

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020570.D
 Acq On : 18 Oct 2021 18:09
 Operator : SY/VA
 Sample : M4211-19MSD
 Misc : 4.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 05:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	224160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	214627	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	112200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	79558	24.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.560%
7) Chloroethane-d5	2.879	69	42239	24.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.080%
11) 1,1-Dichloroethene-d2	4.013	63	149725	22.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.600%
21) 2-Butanone-d5	7.080	46	62605	63.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.140%
24) Chloroform-d	7.653	84	188372	26.363	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.440%
26) 1,2-Dichloroethane-d4	8.305	65	111450	27.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.240%
32) Benzene-d6	8.275	84	357082	25.293	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.160%
36) 1,2-Dichloropropane-d6	9.274	67	117921	25.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.520%
41) Toluene-d8	10.323	98	315559	24.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.640%
43) trans-1,3-Dichloroprop...	10.579	79	49475	26.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.840%
47) 2-Hexanone-d5	10.927	63	45423	64.173	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.340%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98722	28.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	111009	25.292	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35085	24.221	ug/L	100
3) Chloromethane	2.215	50	58882	19.550	ug/L	97
5) Vinyl chloride	2.355	62	77046	18.187	ug/L	97
6) Bromomethane	2.769	94	31352	17.040	ug/L	98
8) Chloroethane	2.916	64	26831	17.153	ug/L	94
9) Trichlorofluoromethane	3.245	101	29878	12.396	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	64458	18.752	ug/L	99
12) 1,1-Dichloroethene	4.031	96	58832	18.667	ug/L #	76
13) Acetone	4.129	43	87400	95.900	ug/L	98
14) Carbon disulfide	4.379	76	171042	16.685	ug/L	99
15) Methyl Acetate	4.672	43	37773	22.318	ug/L	99
16) Methylene chloride	4.915	84	72846	16.717	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	62931	19.031	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	100761	21.628	ug/L	99
19) 1,1-Dichloroethane	6.214	63	134321	19.815	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	69941	20.350	ug/L	99
22) 2-Butanone	7.177	43	53049	46.501	ug/L	98
23) Bromochloromethane	7.513	128	30064	19.944	ug/L	93
25) Chloroform	7.677	83	132389	20.089	ug/L	99

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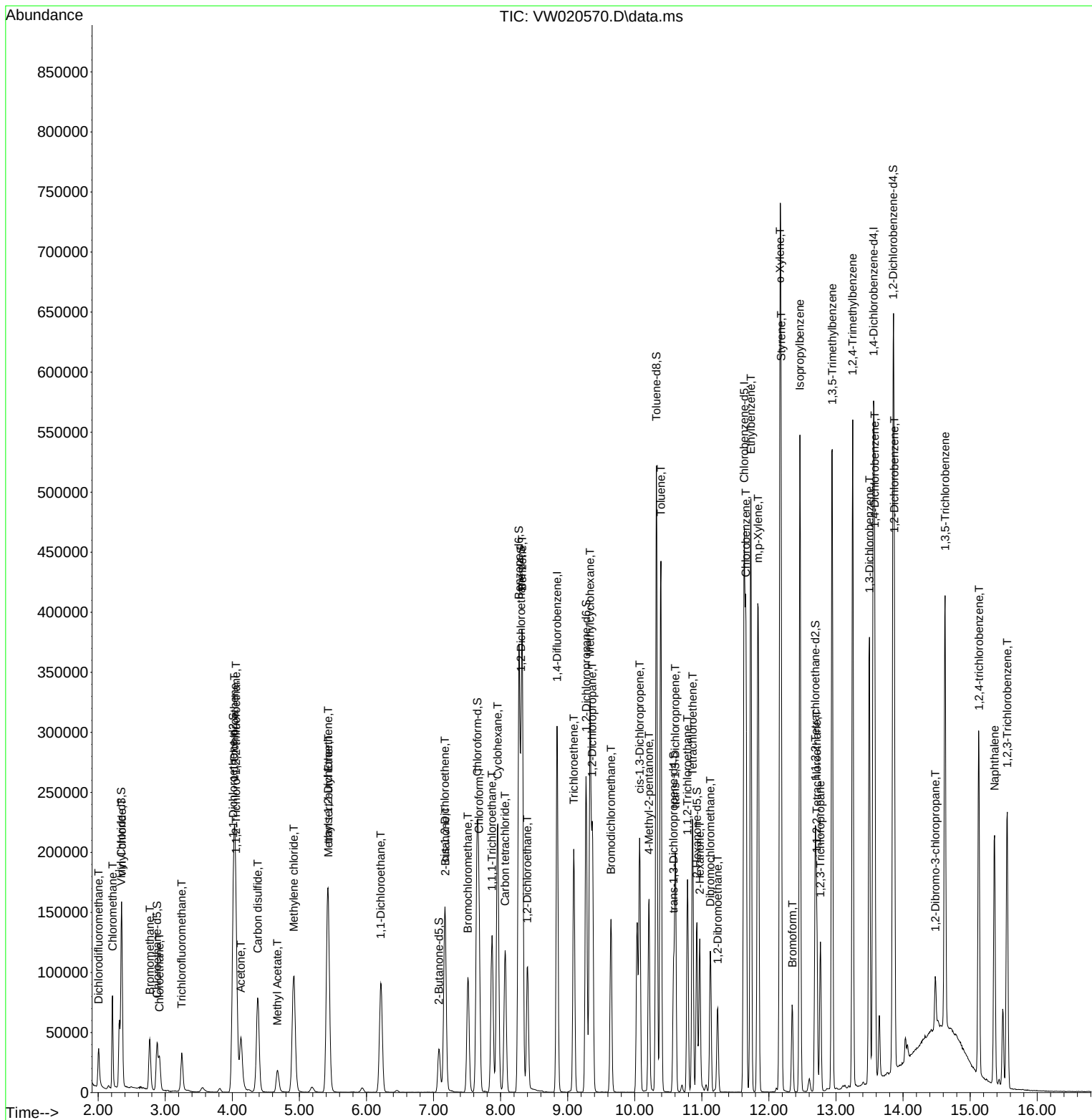
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 ClientSampleId :

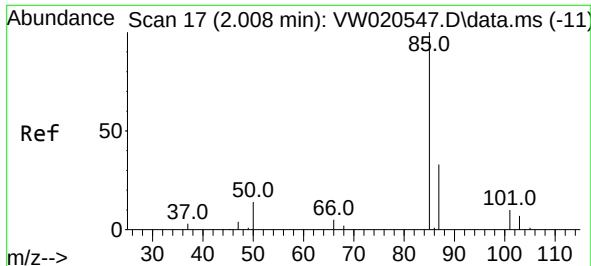
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 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	94712	21.013	ug/L	99
29) Cyclohexane	7.958	56	118515	18.861	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	100652	18.877	ug/L	99
31) Carbon tetrachloride	8.067	117	86111	18.369	ug/L	100
33) Benzene	8.323	78	293415	19.194	ug/L	100
34) Trichloroethene	9.091	95	69980	18.582	ug/L	98
35) Methylcyclohexane	9.335	83	116494	18.075	ug/L	99
37) 1,2-Dichloropropane	9.366	63	78358	19.793	ug/L	99
38) Bromodichloromethane	9.646	83	94748	19.962	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	115392	21.126	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	108438	45.637	ug/L	99
42) Toluene	10.390	91	302814	19.748	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	102029	21.190	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52367	20.602	ug/L	99
46) Tetrachloroethene	10.866	164	48658	17.988	ug/L	95
48) 2-Hexanone	10.969	43	82093	47.090	ug/L	100
49) Dibromochloromethane	11.128	129	56990	20.351	ug/L	91
50) 1,2-Dibromoethane	11.237	107	47484	20.338	ug/L	100
51) Chlorobenzene	11.658	112	182521	19.303	ug/L	97
52) Ethylbenzene	11.731	91	332796	20.015	ug/L	99
53) m,p-Xylene	11.841	106	123381	20.026	ug/L	99
54) o-Xylene	12.164	106	118126	20.762	ug/L	92
55) Styrene	12.182	104	212098	21.320	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	66256	21.027	ug/L	97
59) Bromoform	12.353	173	31875	20.279	ug/L	100
60) Isopropylbenzene	12.463	105	321926	19.549	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	49016	19.830	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	272375	20.258	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	277034	20.801	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	134943	18.938	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	139243	18.893	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	127582	19.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	11573	22.042	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	98907	19.466	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	83589	20.777	ug/L	98
71) Naphthalene	15.365	128	165705	22.909	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	72799	20.602	ug/L	98

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

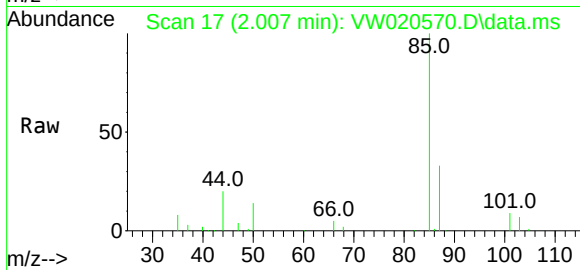
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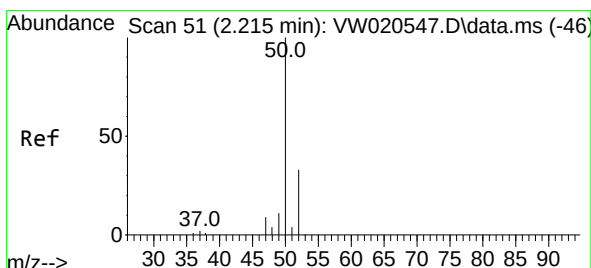
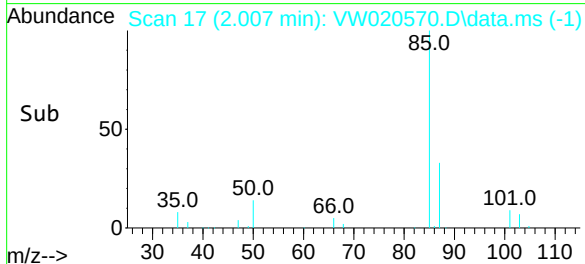
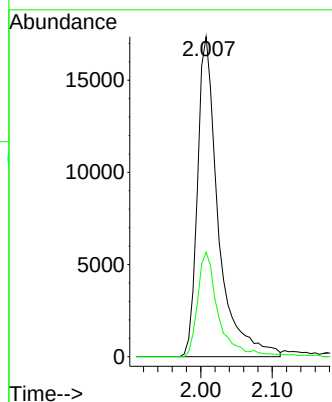


#2
 Dichlorodifluoromethane
 Concen: 24.221 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020570.D
 Acq: 18 Oct 2021 18:09

Instrument :
 MSVOA_W
 ClientSampleId :

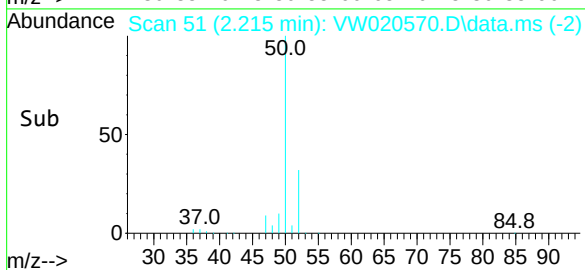
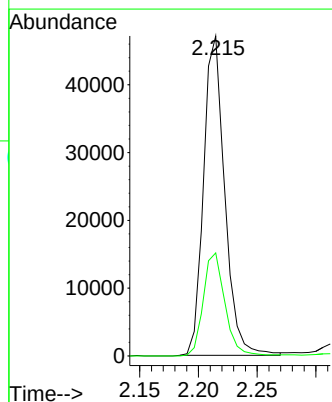
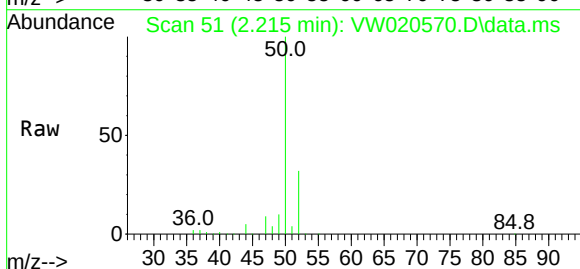


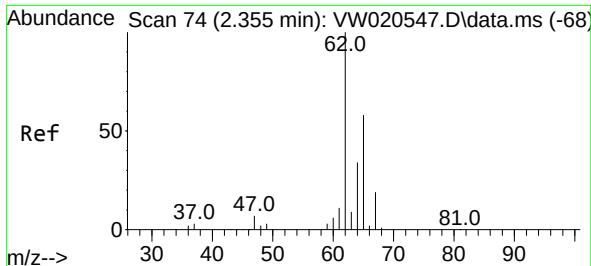
Tgt Ion: 85 Resp: 35085
 Ion Ratio Lower Upper
 85 100
 87 31.2 24.9 37.3



#3
 Chloromethane
 Concen: 19.550 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020570.D
 Acq: 18 Oct 2021 18:09

Tgt Ion: 50 Resp: 58882
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.5 39.9

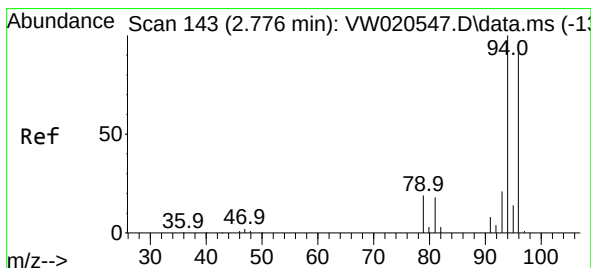
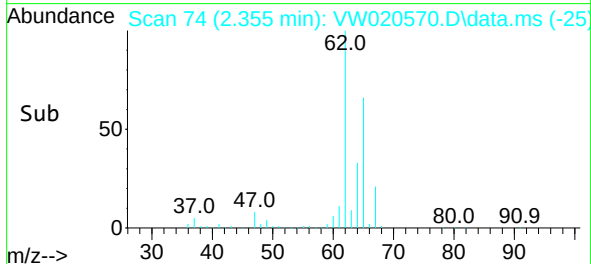
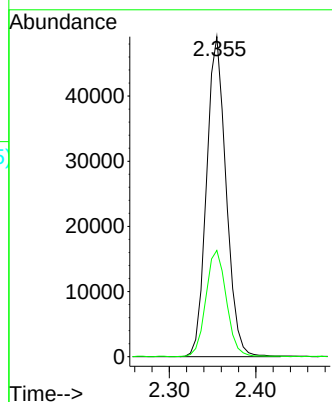
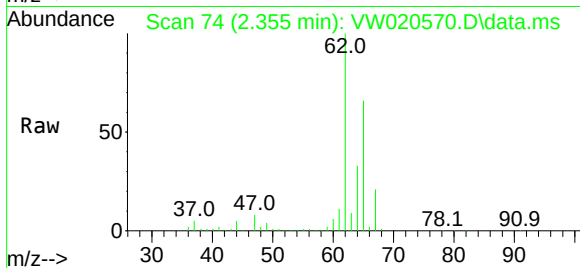




#5
 Vinyl chloride
 Concen: 18.187 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020570.D
 Acq: 18 Oct 2021 18:09

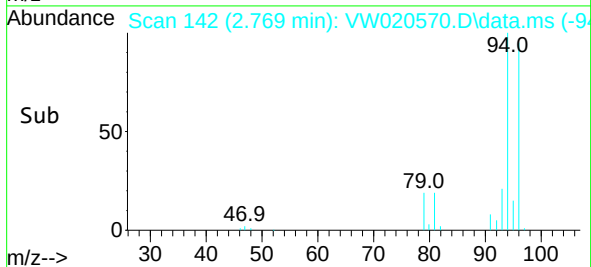
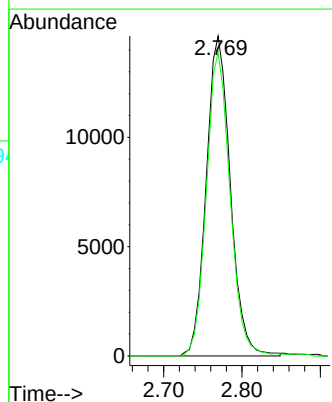
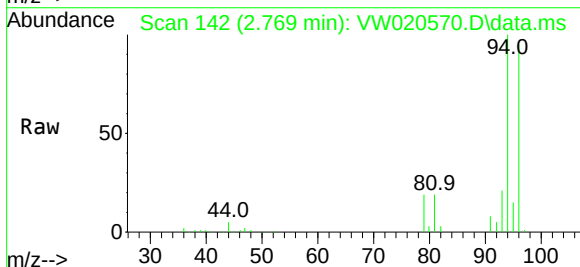
Instrument :
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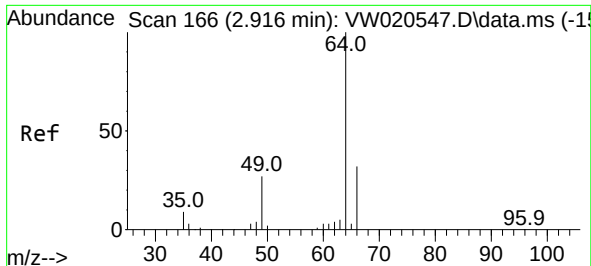
Tgt Ion: 62 Resp: 77046
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.6 45.6



