

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021418.D
 Acq On : 16 Dec 2021 18:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 01:01:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105601	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	101832	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62338	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	44674	23.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
7) Chloroethane-d5	2.873	69	30061	23.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
11) 1,1-Dichloroethene-d2	4.019	63	58197	22.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.800%
21) 2-Butanone-d5	7.080	46	18461	68.095	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.200%#
24) Chloroform-d	7.647	84	75738	25.736	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.305	65	42065	26.872	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.480%
32) Benzene-d6	8.269	84	138555	24.823	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.280%
36) 1,2-Dichloropropane-d6	9.274	67	39291	26.247	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.000%
41) Toluene-d8	10.323	98	141048	24.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	10.579	79	18480	26.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.240%
47) 2-Hexanone-d5	10.921	63	16133	72.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.760%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	41317	32.107	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.440%#
66) 1,2-Dichlorobenzene-d4	13.853	152	57822	23.933	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	11879	29.114	ug/L	98
3) Chloromethane	2.209	50	33138	24.532	ug/L	99
5) Vinyl chloride	2.355	62	51242	24.164	ug/L	96
6) Bromomethane	2.770	94	32298	23.482	ug/L	96
8) Chloroethane	2.916	64	23533	24.089	ug/L	97
9) Trichlorofluoromethane	3.251	101	25605	22.884	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	36232	24.847	ug/L	91
12) 1,1-Dichloroethene	4.032	96	32355	24.718	ug/L	83
13) Acetone	4.129	43	12383	50.951	ug/L	94
14) Carbon disulfide	4.379	76	79681	23.572	ug/L	100
15) Methyl Acetate	4.678	43	12945	30.870	ug/L	# 85
16) Methylene chloride	4.909	84	34980	20.047	ug/L	82
17) trans-1,2-Dichloroethene	5.422	96	36078	25.456	ug/L	79
18) Methyl tert-butyl Ether	5.422	73	53817	27.494	ug/L	93
19) 1,1-Dichloroethane	6.220	63	57232	25.734	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	38675	25.871	ug/L	76
22) 2-Butanone	7.165	43	18538	58.407	ug/L	87
23) Bromochloromethane	7.513	128	18974	27.145	ug/L	# 61
25) Chloroform	7.677	83	66930	25.924	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021418.D
 Acq On : 16 Dec 2021 18:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 01:01:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

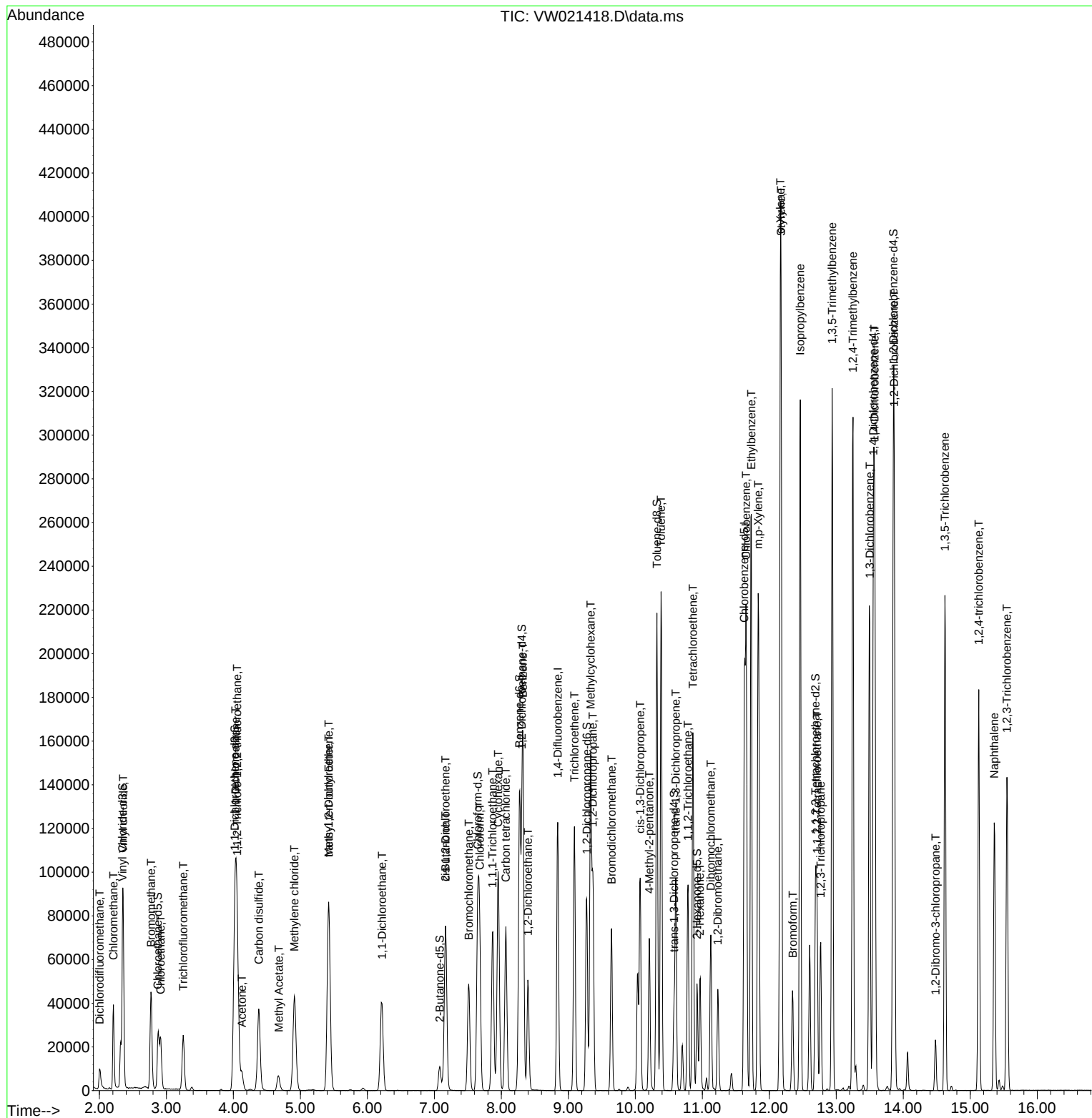
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	45310	27.714	ug/L	98
29) Cyclohexane	7.952	56	49326	24.336	ug/L #	81
30) 1,1,1-Trichloroethane	7.866	97	58159	25.455	ug/L	95
31) Carbon tetrachloride	8.067	117	54155	25.694	ug/L	98
33) Benzene	8.323	78	139640	25.172	ug/L	100
34) Trichloroethene	9.092	95	39481	25.354	ug/L	85
35) Methylcyclohexane	9.335	83	62207	24.217	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	32318	26.118	ug/L #	95
38) Bromodichloromethane	9.646	83	48561	28.544	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	53100	27.224	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	41770	61.954	ug/L #	91
42) Toluene	10.384	91	162033	24.975	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	48390	28.324	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	29197	28.829	ug/L	96
46) Tetrachloroethene	10.860	164	38496	26.023	ug/L	91
48) 2-Hexanone	10.963	43	31717	64.870	ug/L #	93
49) Dibromochloromethane	11.128	129	36393	29.149	ug/L	96
50) 1,2-Dibromoethane	11.231	107	29262	29.033	ug/L	99
51) Chlorobenzene	11.652	112	110002	25.325	ug/L	93
52) Ethylbenzene	11.731	91	185751	25.054	ug/L	99
53) m,p-Xylene	11.835	106	73758	24.661	ug/L	92
54) o-Xylene	12.164	106	72309	25.475	ug/L	96
55) Styrene	12.176	104	125092	25.895	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	36136	31.126	ug/L #	92
59) Bromoform	12.353	173	20645	27.834	ug/L	98
60) Isopropylbenzene	12.463	105	200341	23.652	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	26622	29.343	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	167976	23.304	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	166424	23.406	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	98664	24.695	ug/L	85
65) 1,4-Dichlorobenzene	13.573	146	98229	24.746	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	87143	24.774	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	5472	29.241	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.621	180	70266	23.530	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	57186	23.809	ug/L	95
71) Naphthalene	15.359	128	107039	27.430	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	51454	25.921	ug/L	94

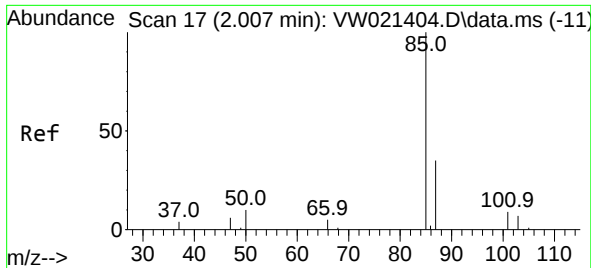
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021418.D
 Acq On : 16 Dec 2021 18:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 01:01:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

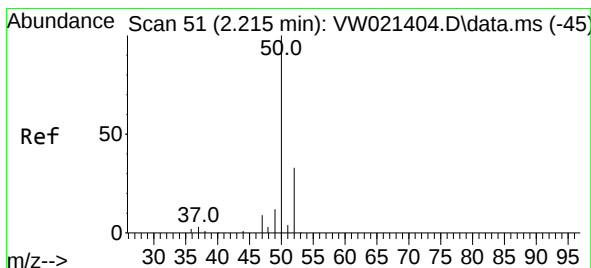
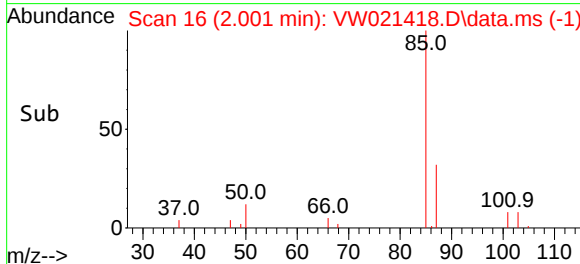
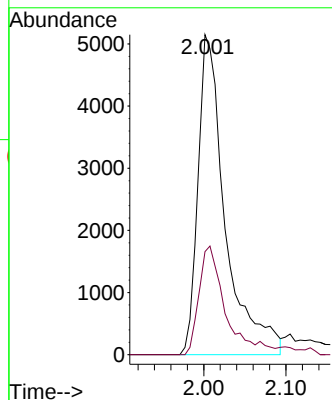
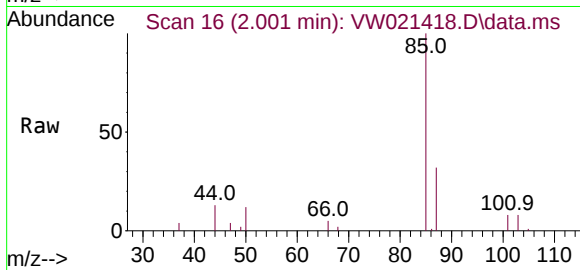




#2
 Dichlorodifluoromethane
 Concen: 29.114 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

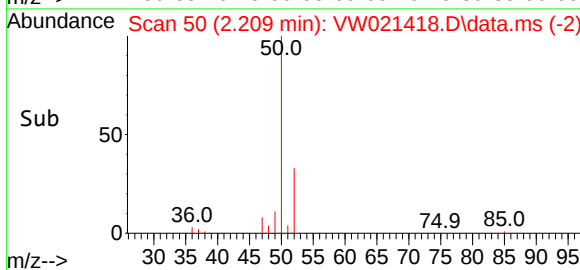
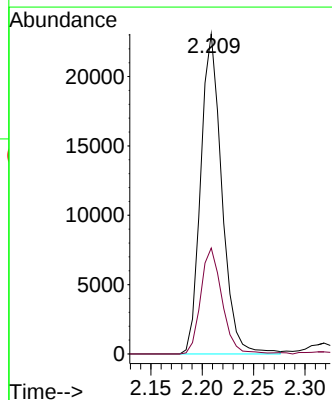
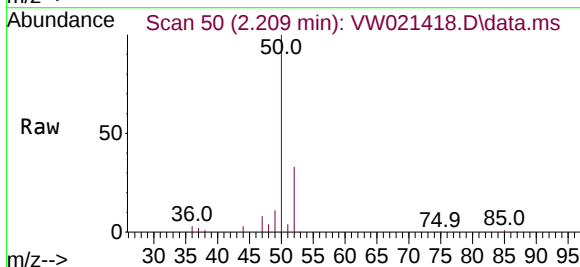
Instrument :
 MSVOA_W
 ClientSampleId :

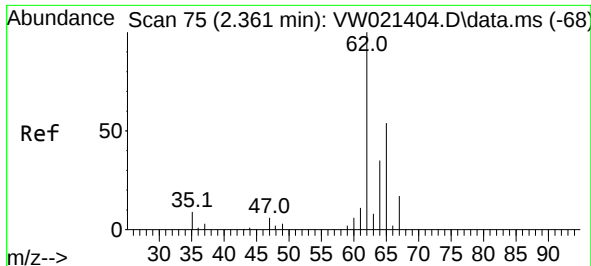
Tgt Ion: 85 Resp: 11879
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.8 38.6



#3
 Chloromethane
 Concen: 24.532 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

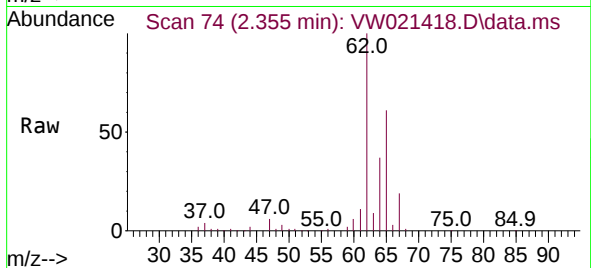
Tgt Ion: 50 Resp: 33138
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6



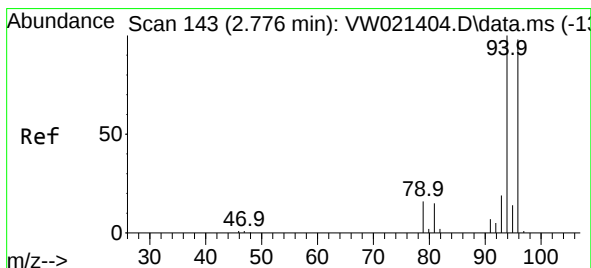
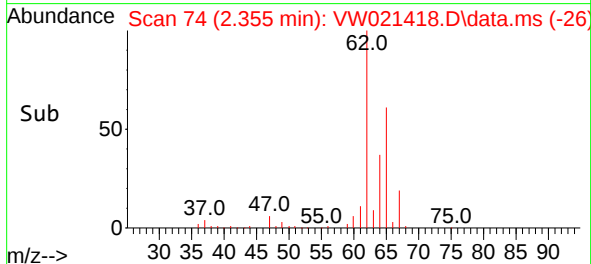
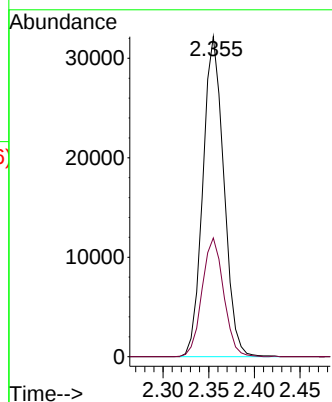


#5
 Vinyl chloride
 Concen: 24.164 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

Instrument :
 MSVOA_W
 ClientSampleId :

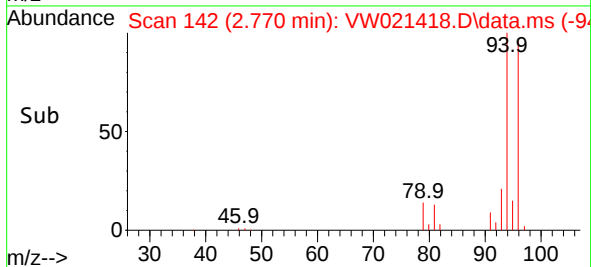
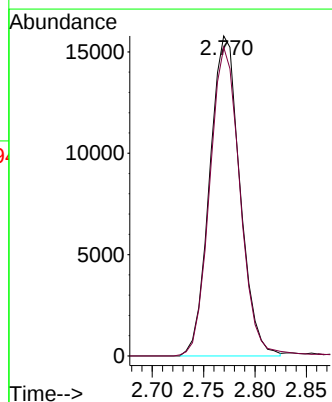
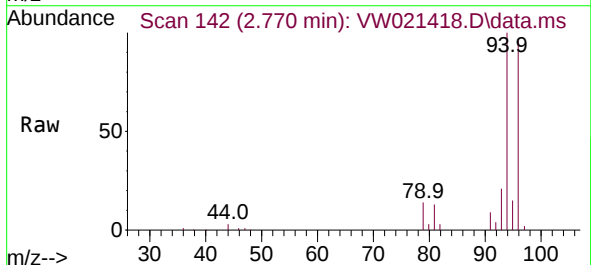


