

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101221\
 Data File : VW020453.D
 Acq On : 12 Oct 2021 17:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 13 02:24:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 13 02:22:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	259847	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	235259	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	119367	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	78169	20.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
7) Chloroethane-d5	2.885	69	44730	22.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	4.019	63	178290	23.012	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.040%
21) 2-Butanone-d5	7.086	46	55351	48.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.200%
24) Chloroform-d	7.653	84	195859	23.646	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	8.305	65	108601	22.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.840%
32) Benzene-d6	8.275	84	373022	24.105	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	9.274	67	118909	23.577	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.323	98	342191	24.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	10.579	79	51153	24.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.927	63	40909	52.727	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.460%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	91441	23.986	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	113292	24.263	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	38364	22.847	ug/L	99
3) Chloromethane	2.209	50	76996	22.053	ug/L	96
5) Vinyl chloride	2.355	62	116114	23.645	ug/L	98
6) Bromomethane	2.776	94	48757	22.860	ug/L	97
8) Chloroethane	2.922	64	43247	23.850	ug/L	96
9) Trichlorofluoromethane	3.251	101	62091	22.223	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	97718	24.523	ug/L	99
12) 1,1-Dichloroethene	4.038	96	92321	25.270	ug/L	94
13) Acetone	4.135	43	56067	53.071	ug/L	99
14) Carbon disulfide	4.385	76	276599	23.276	ug/L	99
15) Methyl Acetate	4.678	43	45038	22.956	ug/L	99
16) Methylene chloride	4.916	84	110092	21.794	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	95839	25.003	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	144020	26.668	ug/L	99
19) 1,1-Dichloroethane	6.220	63	195316	24.856	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	102727	25.784	ug/L	96
22) 2-Butanone	7.183	43	67082	50.727	ug/L	99
23) Bromochloromethane	7.513	128	42322	24.219	ug/L	97
25) Chloroform	7.677	83	186464	24.409	ug/L	100

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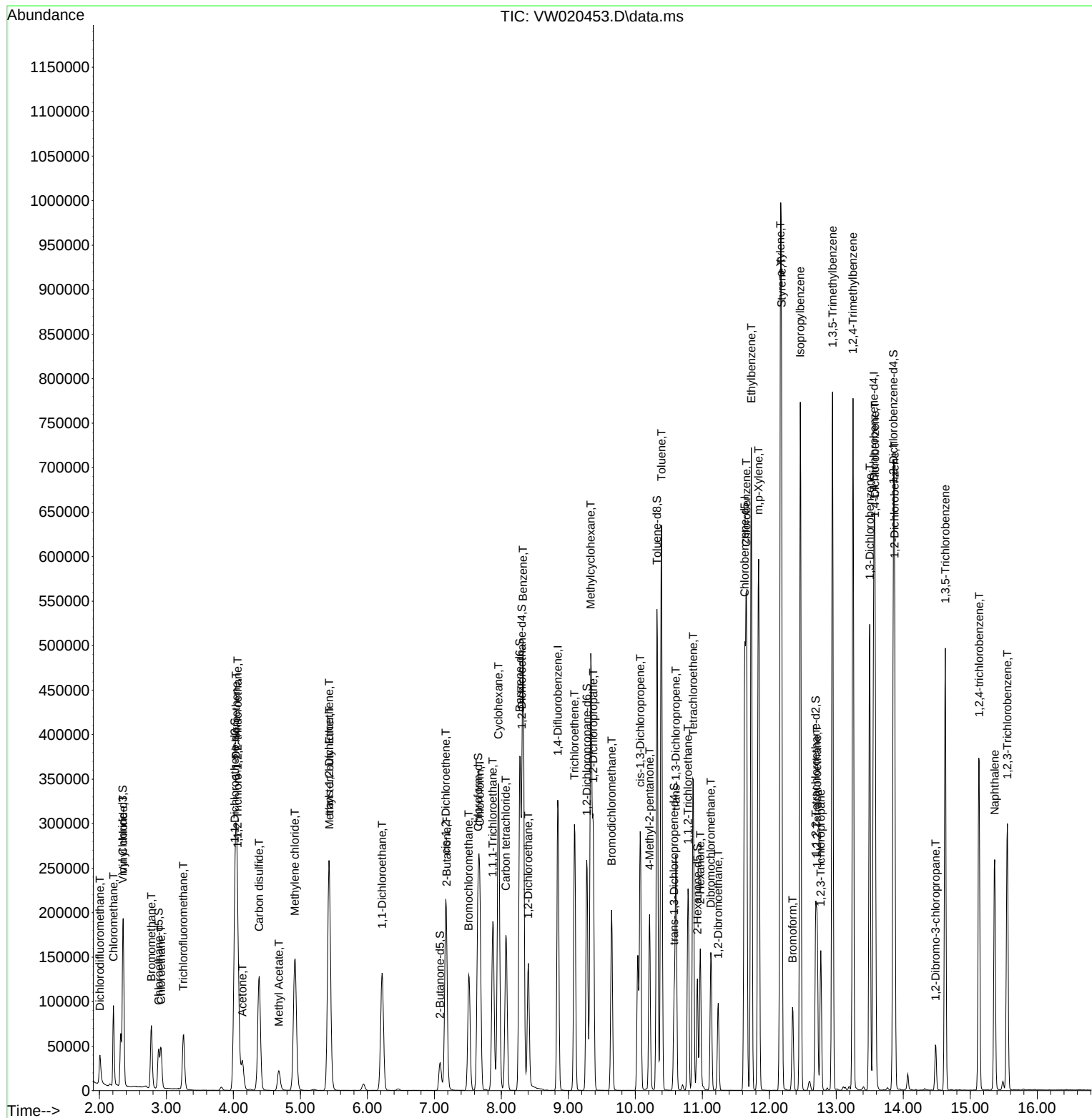
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	125876	24.091	ug/L	99
29) Cyclohexane	7.958	56	187514	27.225	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	151902	25.991	ug/L	99
31) Carbon tetrachloride	8.067	117	131042	25.502	ug/L	99
33) Benzene	8.323	78	419432	25.031	ug/L	100
34) Trichloroethene	9.092	95	105639	25.590	ug/L	99
35) Methylcyclohexane	9.335	83	185988	26.327	ug/L	99
37) 1,2-Dichloropropane	9.372	63	106910	24.637	ug/L	99
38) Bromodichloromethane	9.646	83	131584	25.291	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	160858	26.868	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	131935	50.657	ug/L	100
42) Toluene	10.390	91	437342	26.020	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	137779	26.105	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	69424	24.917	ug/L	100
46) Tetrachloroethene	10.866	164	78735	26.554	ug/L	94
48) 2-Hexanone	10.969	43	102722	53.756	ug/L	98
49) Dibromochloromethane	11.128	129	77989	25.408	ug/L	97
50) 1,2-Dibromoethane	11.238	107	64385	25.158	ug/L	98
51) Chlorobenzene	11.658	112	262703	25.347	ug/L	100
52) Ethylbenzene	11.731	91	479924	26.332	ug/L	96
53) m,p-Xylene	11.841	106	183006	27.099	ug/L	98
54) o-Xylene	12.164	106	170955	27.412	ug/L	97
55) Styrene	12.183	104	291761	26.756	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	83070	24.051	ug/L	100
59) Bromoform	12.347	173	41892	25.052	ug/L	99
60) Isopropylbenzene	12.463	105	476026	27.170	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	62438	23.743	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	402934	28.168	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	396487	27.983	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	196591	25.934	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	194189	24.766	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	176635	25.433	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	13569	24.292	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	139837	25.870	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	111693	26.096	ug/L	99
71) Naphthalene	15.365	128	208095	27.042	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	96729	25.731	ug/L	99

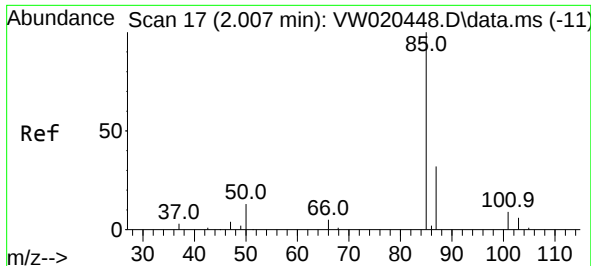
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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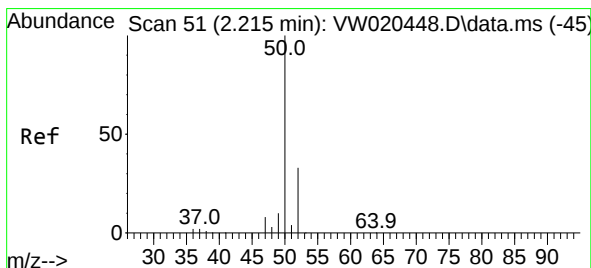
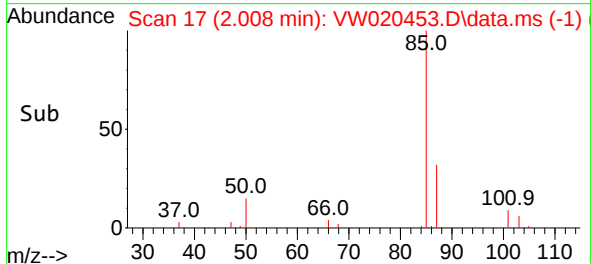
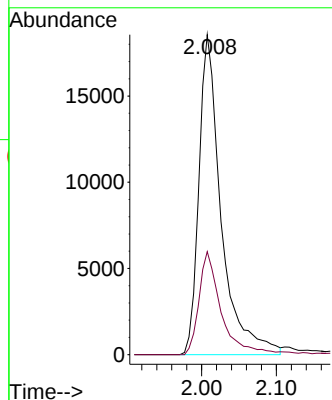
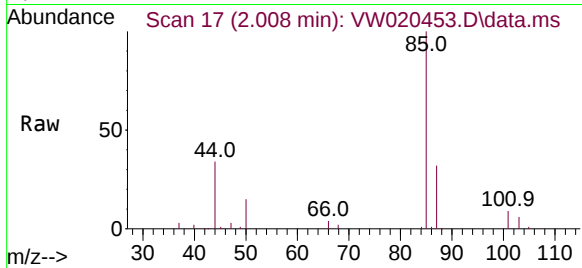




#2
 Dichlorodifluoromethane
 Concen: 22.847 ug/L
 RT: 2.008 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VW020453.D
 Acq: 12 Oct 2021 17:21

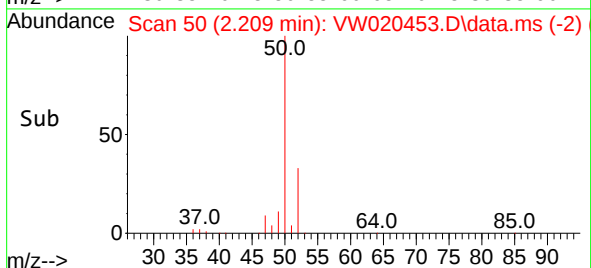
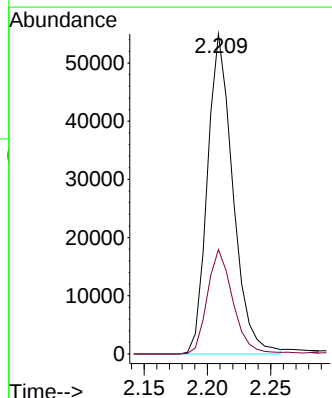
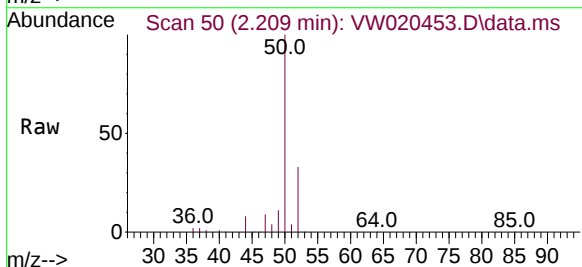
Instrument :
 MSVOA_W
 ClientSampled :

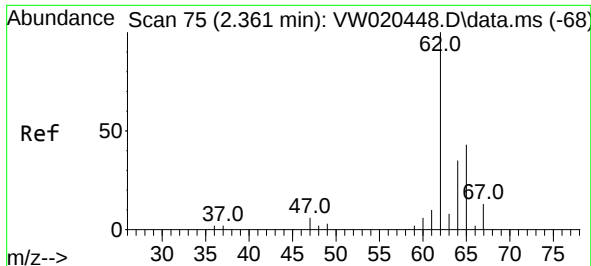
Tgt Ion: 85 Resp: 38364
 Ion Ratio Lower Upper
 85 100
 87 31.8 24.9 37.3



#3
 Chloromethane
 Concen: 22.053 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW020453.D
 Acq: 12 Oct 2021 17:21

Tgt Ion: 50 Resp: 76996
 Ion Ratio Lower Upper
 50 100
 52 32.6 21.5 39.9

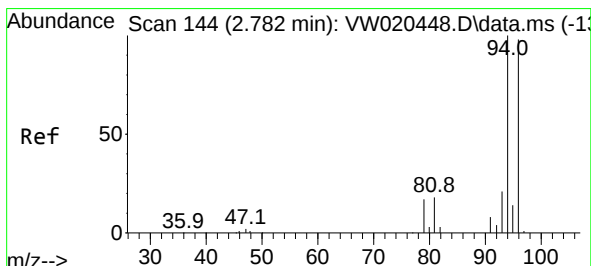
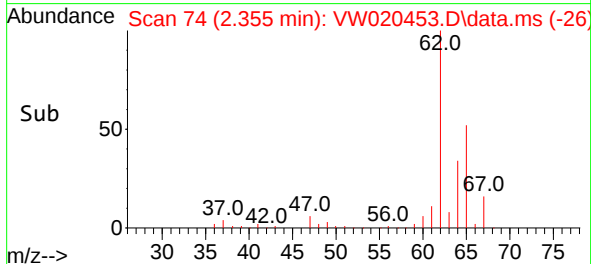
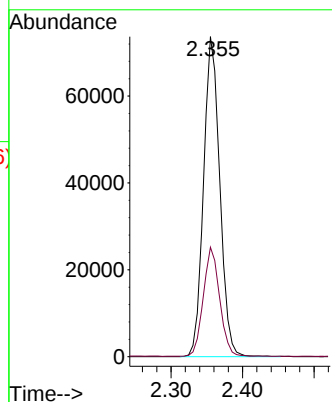
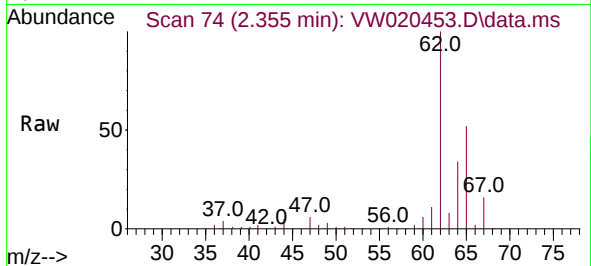




#5
 Vinyl chloride
 Concen: 23.645 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020453.D
 Acq: 12 Oct 2021 17:21

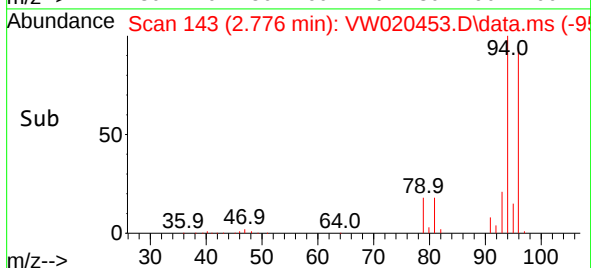
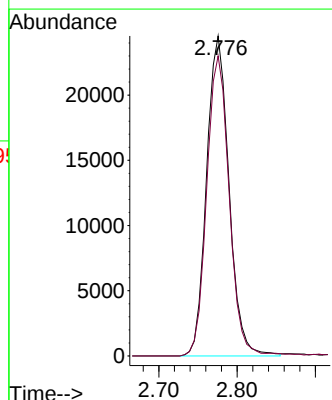
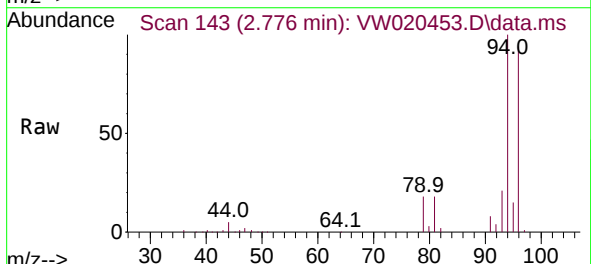
Instrument :
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 ClientSampled :

