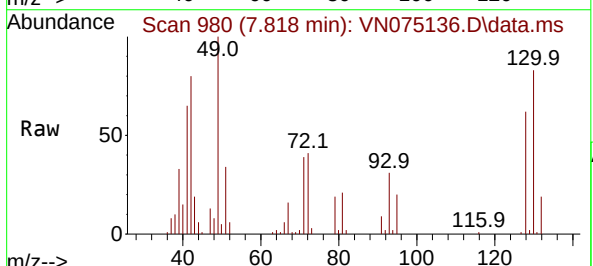
Manual Integrations
 APPROVED

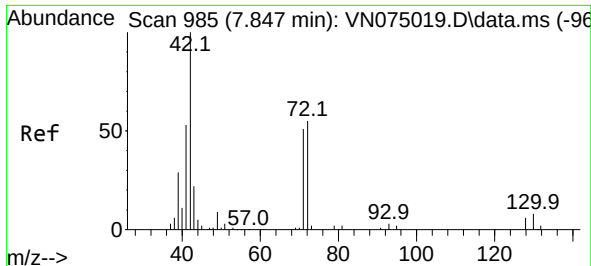
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022



#28
 Bromochloromethane
 Concen: 51.466 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075136.D
 Acq: 03 Nov 2022 11:40

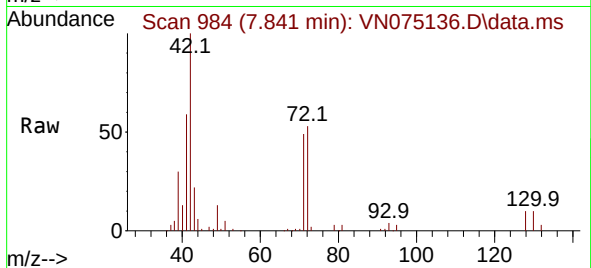
Tgt Ion: 49 Resp: 44023
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 80.9 66.2 99.4





#29
Tetrahydrofuran
Concen: 258.233 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

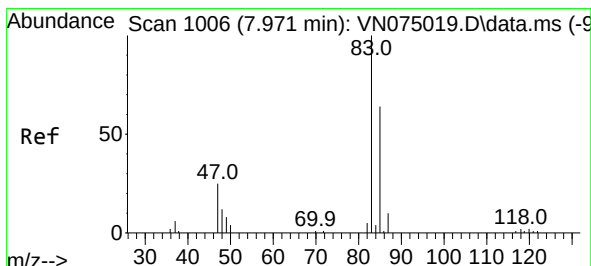
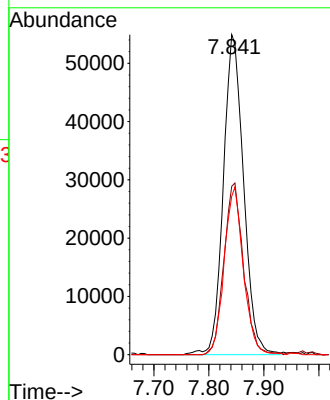
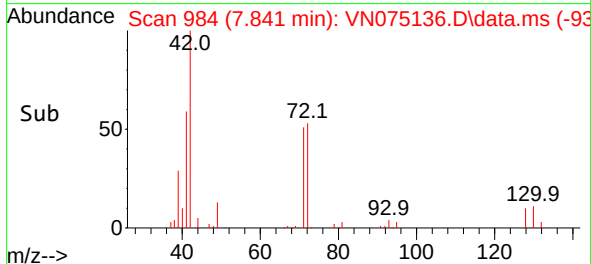
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



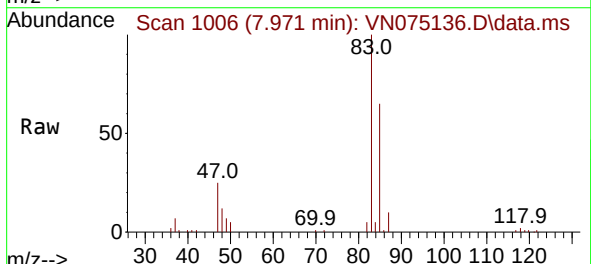
Tgt Ion: 42 Resp: 140617
Ion Ratio Lower Upper
42 100
72 52.1 43.0 64.6
71 49.7 39.9 59.9

Manual Integrations
APPROVED

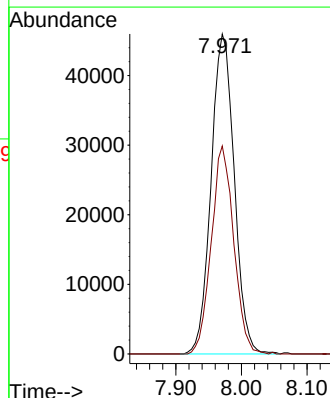
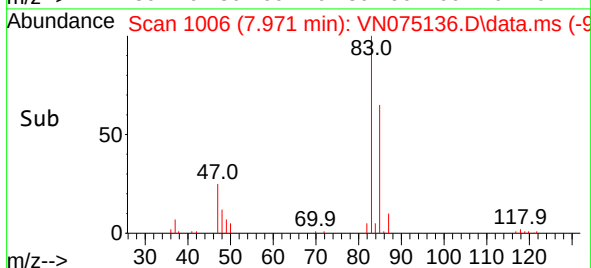
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

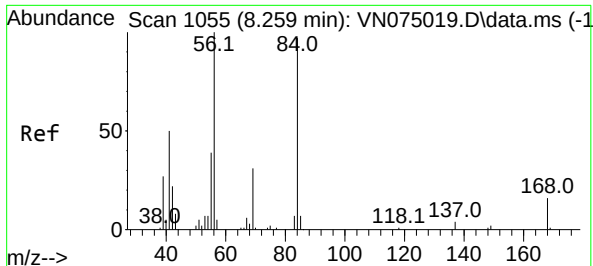


#30
Chloroform
Concen: 51.239 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



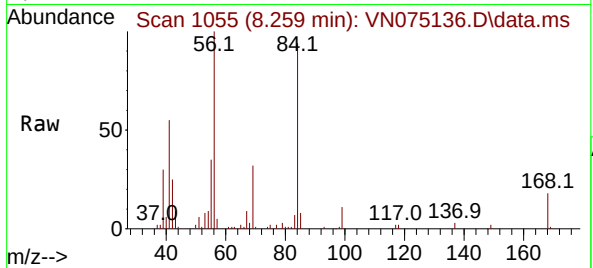
Tgt Ion: 83 Resp: 112886
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.0





#31
Cyclohexane
Concen: 46.264 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

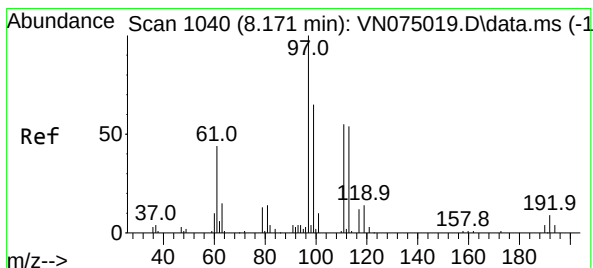
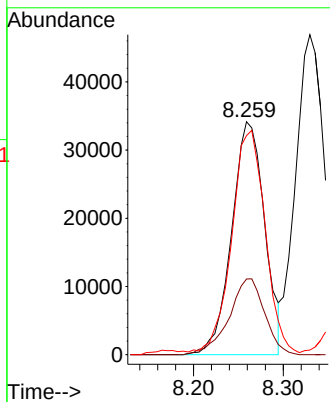
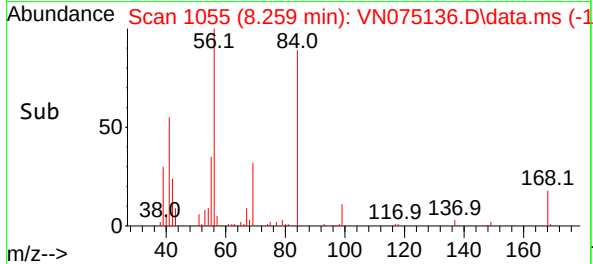
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



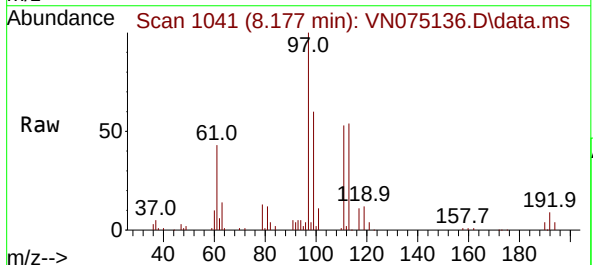
Tgt Ion: 56 Resp: 8706
Ion Ratio Lower Upper
56 100
69 32.5 25.2 37.8
84 92.7 77.8 116.8

Manual Integrations
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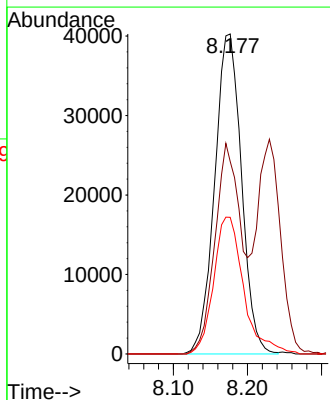
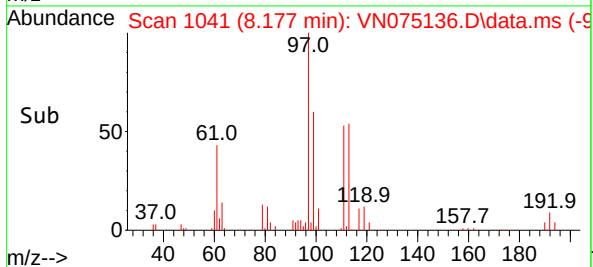
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

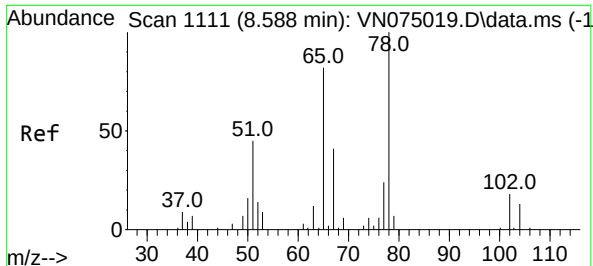


#32
1,1,1-Trichloroethane
Concen: 50.545 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



Tgt Ion: 97 Resp: 101124
Ion Ratio Lower Upper
97 100
99 63.3 50.2 75.2
61 47.8 37.0 55.6





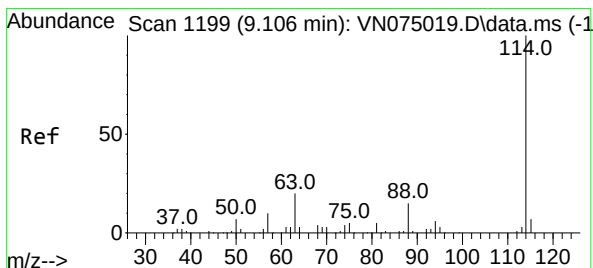
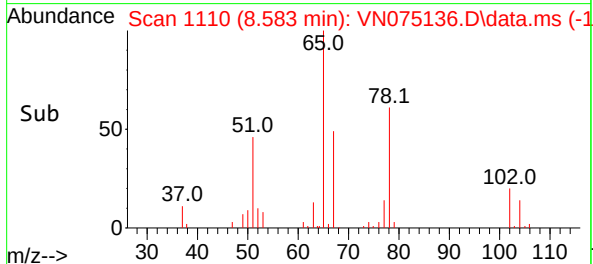
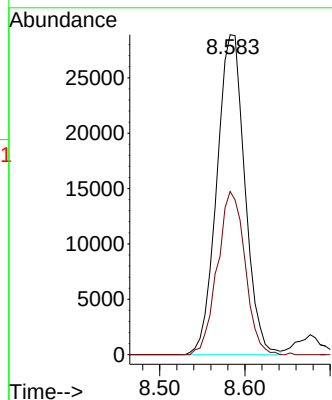
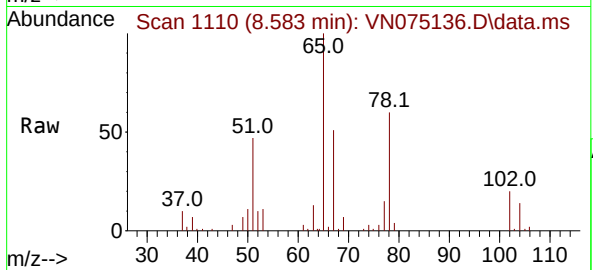
#33
1,2-Dichloroethane-d4
Concen: 52.162 ug/l
RT: 8.583 min Scan# 1111
Delta R.T. -0.005 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 66000
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.0

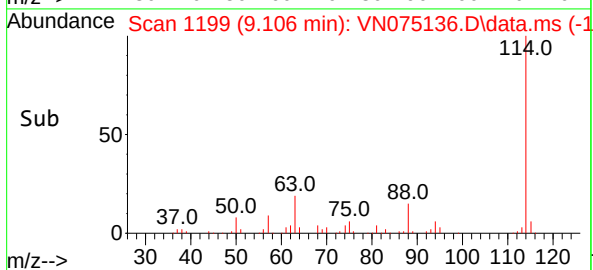
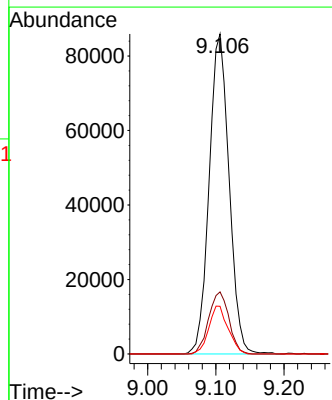
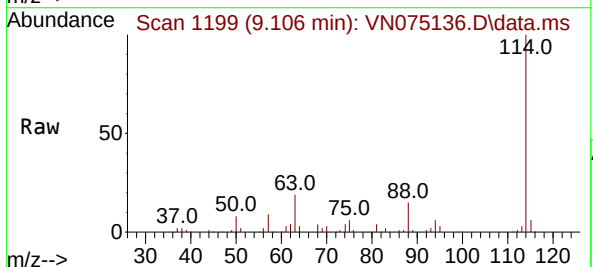
Manual Integrations
APPROVED

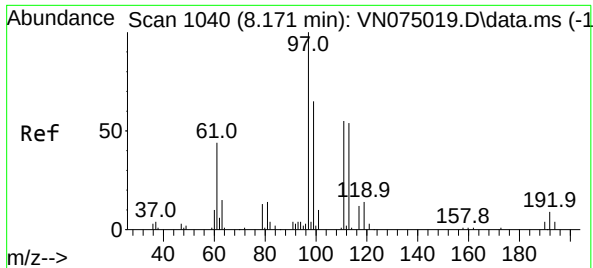
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion:114 Resp: 174400
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.884 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 52090

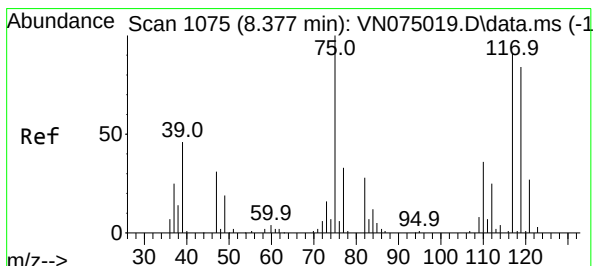
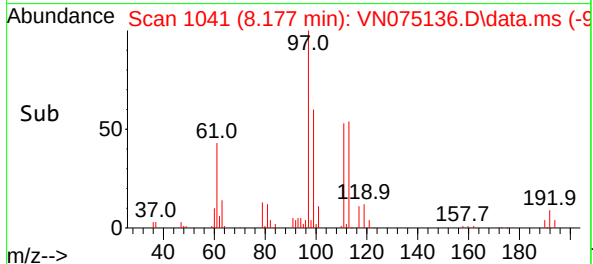
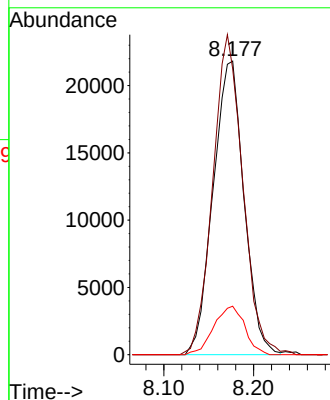
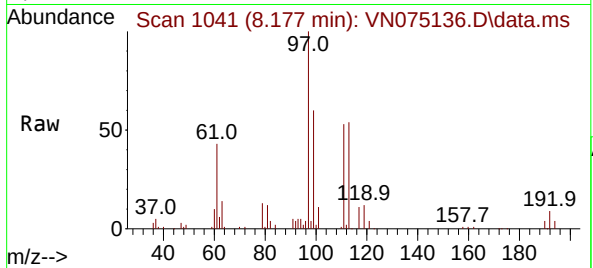
Ion	Ratio	Lower	Upper
113	100		
111	105.6	80.5	120.7
192	16.6	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#36

1,1-Dichloropropene

Concen: 52.064 ug/l

RT: 8.377 min Scan# 1075

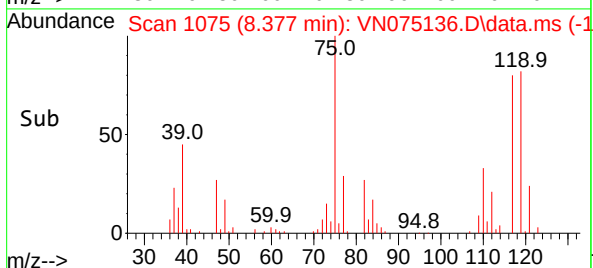
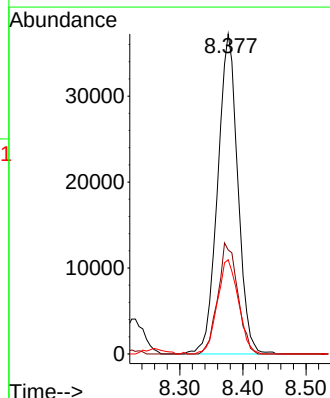
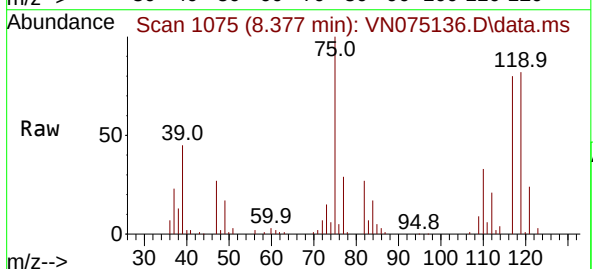
Delta R.T. -0.000 min