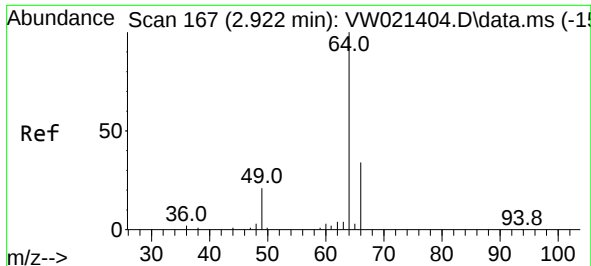
Tgt Ion: 62 Resp: 51242
 Ion Ratio Lower Upper
 62 100
 64 37.1 24.4 45.2



#6
 Bromomethane
 Concen: 23.482 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

Tgt Ion: 94 Resp: 32298
 Ion Ratio Lower Upper
 94 100
 96 96.5 64.8 120.4

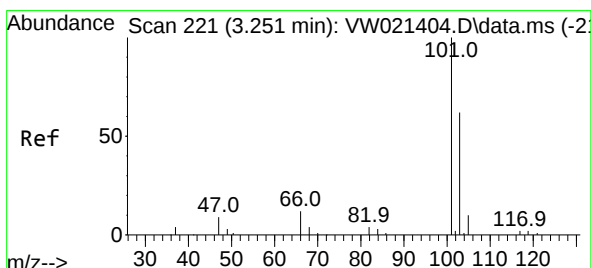
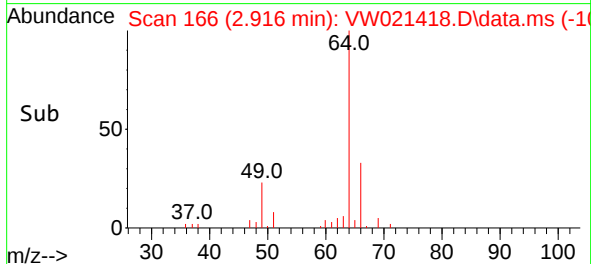
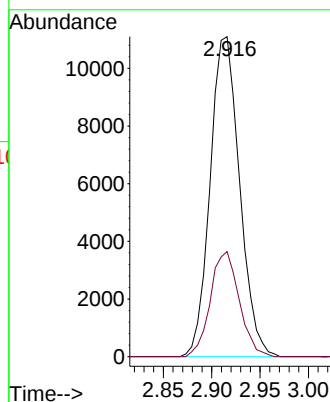
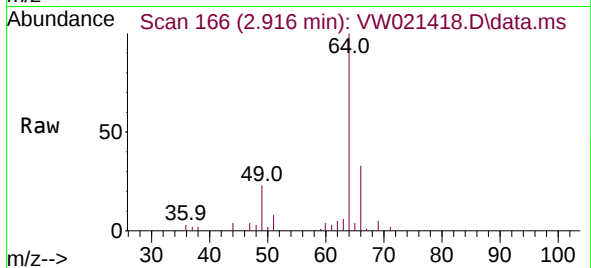




#8
Chloroethane
Concen: 24.089 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

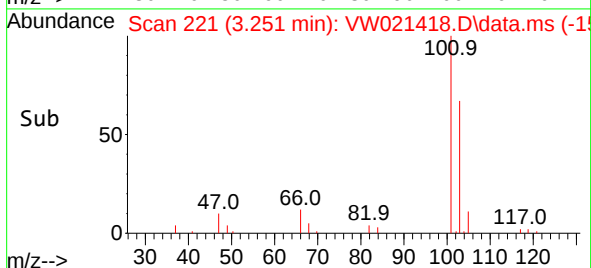
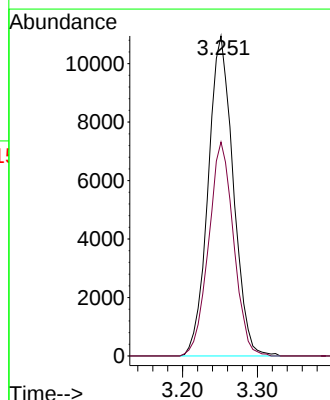
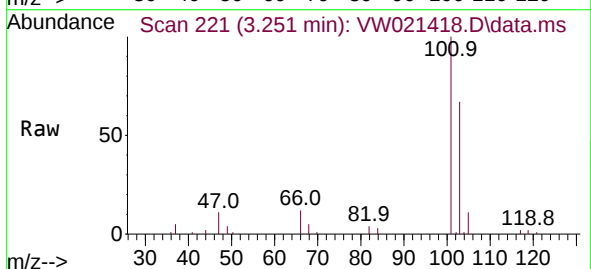
Instrument :
MSVOA_W
ClientSampleId :

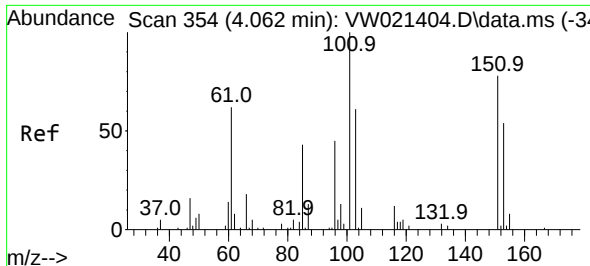
Tgt Ion: 64 Resp: 23533
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.884 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion:101 Resp: 25605
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.2

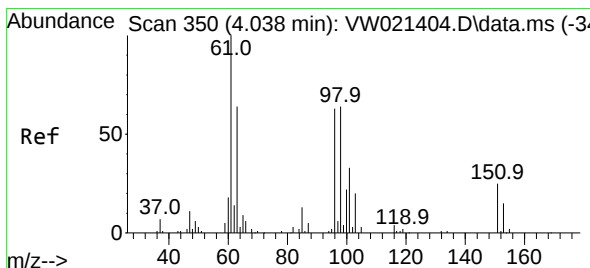
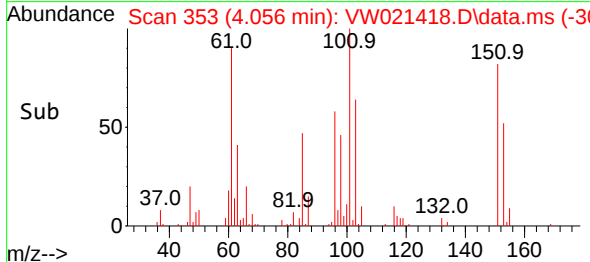
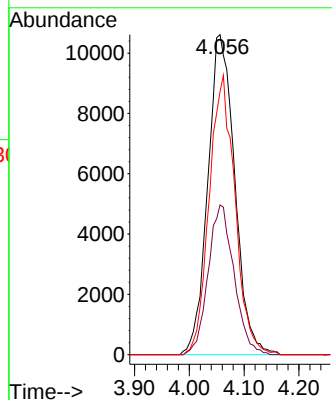
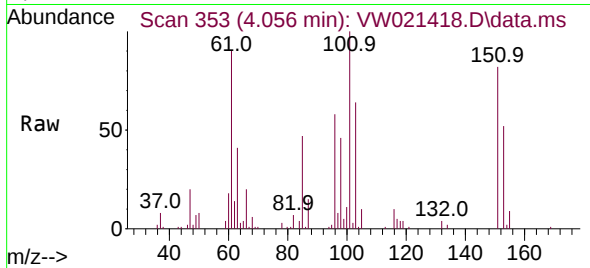




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.847 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

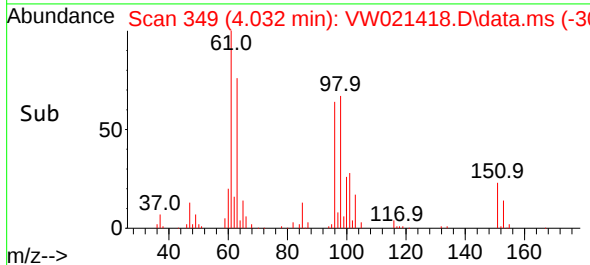
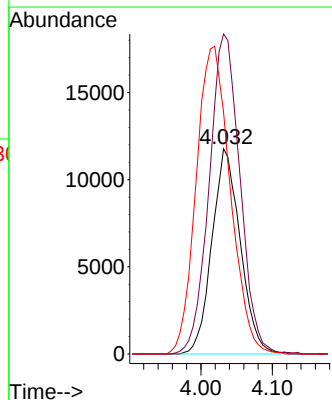
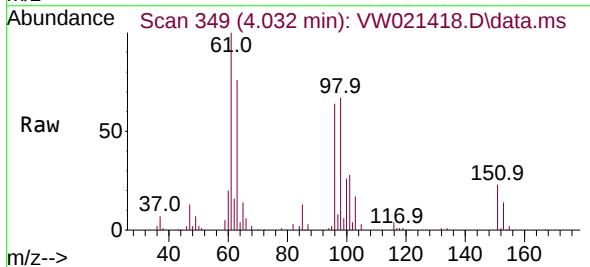
Instrument :
 MSVOA_W
 ClientSampleId :

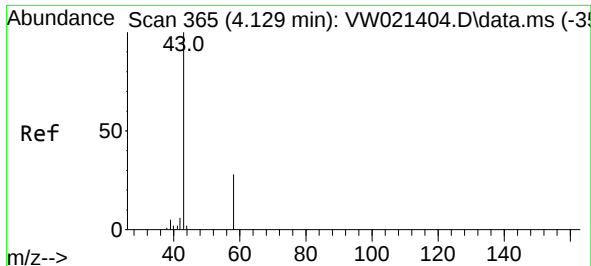
Tgt Ion:101 Resp: 36232
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.6 54.8
 151 83.3 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.718 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

Tgt Ion: 96 Resp: 32355
 Ion Ratio Lower Upper
 96 100
 61 156.0 138.3 256.9
 63 117.9 82.6 153.4





#13

Acetone

Concen: 50.951 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.000 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

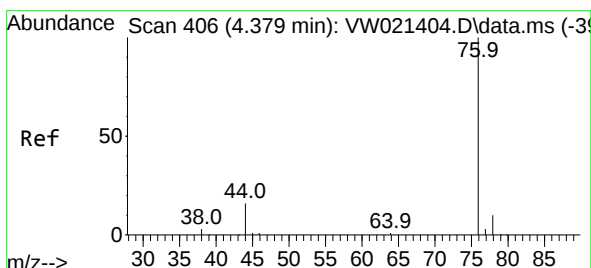
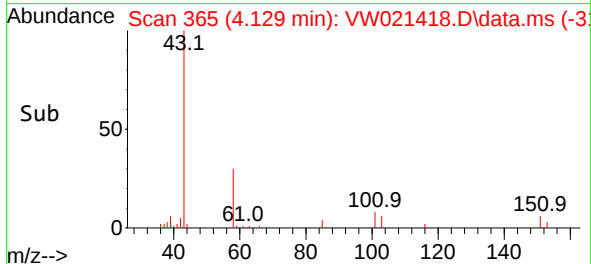
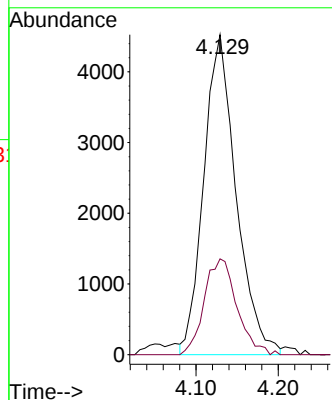
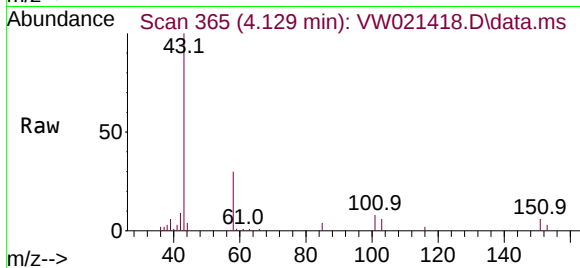
ClientSampleId :

Tgt Ion: 43 Resp: 12383

Ion Ratio Lower Upper

43 100

58 29.4 0.0 52.8



#14

Carbon disulfide

Concen: 23.572 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW021418.D

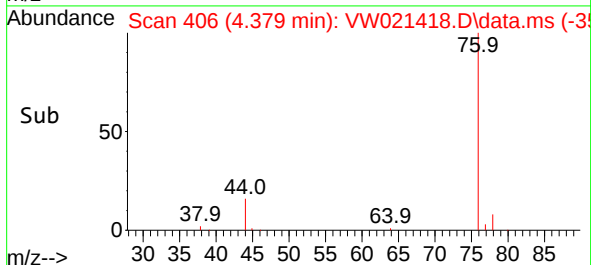
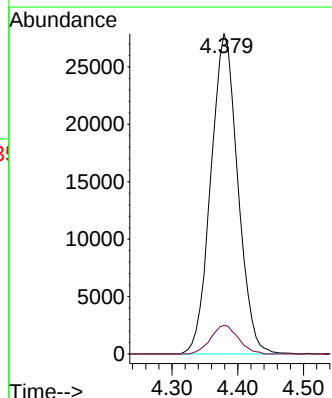
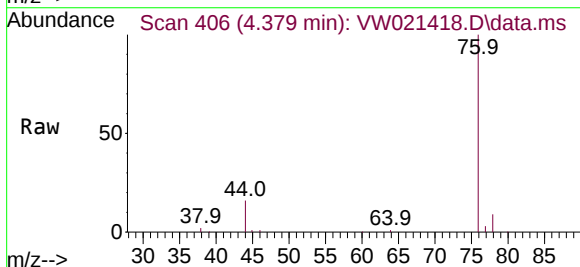
Acq: 16 Dec 2021 18:17

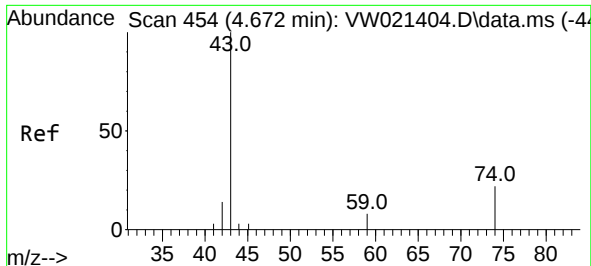
Tgt Ion: 76 Resp: 79681

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

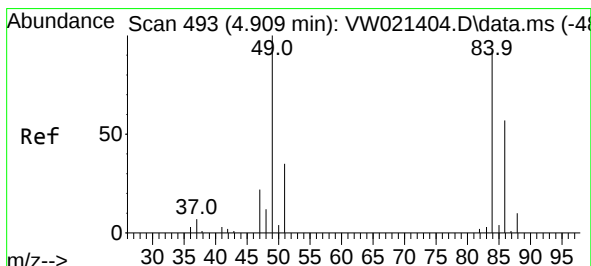
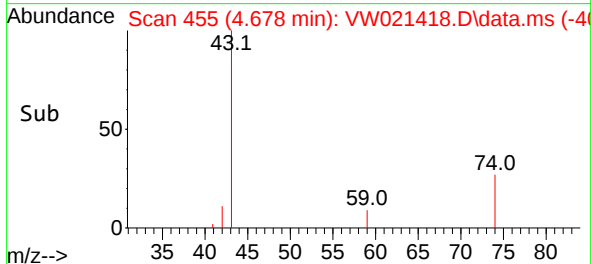
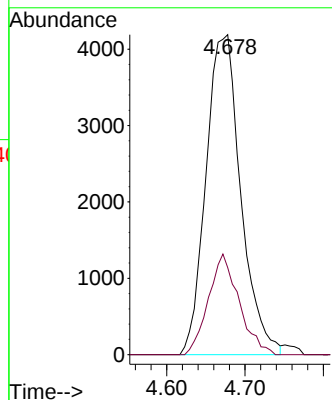
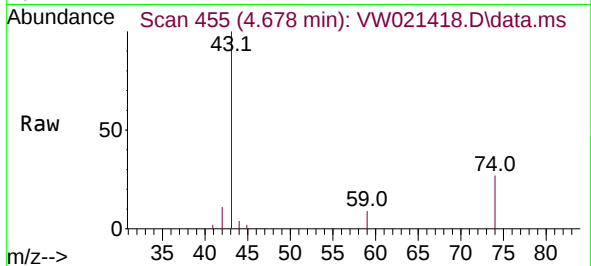