#6
 Bromomethane
 Concen: 17.040 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020570.D
 Acq: 18 Oct 2021 18:09

Tgt Ion: 94 Resp: 31352
 Ion Ratio Lower Upper
 94 100
 96 94.7 67.8 126.0

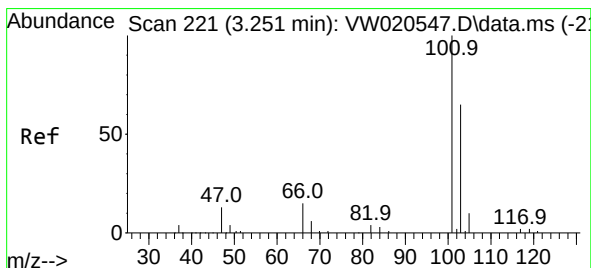
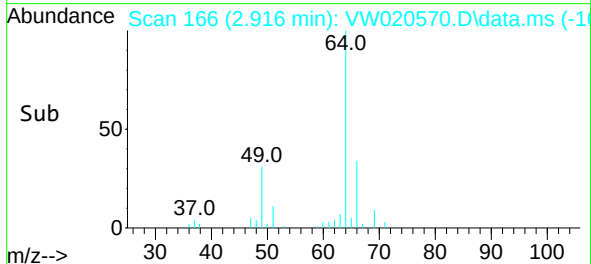
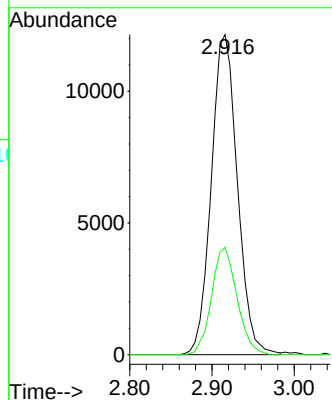
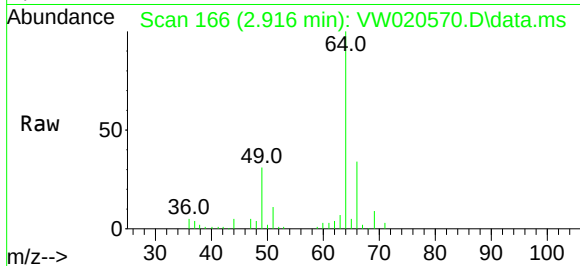




#8
Chloroethane
Concen: 17.153 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

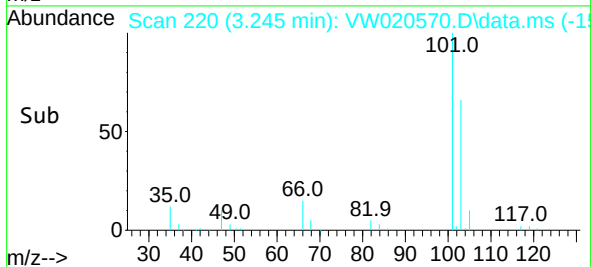
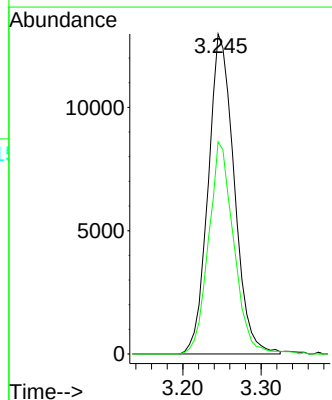
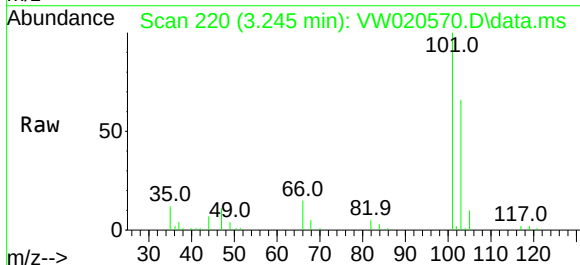
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ClientSampleId :

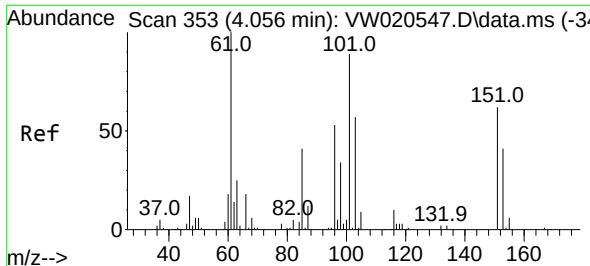
Tgt Ion: 64 Resp: 26831
Ion Ratio Lower Upper
64 100
66 33.5 21.2 39.4



#9
Trichlorofluoromethane
Concen: 12.396 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion:101 Resp: 29878
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

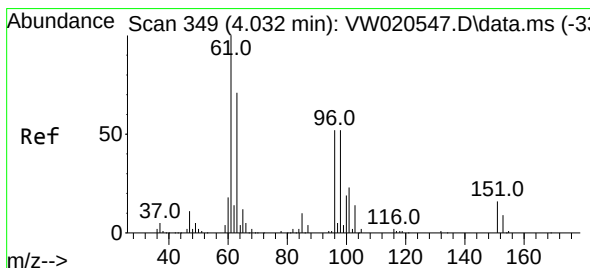
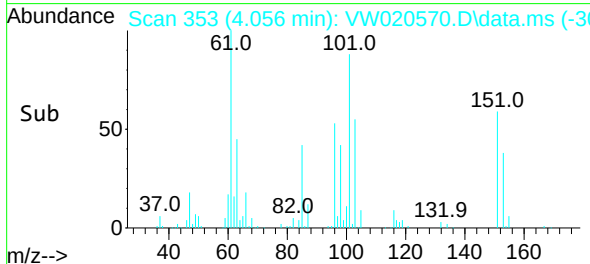
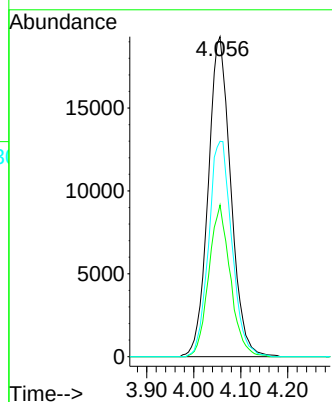
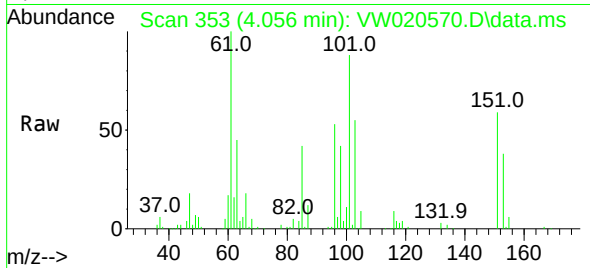




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.752 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW020570.D
 Acq: 18 Oct 2021 18:09

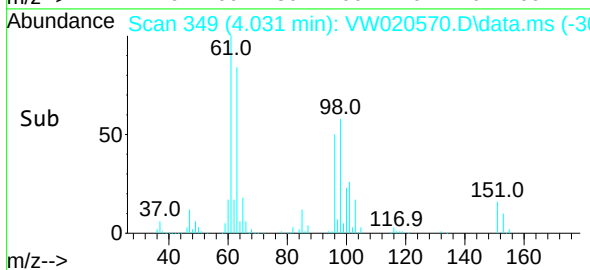
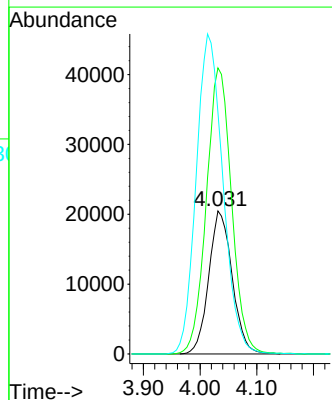
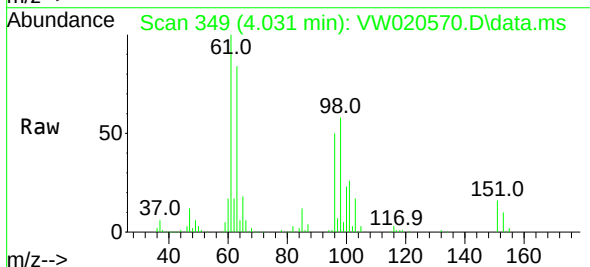
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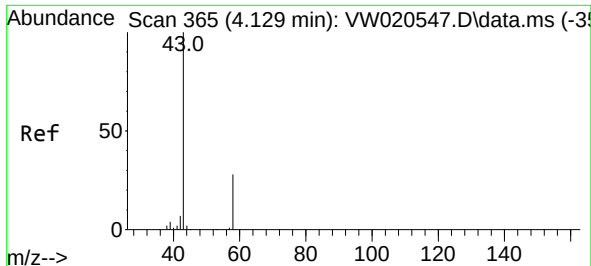
Tgt Ion:101 Resp: 64458
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.3 54.5
 151 69.1 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 18.667 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW020570.D
 Acq: 18 Oct 2021 18:09

Tgt Ion: 96 Resp: 58832
 Ion Ratio Lower Upper
 96 100
 61 200.0 133.9 248.7
 63 168.7 77.3 143.7#

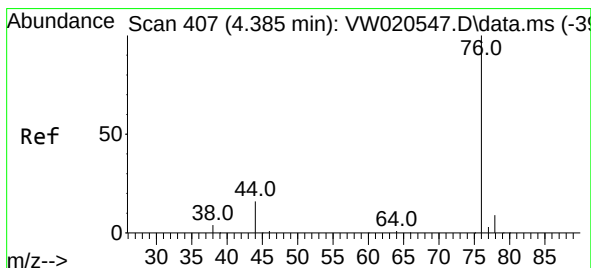
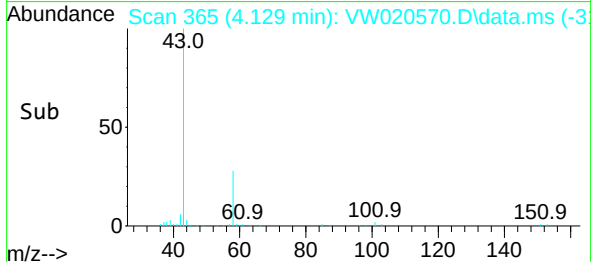
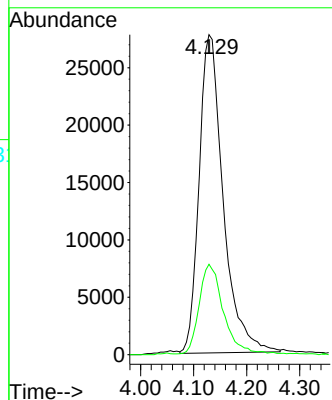
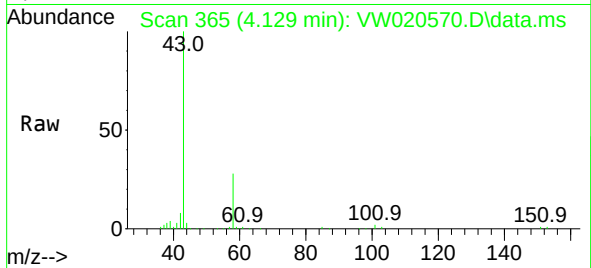




#13
Acetone
Concen: 95.900 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

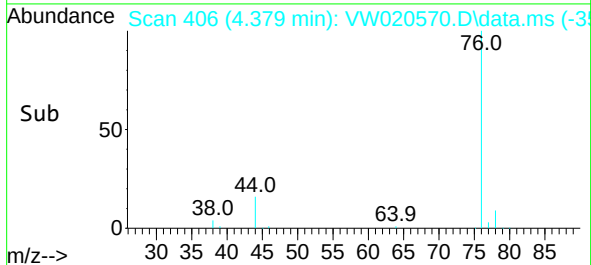
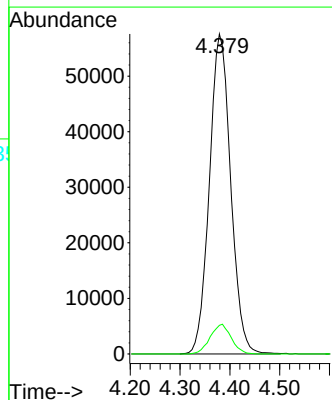
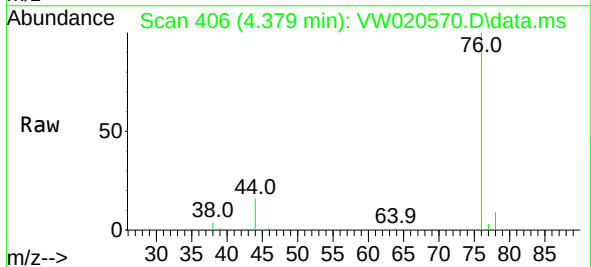
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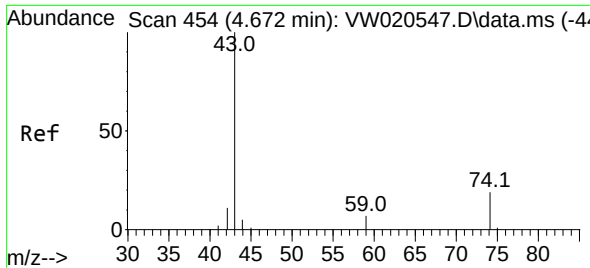
Tgt Ion: 43 Resp: 87400
Ion Ratio Lower Upper
43 100
58 28.0 0.0 58.4



#14
Carbon disulfide
Concen: 16.685 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 76 Resp: 171042
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

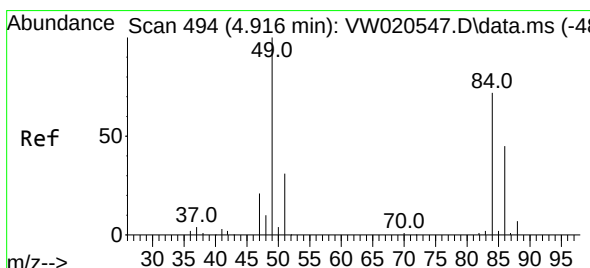
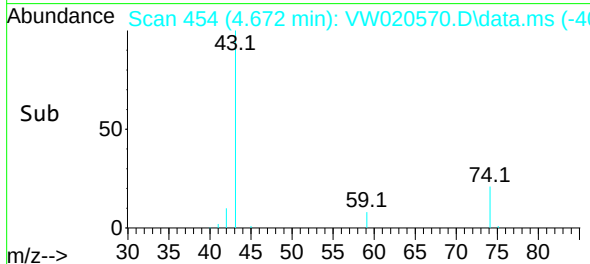
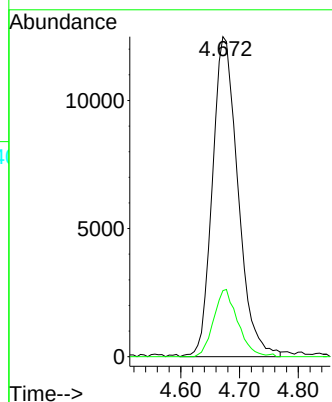
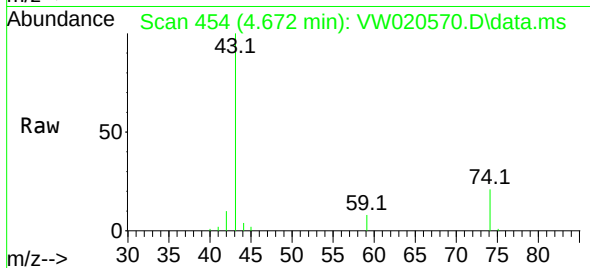




#15
Methyl Acetate
Concen: 22.318 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

