

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020774.D
 Acq On : 05 Nov 2021 11:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 08 04:47:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	171739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	164722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91846	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33069	20.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.920%
7) Chloroethane-d5	2.879	69	20102	21.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.920%
11) 1,1-Dichloroethene-d2	4.019	63	72513	21.395	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.560%
21) 2-Butanone-d5	7.074	46	28276	52.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.460%
24) Chloroform-d	7.647	84	86572	22.687	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.305	65	48170	23.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.840%
32) Benzene-d6	8.275	84	157605	21.177	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.720%
36) 1,2-Dichloropropane-d6	9.274	67	49892	21.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.600%
41) Toluene-d8	10.323	98	153000	21.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.520%
43) trans-1,3-Dichloroprop...	10.579	79	25089	21.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.800%
47) 2-Hexanone-d5	10.920	63	22859	49.031	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.060%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	46503	24.352	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	64060	22.194	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	19774	28.237	ug/L	96
3) Chloromethane	2.215	50	43742	23.871	ug/L	99
5) Vinyl chloride	2.355	62	60512	22.895	ug/L	98
6) Bromomethane	2.776	94	31575	23.084	ug/L	96
8) Chloroethane	2.916	64	23137	23.807	ug/L	98
9) Trichlorofluoromethane	3.257	101	29468	21.021	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	53347	23.139	ug/L	92
12) 1,1-Dichloroethene	4.038	96	49955	22.736	ug/L	83
13) Acetone	4.117	43	22017	44.681	ug/L	90
14) Carbon disulfide	4.385	76	150366	22.672	ug/L	100
15) Methyl Acetate	4.672	43	24031	25.705	ug/L	95
16) Methylene chloride	4.915	84	52134	20.500	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	54898	23.505	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	81387	24.626	ug/L	96
19) 1,1-Dichloroethane	6.214	63	95480	23.604	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	58535	23.775	ug/L	83
22) 2-Butanone	7.171	43	34514	52.168	ug/L	93
23) Bromochloromethane	7.513	128	28126	24.756	ug/L #	78
25) Chloroform	7.677	83	99082	23.528	ug/L	99

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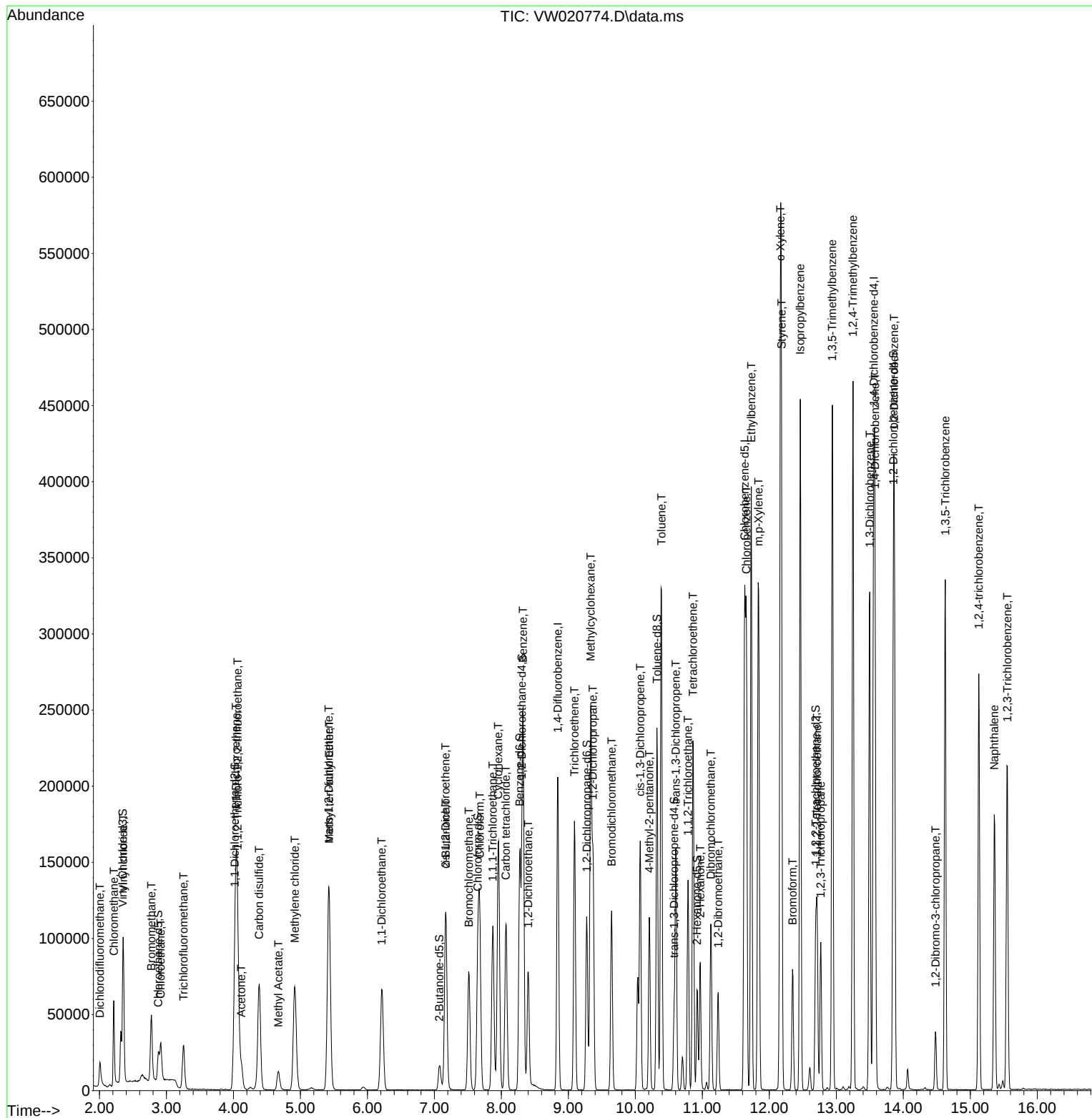
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	67512	24.765	ug/L	99
29) Cyclohexane	7.951	56	92061	21.421	ug/L	91
30) 1,1,1-Trichloroethane	7.872	97	86253	22.034	ug/L	95
31) Carbon tetrachloride	8.067	117	82030	22.021	ug/L	99
33) Benzene	8.323	78	219048	22.204	ug/L	100
34) Trichloroethene	9.092	95	57682	21.966	ug/L	91
35) Methylcyclohexane	9.335	83	101415	22.131	ug/L	91
37) 1,2-Dichloropropane	9.366	63	53480	22.897	ug/L	98
38) Bromodichloromethane	9.646	83	76319	23.342	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	89677	23.592	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	74396	48.736	ug/L #	96
42) Toluene	10.390	91	242030	22.815	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	80045	23.280	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	41865	24.152	ug/L	96
46) Tetrachloroethene	10.859	164	51789	21.988	ug/L	97
48) 2-Hexanone	10.969	43	54483	48.879	ug/L	97
49) Dibromochloromethane	11.128	129	55555	23.469	ug/L	99
50) 1,2-Dibromoethane	11.237	107	41772	23.767	ug/L #	96
51) Chlorobenzene	11.658	112	156007	22.800	ug/L	97
52) Ethylbenzene	11.731	91	271662	22.856	ug/L	99
53) m,p-Xylene	11.841	106	110039	23.107	ug/L	88
54) o-Xylene	12.164	106	103370	22.915	ug/L	97
55) Styrene	12.182	104	179507	23.407	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	51108	25.157	ug/L #	96
59) Bromoform	12.347	173	36088	23.230	ug/L	99
60) Isopropylbenzene	12.463	105	283956	22.431	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	36593	24.109	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	245811	22.597	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	243279	22.513	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	133160	22.687	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	136591	23.362	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	120914	23.321	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	9319	25.116	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	101353	21.755	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	86793	22.348	ug/L	95
71) Naphthalene	15.359	128	157757	24.031	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	74575	22.596	ug/L	97

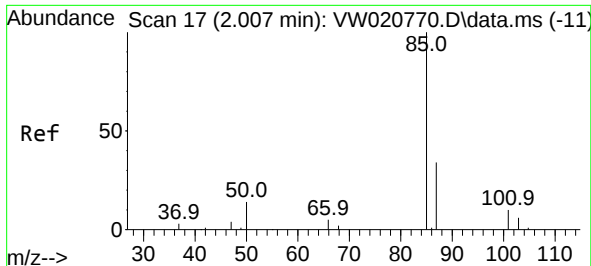
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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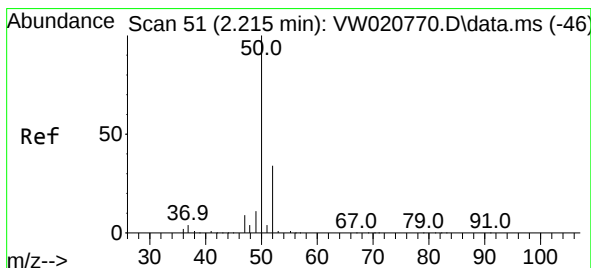
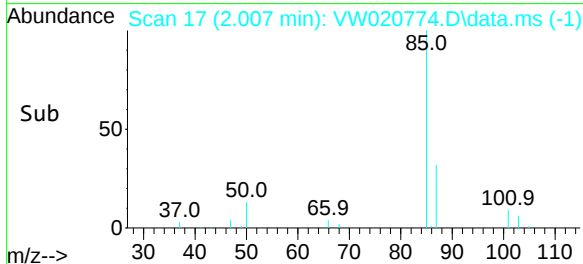
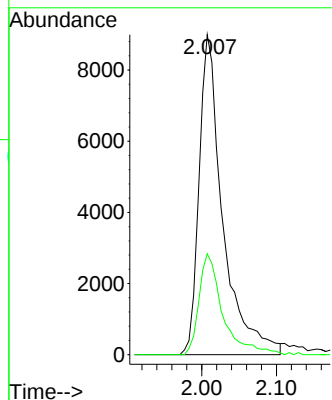
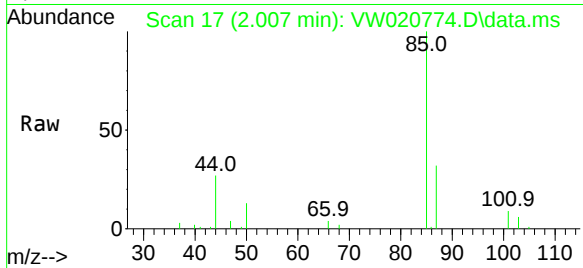




#2
 Dichlorodifluoromethane
 Concen: 28.237 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020774.D
 Acq: 05 Nov 2021 11:44

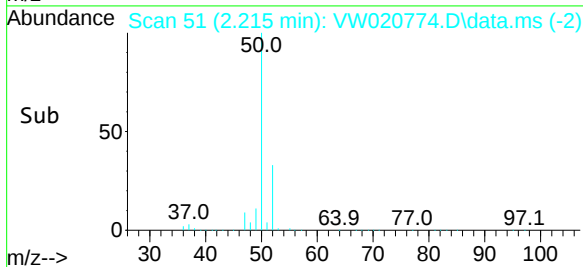
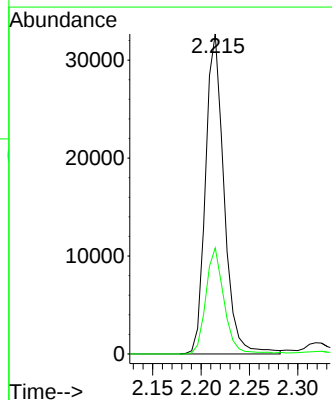
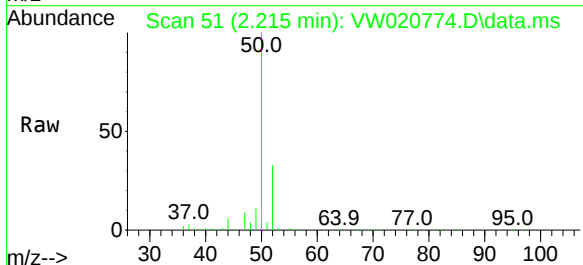
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 ClientSampleId :

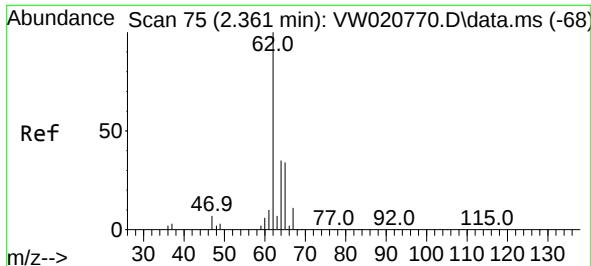
Tgt Ion: 85 Resp: 19774
 Ion Ratio Lower Upper
 85 100
 87 29.7 25.8 38.6



#3
 Chloromethane
 Concen: 23.871 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020774.D
 Acq: 05 Nov 2021 11:44

Tgt Ion: 50 Resp: 43742
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.6

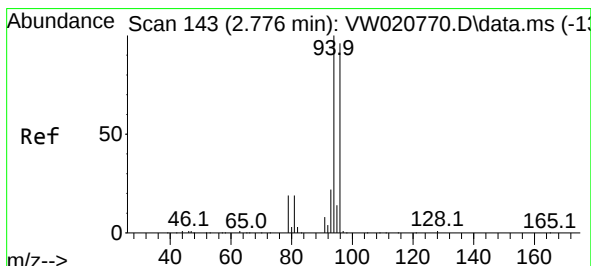
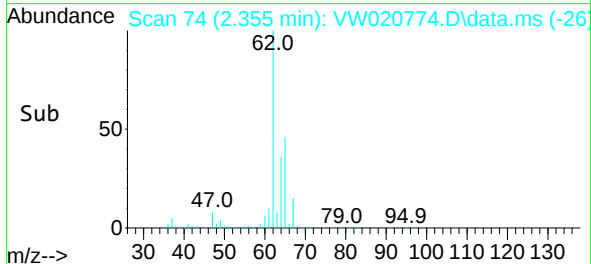
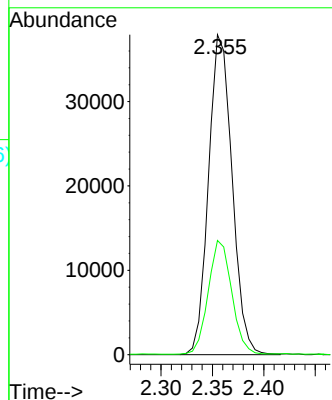
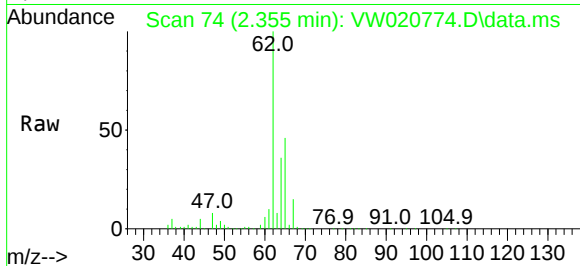




#5
 Vinyl chloride
 Concen: 22.895 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020774.D
 Acq: 05 Nov 2021 11:44

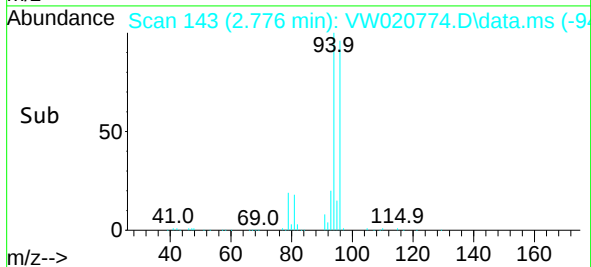
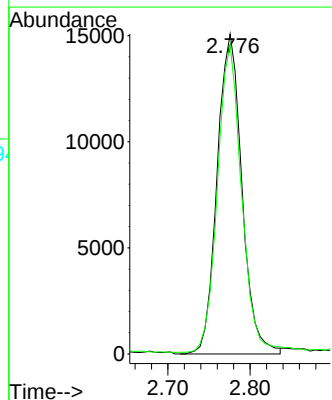
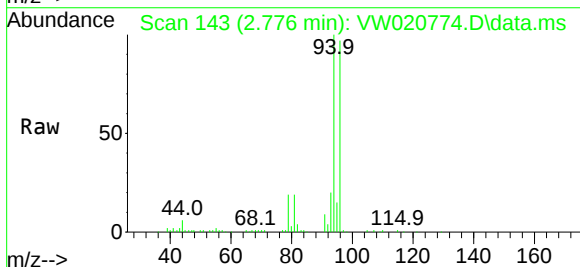
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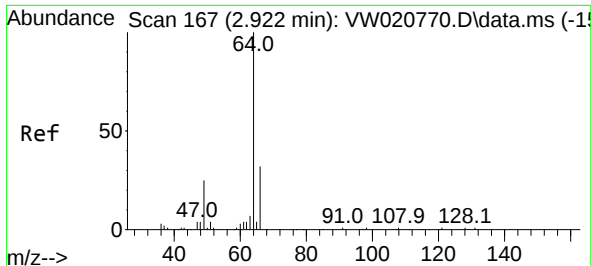
Tgt Ion: 62 Resp: 60512
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.4 45.2