#15
Methyl Acetate
Concen: 30.870 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

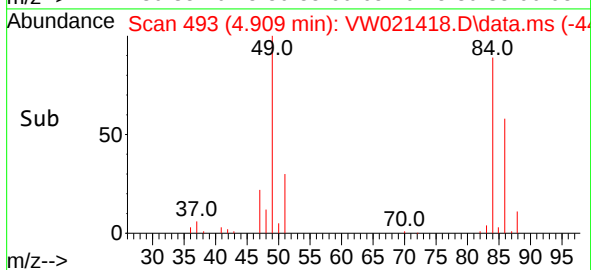
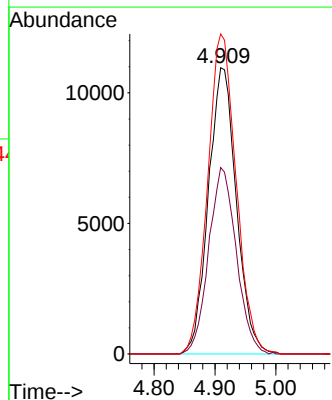
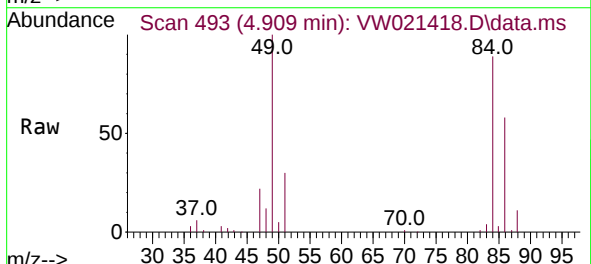
Instrument :
MSVOA_W
ClientSampleId :

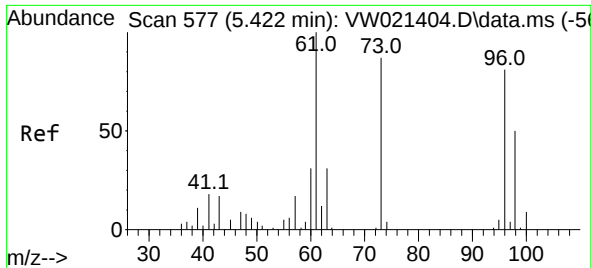
Tgt Ion: 43 Resp: 12945
Ion Ratio Lower Upper
43 100
74 27.7 16.4 24.6#



#16
Methylene chloride
Concen: 20.047 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 84 Resp: 34980
Ion Ratio Lower Upper
84 100
86 65.1 45.5 84.5
49 111.8 100.5 186.7

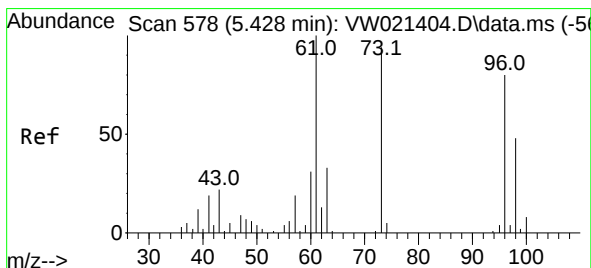
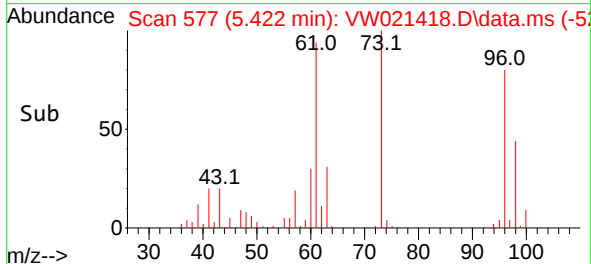
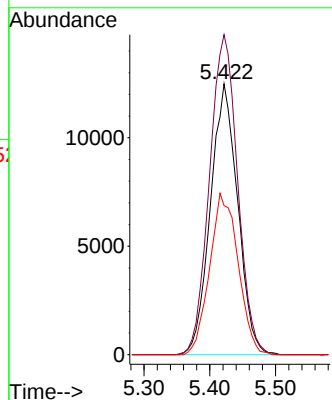
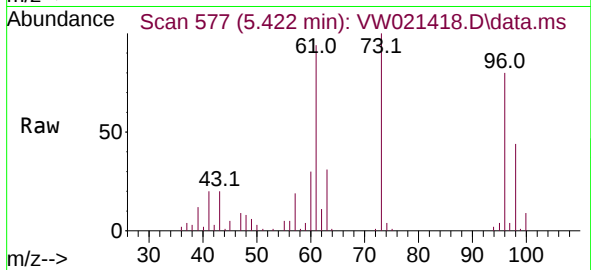




#17
trans-1,2-Dichloroethene
Concen: 25.456 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

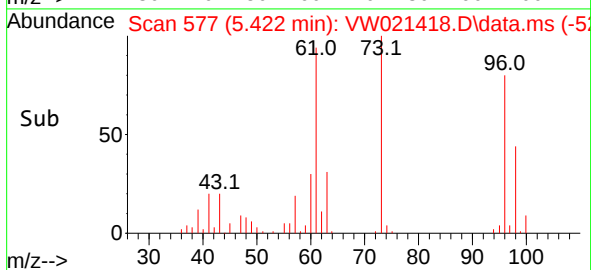
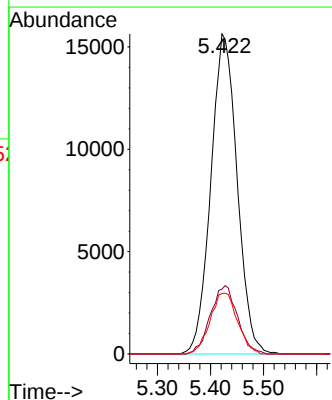
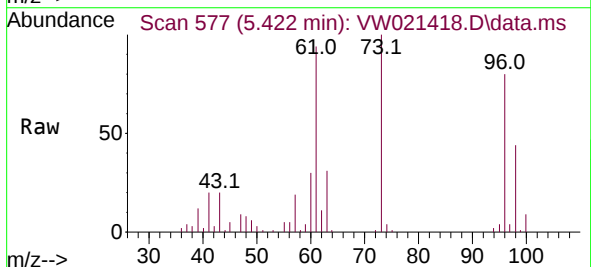
Instrument :
MSVOA_W
ClientSampleId :

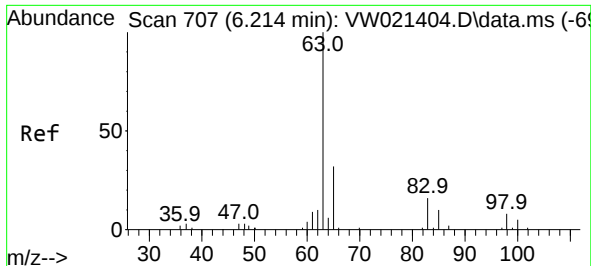
Tgt Ion: 96 Resp: 36078
Ion Ratio Lower Upper
96 100
61 118.1 107.4 199.4
98 55.1 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 27.494 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 73 Resp: 53817
Ion Ratio Lower Upper
73 100
43 21.8 19.5 29.3
57 19.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.734 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021418.D

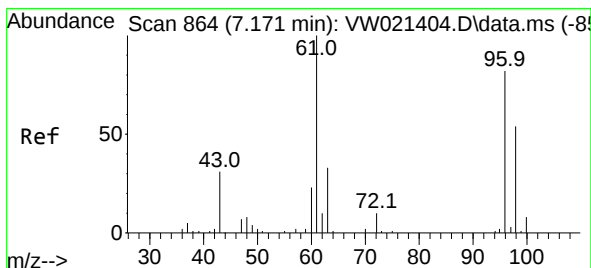
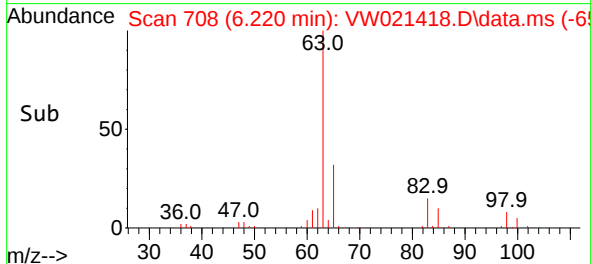
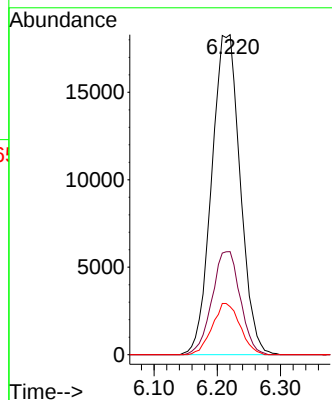
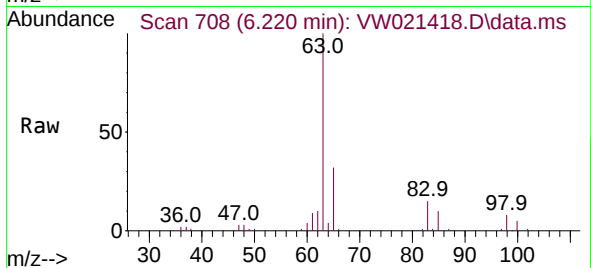
Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 57232
Ion Ratio	Lower Upper
63 100	
65 32.2	22.1 41.1
83 15.0	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.871 ug/L

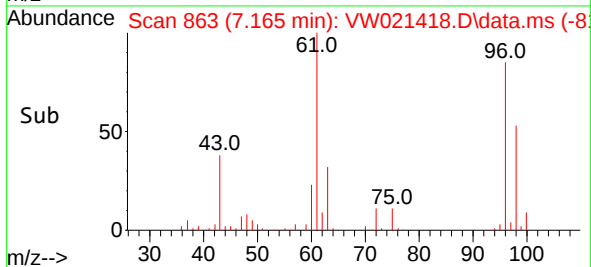
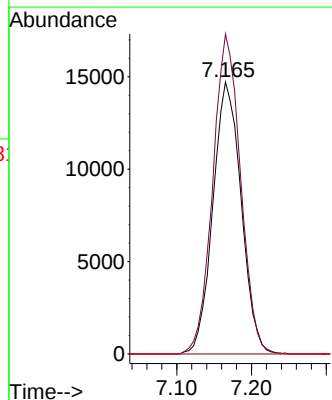
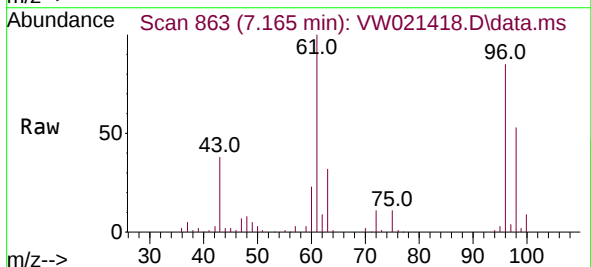
RT: 7.165 min Scan# 863

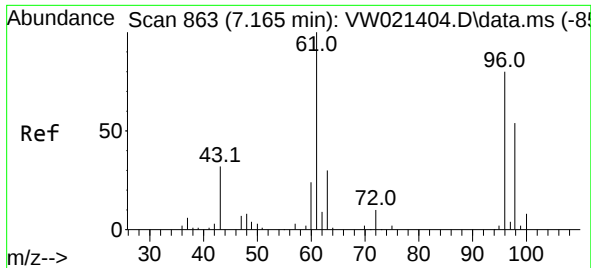
Delta R.T. -0.006 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Tgt Ion: 96	Resp: 38675
Ion Ratio	Lower Upper
96 100	
61 117.6	103.7 192.7
68 0.0	0.0 0.0

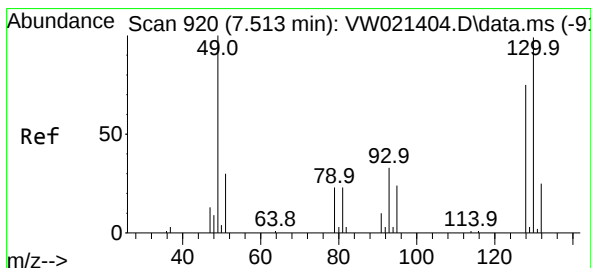
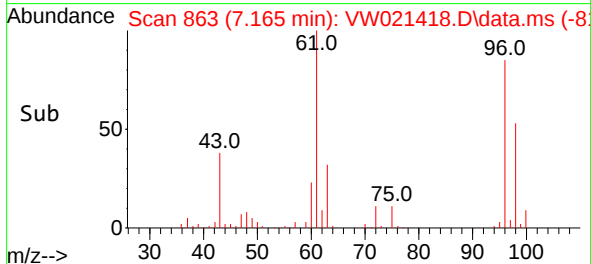
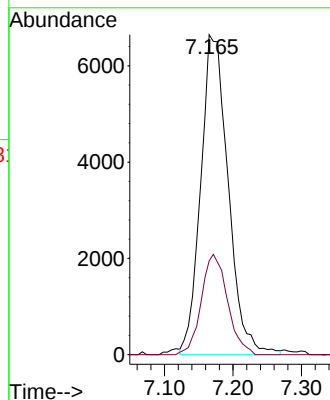
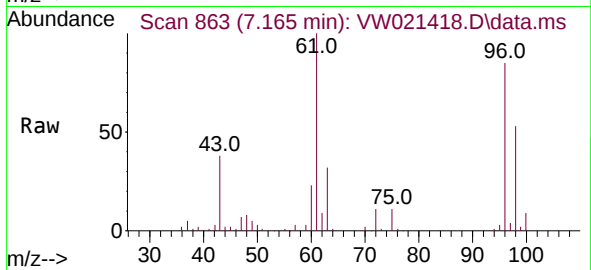




#22
2-Butanone
Concen: 58.407 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

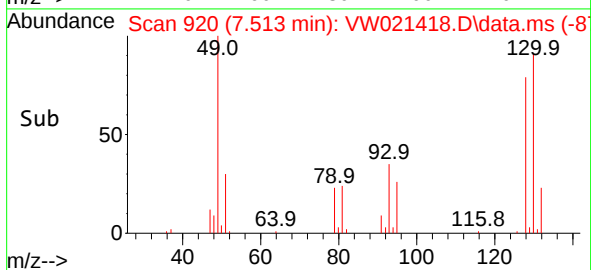
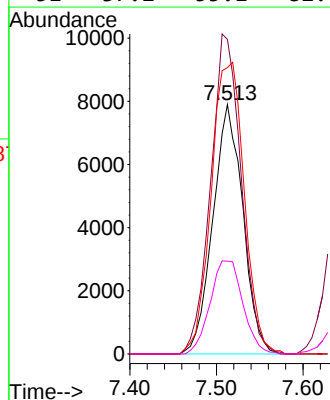
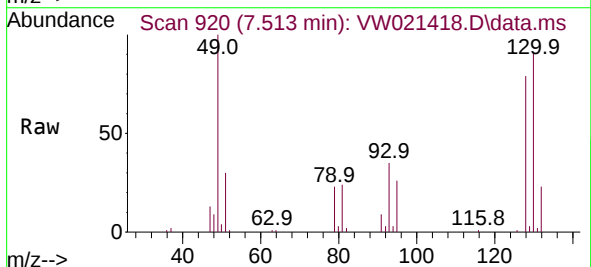
Instrument :
MSVOA_W
ClientSampleId :