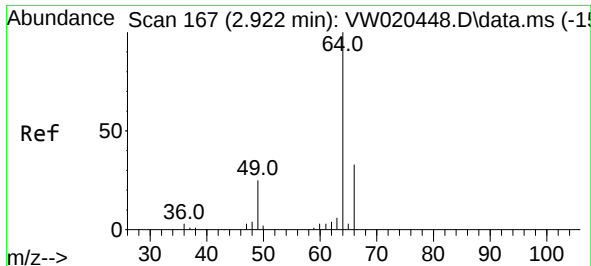
Tgt Ion: 62 Resp: 116114
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.6 45.6



#6
 Bromomethane
 Concen: 22.860 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW020453.D
 Acq: 12 Oct 2021 17:21

Tgt Ion: 94 Resp: 48757
 Ion Ratio Lower Upper
 94 100
 96 93.7 67.8 126.0

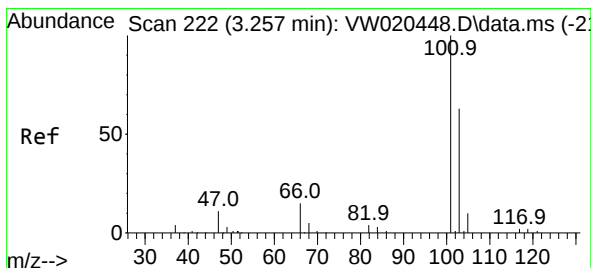
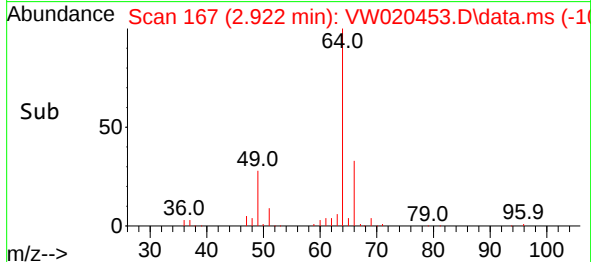
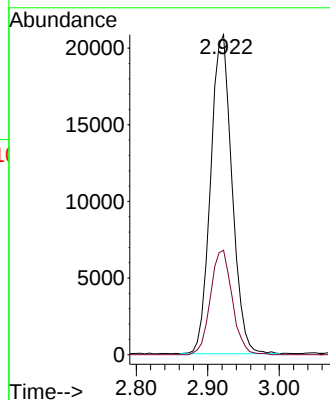
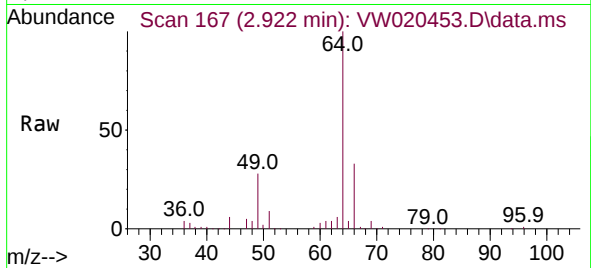




#8
Chloroethane
Concen: 23.850 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

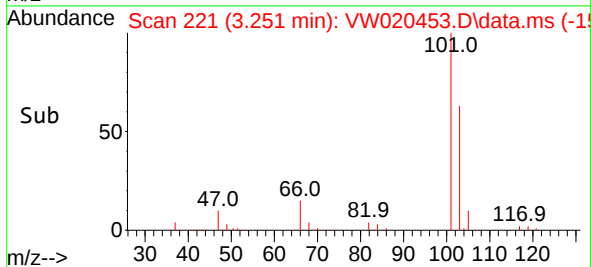
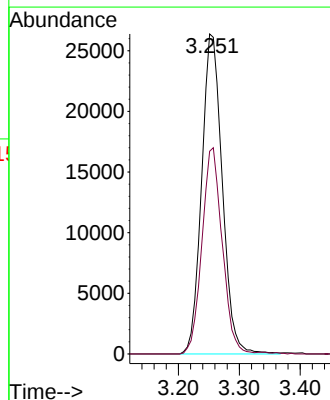
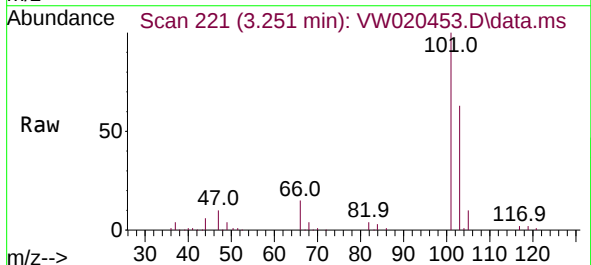
Instrument :
MSVOA_W
ClientSampled :

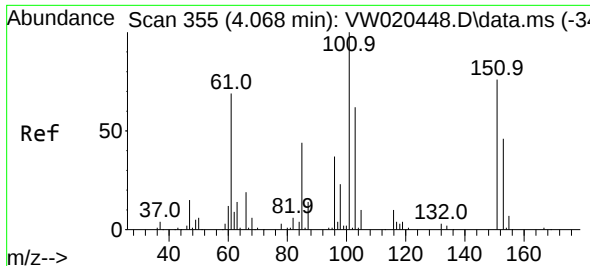
Tgt Ion: 64 Resp: 43247
Ion Ratio Lower Upper
64 100
66 32.7 21.2 39.4



#9
Trichlorofluoromethane
Concen: 22.223 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion: 101 Resp: 62091
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.4

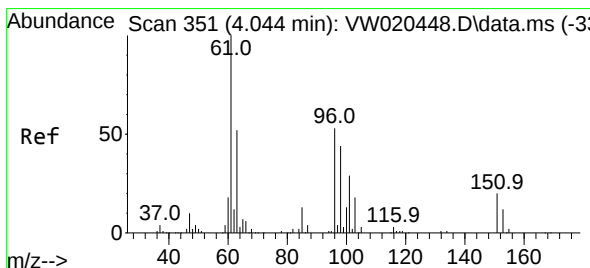
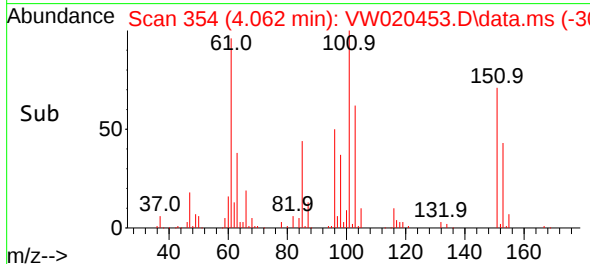
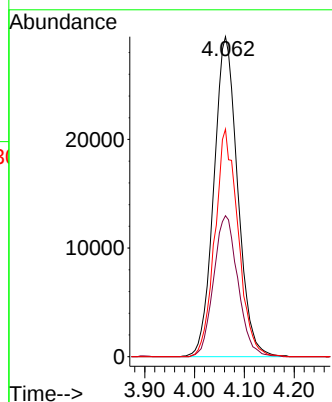
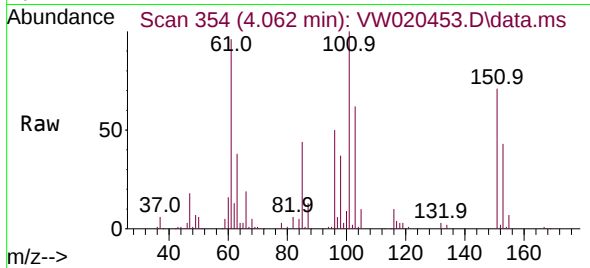




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.523 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW020453.D
 Acq: 12 Oct 2021 17:21

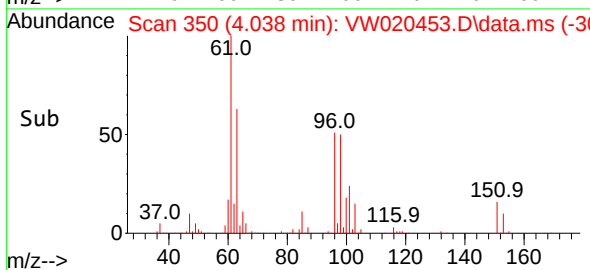
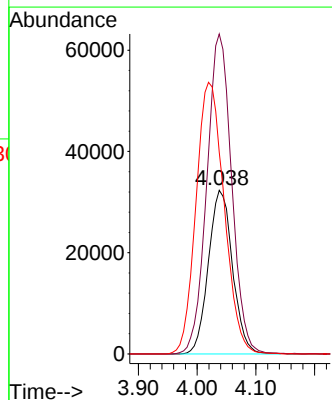
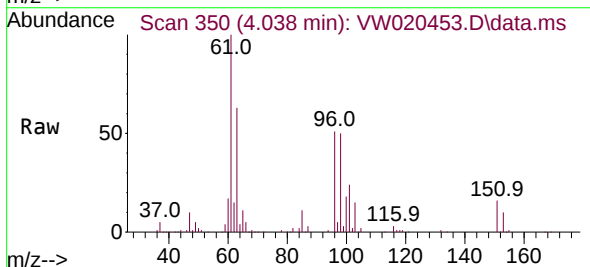
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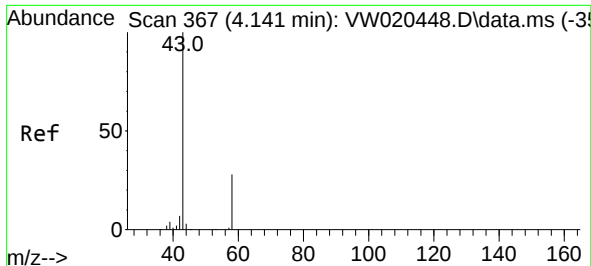
Tgt Ion:101 Resp: 97718
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.3 54.5
 151 69.5 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 25.270 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW020453.D
 Acq: 12 Oct 2021 17:21

Tgt Ion: 96 Resp: 92321
 Ion Ratio Lower Upper
 96 100
 61 195.5 133.9 248.7
 63 123.3 77.3 143.7

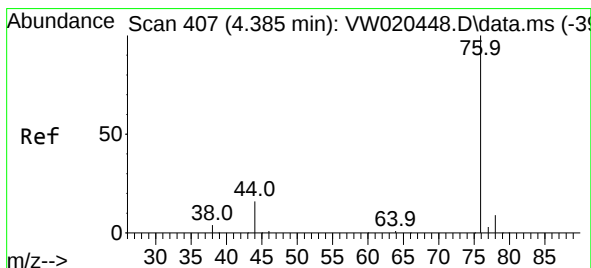
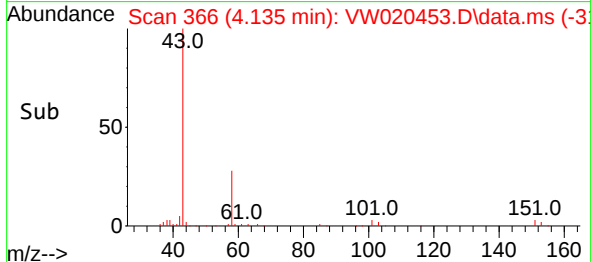
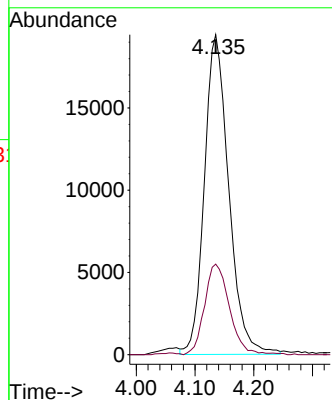
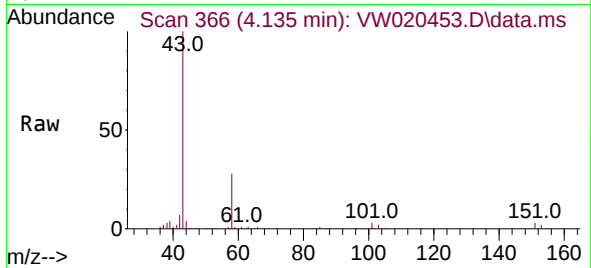




#13
Acetone
Concen: 53.071 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

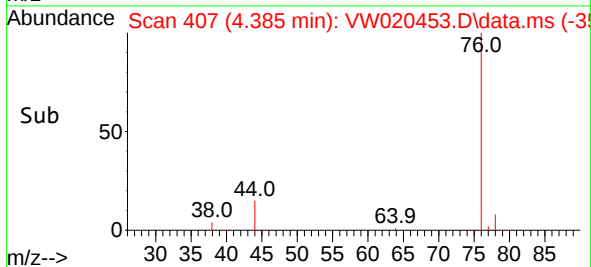
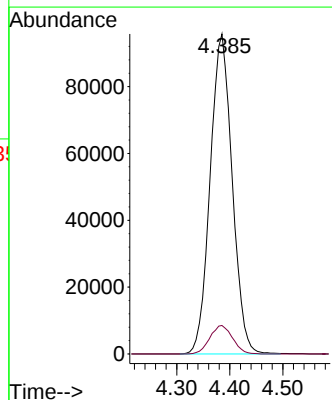
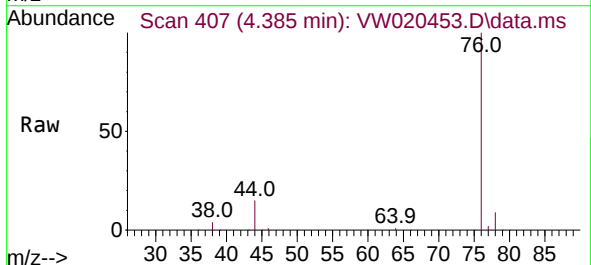
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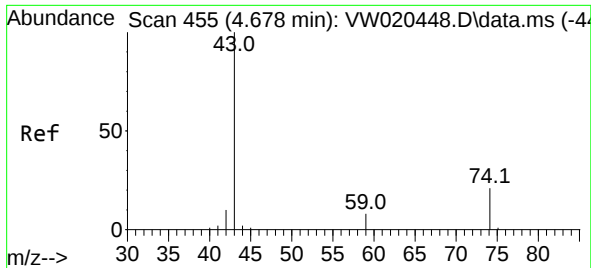
Tgt Ion: 43 Resp: 56067
Ion Ratio Lower Upper
43 100
58 28.7 0.0 58.4



#14
Carbon disulfide
Concen: 23.276 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 276599
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

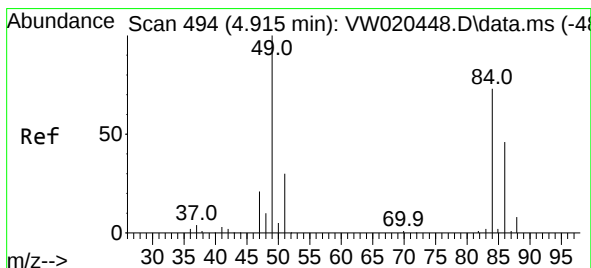
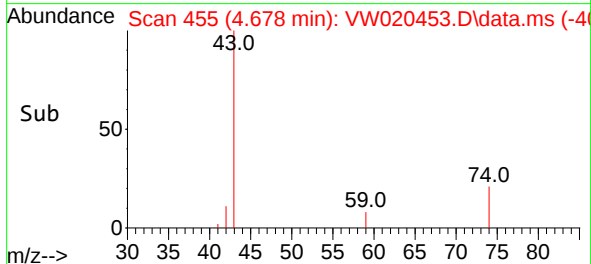
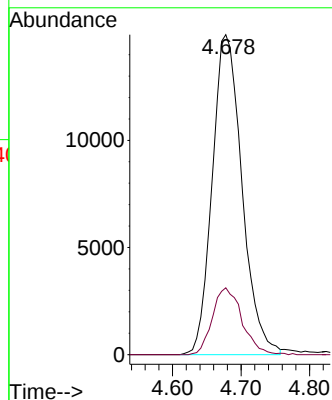
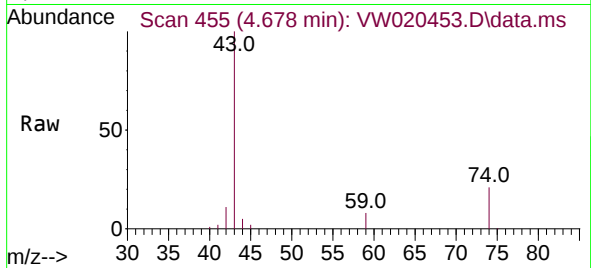




#15
Methyl Acetate
Concen: 22.956 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