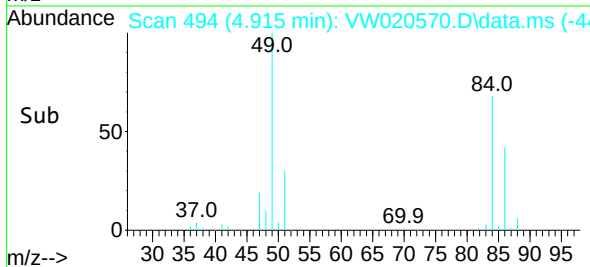
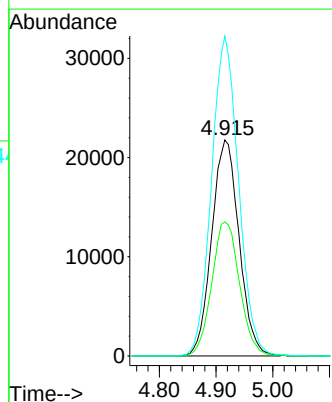
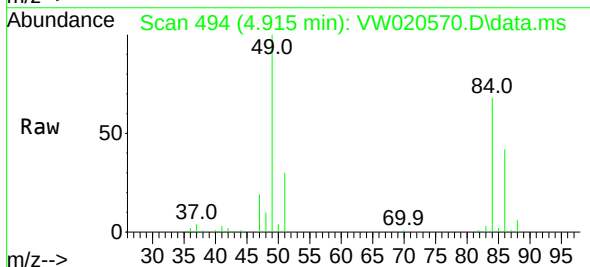
Instrument :
MSVOA_W
ClientSampleId :

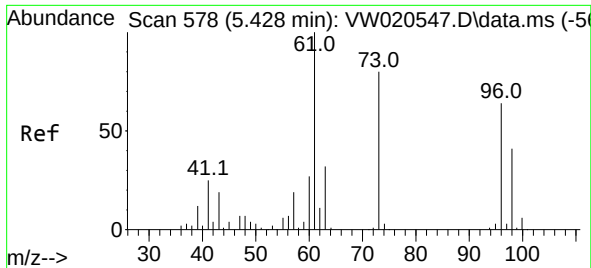
Tgt Ion: 43 Resp: 37773
Ion Ratio Lower Upper
43 100
74 19.7 16.1 24.1



#16
Methylene chloride
Concen: 16.717 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 84 Resp: 72846
Ion Ratio Lower Upper
84 100
86 62.1 44.7 83.1
49 148.1 101.7 188.9

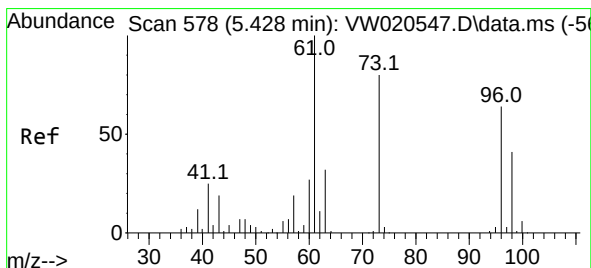
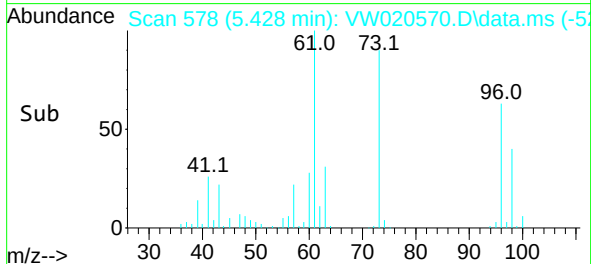
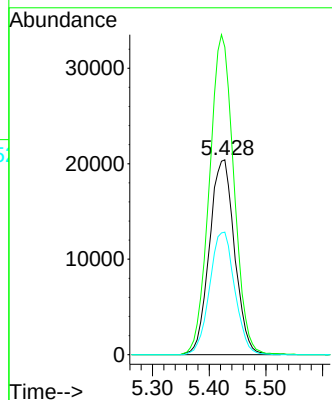
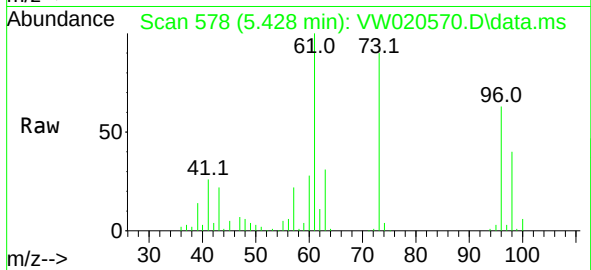




#17
trans-1,2-Dichloroethene
Concen: 19.031 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

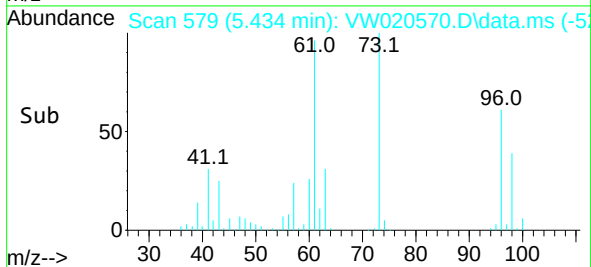
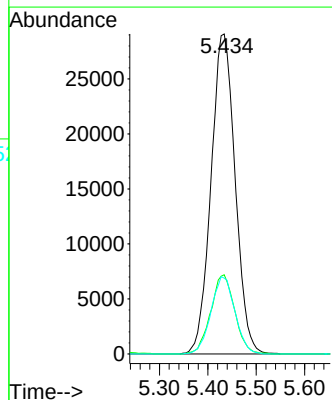
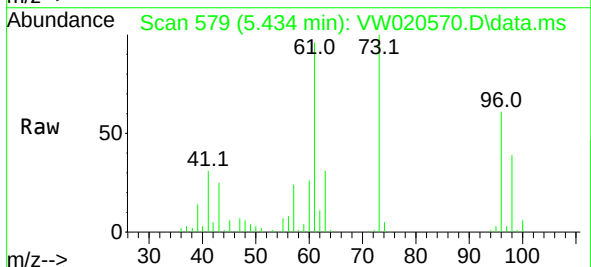
Instrument :
MSVOA_W
ClientSampleId :

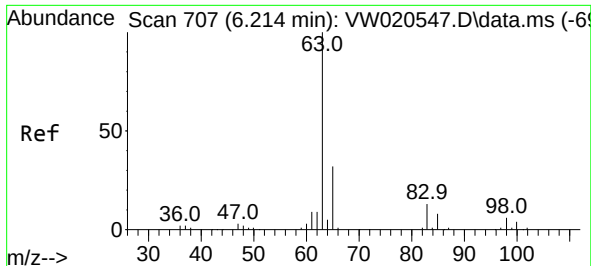
Tgt Ion: 96 Resp: 62931
Ion Ratio Lower Upper
96 100
61 157.8 110.7 205.5
98 62.9 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 21.628 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 73 Resp: 100761
Ion Ratio Lower Upper
73 100
43 24.6 18.9 28.3
57 24.0 18.9 28.3





#19

1,1-Dichloroethane

Concen: 19.815 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

ClientSampleId :

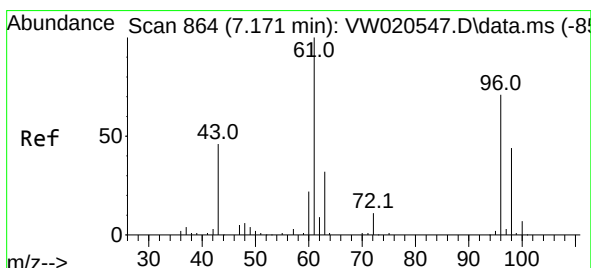
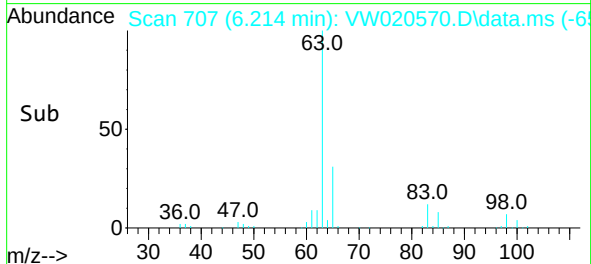
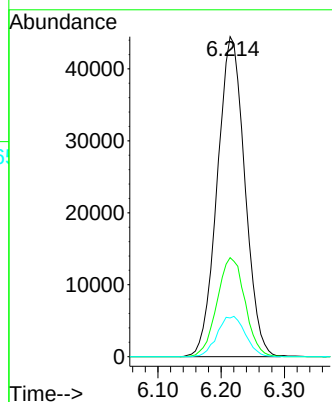
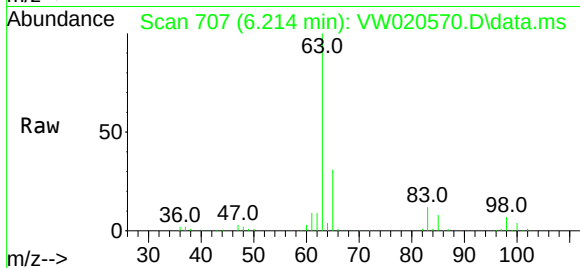
Tgt Ion: 63 Resp: 134321

Ion Ratio Lower Upper

63 100

65 31.0 21.9 40.7

83 12.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 20.350 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

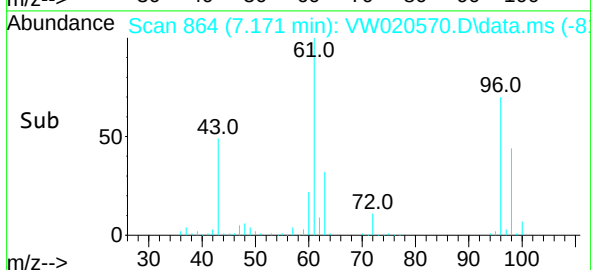
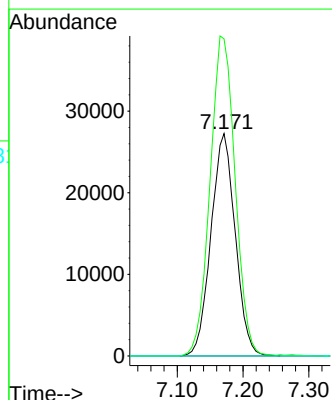
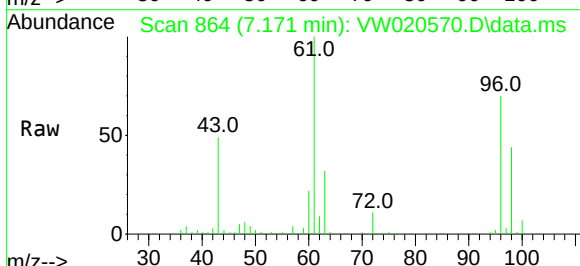
Tgt Ion: 96 Resp: 69941

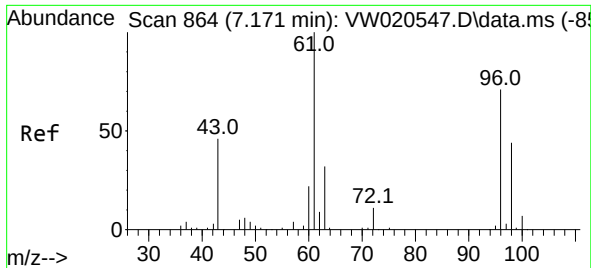
Ion Ratio Lower Upper

96 100

61 142.6 100.3 186.3

68 0.0 0.0 0.0

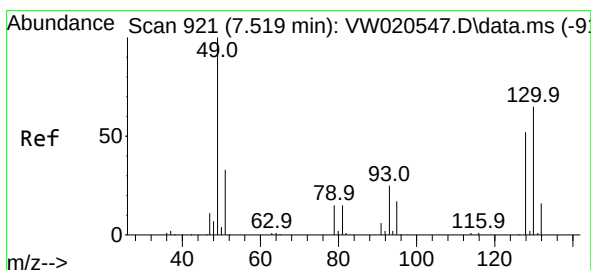
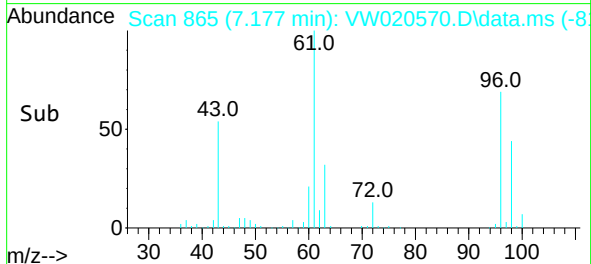
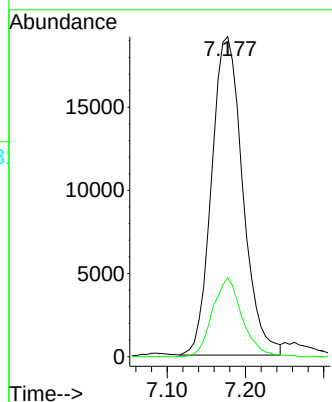
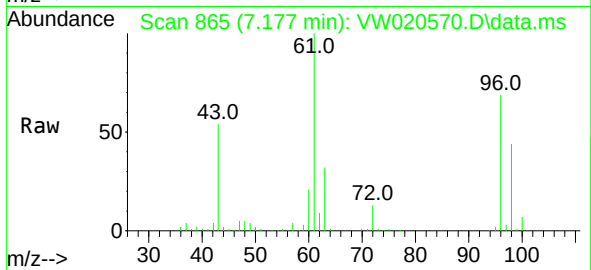




#22
2-Butanone
Concen: 46.501 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

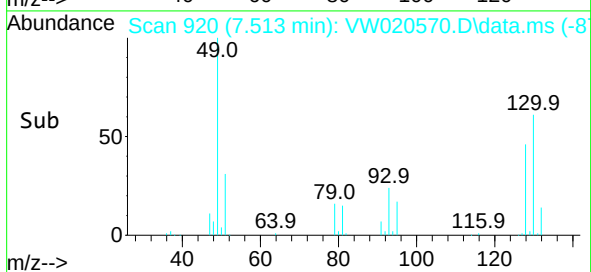
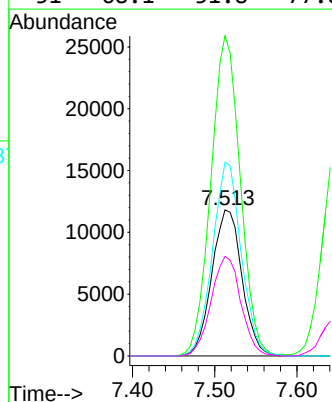
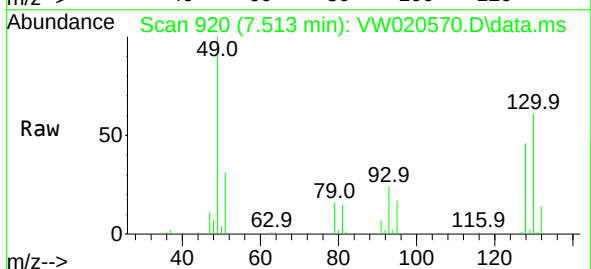
Instrument :
MSVOA_W
ClientSampleId :

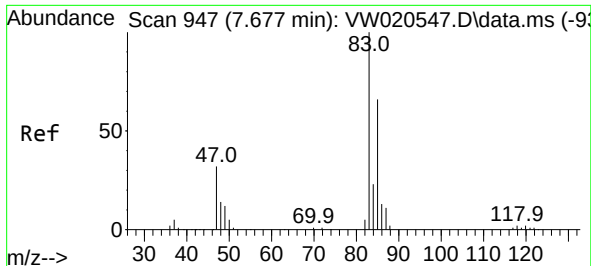
Tgt Ion: 43 Resp: 53049
Ion Ratio Lower Upper
43 100
72 23.6 12.2 36.6



#23
Bromochloromethane
Concen: 19.944 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 128 Resp: 30064
Ion Ratio Lower Upper
128 100
49 219.1 144.1 267.7
130 132.6 89.2 165.6
51 68.1 51.8 77.8