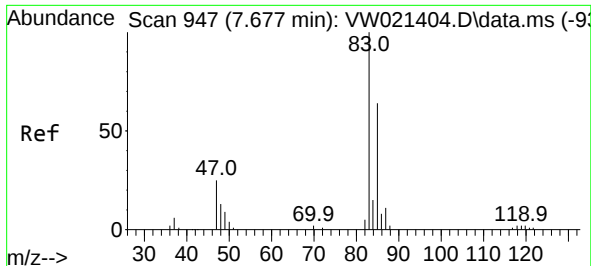
Tgt Ion: 43 Resp: 18538
Ion Ratio Lower Upper
43 100
72 29.9 11.8 35.4



#23
Bromochloromethane
Concen: 27.145 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 128 Resp: 18974
Ion Ratio Lower Upper
128 100
49 126.1 150.3 279.1#
130 114.9 88.3 163.9
51 37.2 55.1 82.7#

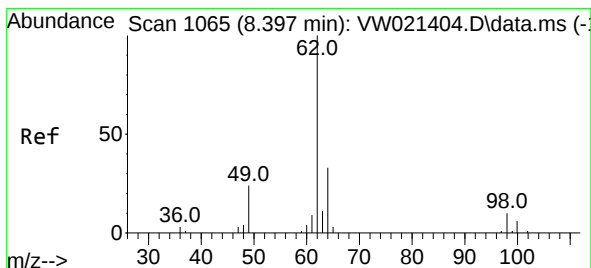
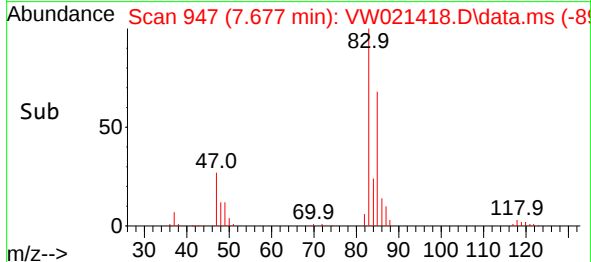
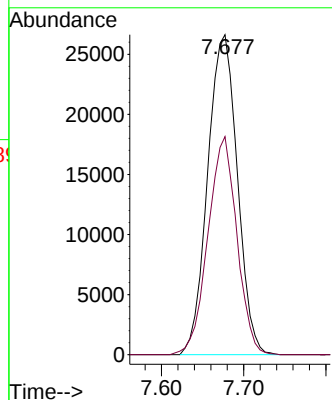
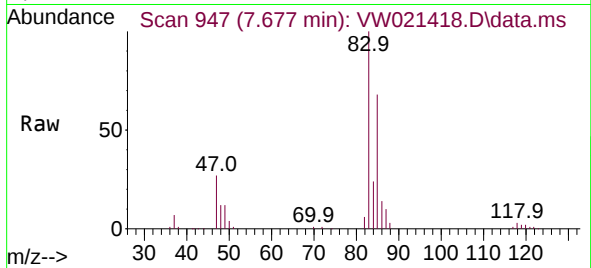




#25
Chloroform
Concen: 25.924 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

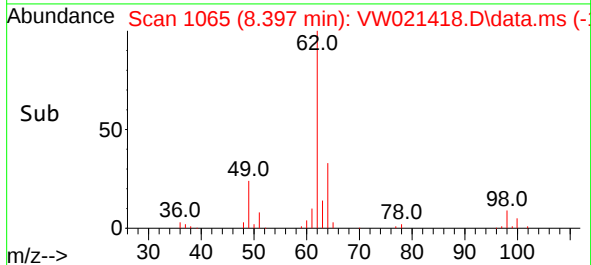
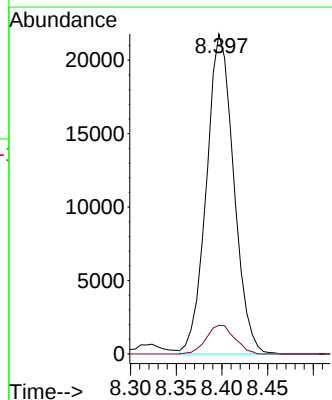
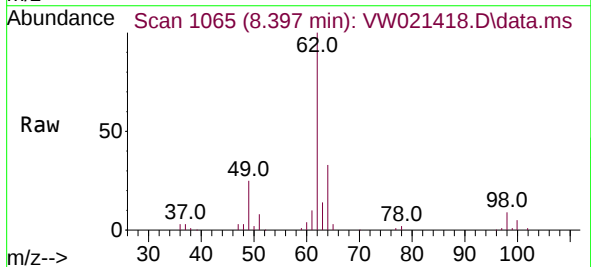
Instrument :
MSVOA_W
ClientSampleId :

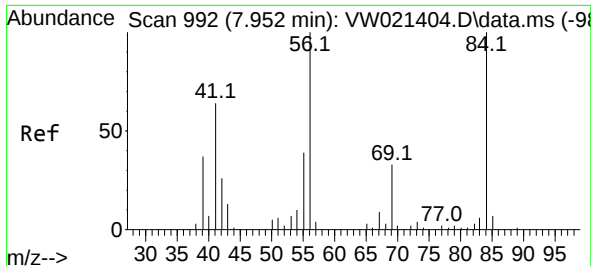
Tgt Ion: 83 Resp: 66930
Ion Ratio Lower Upper
83 100
85 68.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.714 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 62 Resp: 45310
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7





#29

Cyclohexane

Concen: 24.336 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW021418.D

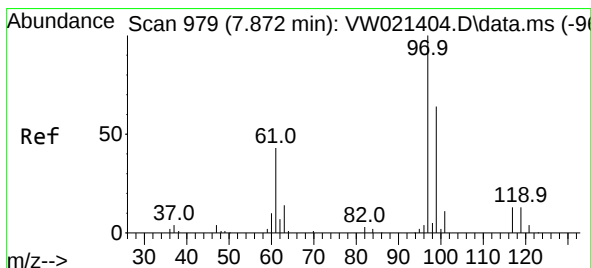
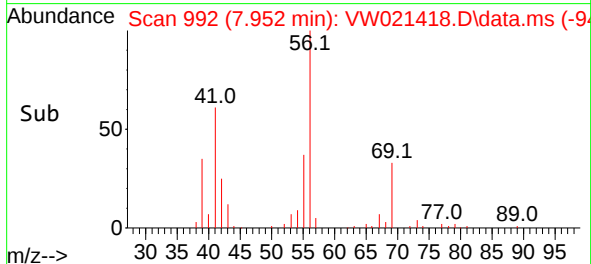
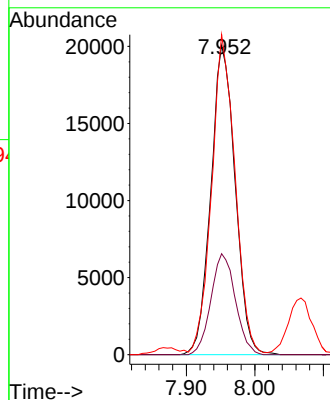
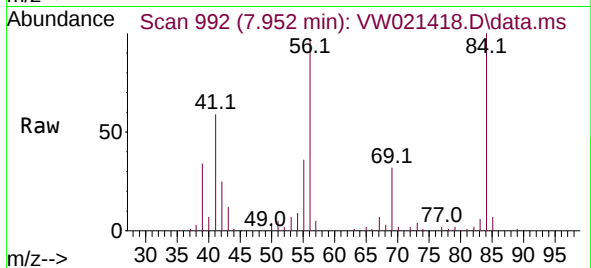
Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	49326
Ion Ratio	Lower	Upper	
56	100		
69	32.8	23.5	35.3
84	99.7	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 25.455 ug/L

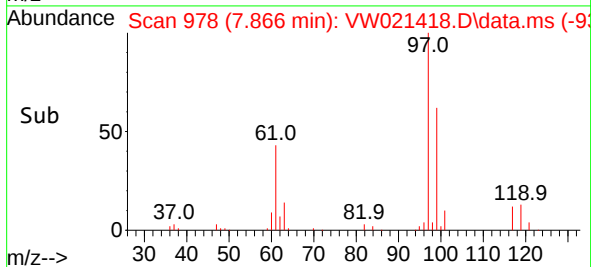
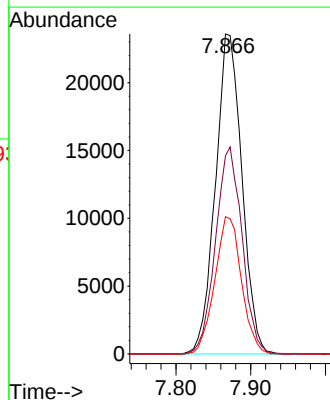
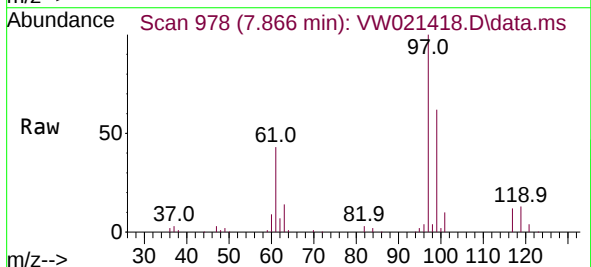
RT: 7.866 min Scan# 978

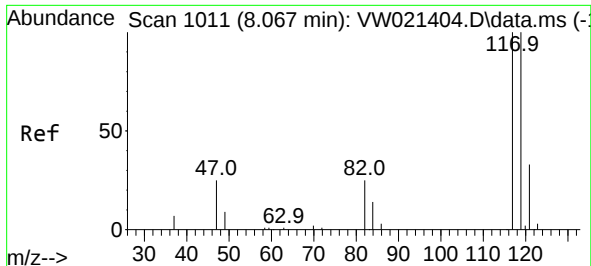
Delta R.T. -0.006 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Tgt Ion:	97	Resp:	58159
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.6	77.4
61	43.1	40.9	61.3

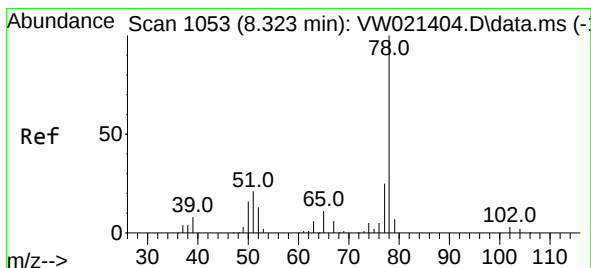
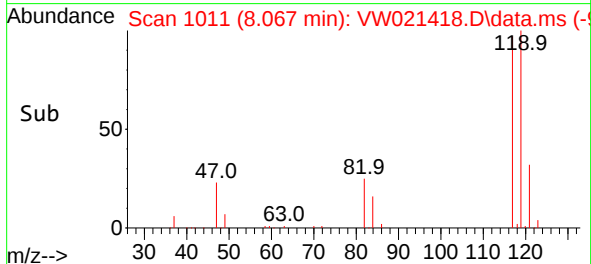
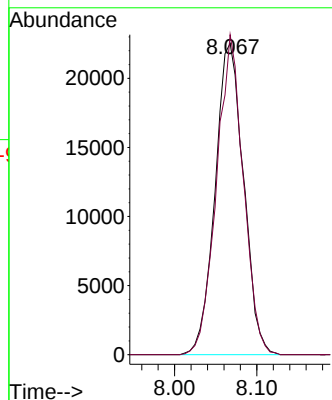
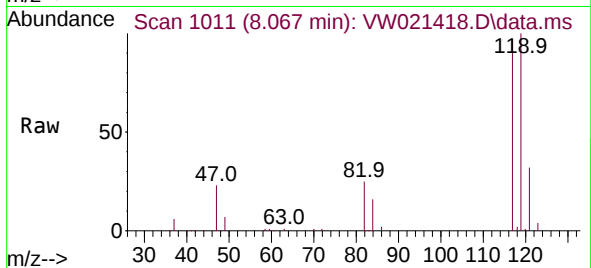




#31
Carbon tetrachloride
Concen: 25.694 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

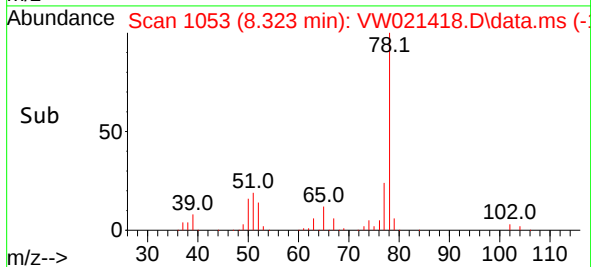
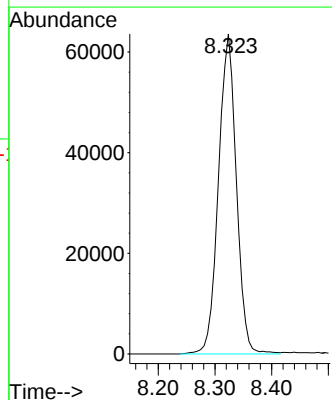
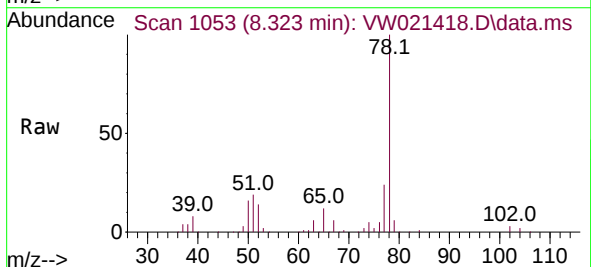
Instrument :
MSVOA_W
ClientSampleId :

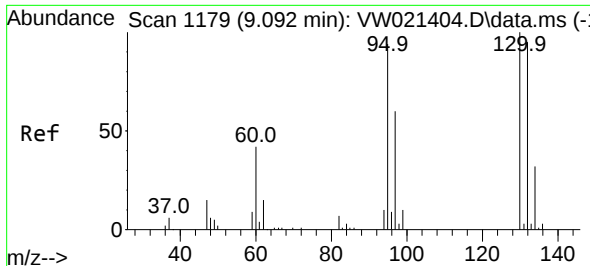
Tgt Ion:117 Resp: 54155
Ion Ratio Lower Upper
117 100
119 96.7 75.7 113.5



#33
Benzene
Concen: 25.172 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 78 Resp: 139640





#34

Trichloroethene

Concen: 25.354 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

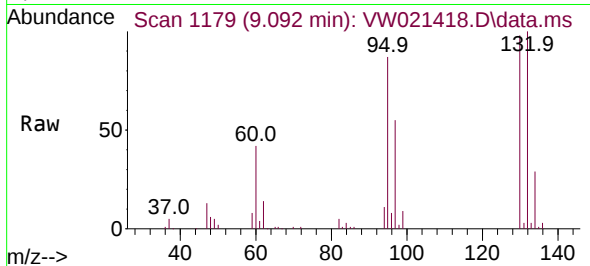
Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 39481

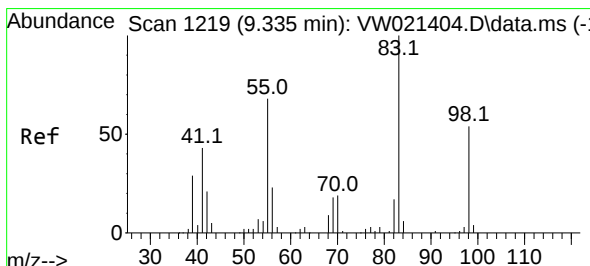
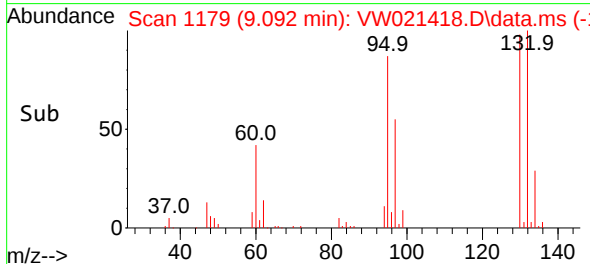
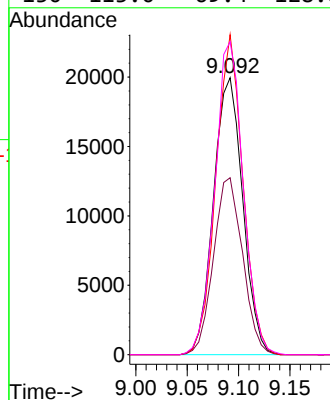
Ion Ratio Lower Upper

