

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
 Data File : VW020026.D
 Acq On : 15 Sep 2021 09:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 00:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:16:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	320395	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	299792	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	164355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142187	26.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.760%
7) Chloroethane-d5	2.898	69	116977	25.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	4.032	63	214526	24.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.480%
21) 2-Butanone-d5	7.080	46	47126	32.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.280%
24) Chloroform-d	7.653	84	217740	24.664	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.640%
26) 1,2-Dichloroethane-d4	8.311	65	122156	23.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.960%
32) Benzene-d6	8.281	84	420101	25.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.720%
36) 1,2-Dichloropropane-d6	9.275	67	120079	24.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.000%
41) Toluene-d8	10.323	98	403145	26.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.160%
43) trans-1,3-Dichloroprop...	10.579	79	56465	25.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.200%
47) 2-Hexanone-d5	10.927	63	37932	38.271	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.540%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	106128	22.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	132557	23.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	83796	25.224	ug/L	93
3) Chloromethane	2.221	50	108027	24.147	ug/L	96
5) Vinyl chloride	2.373	62	185043	26.438	ug/L	98
6) Bromomethane	2.788	94	123378	25.153	ug/L	100
8) Chloroethane	2.934	64	111705	26.164	ug/L	98
9) Trichlorofluoromethane	3.270	101	107585	26.349	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	120373	26.205	ug/L	96
12) 1,1-Dichloroethene	4.044	96	112831	25.949	ug/L	94
13) Acetone	4.123	43	45713	33.343	ug/L	94
14) Carbon disulfide	4.391	76	376606	26.524	ug/L	100
15) Methyl Acetate	4.672	43	44954	18.801	ug/L	99
16) Methylene chloride	4.922	84	116637	20.660	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	116877	25.514	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	138517	24.212	ug/L	99
19) 1,1-Dichloroethane	6.220	63	208136	25.400	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	119182	25.197	ug/L	98
22) 2-Butanone	7.171	43	60932	35.464	ug/L	98
23) Bromochloromethane	7.519	128	55845	25.498	ug/L	96
25) Chloroform	7.677	83	217689	25.291	ug/L	97

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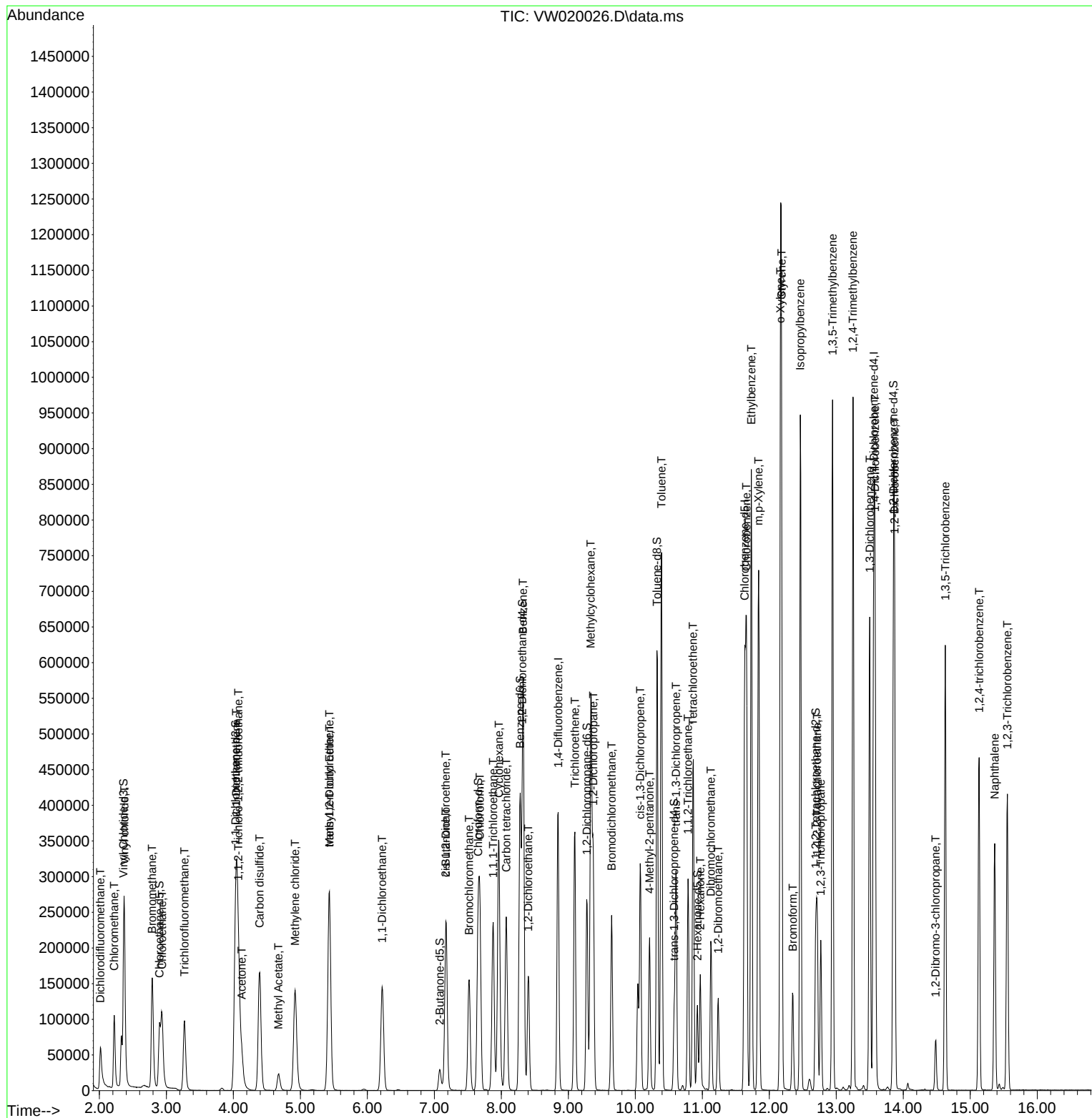
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148420	24.645	ug/L	100
29) Cyclohexane	7.964	56	185322	27.457	ug/L	99
30) 1,1,1-Trichloroethane	7.879	97	186614	26.559	ug/L	99
31) Carbon tetrachloride	8.074	117	179659	27.408	ug/L	100
33) Benzene	8.324	78	482721	26.748	ug/L	100
34) Trichloroethene	9.098	95	125126	26.186	ug/L	93
35) Methylcyclohexane	9.336	83	223245	27.706	ug/L	99
37) 1,2-Dichloropropane	9.372	63	117313	26.853	ug/L	99
38) Bromodichloromethane	9.646	83	156709	26.592	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	178697	27.099	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	130298	41.812	ug/L	99
42) Toluene	10.390	91	536401	27.862	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	165769	26.550	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	88697	25.385	ug/L	96
46) Tetrachloroethene	10.860	164	98699	26.695	ug/L	98
48) 2-Hexanone	10.969	43	96981	43.415	ug/L	98
49) Dibromochloromethane	11.128	129	105160	26.191	ug/L	94
50) 1,2-Dibromoethane	11.238	107	83772	24.377	ug/L	96
51) Chlorobenzene	11.658	112	330828	26.505	ug/L	98
52) Ethylbenzene	11.731	91	582666	27.710	ug/L	97
53) m,p-Xylene	11.841	106	227864	28.483	ug/L	94
54) o-Xylene	12.164	106	212984	28.211	ug/L	100
55) Styrene	12.183	104	378111	29.128	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	110262	24.079	ug/L	100
59) Bromoform	12.353	173	59715	24.007	ug/L	99
60) Isopropylbenzene	12.463	105	570865	26.187	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80786	21.020	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	481830	27.169	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	487824	28.014	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	253547	25.293	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	261592	25.605	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	231607	25.353	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18545	20.001	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	173050	24.959	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	142662	26.276	ug/L	99
71) Naphthalene	15.365	128	282925	24.385	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	130897	25.685	ug/L	97

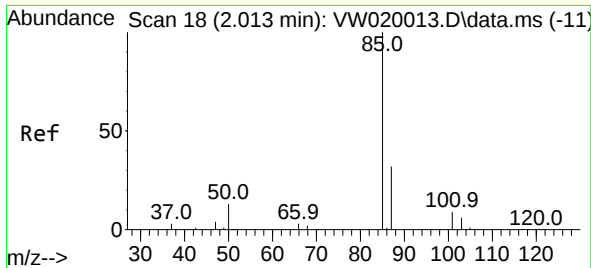
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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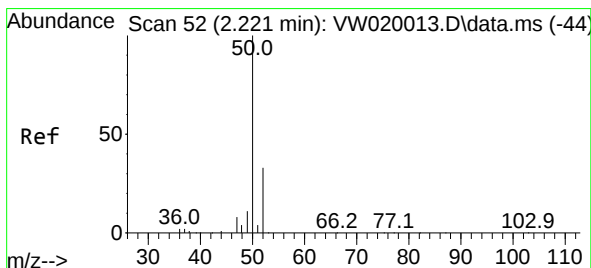
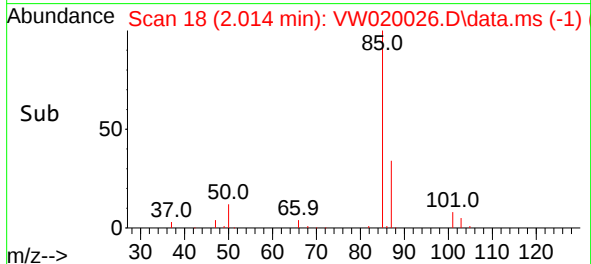
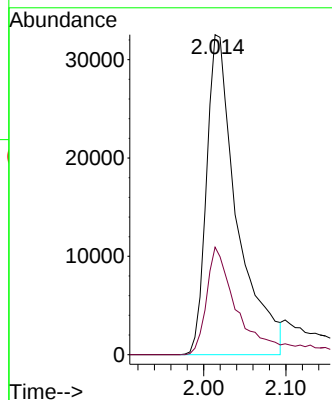
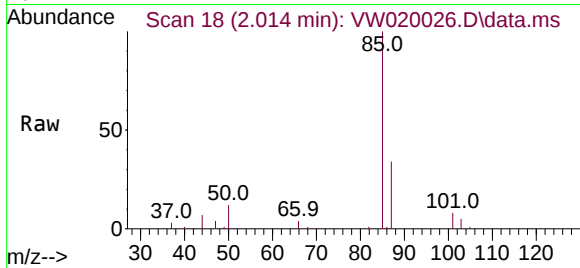




#2
 Dichlorodifluoromethane
 Concen: 25.224 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VW020026.D
 Acq: 15 Sep 2021 09:00

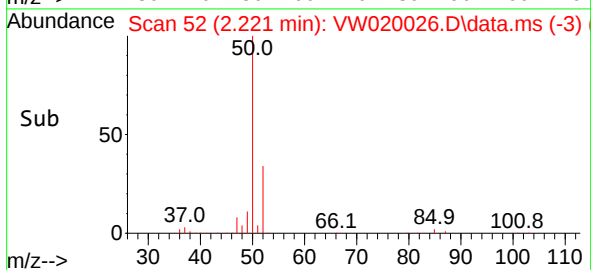
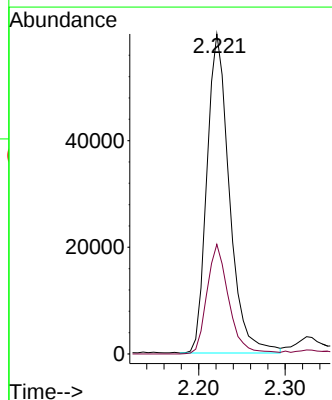
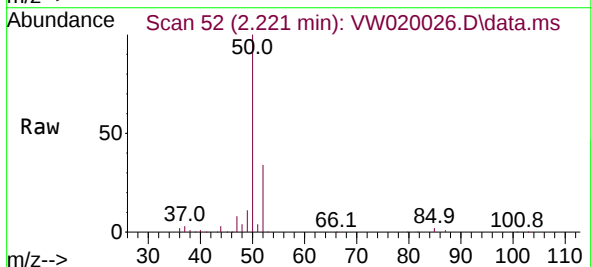
Instrument :
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 ClientSampled :

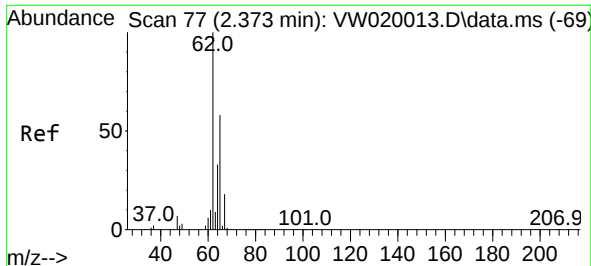
Tgt Ion: 85 Resp: 83796
 Ion Ratio Lower Upper
 85 100
 87 32.6 23.3 34.9



#3
 Chloromethane
 Concen: 24.147 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW020026.D
 Acq: 15 Sep 2021 09:00

Tgt Ion: 50 Resp: 108027
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.5 41.9

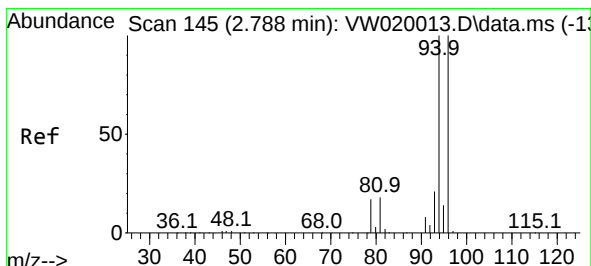
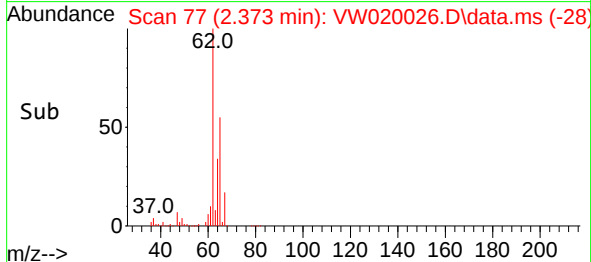
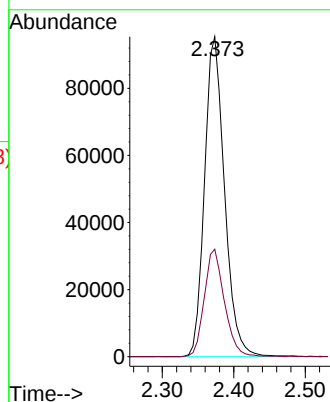
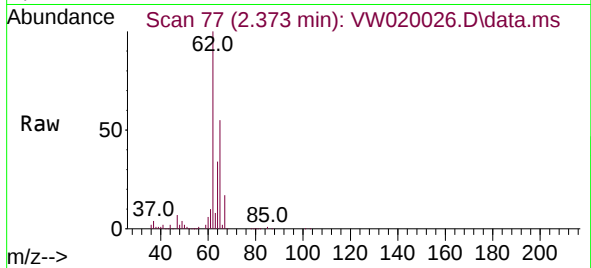




#5
 Vinyl chloride
 Concen: 26.438 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW020026.D
 Acq: 15 Sep 2021 09:00

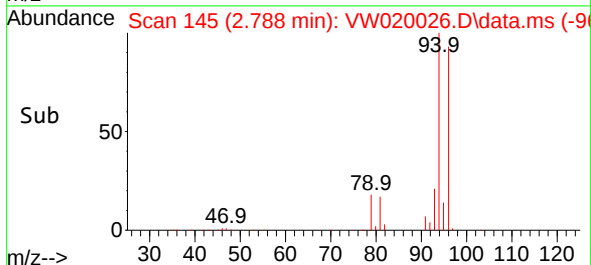
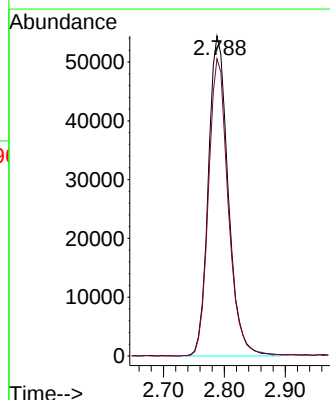
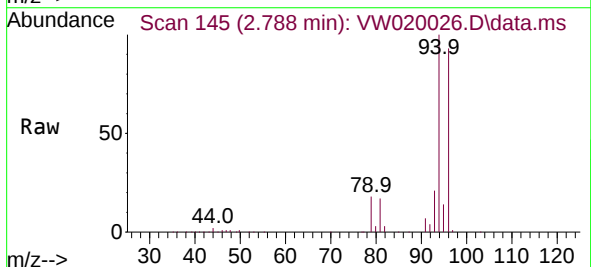
Instrument :
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 ClientSampled :