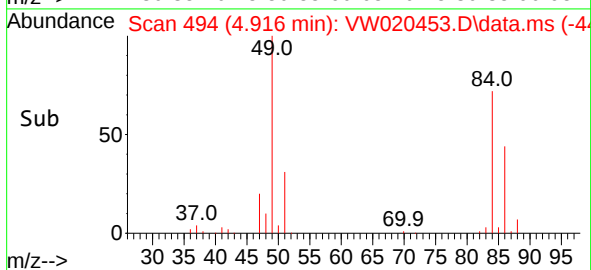
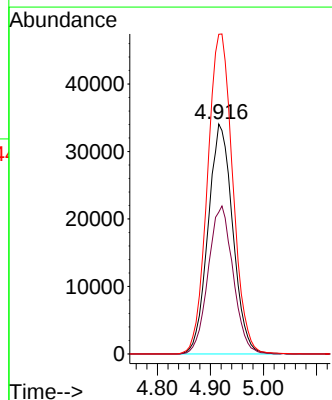
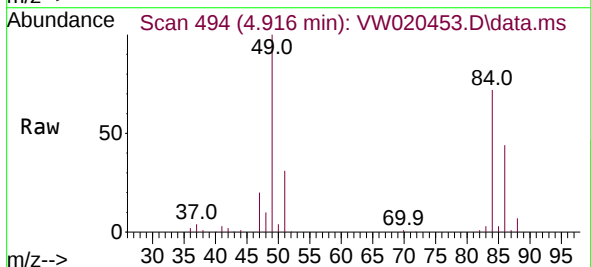
Instrument :
MSVOA_W
ClientSampled :

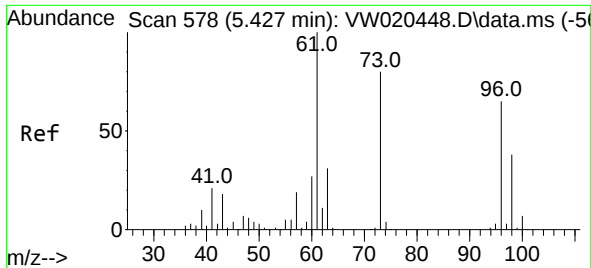
Tgt Ion: 43 Resp: 45038
Ion Ratio Lower Upper
43 100
74 20.7 16.1 24.1



#16
Methylene chloride
Concen: 21.794 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion: 84 Resp: 110092
Ion Ratio Lower Upper
84 100
86 61.6 44.7 83.1
49 139.0 101.7 188.9

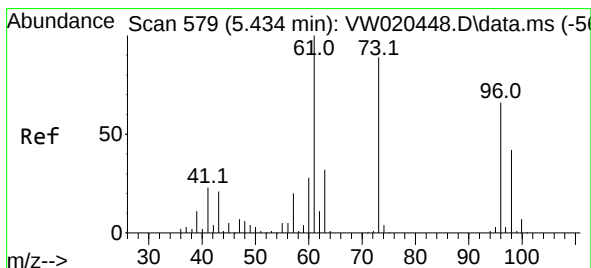
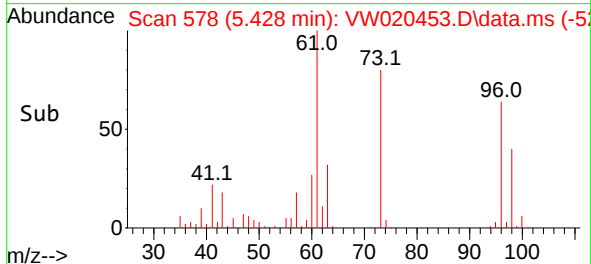
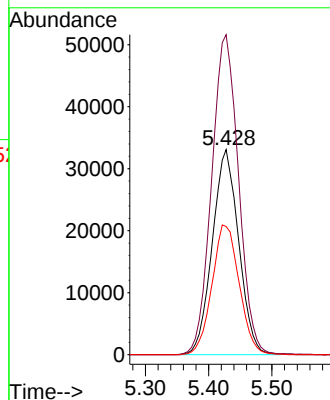
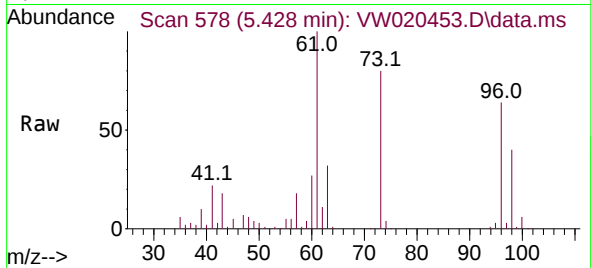




#17
trans-1,2-Dichloroethene
Concen: 25.003 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

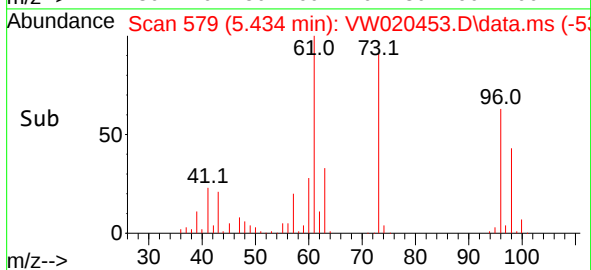
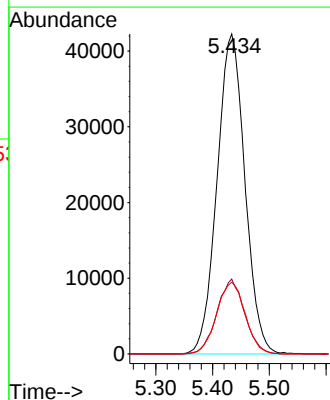
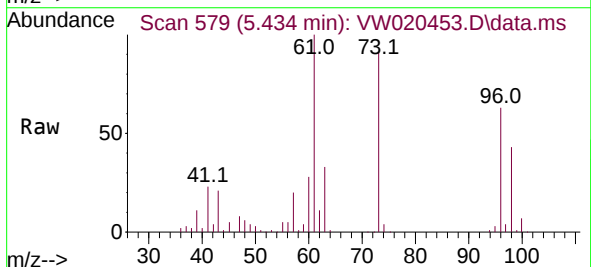
Instrument :
MSVOA_W
ClientSampled :

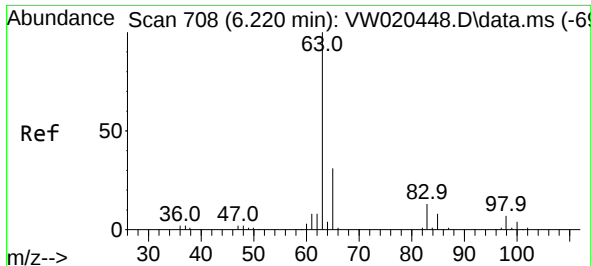
Tgt Ion: 96 Resp: 95839
Ion Ratio Lower Upper
96 100
61 156.0 110.7 205.5
98 62.5 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 26.668 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion: 73 Resp: 144020
Ion Ratio Lower Upper
73 100
43 23.3 18.9 28.3
57 23.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.856 ug/L

RT: 6.220 min Scan# 708

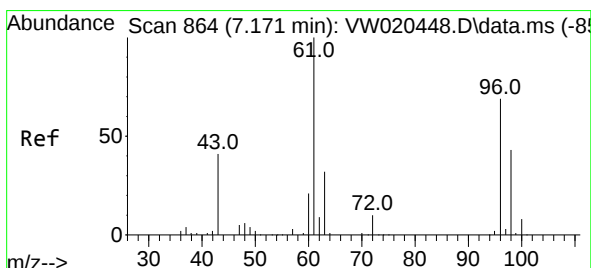
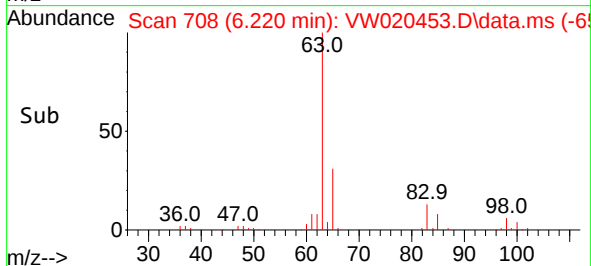
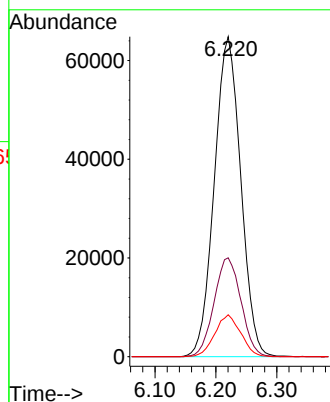
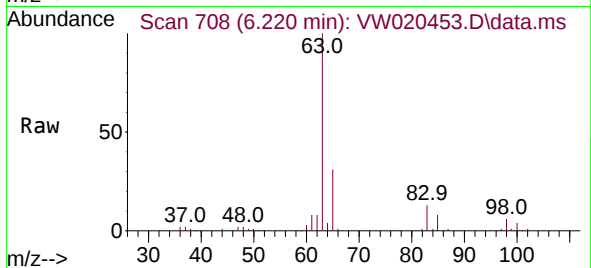
Delta R.T. 0.000 min

Lab File: VW020453.D

Acq: 12 Oct 2021 17:21

Tgt Ion:	63	Resp:	195316
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.9	40.7
83	13.1	9.0	16.6

Instrument :
MSVOA_W
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 25.784 ug/L

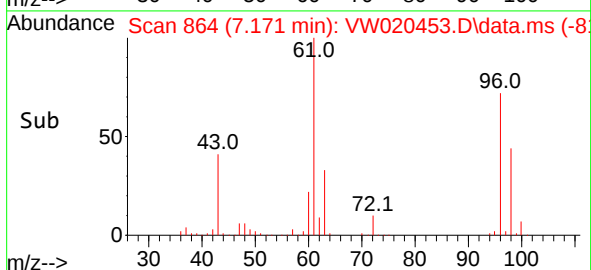
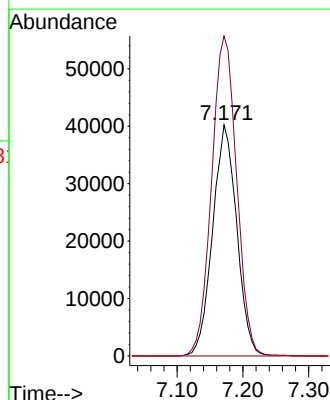
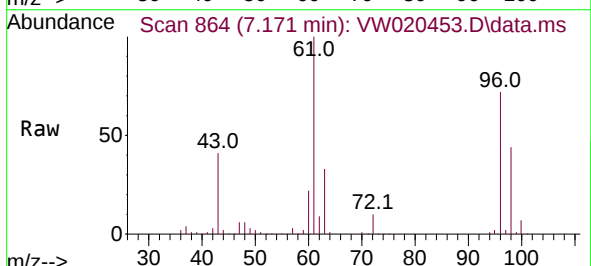
RT: 7.171 min Scan# 864

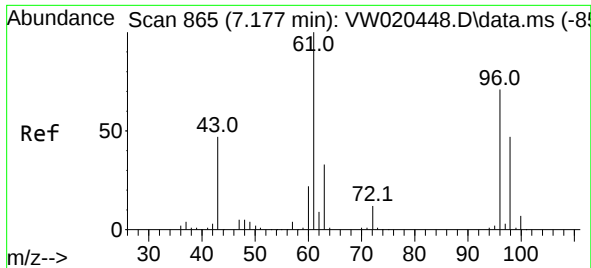
Delta R.T. 0.000 min

Lab File: VW020453.D

Acq: 12 Oct 2021 17:21

Tgt Ion:	96	Resp:	102727
Ion	Ratio	Lower	Upper
96	100		
61	138.5	100.3	186.3
68	0.0	0.0	0.0

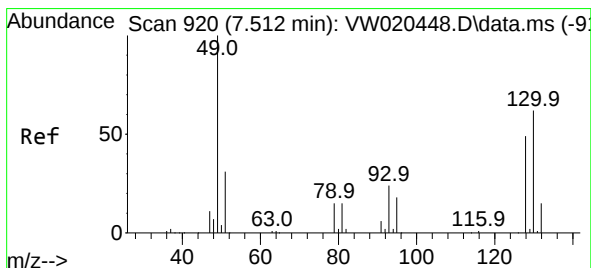
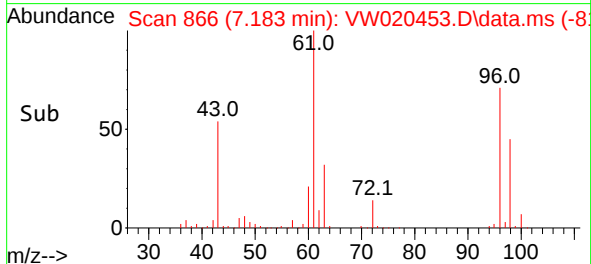
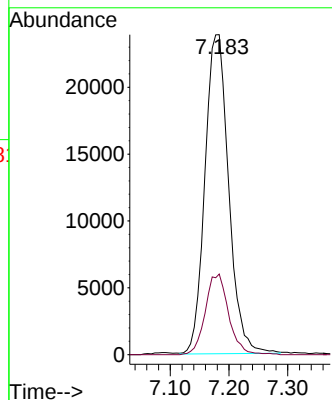
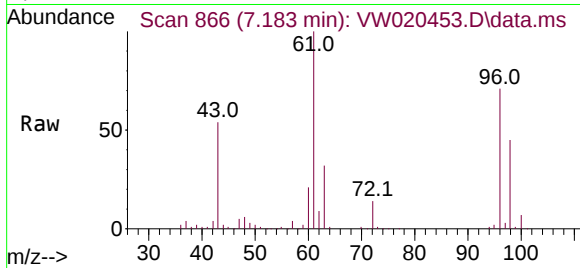




#22
2-Butanone
Concen: 50.727 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

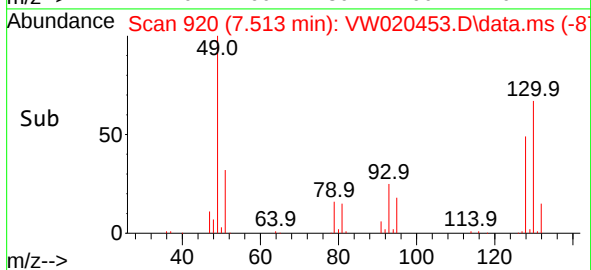
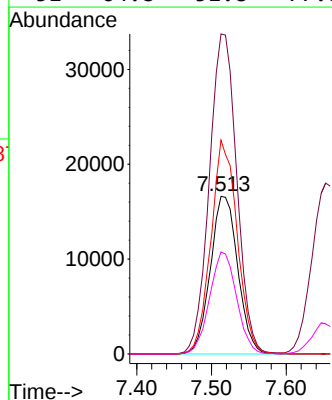
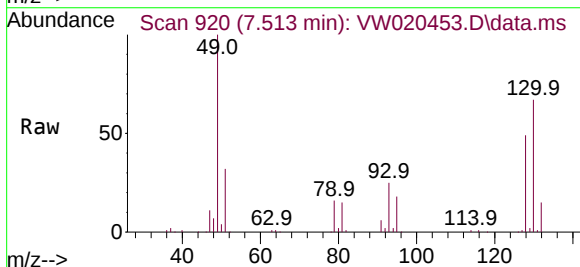
Instrument :
MSVOA_W
ClientSampled :

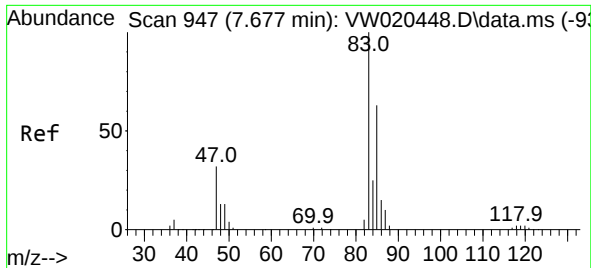
Tgt Ion: 43 Resp: 67082
Ion Ratio Lower Upper
43 100
72 24.7 12.2 36.6



#23
Bromochloromethane
Concen: 24.219 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion: 128 Resp: 42322
Ion Ratio Lower Upper
128 100
49 203.0 144.1 267.7
130 135.6 89.2 165.6
51 64.8 51.8 77.8