95 100

97 63.9 47.0 87.2

132 115.6 65.5 121.6

130 113.0 69.4 128.8



#35

Methylcyclohexane

Concen: 24.217 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

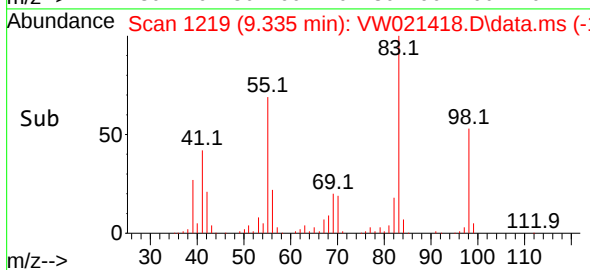
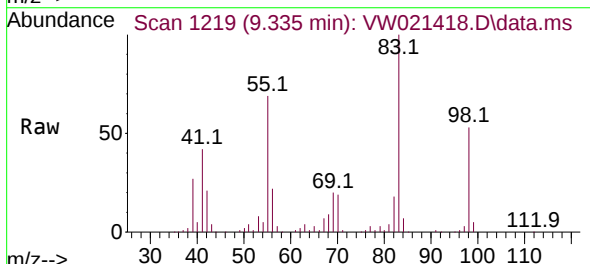
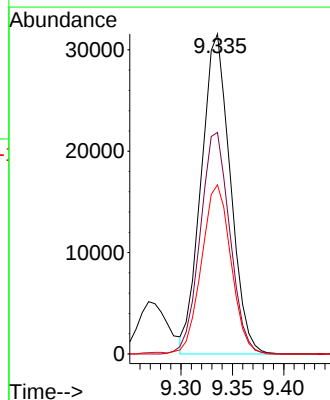
Tgt Ion: 83 Resp: 62207

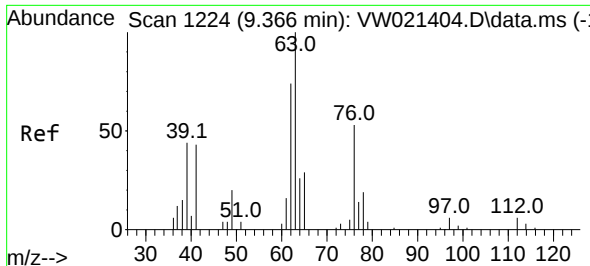
Ion Ratio Lower Upper

83 100

55 70.4 70.8 106.2#

98 53.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 26.118 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

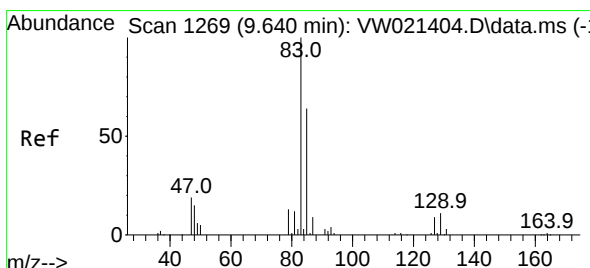
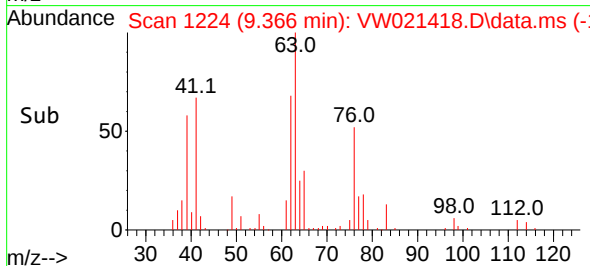
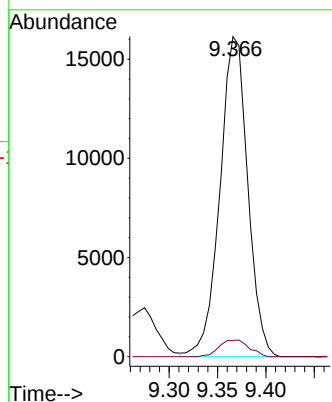
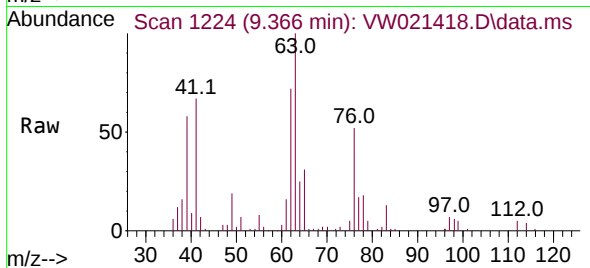
ClientSampleId :

Tgt Ion: 63 Resp: 32318

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 28.544 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

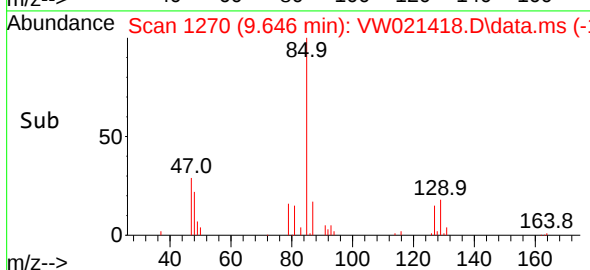
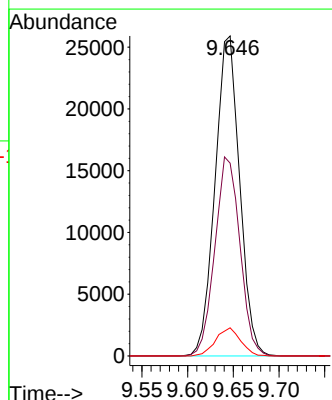
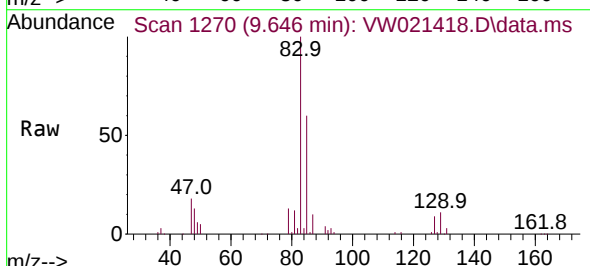
Tgt Ion: 83 Resp: 48561

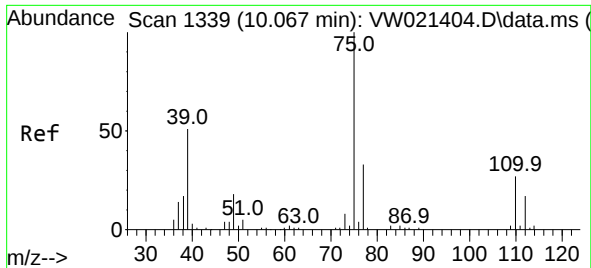
Ion Ratio Lower Upper

83 100

85 60.2 44.1 81.9

127 8.8 6.1 9.1

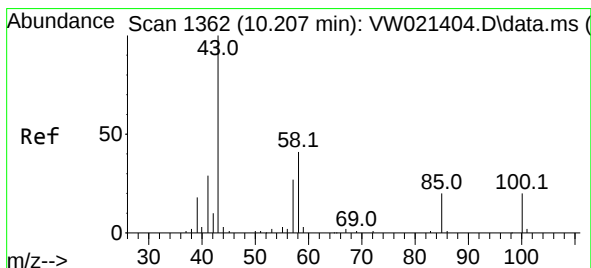
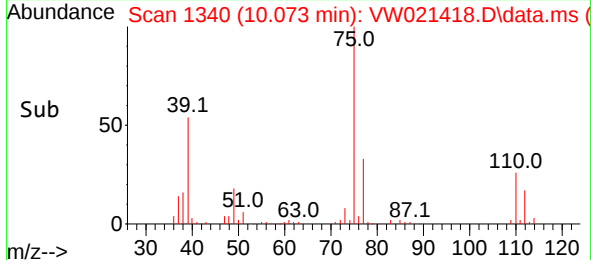
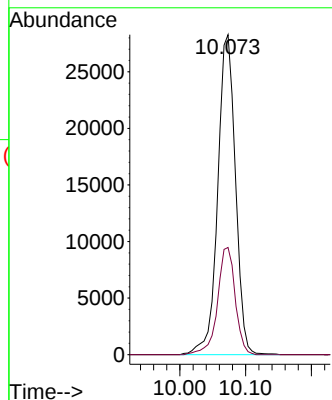
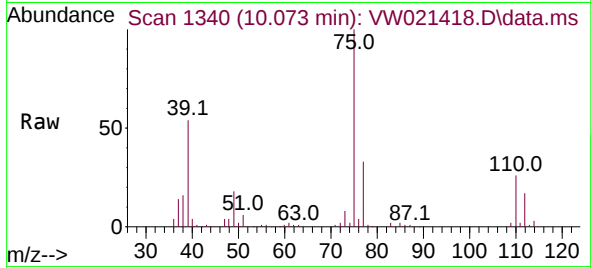




#39
 cis-1,3-Dichloropropene
 Concen: 27.224 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

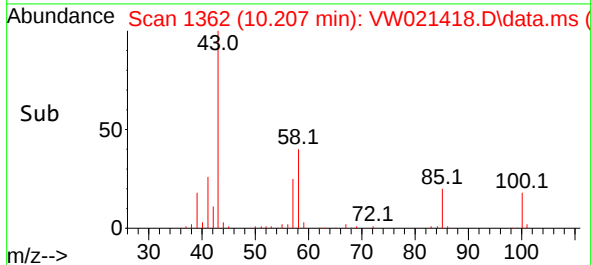
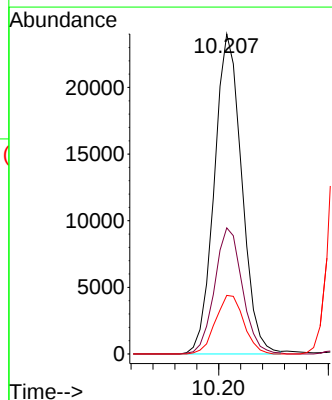
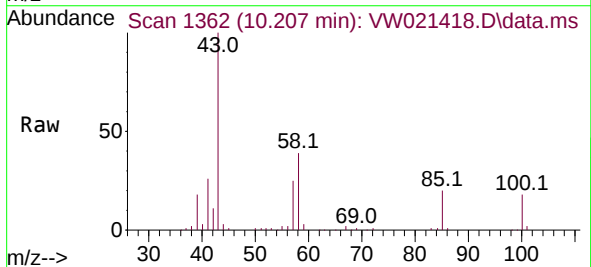
Instrument :
 MSVOA_W
 ClientSampleId :

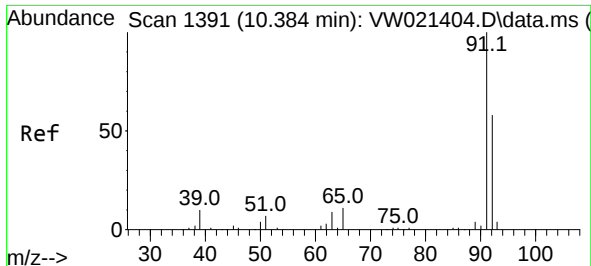
Tgt Ion: 75 Resp: 53100
 Ion Ratio Lower Upper
 75 100
 77 33.5 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 61.954 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

Tgt Ion: 43 Resp: 41770
 Ion Ratio Lower Upper
 43 100
 58 39.8 28.8 43.2
 100 18.8 10.0 15.0#

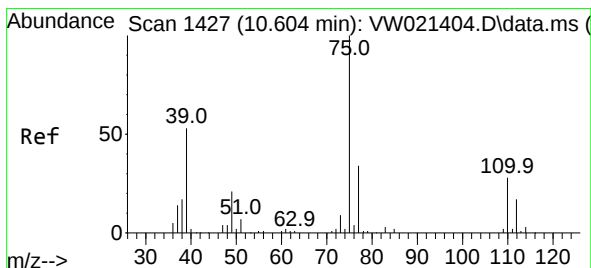
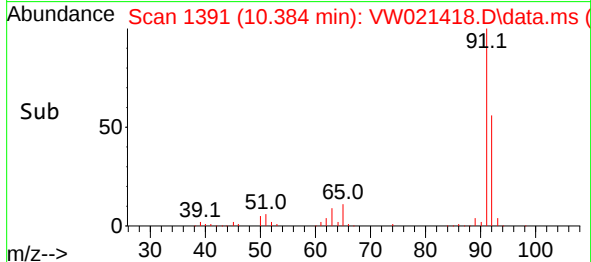
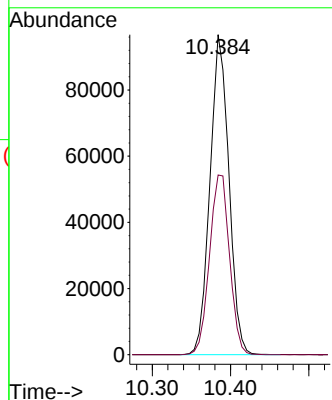
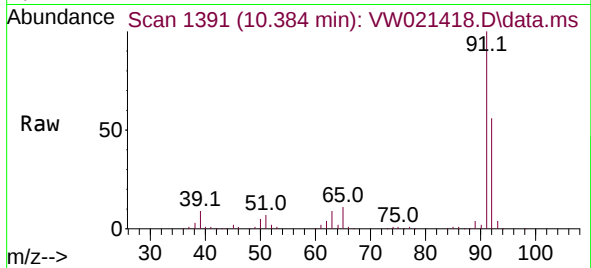




#42
Toluene
Concen: 24.975 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

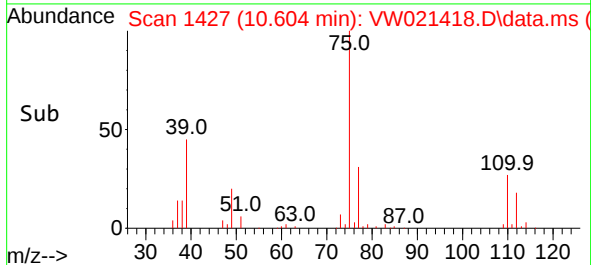
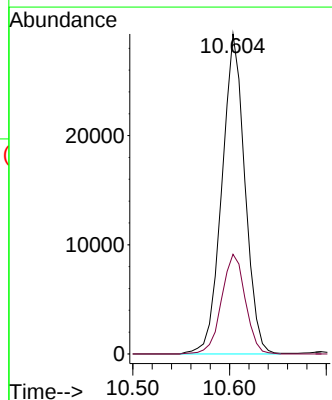
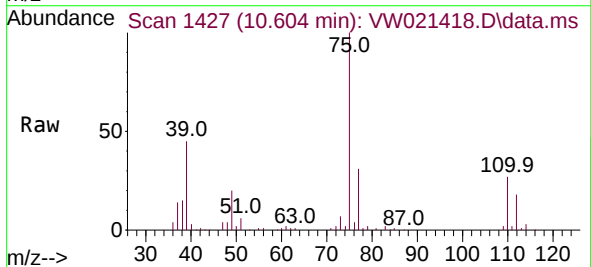
Instrument :
MSVOA_W
ClientSampleId :