#6
 Bromomethane
 Concen: 23.084 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW020774.D
 Acq: 05 Nov 2021 11:44

Tgt Ion: 94 Resp: 31575
 Ion Ratio Lower Upper
 94 100
 96 96.6 64.8 120.4

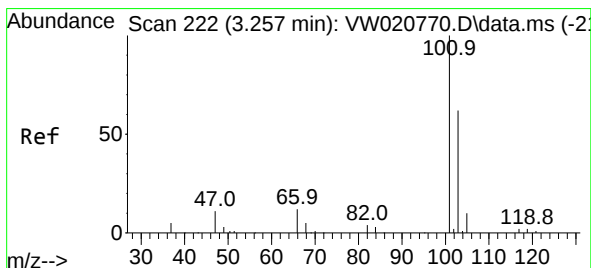
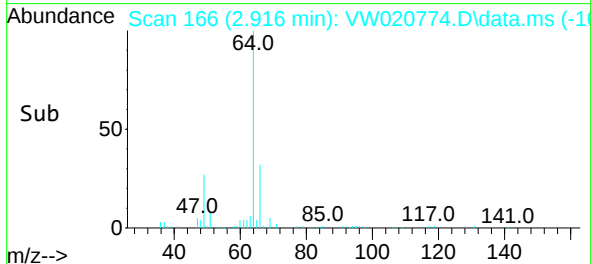
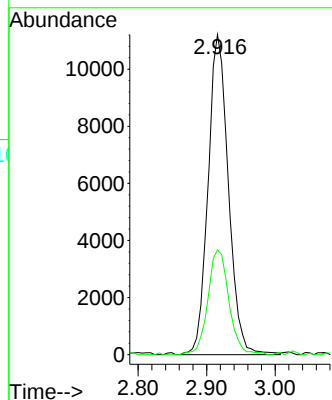
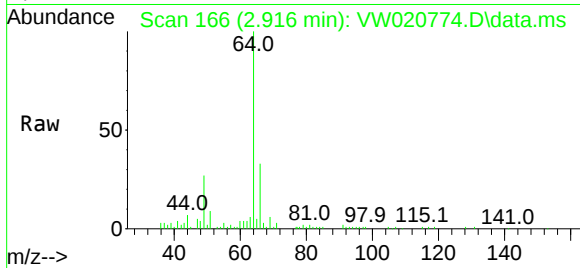




#8
Chloroethane
Concen: 23.807 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

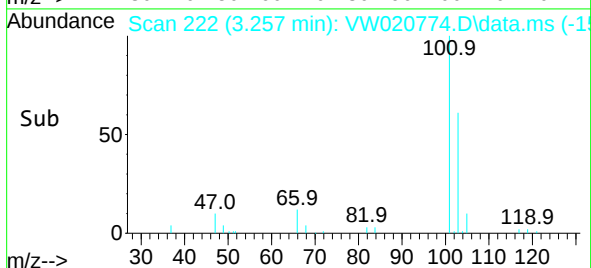
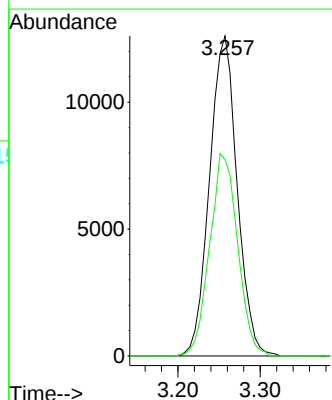
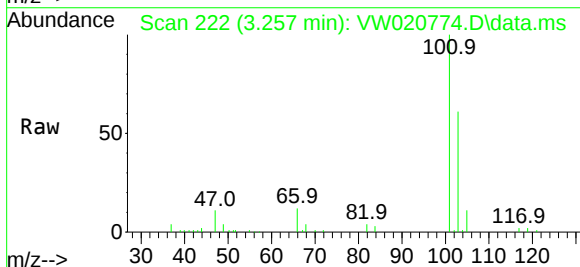
Instrument :
MSVOA_W
ClientSampleId :

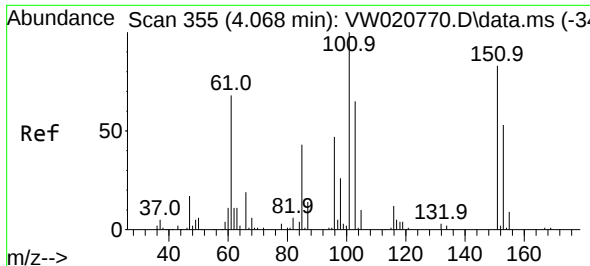
Tgt Ion: 64 Resp: 23137
Ion Ratio Lower Upper
64 100
66 32.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.021 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion: 101 Resp: 29468
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

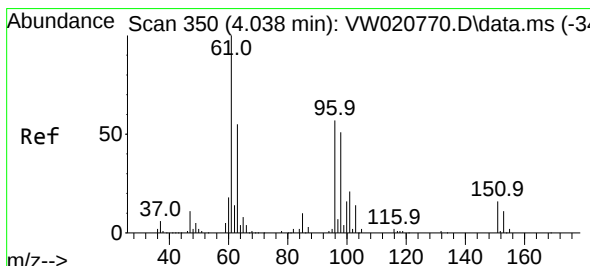
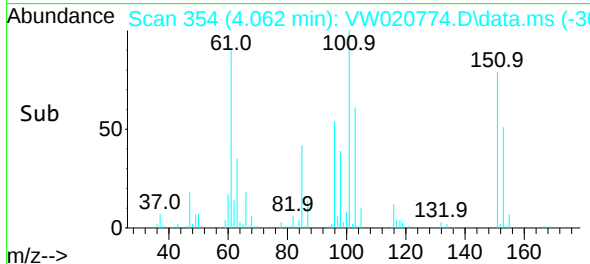
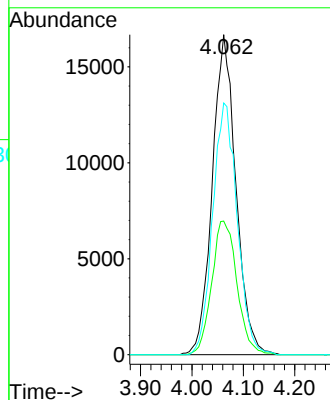
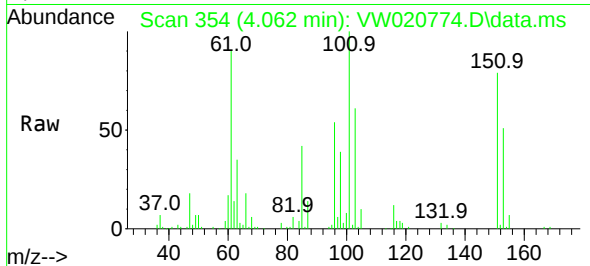




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.139 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW020774.D
 Acq: 05 Nov 2021 11:44

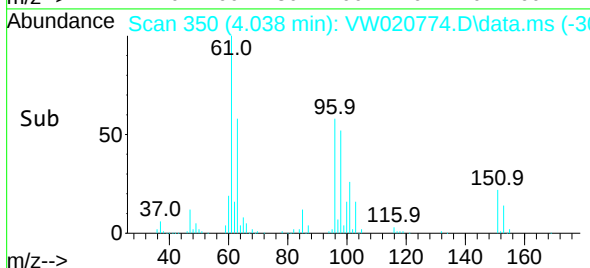
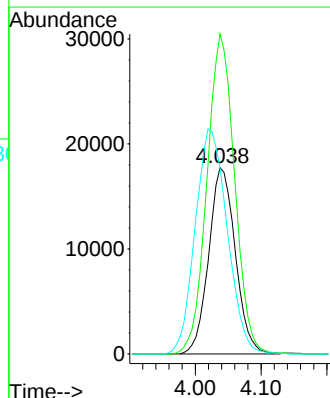
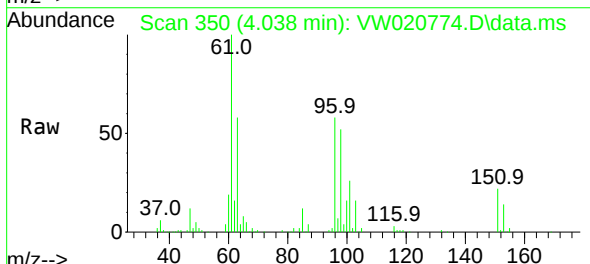
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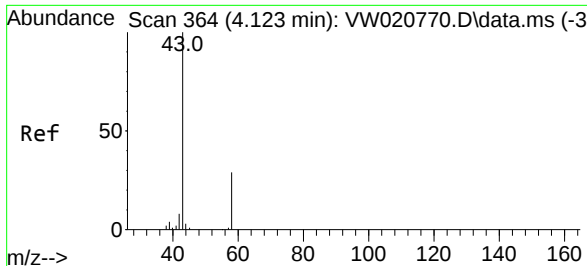
Tgt Ion:101 Resp: 53347
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.6 54.8
 151 81.7 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.736 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020774.D
 Acq: 05 Nov 2021 11:44

Tgt Ion: 96 Resp: 49955
 Ion Ratio Lower Upper
 96 100
 61 171.9 138.3 256.9
 63 99.8 82.6 153.4

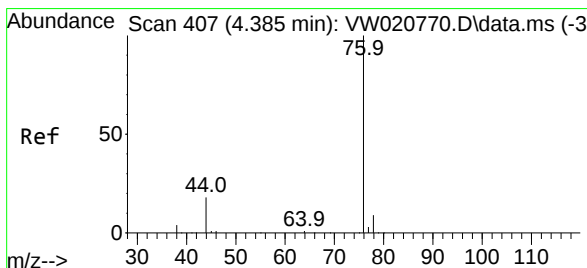
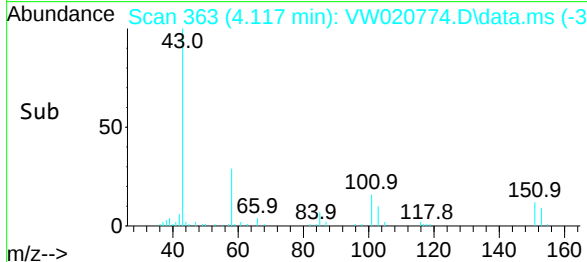
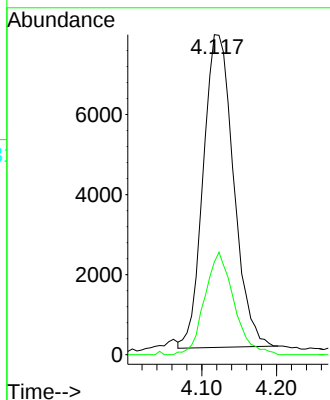
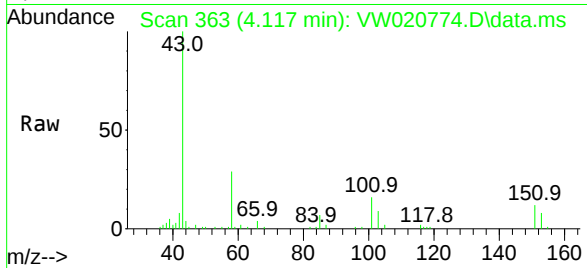




#13
Acetone
Concen: 44.681 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

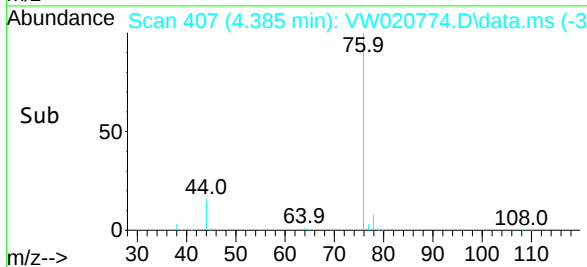
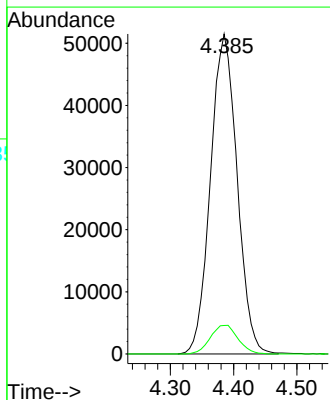
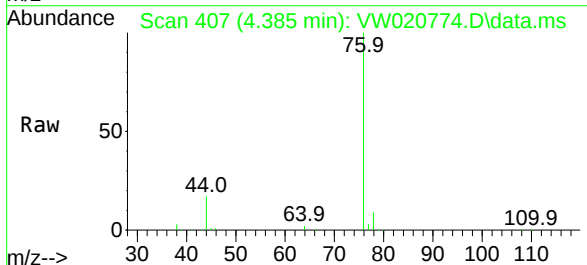
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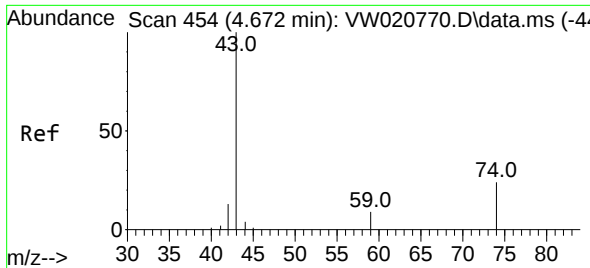
Tgt Ion: 43 Resp: 22017
Ion Ratio Lower Upper
43 100
58 31.5 0.0 52.8



#14
Carbon disulfide
Concen: 22.672 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 150366
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

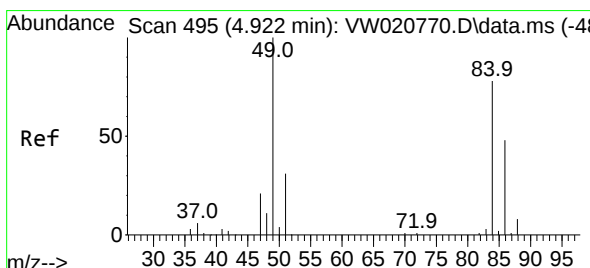
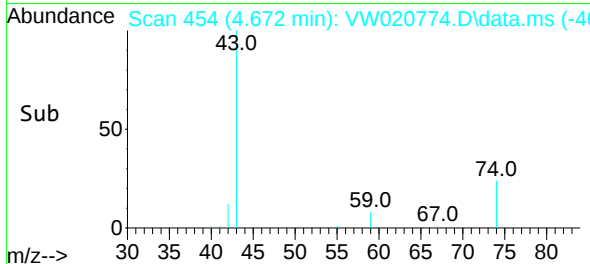
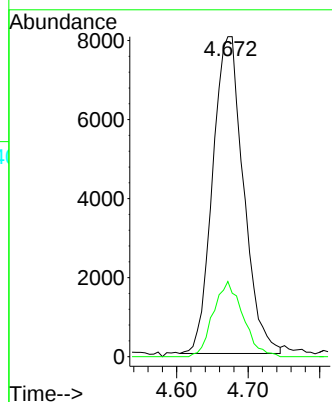
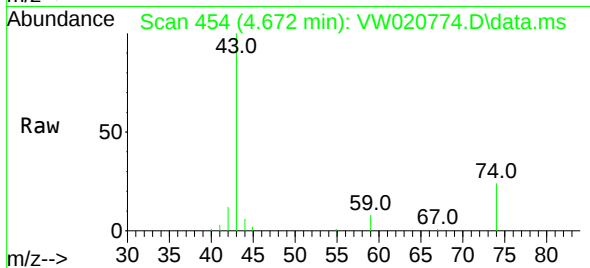




#15
Methyl Acetate
Concen: 25.705 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