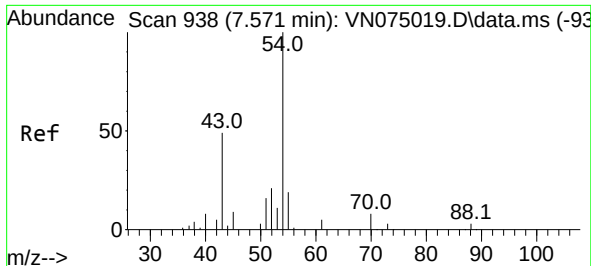
Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Tgt Ion: 75 Resp: 82523

Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.8	53.3
77	30.6	24.6	37.0





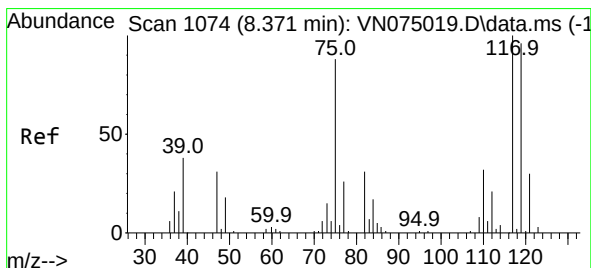
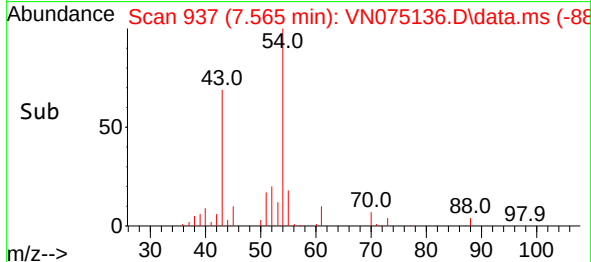
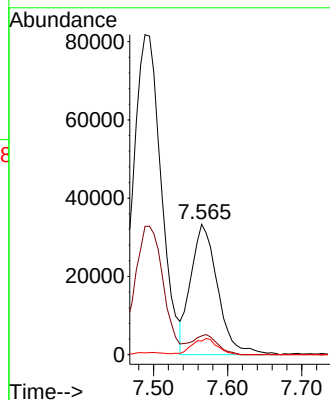
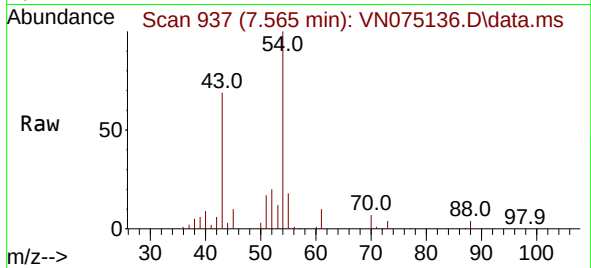
#37
Ethyl Acetate
Concen: 48.376 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 84092
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.4
70 11.6 9.4 14.2

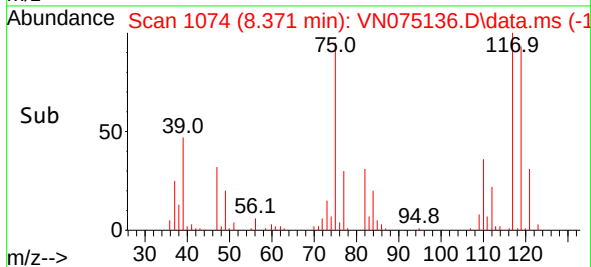
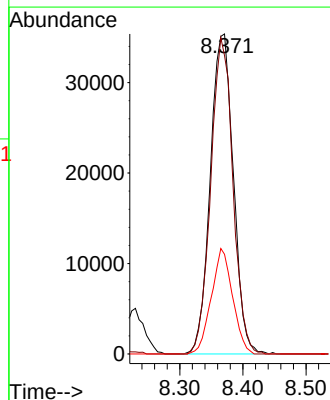
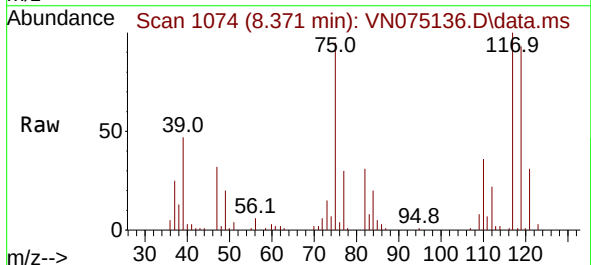
Manual Integrations
APPROVED

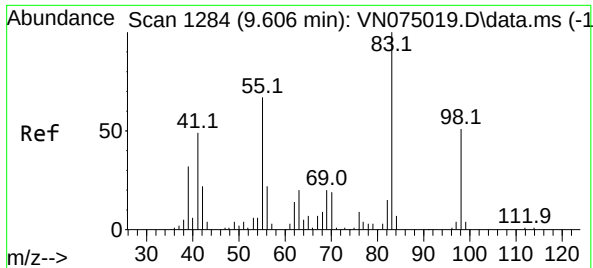
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#38
Carbon Tetrachloride
Concen: 51.486 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion:117 Resp: 89769
Ion Ratio Lower Upper
117 100
119 93.2 76.7 115.1
121 31.1 23.9 35.9





#39

Methylcyclohexane

Concen: 49.485 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. -0.006 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 103549

Ion Ratio Lower Upper

83 100

55 64.8 53.6 80.4

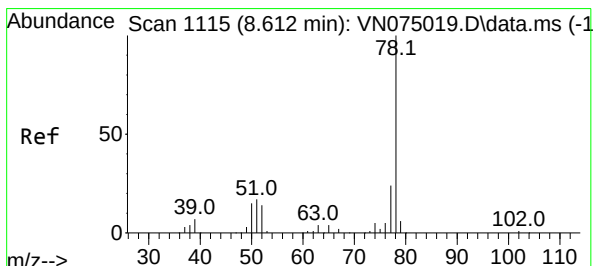
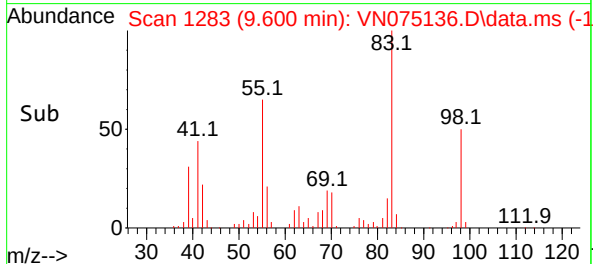
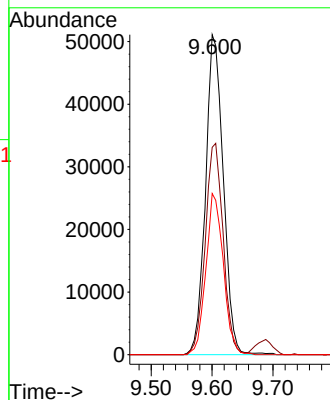
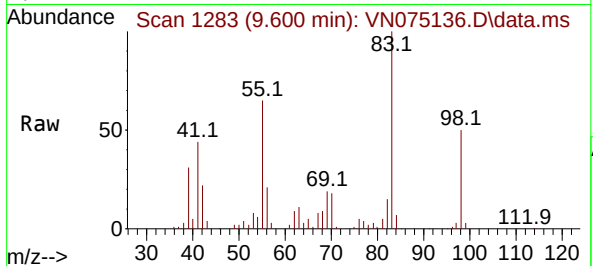
98 50.3 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#40

Benzene

Concen: 50.677 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075136.D

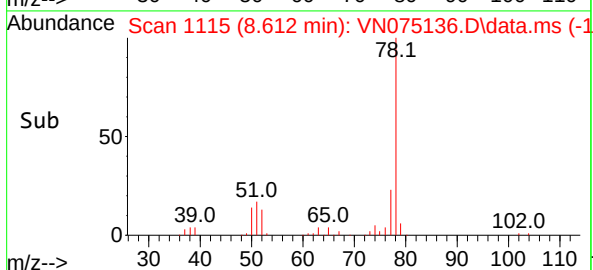
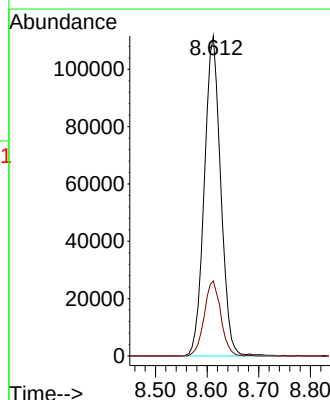
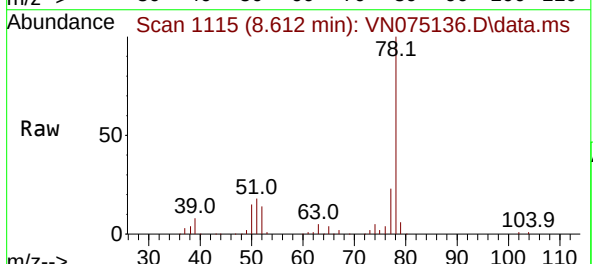
Acq: 03 Nov 2022 11:40

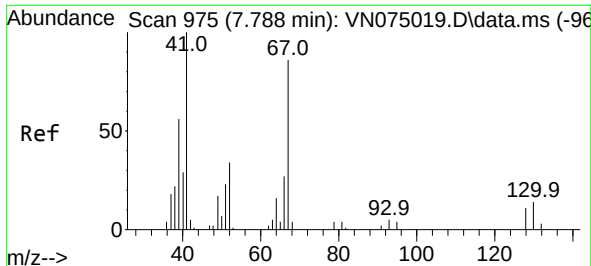
Tgt Ion: 78 Resp: 245948

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0





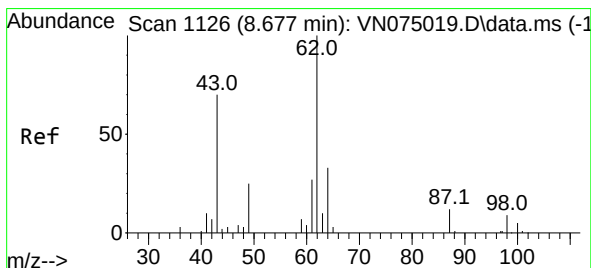
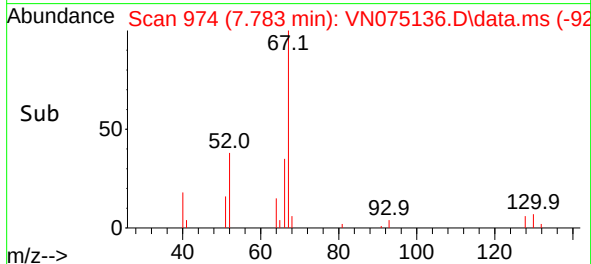
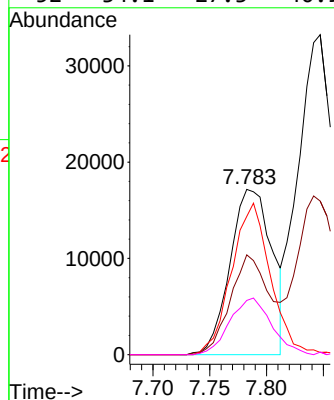
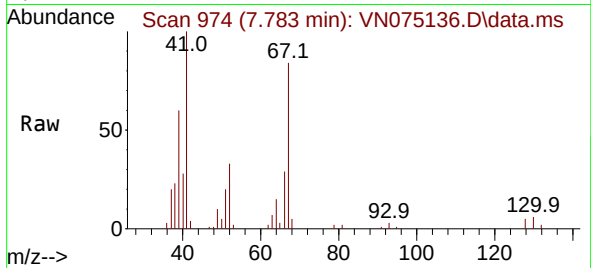
#41
Methacrylonitrile
Concen: 52.886 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 4404
Ion Ratio	Lower Upper
41 100	
39 57.0	44.4 66.6
67 85.6	69.8 104.6
52 34.1	27.3 40.9

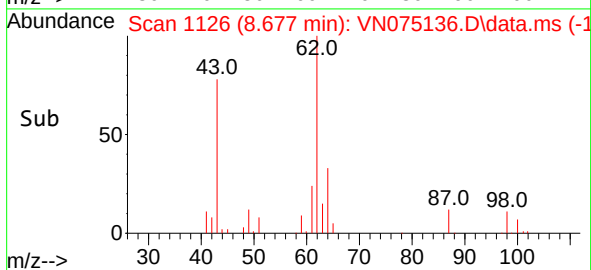
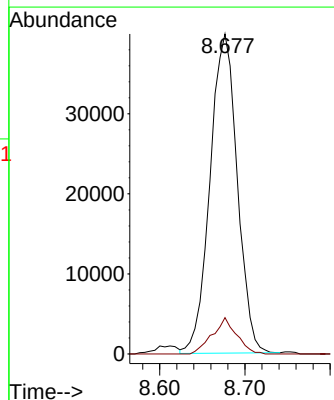
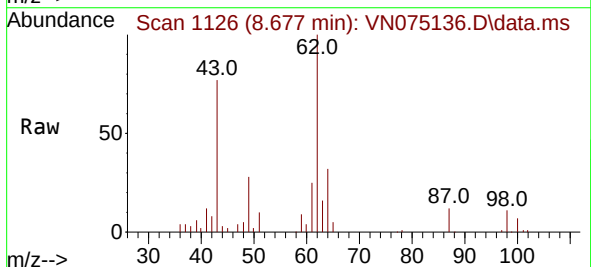
Manual Integrations
APPROVED

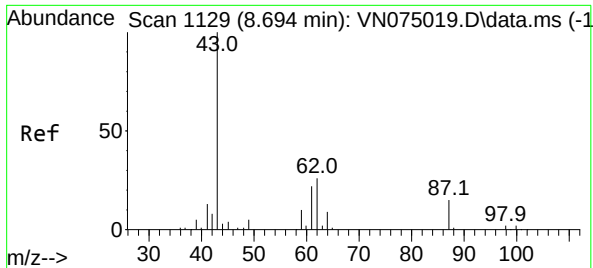
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#42
1,2-Dichloroethane
Concen: 50.165 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

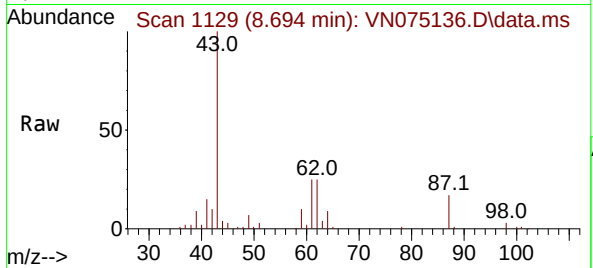
Tgt Ion: 62	Resp: 88576
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 18.2





#43
Isopropyl Acetate
Concen: 50.546 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

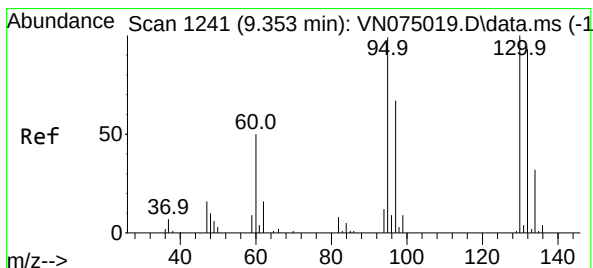
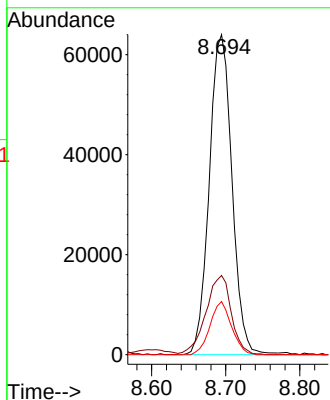
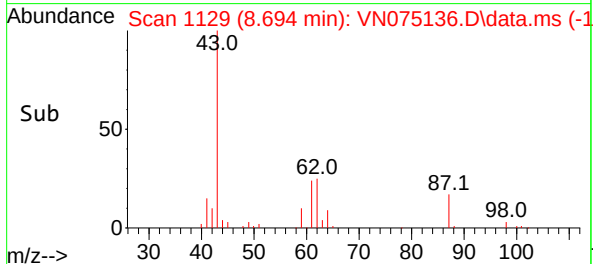
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 136289
Ion Ratio Lower Upper
43 100
61 27.7 22.4 33.6
87 15.7 12.5 18.7

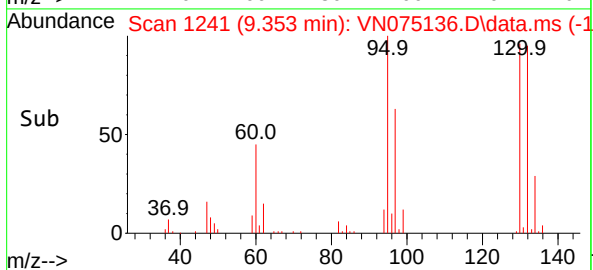
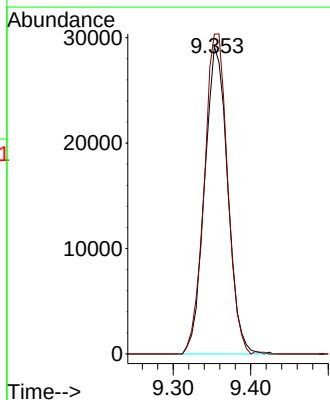
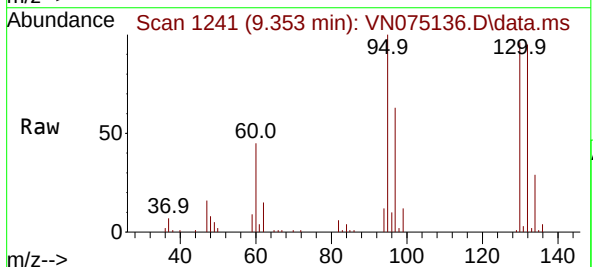
Manual Integrations
APPROVED

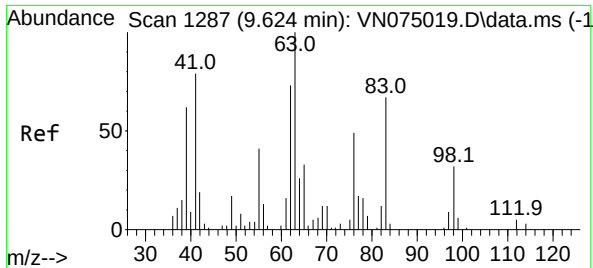
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#44
Trichloroethene
Concen: 49.616 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion:130 Resp: 60412
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.792 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6097