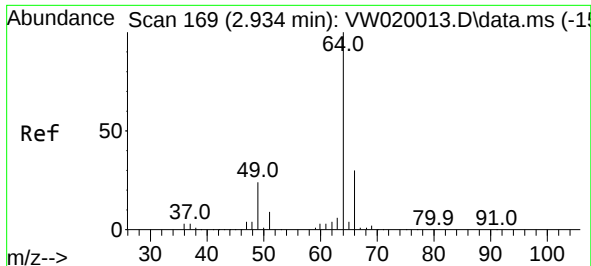
Tgt Ion: 62 Resp: 185043
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.2 45.0



#6
 Bromomethane
 Concen: 25.153 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW020026.D
 Acq: 15 Sep 2021 09:00

Tgt Ion: 94 Resp: 123378
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.3 121.3

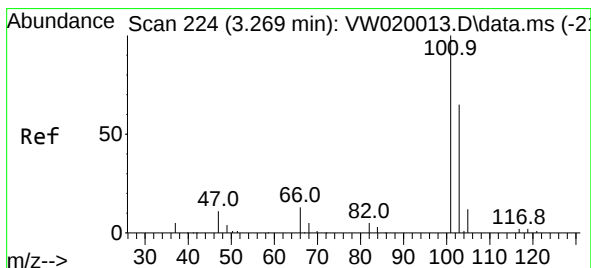
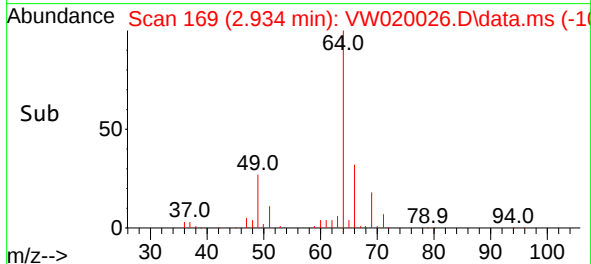
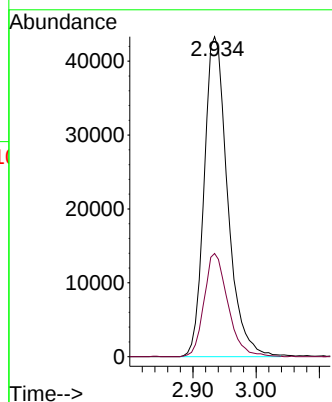
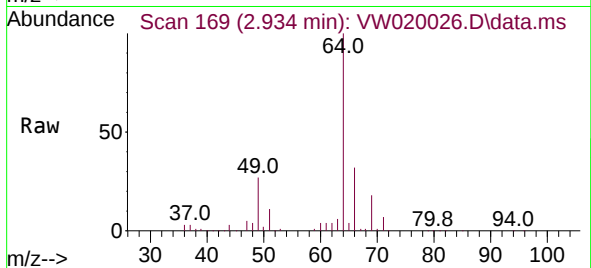




#8
Chloroethane
Concen: 26.164 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

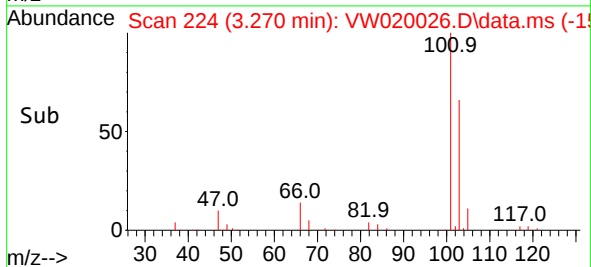
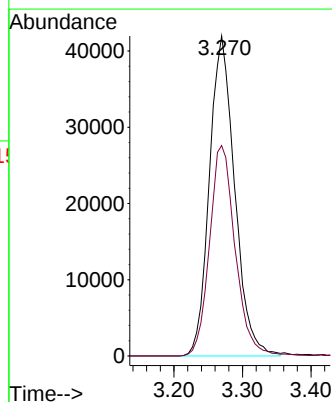
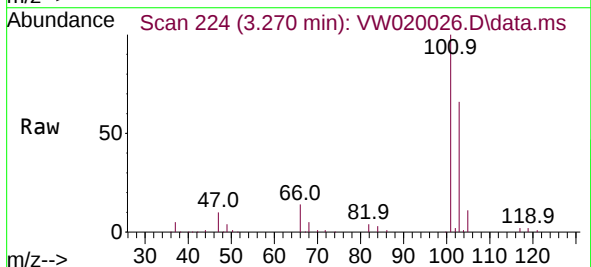
Instrument :
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ClientSampled :

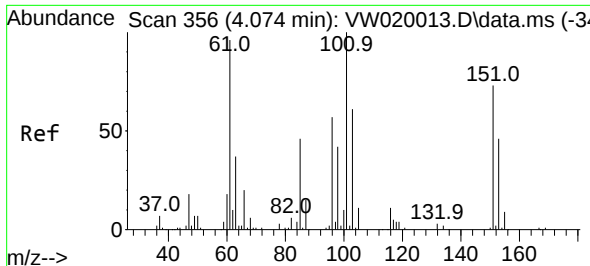
Tgt Ion: 64 Resp: 111705
Ion Ratio Lower Upper
64 100
66 32.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 26.349 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:101 Resp: 107585
Ion Ratio Lower Upper
101 100
103 66.9 51.0 76.4

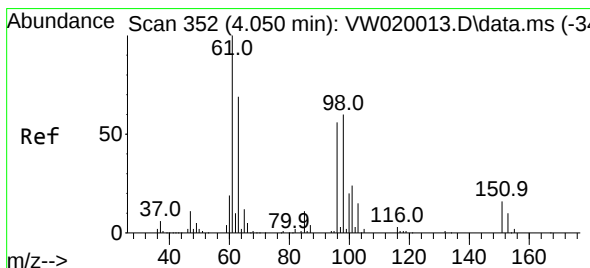
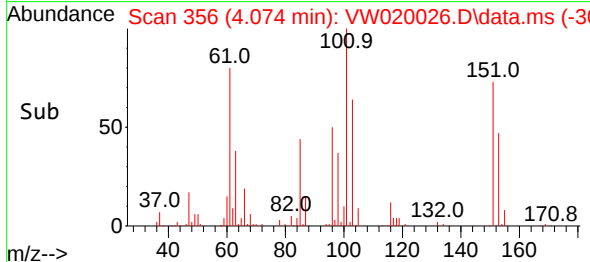
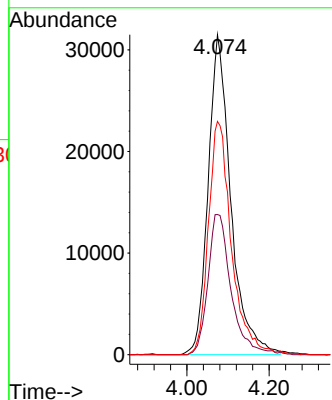
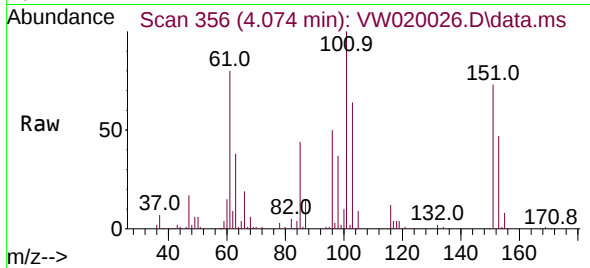




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.205 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW020026.D
 Acq: 15 Sep 2021 09:00

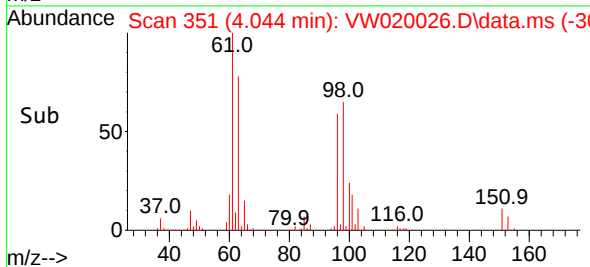
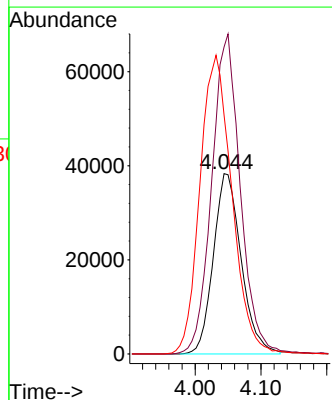
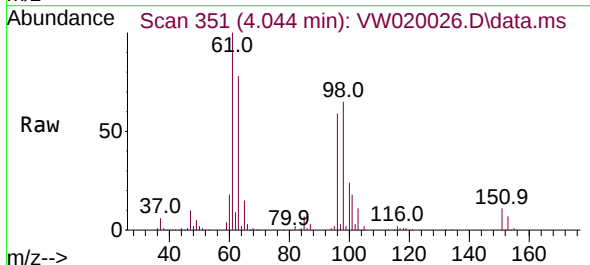
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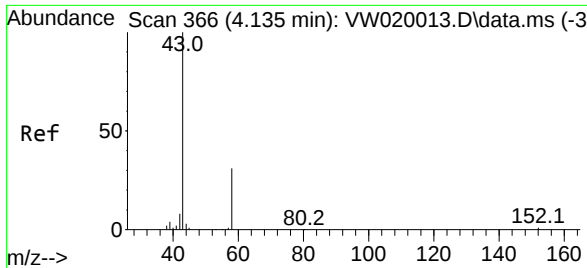
Tgt Ion:101 Resp: 120373
 Ion Ratio Lower Upper
 101 100
 85 44.3 38.2 57.2
 151 73.6 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 25.949 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW020026.D
 Acq: 15 Sep 2021 09:00

Tgt Ion: 96 Resp: 112831
 Ion Ratio Lower Upper
 96 100
 61 170.2 118.1 219.3
 63 132.6 83.7 155.5

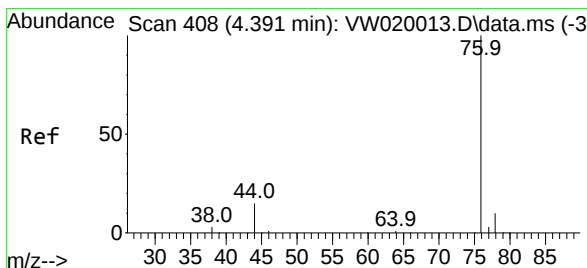
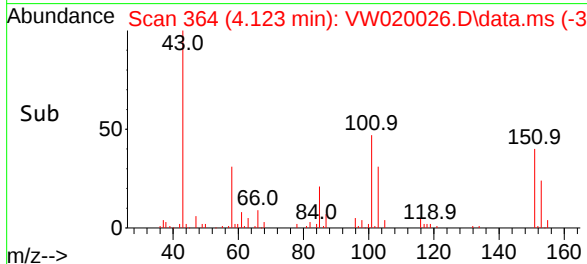
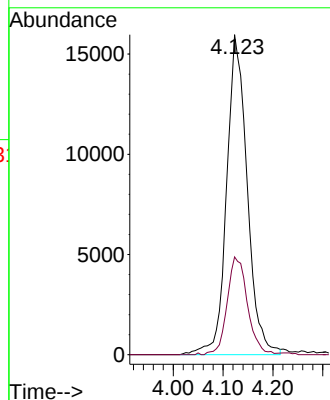
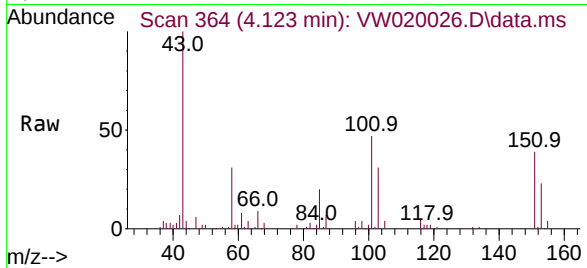




#13
Acetone
Concen: 33.343 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

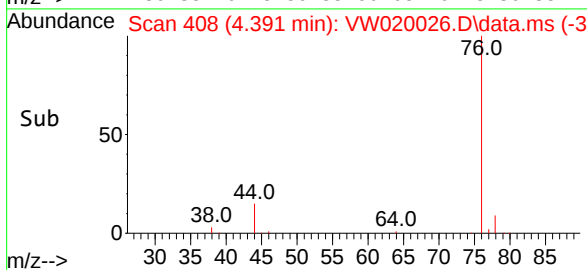
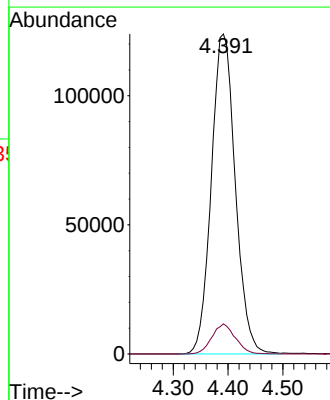
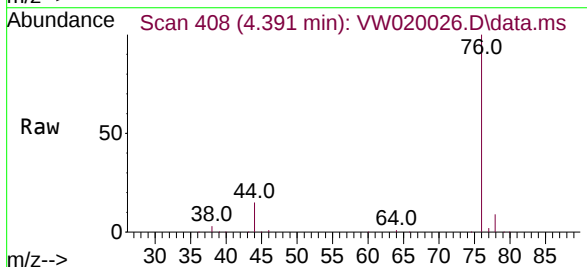
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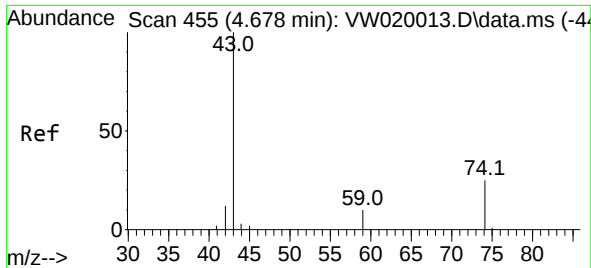
Tgt Ion: 43 Resp: 45713
Ion Ratio Lower Upper
43 100
58 29.9 0.0 53.8



#14
Carbon disulfide
Concen: 26.524 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 376606
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

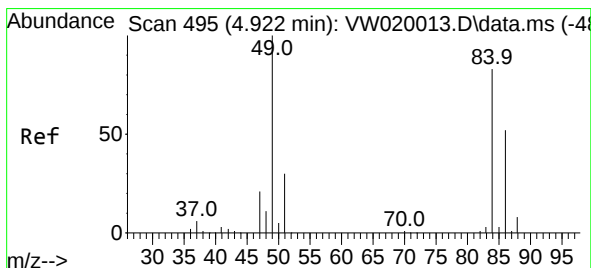
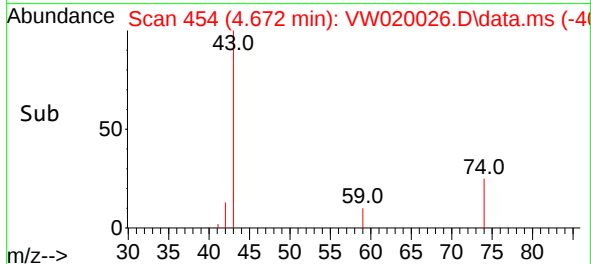
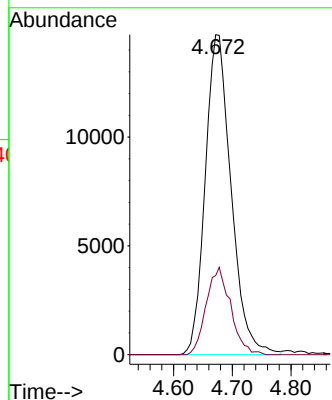
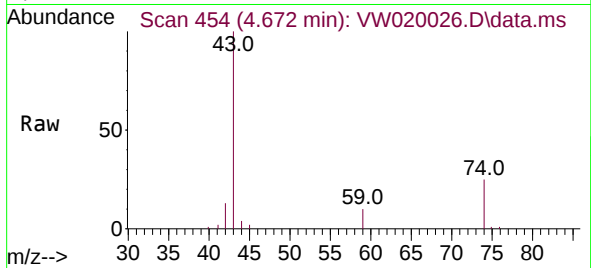




#15
Methyl Acetate
Concen: 18.801 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