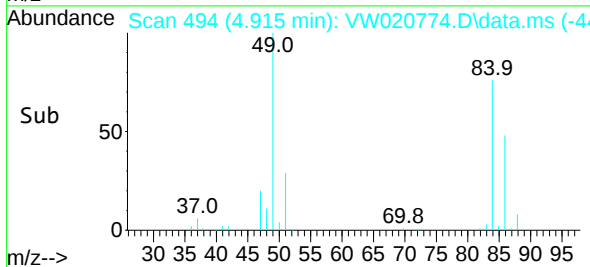
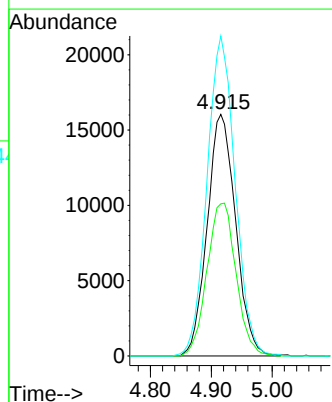
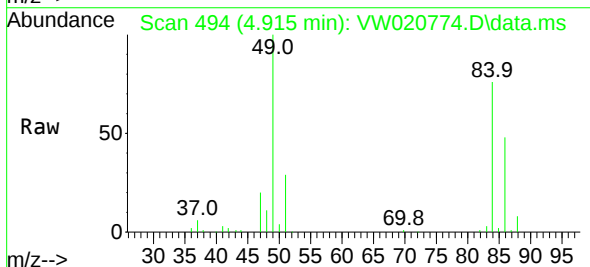
Instrument :
MSVOA_W
ClientSampleId :

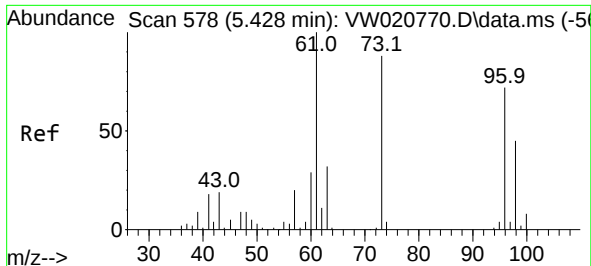
Tgt Ion: 43 Resp: 24031
Ion Ratio Lower Upper
43 100
74 22.9 16.4 24.6



#16
Methylene chloride
Concen: 20.500 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion: 84 Resp: 52134
Ion Ratio Lower Upper
84 100
86 63.0 45.5 84.5
49 132.4 100.5 186.7

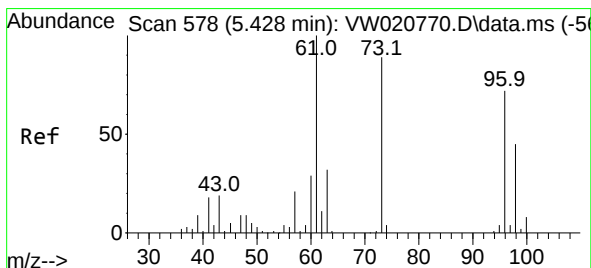
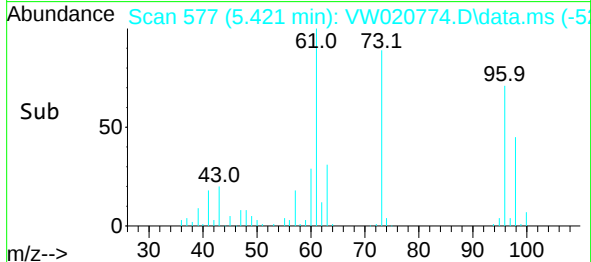
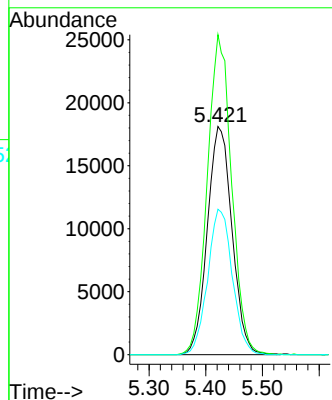
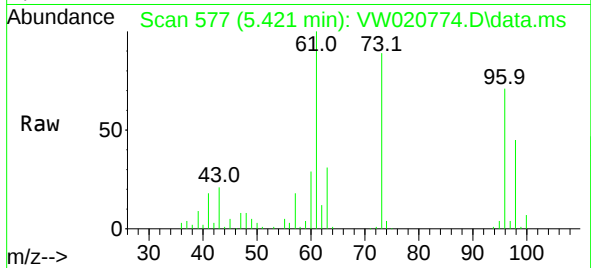




#17
trans-1,2-Dichloroethene
Concen: 23.505 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.007 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

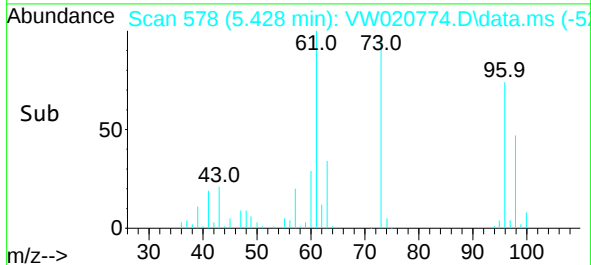
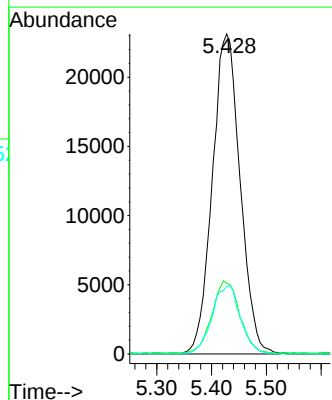
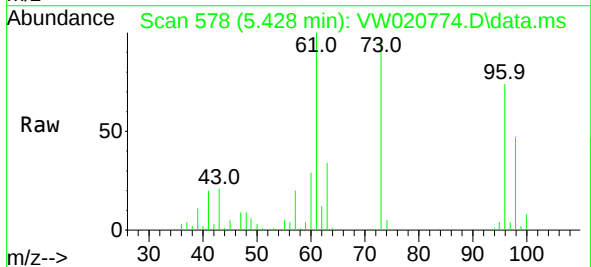
Instrument :
MSVOA_W
ClientSampleId :

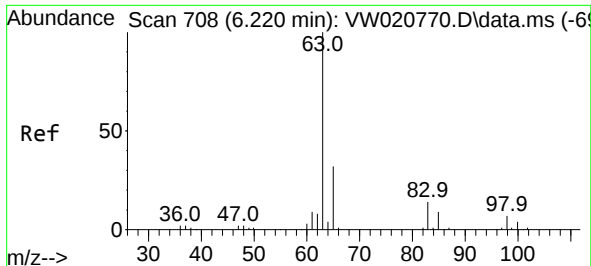
Tgt Ion: 96 Resp: 54898
Ion Ratio Lower Upper
96 100
61 140.2 107.4 199.4
98 63.7 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.626 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion: 73 Resp: 81387
Ion Ratio Lower Upper
73 100
43 22.3 19.5 29.3
57 21.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.604 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW020774.D

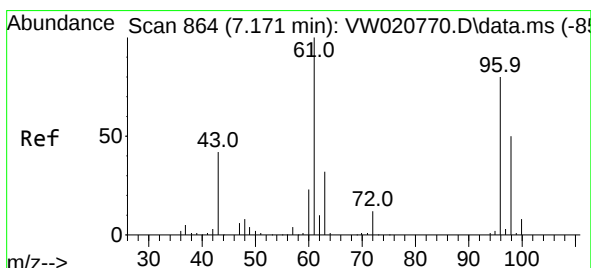
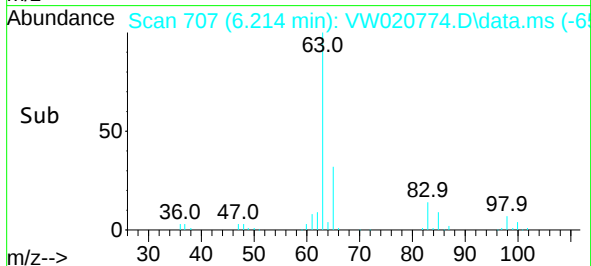
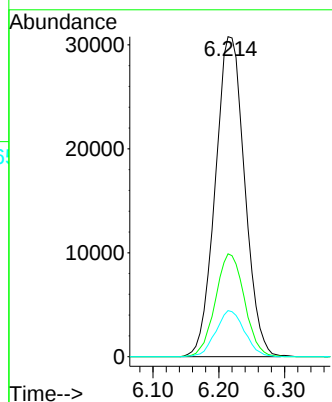
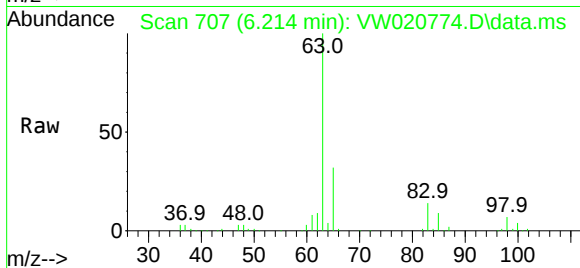
Acq: 05 Nov 2021 11:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	95480
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.1	41.1
83	14.4	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 23.775 ug/L

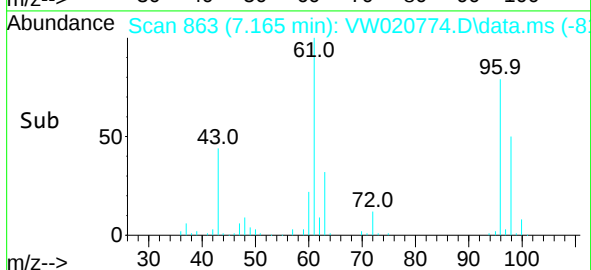
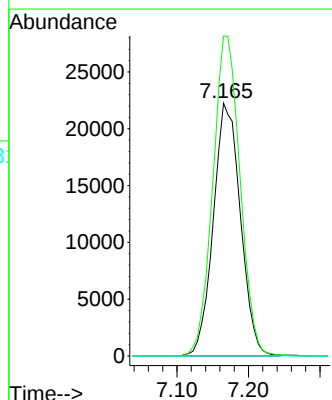
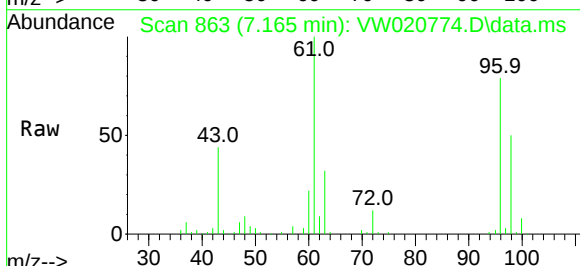
RT: 7.165 min Scan# 863

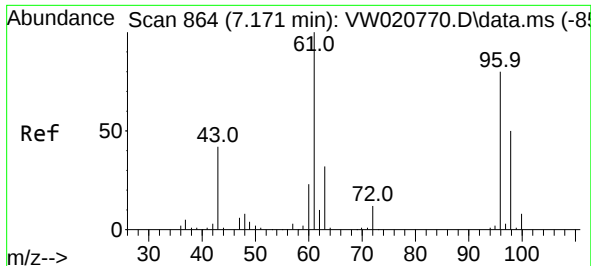
Delta R.T. -0.006 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Tgt Ion:	96	Resp:	58535
Ion	Ratio	Lower	Upper
96	100		
61	126.6	103.7	192.7
68	0.0	0.0	0.0

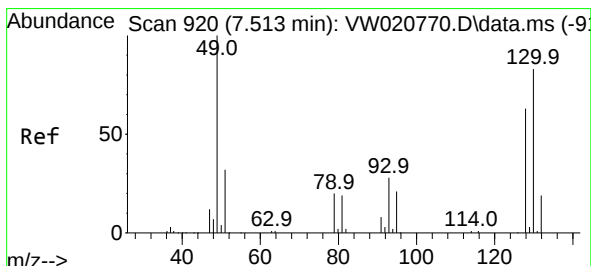
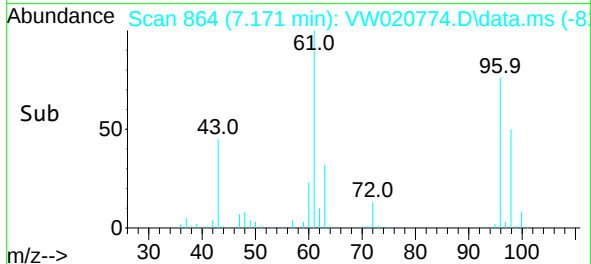
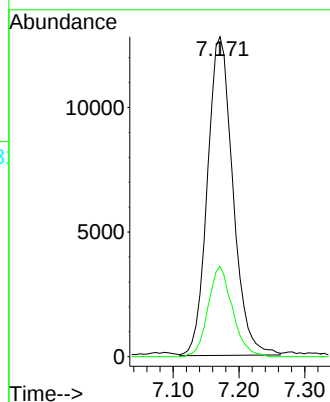
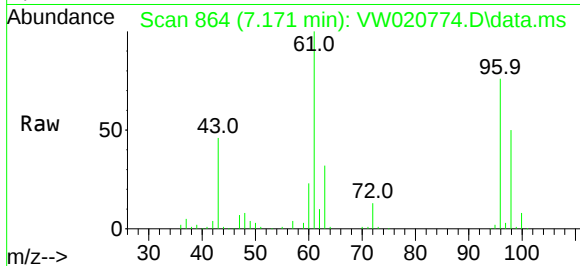




#22
2-Butanone
Concen: 52.168 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

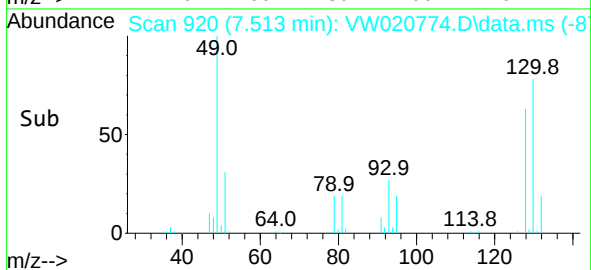
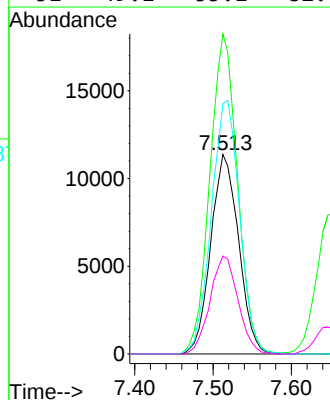
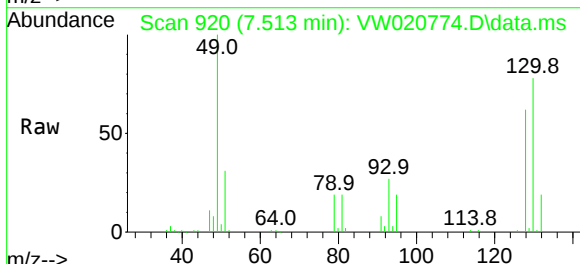
Instrument :
MSVOA_W
ClientSampleId :

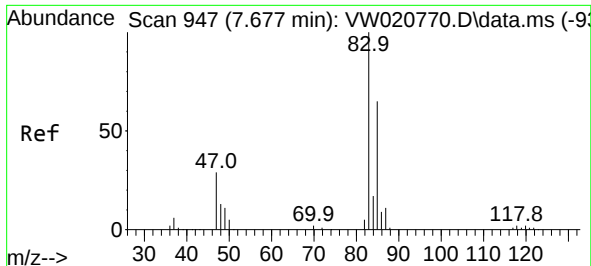
Tgt Ion: 43 Resp: 34514
Ion Ratio Lower Upper
43 100
72 27.1 11.8 35.4



#23
Bromochloromethane
Concen: 24.756 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion: 128 Resp: 28126
Ion Ratio Lower Upper
128 100
49 160.4 150.3 279.1
130 125.4 88.3 163.9
51 49.1 55.1 82.7#