Ion Ratio Lower Upper

63 100

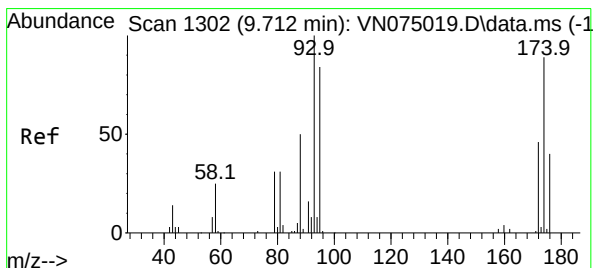
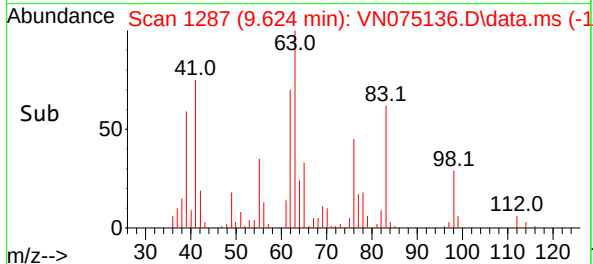
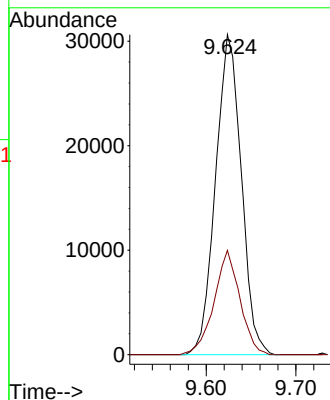
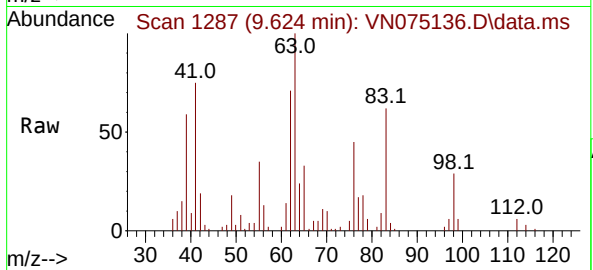
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#46

Dibromomethane

Concen: 50.804 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

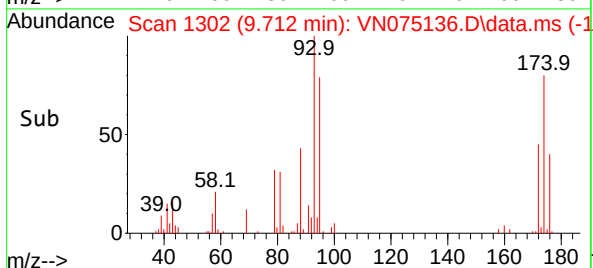
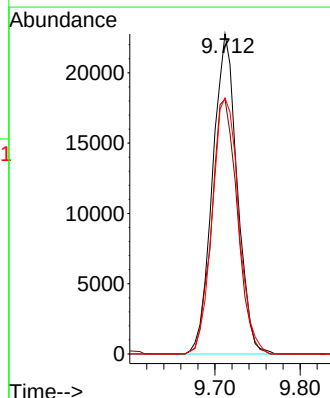
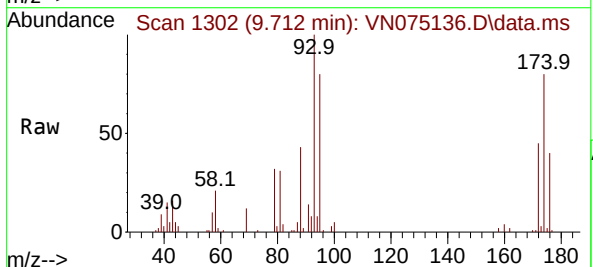
Tgt Ion: 93 Resp: 45714

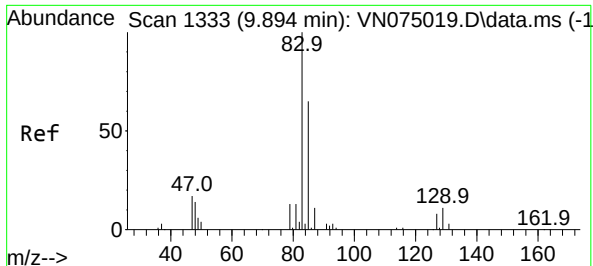
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 85.7 70.3 105.5





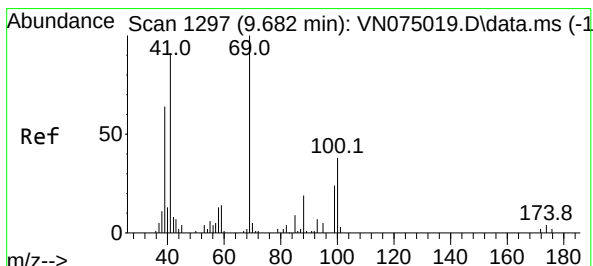
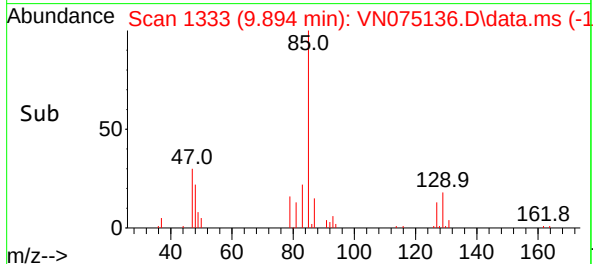
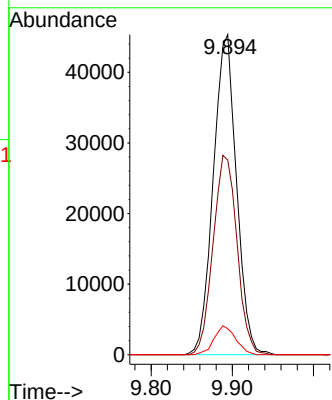
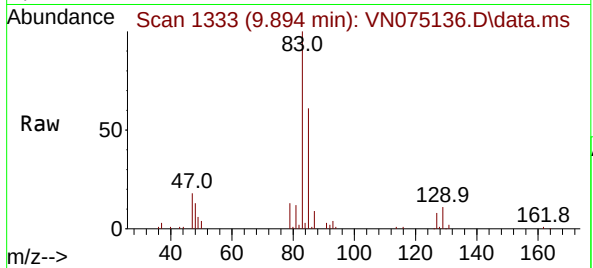
#47
Bromodichloromethane
Concen: 51.727 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 90135
Ion Ratio Lower Upper
83 100
85 60.9 52.1 78.1
127 8.1 6.6 10.0

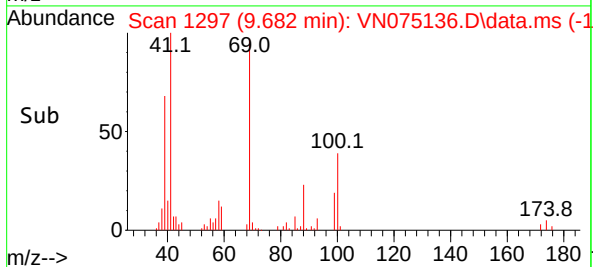
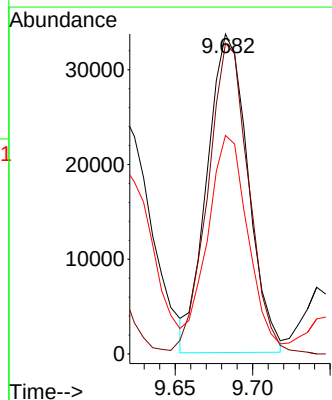
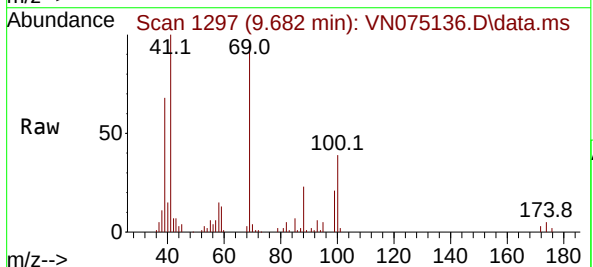
Manual Integrations
APPROVED

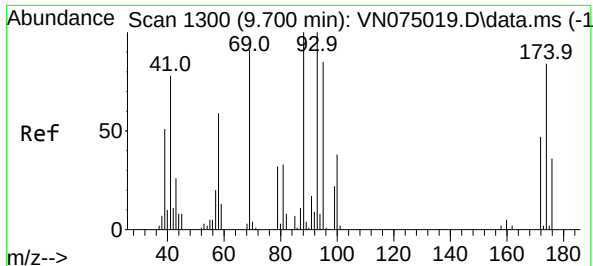
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#48
Methyl methacrylate
Concen: 50.001 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 41 Resp: 61843
Ion Ratio Lower Upper
41 100
69 97.3 80.2 120.2
39 68.5 56.2 84.2





#49

1,4-Dioxane

Concen: 1007.777 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 32640

Ion Ratio Lower Upper

88 100

43 23.1 17.5 26.3

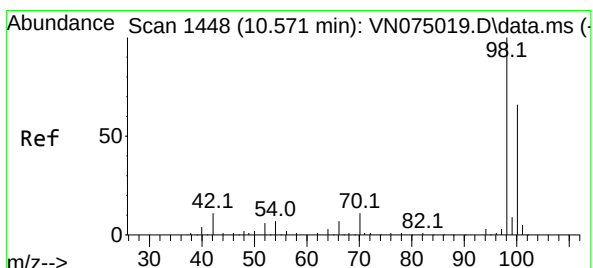
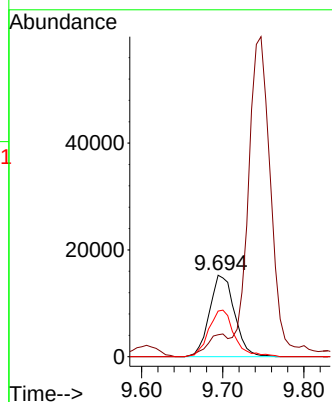
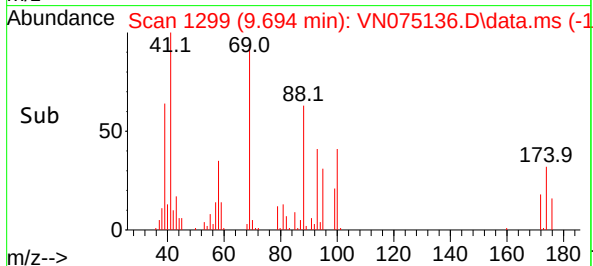
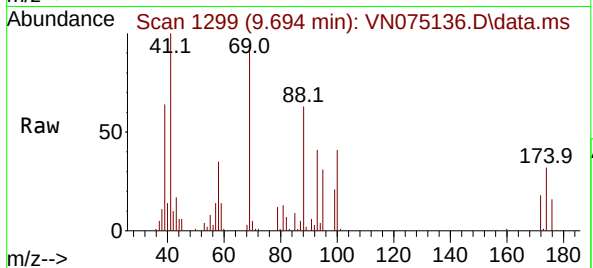
58 58.7 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#50

Toluene-d8

Concen: 52.940 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075136.D

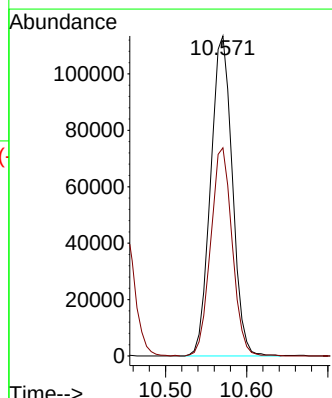
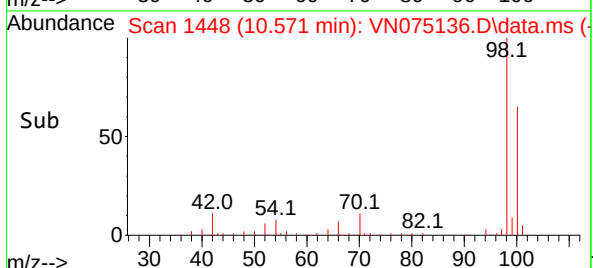
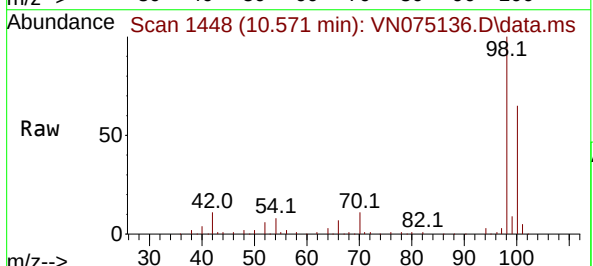
Acq: 03 Nov 2022 11:40

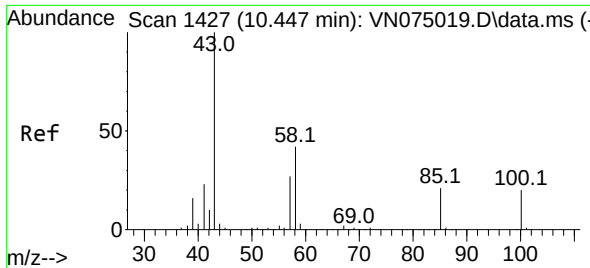
Tgt Ion: 98 Resp: 210286

Ion Ratio Lower Upper

98 100

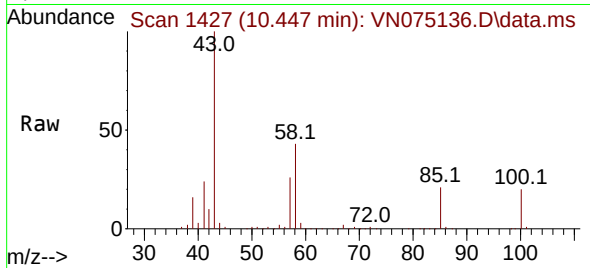
100 64.6 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 261.343 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

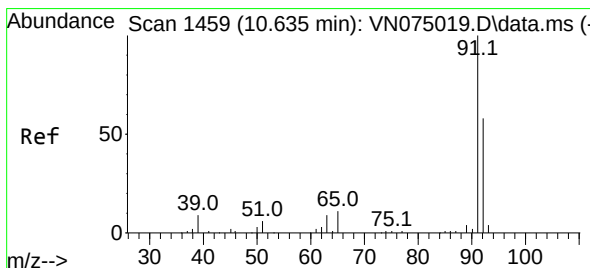
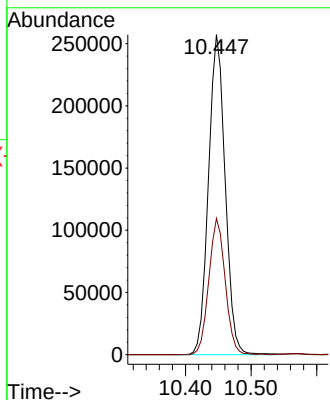
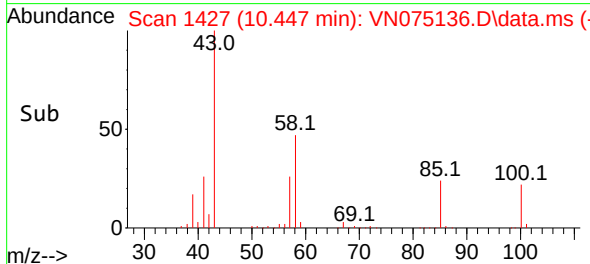
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 45472
Ion Ratio Lower Upper
43 100
58 41.8 33.6 50.4

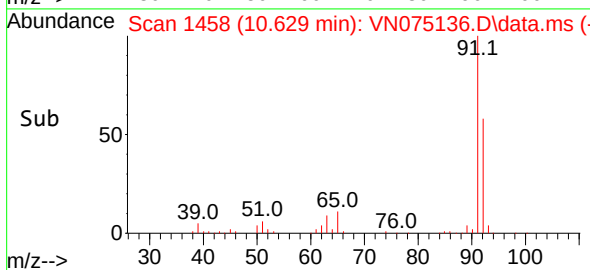
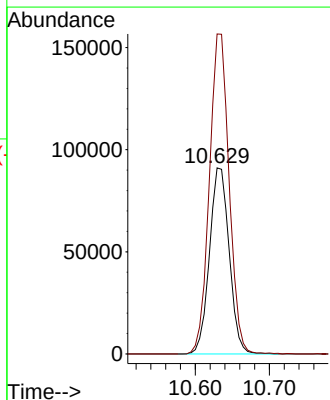
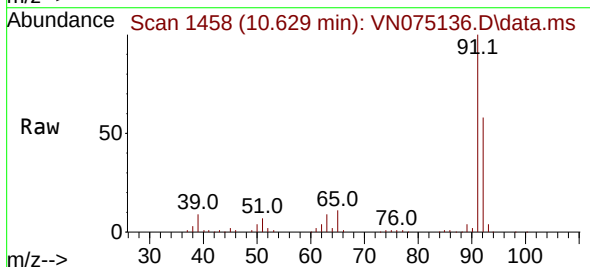
Manual Integrations
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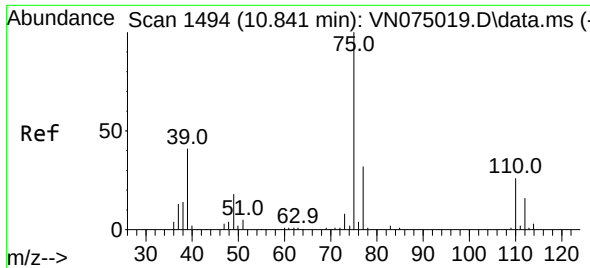
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#52
Toluene
Concen: 51.840 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

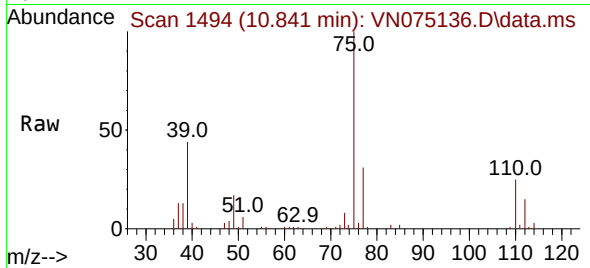
Tgt Ion: 92 Resp: 168180
Ion Ratio Lower Upper
92 100
91 172.2 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 52.256 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

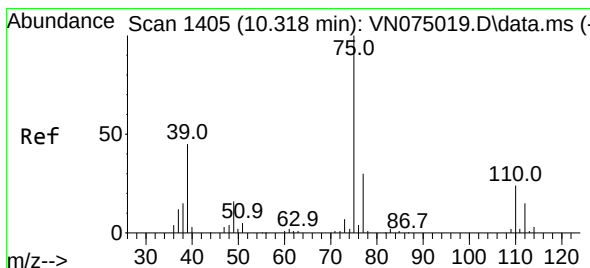
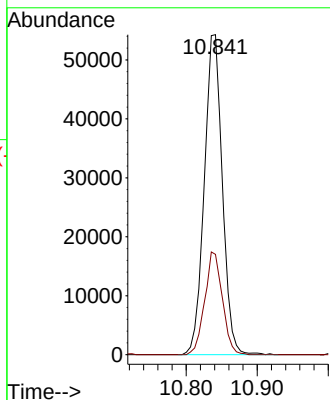
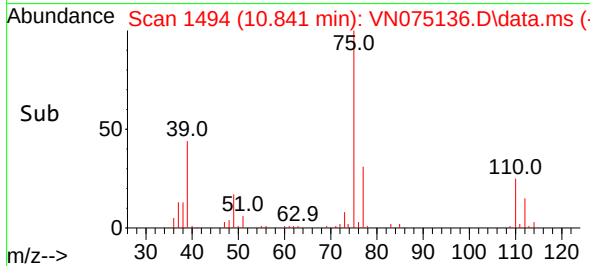
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 9611
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