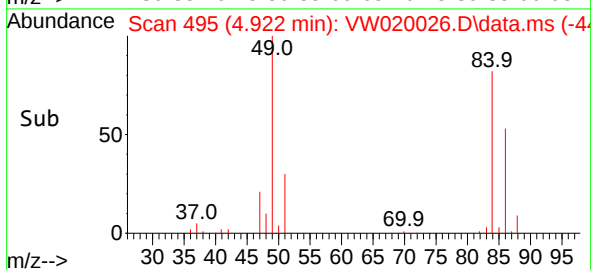
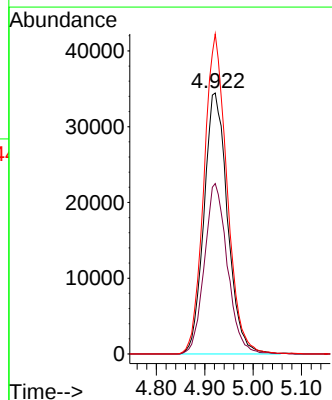
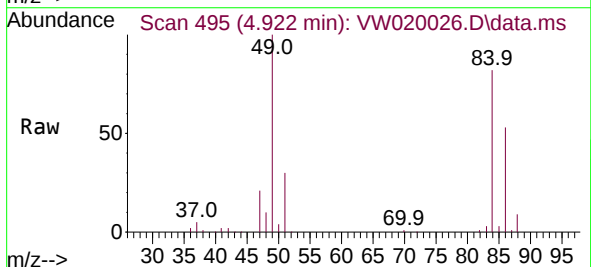
Instrument :
MSVOA_W
ClientSampled :

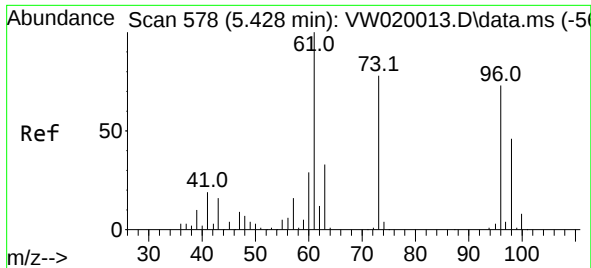
Tgt Ion: 43 Resp: 44954
Ion Ratio Lower Upper
43 100
74 25.4 20.0 30.0



#16
Methylene chloride
Concen: 20.660 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion: 84 Resp: 116637
Ion Ratio Lower Upper
84 100
86 65.3 45.3 84.1
49 122.6 86.6 160.8

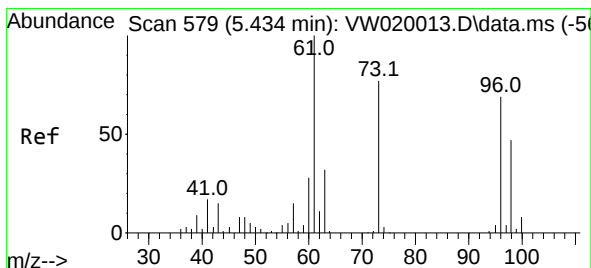
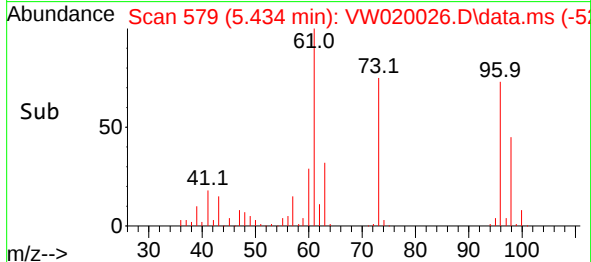
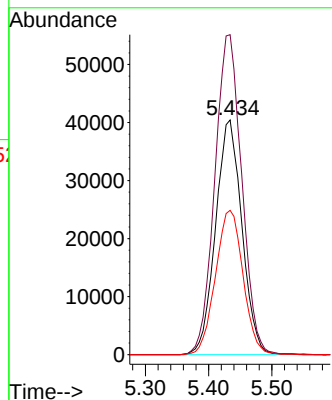
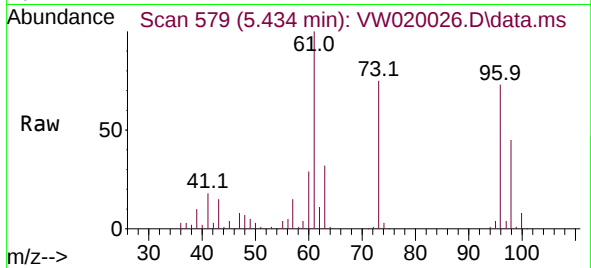




#17
trans-1,2-Dichloroethene
Concen: 25.514 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

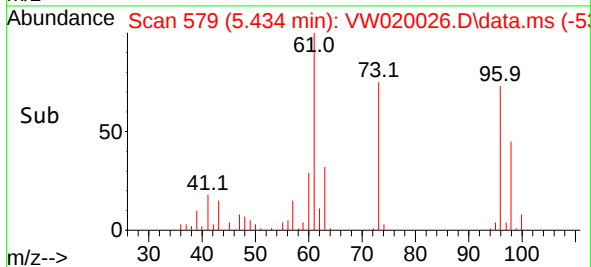
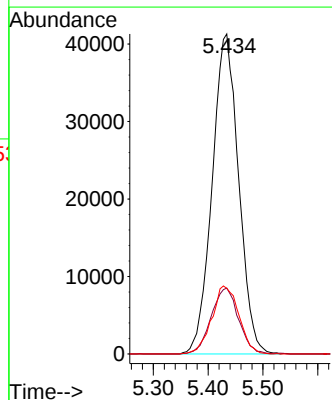
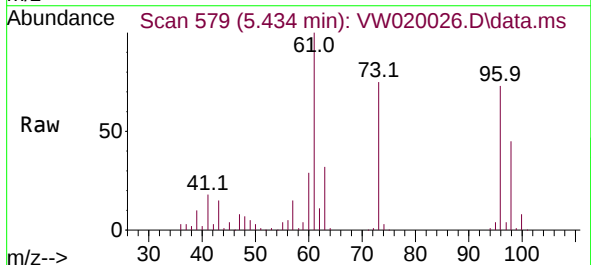
Instrument :
MSVOA_W
ClientSampled :

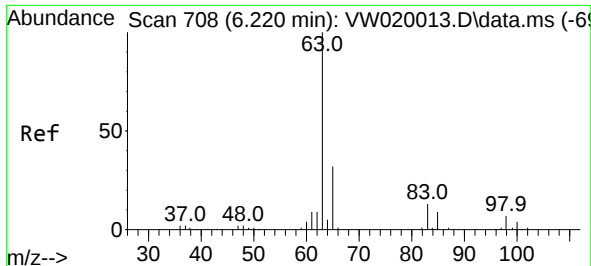
Tgt Ion: 96 Resp: 116877
Ion Ratio Lower Upper
96 100
61 136.3 98.3 182.7
98 61.5 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 24.212 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion: 73 Resp: 138517
Ion Ratio Lower Upper
73 100
43 21.2 17.7 26.5
57 21.7 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.400 ug/L

RT: 6.220 min Scan# 708

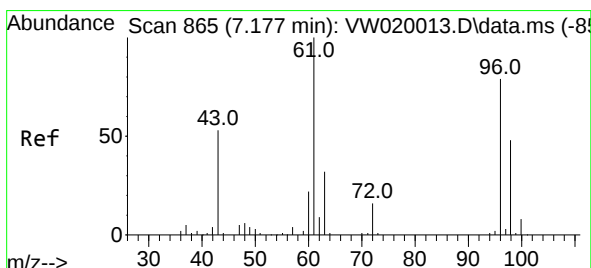
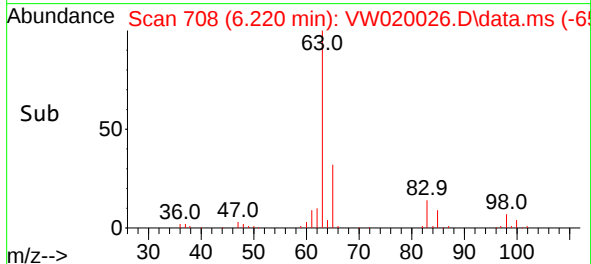
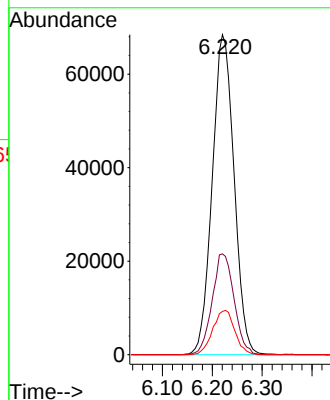
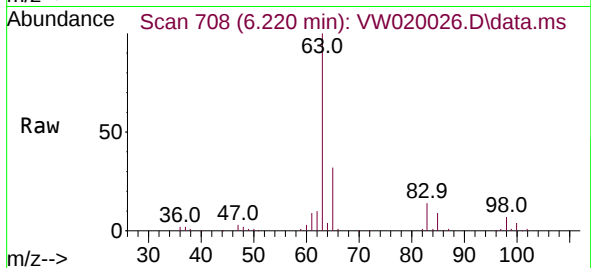
Delta R.T. 0.000 min

Lab File: VW020026.D

Acq: 15 Sep 2021 09:00

Tgt Ion:	63	Resp:	208136
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.9	42.5
83	13.5	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 25.197 ug/L

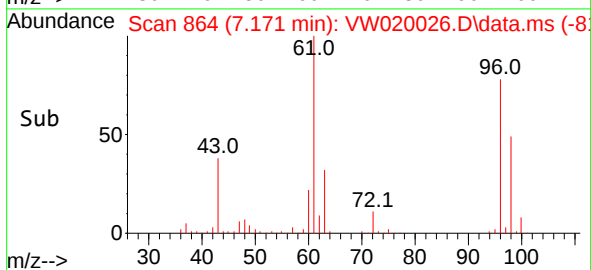
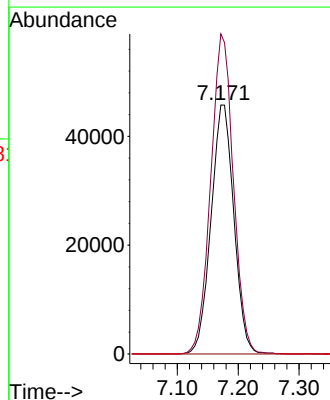
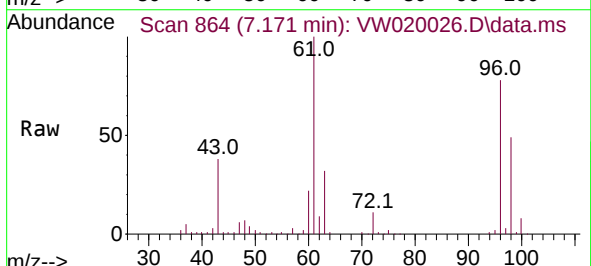
RT: 7.171 min Scan# 864

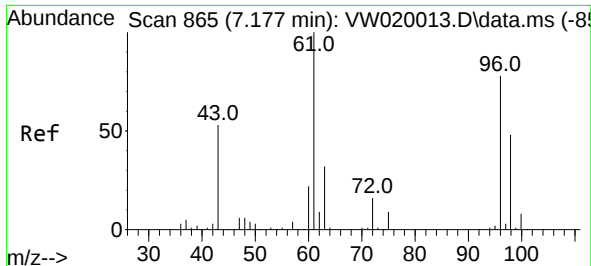
Delta R.T. -0.006 min

Lab File: VW020026.D

Acq: 15 Sep 2021 09:00

Tgt Ion:	96	Resp:	119182
Ion	Ratio	Lower	Upper
96	100		
61	128.6	88.5	164.3
68	0.0	0.0	0.0

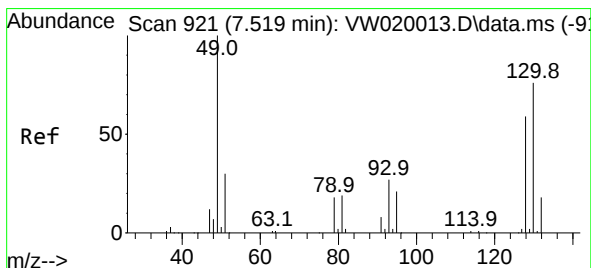
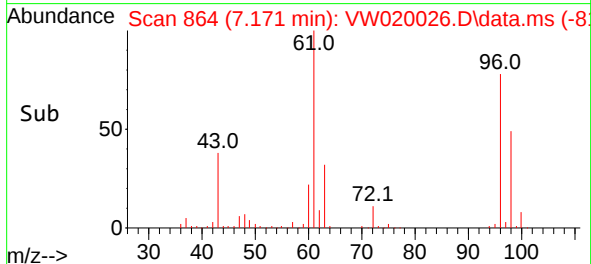
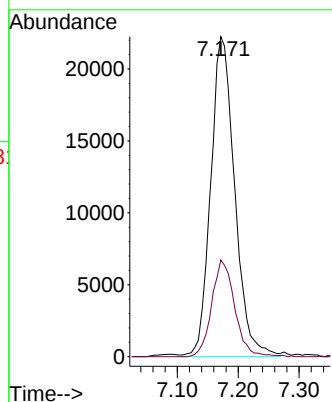
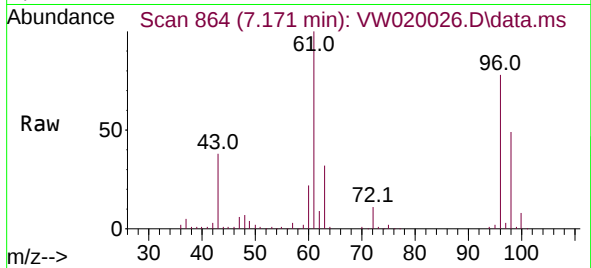




#22
2-Butanone
Concen: 35.464 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

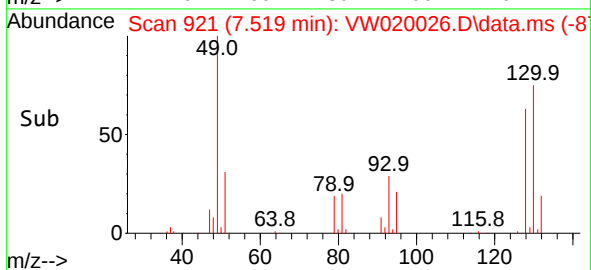
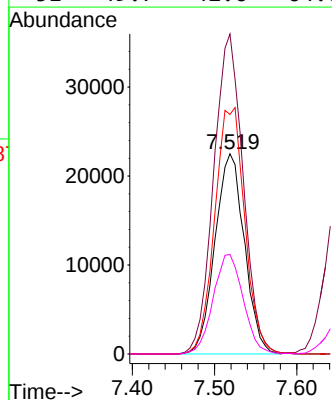
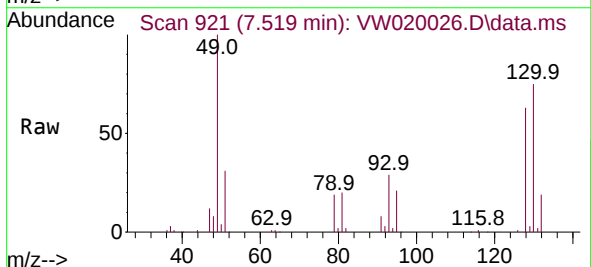
Instrument :
MSVOA_W
ClientSampled :

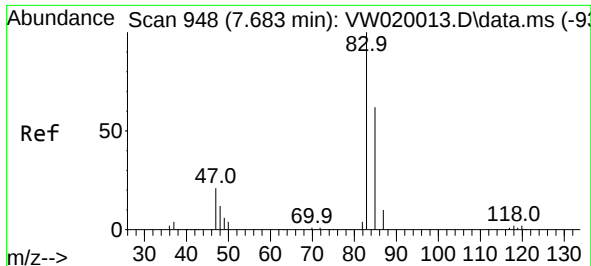
Tgt Ion: 43 Resp: 60932
Ion Ratio Lower Upper
43 100
72 28.8 14.9 44.7



#23
Bromochloromethane
Concen: 25.498 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion: 128 Resp: 55845
Ion Ratio Lower Upper
128 100
49 159.8 116.3 215.9
130 119.6 82.4 153.0
51 49.7 42.6 64.0