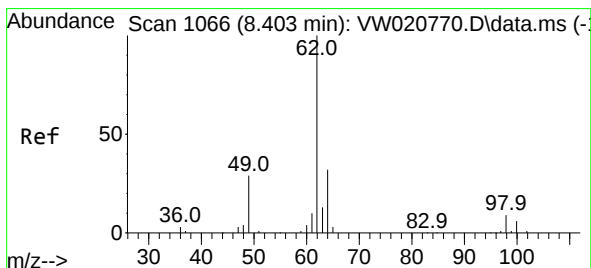
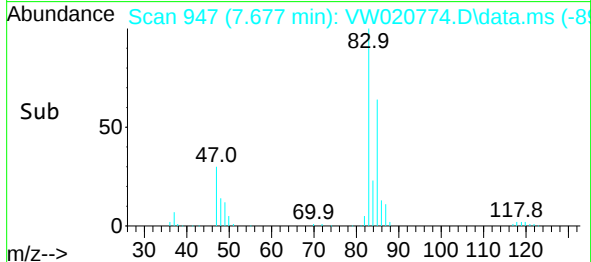
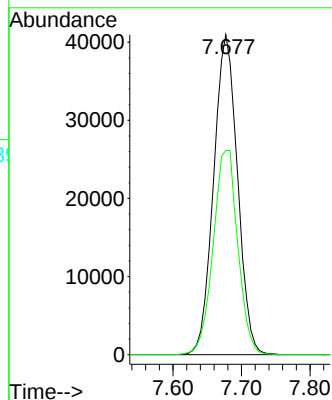
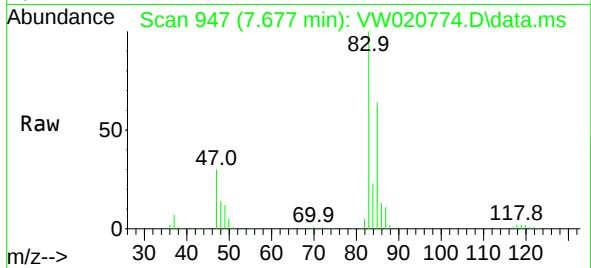




#25
Chloroform
Concen: 23.528 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

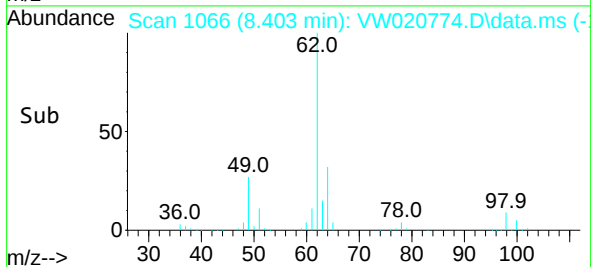
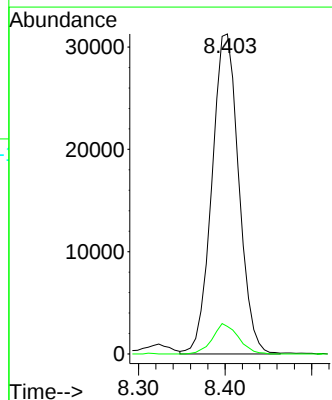
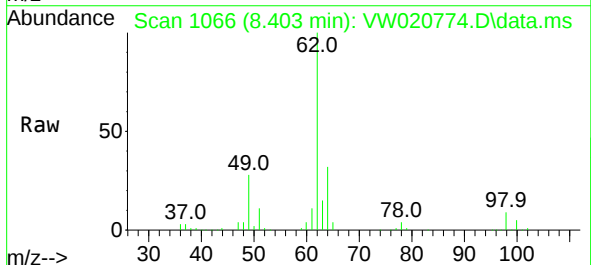
Instrument :
MSVOA_W
ClientSampleId :

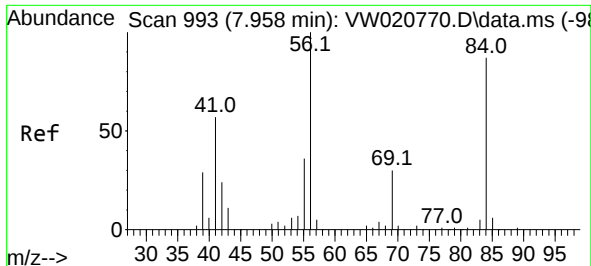
Tgt Ion: 83 Resp: 99082
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.765 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

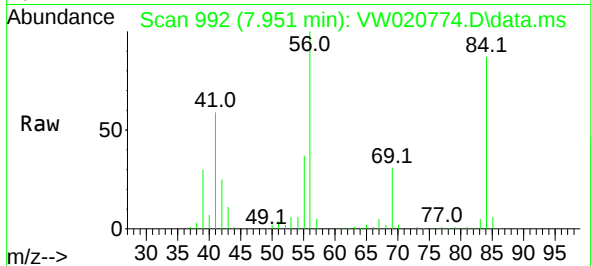
Tgt Ion: 62 Resp: 67512
Ion Ratio Lower Upper
62 100
98 8.6 6.5 9.7



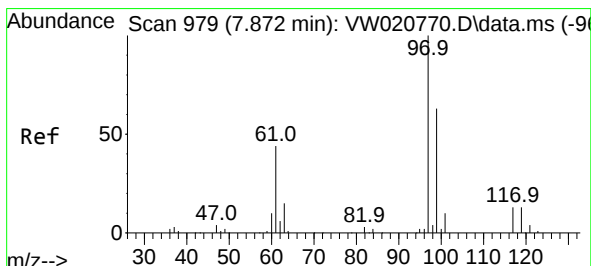
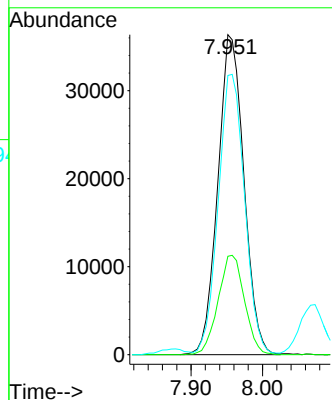
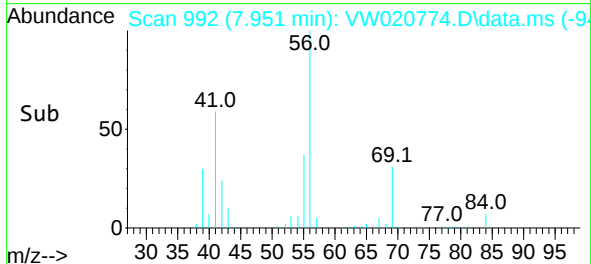


#29
Cyclohexane
Concen: 21.421 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Instrument :
MSVOA_W
ClientSampleId :

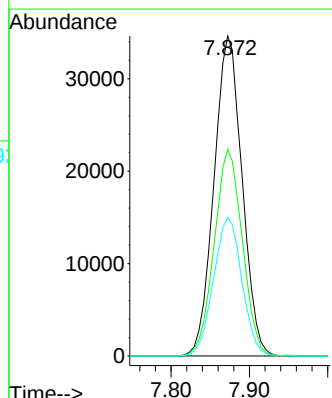
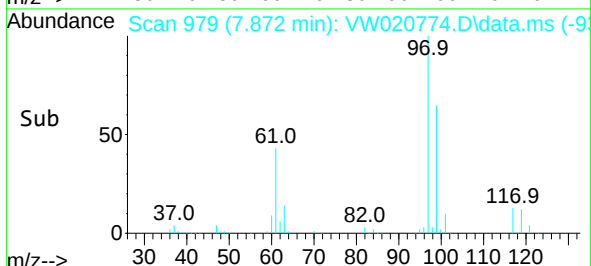
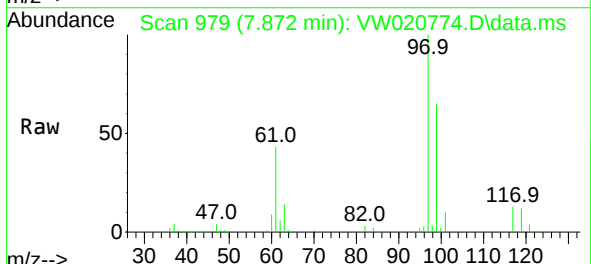


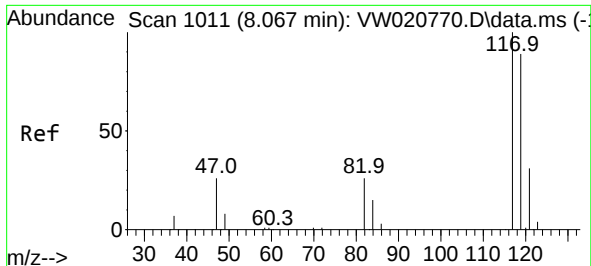
Tgt Ion: 56 Resp: 92061
Ion Ratio Lower Upper
56 100
69 31.4 23.5 35.3
84 88.8 63.4 95.2



#30
1,1,1-Trichloroethane
Concen: 22.034 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion: 97 Resp: 86253
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 43.7 40.9 61.3

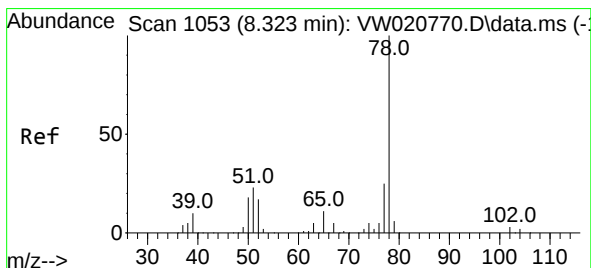
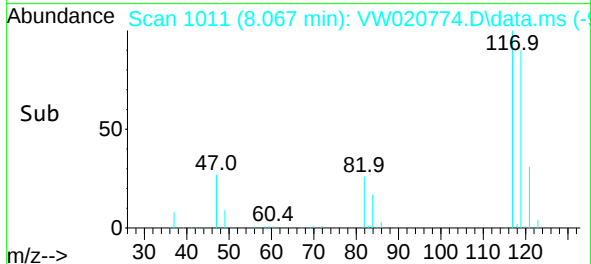
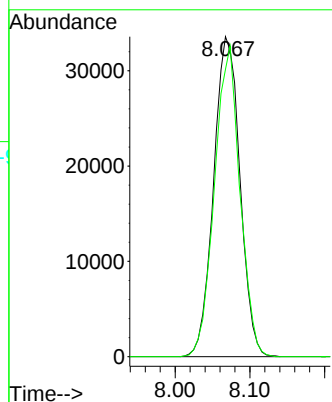
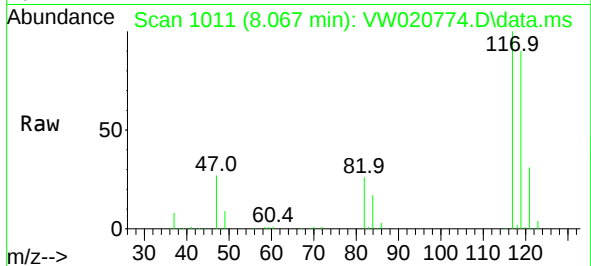




#31
Carbon tetrachloride
Concen: 22.021 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

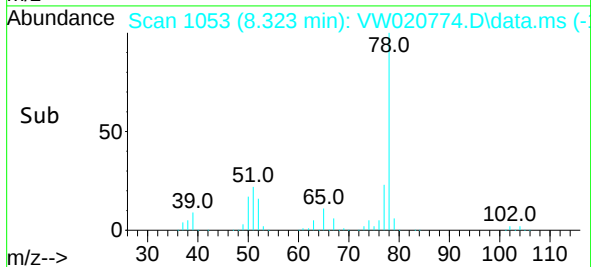
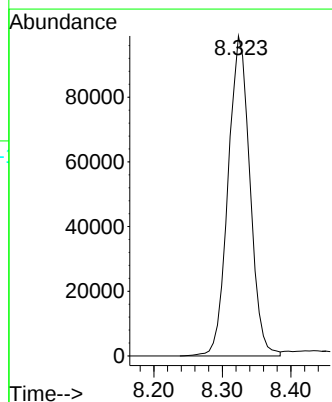
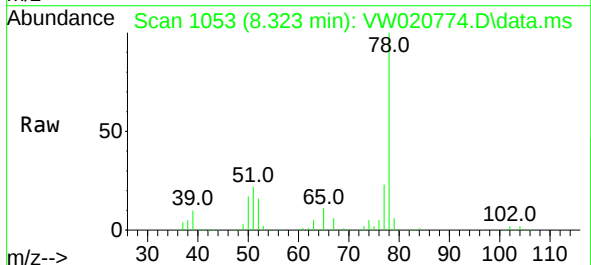
Instrument :
MSVOA_W
ClientSampleId :

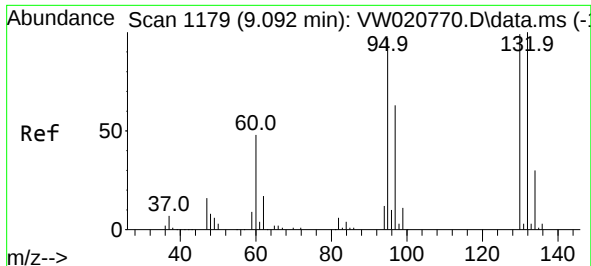
Tgt Ion:117 Resp: 82030
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5



#33
Benzene
Concen: 22.204 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

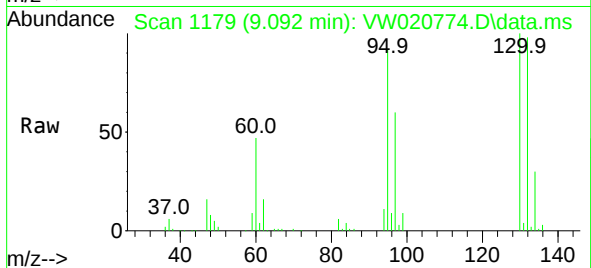
Tgt Ion: 78 Resp: 219048





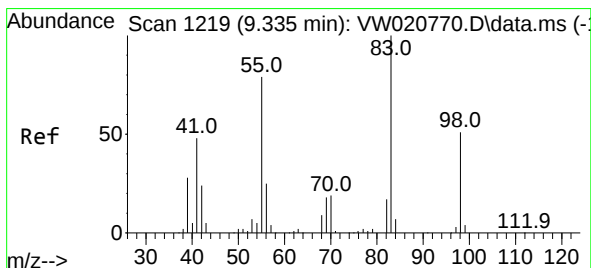
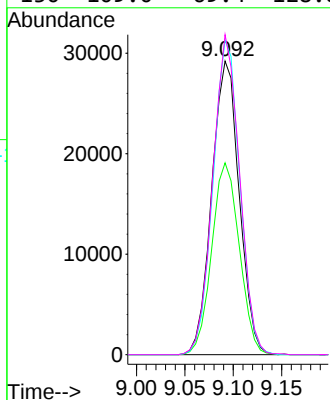
#34
Trichloroethene
Concen: 21.966 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 57682

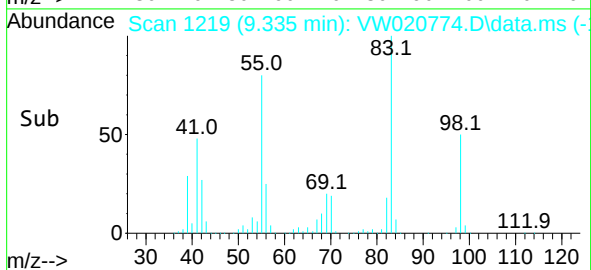
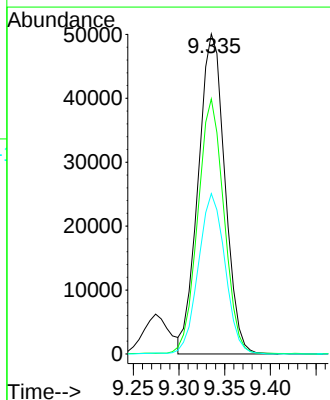
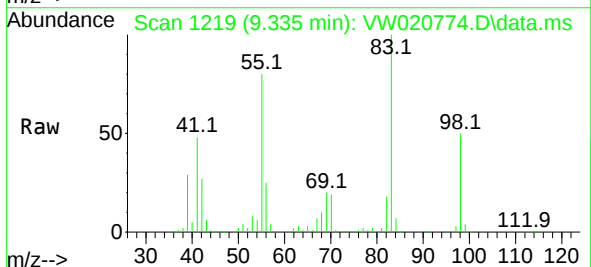
Ion	Ratio	Lower	Upper
95	100		
97	65.3	47.0	87.2
132	107.1	65.5	121.6
130	109.0	69.4	128.8

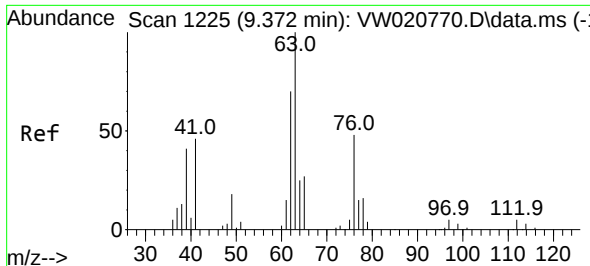


#35
Methylcyclohexane
Concen: 22.131 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion: 83 Resp: 101415

Ion	Ratio	Lower	Upper
83	100		
55	78.3	70.8	106.2
98	50.2	37.7	56.5





#37

1,2-Dichloropropane

Concen: 22.897 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Instrument :