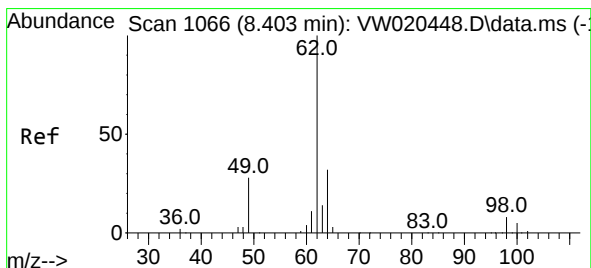
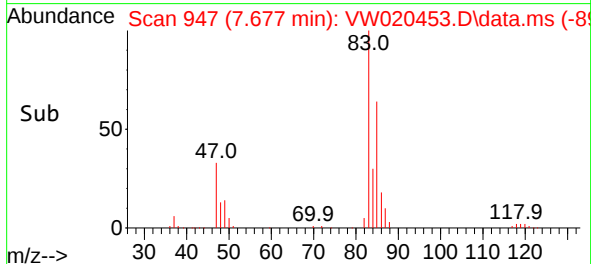
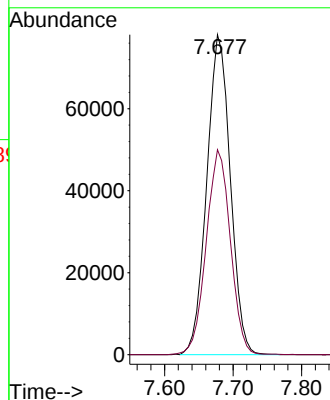
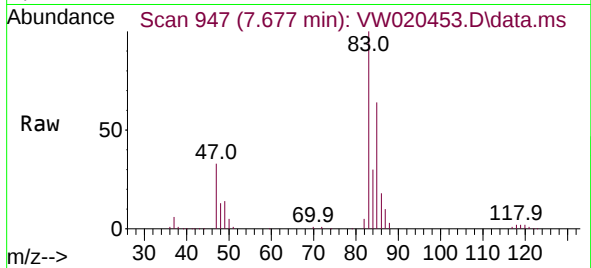




#25
Chloroform
Concen: 24.409 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

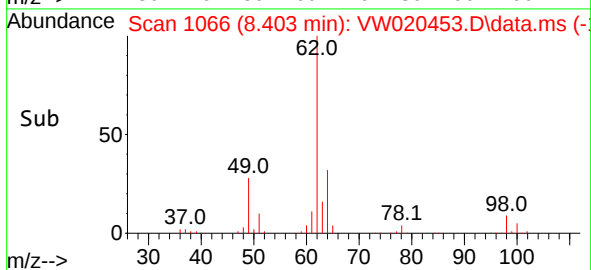
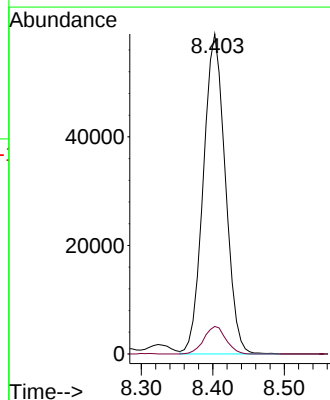
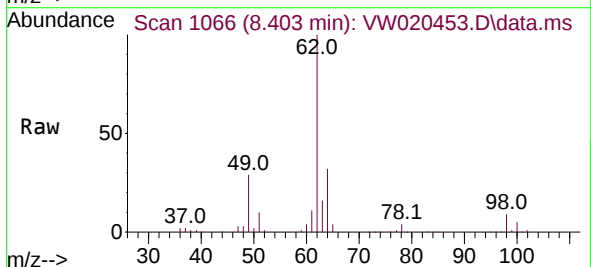
Instrument :
MSVOA_W
ClientSampled :

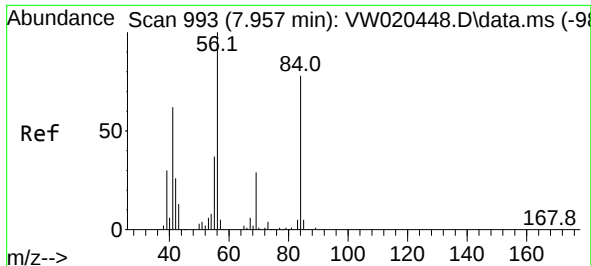
Tgt Ion: 83 Resp: 186464
Ion Ratio Lower Upper
83 100
85 64.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.091 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

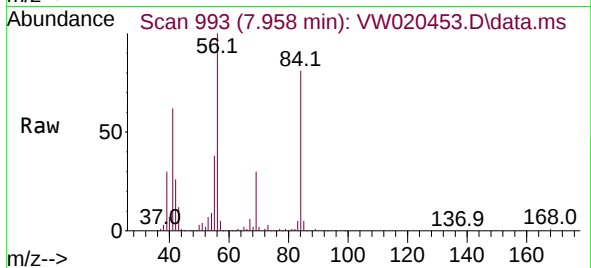
Tgt Ion: 62 Resp: 125876
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0



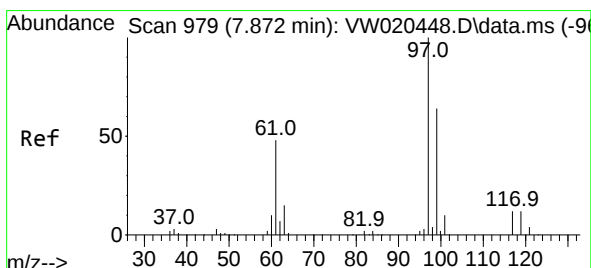
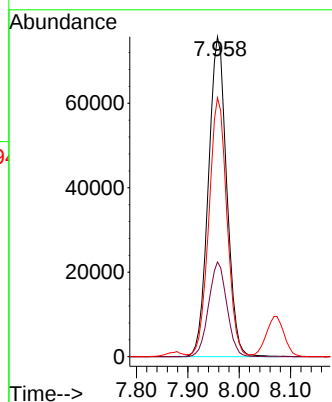
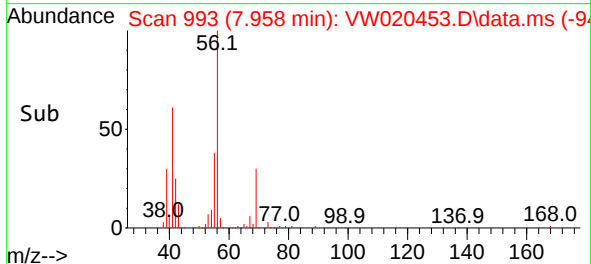


#29
Cyclohexane
Concen: 27.225 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

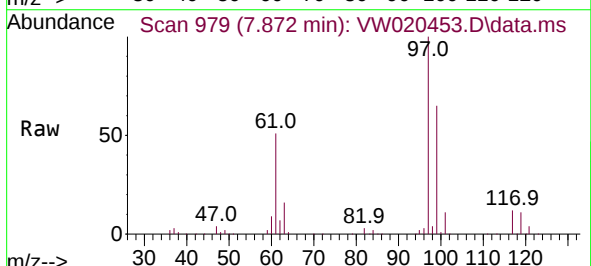
Instrument :
MSVOA_W
ClientSampled :



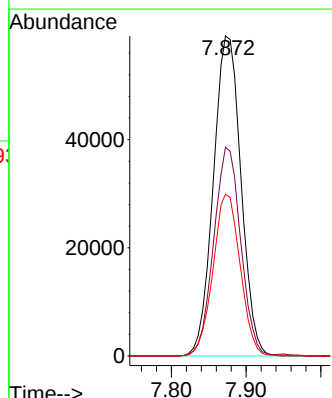
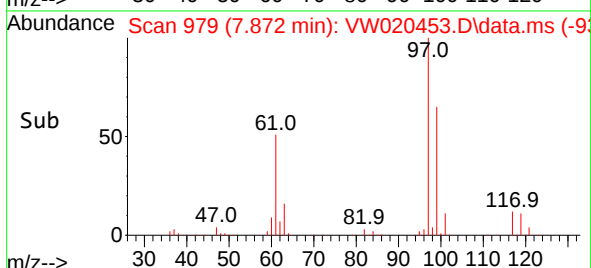
Tgt Ion: 56 Resp: 187514
Ion Ratio Lower Upper
56 100
69 29.4 23.2 34.8
84 80.0 63.7 95.5

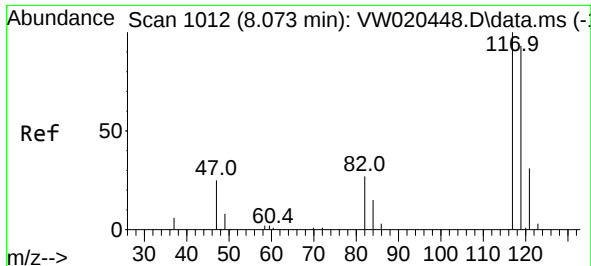


#30
1,1,1-Trichloroethane
Concen: 25.991 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21



Tgt Ion: 97 Resp: 151902
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 49.9 41.0 61.6

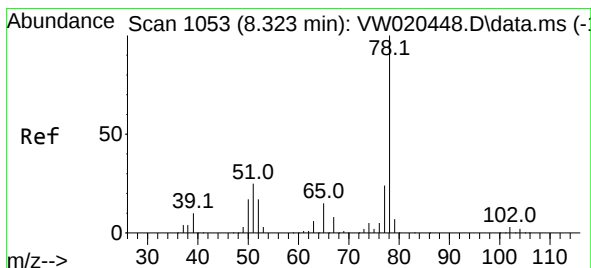
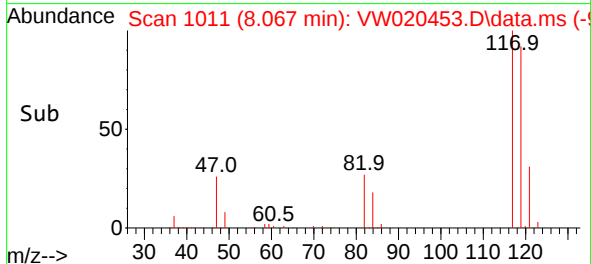
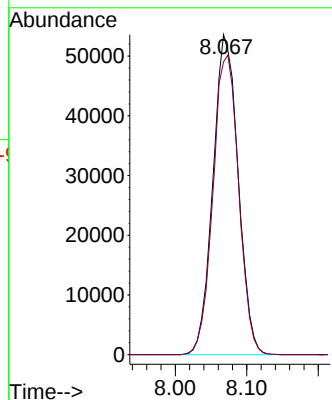
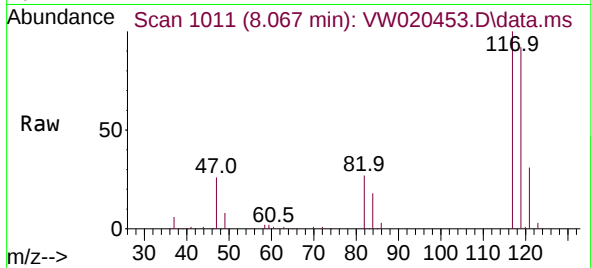




#31
Carbon tetrachloride
Concen: 25.502 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

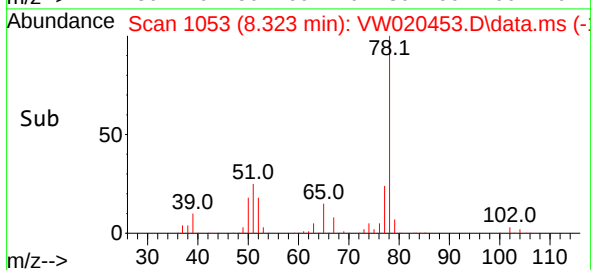
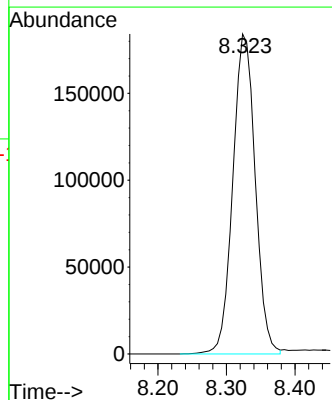
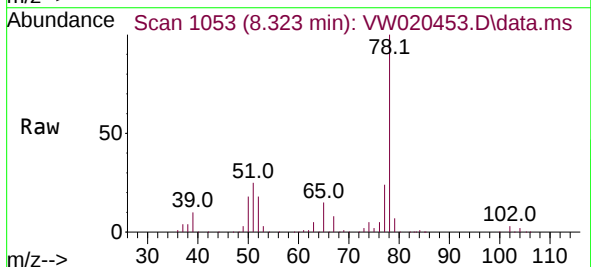
Instrument :
MSVOA_W
ClientSampled :

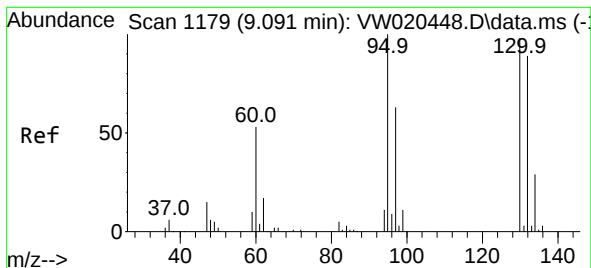
Tgt Ion:117 Resp: 131042
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4



#33
Benzene
Concen: 25.031 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion: 78 Resp: 419432





#34

Trichloroethene

Concen: 25.590 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW020453.D

Acq: 12 Oct 2021 17:21

Tgt Ion: 95 Resp: 105639

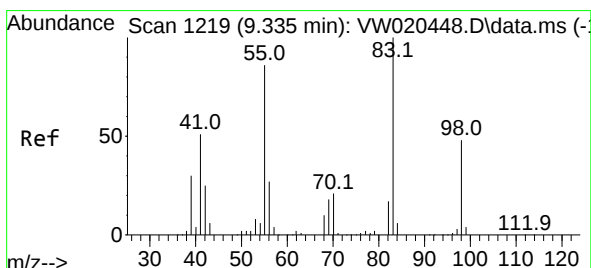
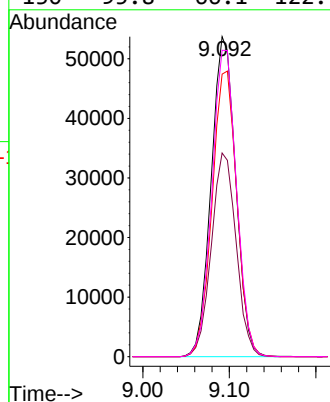
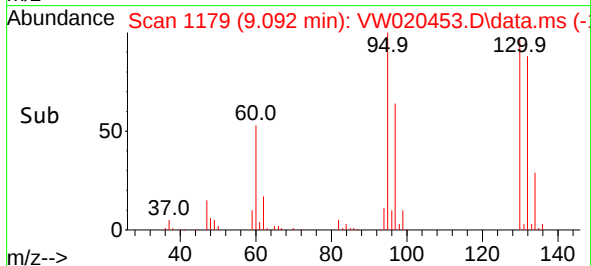
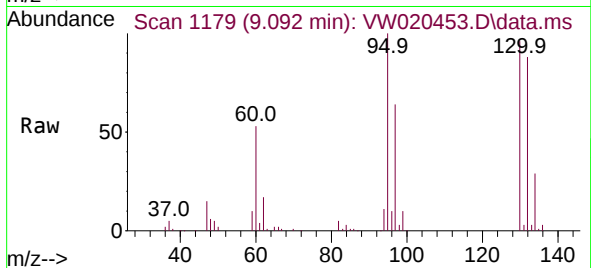
Ion Ratio Lower Upper

95 100

97 63.7 43.2 80.2

132 88.3 62.3 115.7

130 95.8 66.1 122.7



#35

Methylcyclohexane

Concen: 26.327 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020453.D

Acq: 12 Oct 2021 17:21

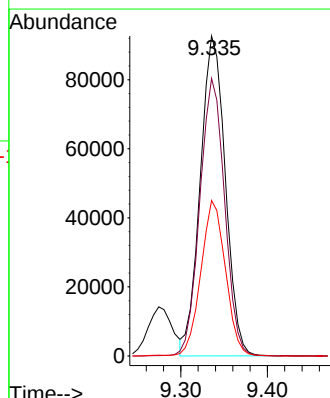
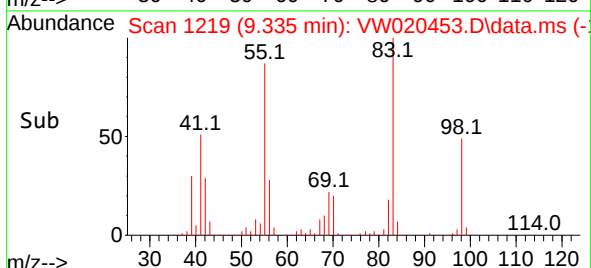
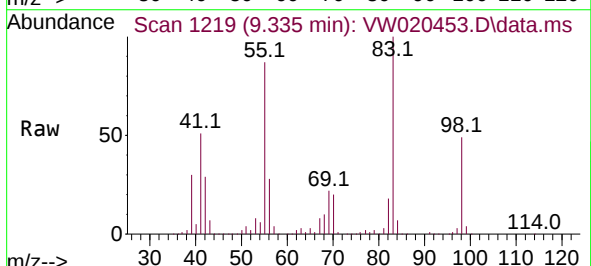
Tgt Ion: 83 Resp: 185988