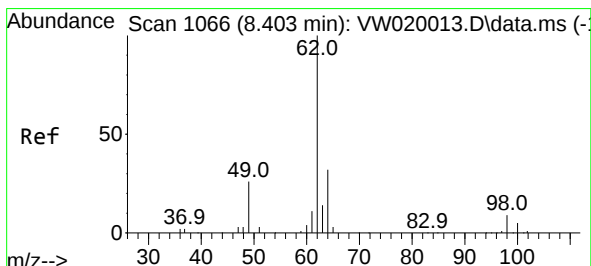
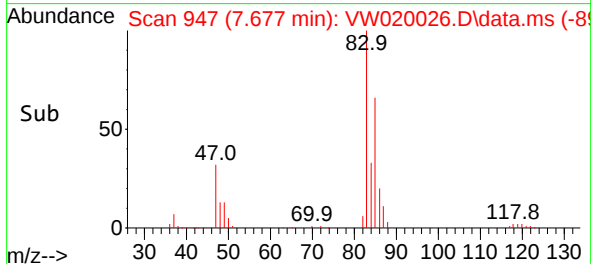
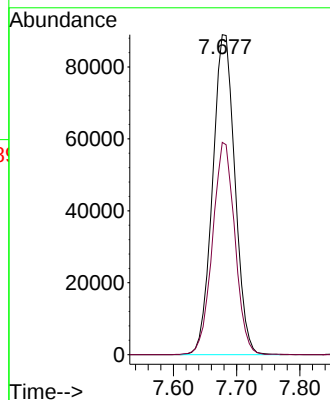
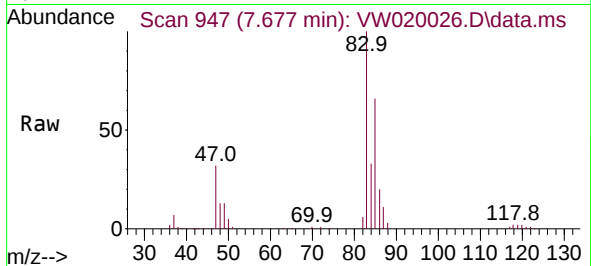




#25
Chloroform
Concen: 25.291 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

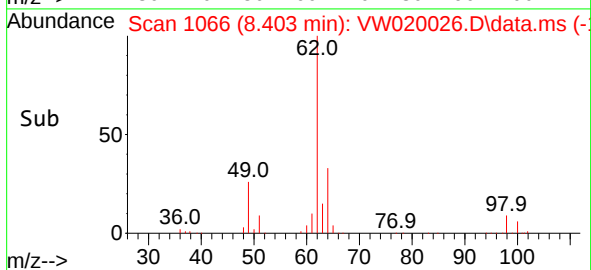
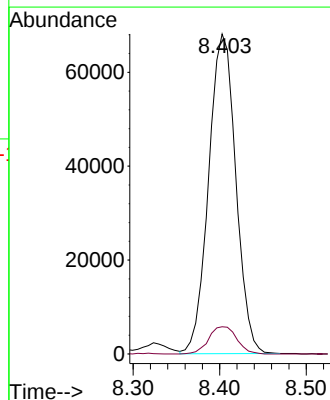
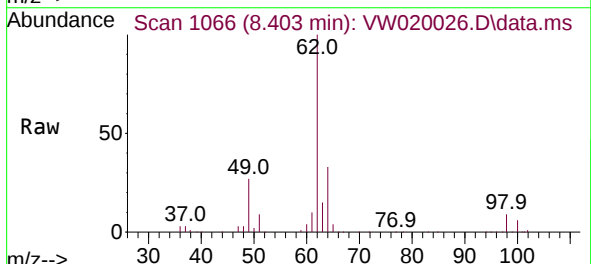
Instrument :
MSVOA_W
ClientSampled :

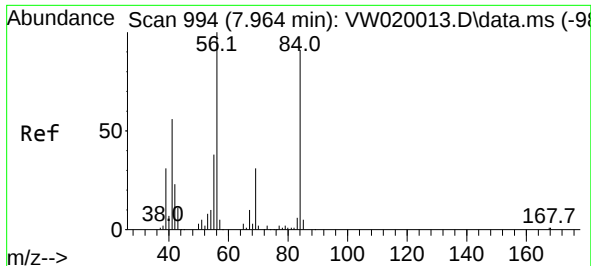
Tgt Ion: 83 Resp: 217689
Ion Ratio Lower Upper
83 100
85 66.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.645 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

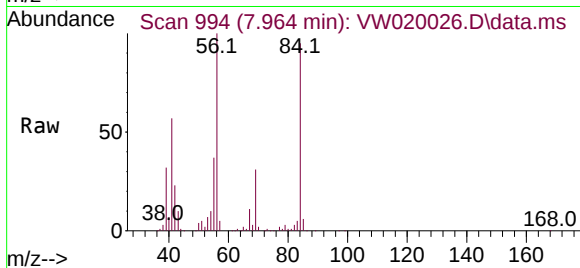
Tgt Ion: 62 Resp: 148420
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3



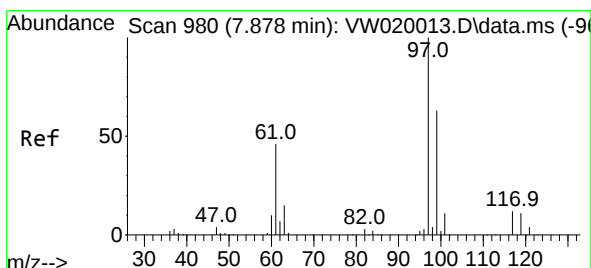
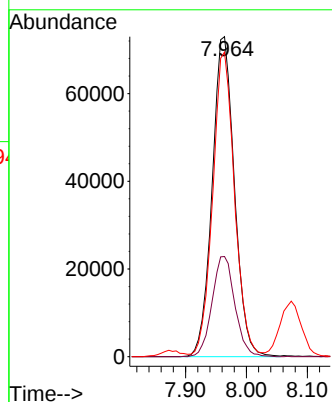
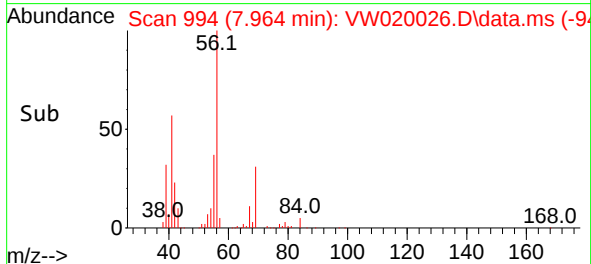


#29
Cyclohexane
Concen: 27.457 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

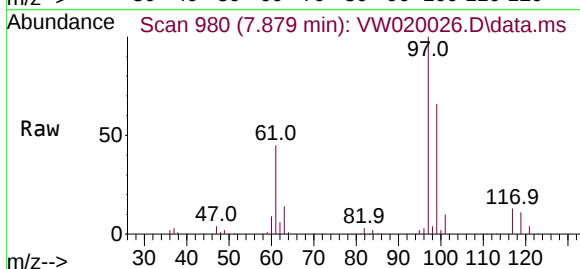
Instrument :
MSVOA_W
ClientSampled :



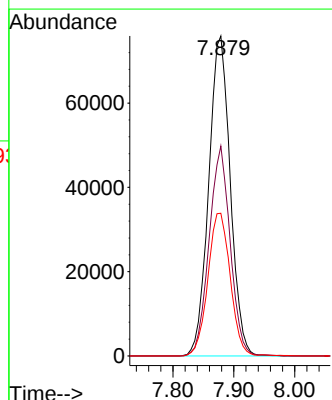
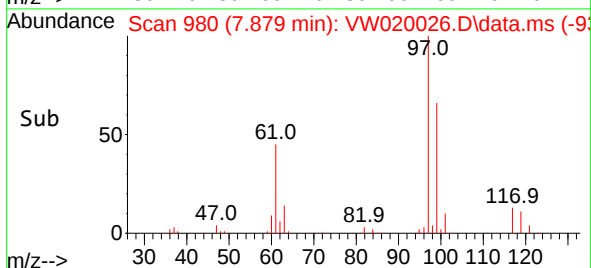
Tgt Ion: 56 Resp: 185322
Ion Ratio Lower Upper
56 100
69 32.0 24.5 36.7
84 93.8 75.0 112.4

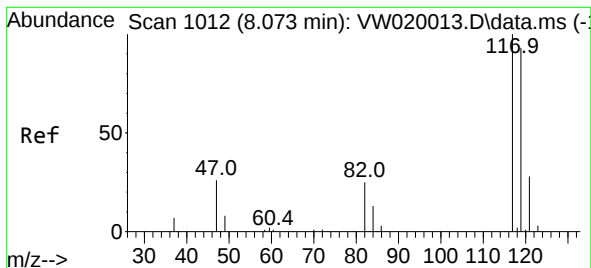


#30
1,1,1-Trichloroethane
Concen: 26.559 ug/L
RT: 7.879 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00



Tgt Ion: 97 Resp: 186614
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 46.2 37.8 56.6

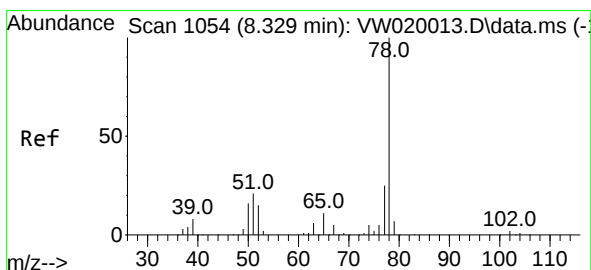
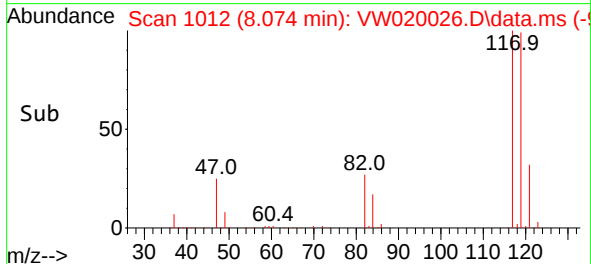
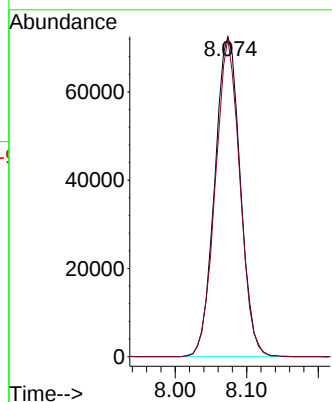
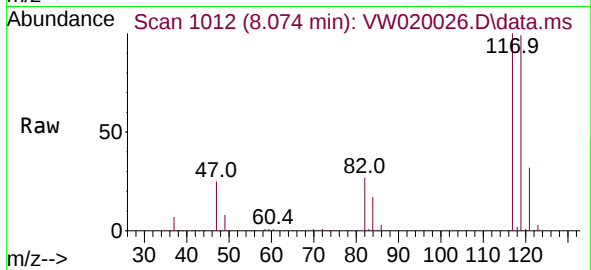




#31
Carbon tetrachloride
Concen: 27.408 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

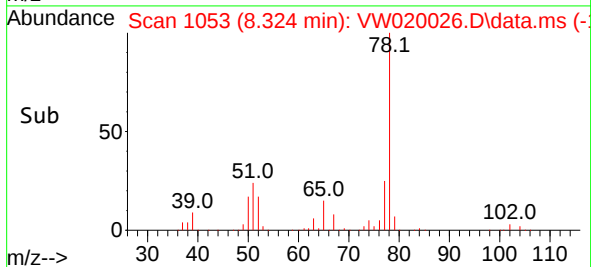
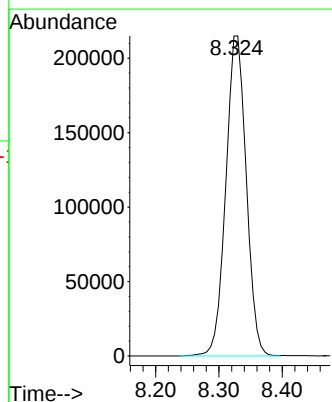
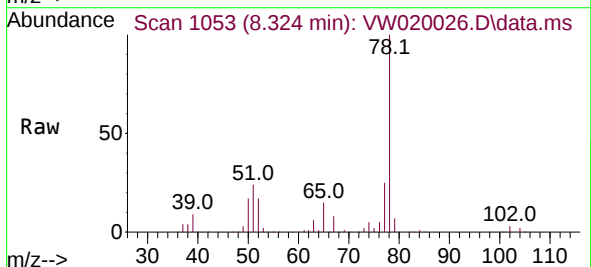
Instrument :
MSVOA_W
ClientSampled :

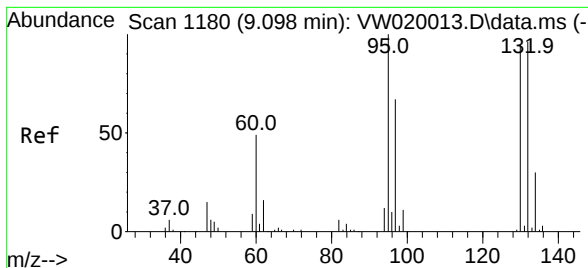
Tgt Ion:117 Resp: 179659
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7



#33
Benzene
Concen: 26.748 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion: 78 Resp: 482721





#34

Trichloroethene

Concen: 26.186 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VW020026.D

Acq: 15 Sep 2021 09:00

Tgt Ion: 95 Resp: 125126

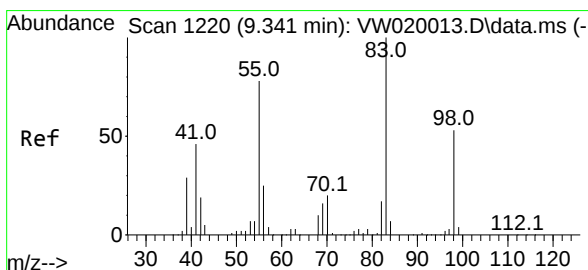
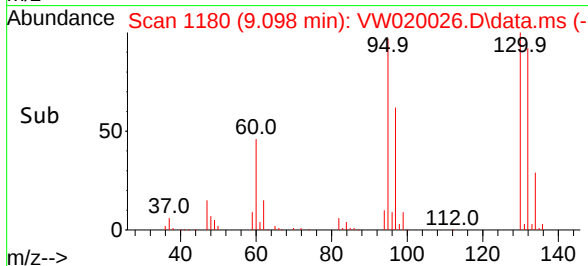
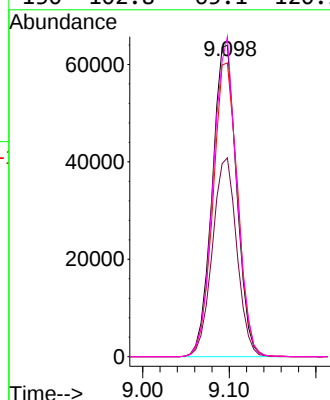
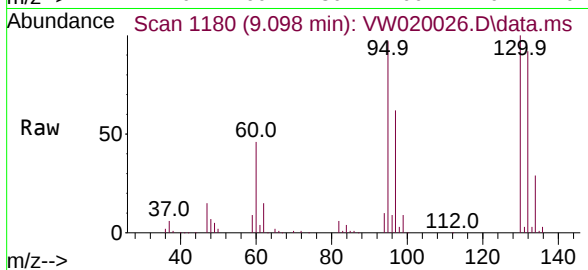
Ion Ratio Lower Upper

95 100

97 63.9 47.3 87.8

132 94.4 71.0 131.8

130 102.8 65.1 120.9



#35

Methylcyclohexane

Concen: 27.706 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. -0.006 min

Lab File: VW020026.D

Acq: 15 Sep 2021 09:00

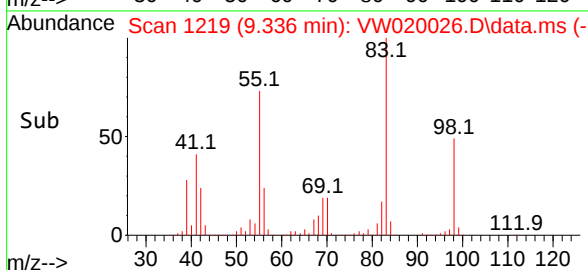
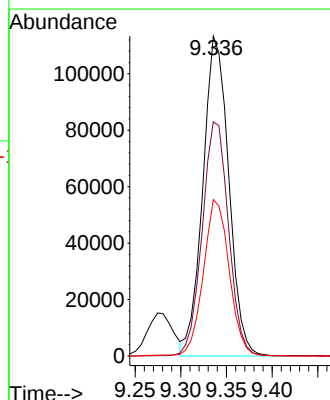
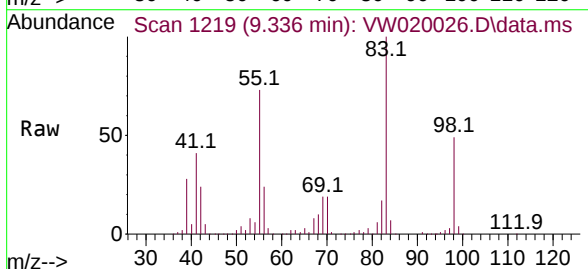
Tgt Ion: 83 Resp: 223245