MSVOA_W

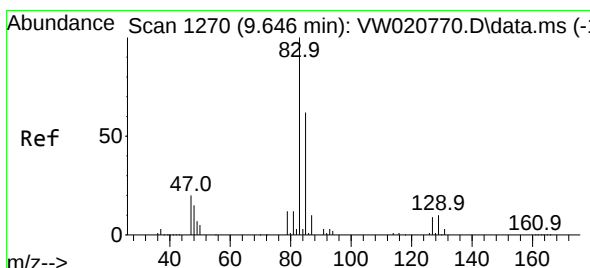
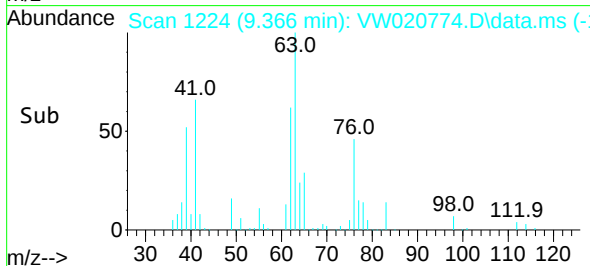
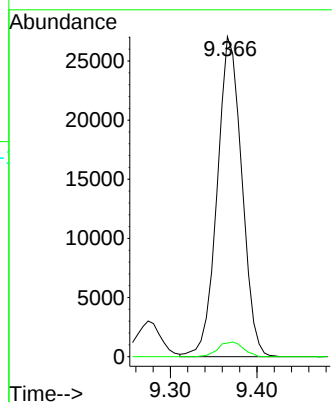
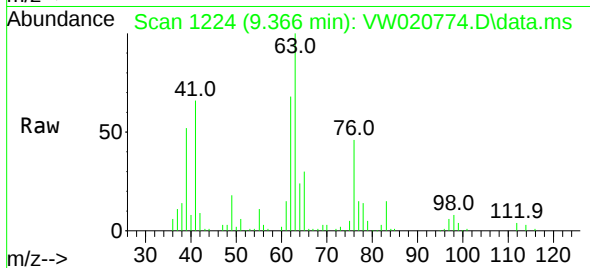
ClientSampleId :

Tgt Ion: 63 Resp: 53480

Ion Ratio Lower Upper

63 100

112 4.7 3.2 4.8



#38

Bromodichloromethane

Concen: 23.342 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

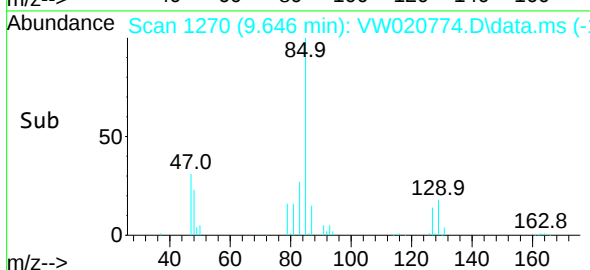
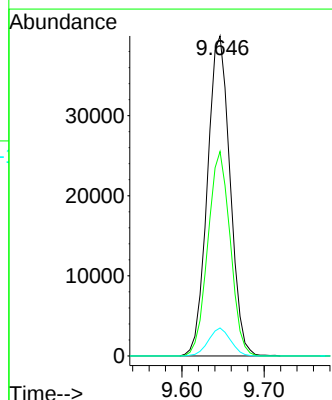
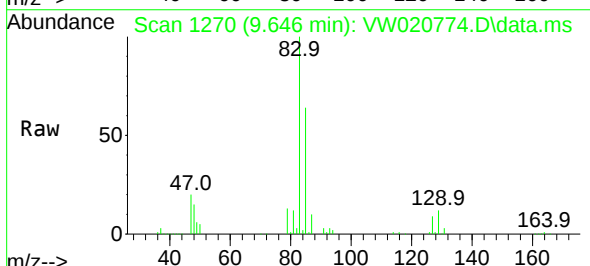
Tgt Ion: 83 Resp: 76319

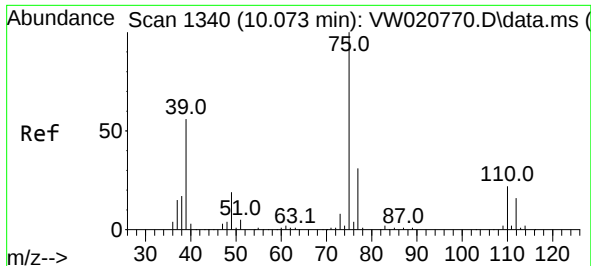
Ion Ratio Lower Upper

83 100

85 63.9 44.1 81.9

127 8.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.592 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Instrument :

MSVOA_W

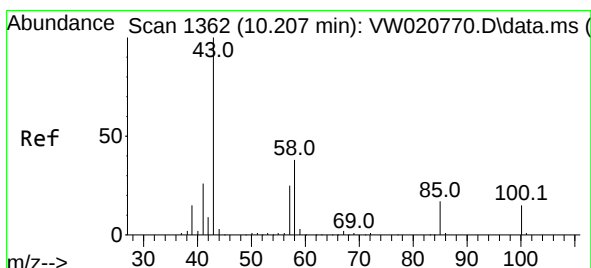
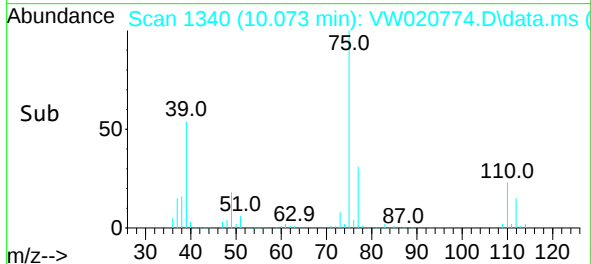
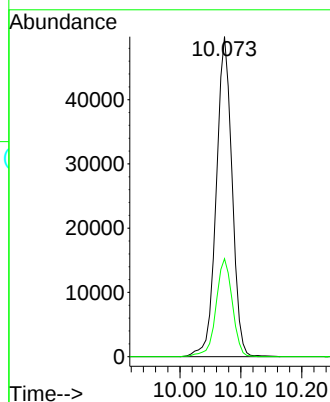
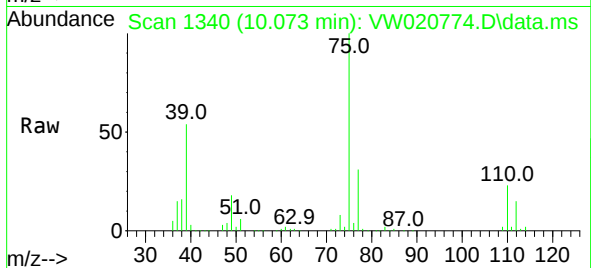
ClientSampleId :

Tgt Ion: 75 Resp: 89677

Ion Ratio Lower Upper

75 100

77 30.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.736 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

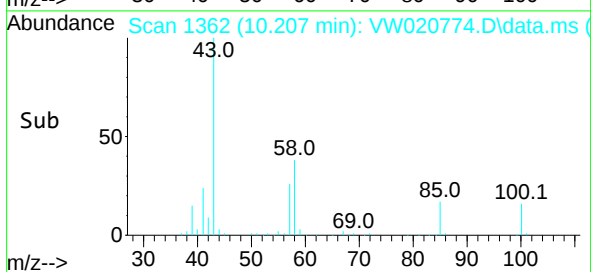
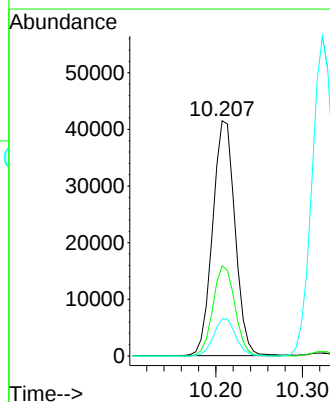
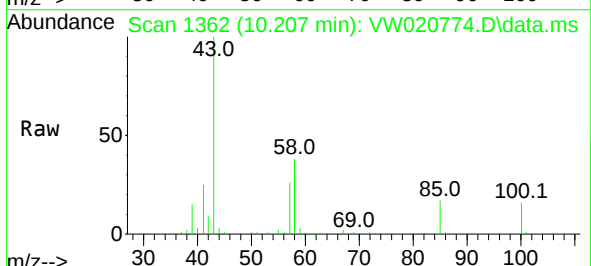
Tgt Ion: 43 Resp: 74396

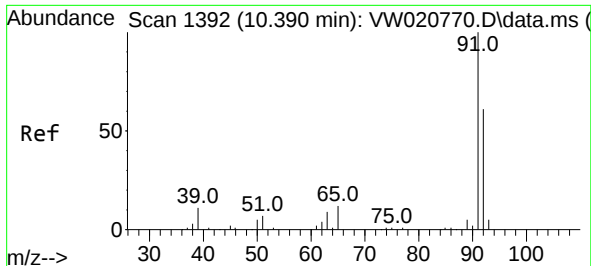
Ion Ratio Lower Upper

43 100

58 37.7 28.8 43.2

100 15.6 10.0 15.0#

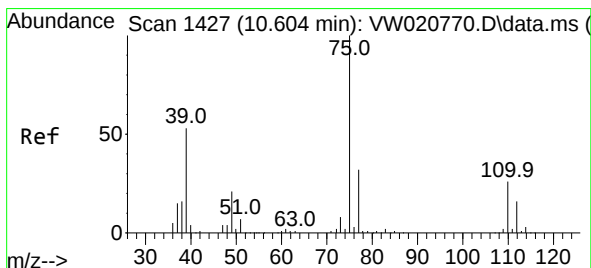
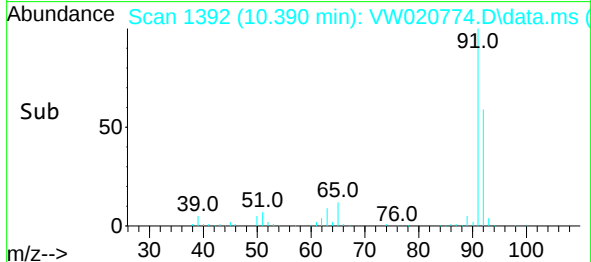
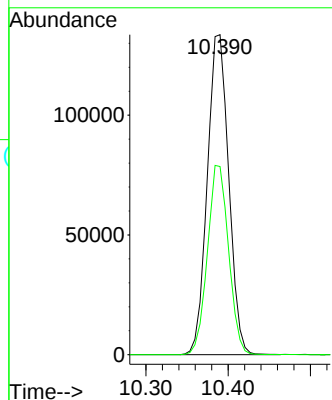
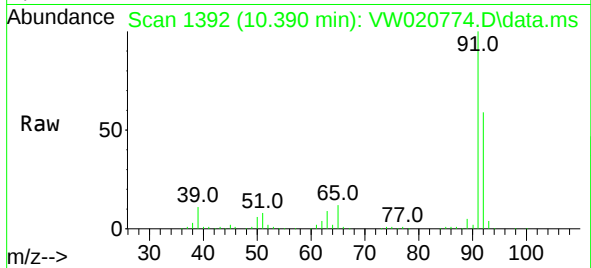




#42
Toluene
Concen: 22.815 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

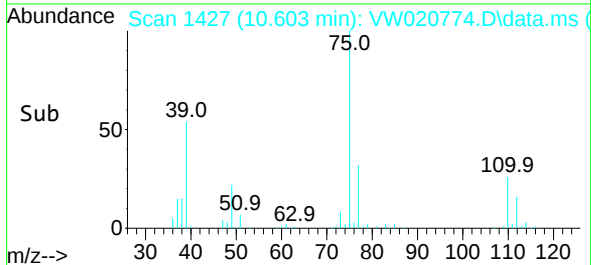
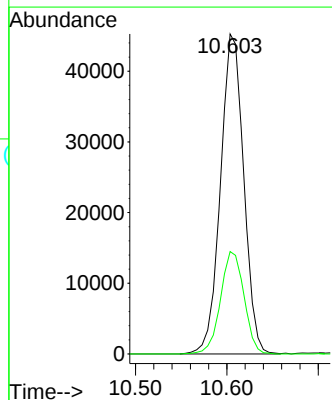
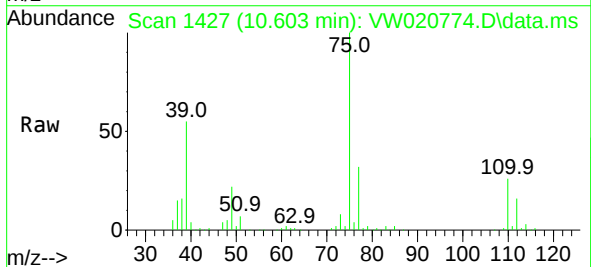
Instrument :
MSVOA_W
ClientSampleId :

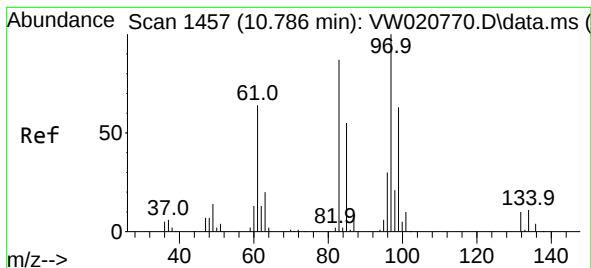
Tgt Ion: 91 Resp: 242030
Ion Ratio Lower Upper
91 100
92 58.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.280 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.001 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion: 75 Resp: 80045
Ion Ratio Lower Upper
75 100
77 32.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.152 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 41865

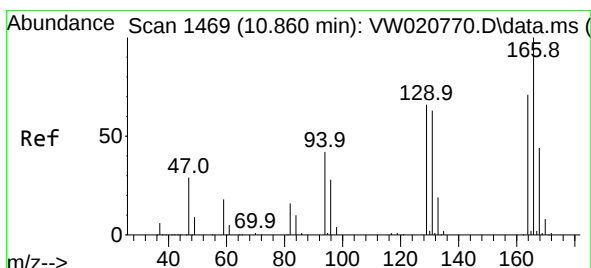
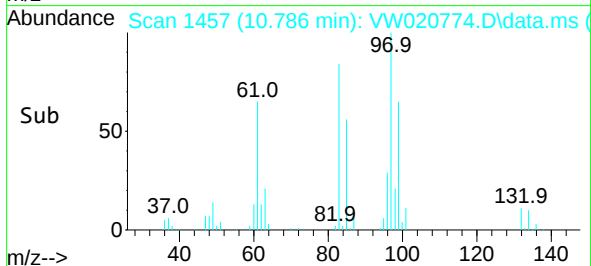
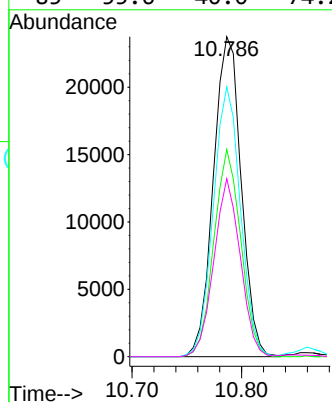
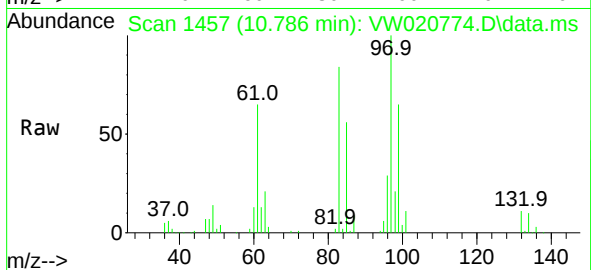
Ion Ratio Lower Upper

97 100

99 64.7 43.0 79.8

83 84.3 62.6 116.3

85 55.6 40.0 74.2



#46

Tetrachloroethene

Concen: 21.988 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Tgt Ion:164 Resp: 51789