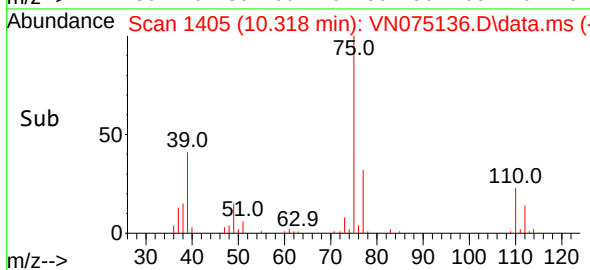
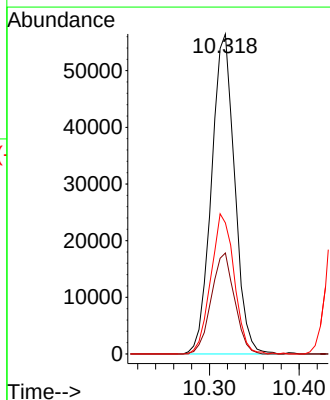
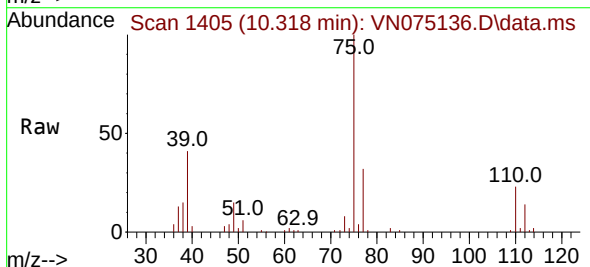
Manual Integrations
APPROVED

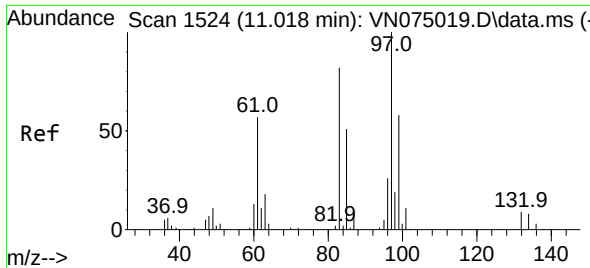
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#54
cis-1,3-Dichloropropene
Concen: 51.875 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 75 Resp: 101197
Ion Ratio Lower Upper
75 100
77 31.5 23.7 35.5
39 40.9 35.8 53.6





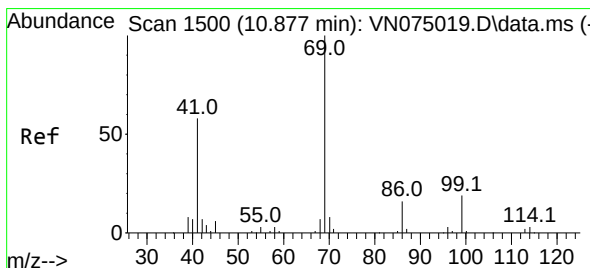
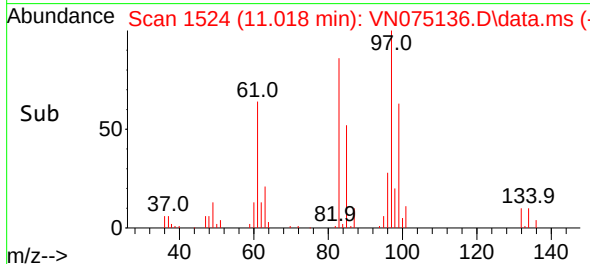
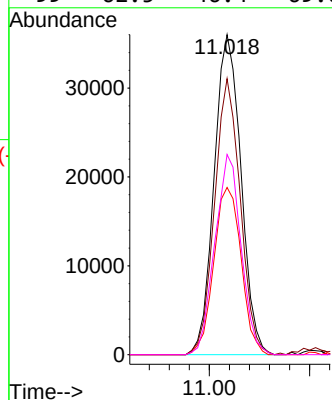
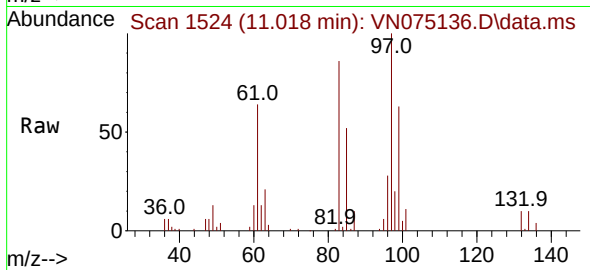
#55
1,1,2-Trichloroethane
Concen: 51.985 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 6687
Ion Ratio	Lower Upper
97 100	
83 86.2	65.9 98.9
85 52.2	40.4 60.6
99 62.5	46.4 69.6

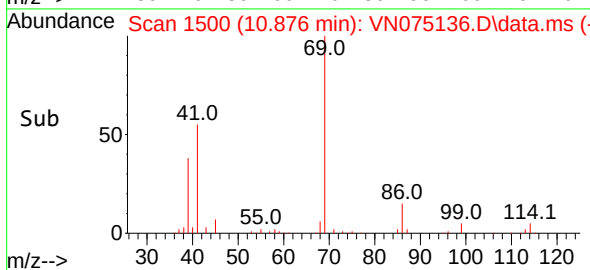
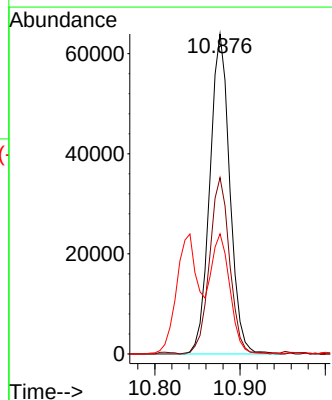
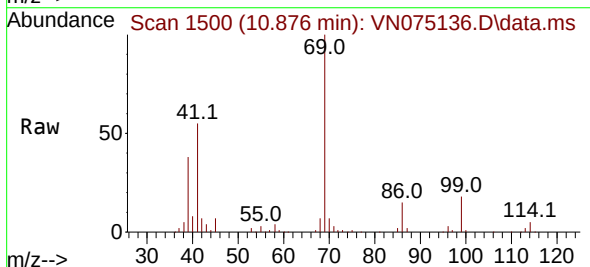
Manual Integrations
APPROVED

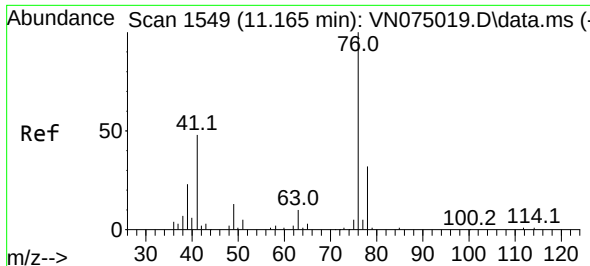
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#56
Ethyl methacrylate
Concen: 52.911 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 69	Resp: 103820
Ion Ratio	Lower Upper
69 100	
41 55.8	45.6 68.4
39 35.6	28.5 42.7





#57

1,3-Dichloropropane

Concen: 52.791 ug/l

RT: 11.165 min Scan# 113090

Delta R.T. -0.000 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 113090

Ion Ratio Lower Upper

76 100

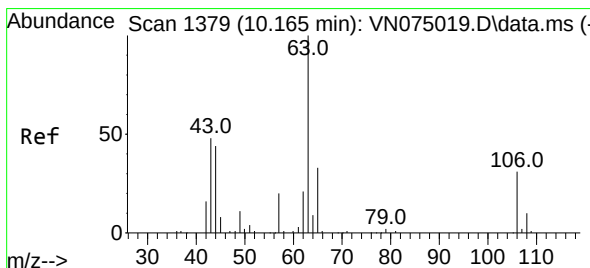
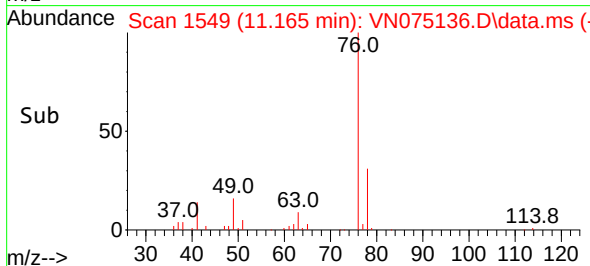
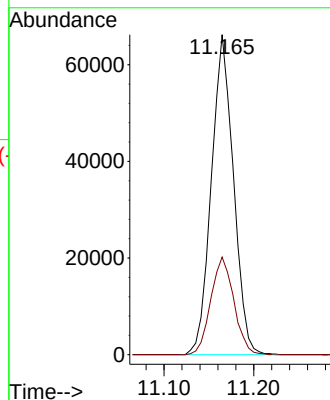
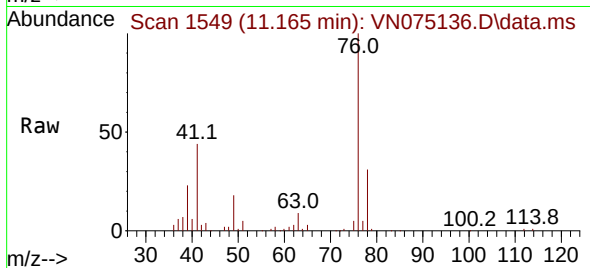
78 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 262.667 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075136.D

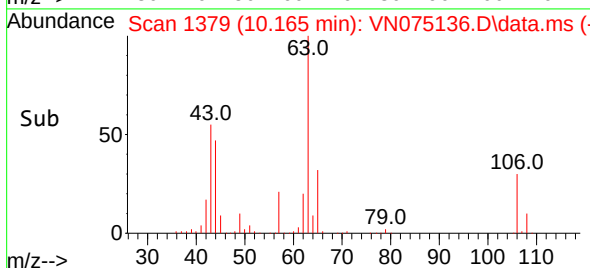
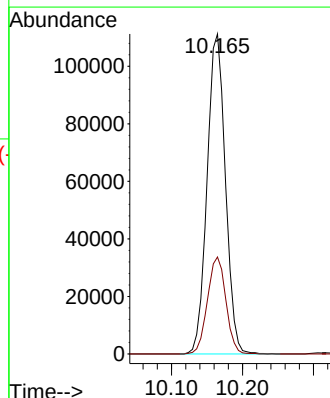
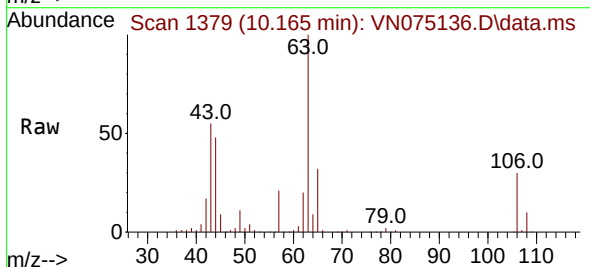
Acq: 03 Nov 2022 11:40

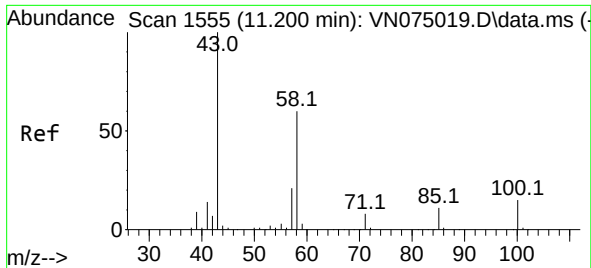
Tgt Ion: 63 Resp: 199252

Ion Ratio Lower Upper

63 100

106 30.5 24.8 37.2





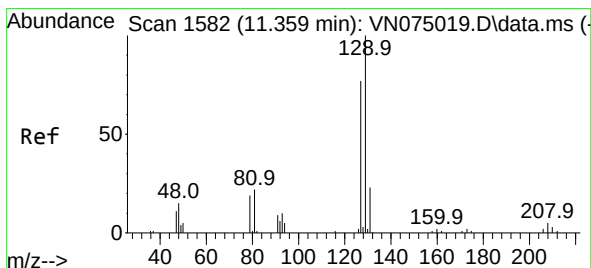
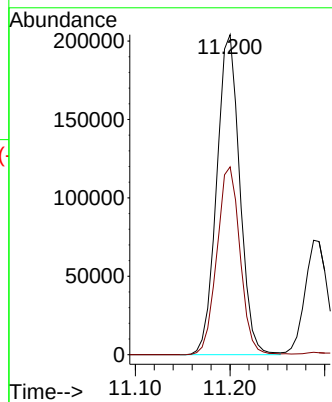
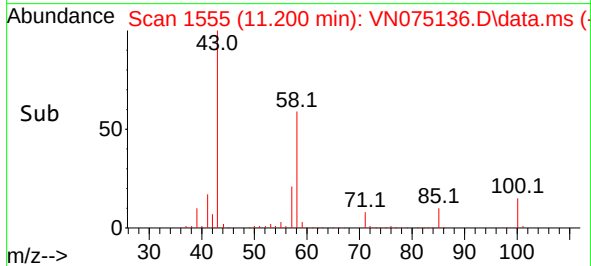
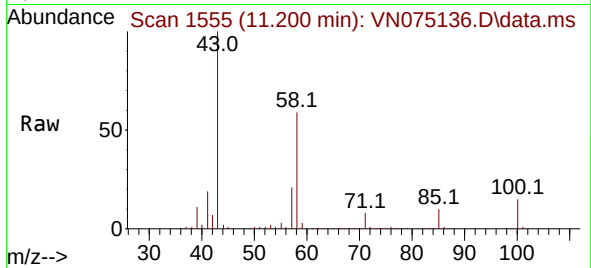
#59
2-Hexanone
Concen: 261.342 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 345118
Ion Ratio Lower Upper
43 100
58 58.9 29.6 88.8

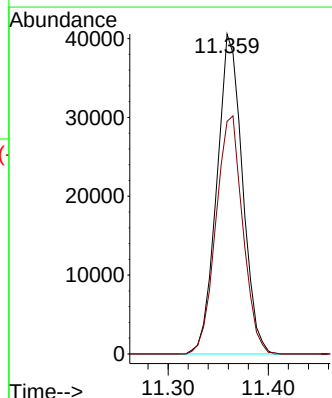
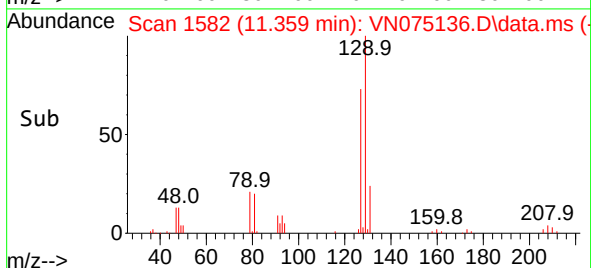
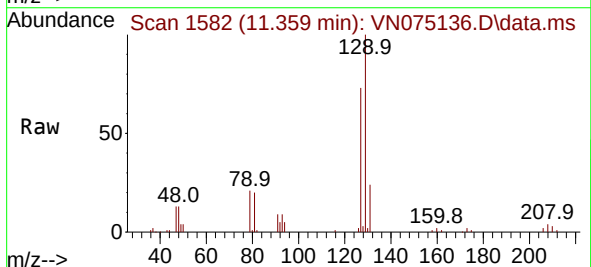
Manual Integrations
APPROVED

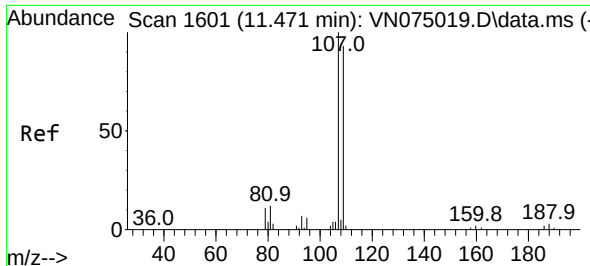
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#60
Dibromochloromethane
Concen: 53.013 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

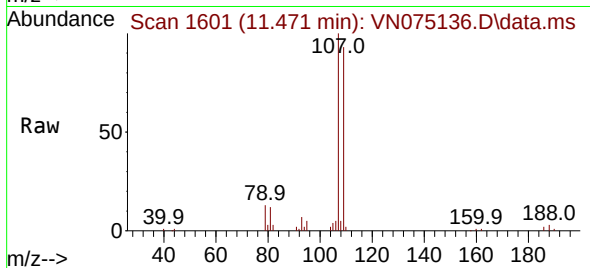
Tgt Ion:129 Resp: 71947
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.325 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

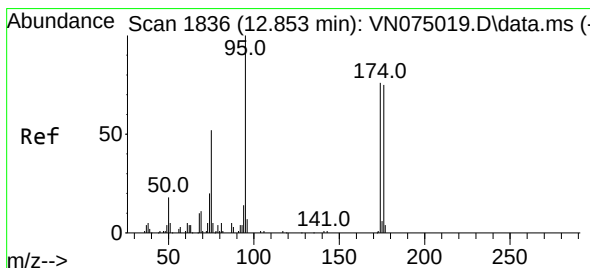
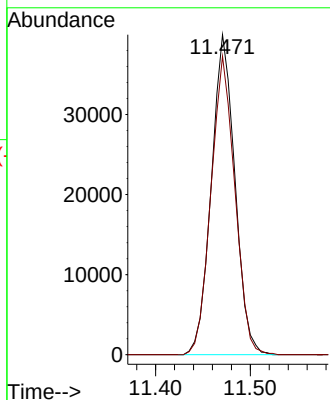
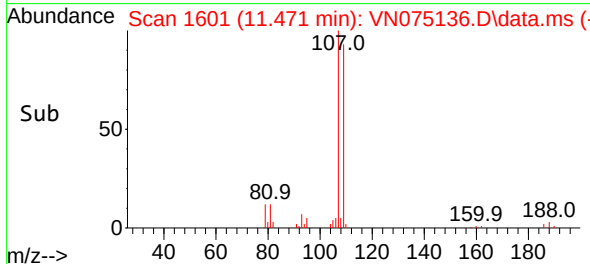
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 68979
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