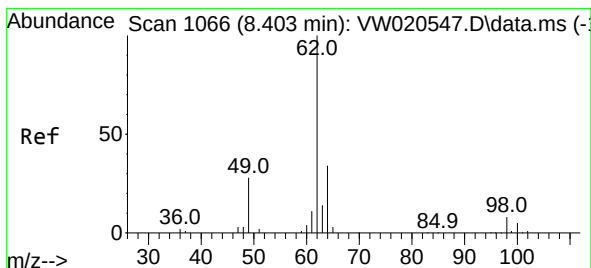
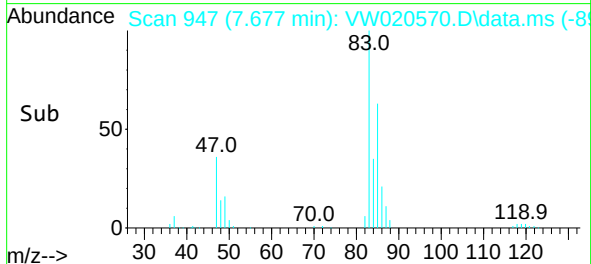
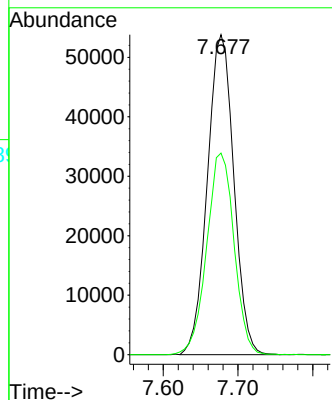
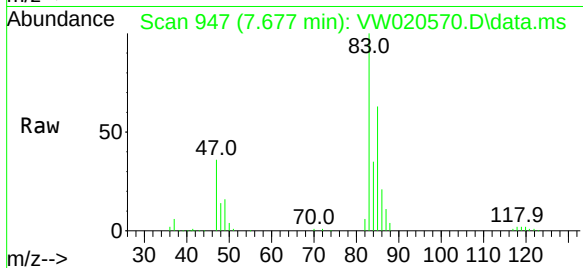




#25
Chloroform
Concen: 20.089 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

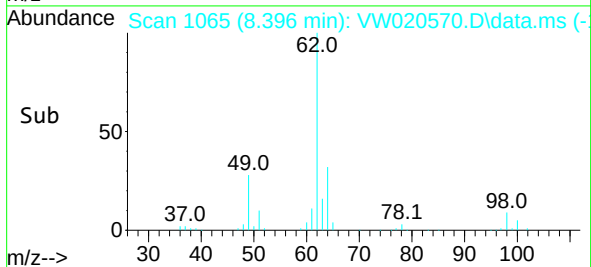
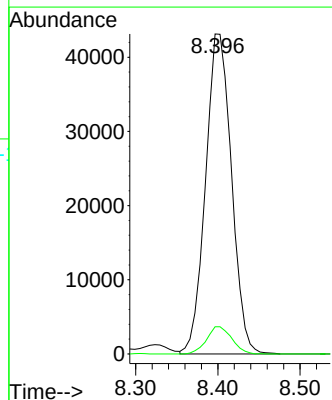
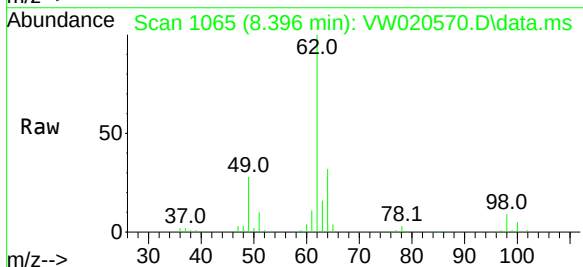
Instrument :
MSVOA_W
ClientSampleId :

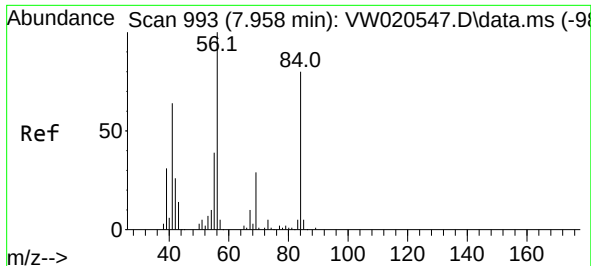
Tgt Ion: 83 Resp: 132389
Ion Ratio Lower Upper
83 100
85 63.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 21.013 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

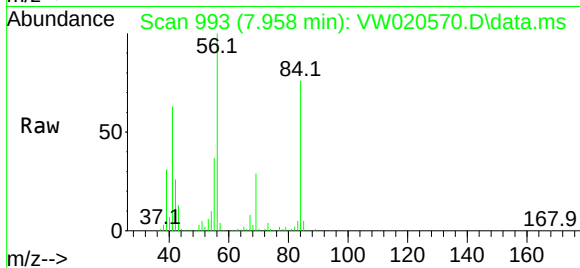
Tgt Ion: 62 Resp: 94712
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0



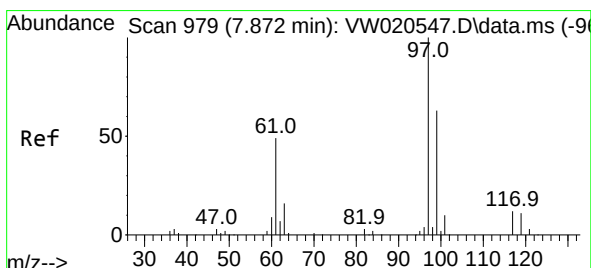
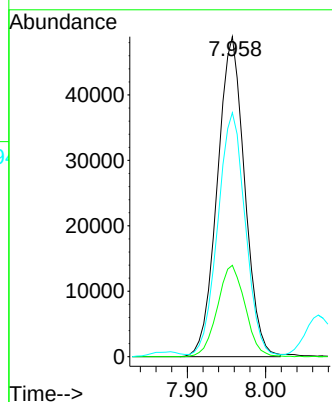
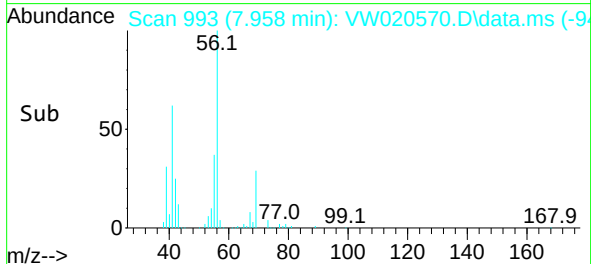


#29
Cyclohexane
Concen: 18.861 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Instrument :
MSVOA_W
ClientSampleId :

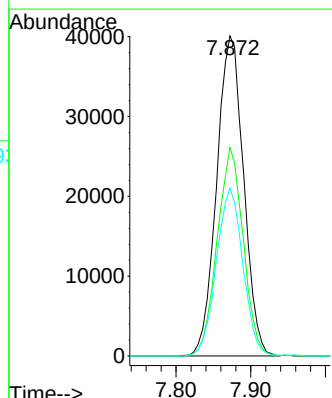
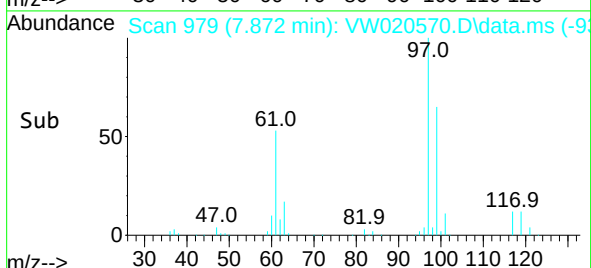
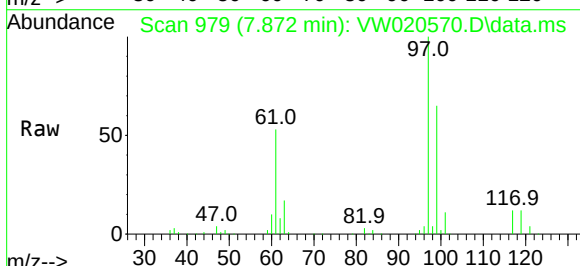


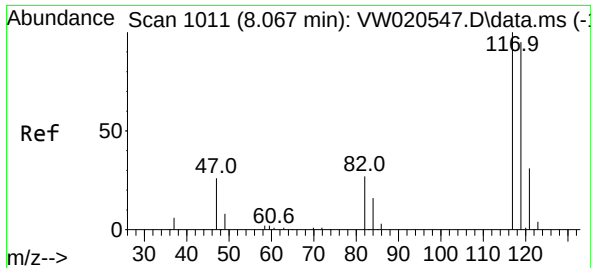
Tgt Ion: 56 Resp: 118515
Ion Ratio Lower Upper
56 100
69 28.9 23.2 34.8
84 75.8 63.7 95.5



#30
1,1,1-Trichloroethane
Concen: 18.877 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 97 Resp: 100652
Ion Ratio Lower Upper
97 100
99 62.8 51.4 77.0
61 51.7 41.0 61.6

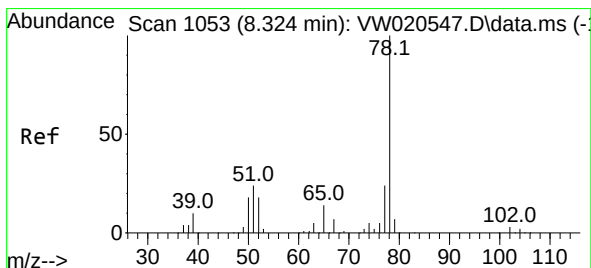
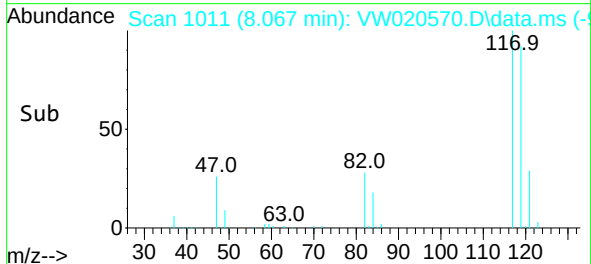
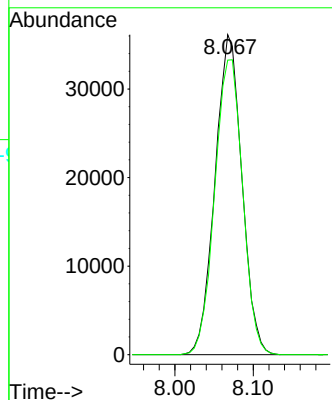
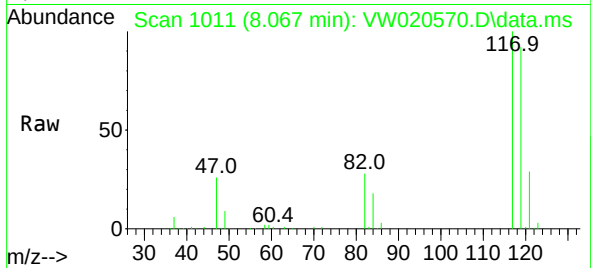




#31
Carbon tetrachloride
Concen: 18.369 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

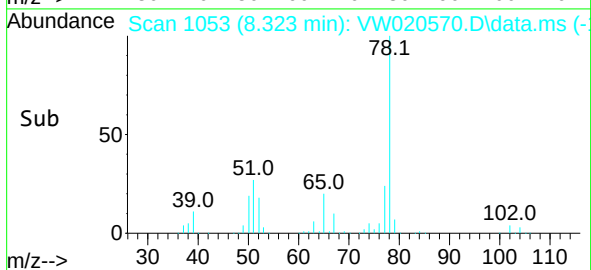
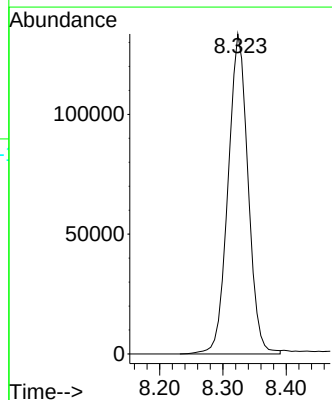
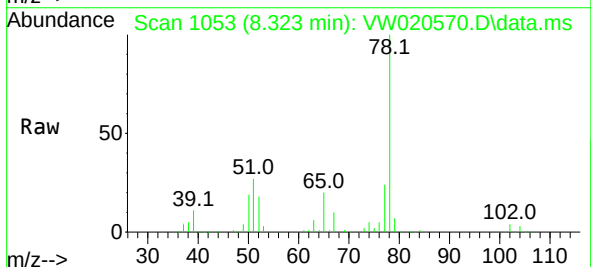
Instrument :
MSVOA_W
ClientSampleId :

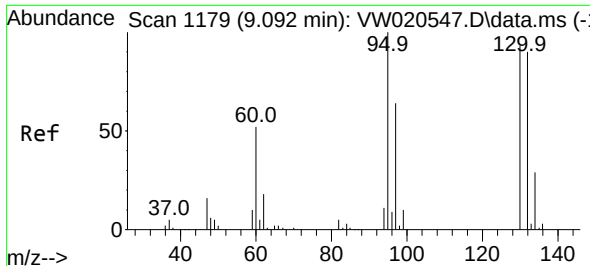
Tgt Ion:117 Resp: 86111
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4



#33
Benzene
Concen: 19.194 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

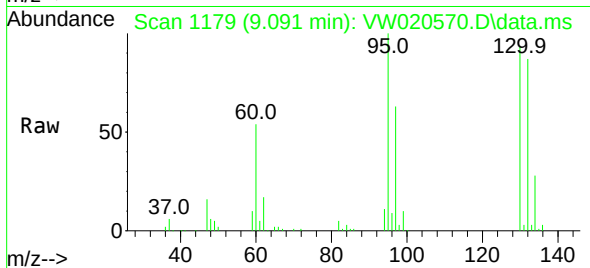
Tgt Ion: 78 Resp: 293415





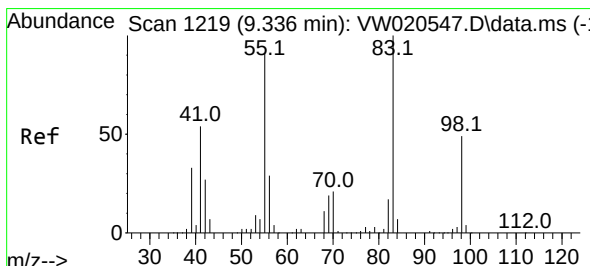
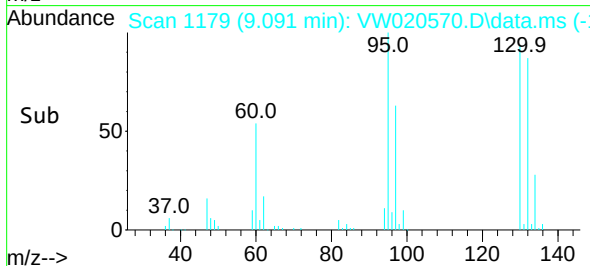
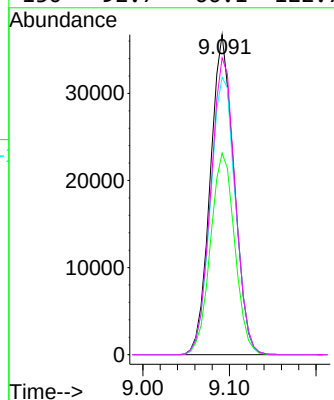
#34
Trichloroethene
Concen: 18.582 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 69980

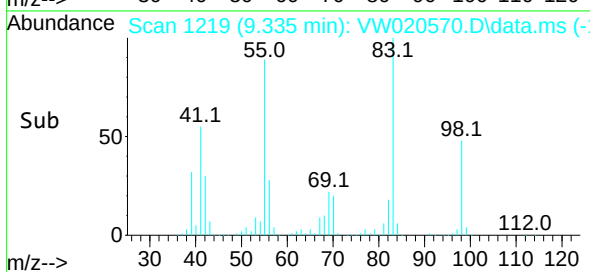
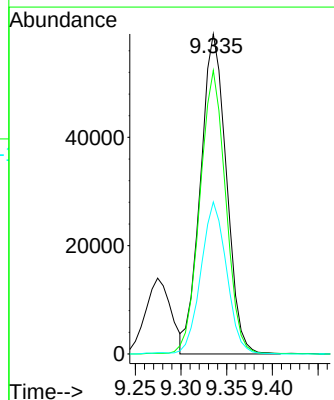
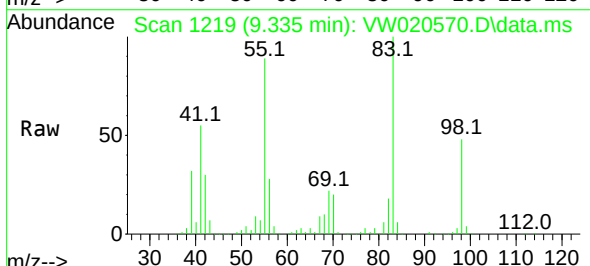
Ion	Ratio	Lower	Upper
95	100		
97	63.0	43.2	80.2
132	86.6	62.3	115.7
130	92.7	66.1	122.7