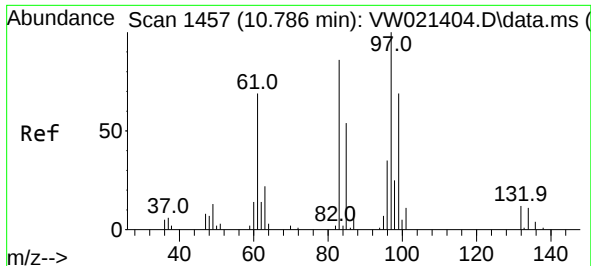
Tgt Ion: 91 Resp: 162033
Ion Ratio Lower Upper
91 100
92 56.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 28.324 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

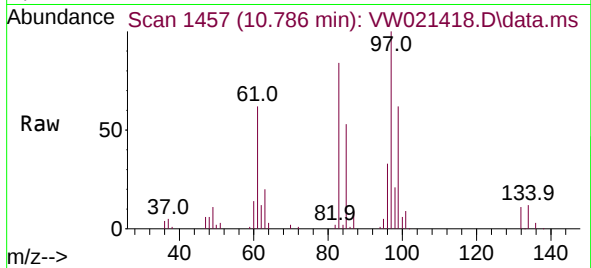
Tgt Ion: 75 Resp: 48390
Ion Ratio Lower Upper
75 100
77 31.1 22.2 41.2



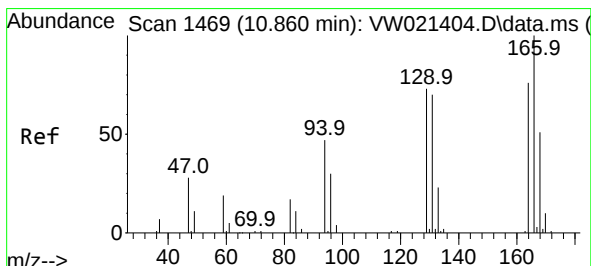
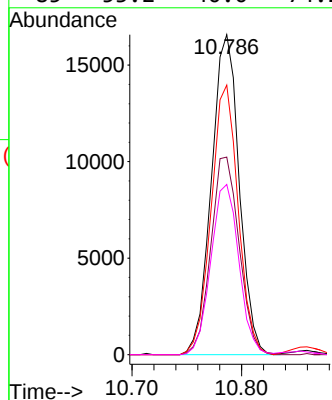
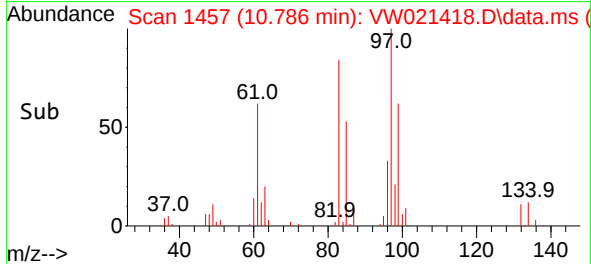


#45
1,1,2-Trichloroethane
Concen: 28.829 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

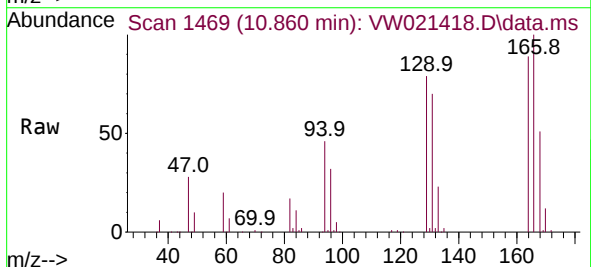
Instrument :
MSVOA_W
ClientSampleId :



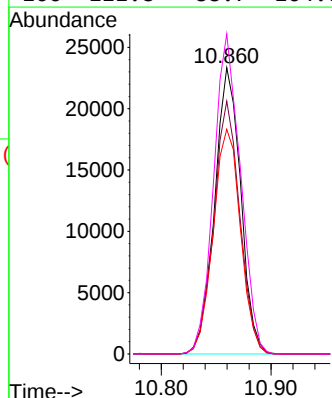
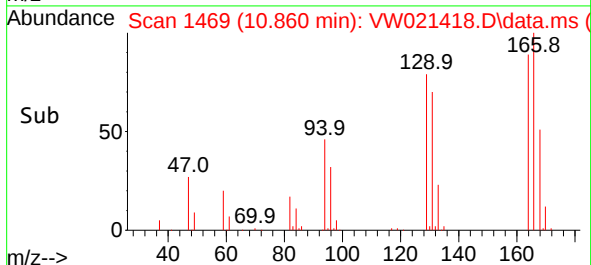
Tgt Ion:	97	Resp:	29197
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.0	79.8
83	84.3	62.6	116.3
85	53.2	40.0	74.2

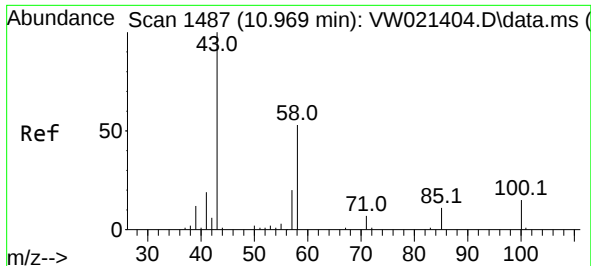


#46
Tetrachloroethene
Concen: 26.023 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17



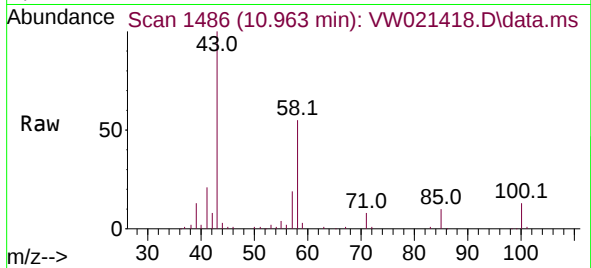
Tgt Ion:	164	Resp:	38496
Ion	Ratio	Lower	Upper
164	100		
129	88.3	65.5	121.7
131	78.5	59.7	110.9
166	111.8	88.7	164.7



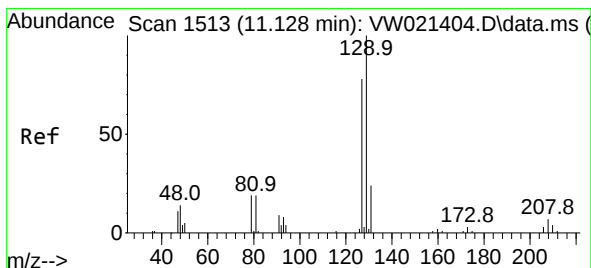
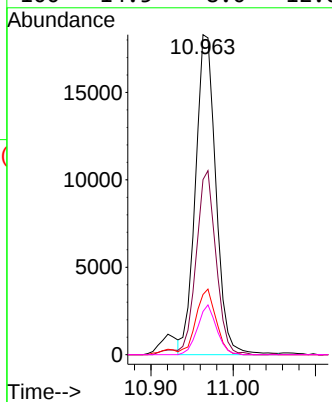
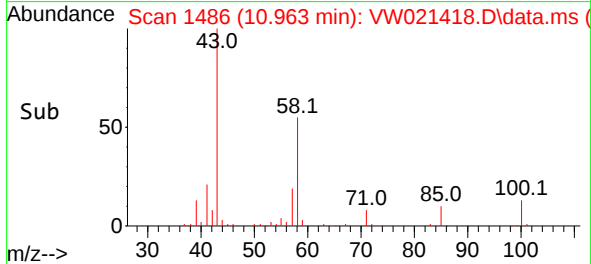


#48
2-Hexanone
Concen: 64.870 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Instrument :
MSVOA_W
ClientSampleId :

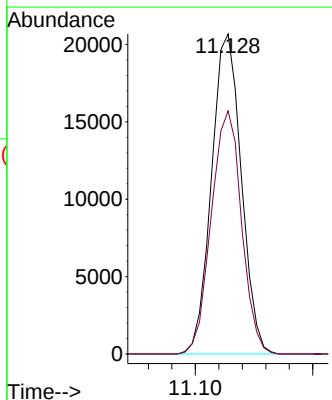
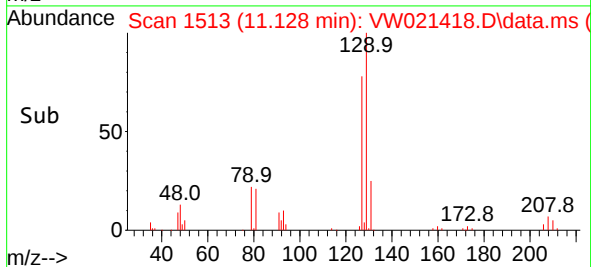
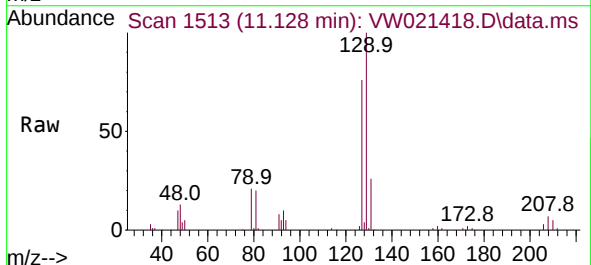


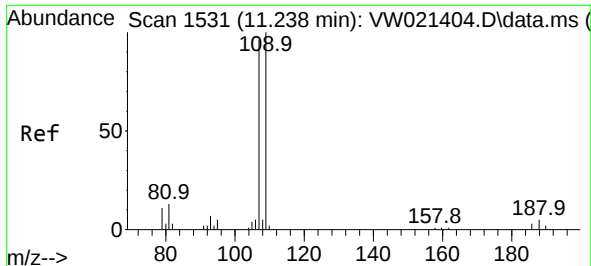
Tgt Ion: 43 Resp: 31717
Ion Ratio Lower Upper
43 100
58 55.4 40.2 60.2
57 20.0 14.3 21.5
100 14.5 8.0 12.0#



#49
Dibromochloromethane
Concen: 29.149 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 129 Resp: 36393
Ion Ratio Lower Upper
129 100
127 75.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 29.033 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021418.D

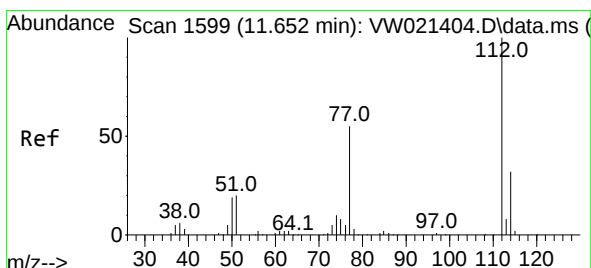
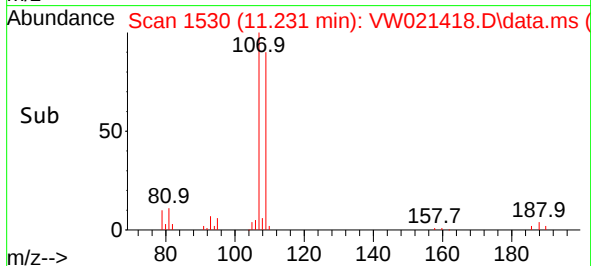
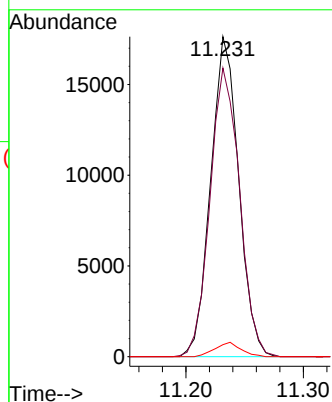
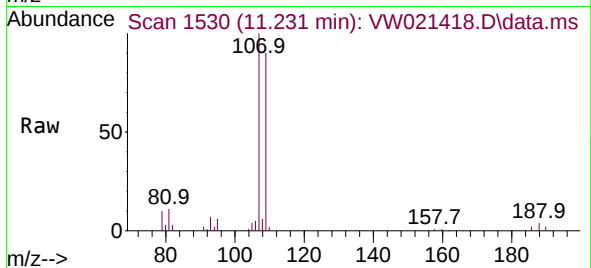
Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	29262
Ion Ratio	Lower	Upper
107	100	
109	90.2	64.1 119.1
188	3.8	2.6 3.8



#51

Chlorobenzene

Concen: 25.325 ug/L

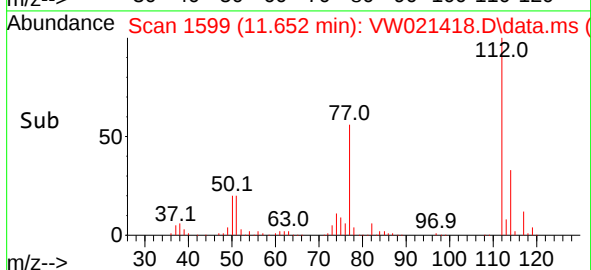
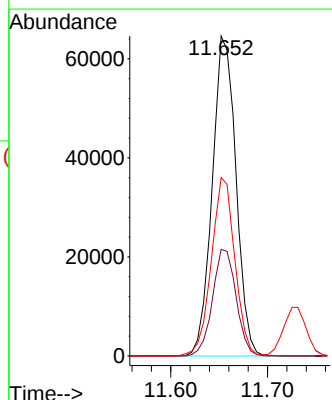
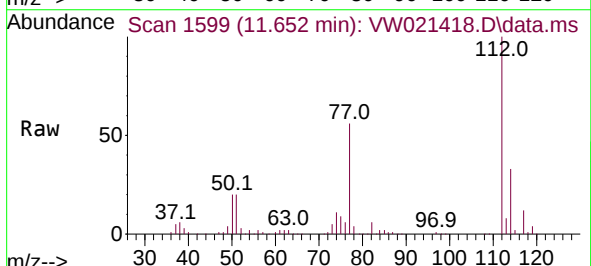
RT: 11.652 min Scan# 1599

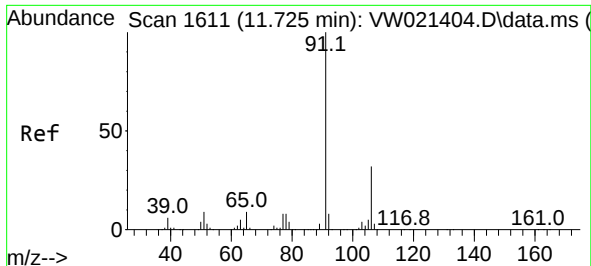
Delta R.T. 0.000 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Tgt Ion:112	Resp:	110002
Ion Ratio	Lower	Upper
112	100	
114	33.3	22.4 41.6
77	55.8	50.2 75.4

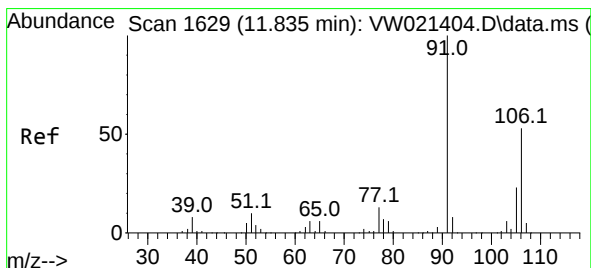
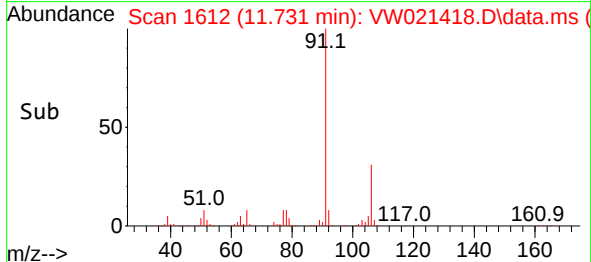
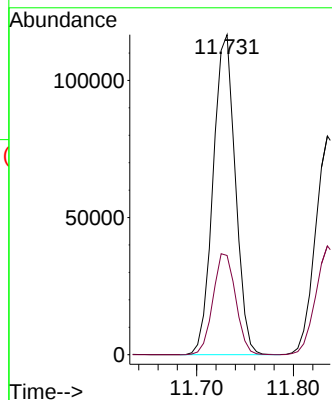
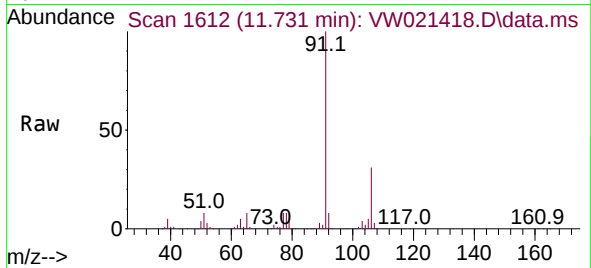