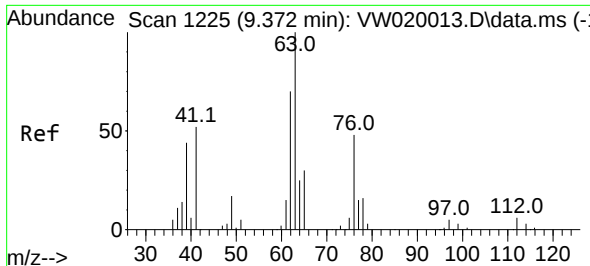
Ion Ratio Lower Upper

83 100

55 74.4 58.9 88.3

98 49.0 40.1 60.1

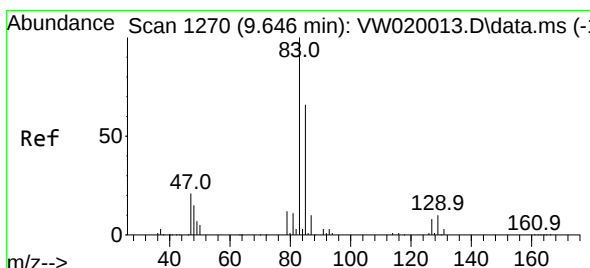
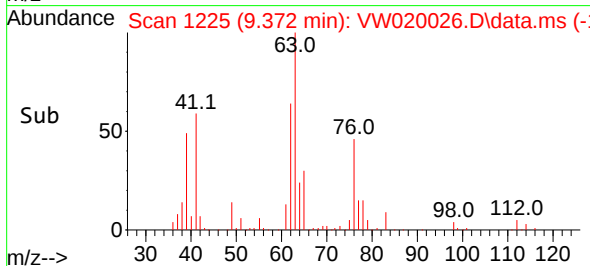
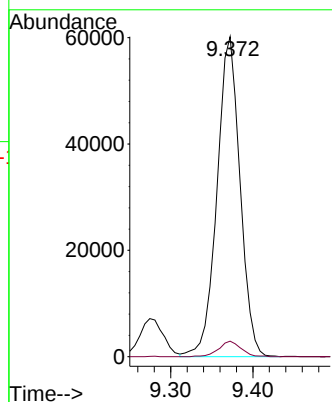
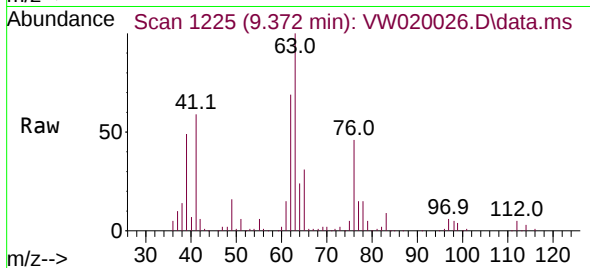




#37
1,2-Dichloropropane
Concen: 26.853 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

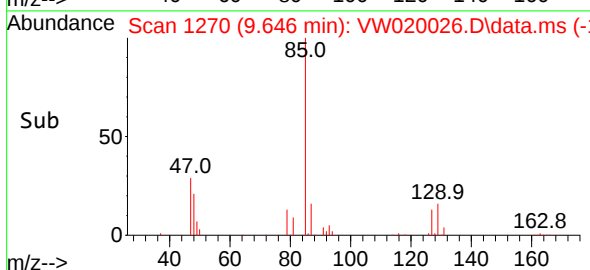
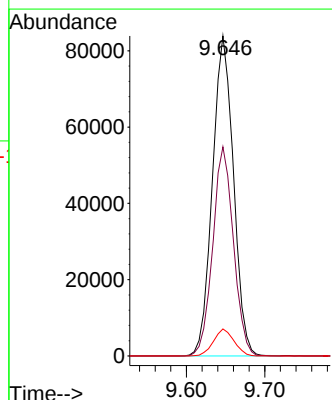
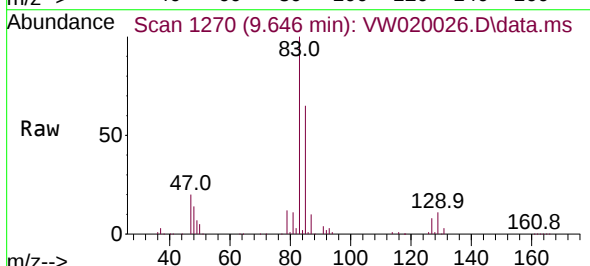
Instrument :
MSVOA_W
ClientSampled :

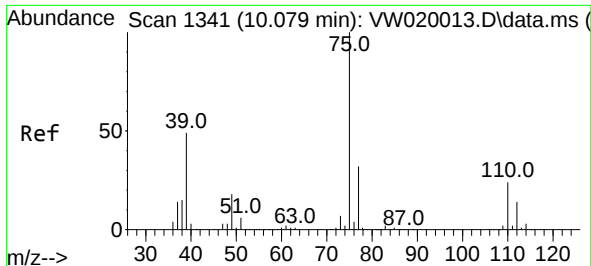
Tgt Ion: 63 Resp: 117313
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 26.592 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion: 83 Resp: 156709
Ion Ratio Lower Upper
83 100
85 65.4 42.3 78.5
127 8.5 6.6 9.8

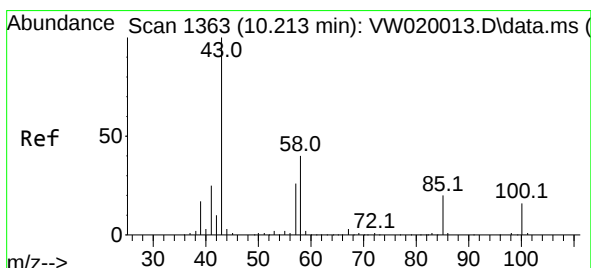
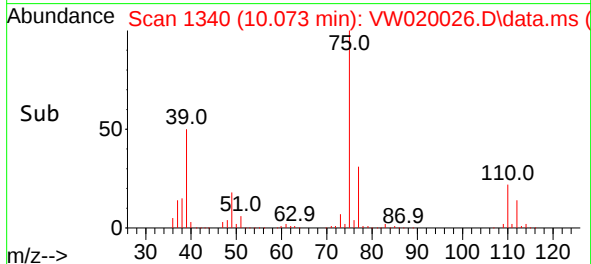
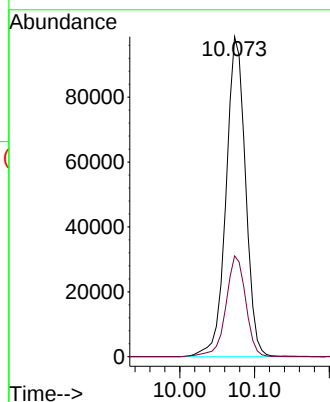
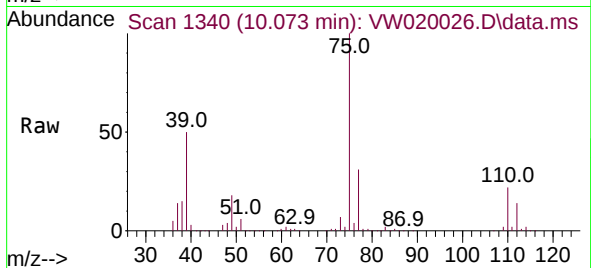




#39
 cis-1,3-Dichloropropene
 Concen: 27.099 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.006 min
 Lab File: VW020026.D
 Acq: 15 Sep 2021 09:00

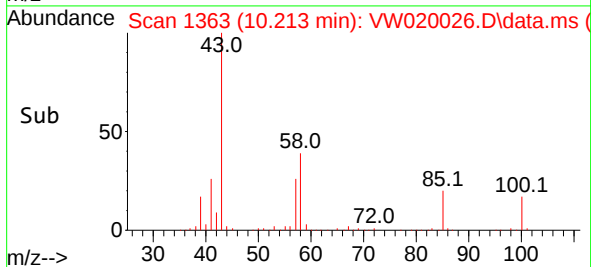
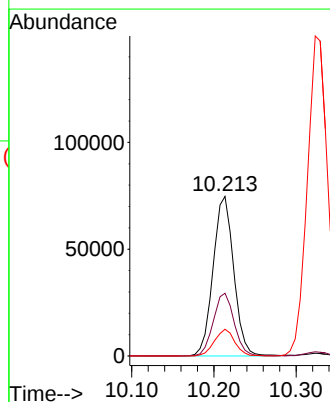
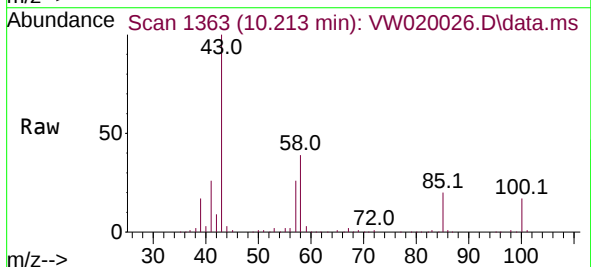
Instrument :
 MSVOA_W
 ClientSampled :

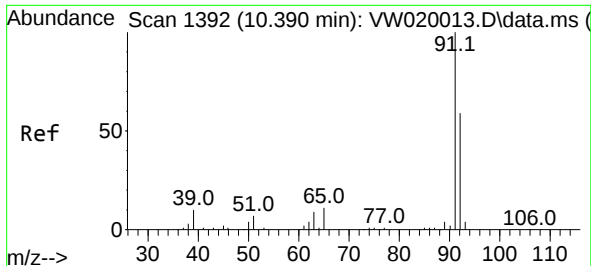
Tgt Ion: 75 Resp: 178697
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 41.812 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.000 min
 Lab File: VW020026.D
 Acq: 15 Sep 2021 09:00

Tgt Ion: 43 Resp: 130298
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.0 46.4
 100 16.4 13.0 19.6

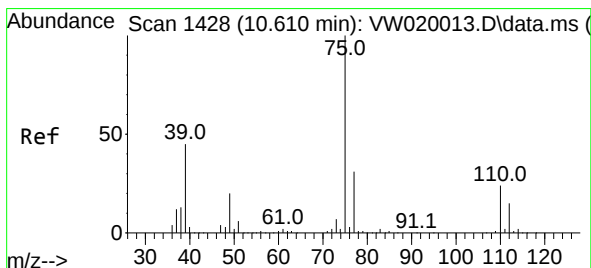
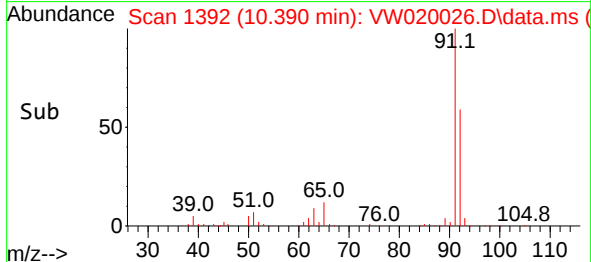
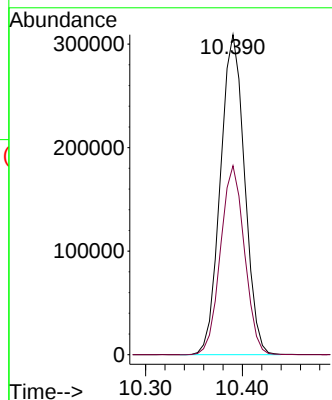
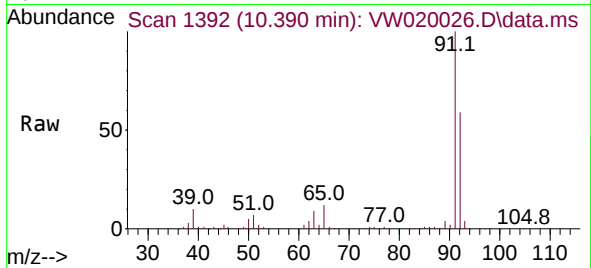




#42
Toluene
Concen: 27.862 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

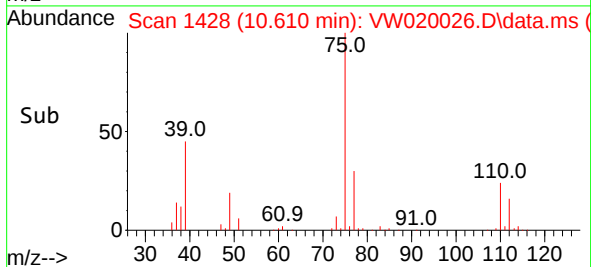
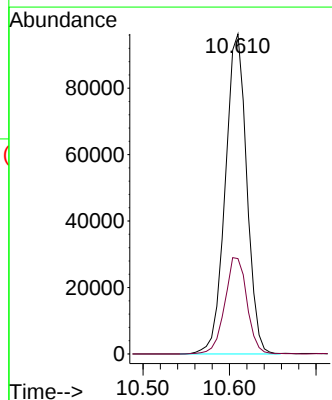
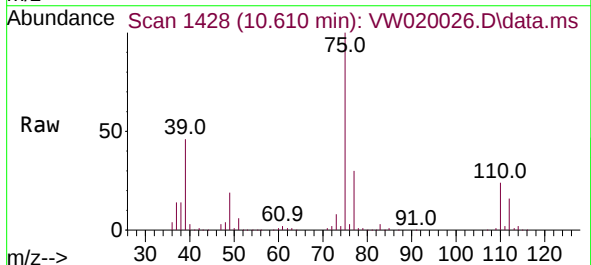
Instrument :
MSVOA_W
ClientSampled :

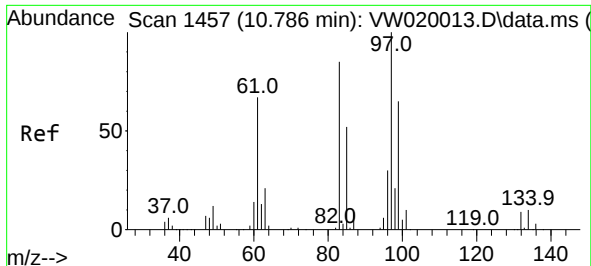
Tgt Ion: 91 Resp: 536401
Ion Ratio Lower Upper
91 100
92 59.1 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 26.550 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion: 75 Resp: 165769
Ion Ratio Lower Upper
75 100
77 29.8 21.1 39.1





#45

1,1,2-Trichloroethane

Concen: 25.385 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020026.D

Acq: 15 Sep 2021 09:00

Tgt Ion: 97 Resp: 88697

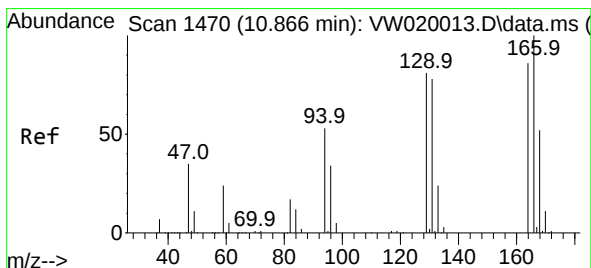
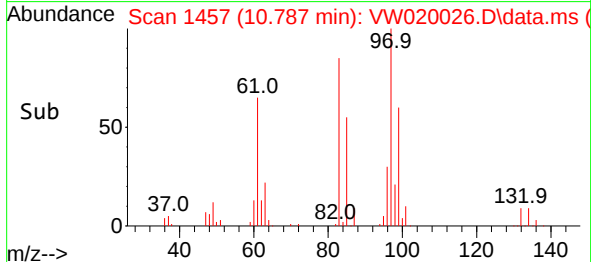
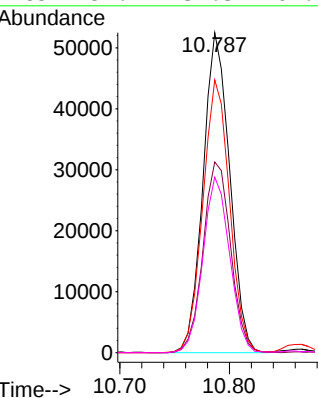
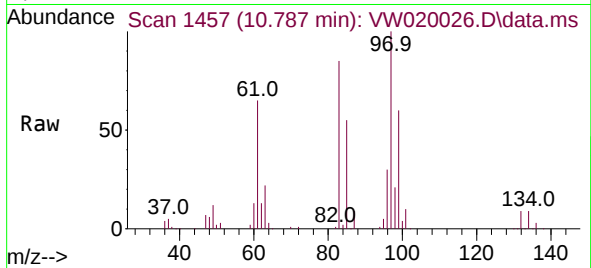
Ion Ratio Lower Upper