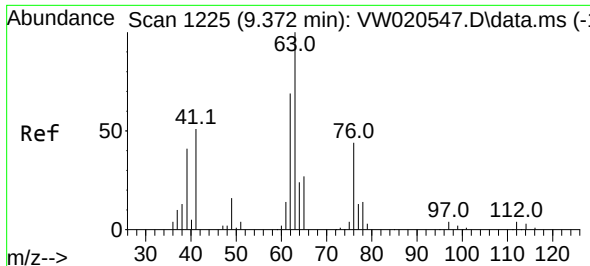


#35
Methylcyclohexane
Concen: 18.075 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 83 Resp: 116494

Ion	Ratio	Lower	Upper
83	100		
55	87.9	69.7	104.5
98	47.0	38.2	57.2





#37

1,2-Dichloropropane

Concen: 19.793 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

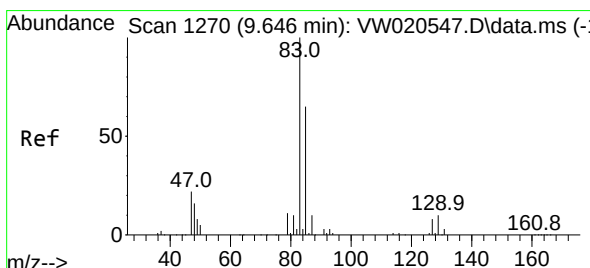
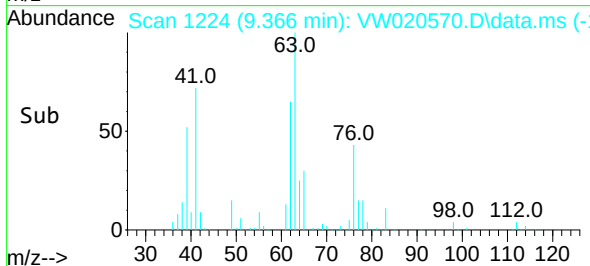
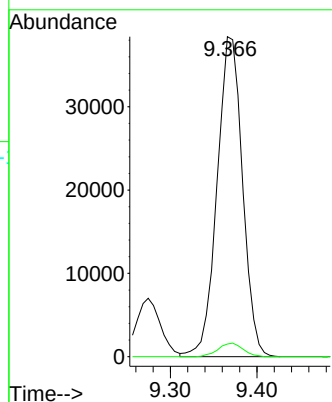
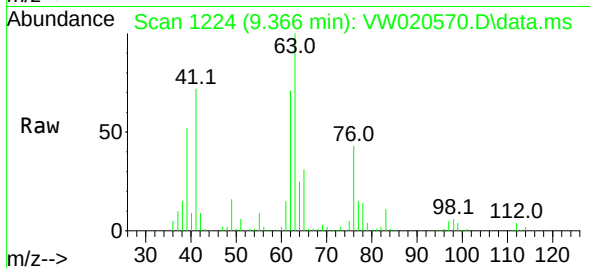
ClientSampleId :

Tgt Ion: 63 Resp: 78358

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 19.962 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

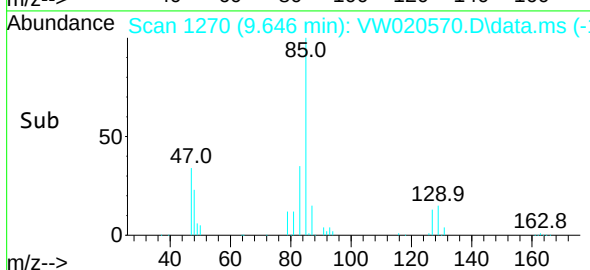
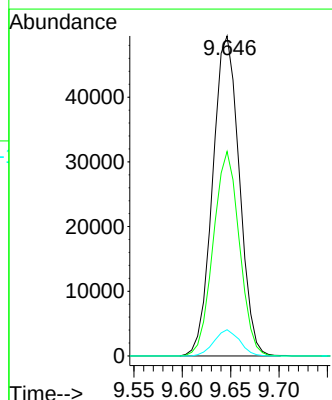
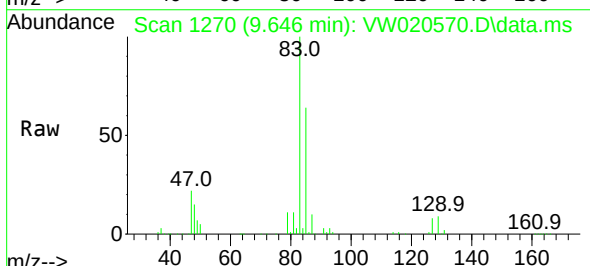
Tgt Ion: 83 Resp: 94748

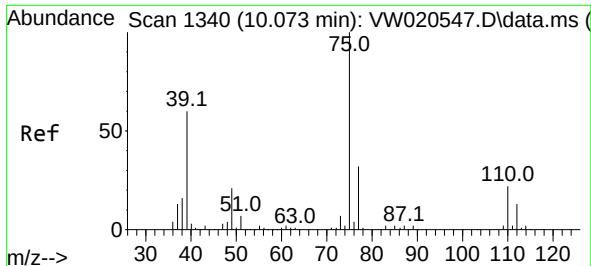
Ion Ratio Lower Upper

83 100

85 63.9 43.4 80.6

127 8.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.126 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

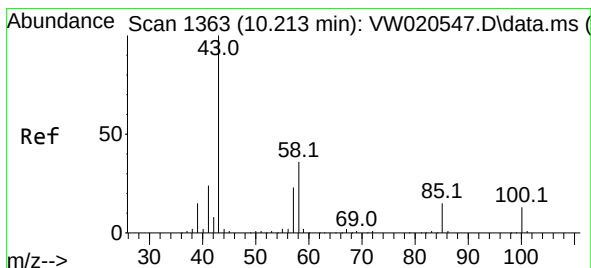
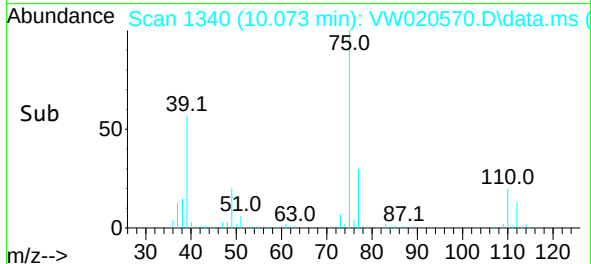
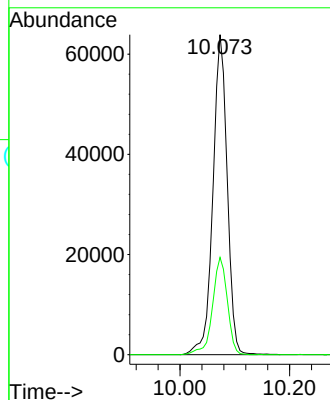
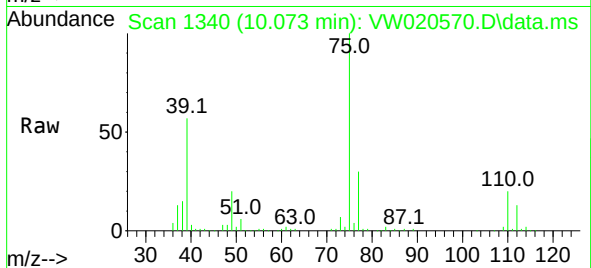
ClientSampleId :

Tgt Ion: 75 Resp: 115392

Ion Ratio Lower Upper

75 100

77 30.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 45.637 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

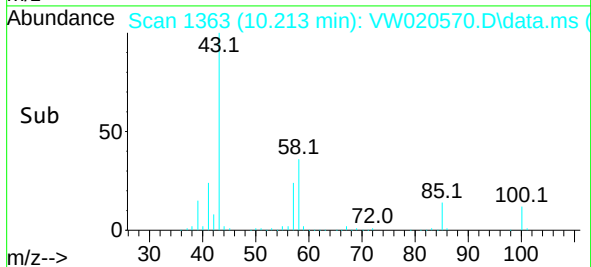
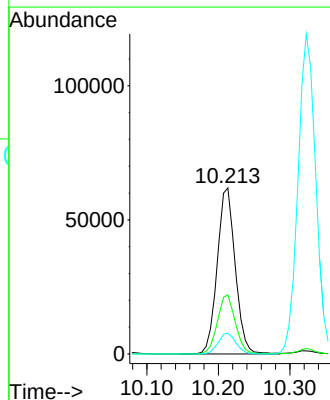
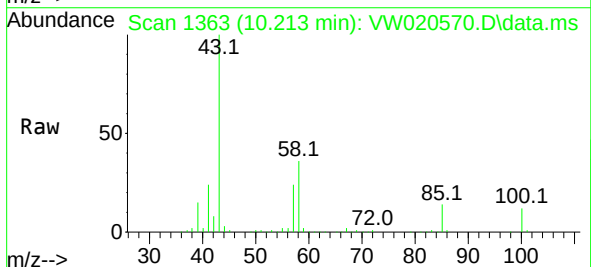
Tgt Ion: 43 Resp: 108438

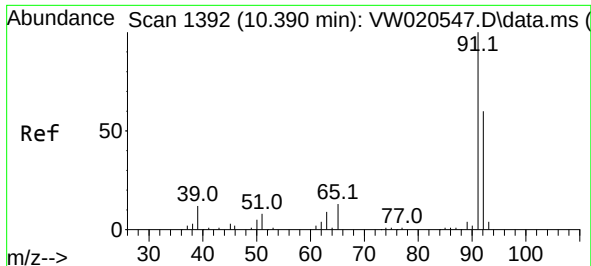
Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.4

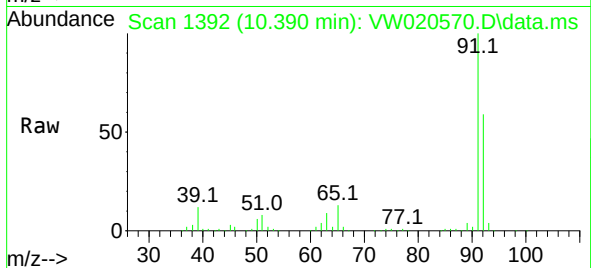
100 12.4 10.2 15.4



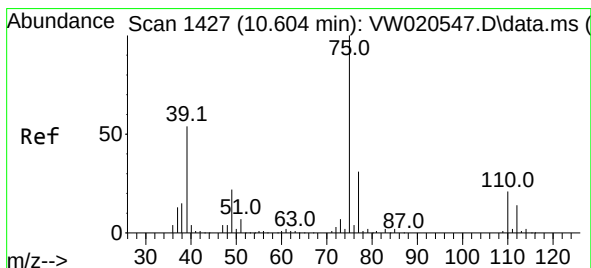
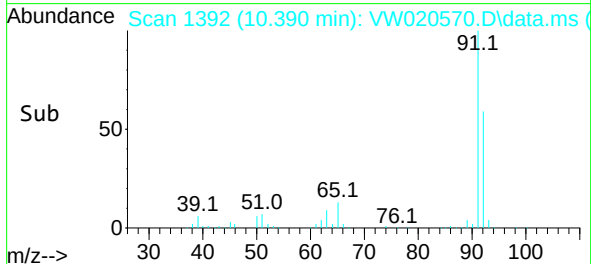
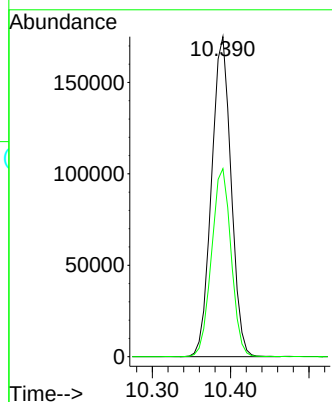


#42
Toluene
Concen: 19.748 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Instrument :
MSVOA_W
ClientSampleId :

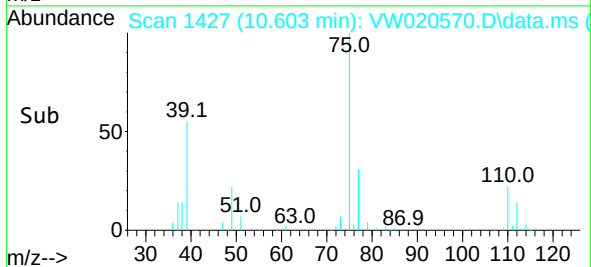
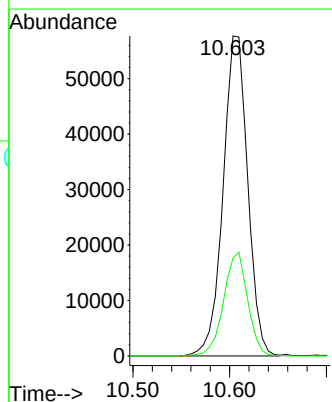
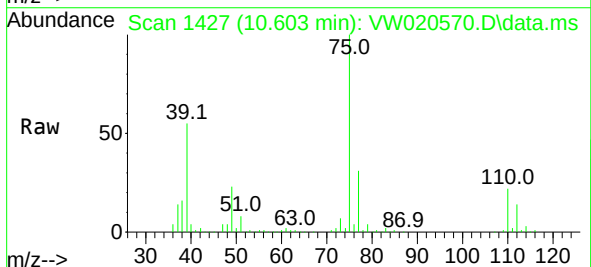


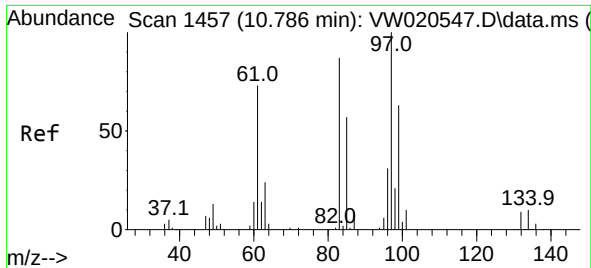
Tgt Ion: 91 Resp: 302814
Ion Ratio Lower Upper
91 100
92 58.7 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 21.190 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 75 Resp: 102029
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 20.602 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 52367

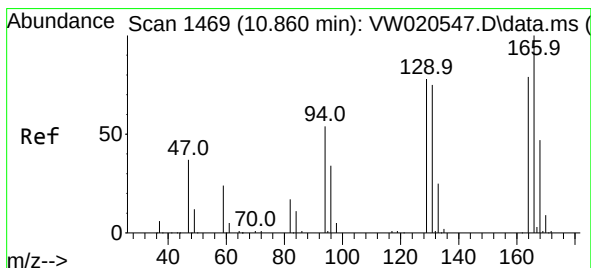
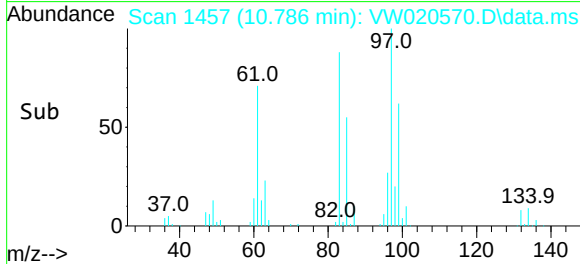
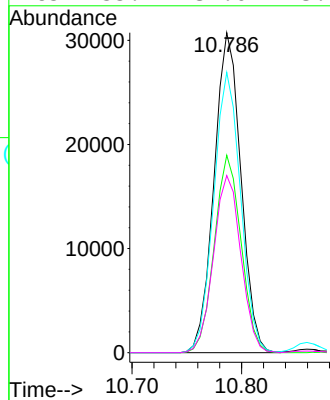
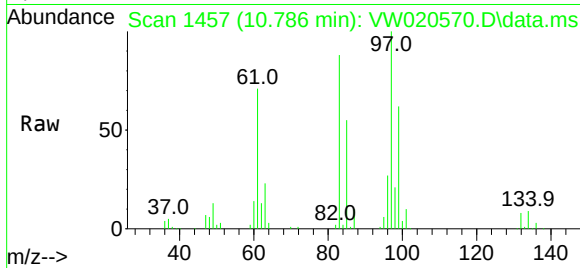
Ion Ratio Lower Upper

97 100

99 61.7 42.8 79.4

83 87.6 60.9 113.1

85 55.4 39.6 73.6



#46

Tetrachloroethene

Concen: 17.988 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Tgt Ion:164 Resp: 48658