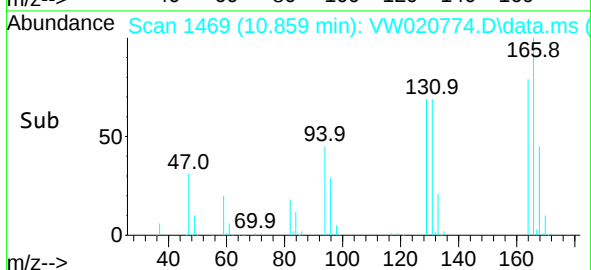
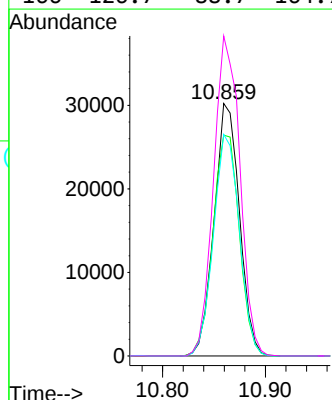
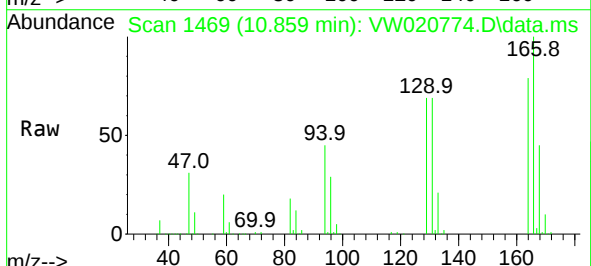
Ion Ratio Lower Upper

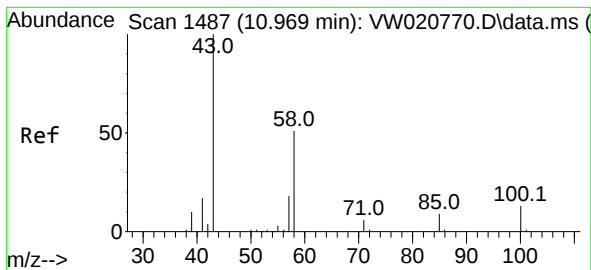
164 100

129 87.4 65.5 121.7

131 87.8 59.7 110.9

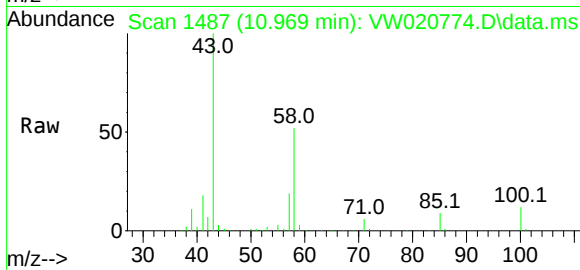
166 126.7 88.7 164.7



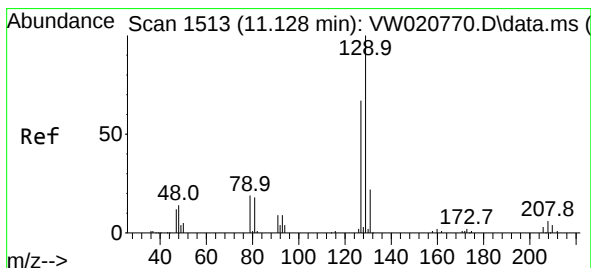
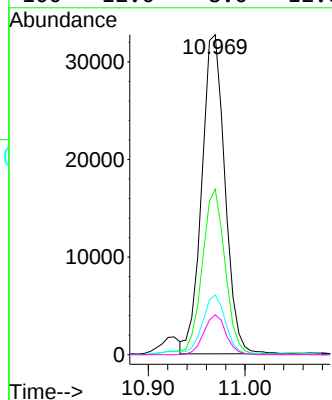
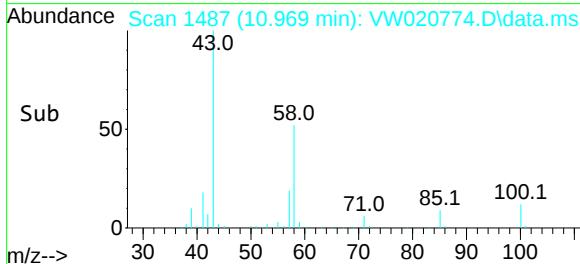


#48
2-Hexanone
Concen: 48.879 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Instrument :
MSVOA_W
ClientSampleId :

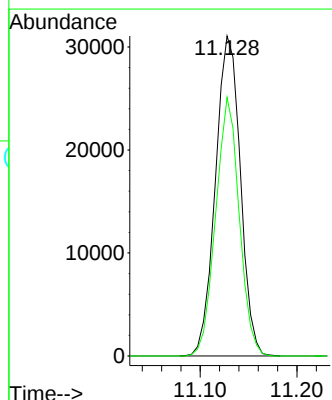
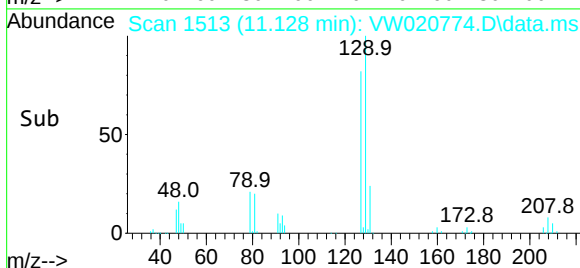
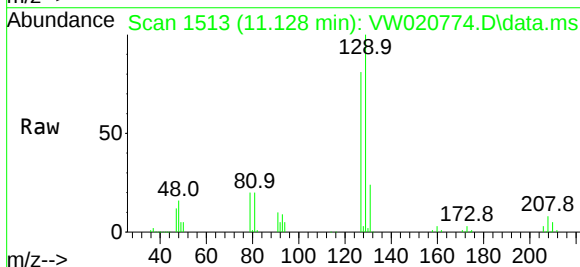


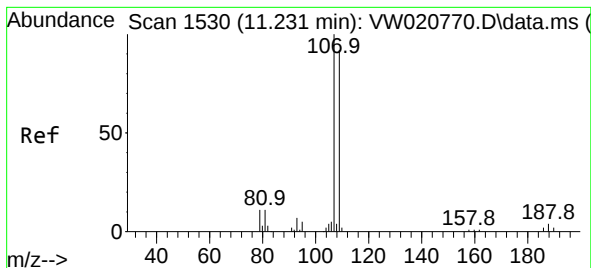
Tgt Ion: 43 Resp: 54483
Ion Ratio Lower Upper
43 100
58 52.1 40.2 60.2
57 18.6 14.3 21.5
100 12.0 8.0 12.0



#49
Dibromochloromethane
Concen: 23.469 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

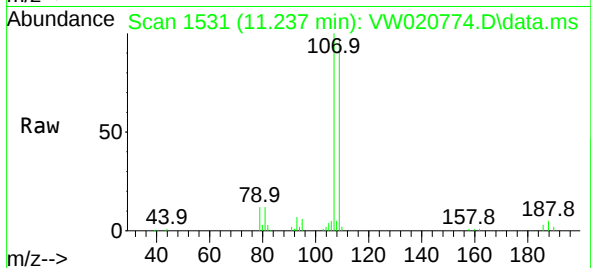
Tgt Ion: 129 Resp: 55555
Ion Ratio Lower Upper
129 100
127 80.8 55.7 103.5



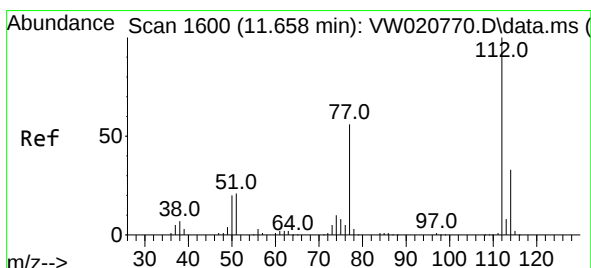
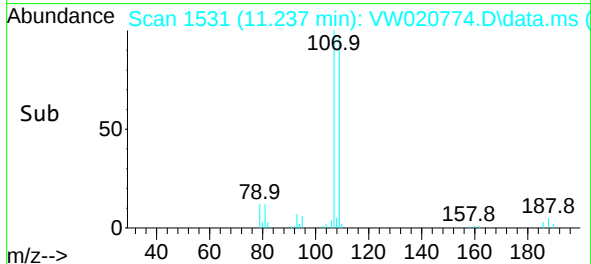
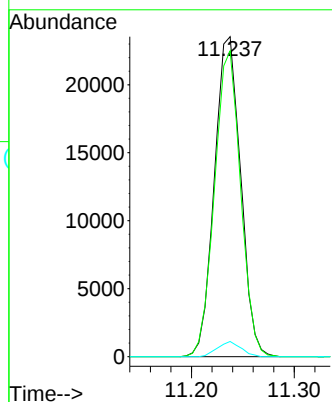


#50
1,2-Dibromoethane
Concen: 23.767 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Instrument :
MSVOA_W
ClientSampleId :

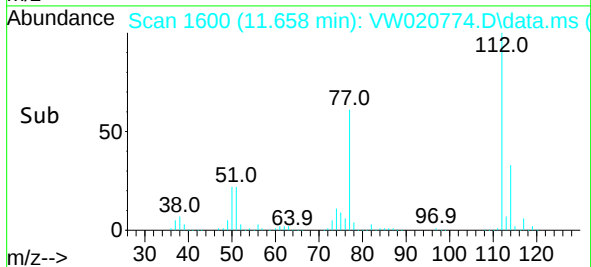
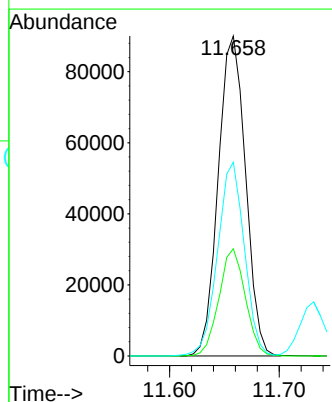
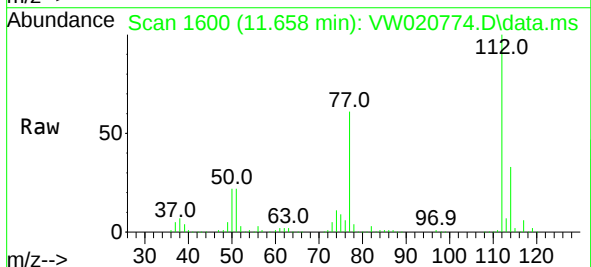


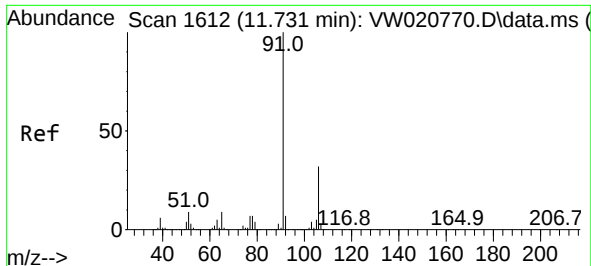
Tgt Ion:107 Resp: 41772
Ion Ratio Lower Upper
107 100
109 95.5 64.1 119.1
188 4.8 2.6 3.8#



#51
Chlorobenzene
Concen: 22.800 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion:112 Resp: 156007
Ion Ratio Lower Upper
112 100
114 33.5 22.4 41.6
77 60.6 50.2 75.4

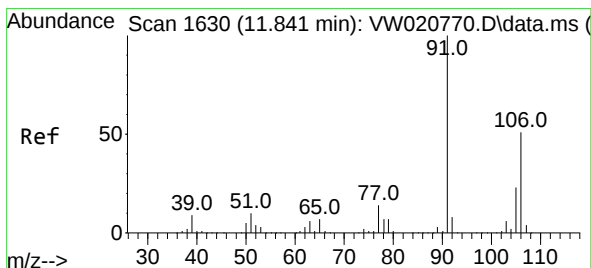
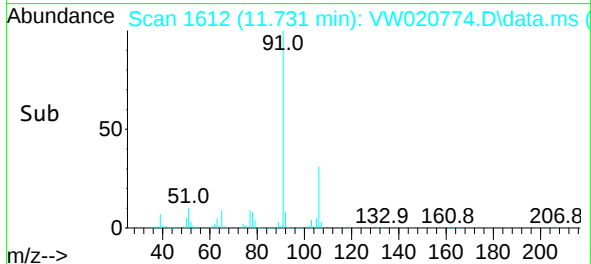
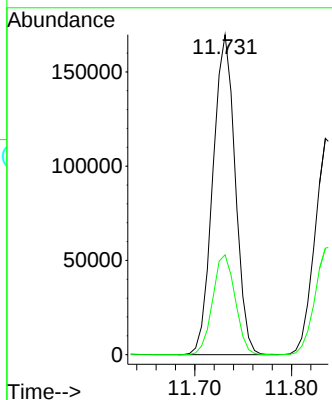
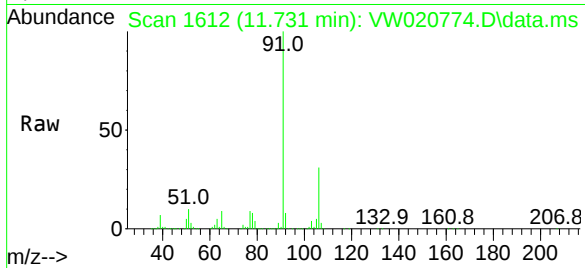




#52
Ethylbenzene
Concen: 22.856 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

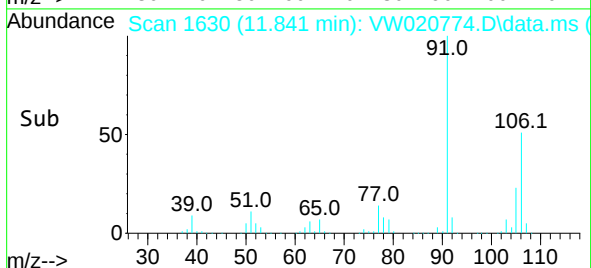
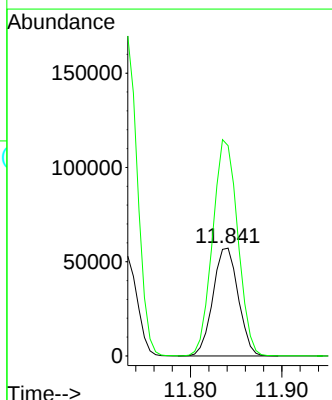
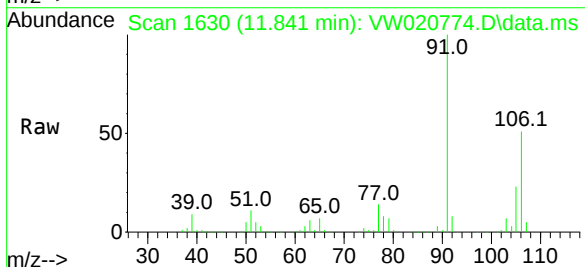
Instrument :
MSVOA_W
ClientSampleId :

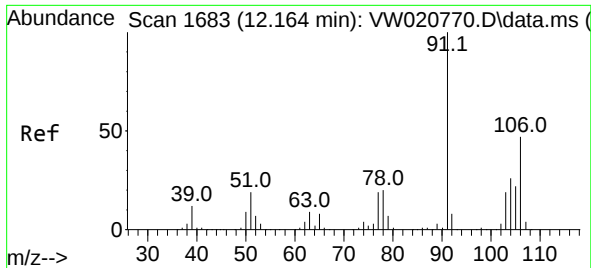
Tgt Ion: 91 Resp: 271662
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 23.107 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion:106 Resp: 110039
Ion Ratio Lower Upper
106 100
91 195.1 149.9 278.3

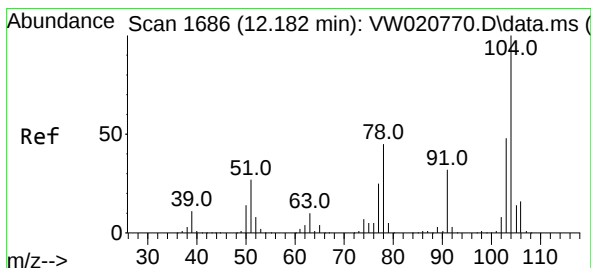
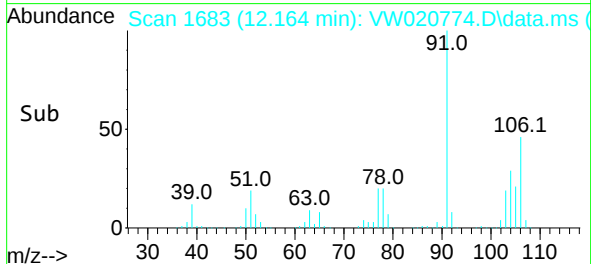
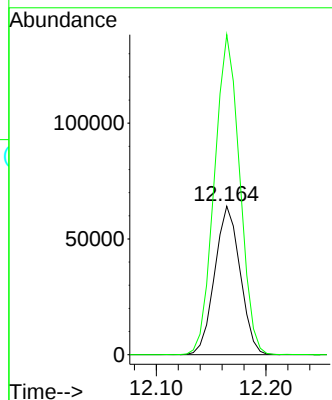
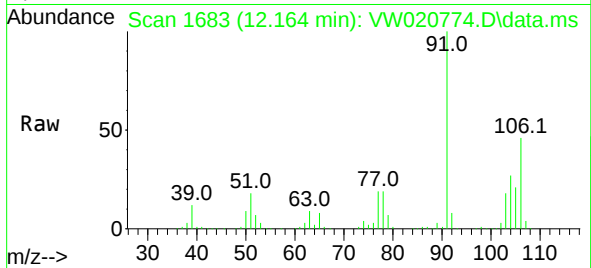