97 100

99 59.6 45.1 83.7

83 85.2 58.1 107.9

85 54.9 37.3 69.3



#46

Tetrachloroethene

Concen: 26.695 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW020026.D

Acq: 15 Sep 2021 09:00

Tgt Ion: 164 Resp: 98699

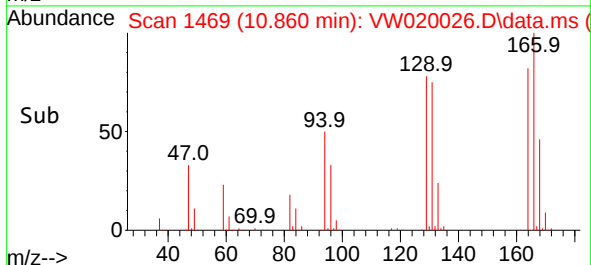
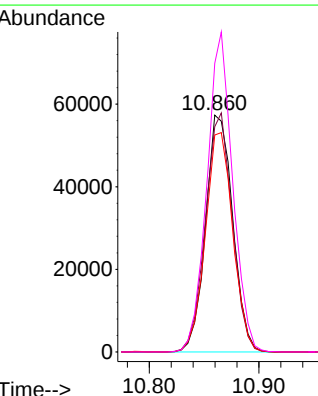
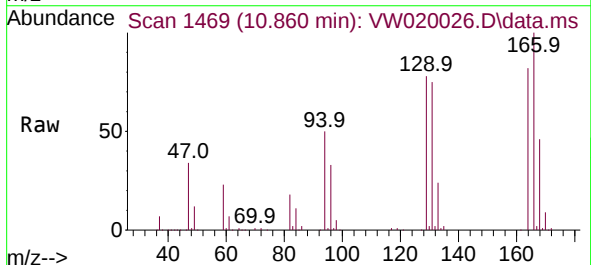
Ion Ratio Lower Upper

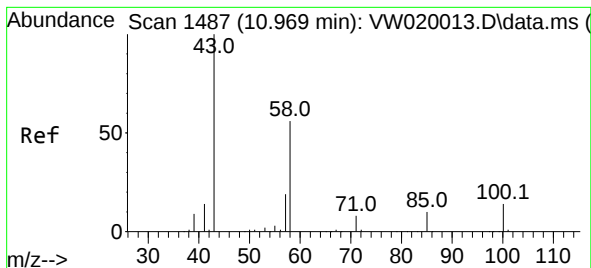
164 100

129 95.1 66.7 123.9

131 91.6 61.1 113.5

166 121.9 87.0 161.6

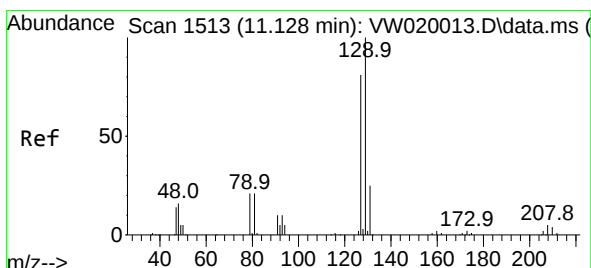
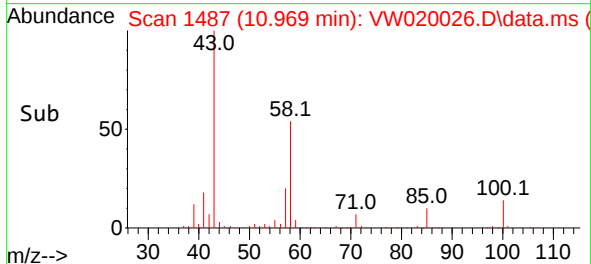
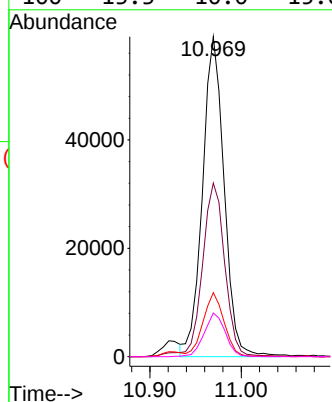
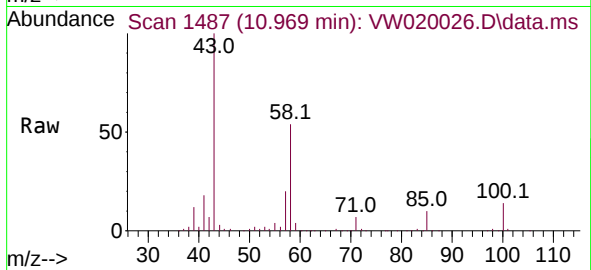




#48
2-Hexanone
Concen: 43.415 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

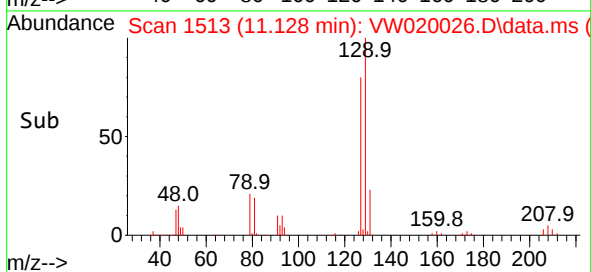
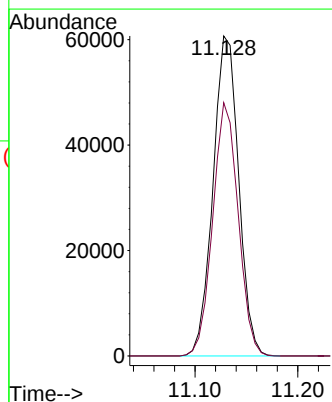
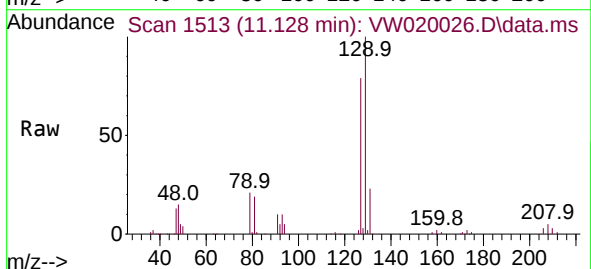
Instrument :
MSVOA_W
ClientSampled :

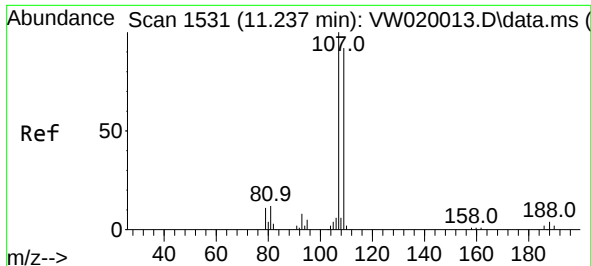
Tgt Ion:	43	Resp:	96981
Ion Ratio	Lower	Upper	
43	100		
58	54.8	42.7	64.1
57	19.0	15.8	23.8
100	13.3	10.0	15.0



#49
Dibromochloromethane
Concen: 26.191 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:	129	Resp:	105160
Ion Ratio	Lower	Upper	
129	100		
127	79.2	51.7	95.9

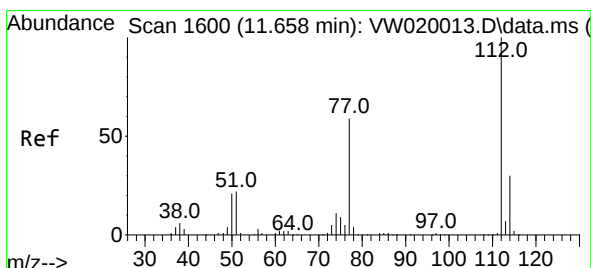
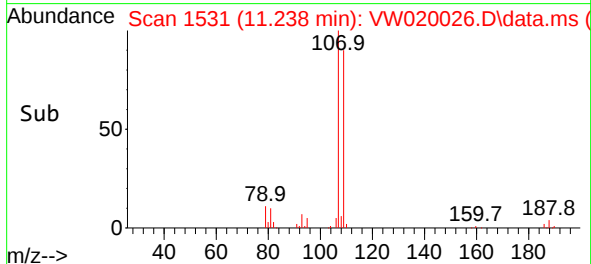
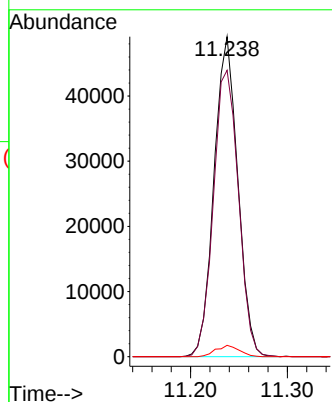
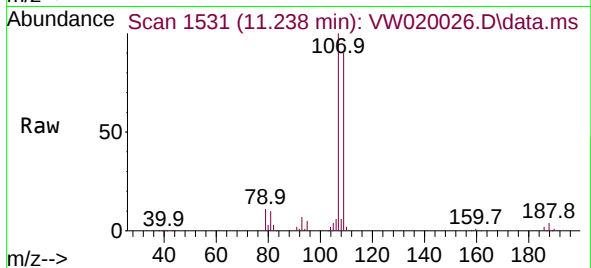




#50
1,2-Dibromoethane
Concen: 24.377 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

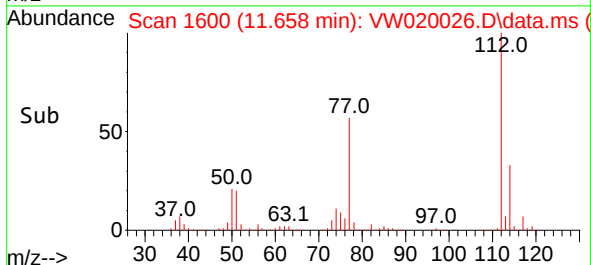
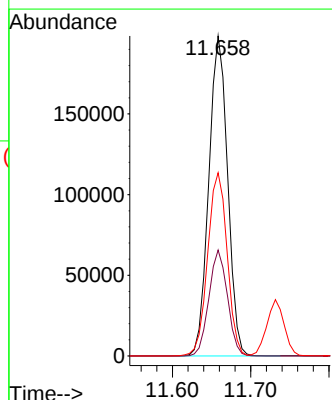
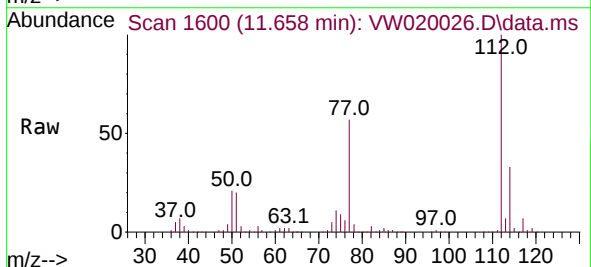
Instrument :
MSVOA_W
ClientSampleId :

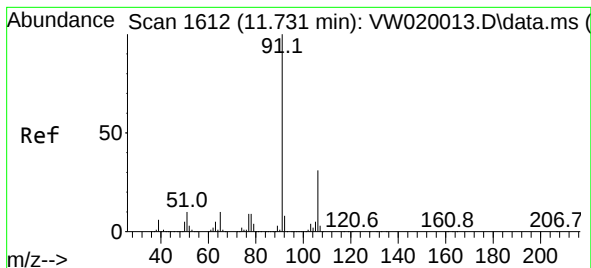
Tgt Ion:107 Resp: 83772
Ion Ratio Lower Upper
107 100
109 89.5 65.4 121.4
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 26.505 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:112 Resp: 330828
Ion Ratio Lower Upper
112 100
114 33.1 23.4 43.6
77 57.2 47.6 71.4

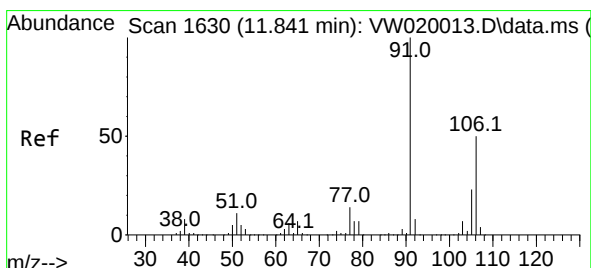
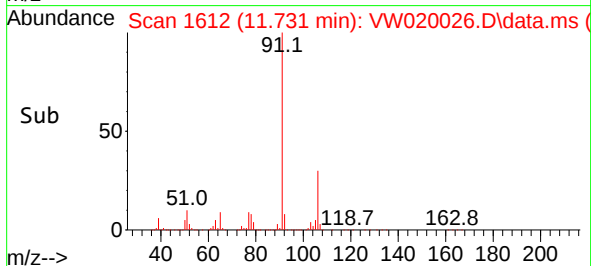
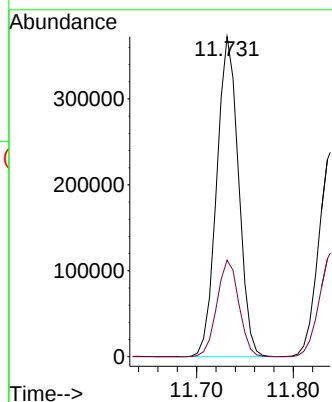
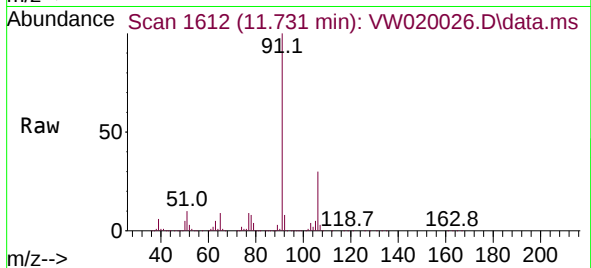




#52
Ethylbenzene
Concen: 27.710 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

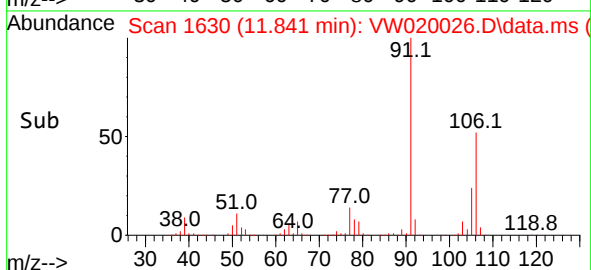
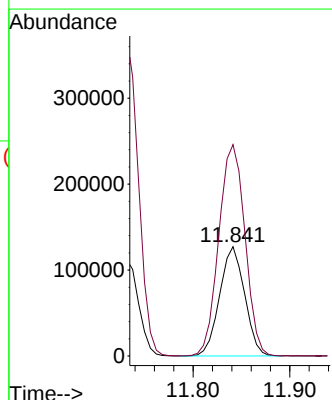
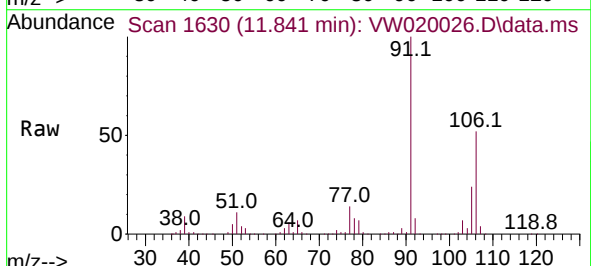
Instrument :
MSVOA_W
ClientSampled :

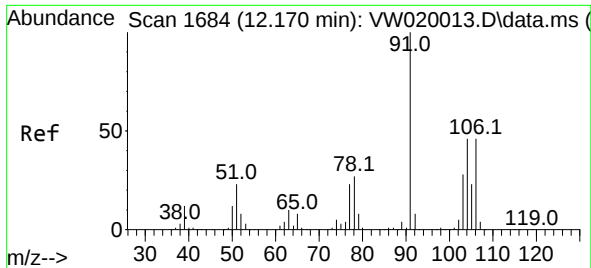
Tgt Ion: 91 Resp: 582666
Ion Ratio Lower Upper
91 100
106 30.2 22.5 41.7



#53
m,p-Xylene
Concen: 28.483 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:106 Resp: 227864
Ion Ratio Lower Upper
106 100
91 193.3 141.3 262.3