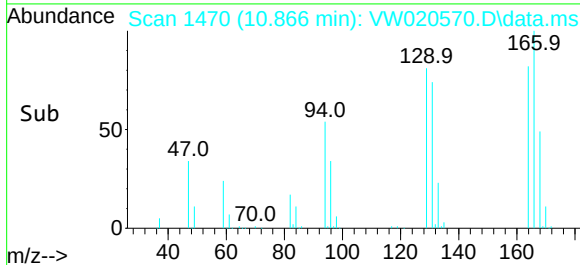
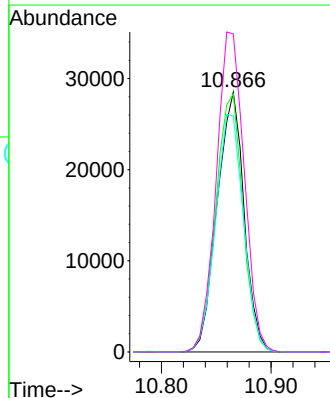
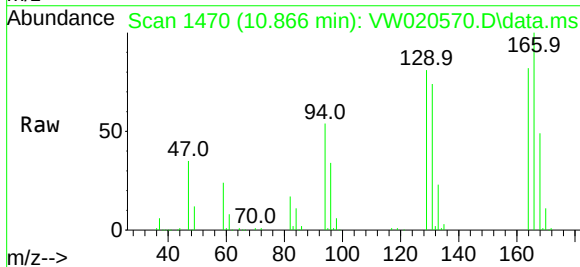
Ion Ratio Lower Upper

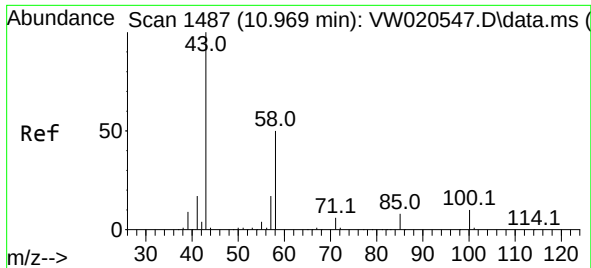
164 100

129 99.3 69.1 128.3

131 90.9 58.3 108.3

166 122.4 90.4 168.0

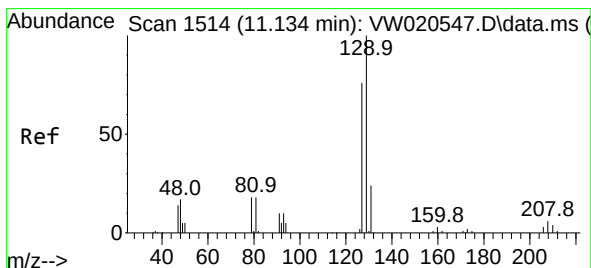
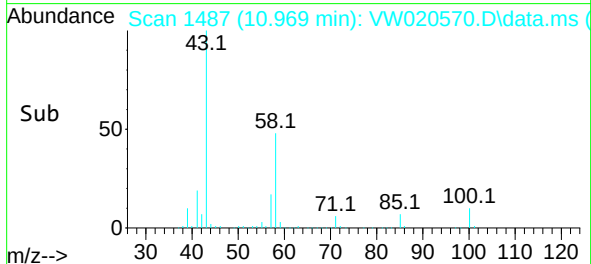
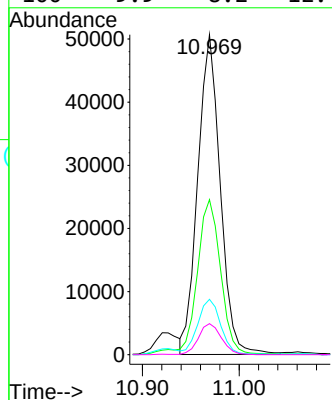
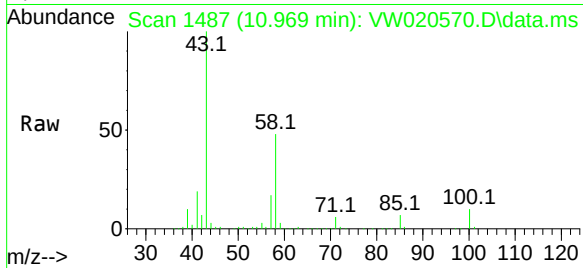




#48
2-Hexanone
Concen: 47.090 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

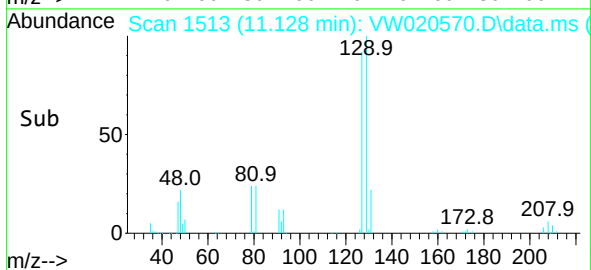
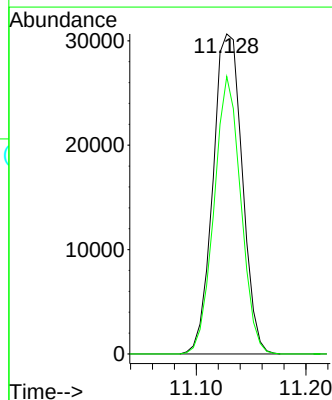
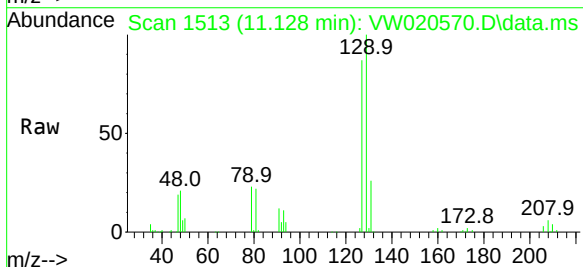
Instrument :
MSVOA_W
ClientSampleId :

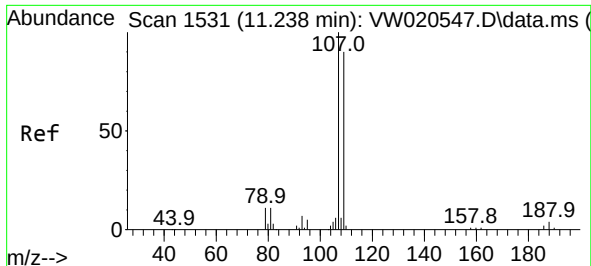
Tgt Ion: 43	Resp: 82093
Ion Ratio	Lower Upper
43 100	
58 49.3	39.5 59.3
57 17.7	14.2 21.4
100 9.9	8.2 12.4



#49
Dibromochloromethane
Concen: 20.351 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion:129	Resp:	56990	
Ion	Ratio	Lower	Upper
129	100		
127	86.7	55.1	102.3

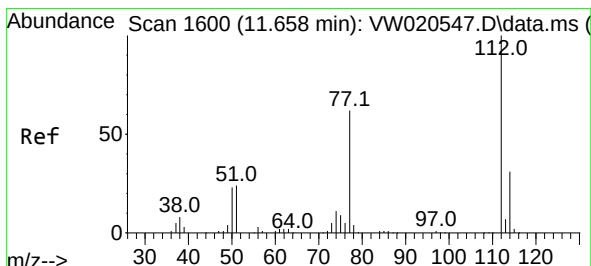
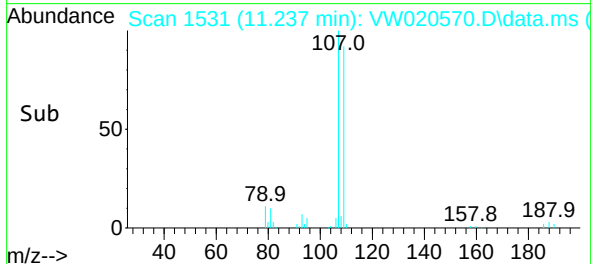
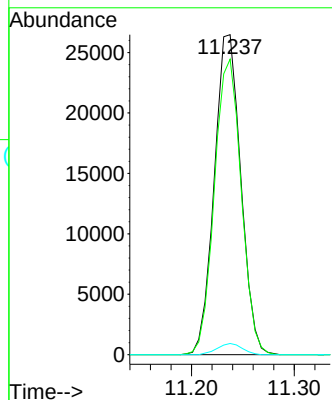
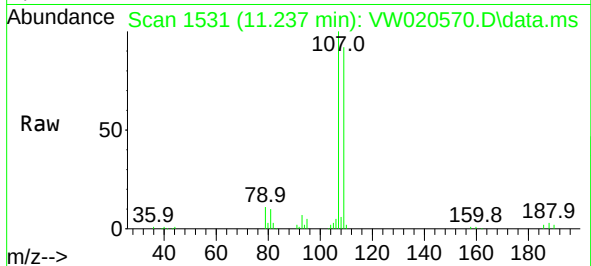




#50
1,2-Dibromoethane
Concen: 20.338 ug/L
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

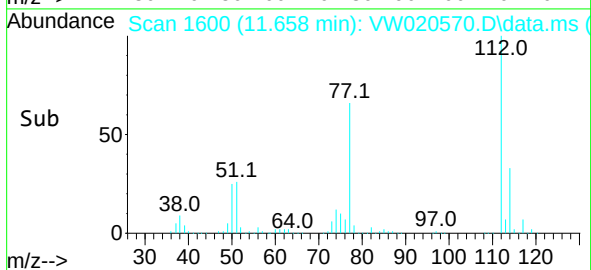
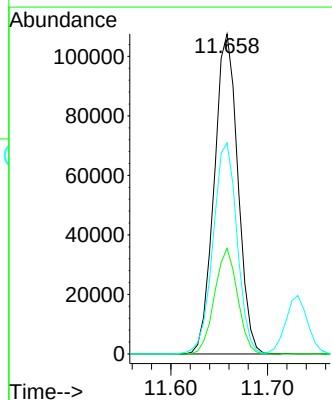
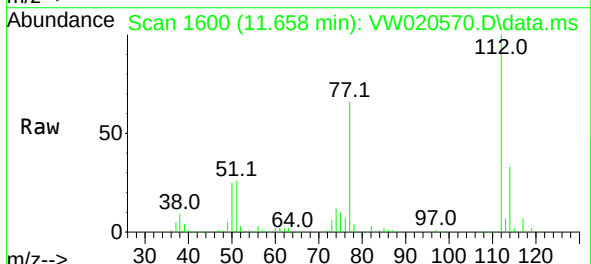
Instrument :
MSVOA_W
ClientSampleId :

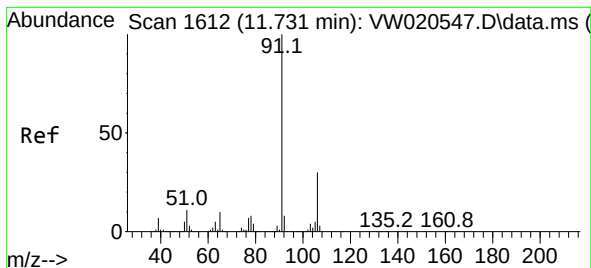
Tgt Ion:107 Resp: 47484
Ion Ratio Lower Upper
107 100
109 92.4 64.5 119.9
188 3.5 3.2 4.8



#51
Chlorobenzene
Concen: 19.303 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion:112 Resp: 182521
Ion Ratio Lower Upper
112 100
114 33.0 22.3 41.5
77 66.0 50.7 76.1

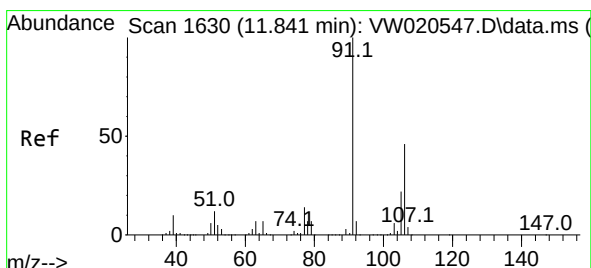
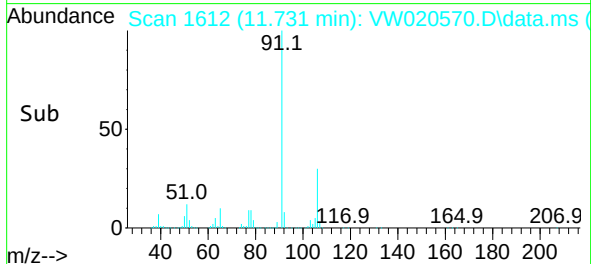
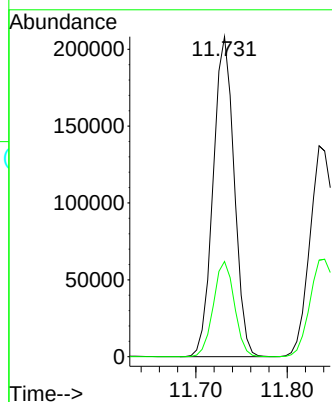
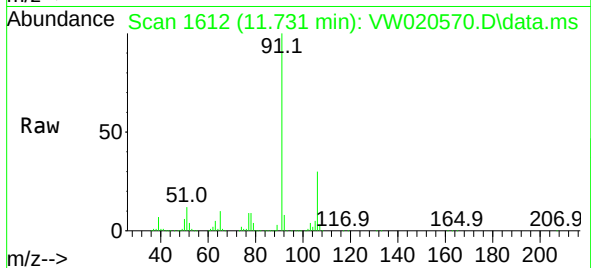




#52
Ethylbenzene
Concen: 20.015 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

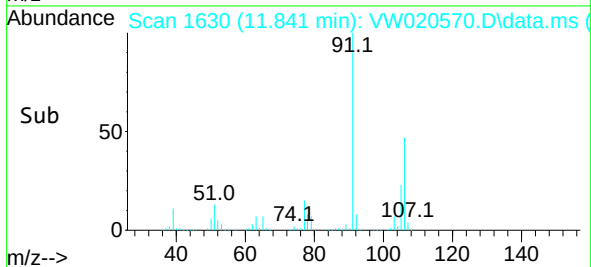
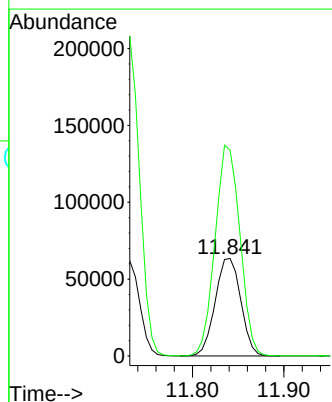
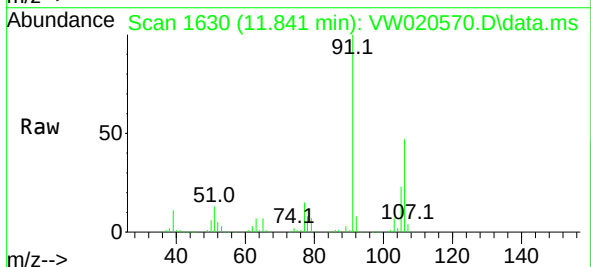
Instrument :
MSVOA_W
ClientSampleId :

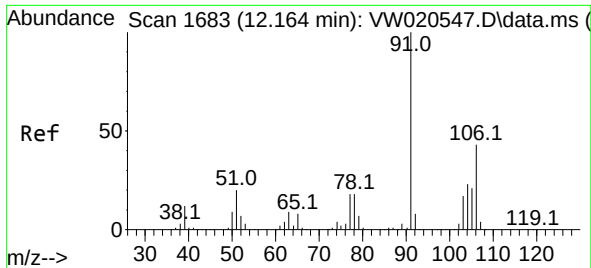
Tgt Ion: 91 Resp: 332796
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.5



#53
m,p-Xylene
Concen: 20.026 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion:106 Resp: 123381
Ion Ratio Lower Upper
106 100
91 210.9 148.2 275.2