#54
o-Xylene
Concen: 22.915 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

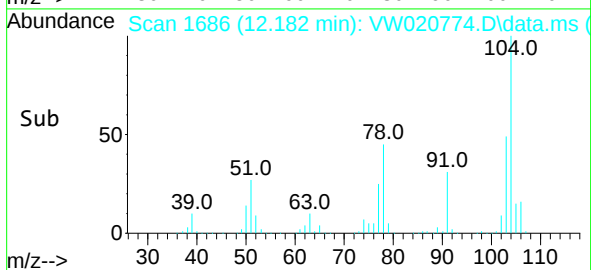
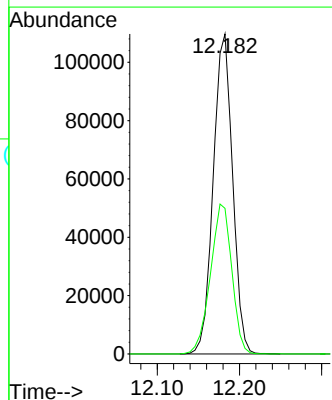
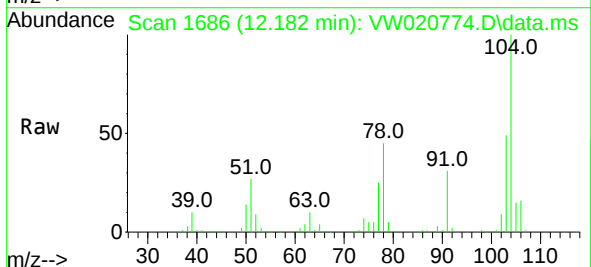
Instrument :
MSVOA_W
ClientSampleId :

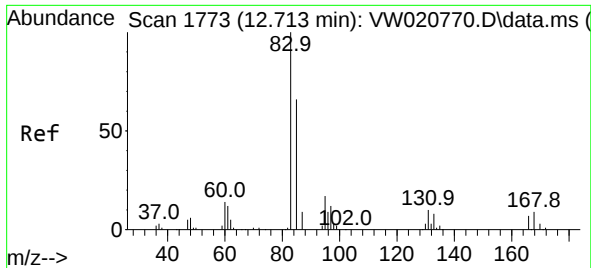
Tgt Ion:106 Resp: 103370
Ion Ratio Lower Upper
106 100
91 215.4 153.6 285.3



#55
Styrene
Concen: 23.407 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

Tgt Ion:104 Resp: 179507
Ion Ratio Lower Upper
104 100
78 45.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.157 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW020774.D

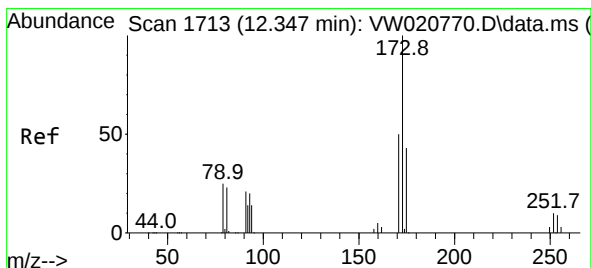
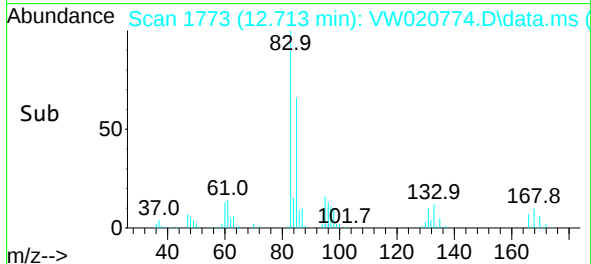
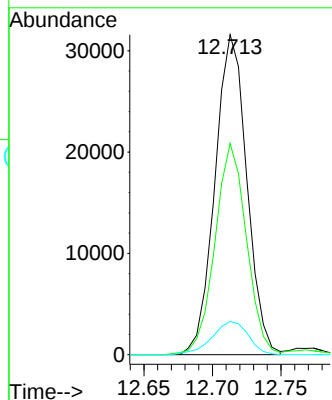
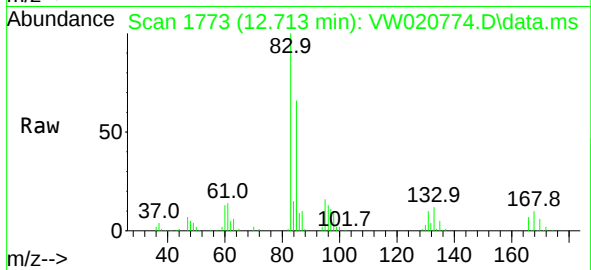
Acq: 05 Nov 2021 11:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	51108
Ion Ratio	Lower	Upper	
83	100		
85	66.0	44.0	81.6
131	10.4	6.9	10.3#



#59

Bromoform

Concen: 23.230 ug/L

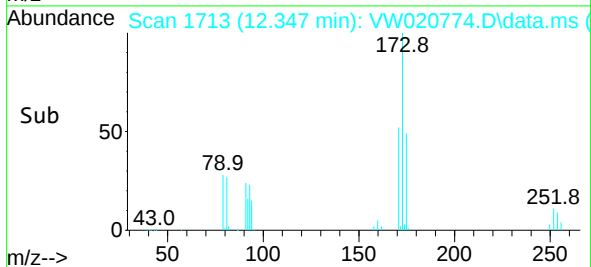
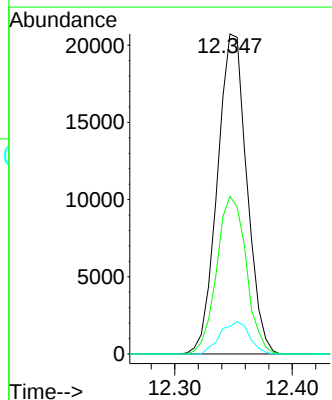
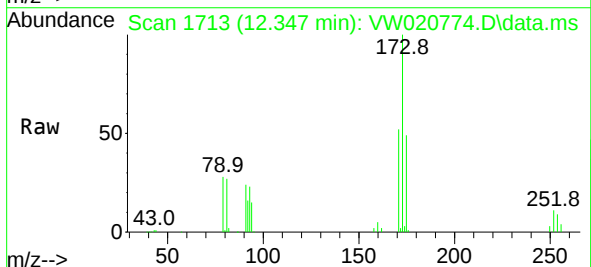
RT: 12.347 min Scan# 1713

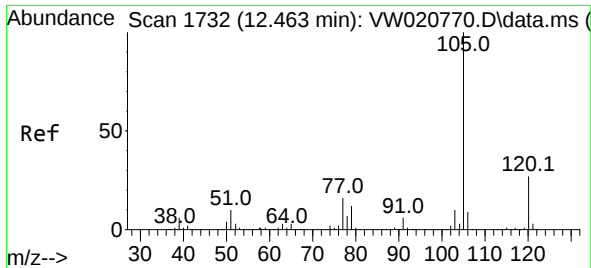
Delta R.T. -0.000 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

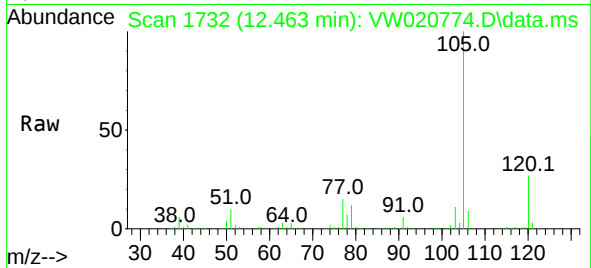
Tgt Ion:	173	Resp:	36088
Ion Ratio	Lower	Upper	
173	100		
175	49.3	39.6	59.4
254	10.0	7.4	11.0



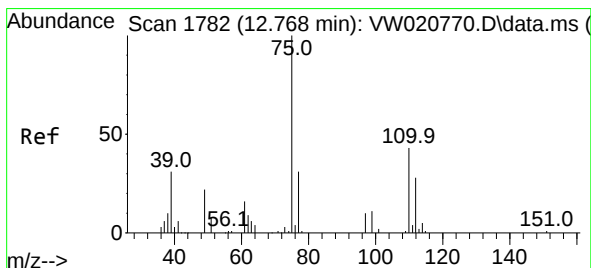
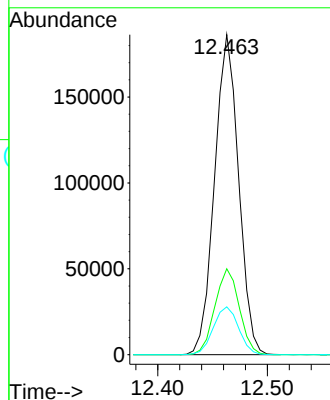
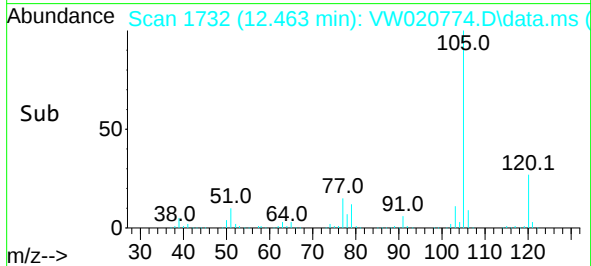


#60
Isopropylbenzene
Concen: 22.431 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

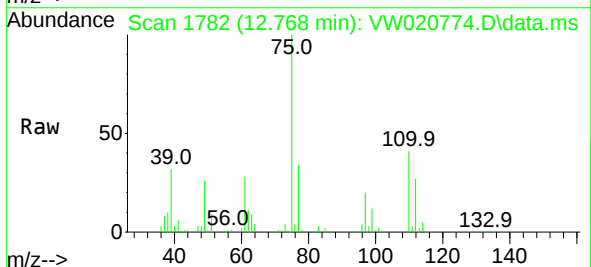
Instrument :
MSVOA_W
ClientSampleId :



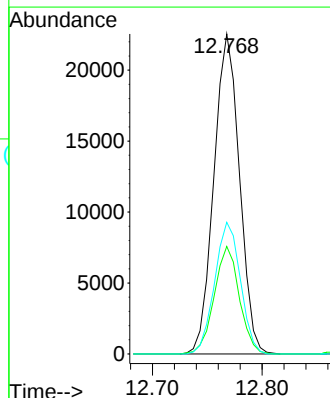
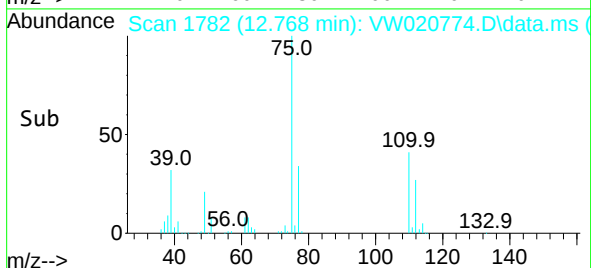
Tgt Ion:105 Resp: 283956
Ion Ratio Lower Upper
105 100
120 27.2 20.1 30.1
77 15.7 13.8 20.8

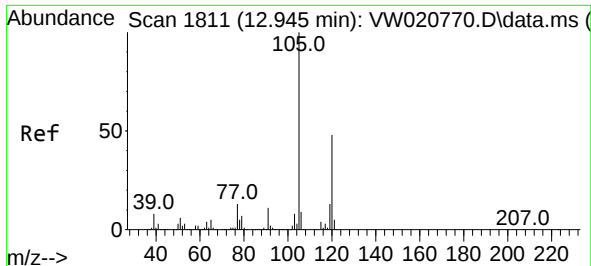


#61
1,2,3-Trichloropropane
Concen: 24.109 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44



Tgt Ion: 75 Resp: 36593
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
110 41.4 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 22.597 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Instrument :

MSVOA_W

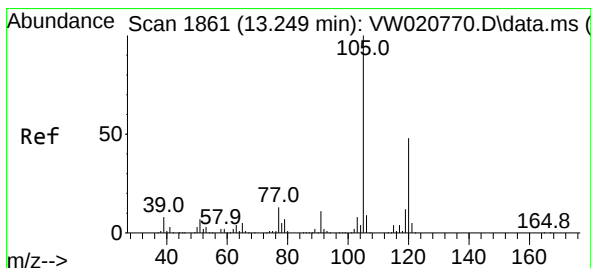
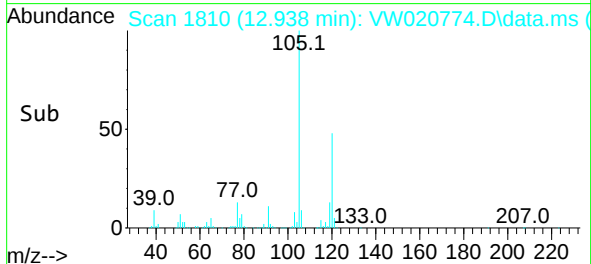
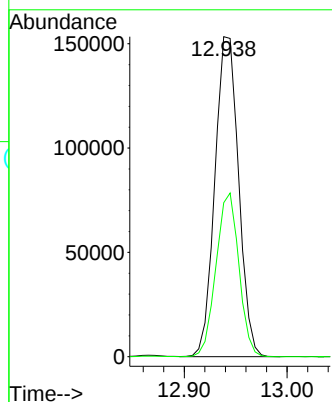
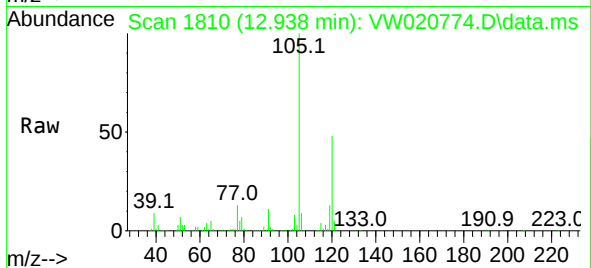
ClientSampleId :

Tgt Ion:105 Resp: 245811

Ion Ratio Lower Upper

105 100

120 49.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.513 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020774.D

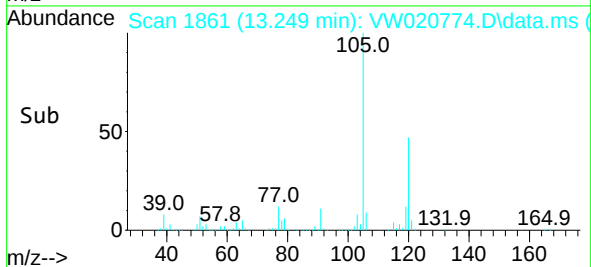
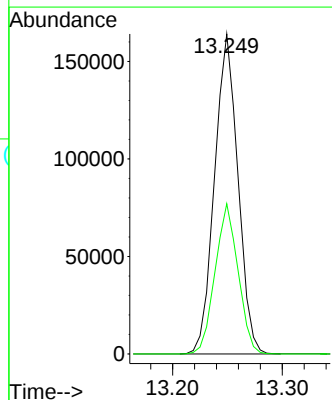
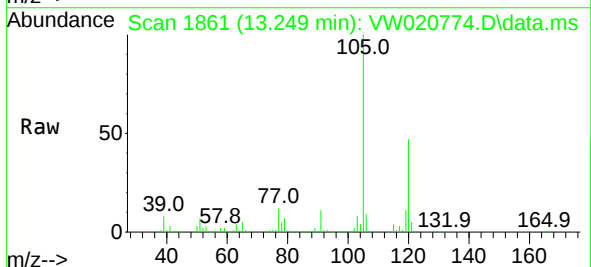
Acq: 05 Nov 2021 11:44