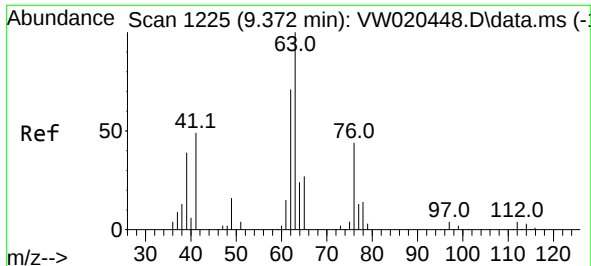
Ion Ratio Lower Upper

83 100

55 86.0 69.7 104.5

98 47.8 38.2 57.2

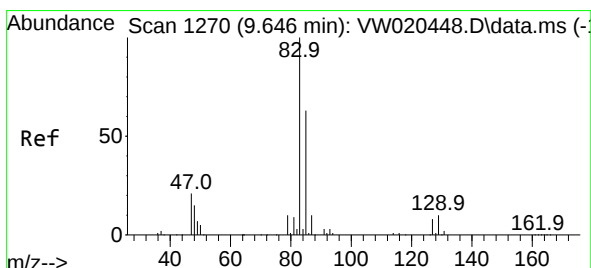
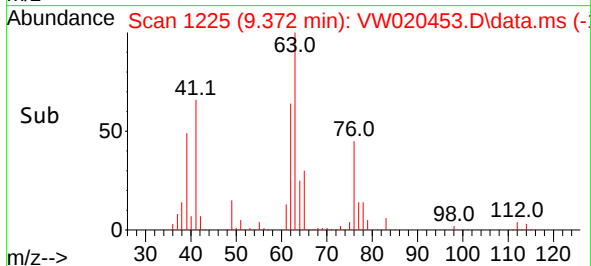
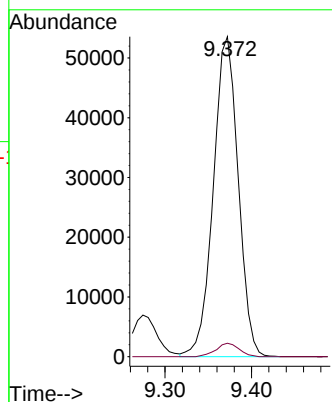
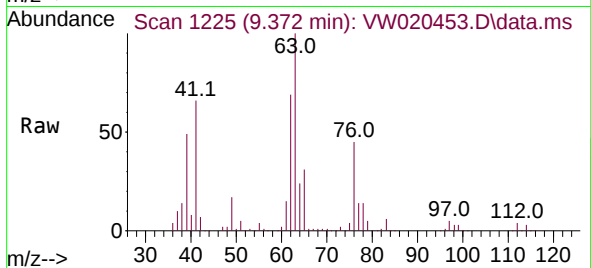




#37
1,2-Dichloropropane
Concen: 24.637 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

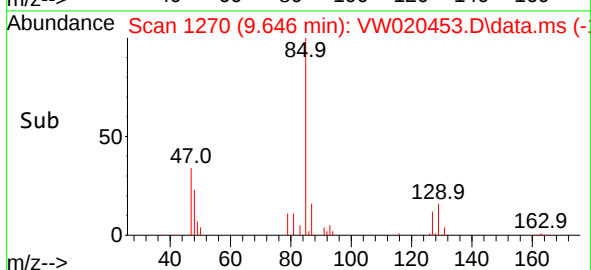
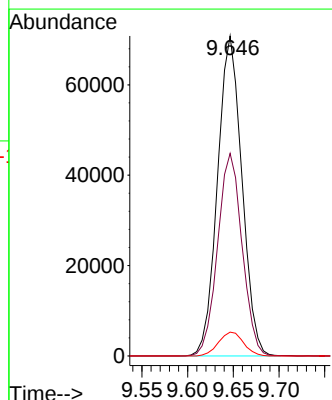
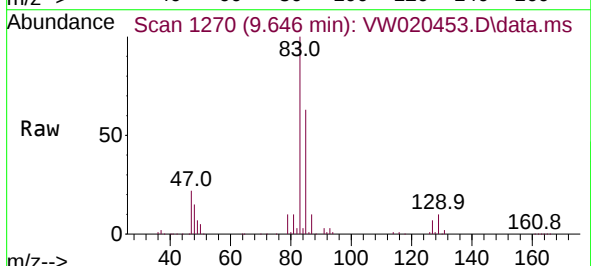
Instrument :
MSVOA_W
ClientSampled :

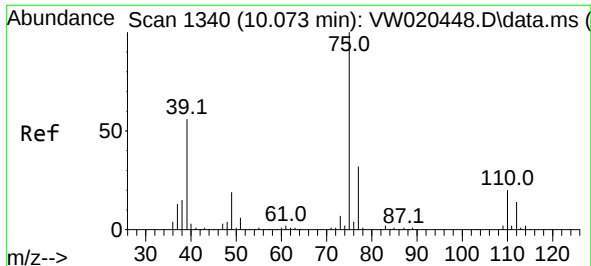
Tgt Ion: 63 Resp: 106910
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3



#38
Bromodichloromethane
Concen: 25.291 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion: 83 Resp: 131584
Ion Ratio Lower Upper
83 100
85 63.3 43.4 80.6
127 7.4 6.2 9.2

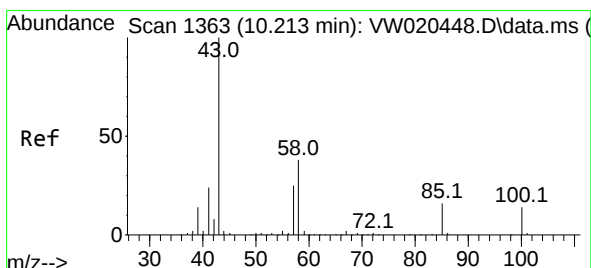
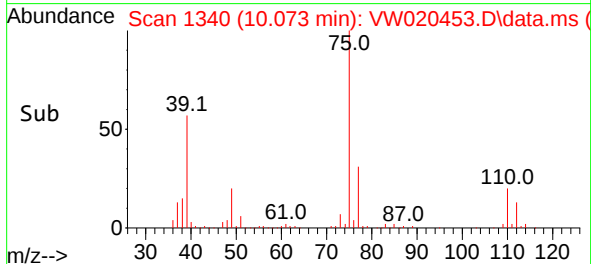
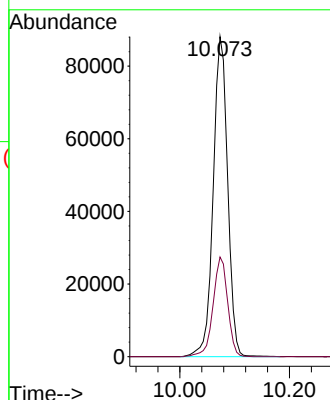
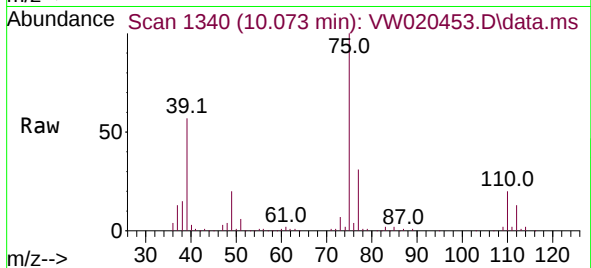




#39
cis-1,3-Dichloropropene
Concen: 26.868 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

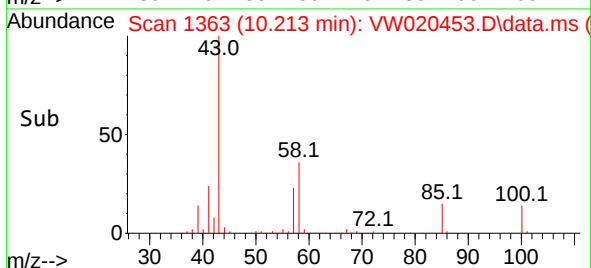
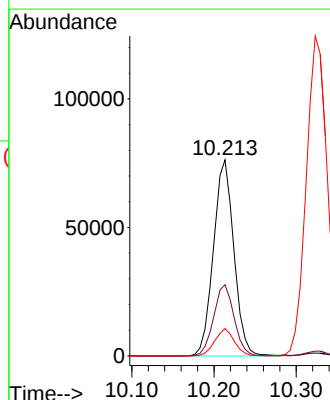
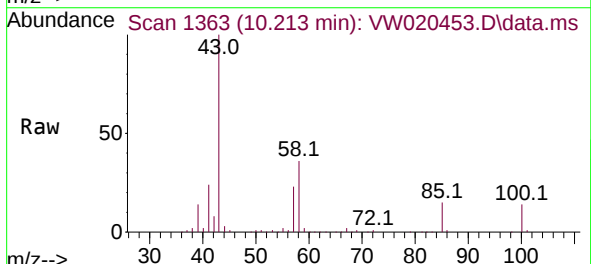
Instrument :
MSVOA_W
ClientSampled :

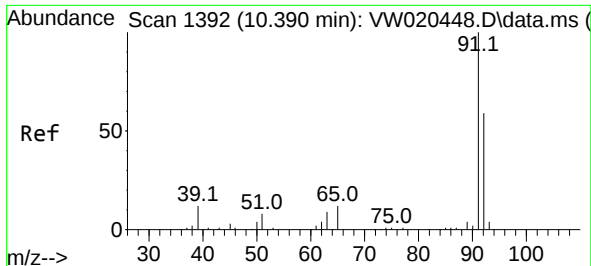
Tgt Ion: 75 Resp: 160858
Ion Ratio Lower Upper
75 100
77 31.1 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 50.657 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion: 43 Resp: 131935
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.4
100 13.4 10.2 15.4

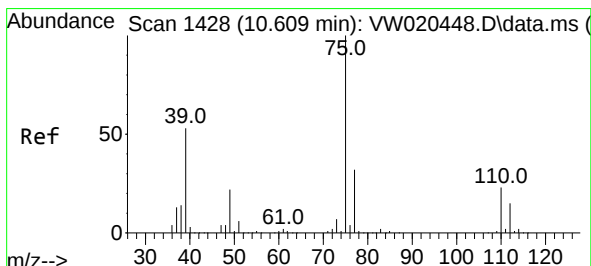
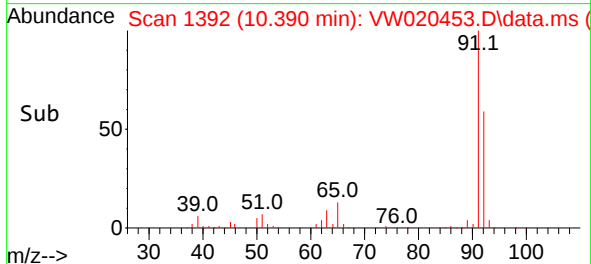
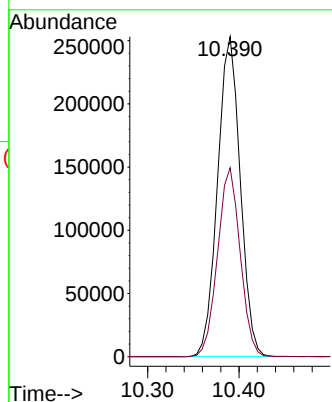
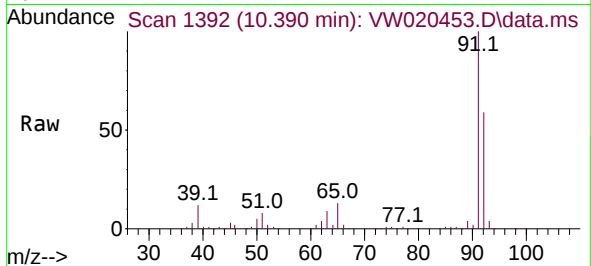




#42
Toluene
Concen: 26.020 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

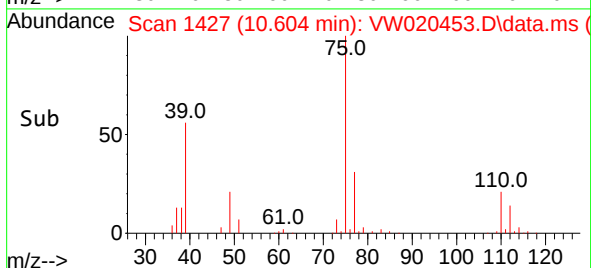
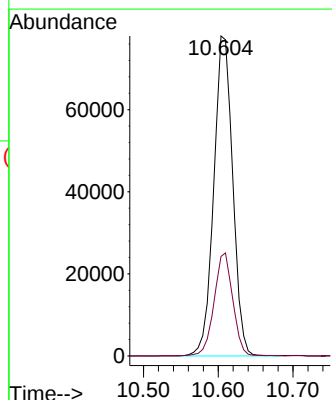
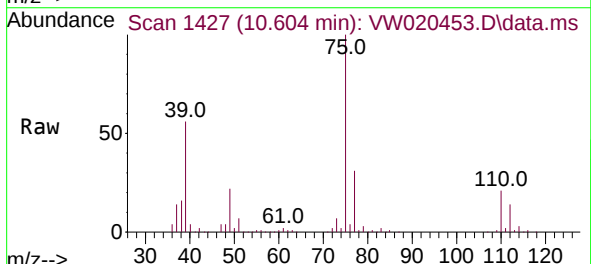
Instrument :
MSVOA_W
ClientSampled :

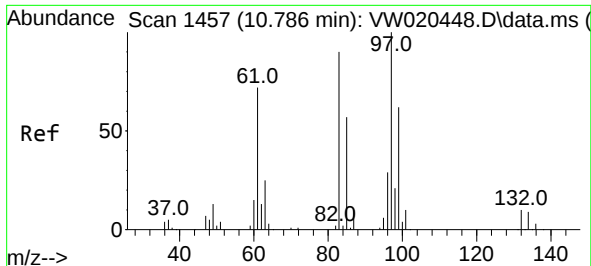
Tgt Ion: 91 Resp: 437342
Ion Ratio Lower Upper
91 100
92 59.1 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 26.105 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion: 75 Resp: 137779
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.4

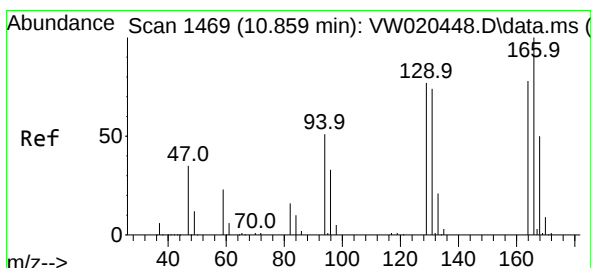
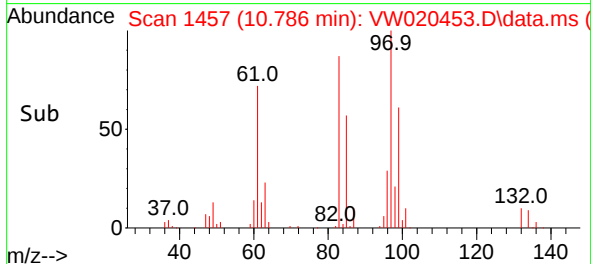
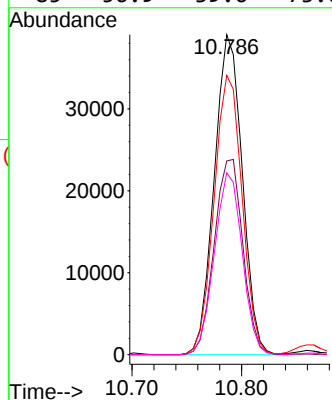
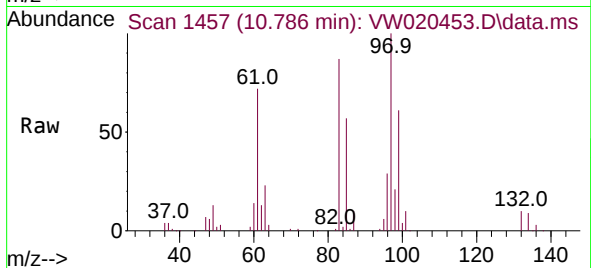




#45
1,1,2-Trichloroethane
Concen: 24.917 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