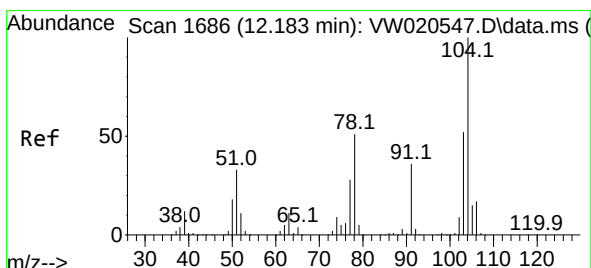
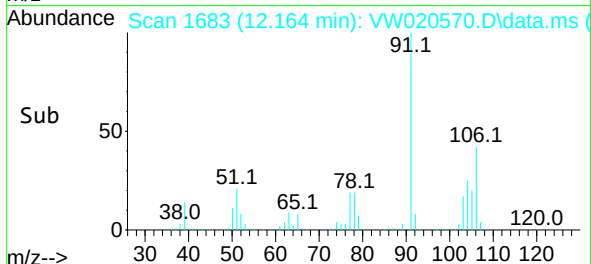
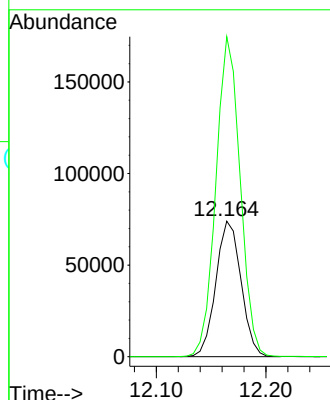
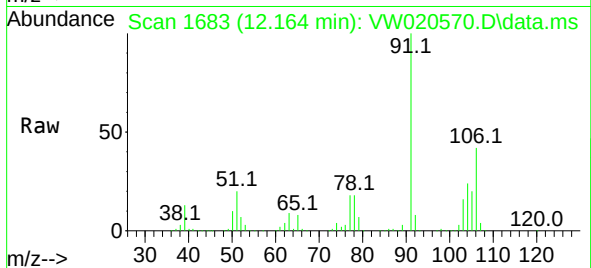




#54
o-Xylene
Concen: 20.762 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

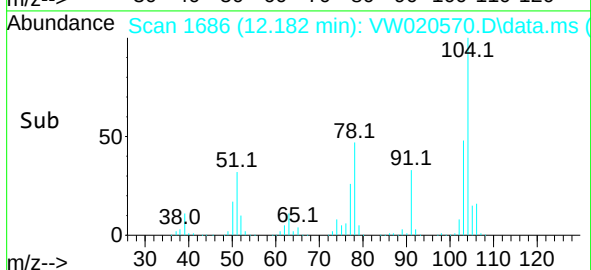
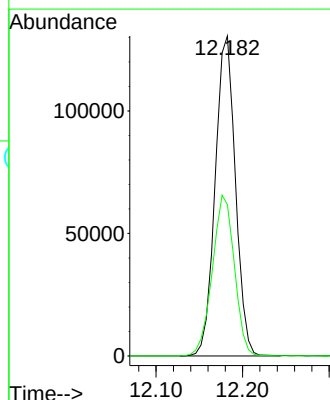
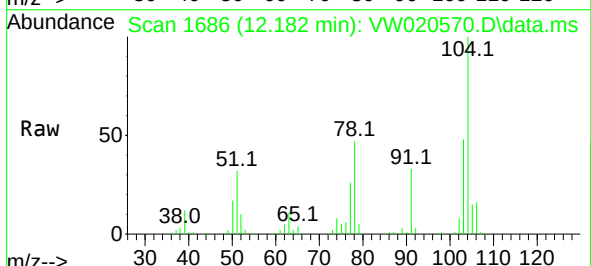
Instrument :
MSVOA_W
ClientSampleId :

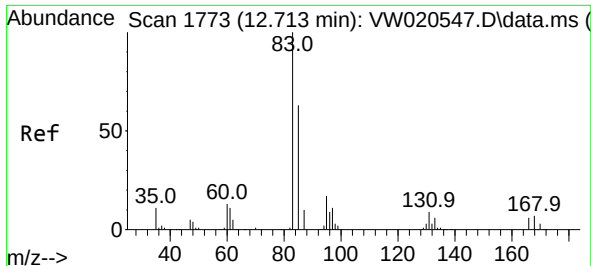
Tgt Ion:106 Resp: 118126
Ion Ratio Lower Upper
106 100
91 236.2 156.1 289.9



#55
Styrene
Concen: 21.320 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion:104 Resp: 212098
Ion Ratio Lower Upper
104 100
78 47.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 21.027 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020570.D

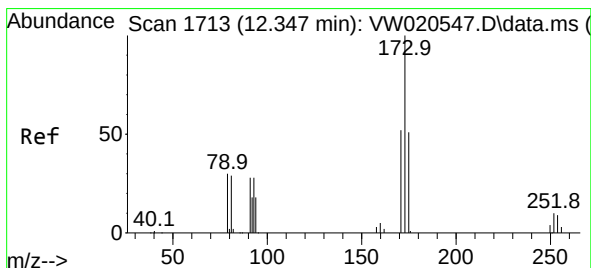
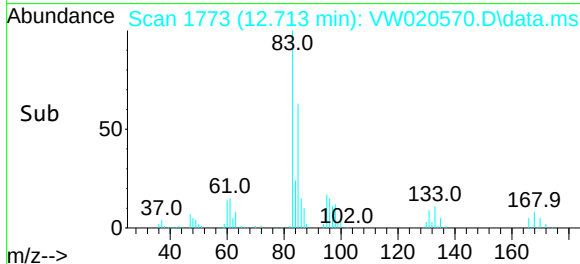
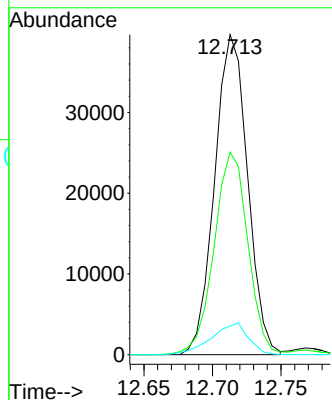
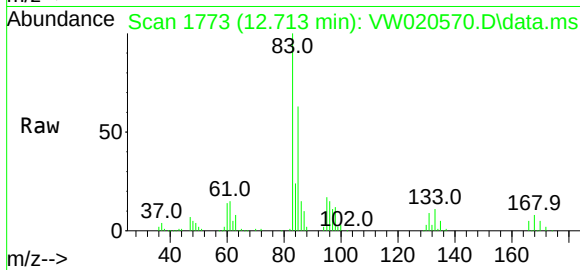
Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 66256
Ion Ratio	Lower Upper
83 100	
85 63.3	45.9 85.3
131 8.9	7.4 11.2



#59

Bromoform

Concen: 20.279 ug/L

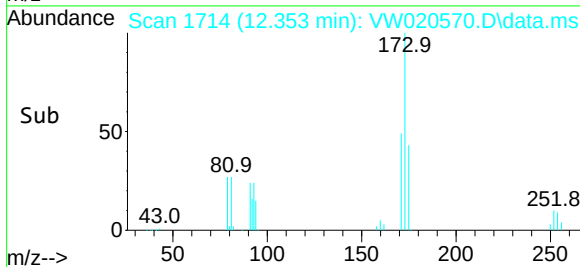
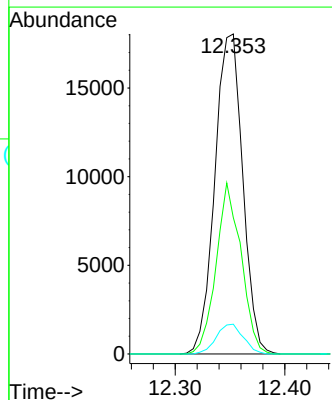
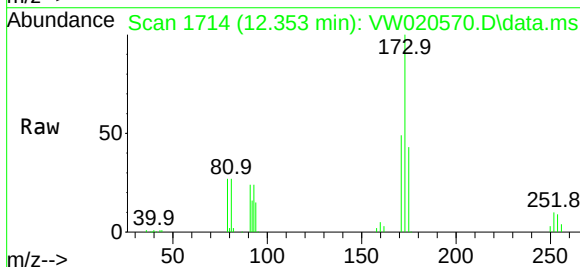
RT: 12.353 min Scan# 1714

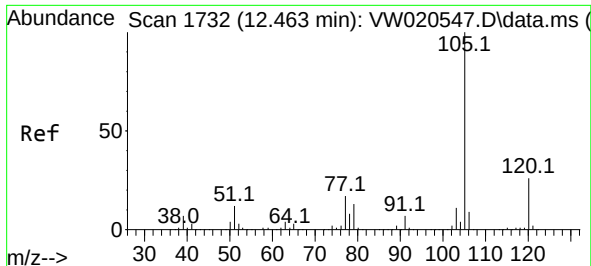
Delta R.T. 0.006 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Tgt Ion: 173	Resp: 31875
Ion Ratio	Lower Upper
173 100	
175 47.9	38.6 57.8
254 9.0	7.3 10.9

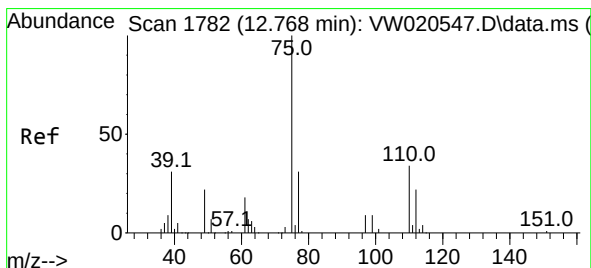
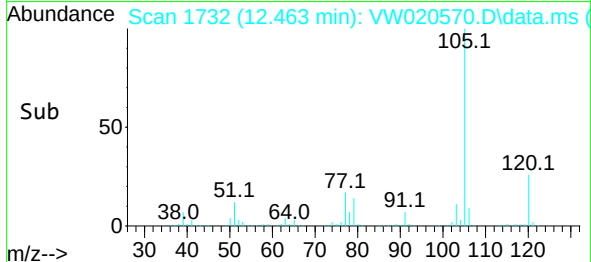
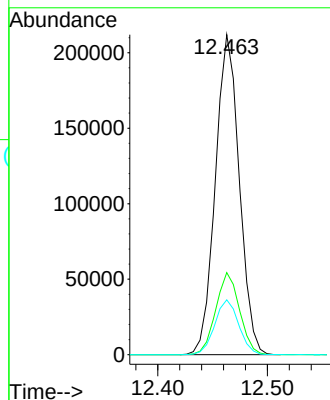
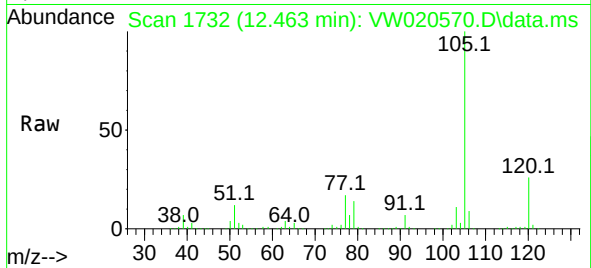




#60
Isopropylbenzene
Concen: 19.549 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

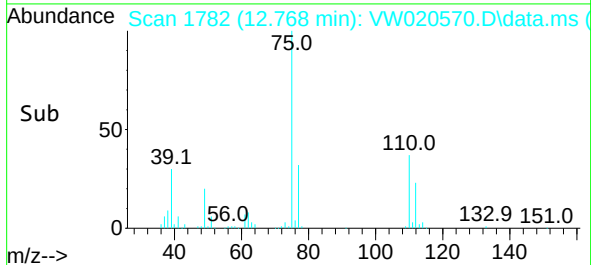
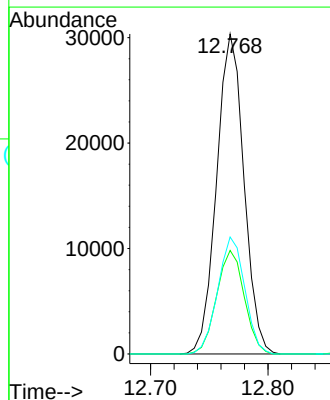
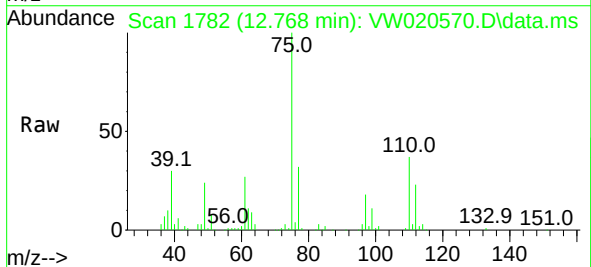
Instrument :
MSVOA_W
ClientSampleId :

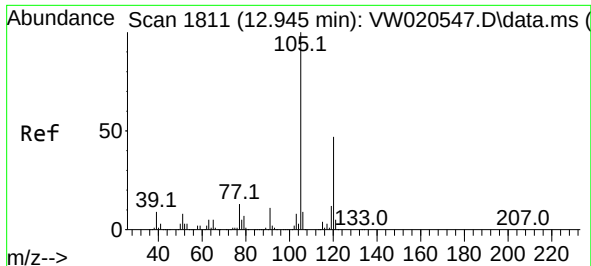
Tgt Ion:105 Resp: 321926
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 17.2 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 19.830 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 75 Resp: 49016
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
110 36.2 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 20.258 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

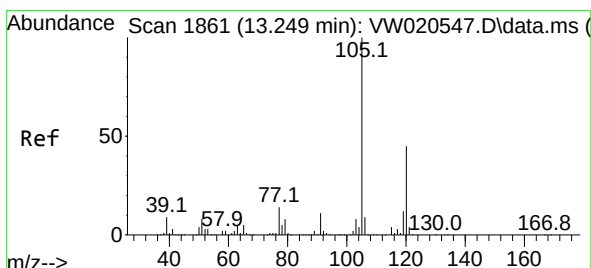
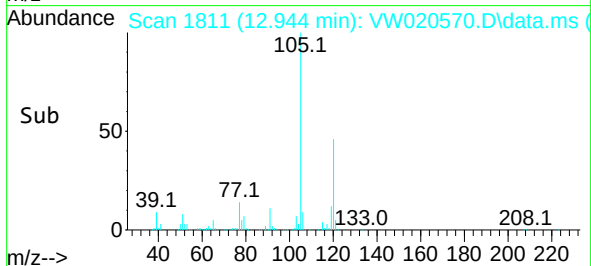
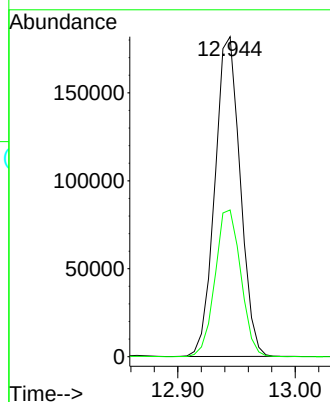
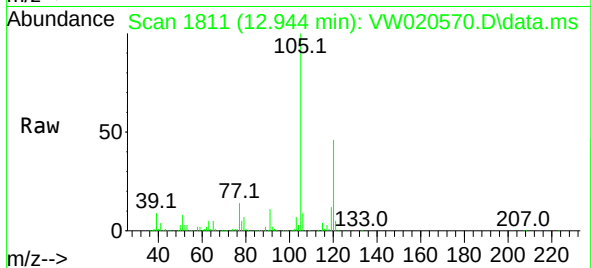
ClientSampleId :

Tgt Ion:105 Resp: 272375

Ion Ratio Lower Upper

105 100

120 46.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 20.801 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020570.D

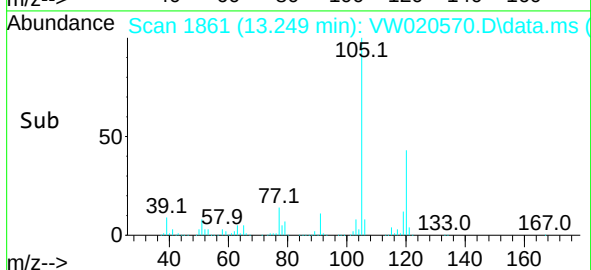
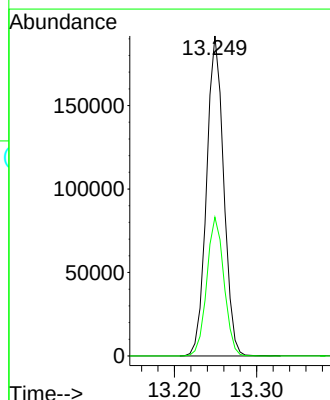
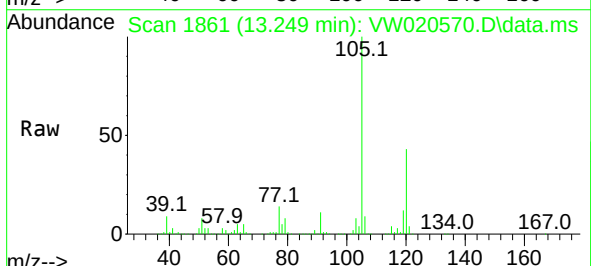
Acq: 18 Oct 2021 18:09