#52
Ethylbenzene
Concen: 25.054 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

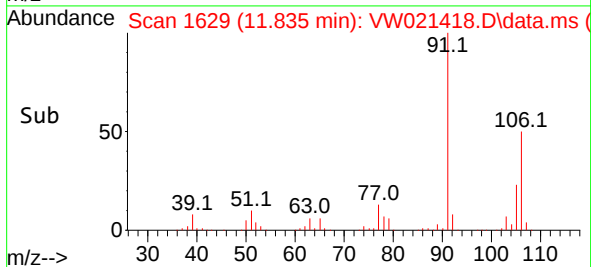
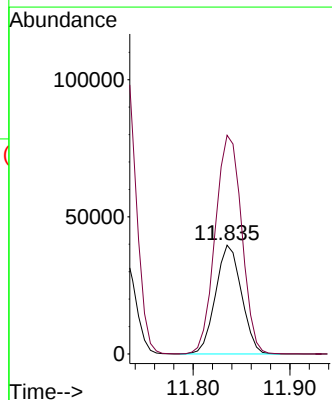
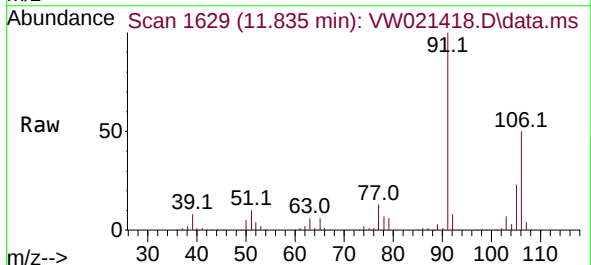
Instrument :
MSVOA_W
ClientSampleId :

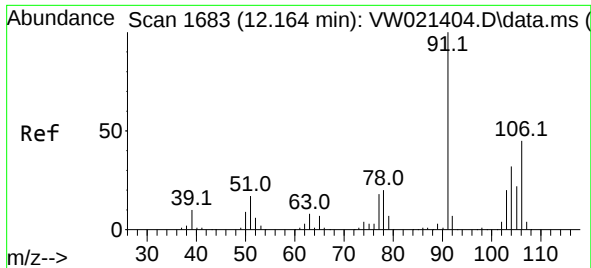
Tgt Ion: 91 Resp: 185751
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 24.661 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 106 Resp: 73758
Ion Ratio Lower Upper
106 100
91 201.1 149.9 278.3

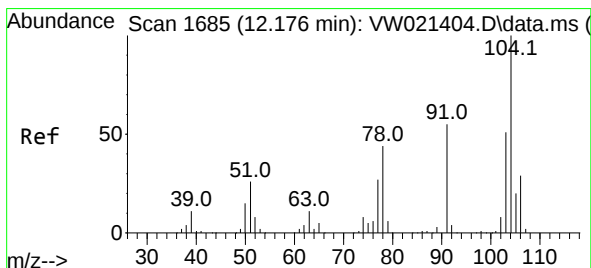
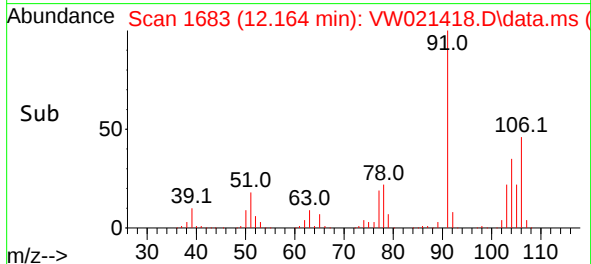
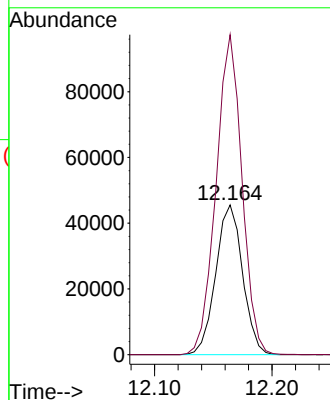
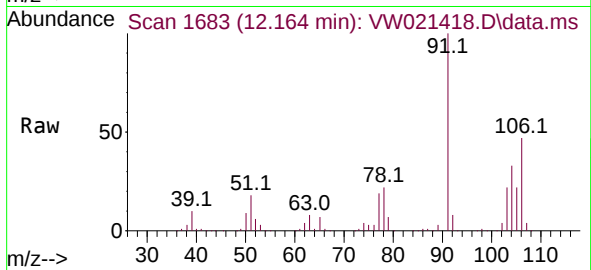




#54
o-Xylene
Concen: 25.475 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

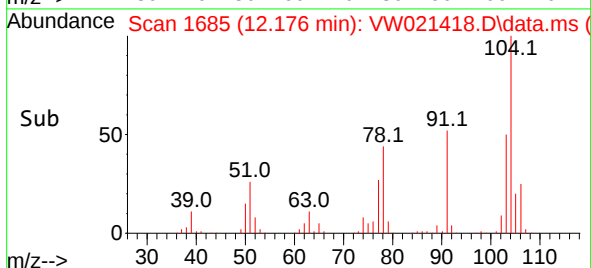
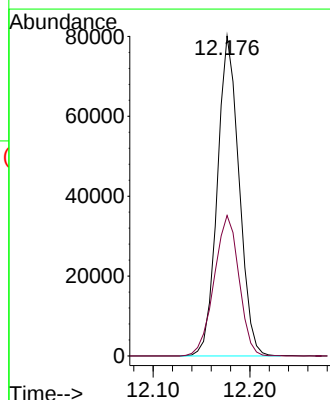
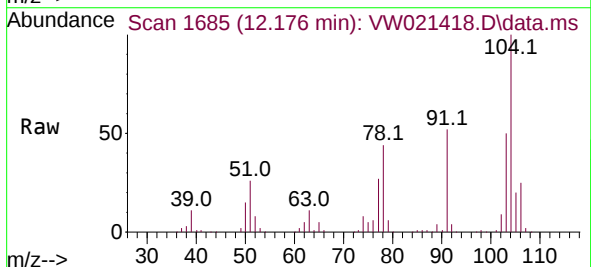
Instrument :
MSVOA_W
ClientSampleId :

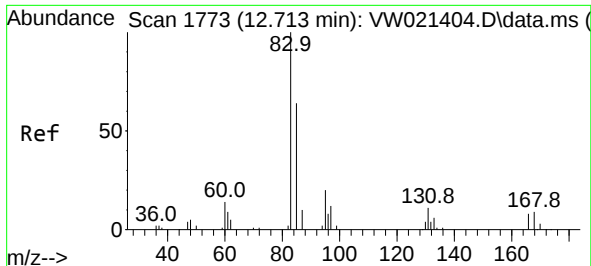
Tgt Ion:106 Resp: 72309
Ion Ratio Lower Upper
106 100
91 213.6 153.6 285.3



#55
Styrene
Concen: 25.895 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion:104 Resp: 125092
Ion Ratio Lower Upper
104 100
78 43.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 31.126 ug/L

RT: 12.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021418.D

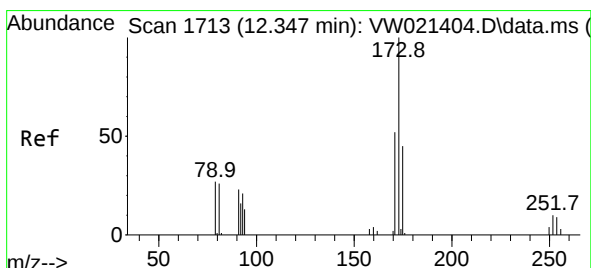
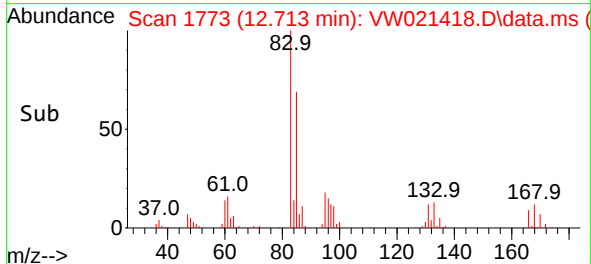
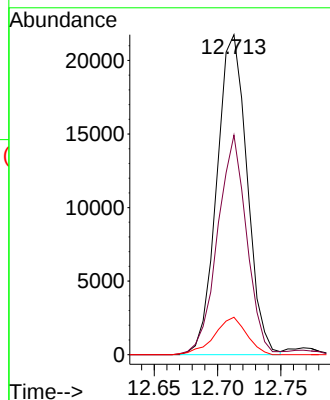
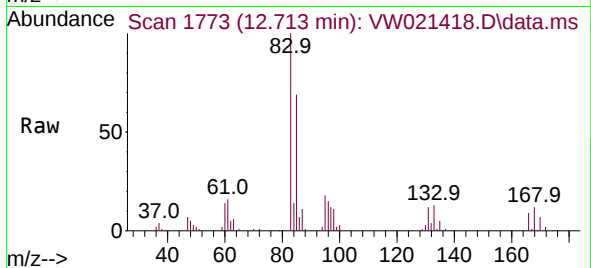
Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	36136
Ion Ratio	Lower	Upper	
83	100		
85	68.6	44.0	81.6
131	11.7	6.9	10.3#



#59

Bromoform

Concen: 27.834 ug/L

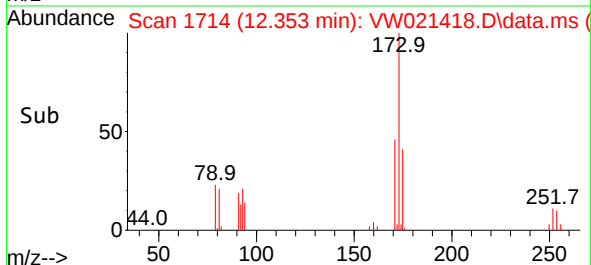
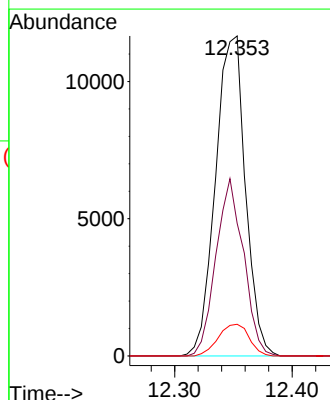
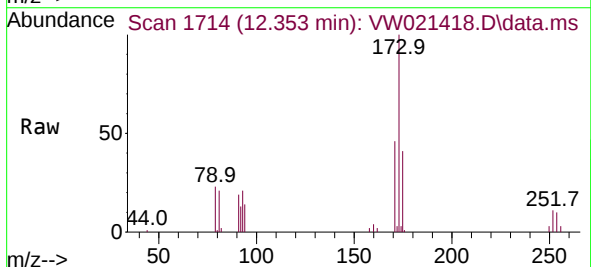
RT: 12.353 min Scan# 1714

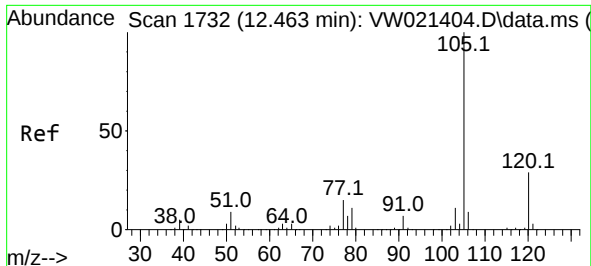
Delta R.T. 0.006 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Tgt Ion:	173	Resp:	20645
Ion Ratio	Lower	Upper	
173	100		
175	50.9	39.6	59.4
254	10.2	7.4	11.0

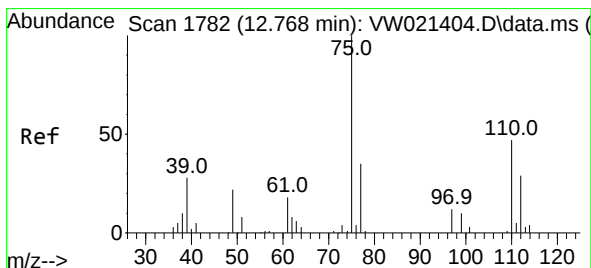
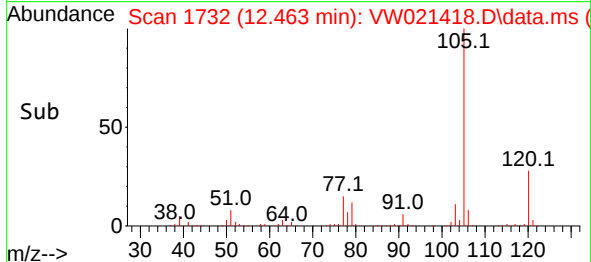
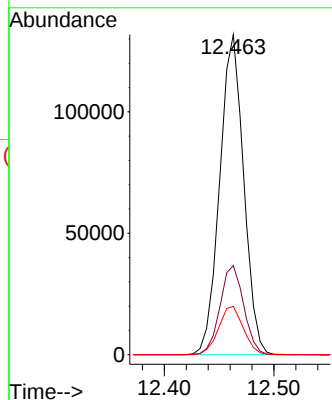
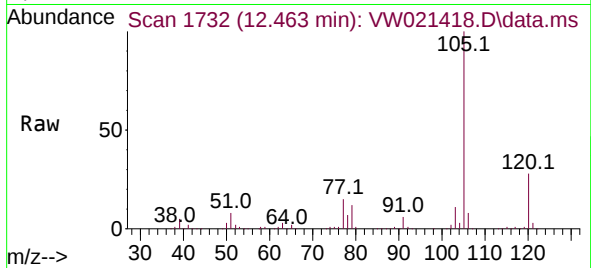




#60
Isopropylbenzene
Concen: 23.652 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

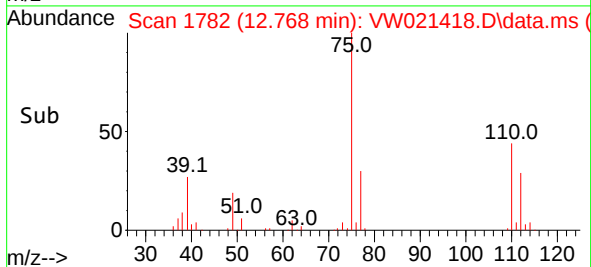
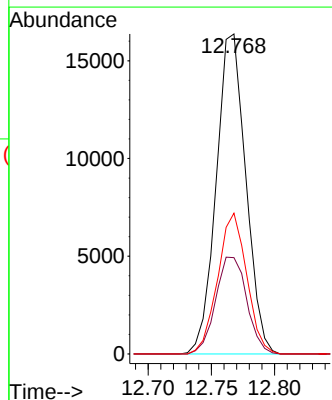
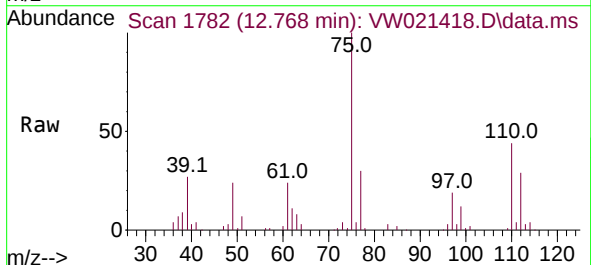
Instrument :
MSVOA_W
ClientSampleId :

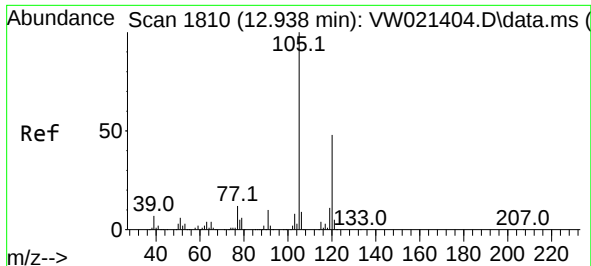
Tgt Ion:105 Resp: 200341
Ion Ratio Lower Upper
105 100
120 27.5 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 29.343 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 75 Resp: 26622
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
110 43.2 29.0 43.4