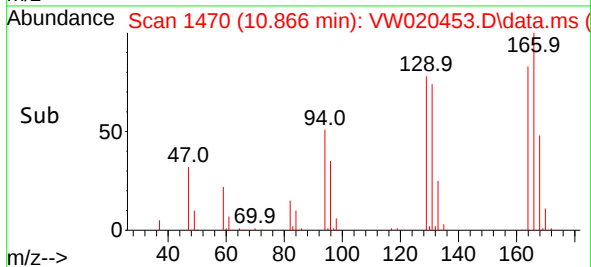
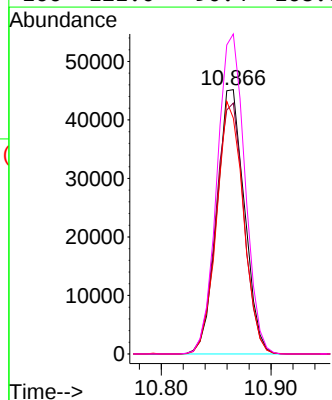
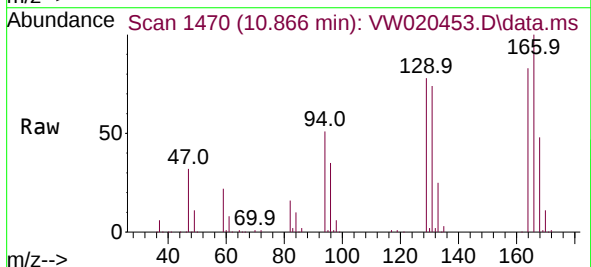
Instrument :
MSVOA_W
ClientSampled :

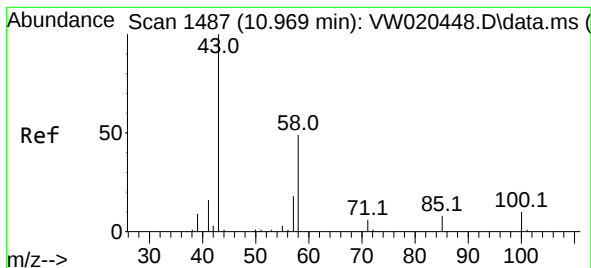
Tgt Ion:	97	Resp:	69424
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.8	79.4
83	87.3	60.9	113.1
85	56.9	39.6	73.6



#46
Tetrachloroethene
Concen: 26.554 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion:	164	Resp:	78735
Ion	Ratio	Lower	Upper
164	100		
129	94.9	69.1	128.3
131	89.2	58.3	108.3
166	121.0	90.4	168.0

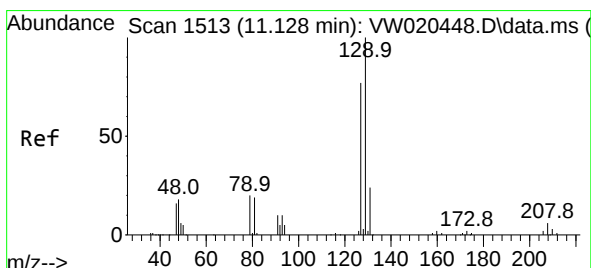
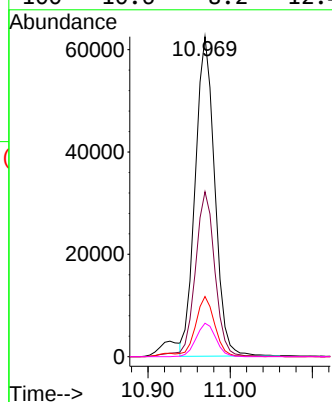
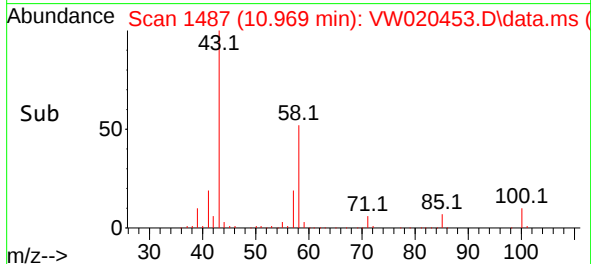
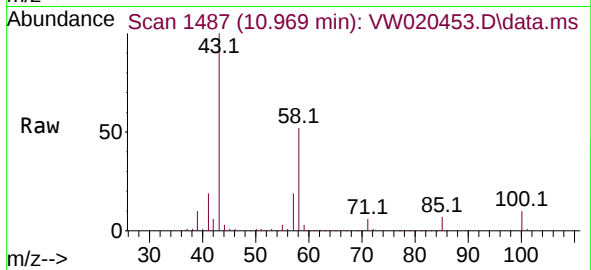




#48
2-Hexanone
Concen: 53.756 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

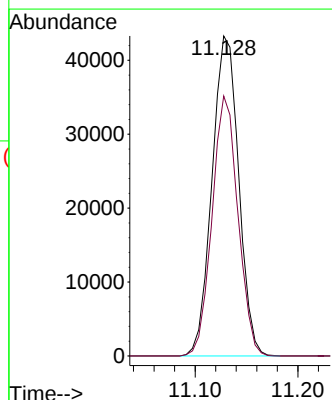
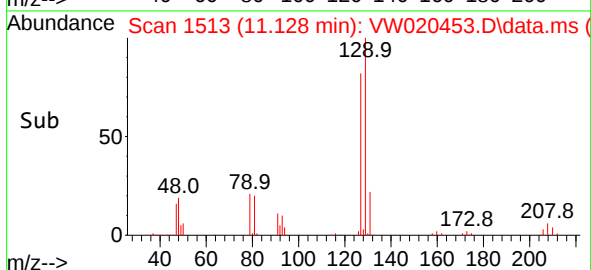
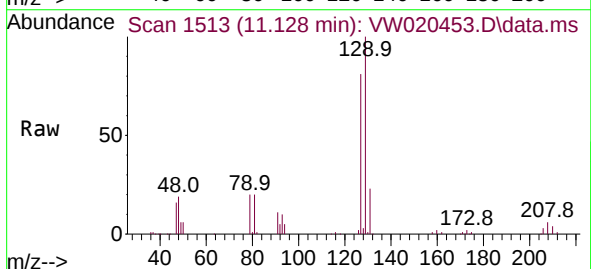
Instrument :
MSVOA_W
ClientSampleId :

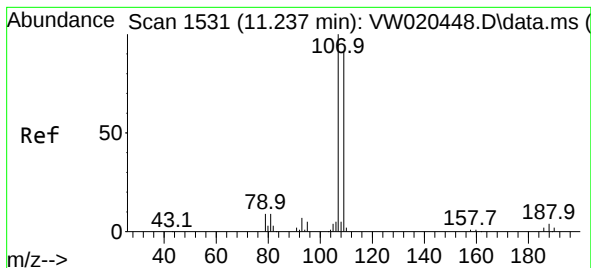
Tgt Ion:	43	Resp:	102722
Ion	Ratio	Lower	Upper
43	100		
58	51.4	39.5	59.3
57	18.7	14.2	21.4
100	10.6	8.2	12.4



#49
Dibromochloromethane
Concen: 25.408 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

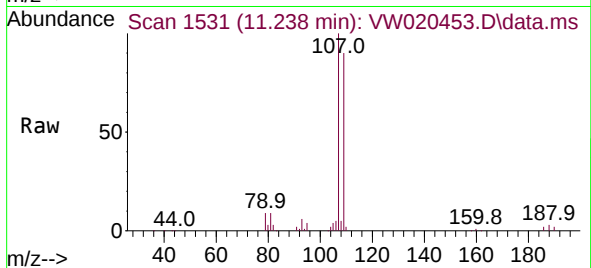
Tgt Ion:	129	Resp:	77989
Ion	Ratio	Lower	Upper
129	100		
127	81.3	55.1	102.3



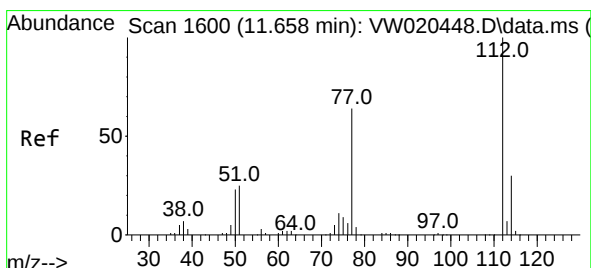
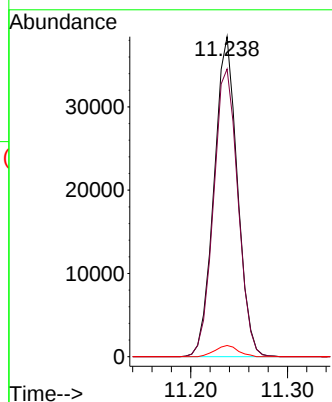
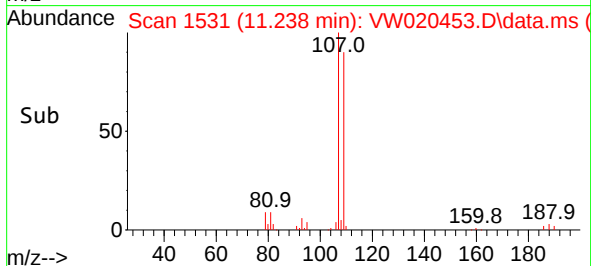


#50
1,2-Dibromoethane
Concen: 25.158 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

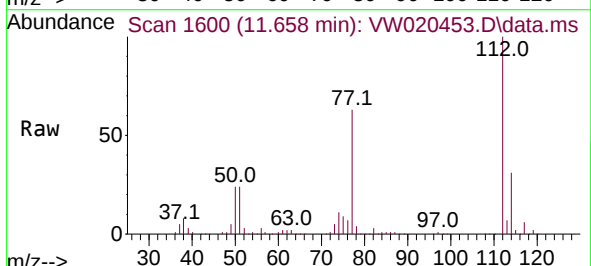
Instrument :
MSVOA_W
ClientSampleId :



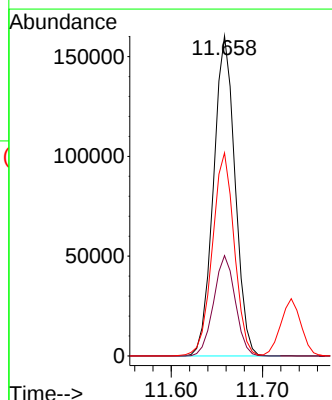
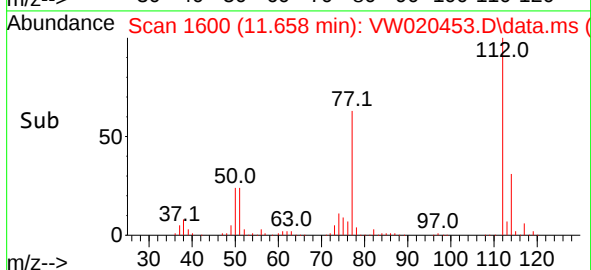
Tgt Ion:107 Resp: 64385
Ion Ratio Lower Upper
107 100
109 89.9 64.5 119.9
188 3.5 3.2 4.8

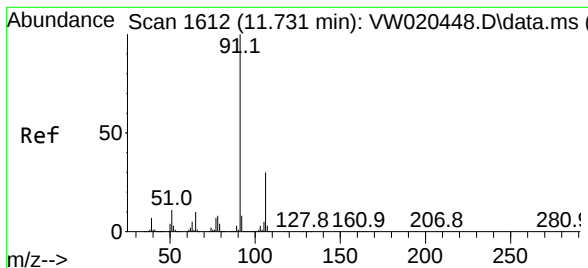


#51
Chlorobenzene
Concen: 25.347 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21



Tgt Ion:112 Resp: 262703
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 63.5 50.7 76.1

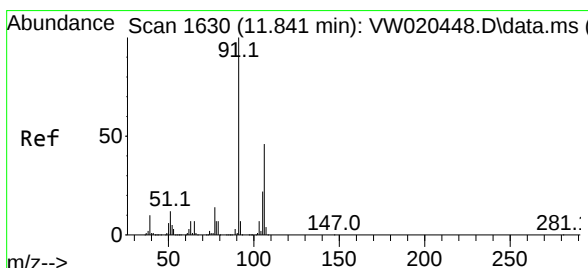
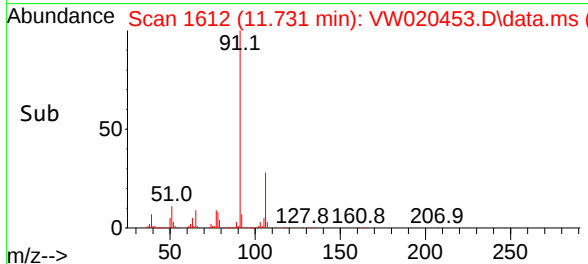
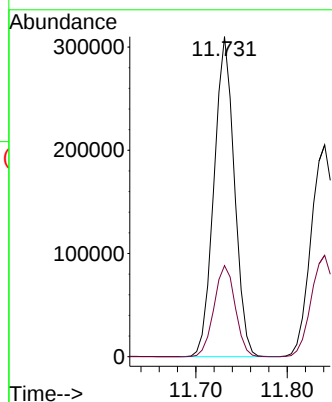
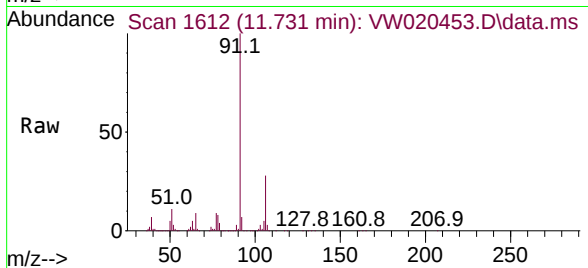




#52
Ethylbenzene
Concen: 26.332 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

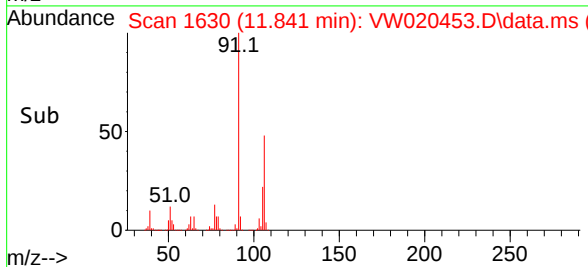
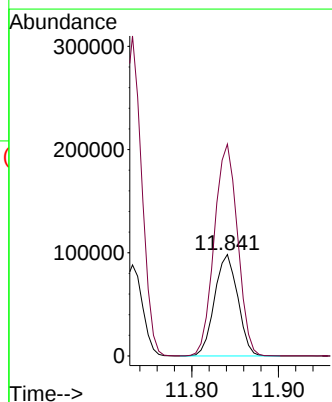
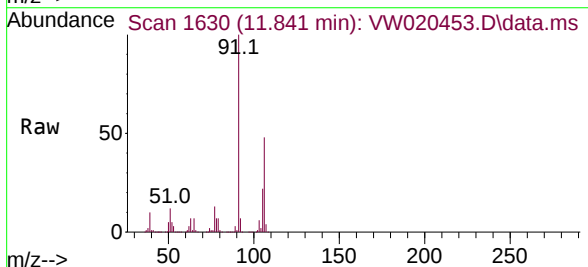
Instrument :
MSVOA_W
ClientSampled :

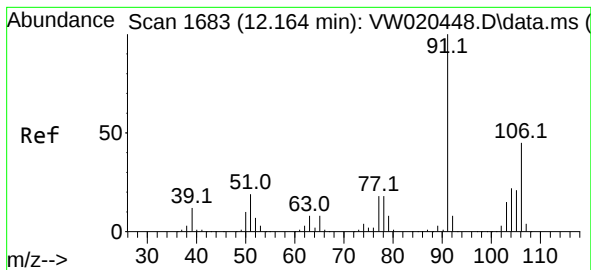
Tgt Ion: 91 Resp: 479924
Ion Ratio Lower Upper
91 100
106 28.5 21.3 39.5



#53
m,p-Xylene
Concen: 27.099 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion:106 Resp: 183006
Ion Ratio Lower Upper
106 100
91 208.8 148.2 275.2