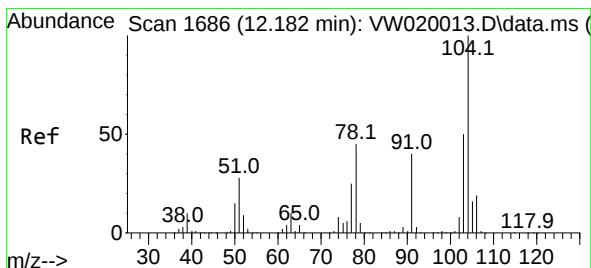
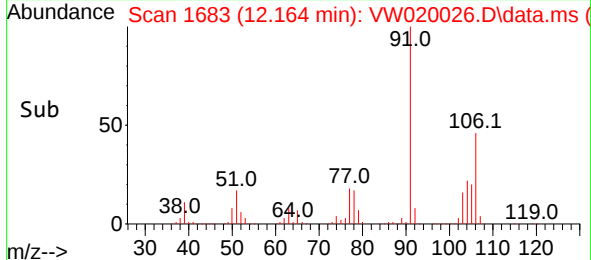
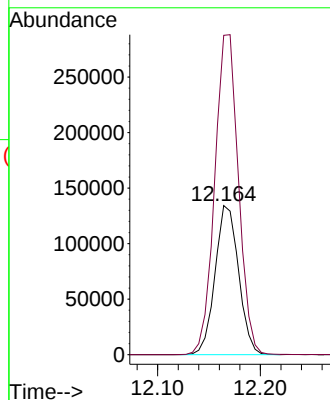
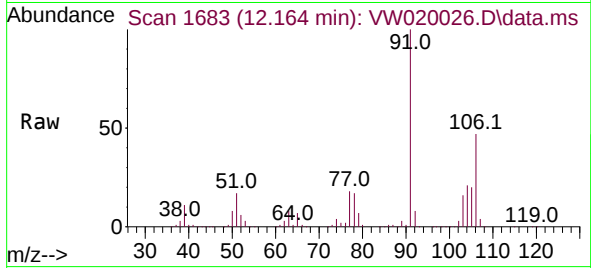




#54
o-Xylene
Concen: 28.211 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

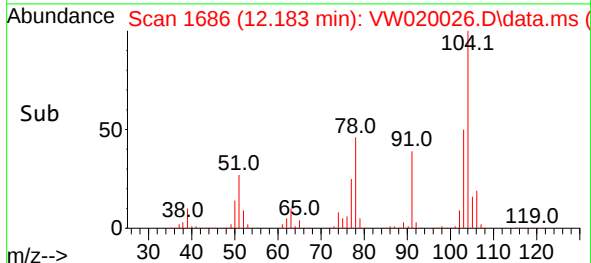
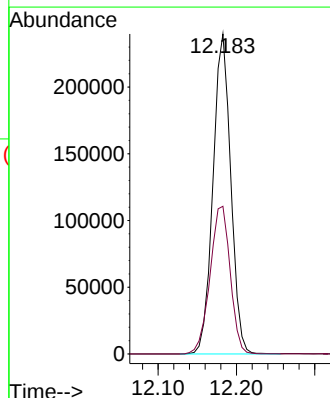
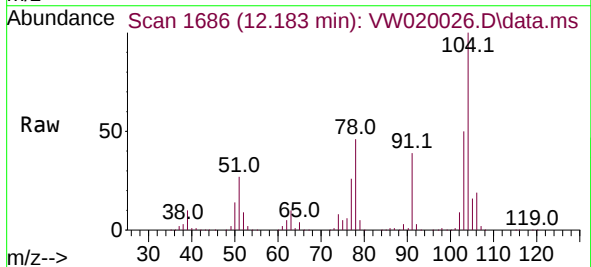
Instrument :
MSVOA_W
ClientSampled :

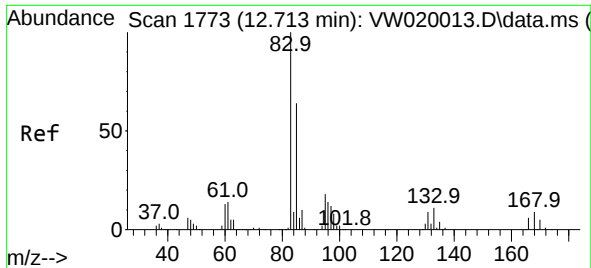
Tgt Ion:106 Resp: 212984
Ion Ratio Lower Upper
106 100
91 214.2 150.0 278.6



#55
Styrene
Concen: 29.128 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:104 Resp: 378111
Ion Ratio Lower Upper
104 100
78 46.2 32.5 60.3

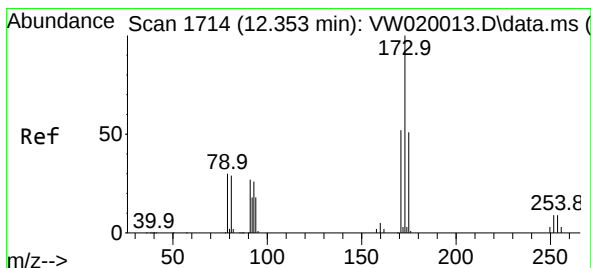
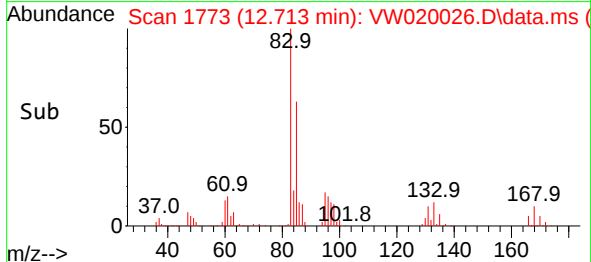
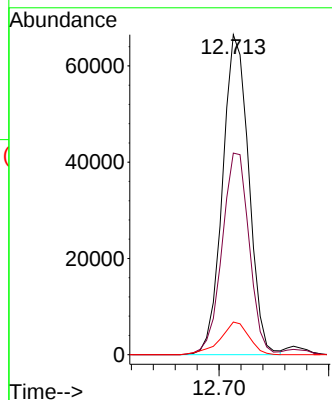
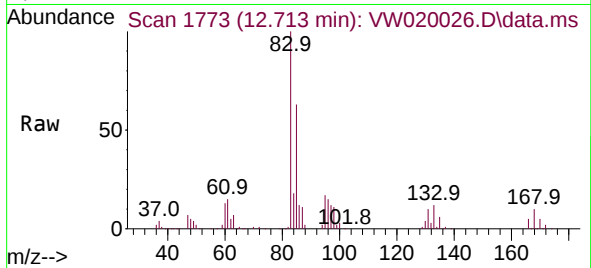




#57
1,1,2,2-Tetrachloroethane
Concen: 24.079 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

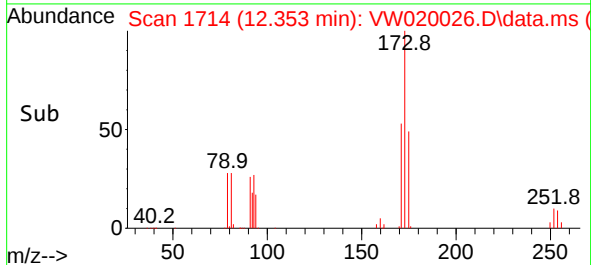
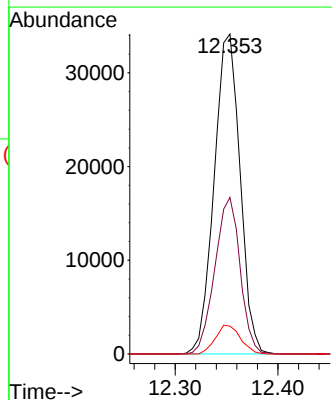
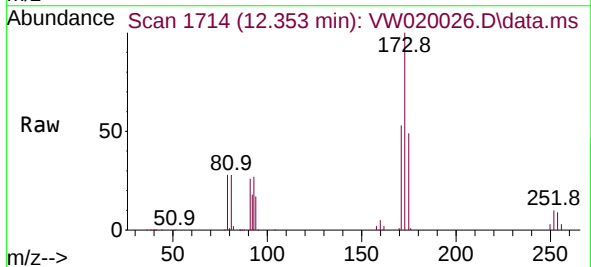
Instrument :
MSVOA_W
ClientSampleId :

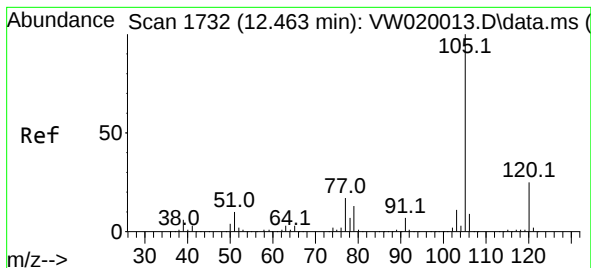
Tgt Ion: 83 Resp: 110262
Ion Ratio Lower Upper
83 100
85 63.0 44.4 82.4
131 10.2 8.2 12.4



#59
Bromoform
Concen: 24.007 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:173 Resp: 59715
Ion Ratio Lower Upper
173 100
175 47.7 37.5 56.3
254 8.7 7.0 10.4

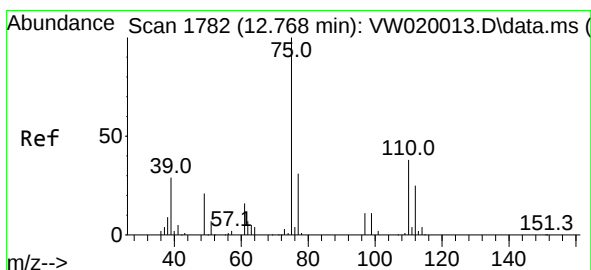
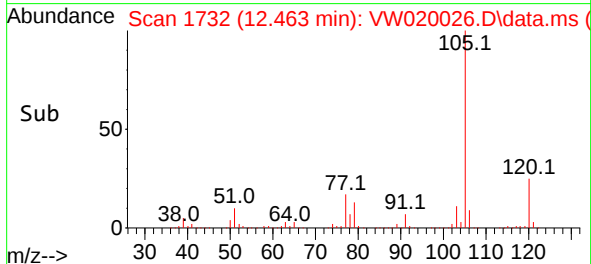
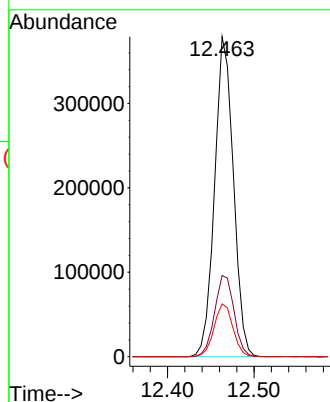
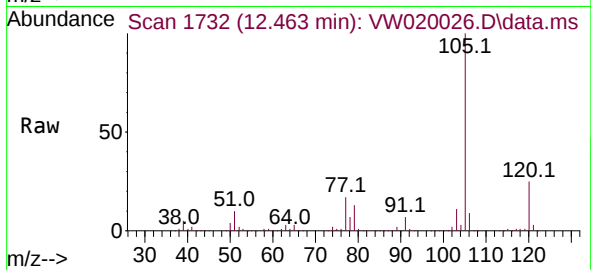




#60
Isopropylbenzene
Concen: 26.187 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

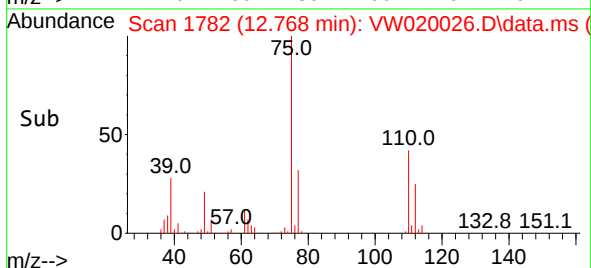
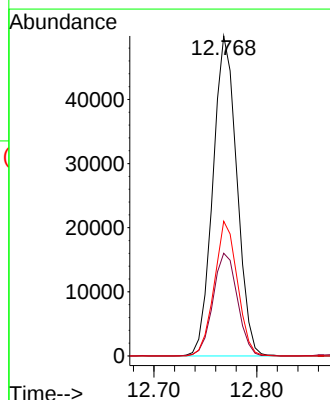
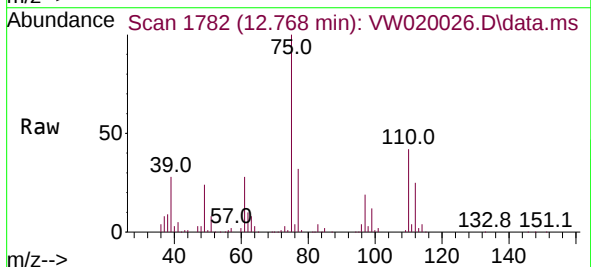
Instrument :
MSVOA_W
ClientSampled :

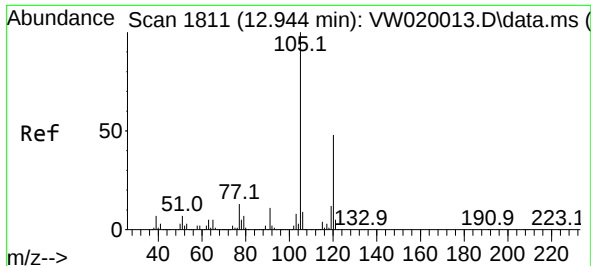
Tgt Ion:105 Resp: 570865
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 21.020 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion: 75 Resp: 80786
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
110 40.6 32.6 48.8

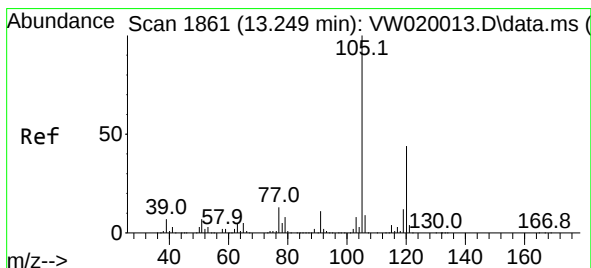
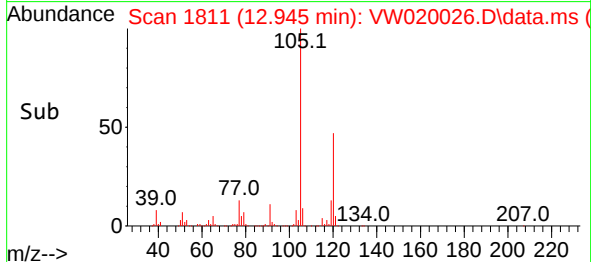
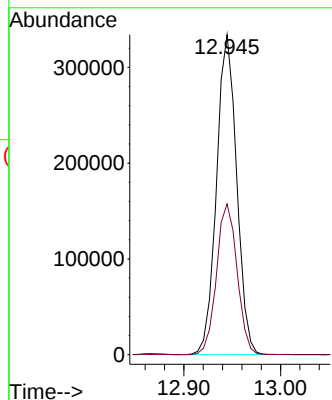
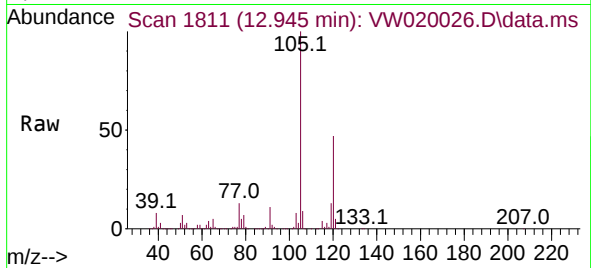




#62
1,3,5-Trimethylbenzene
Concen: 27.169 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

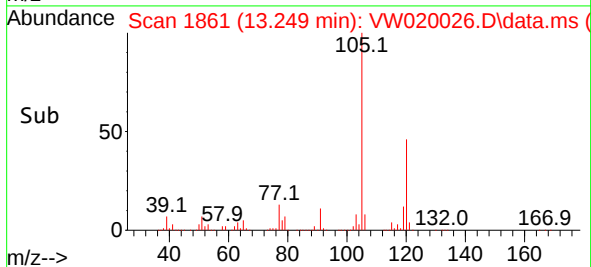
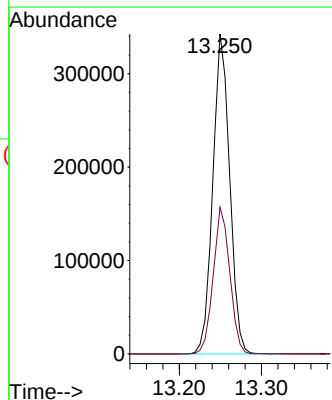
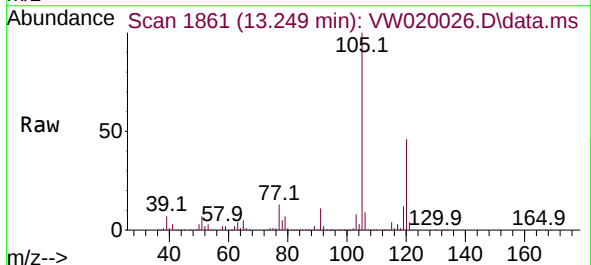
Instrument :
MSVOA_W
ClientSampled :