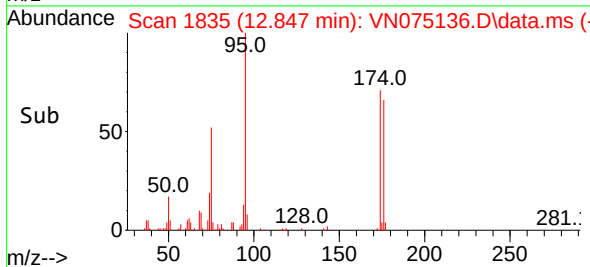
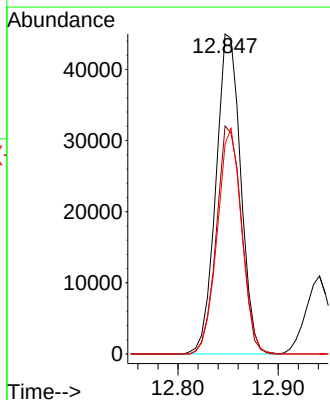
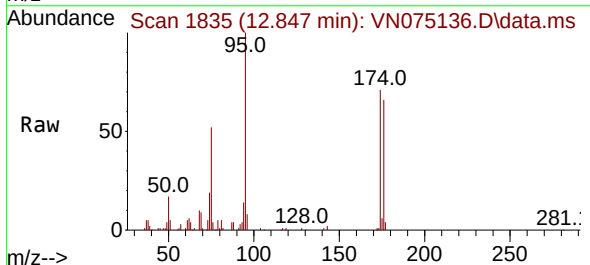
Manual Integrations
APPROVED

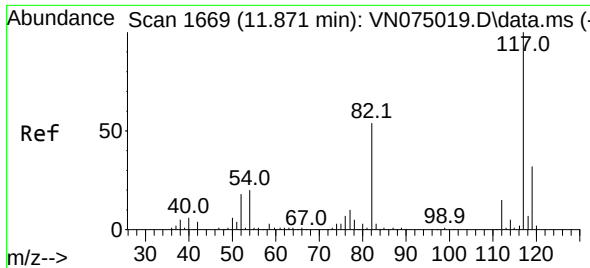
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#62
4-Bromofluorobenzene
Concen: 55.253 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 95 Resp: 77096
Ion Ratio Lower Upper
95 100
174 71.9 0.0 147.4
176 69.5 0.0 142.2





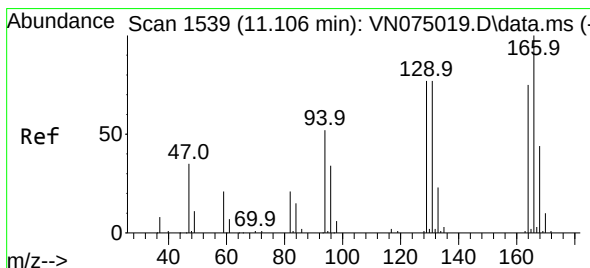
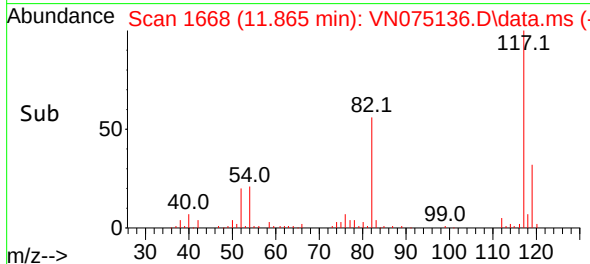
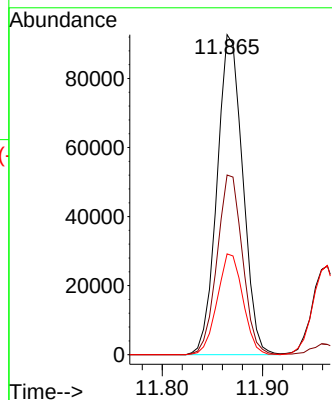
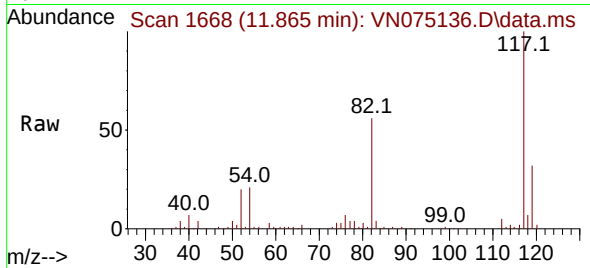
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 165019
Ion Ratio Lower Upper
117 100
82 56.2 43.1 64.7
119 31.5 25.5 38.3

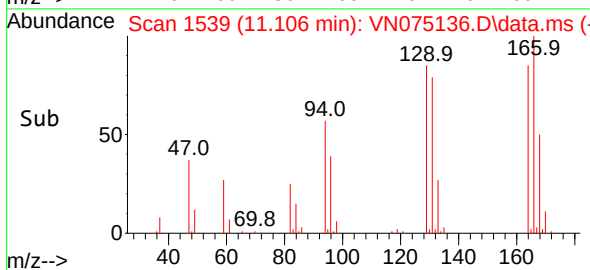
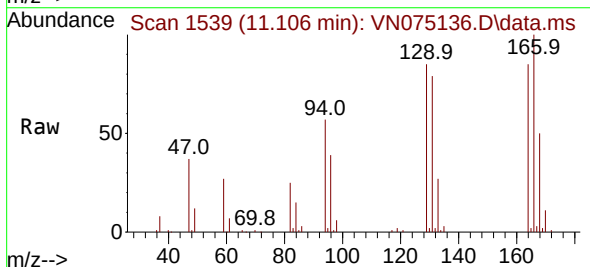
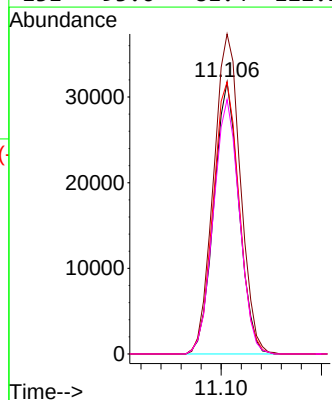
Manual Integrations
APPROVED

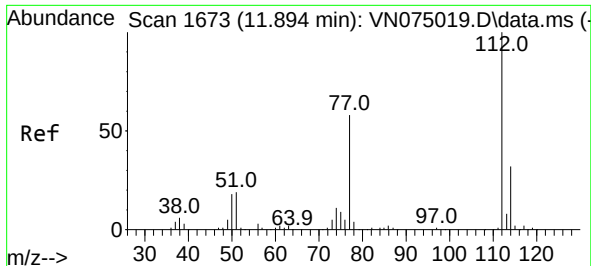
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#64
Tetrachloroethene
Concen: 54.387 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion:164 Resp: 55024
Ion Ratio Lower Upper
164 100
166 117.7 106.5 159.7
129 100.0 81.9 122.9
131 93.6 81.4 122.2





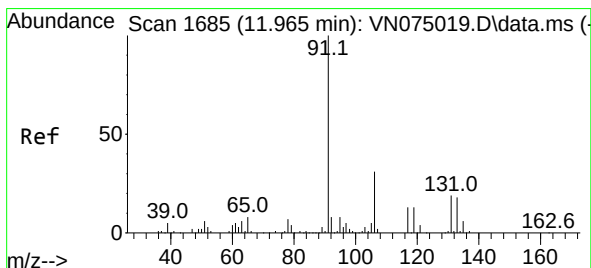
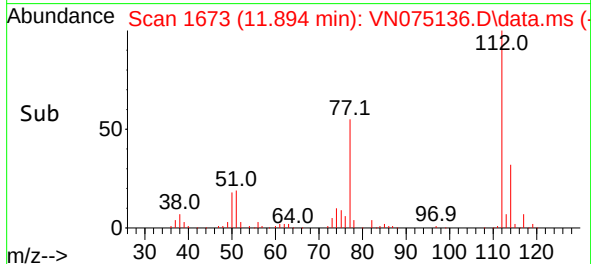
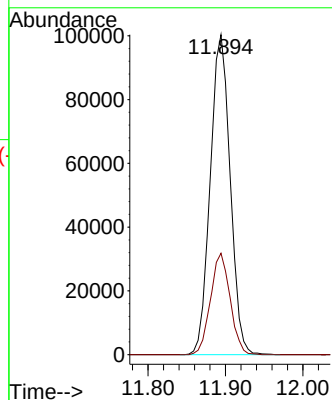
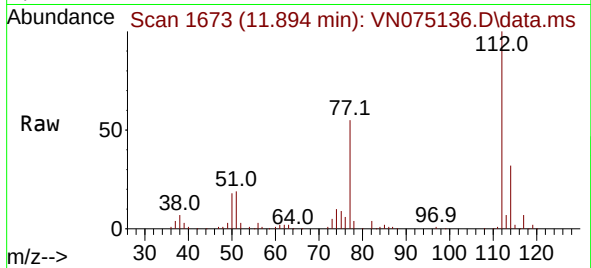
#65
Chlorobenzene
Concen: 50.852 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 179120
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

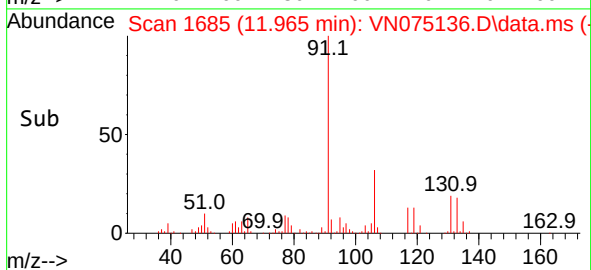
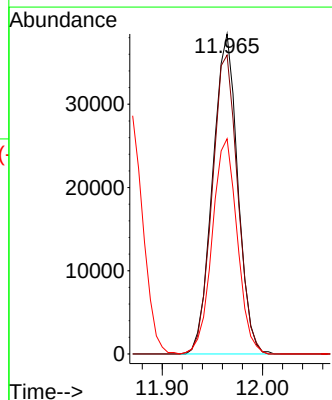
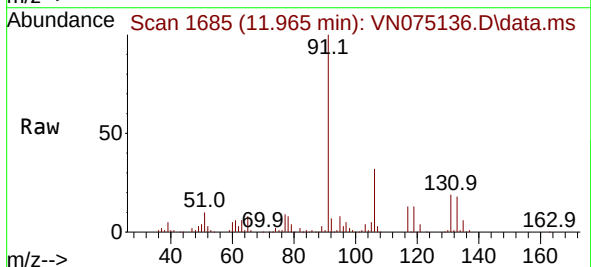
Manual Integrations
APPROVED

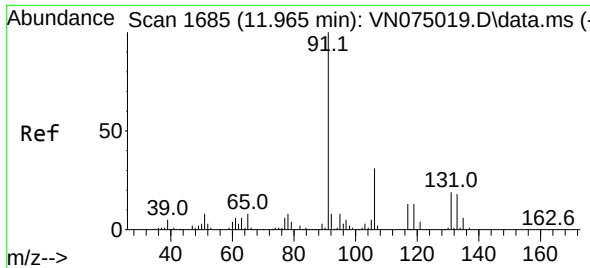
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.046 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

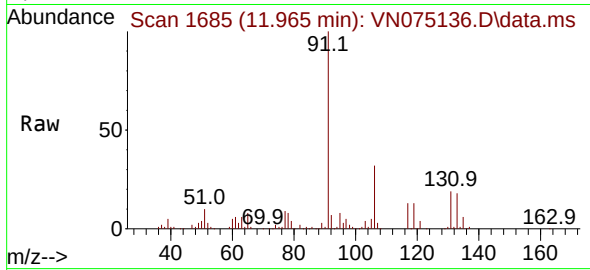
Tgt Ion:131 Resp: 66700
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 67.0 33.0 99.0





#67
Ethyl Benzene
Concen: 52.118 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

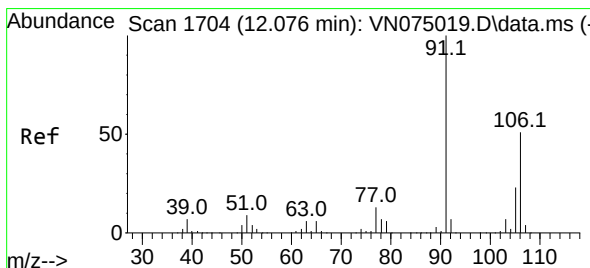
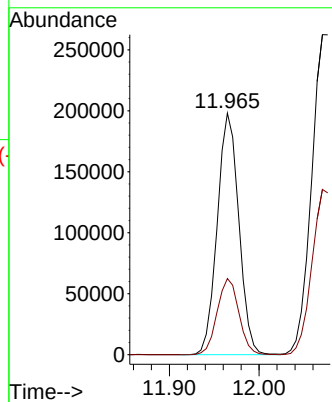
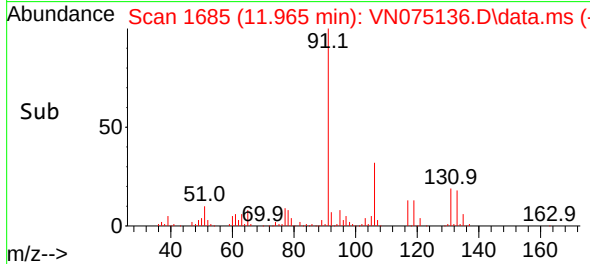
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



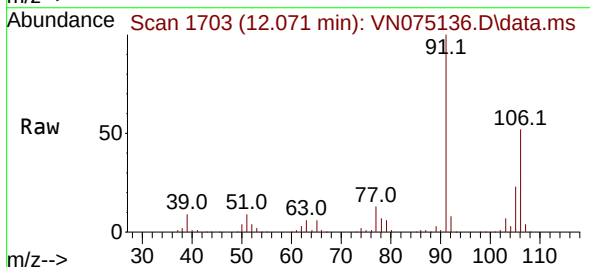
Tgt Ion: 91 Resp: 330283
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

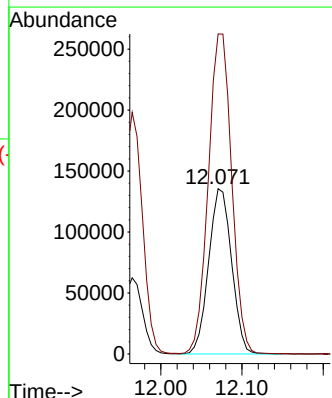
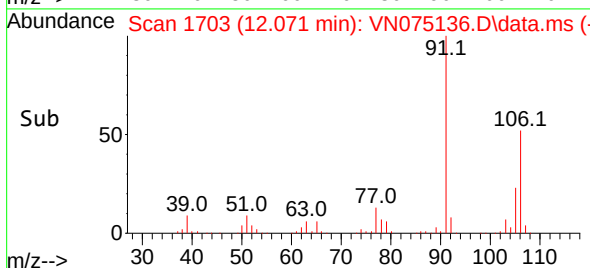
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

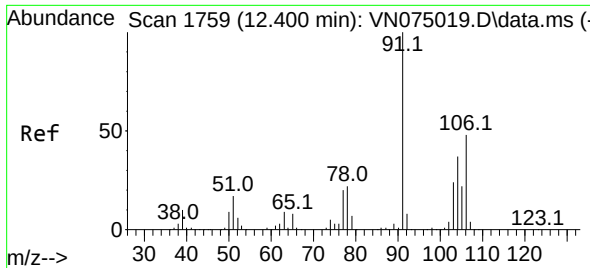


#68
m/p-Xylenes
Concen: 104.517 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



Tgt Ion:106 Resp: 265767
Ion Ratio Lower Upper
106 100
91 197.7 156.0 234.0





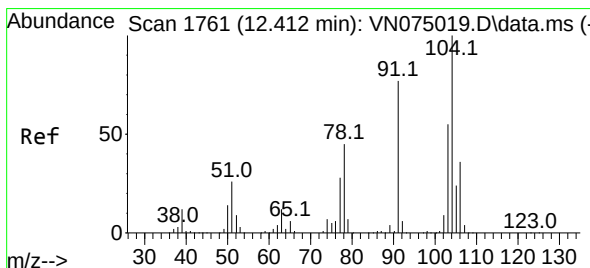
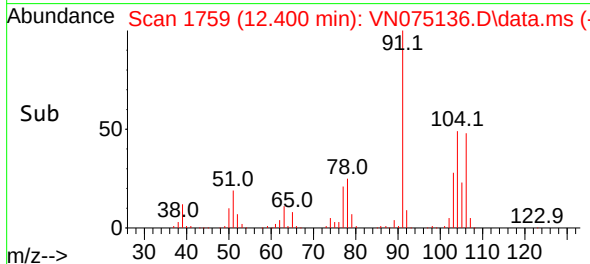
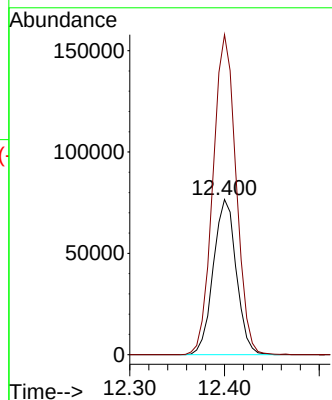
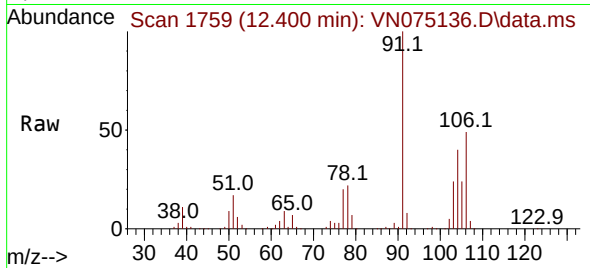
#69
o-Xylene
Concen: 51.293 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 128980
Ion Ratio Lower Upper
106 100
91 207.8 105.2 315.5

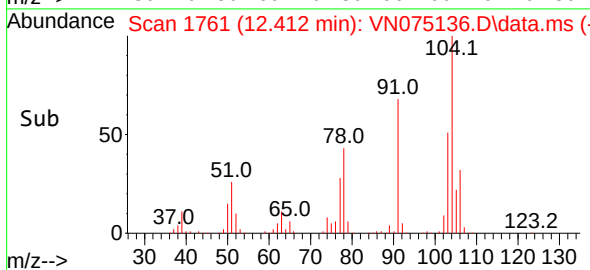
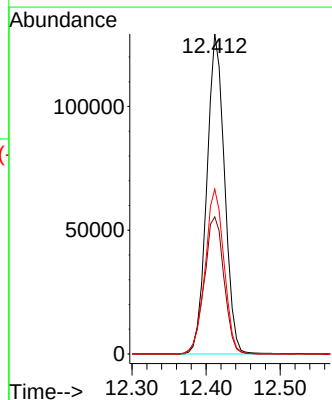
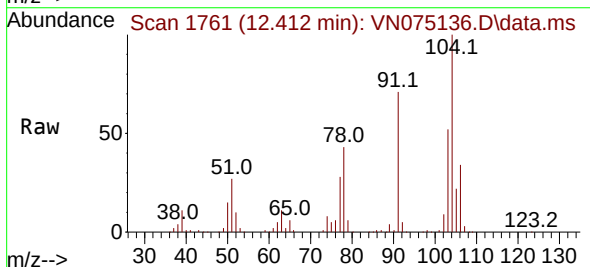
Manual Integrations
APPROVED