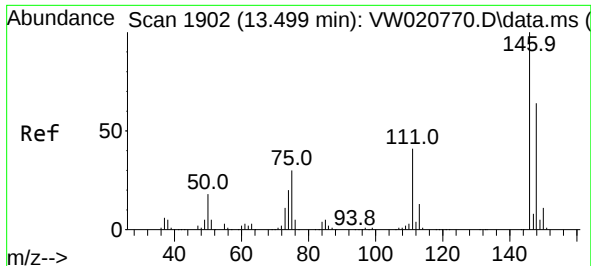
Tgt Ion:105 Resp: 243279

Ion Ratio Lower Upper

105 100

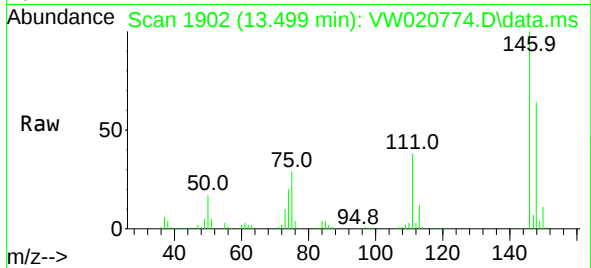
120 46.1 35.0 52.6



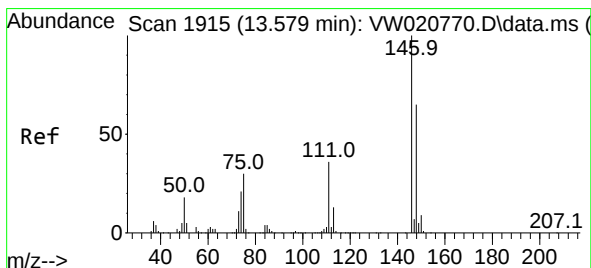
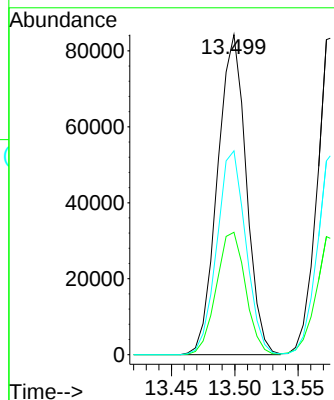
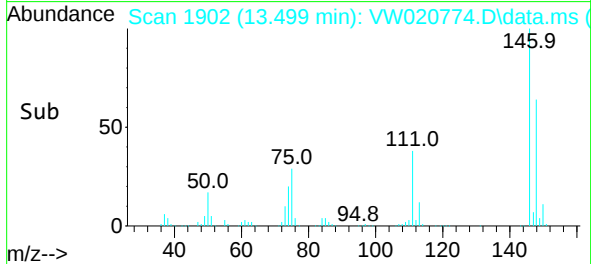


#64
1,3-Dichlorobenzene
Concen: 22.687 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44

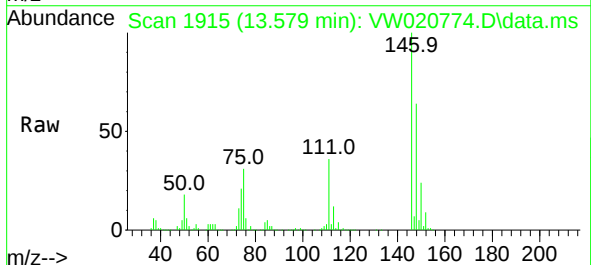
Instrument :
MSVOA_W
ClientSampleId :



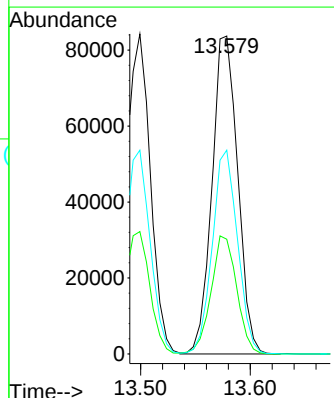
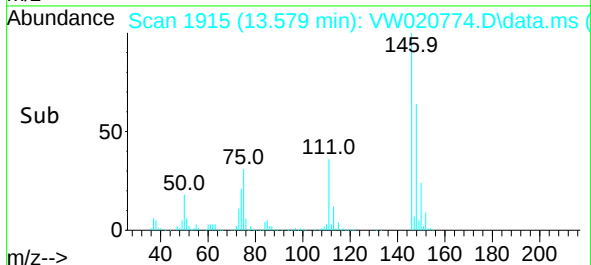
Tgt Ion:146 Resp: 133160
Ion Ratio Lower Upper
146 100
111 38.3 29.8 55.3
148 63.7 46.2 85.8

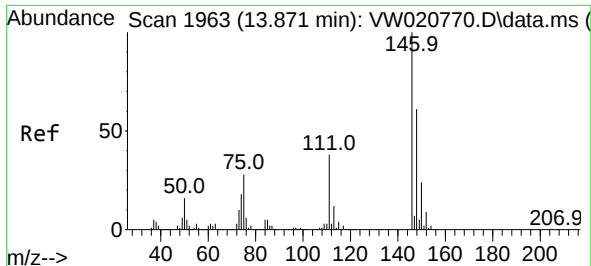


#65
1,4-Dichlorobenzene
Concen: 23.362 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020774.D
Acq: 05 Nov 2021 11:44



Tgt Ion:146 Resp: 136591
Ion Ratio Lower Upper
146 100
111 36.1 29.0 53.9
148 64.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.321 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

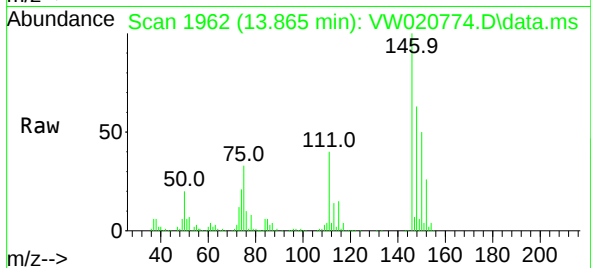
Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Instrument :

MSVOA_W

ClientSampleId :



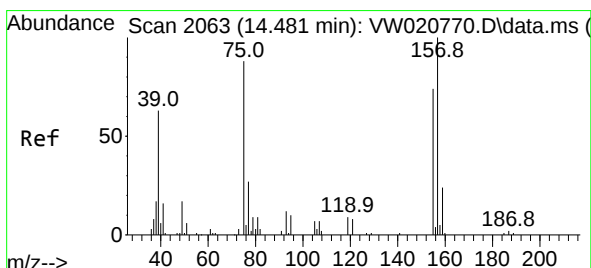
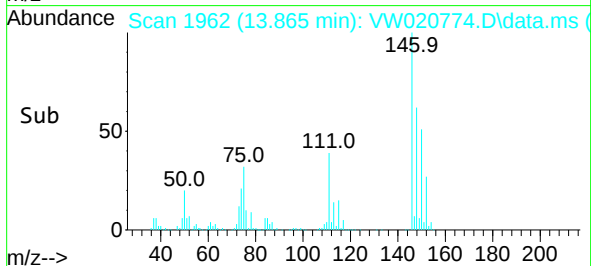
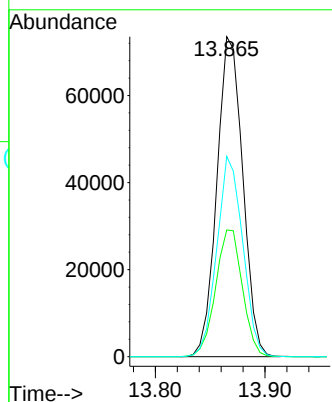
Tgt Ion:146 Resp: 120914

Ion Ratio Lower Upper

146 100

111 39.6 33.1 49.7

148 62.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.116 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

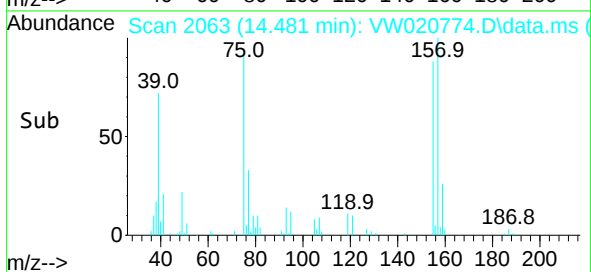
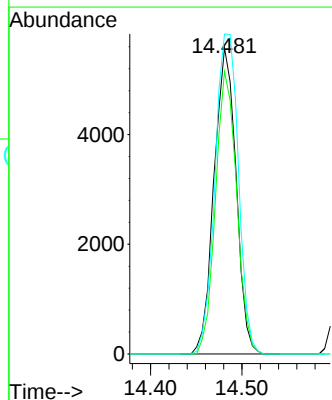
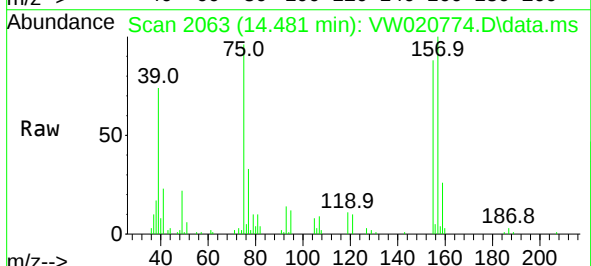
Tgt Ion: 75 Resp: 9319

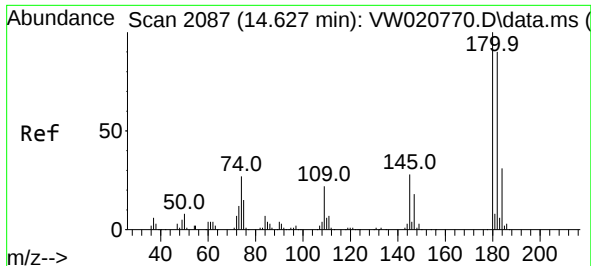
Ion Ratio Lower Upper

75 100

155 92.2 54.2 81.2#

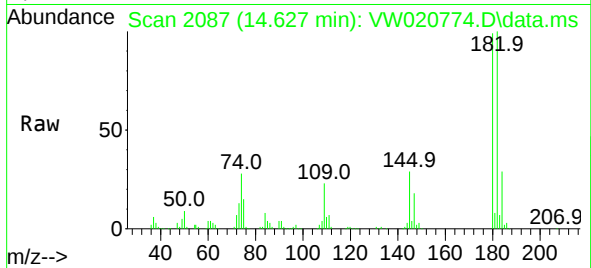
157 104.5 69.4 104.2#



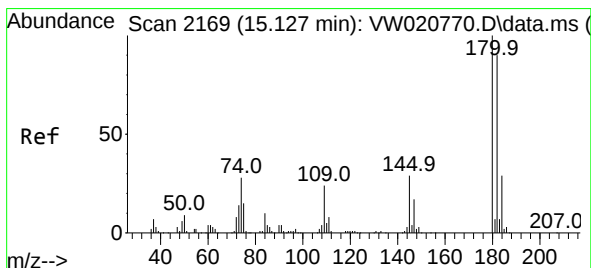
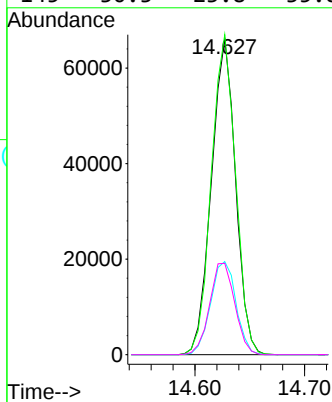
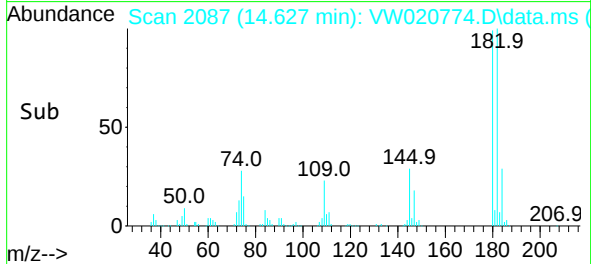


#69
 1,3,5-Trichlorobenzene
 Concen: 21.755 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW020774.D
 Acq: 05 Nov 2021 11:44

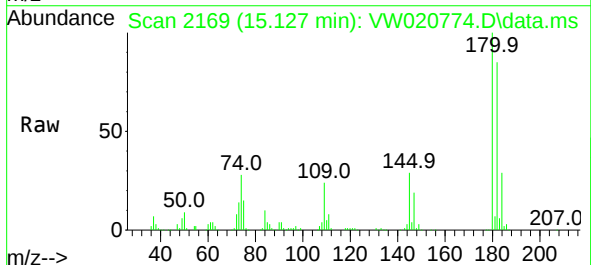
Instrument :
 MSVOA_W
 ClientSampleId :



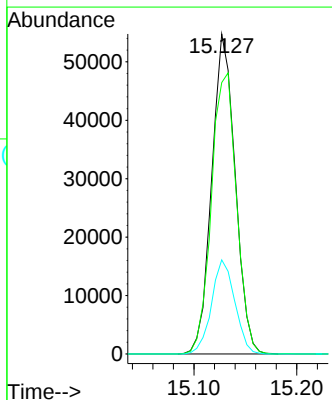
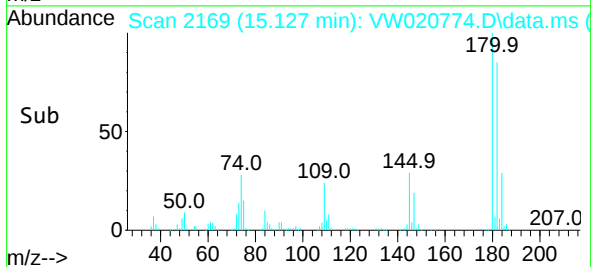
Tgt Ion:180 Resp: 101353
 Ion Ratio Lower Upper
 180 100
 182 101.2 75.4 113.0
 184 31.0 23.8 35.8
 145 30.3 23.8 35.8

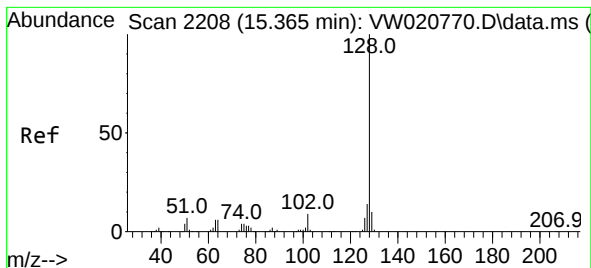


#70
 1,2,4-trichlorobenzene
 Concen: 22.348 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW020774.D
 Acq: 05 Nov 2021 11:44



Tgt Ion:180 Resp: 86793
 Ion Ratio Lower Upper
 180 100
 182 94.0 79.0 118.6
 145 29.2 26.0 39.0





#71

Naphthalene

Concen: 24.031 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Instrument :

MSVOA_W

ClientSampleId :

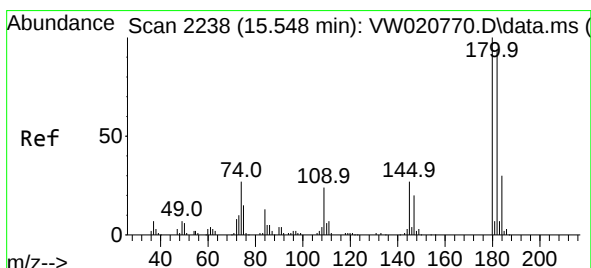
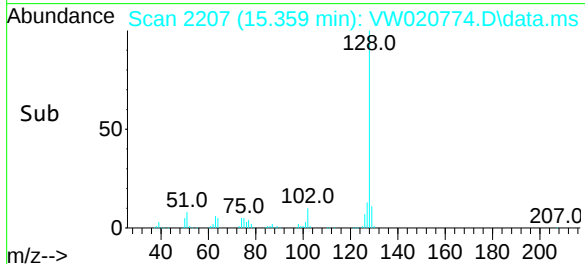
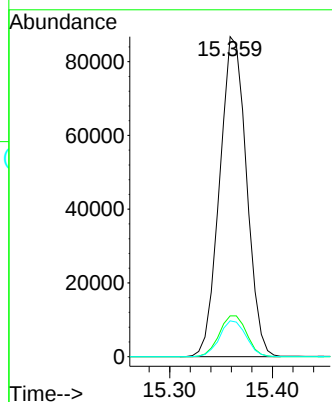
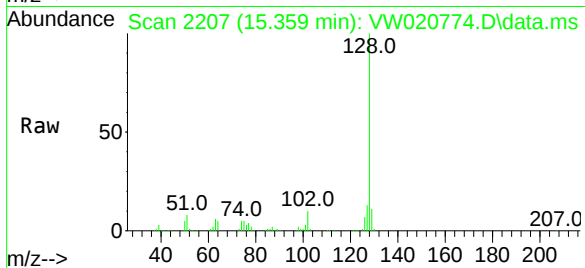
Tgt Ion:128 Resp: 157757

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.596 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW020774.D

Acq: 05 Nov 2021 11:44

Tgt Ion:180 Resp: 74575

Ion Ratio Lower Upper

180 100

182 98.0 76.6 114.8

145 31.5 27.4 41.0