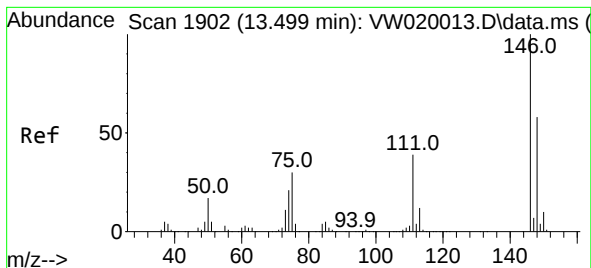
Tgt Ion:105 Resp: 481830
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 28.014 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:105 Resp: 487824
Ion Ratio Lower Upper
105 100
120 45.1 35.6 53.4

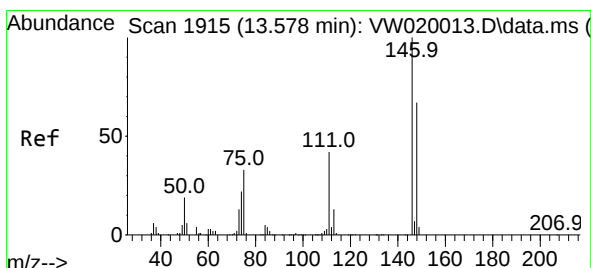
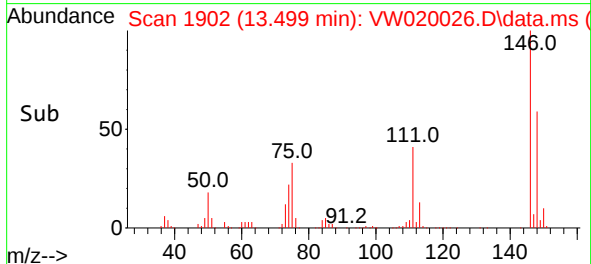
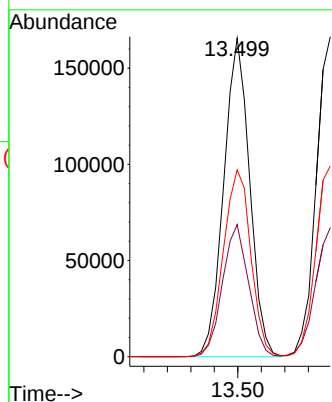
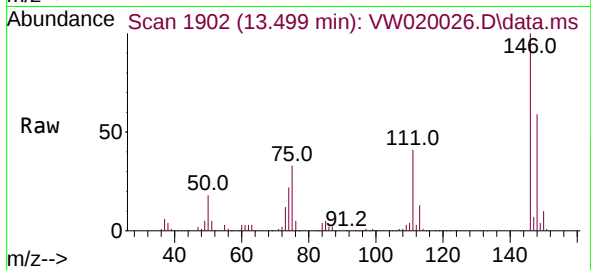




#64
1,3-Dichlorobenzene
Concen: 25.293 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

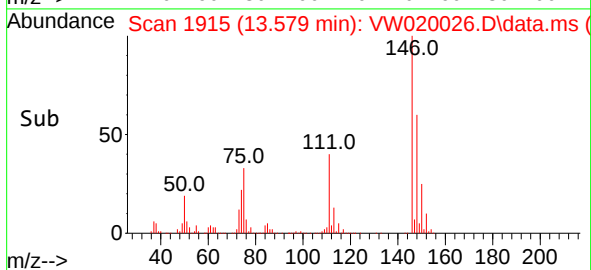
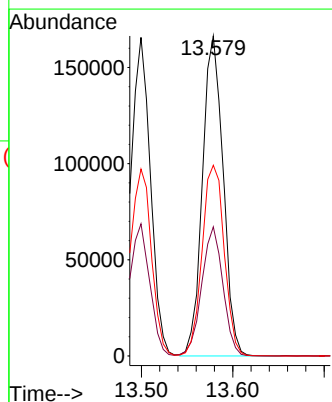
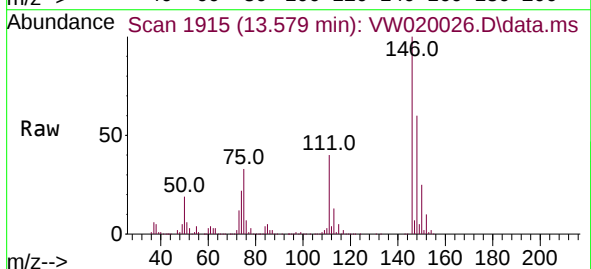
Instrument :
MSVOA_W
ClientSampleId :

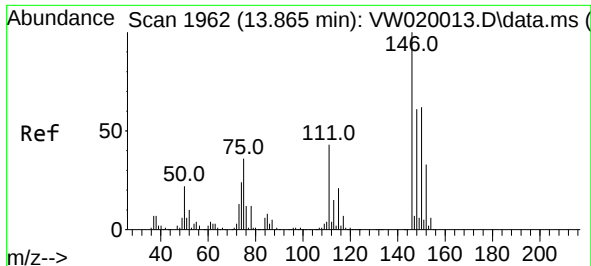
Tgt Ion:146 Resp: 253547
Ion Ratio Lower Upper
146 100
111 41.5 26.7 49.7
148 58.7 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.605 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:146 Resp: 261592
Ion Ratio Lower Upper
146 100
111 40.4 28.8 53.4
148 59.6 46.8 87.0

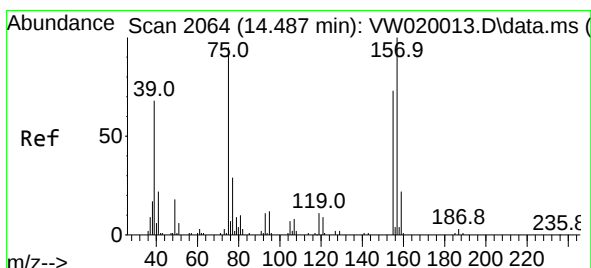
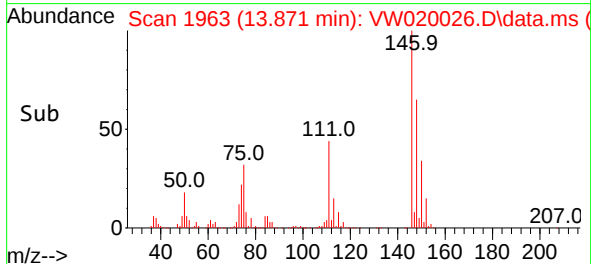
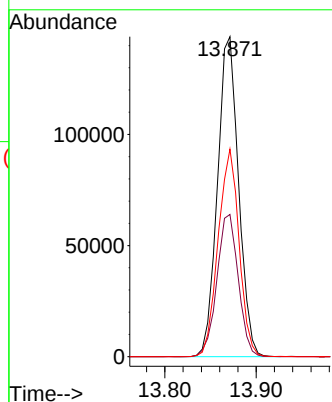
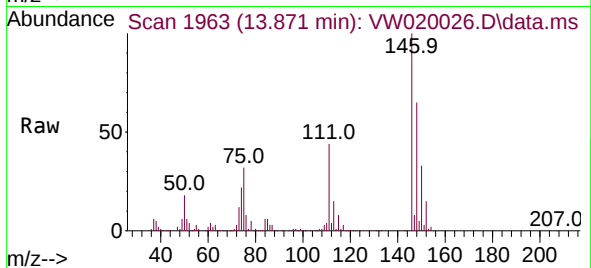




#67
1,2-Dichlorobenzene
Concen: 25.353 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

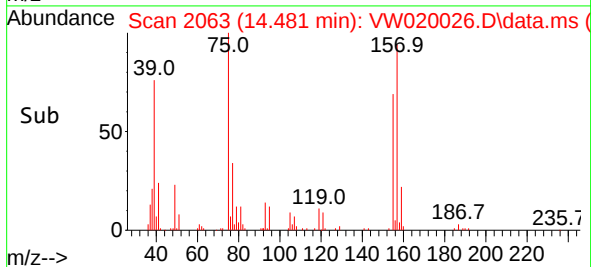
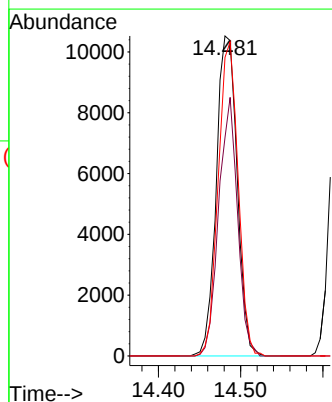
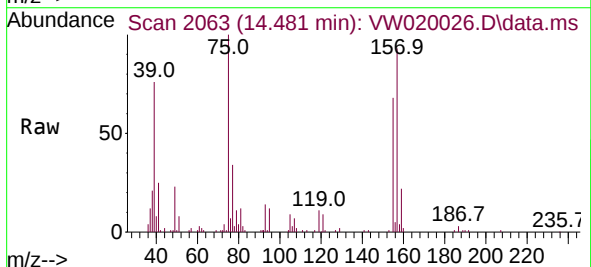
Instrument :
MSVOA_W
ClientSampled :

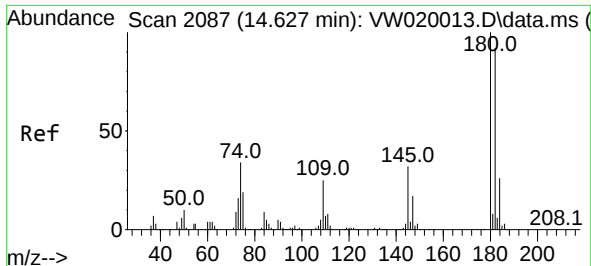
Tgt Ion:146 Resp: 231607
Ion Ratio Lower Upper
146 100
111 44.4 33.2 49.8
148 64.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 20.001 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion: 75 Resp: 18545
Ion Ratio Lower Upper
75 100
155 68.2 59.4 89.0
157 93.3 72.2 108.2





#69

1,3,5-Trichlorobenzene

Concen: 24.959 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

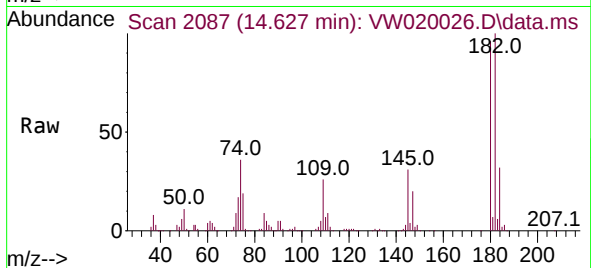
Lab File: VW020026.D

Acq: 15 Sep 2021 09:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 173050

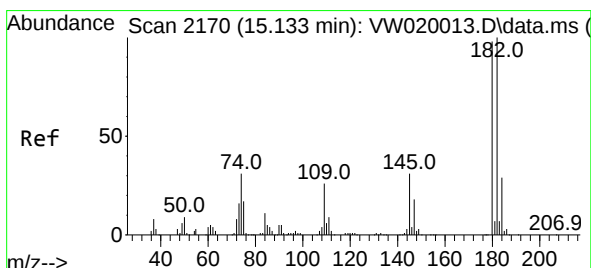
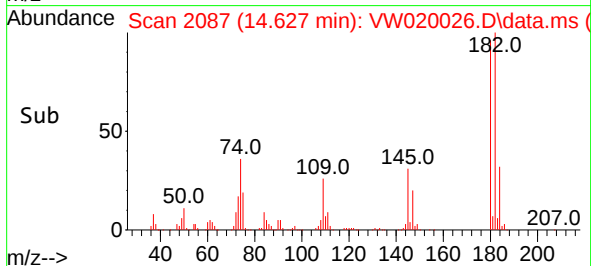
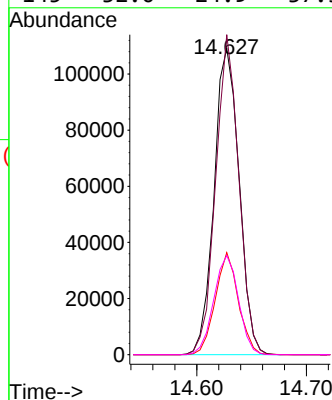
Ion Ratio Lower Upper

180 100

182 96.6 73.4 110.2

184 30.9 23.6 35.4

145 32.0 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 26.276 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW020026.D

Acq: 15 Sep 2021 09:00

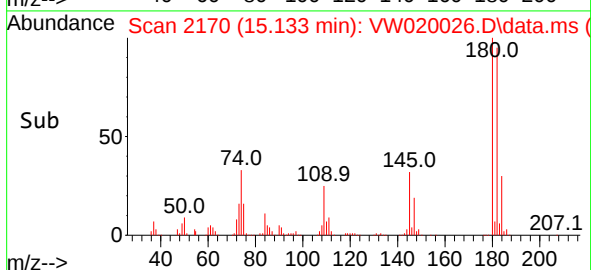
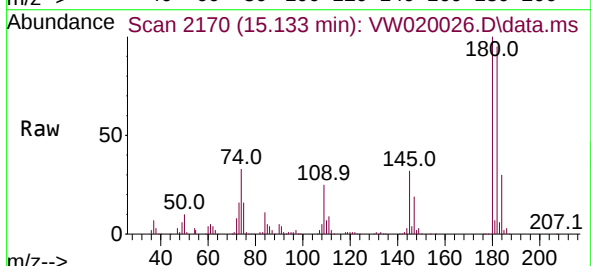
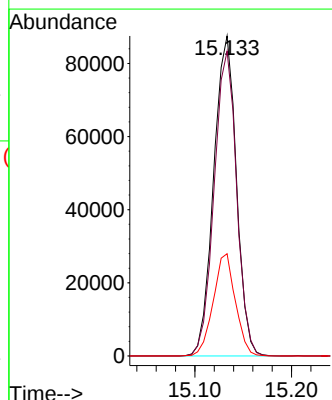
Tgt Ion:180 Resp: 142662

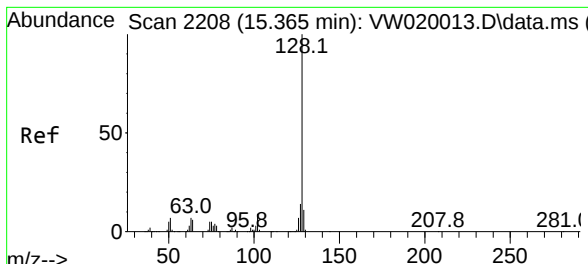
Ion Ratio Lower Upper

180 100

182 94.2 74.7 112.1

145 31.2 25.0 37.4

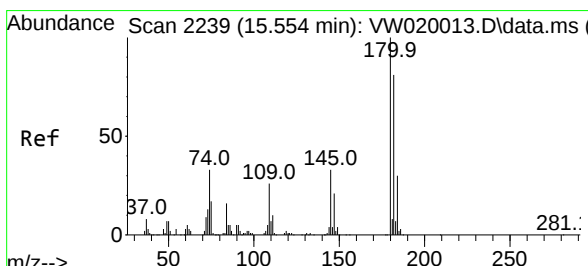
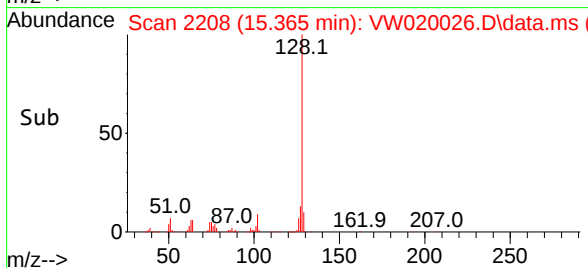
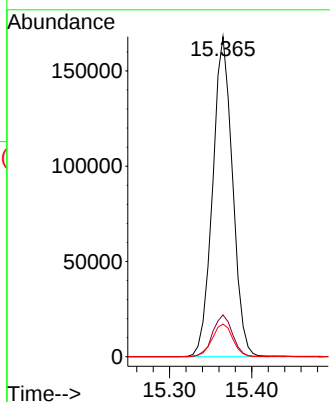
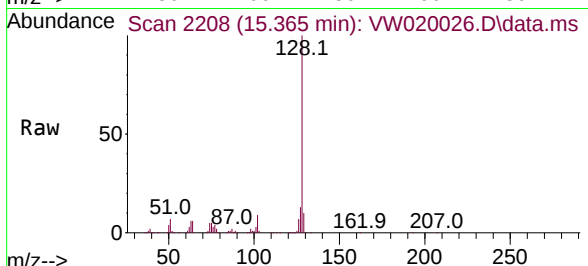




#71
Naphthalene
Concen: 24.385 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	128	Resp:	282925
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.6	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.685 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020026.D
Acq: 15 Sep 2021 09:00

Tgt Ion:	180	Resp:	130897
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.7	115.1
145	33.9	28.9	43.3