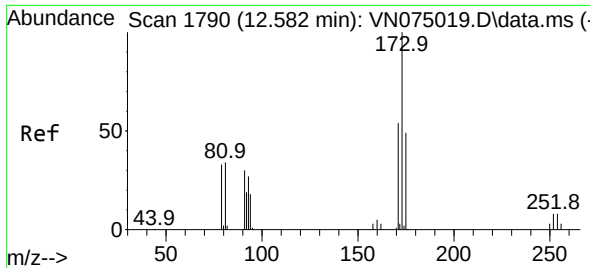
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#70
Styrene
Concen: 53.556 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

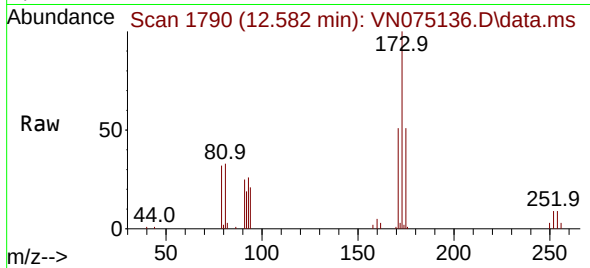
Tgt Ion:104 Resp: 214743
Ion Ratio Lower Upper
104 100
78 47.7 38.1 57.1
103 54.7 44.6 66.8





#71
Bromoform
Concen: 51.792 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

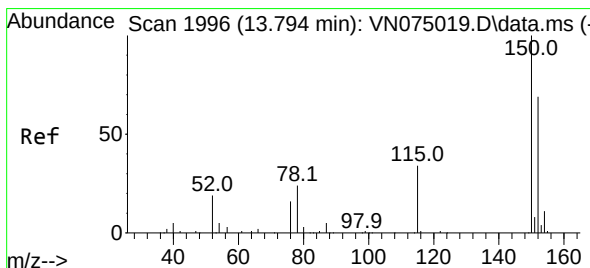
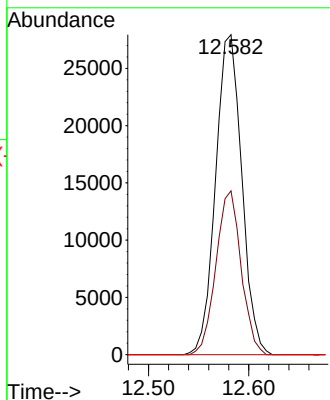
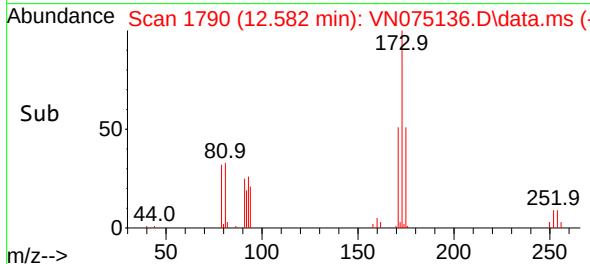
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



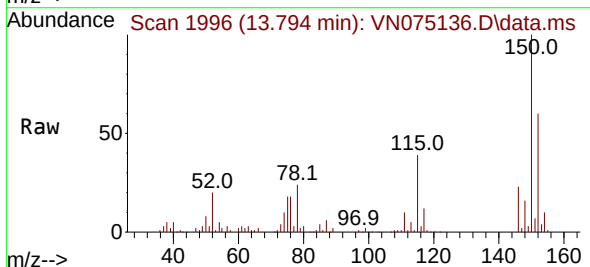
Tgt Ion:173 Resp: 50668
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

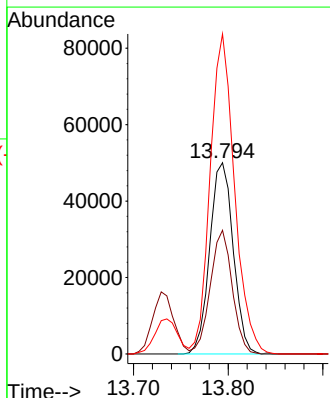
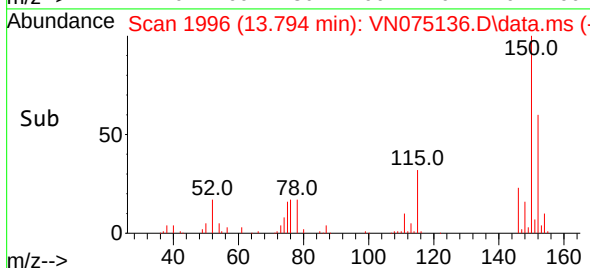
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

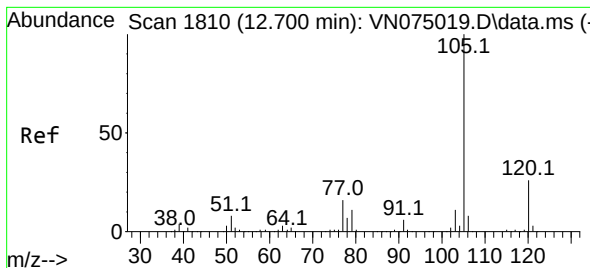


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



Tgt Ion:152 Resp: 86250
Ion Ratio Lower Upper
152 100
115 60.5 30.2 90.6
150 173.4 0.0 348.4





#73

Isopropylbenzene

Concen: 48.435 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 335378

Ion Ratio Lower Upper

105 100

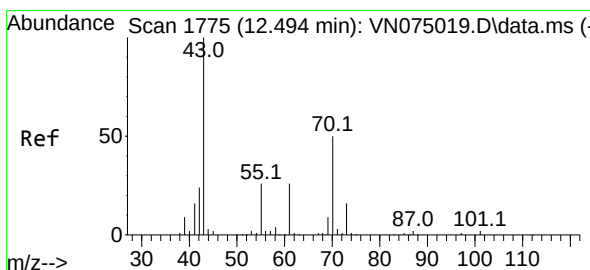
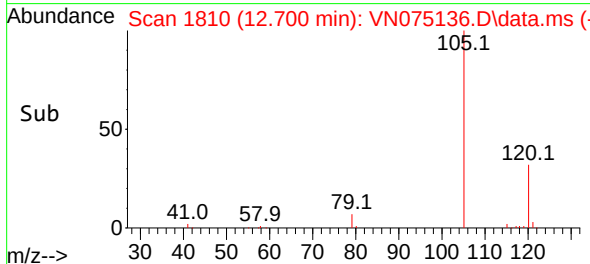
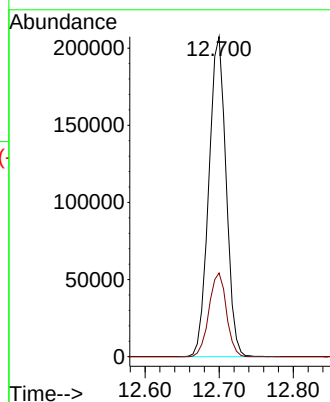
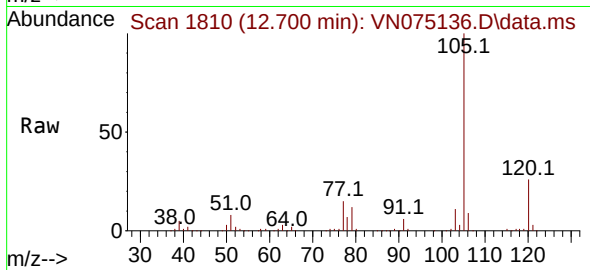
120 26.4 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#74

N-ethyl acetate

Concen: 45.850 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Tgt Ion: 43 Resp: 117421

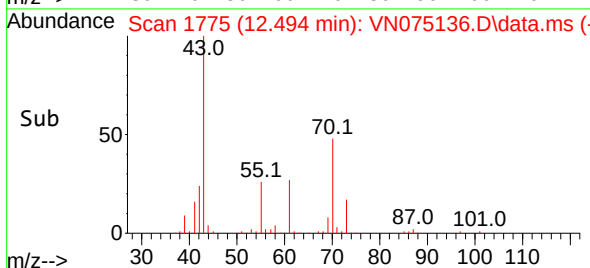
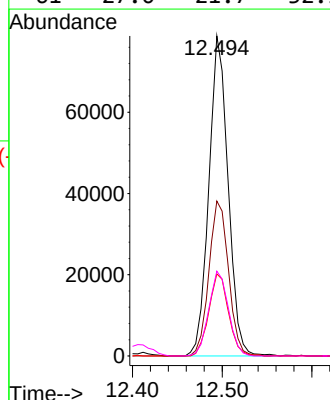
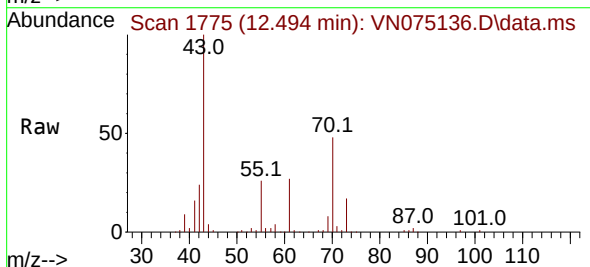
Ion Ratio Lower Upper

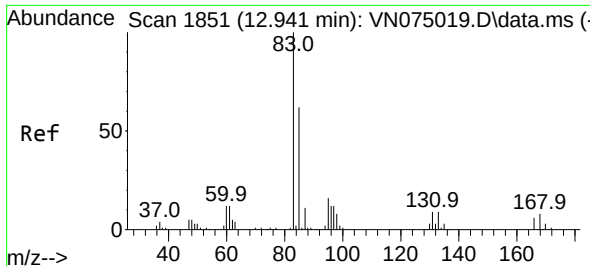
43 100

70 49.3 39.8 59.8

55 26.3 19.9 29.9

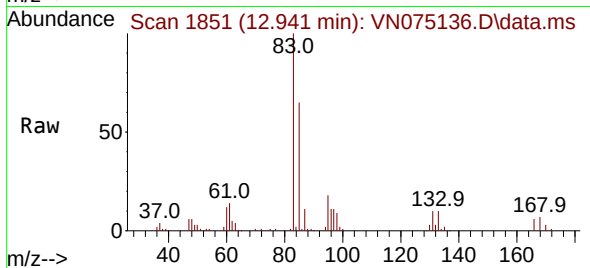
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 53.211 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

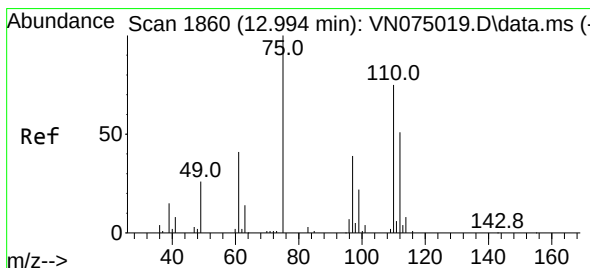
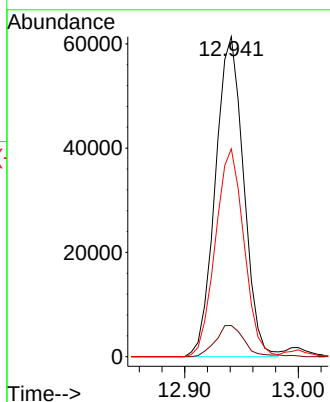
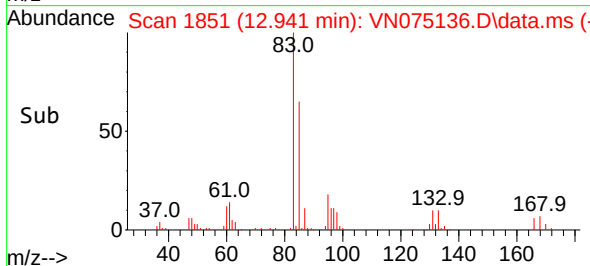
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 106000
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 65.7 31.6 94.7

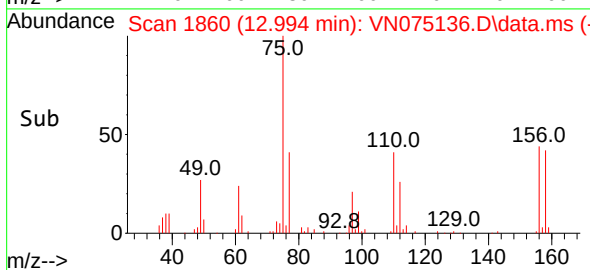
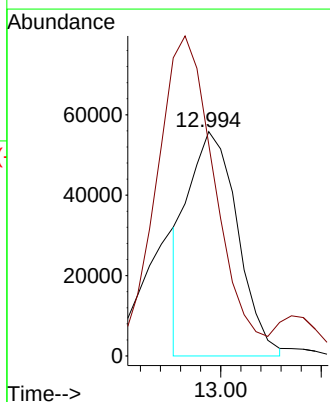
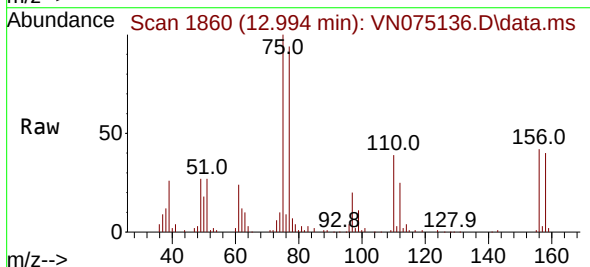
Manual Integrations
APPROVED

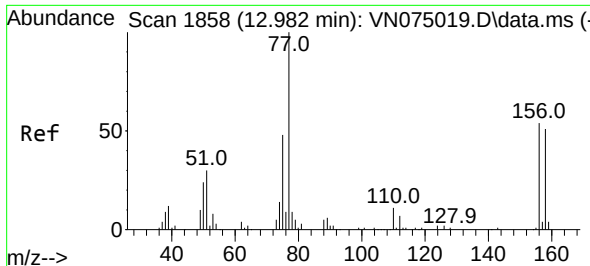
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#76
1,2,3-Trichloropropane
Concen: 52.295 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 75 Resp: 95768
Ion Ratio Lower Upper
75 100
77 169.2 75.6 226.8





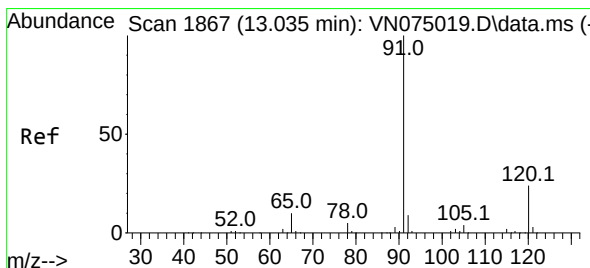
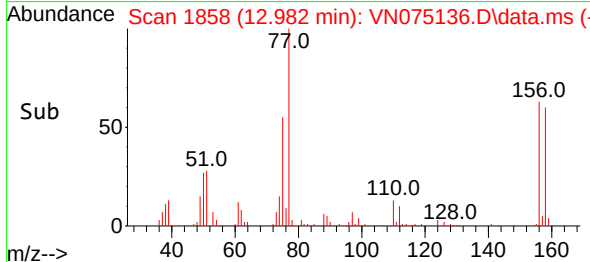
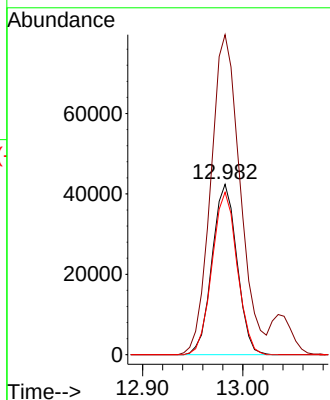
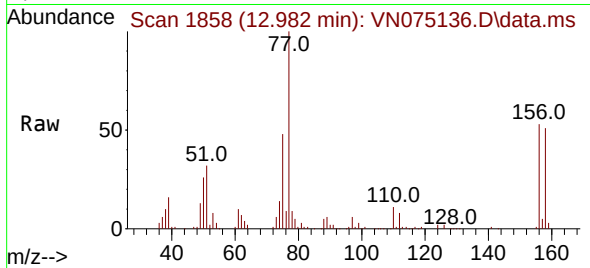
#77
Bromobenzene
Concen: 47.855 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 72963
Ion Ratio Lower Upper
156 100
77 222.1 108.5 325.5
158 96.2 47.7 143.1

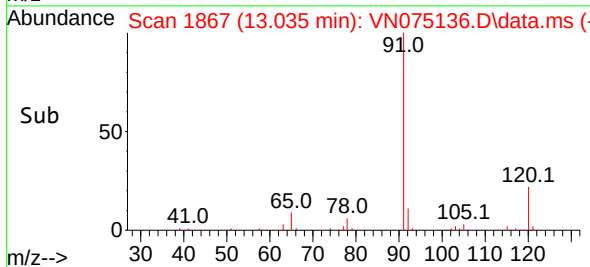
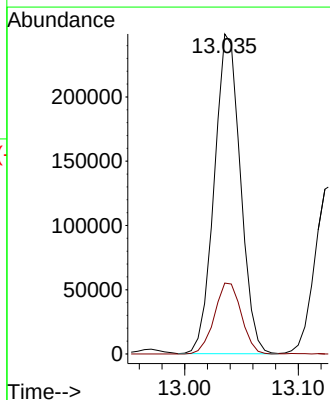
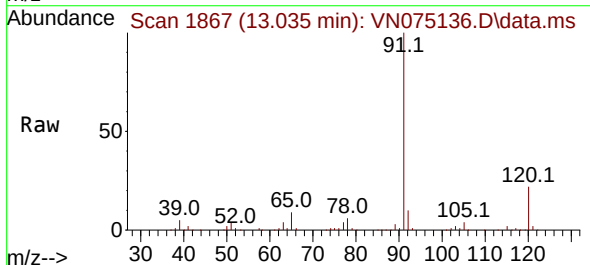
Manual Integrations
APPROVED

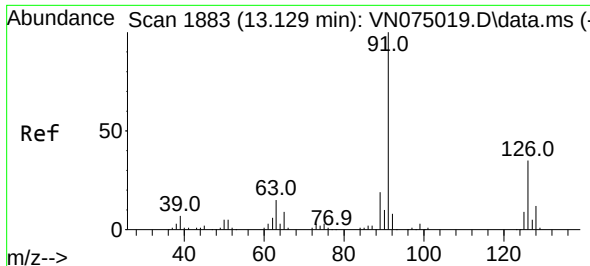
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#78
n-propylbenzene
Concen: 51.155 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Tgt Ion: 91 Resp: 397685
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5