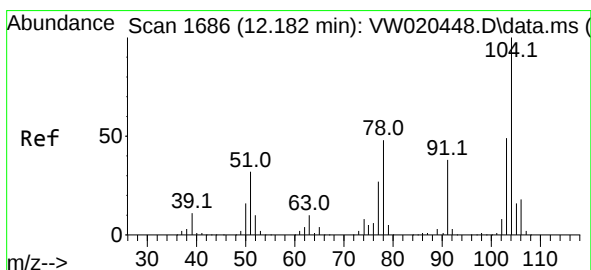
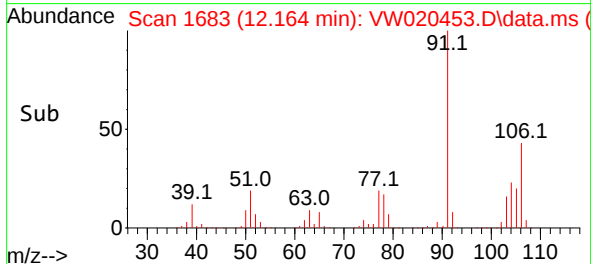
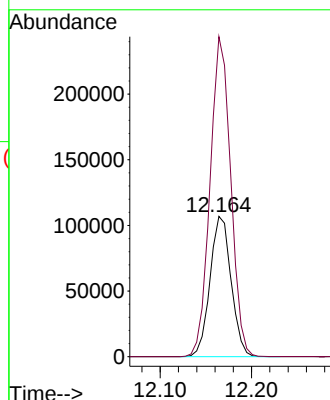
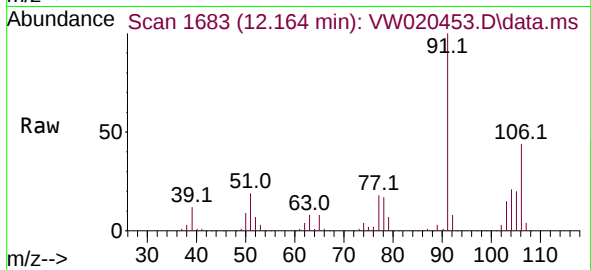




#54
o-Xylene
Concen: 27.412 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

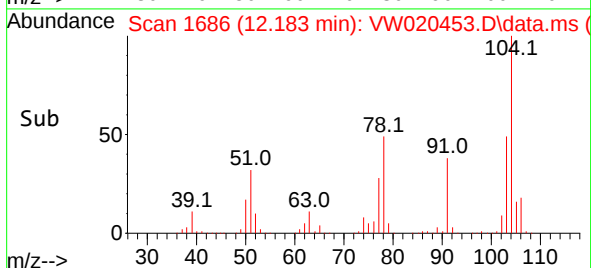
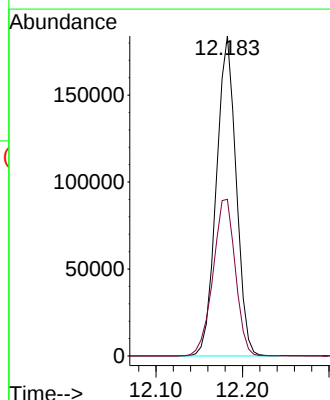
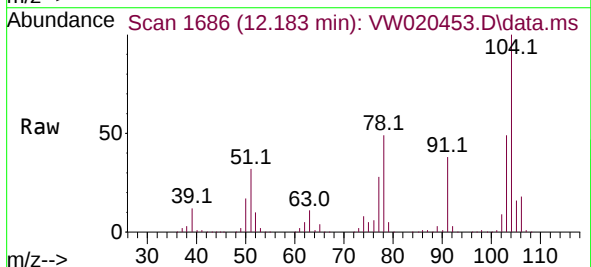
Instrument :
MSVOA_W
ClientSampled :

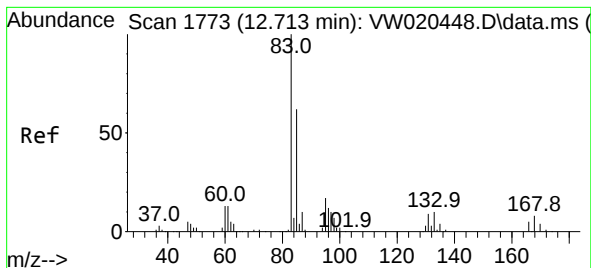
Tgt Ion:106 Resp: 170955
Ion Ratio Lower Upper
106 100
91 228.2 156.1 289.9



#55
Styrene
Concen: 26.756 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion:104 Resp: 291761
Ion Ratio Lower Upper
104 100
78 48.9 33.2 61.7

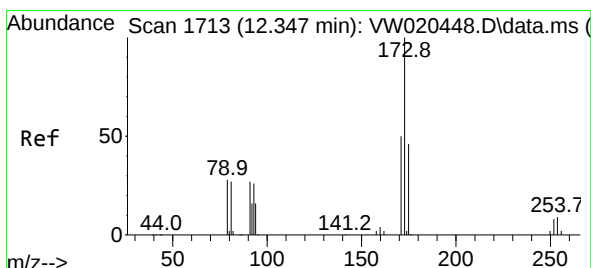
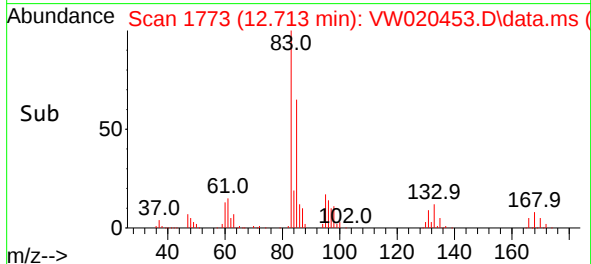
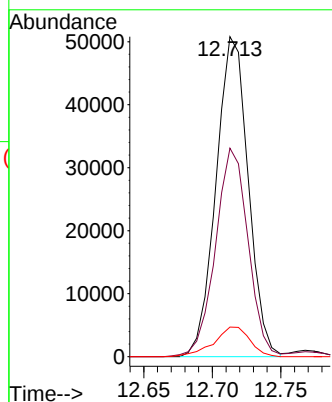
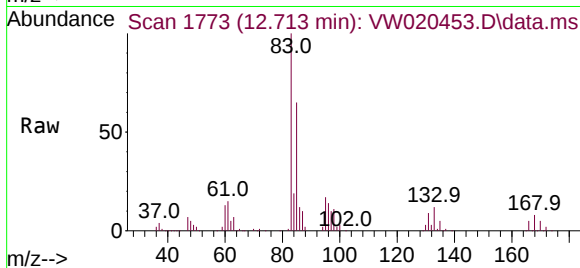




#57
1,1,2,2-Tetrachloroethane
Concen: 24.051 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

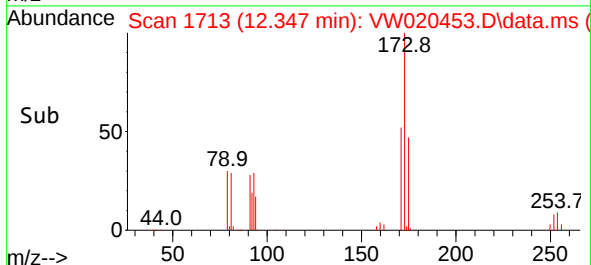
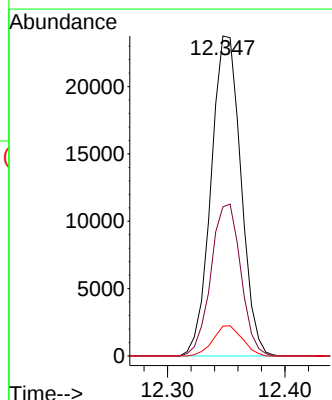
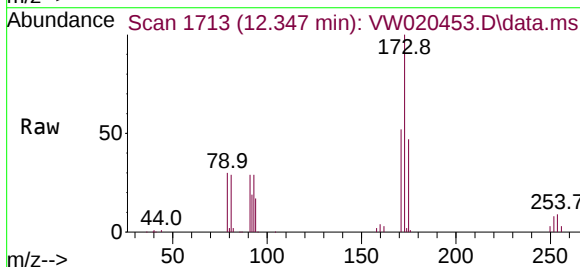
Instrument :
MSVOA_W
ClientSampled :

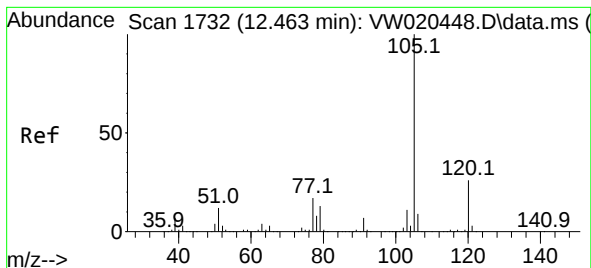
Tgt Ion: 83 Resp: 83070
Ion Ratio Lower Upper
83 100
85 65.2 45.9 85.3
131 9.3 7.4 11.2



#59
Bromoform
Concen: 25.052 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

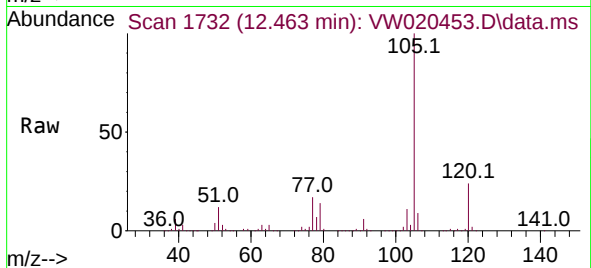
Tgt Ion: 173 Resp: 41892
Ion Ratio Lower Upper
173 100
175 47.5 38.6 57.8
254 9.2 7.3 10.9



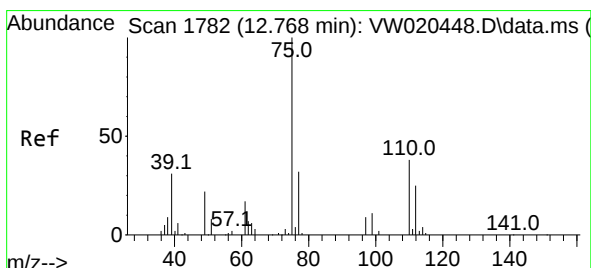
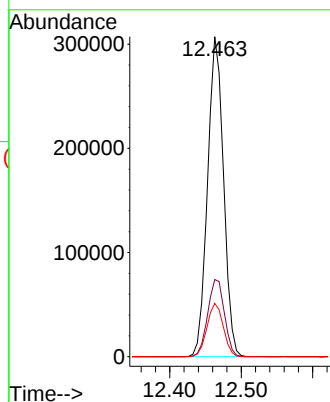
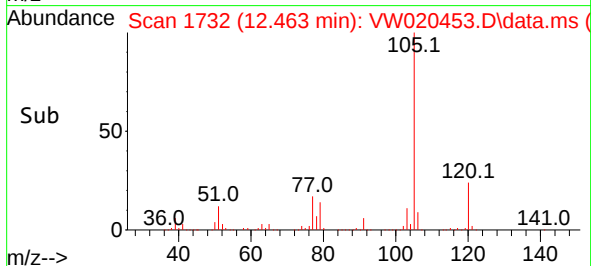


#60
Isopropylbenzene
Concen: 27.170 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

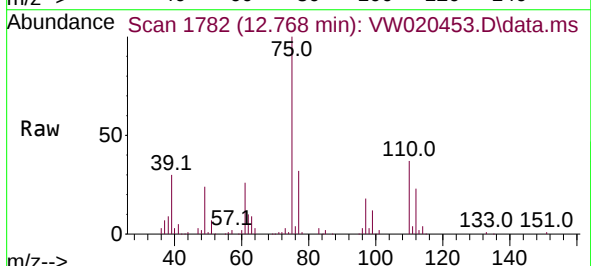
Instrument :
MSVOA_W
ClientSampleId :



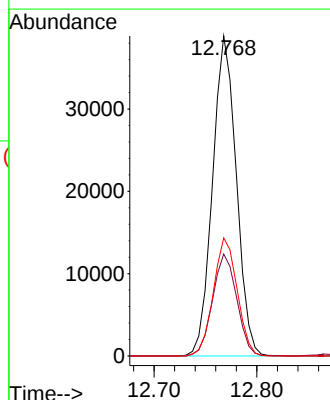
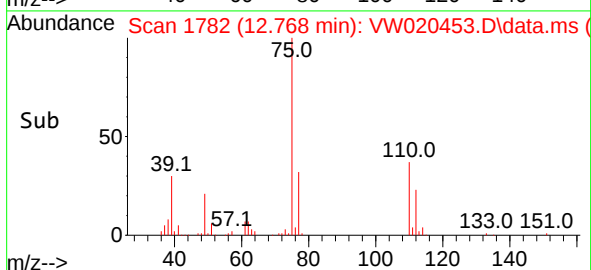
Tgt Ion:105 Resp: 476026
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 17.0 13.8 20.6

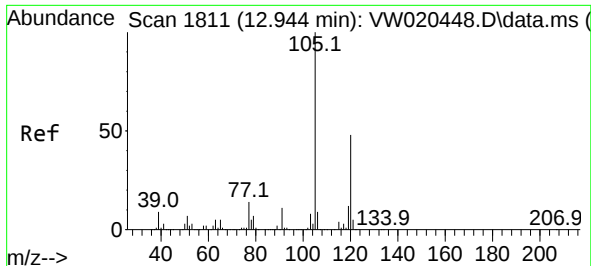


#61
1,2,3-Trichloropropane
Concen: 23.743 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21



Tgt Ion: 75 Resp: 62438
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7
110 36.8 29.4 44.0

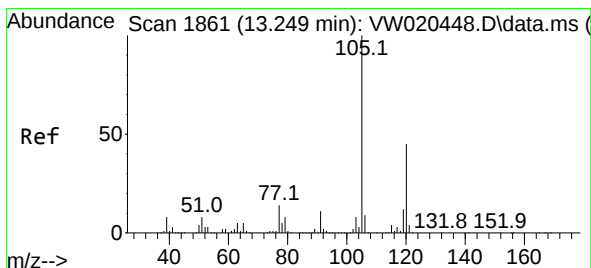
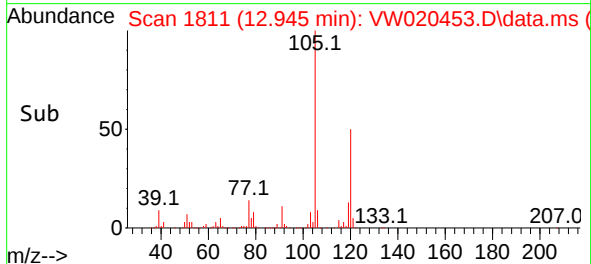
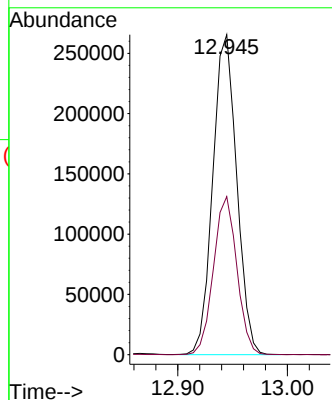
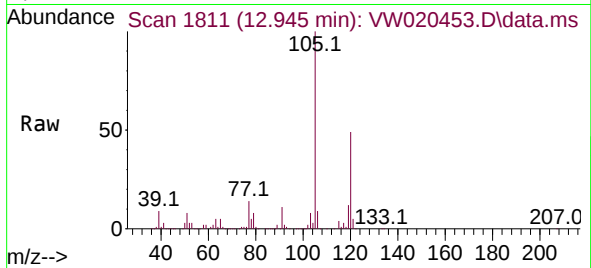




#62
1,3,5-Trimethylbenzene
Concen: 28.168 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

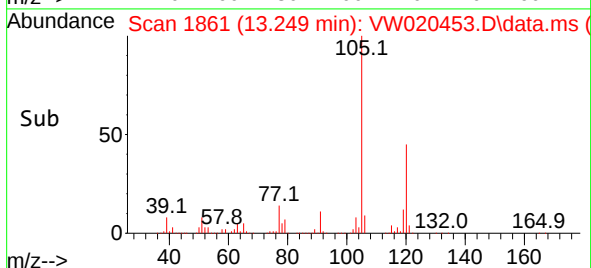
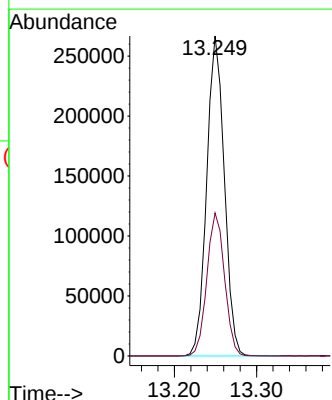
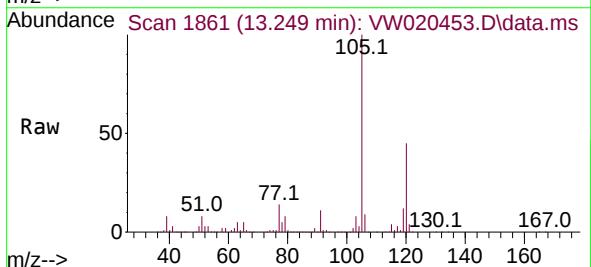
Instrument :
MSVOA_W
ClientSampled :