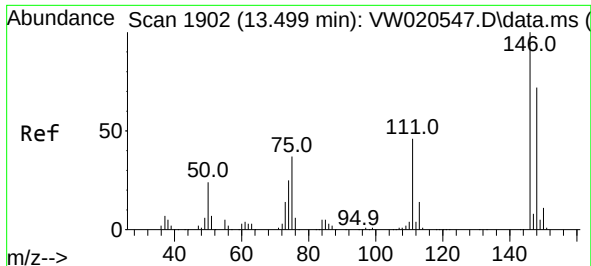
Tgt Ion:105 Resp: 277034

Ion Ratio Lower Upper

105 100

120 43.5 35.4 53.2

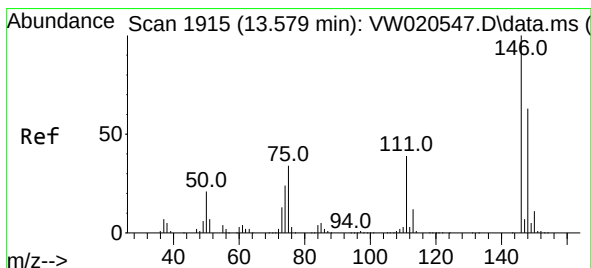
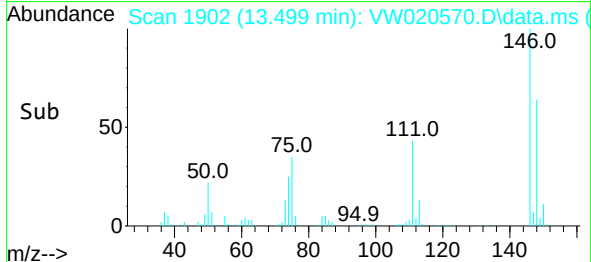
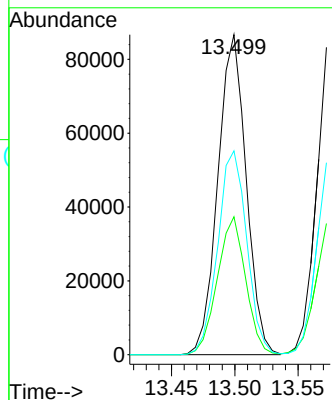
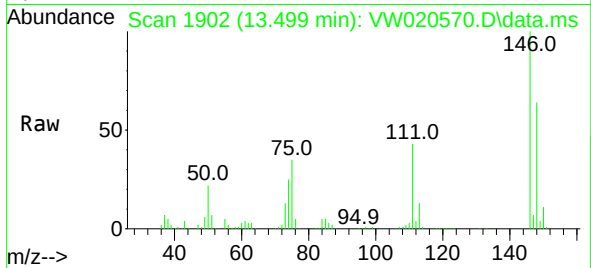




#64
1,3-Dichlorobenzene
Concen: 18.938 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

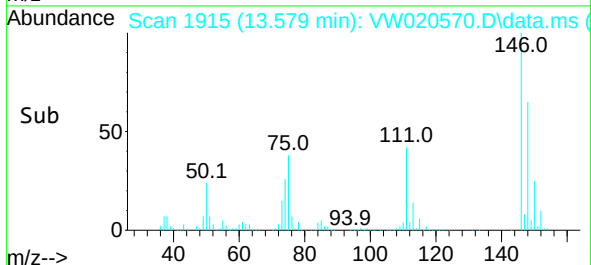
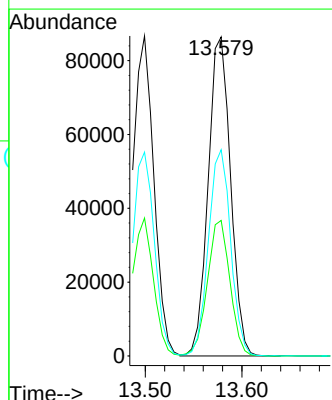
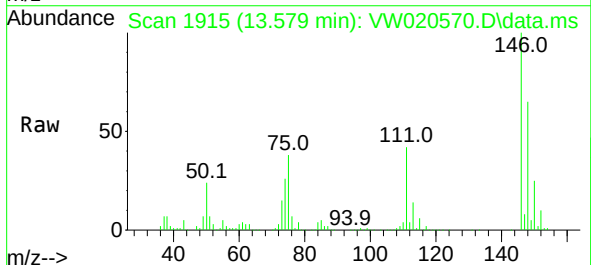
Instrument :
MSVOA_W
ClientSampleId :

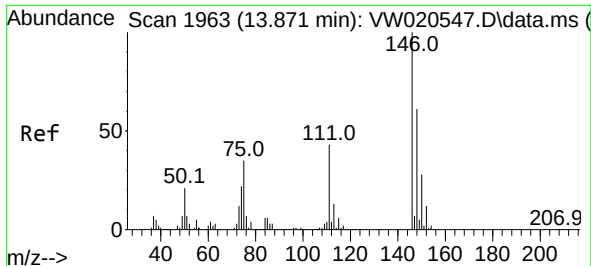
Tgt Ion:146 Resp: 134943
Ion Ratio Lower Upper
146 100
111 43.1 29.0 53.8
148 63.7 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 18.893 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020570.D
Acq: 18 Oct 2021 18:09

Tgt Ion:146 Resp: 139243
Ion Ratio Lower Upper
146 100
111 42.5 30.9 57.5
148 64.7 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 19.544 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

ClientSampleId :

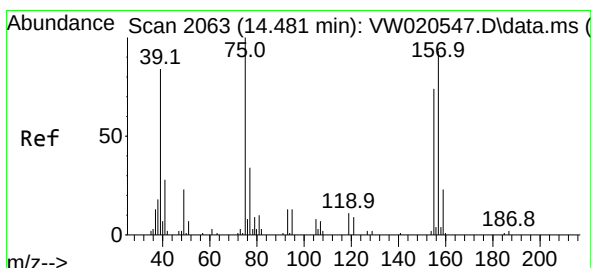
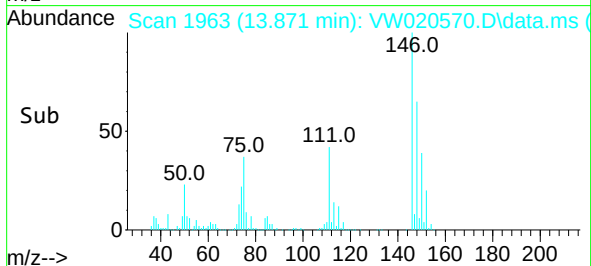
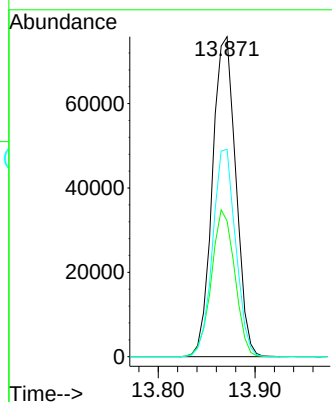
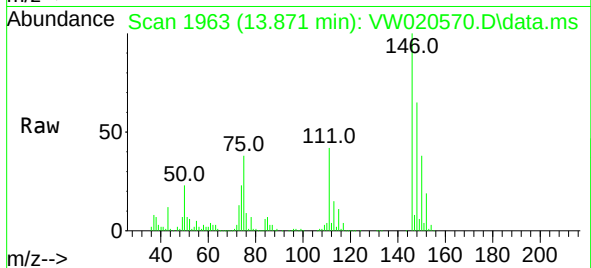
Tgt Ion:146 Resp: 127582

Ion Ratio Lower Upper

146 100

111 42.4 33.9 50.9

148 64.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.042 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

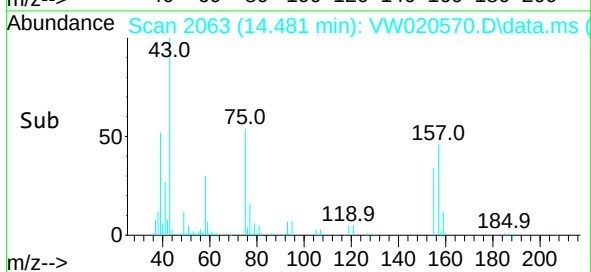
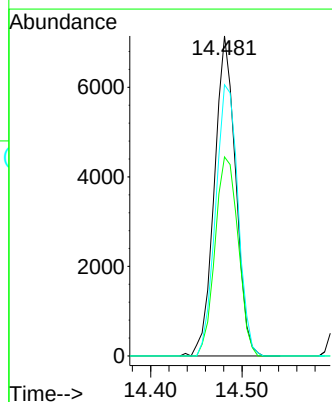
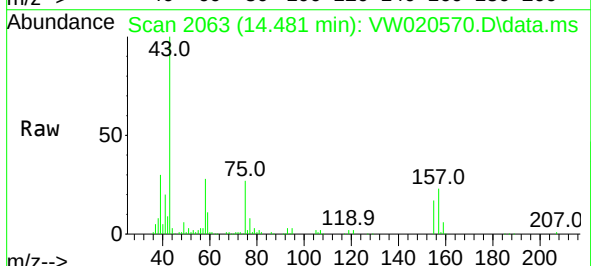
Tgt Ion: 75 Resp: 11573

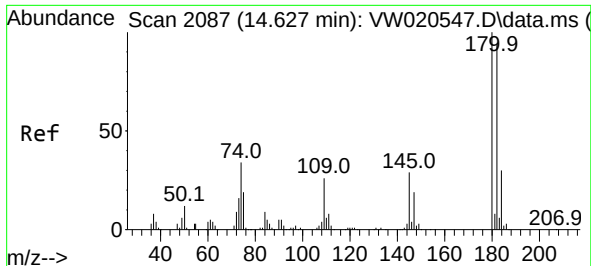
Ion Ratio Lower Upper

75 100

155 62.2 51.4 77.0

157 84.7 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 19.466 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

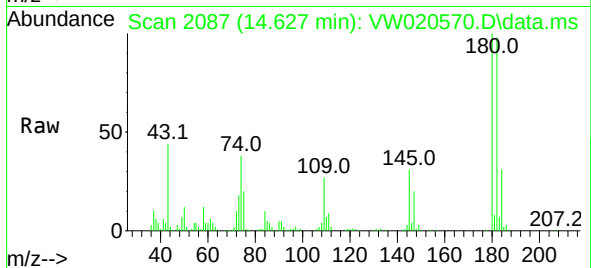
Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 98907

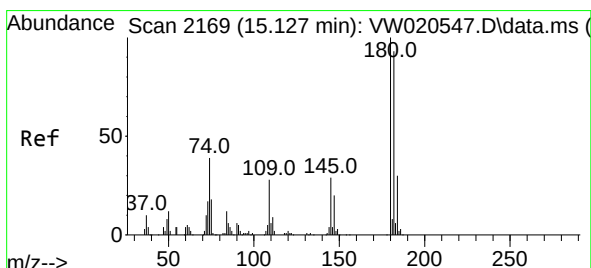
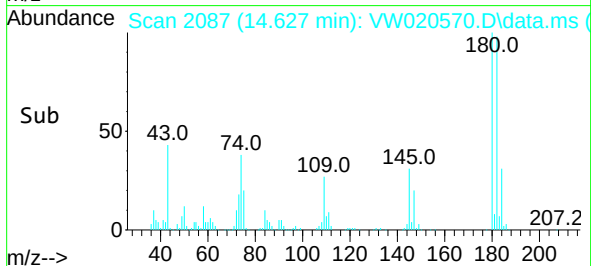
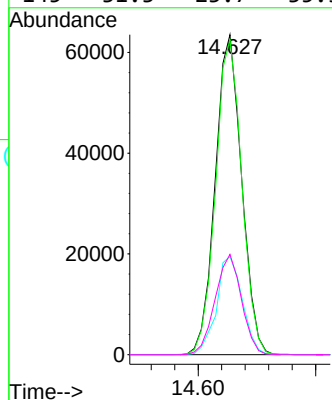
Ion Ratio Lower Upper

180 100

182 97.7 73.4 110.0

184 30.1 24.2 36.4

145 31.3 23.7 35.5



#70

1,2,4-trichlorobenzene

Concen: 20.777 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

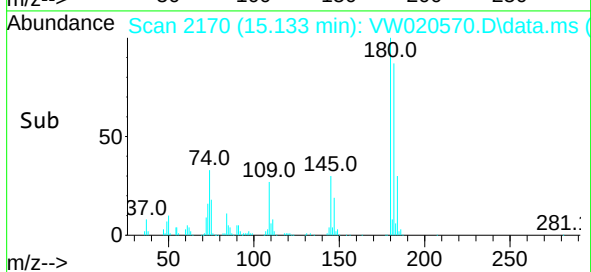
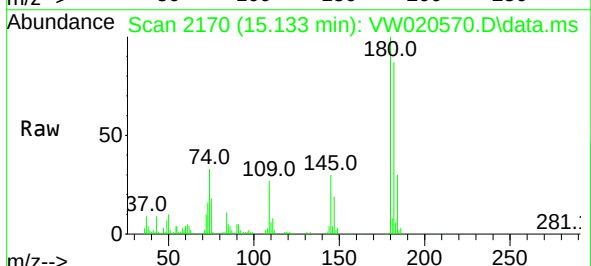
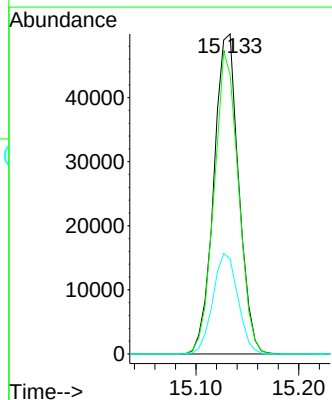
Tgt Ion:180 Resp: 83589

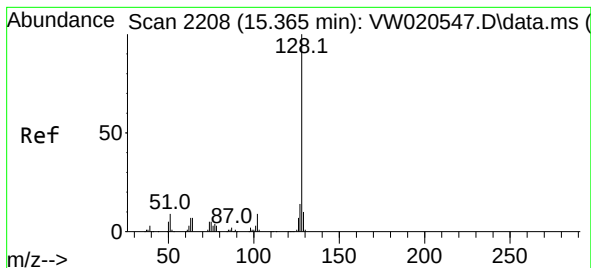
Ion Ratio Lower Upper

180 100

182 92.6 75.8 113.8

145 31.7 24.8 37.2





#71

Naphthalene

Concen: 22.909 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Instrument :

MSVOA_W

ClientSampleId :

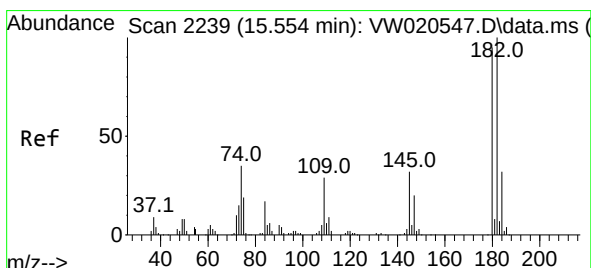
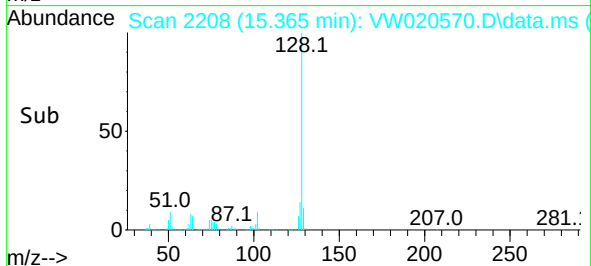
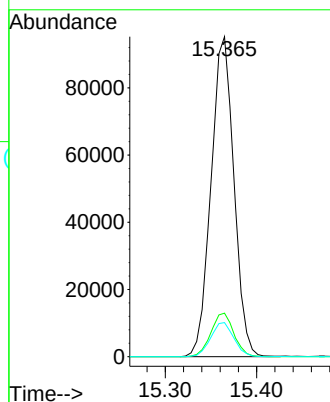
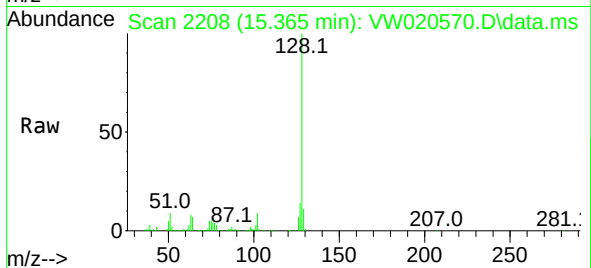
Tgt Ion:128 Resp: 165705

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 20.602 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW020570.D

Acq: 18 Oct 2021 18:09

Tgt Ion:180 Resp: 72799

Ion Ratio Lower Upper

180 100

182 94.5 74.8 112.2

145 34.7 26.2 39.4