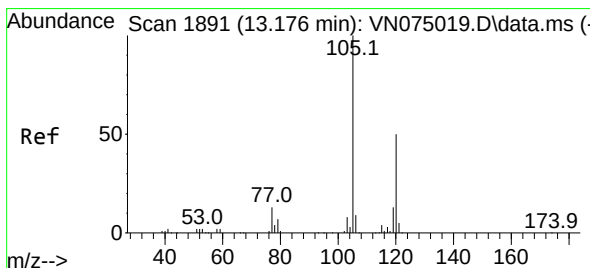
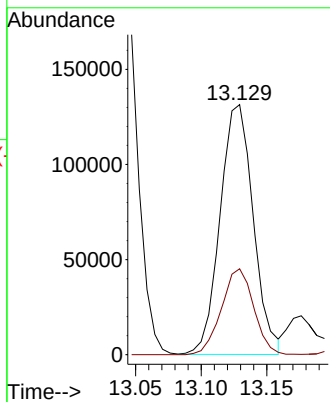
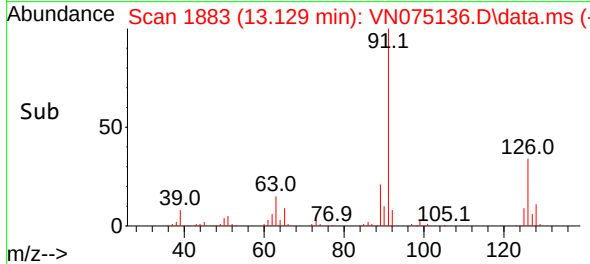
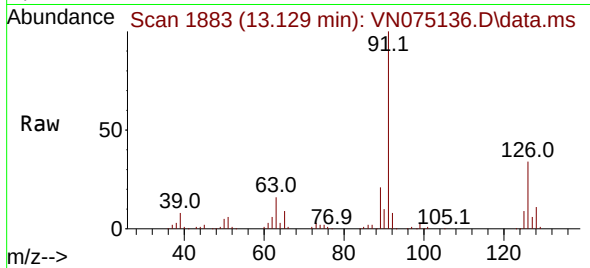
#79
2-Chlorotoluene
Concen: 48.710 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 231400
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.7

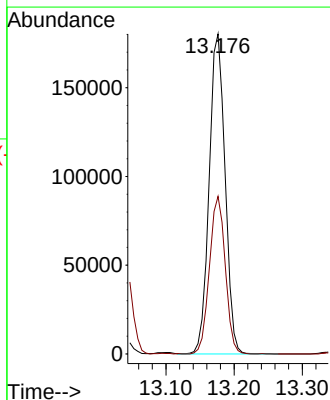
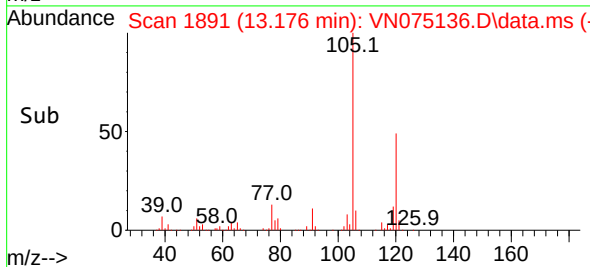
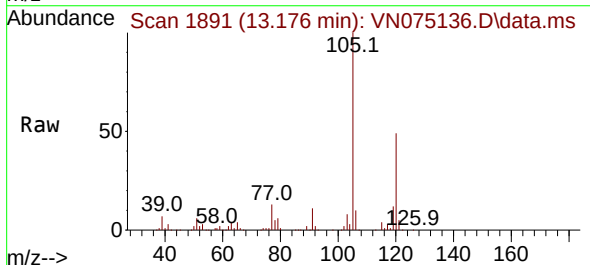
Manual Integrations
APPROVED

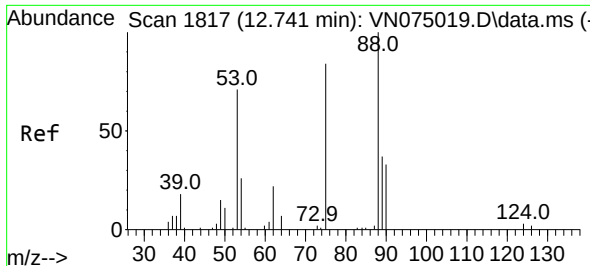
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.400 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

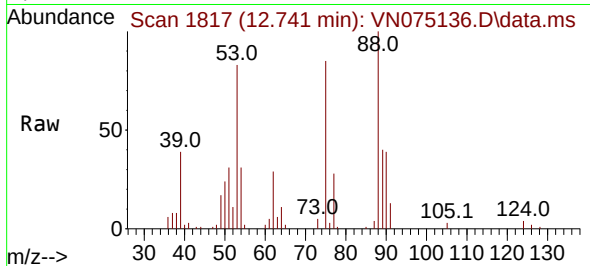
Tgt Ion:105 Resp: 293118
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 52.280 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

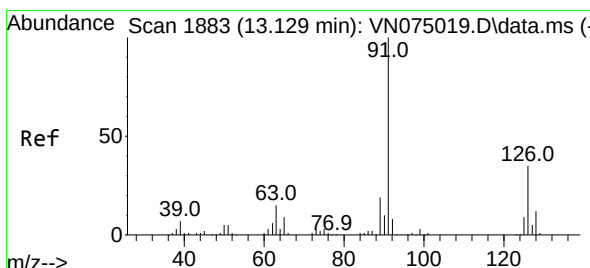
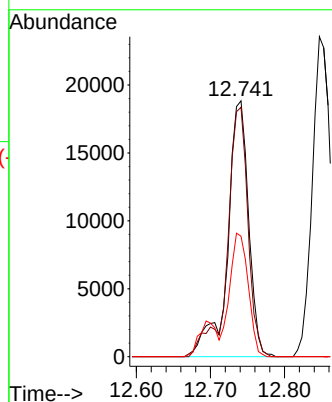
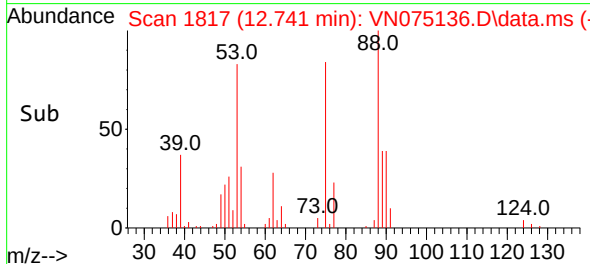
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



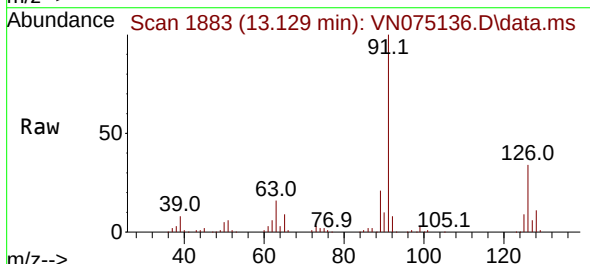
Tgt Ion: 75 Resp: 3729
Ion Ratio Lower Upper
75 100
53 95.0 78.5 117.7
89 42.4 37.7 56.5

Manual Integrations
APPROVED

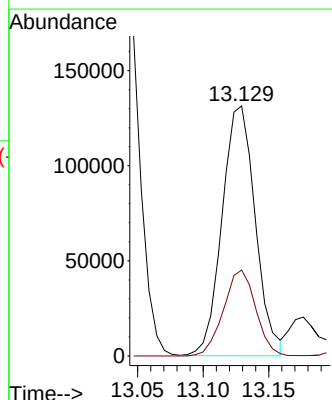
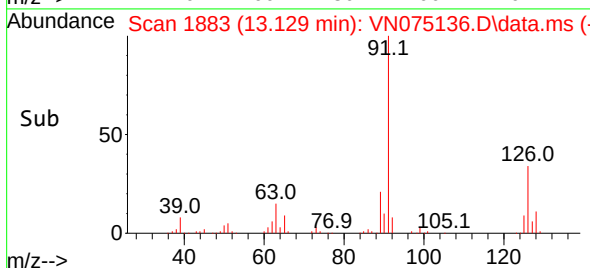
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

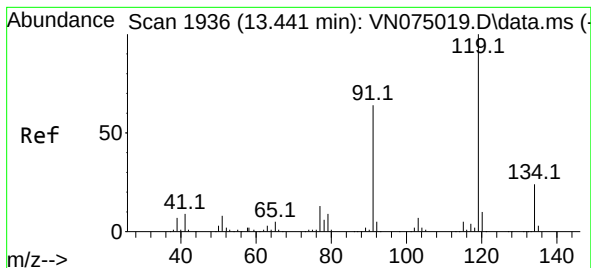


#82
4-Chlorotoluene
Concen: 48.710 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



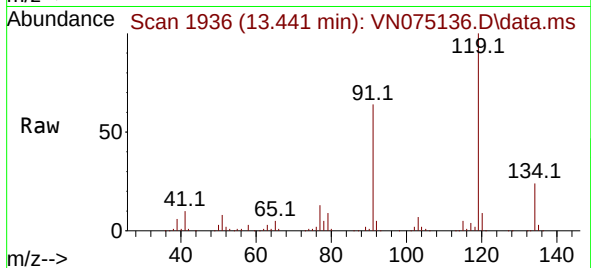
Tgt Ion: 91 Resp: 231400
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.7





#83
tert-Butylbenzene
Concen: 49.163 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

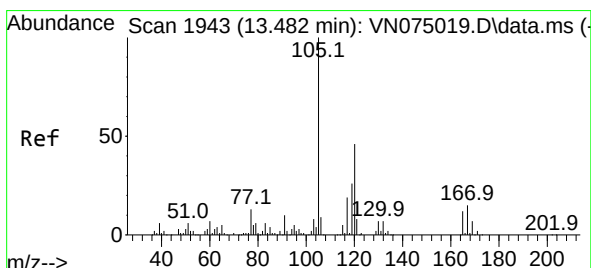
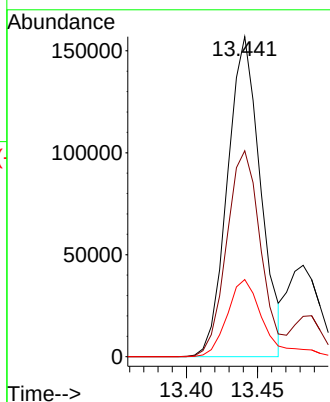
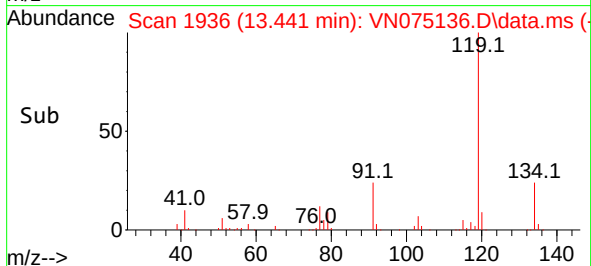
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



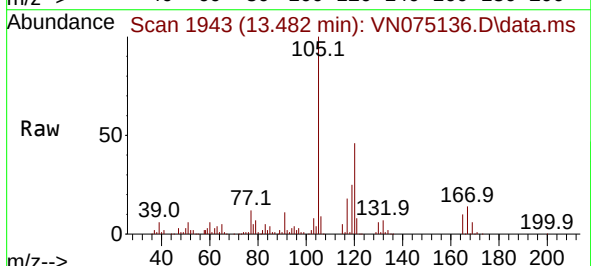
Tgt Ion:119 Resp: 254060
Ion Ratio Lower Upper
119 100
91 67.1 32.8 98.4
134 26.7 12.3 36.9

Manual Integrations
APPROVED

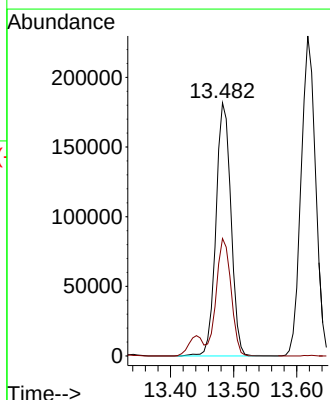
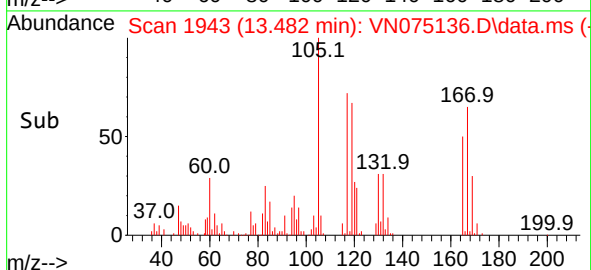
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

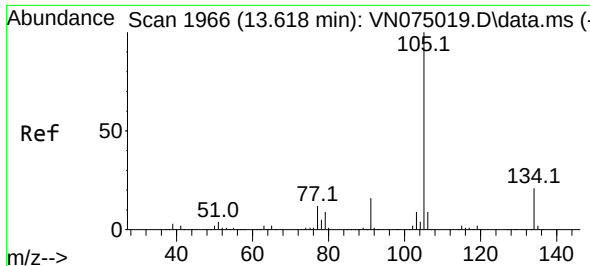


#84
1,2,4-Trimethylbenzene
Concen: 50.827 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



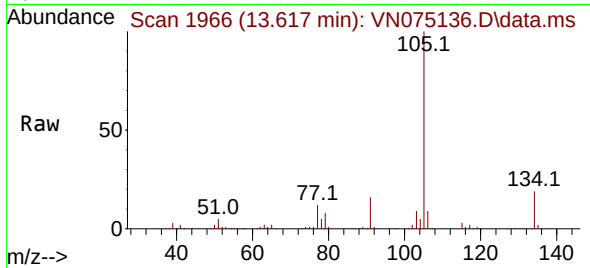
Tgt Ion:105 Resp: 299082
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 50.825 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075136.D
 Acq: 03 Nov 2022 11:40

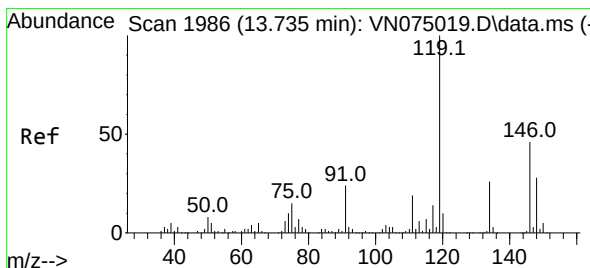
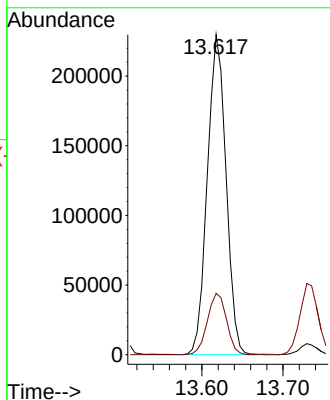
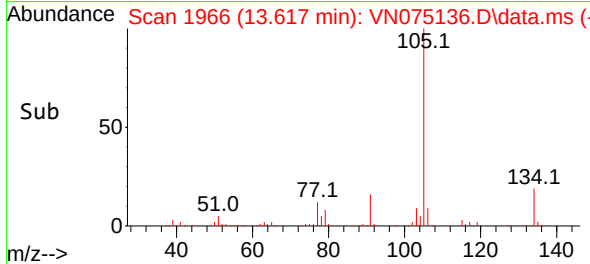
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



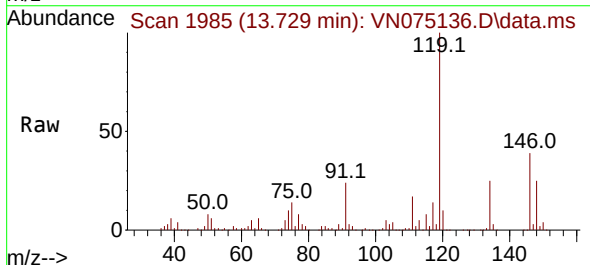
Tgt Ion:105 Resp: 36742
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.6

Manual Integrations
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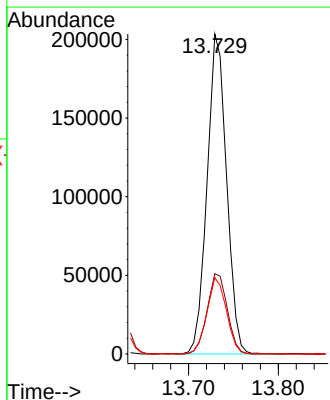
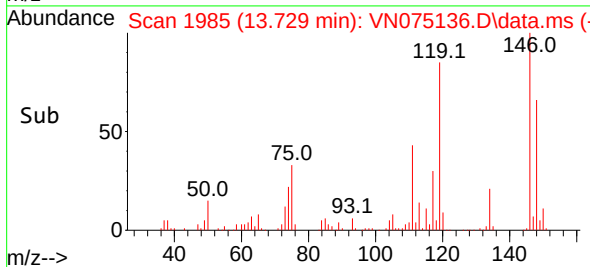
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

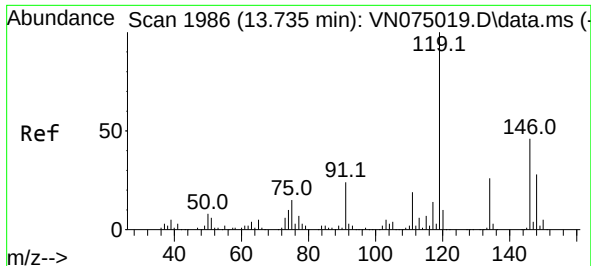


#86
 p-Isopropyltoluene
 Concen: 51.356 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075136.D
 Acq: 03 Nov 2022 11:40



Tgt Ion:119 Resp: 306615
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.715 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 148408

Ion Ratio Lower Upper

146 100

111 42.3 20.8 62.5

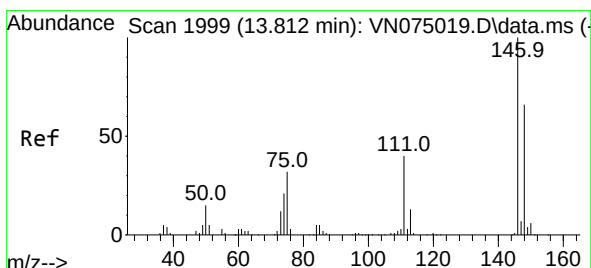
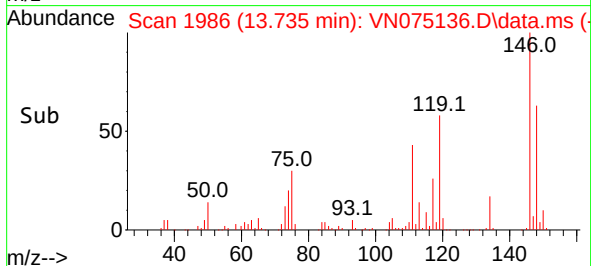
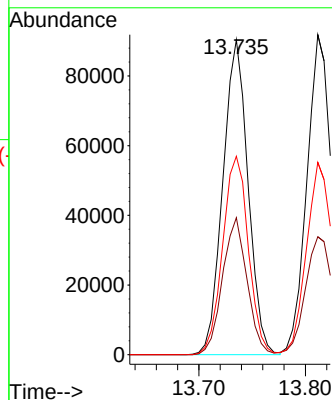
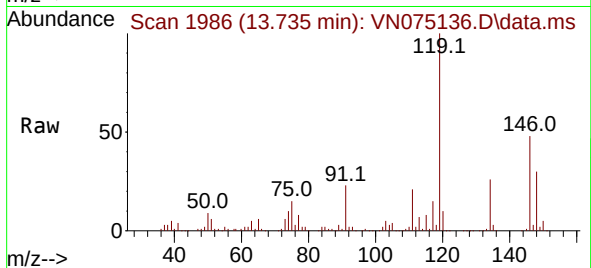
148 64.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#88