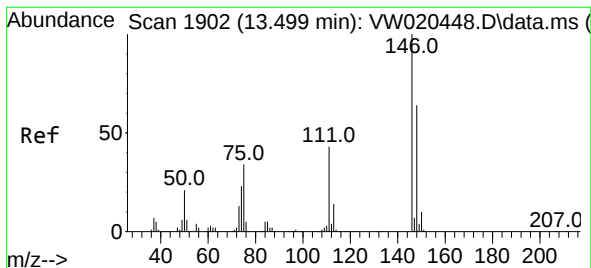
Tgt Ion:105 Resp: 402934
Ion Ratio Lower Upper
105 100
120 48.3 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 27.983 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion:105 Resp: 396487
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.2

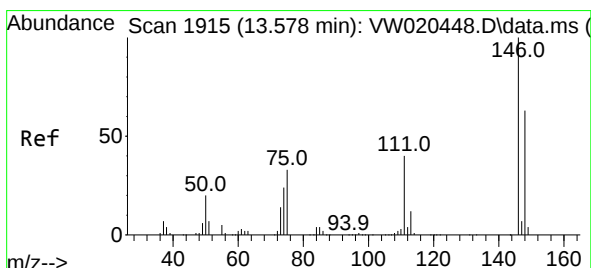
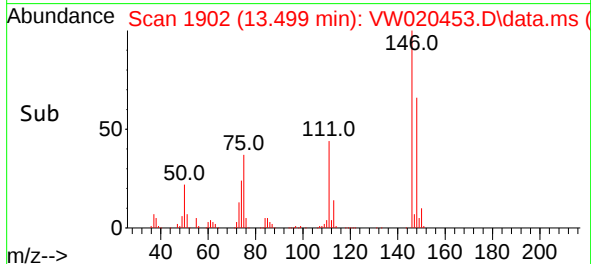
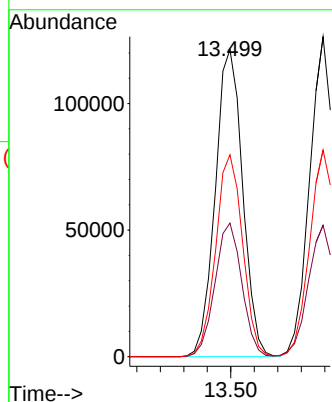
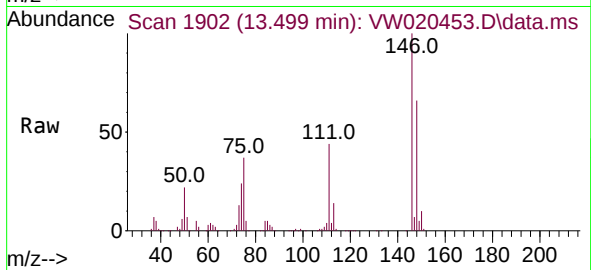




#64
1,3-Dichlorobenzene
Concen: 25.934 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

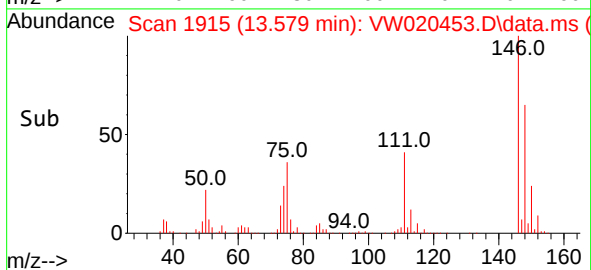
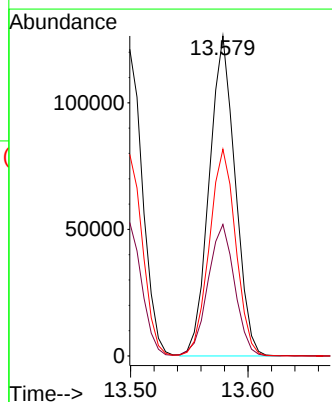
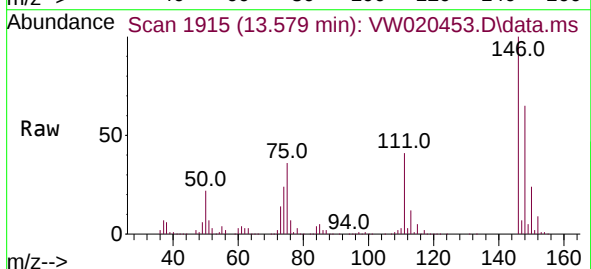
Instrument :
MSVOA_W
ClientSampled :

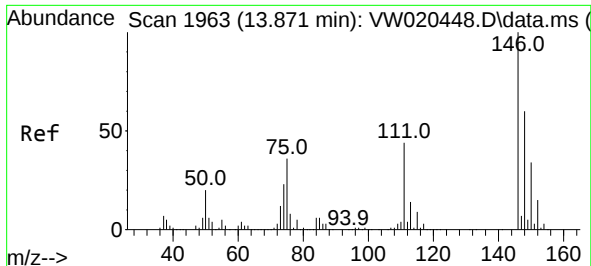
Tgt Ion:146 Resp: 196591
Ion Ratio Lower Upper
146 100
111 43.5 29.0 53.8
148 65.7 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 24.766 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion:146 Resp: 194189
Ion Ratio Lower Upper
146 100
111 41.1 30.9 57.5
148 64.6 46.1 85.7

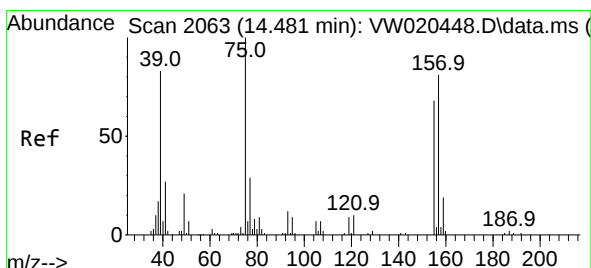
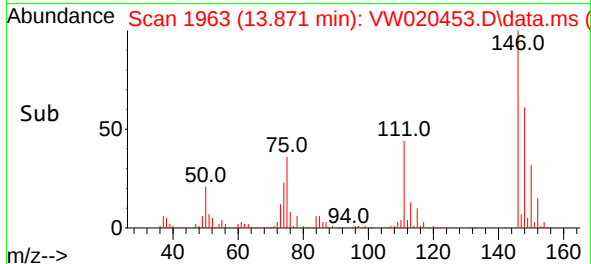
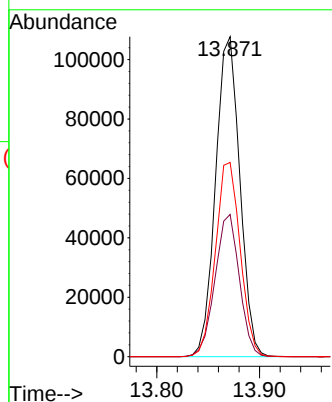
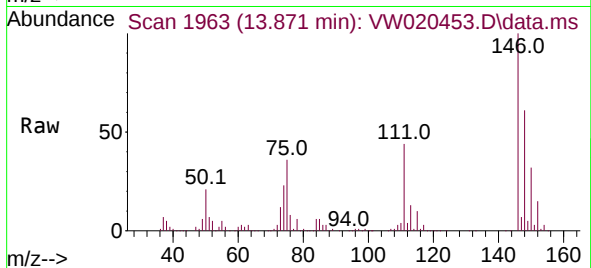




#67
1,2-Dichlorobenzene
Concen: 25.433 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

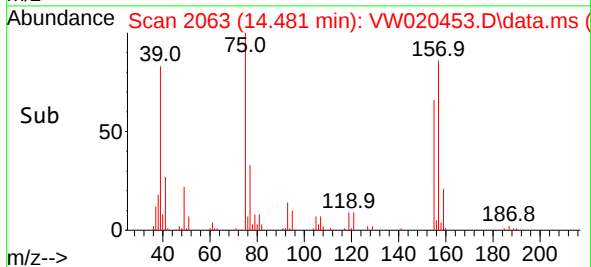
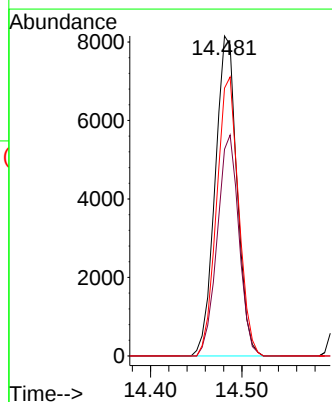
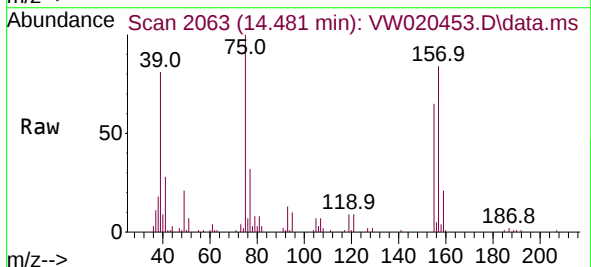
Instrument :
MSVOA_W
ClientSampled :

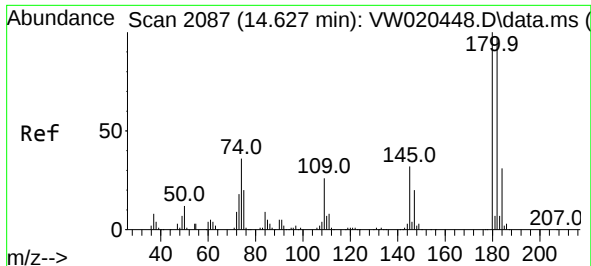
Tgt Ion:146 Resp: 176635
Ion Ratio Lower Upper
146 100
111 44.4 33.9 50.9
148 60.7 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.292 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

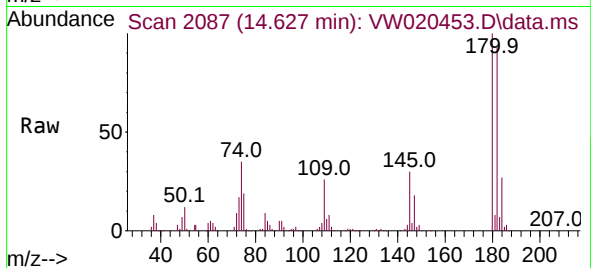
Tgt Ion: 75 Resp: 13569
Ion Ratio Lower Upper
75 100
155 64.6 51.4 77.0
157 83.7 70.8 106.2



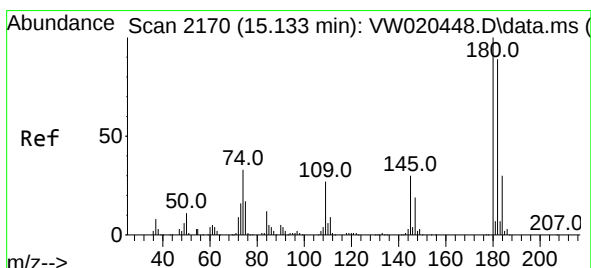
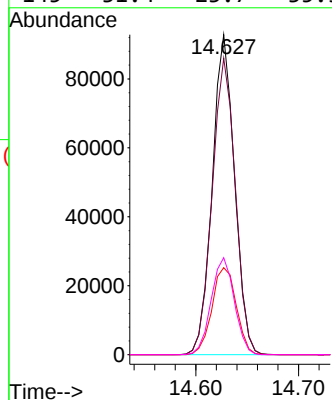
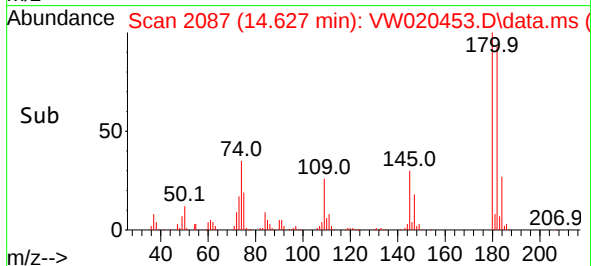


#69
1,3,5-Trichlorobenzene
Concen: 25.870 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

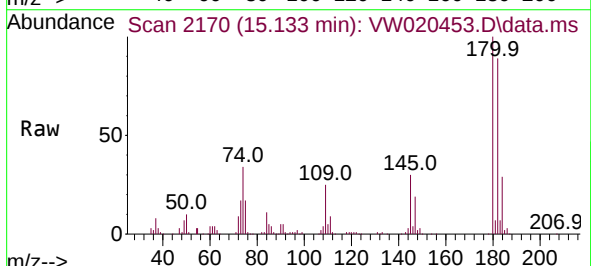
Instrument :
MSVOA_W
ClientSampled :



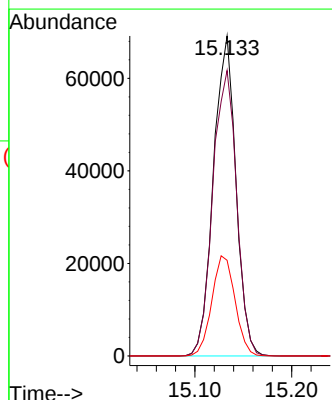
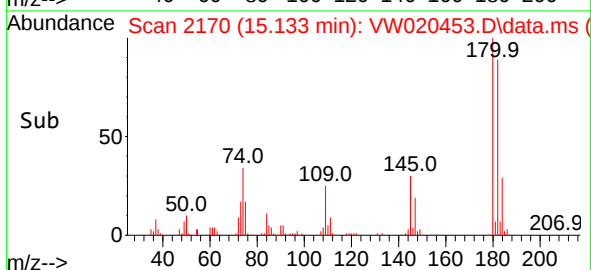
Tgt Ion:180 Resp: 139837
Ion Ratio Lower Upper
180 100
182 95.9 73.4 110.0
184 29.7 24.2 36.4
145 31.4 23.7 35.5

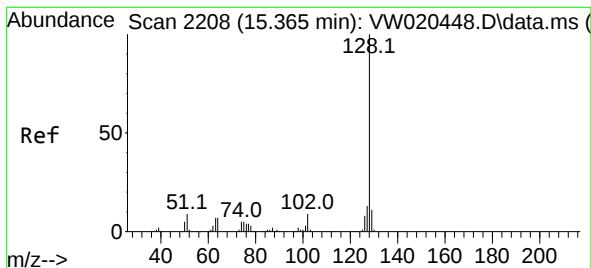


#70
1,2,4-trichlorobenzene
Concen: 26.096 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21



Tgt Ion:180 Resp: 111693
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.8
145 32.3 24.8 37.2

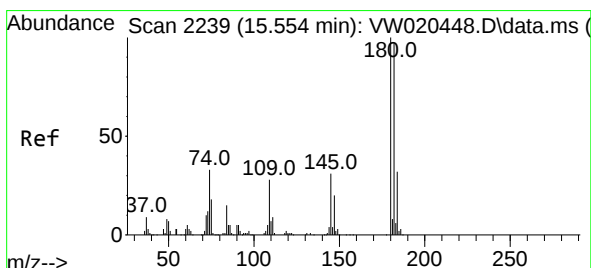
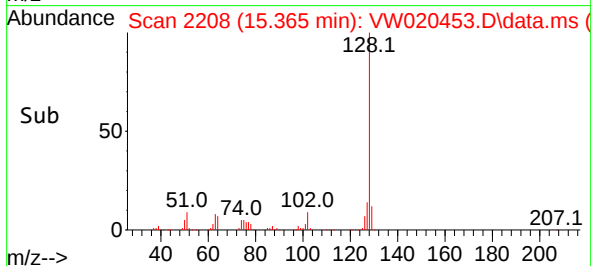
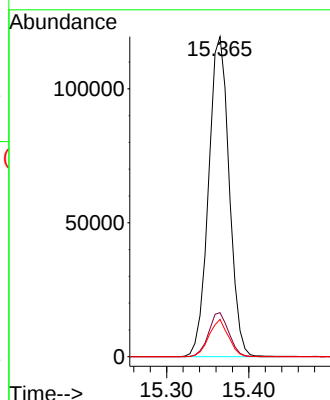
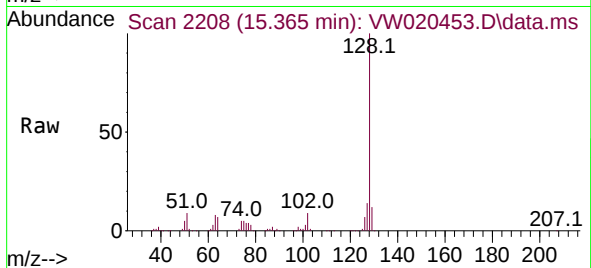




#71
Naphthalene
Concen: 27.042 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 208095
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.731 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020453.D
Acq: 12 Oct 2021 17:21

Tgt Ion:180 Resp: 96729
Ion Ratio Lower Upper
180 100
182 95.0 74.8 112.2
145 33.3 26.2 39.4