1,4-Dichlorobenzene

Concen: 50.491 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

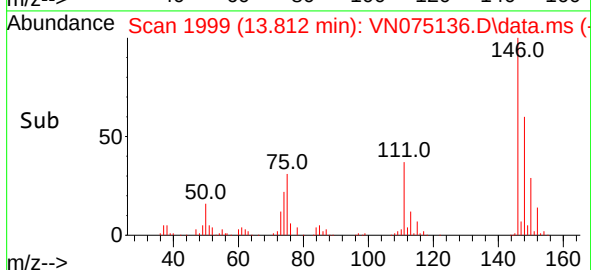
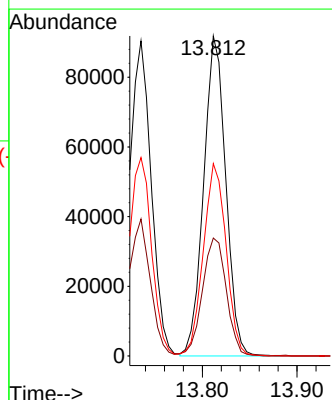
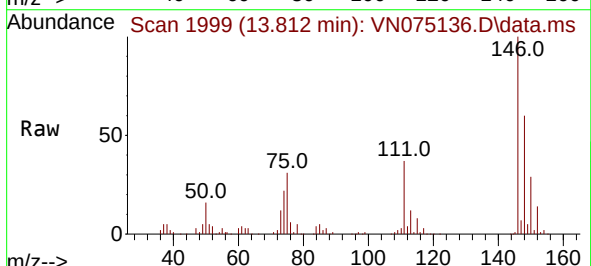
Tgt Ion:146 Resp: 149168

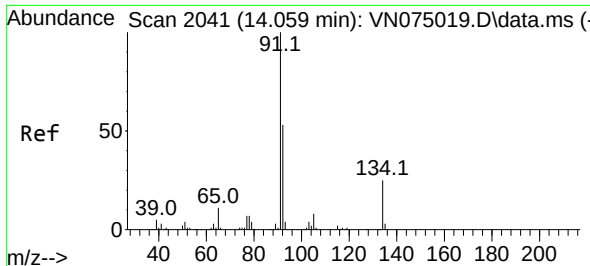
Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.3

148 62.0 31.9 95.7





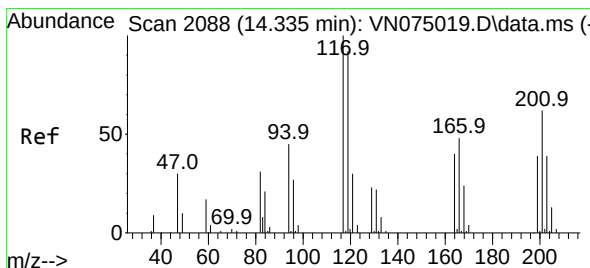
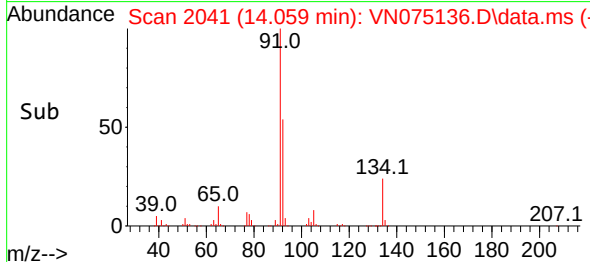
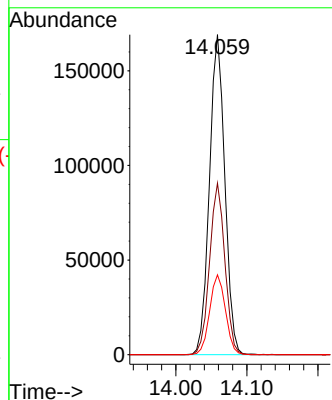
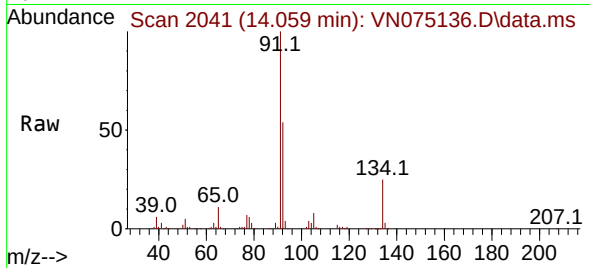
#89
n-Butylbenzene
Concen: 52.920 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 254429
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.4
134 25.6 13.0 39.0

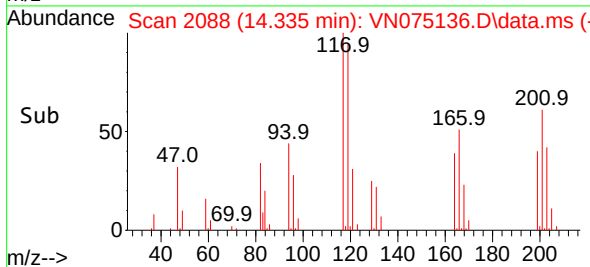
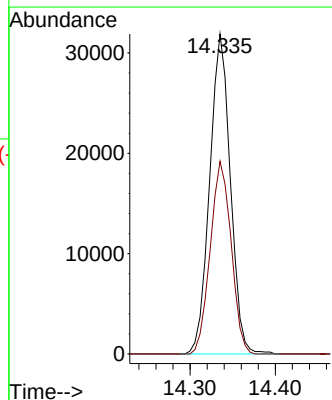
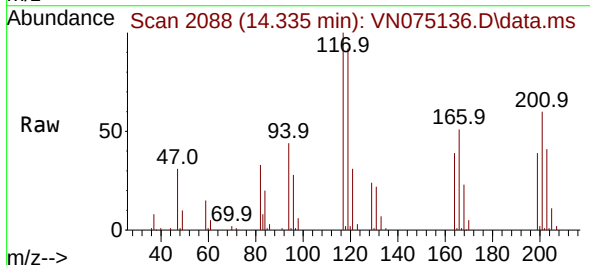
Manual Integrations
APPROVED

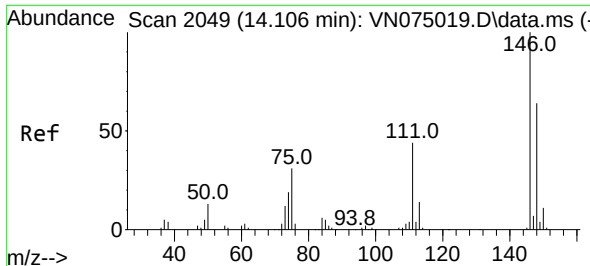
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#90
Hexachloroethane
Concen: 49.122 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

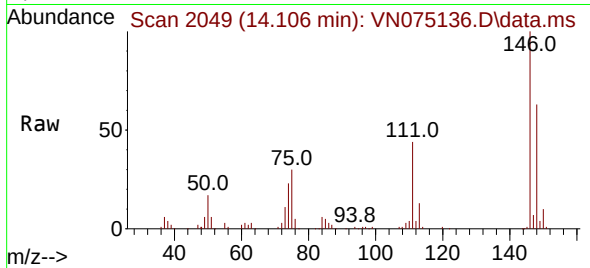
Tgt Ion:117 Resp: 53772
Ion Ratio Lower Upper
117 100
201 60.7 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 49.540 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

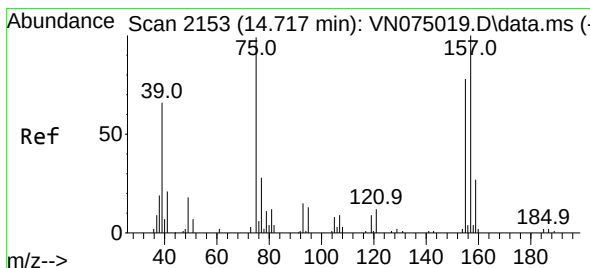
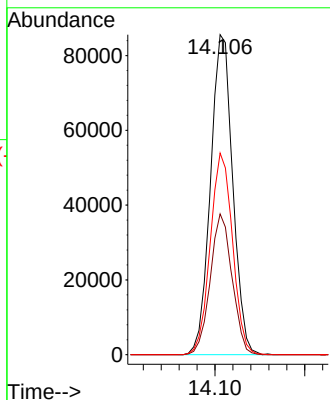
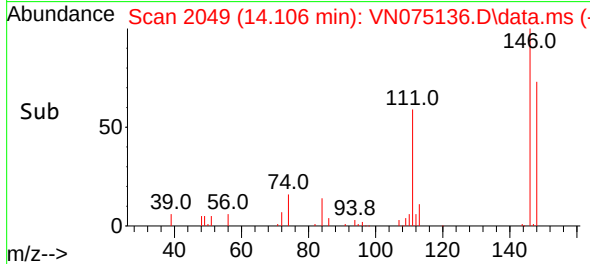
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



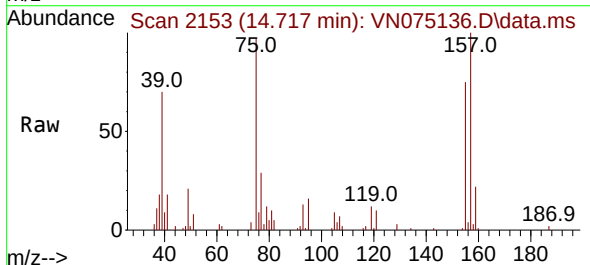
Tgt Ion:146 Resp: 14702
Ion Ratio Lower Upper
146 100
111 43.2 21.3 63.9
148 63.4 31.4 94.2

Manual Integrations
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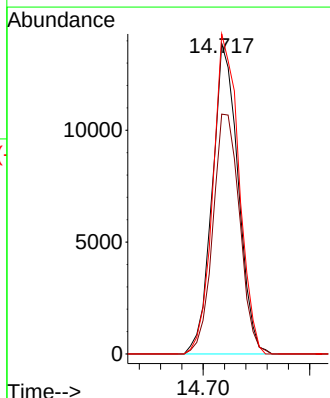
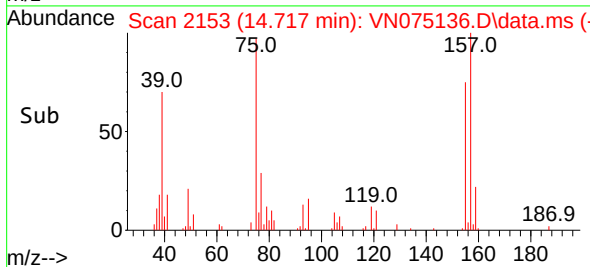
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

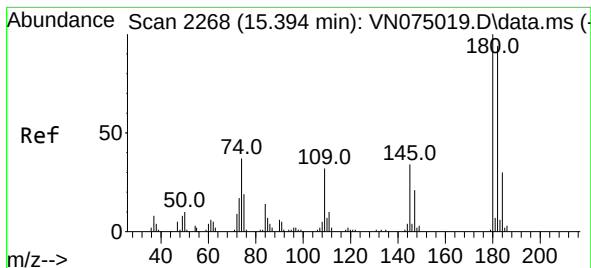


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.025 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



Tgt Ion: 75 Resp: 23365
Ion Ratio Lower Upper
75 100
155 80.0 42.1 126.3
157 103.6 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 52.699 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

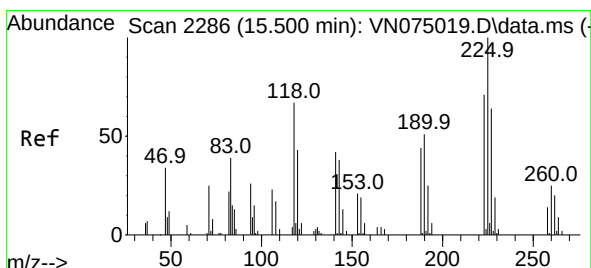
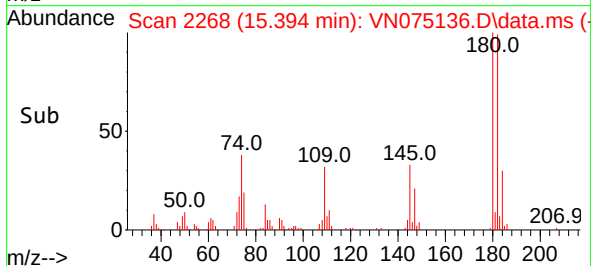
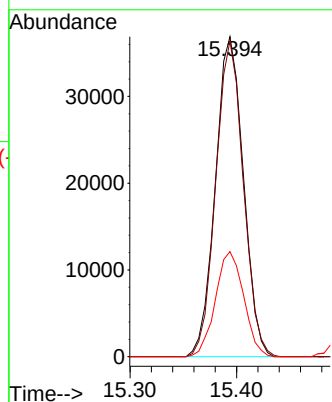
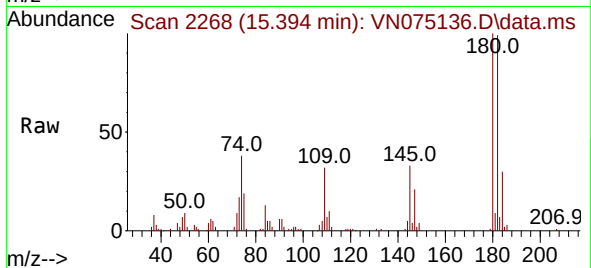
Tgt Ion:180	Resp:	67300
Ion Ratio	Lower	Upper
180	100	
182	96.8	47.8 143.4
145	33.1	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#94

Hexachlorobutadiene

Concen: 50.276 ug/l

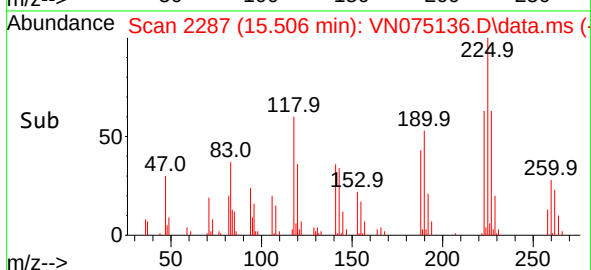
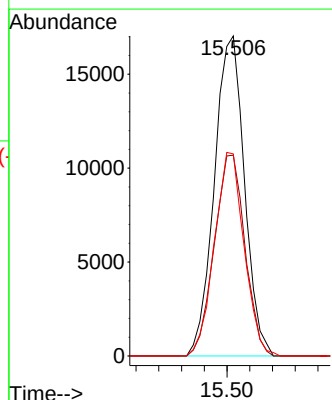
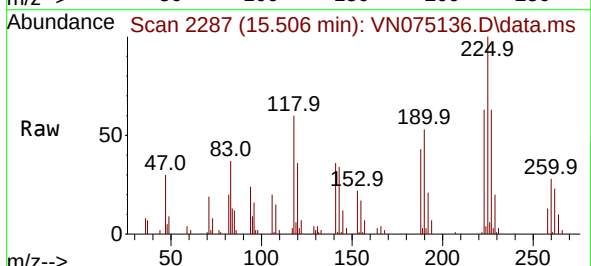
RT: 15.506 min Scan# 2287

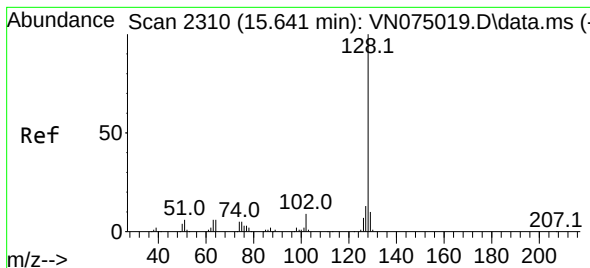
Delta R.T. 0.006 min

Lab File: VN075136.D

Acq: 03 Nov 2022 11:40

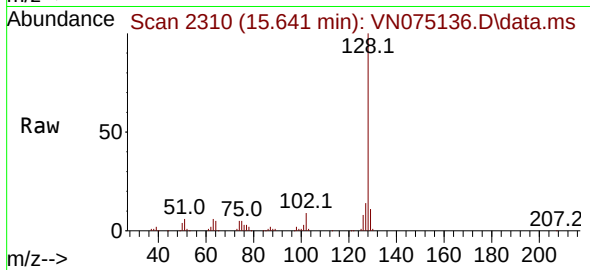
Tgt Ion:225	Resp:	31300
Ion Ratio	Lower	Upper
225	100	
223	63.9	32.3 96.9
227	62.8	32.0 96.2





#95
Naphthalene
Concen: 50.433 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40

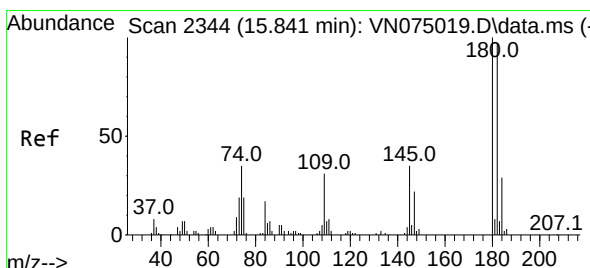
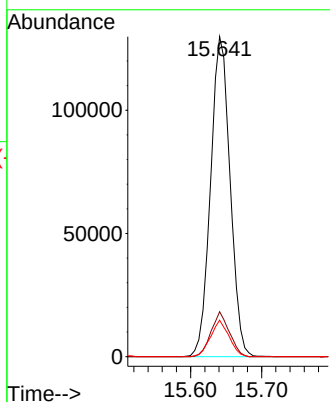
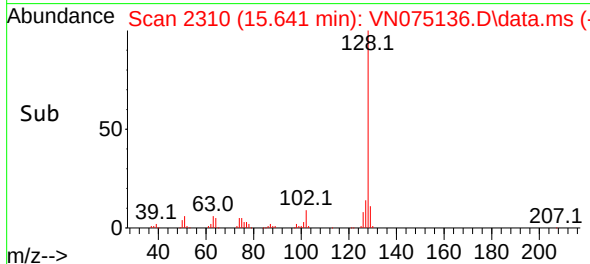
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



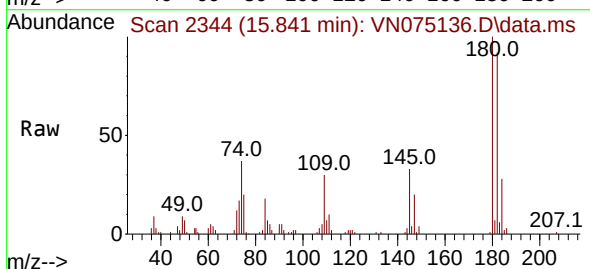
Tgt Ion:128 Resp: 247680
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.796 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075136.D
Acq: 03 Nov 2022 11:40



Tgt Ion:180 Resp: 66992
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 34.1 17.6 52.9