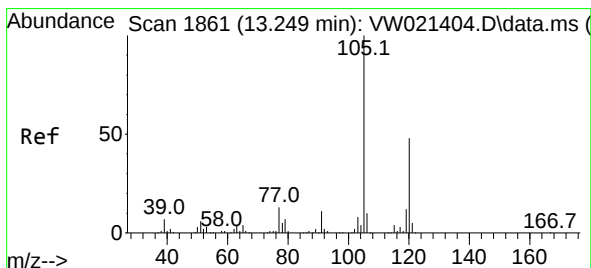
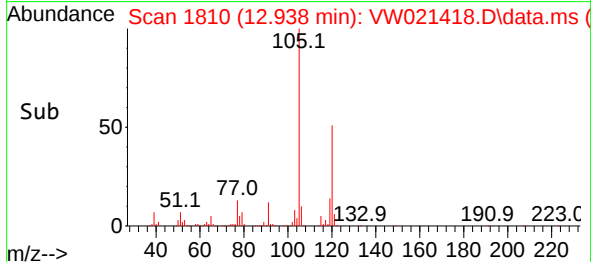
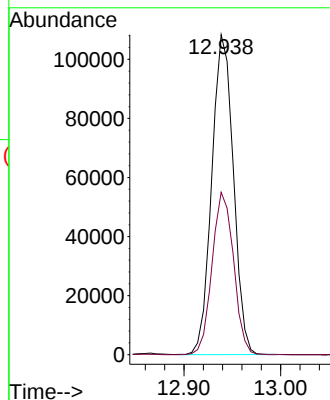
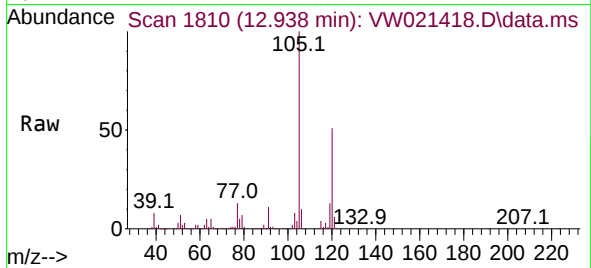




#62
 1,3,5-Trimethylbenzene
 Concen: 23.304 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

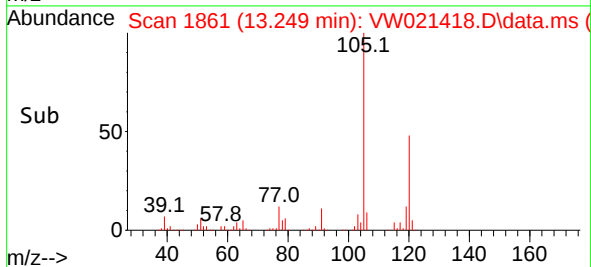
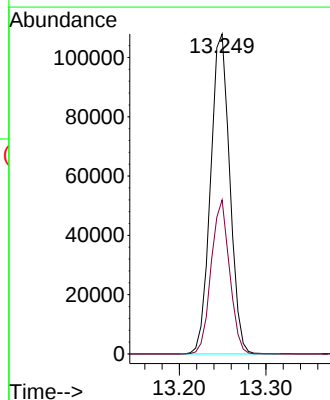
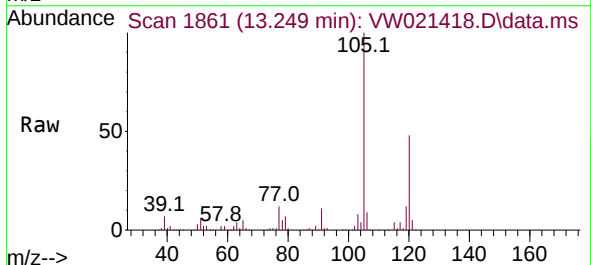
Instrument :
 MSVOA_W
 ClientSampleId :

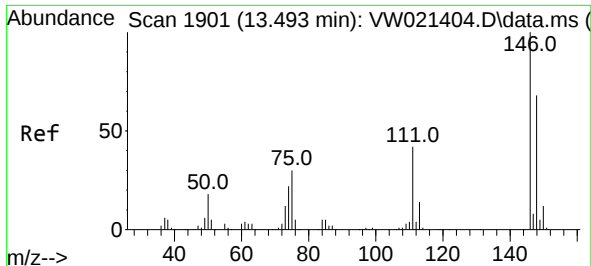
Tgt Ion:105 Resp: 167976
 Ion Ratio Lower Upper
 105 100
 120 50.5 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.406 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW021418.D
 Acq: 16 Dec 2021 18:17

Tgt Ion:105 Resp: 166424
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.0 52.6

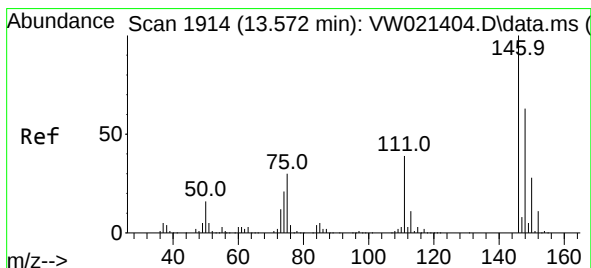
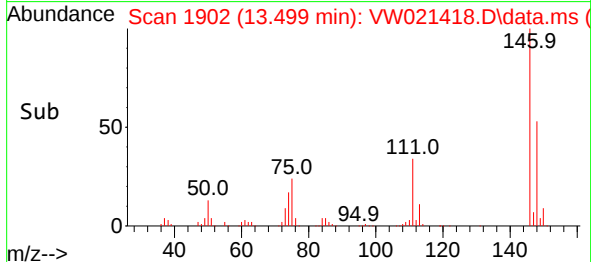
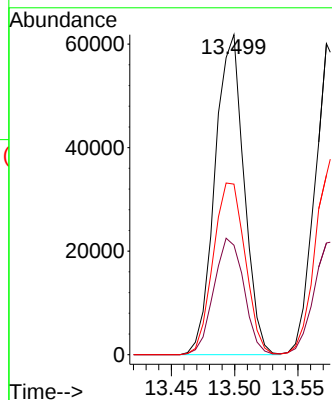
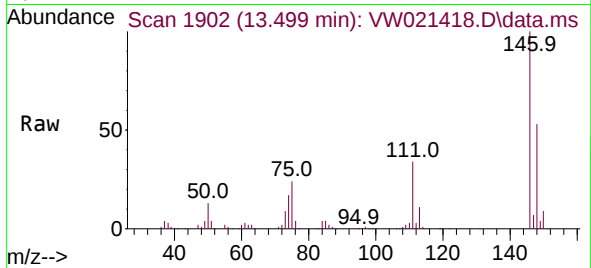




#64
1,3-Dichlorobenzene
Concen: 24.695 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

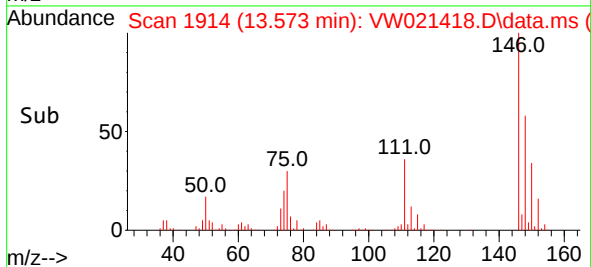
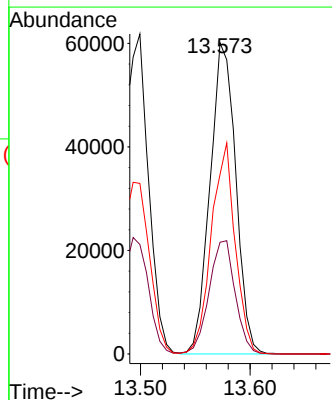
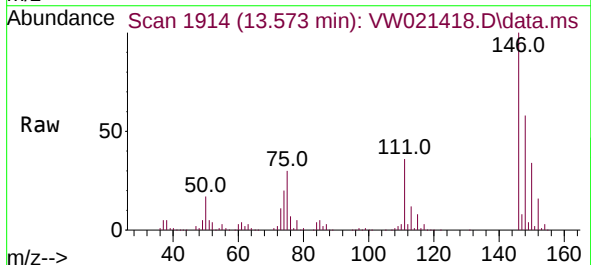
Instrument :
MSVOA_W
ClientSampleId :

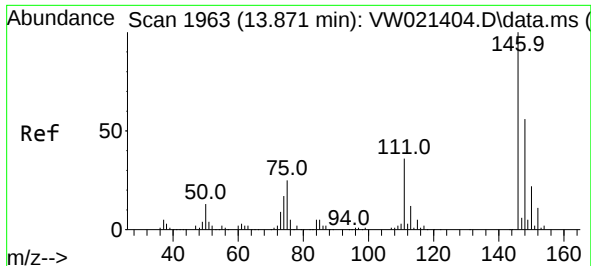
Tgt Ion:146 Resp: 98664
Ion Ratio Lower Upper
146 100
111 34.2 29.8 55.3
148 53.3 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.746 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion:146 Resp: 98229
Ion Ratio Lower Upper
146 100
111 35.9 29.0 53.9
148 57.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.774 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

ClientSampleId :

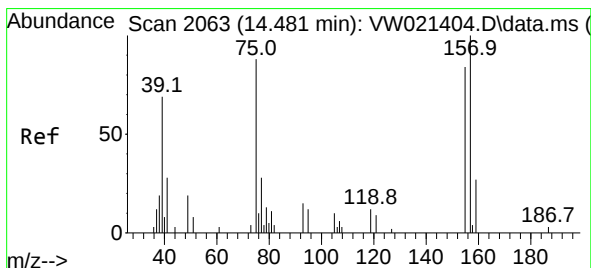
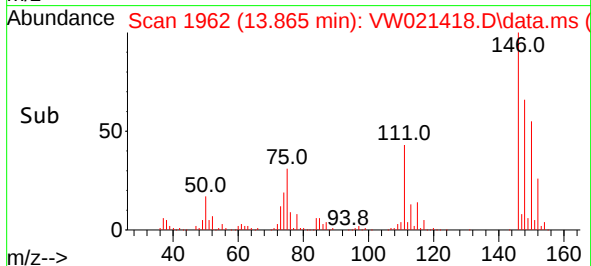
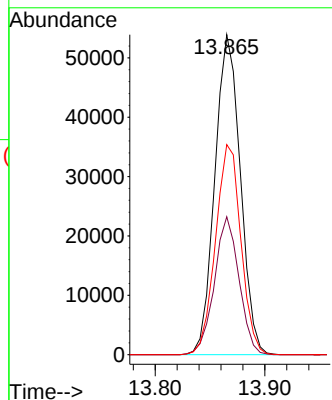
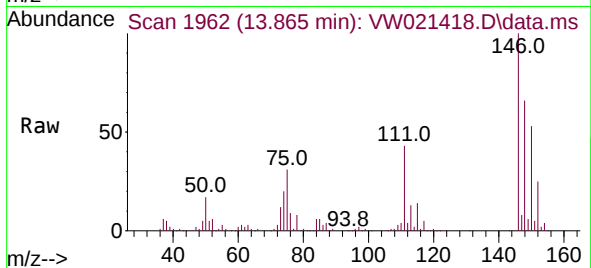
Tgt Ion:146 Resp: 87143

Ion Ratio Lower Upper

146 100

111 43.1 33.1 49.7

148 65.7 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 29.241 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

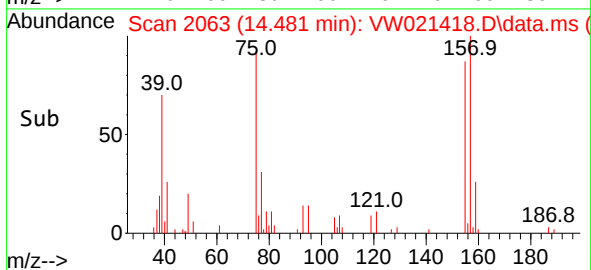
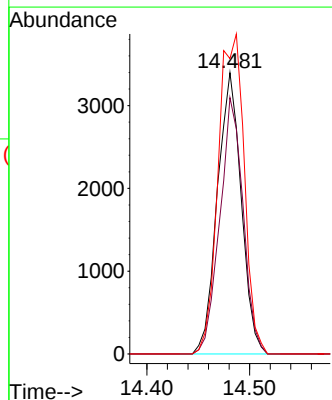
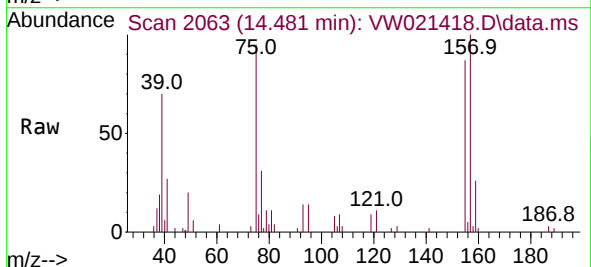
Tgt Ion: 75 Resp: 5472

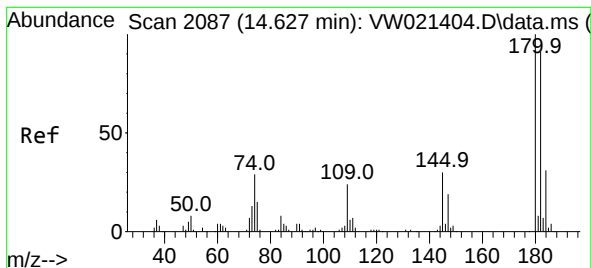
Ion Ratio Lower Upper

75 100

155 91.1 54.2 81.2#

157 105.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 23.530 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

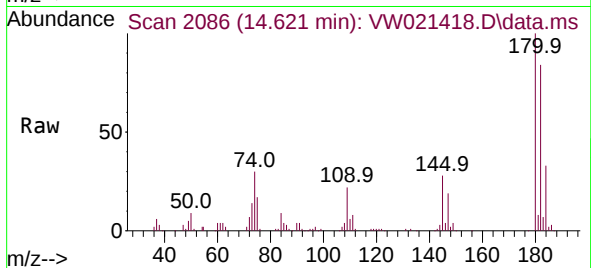
Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 70266

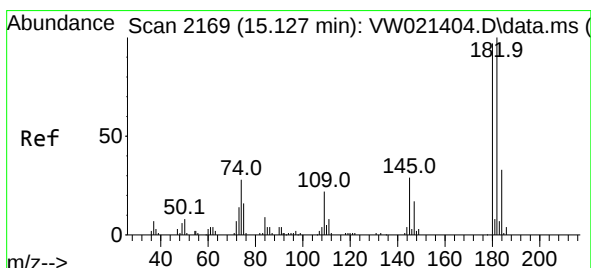
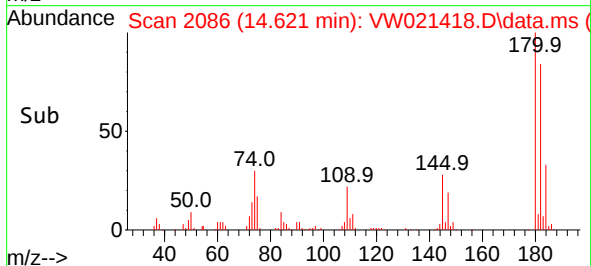
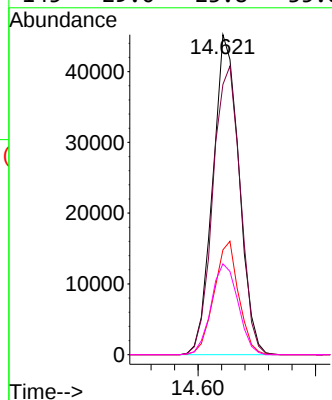
Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.0

184 33.1 23.8 35.8

145 29.0 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.809 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021418.D

Acq: 16 Dec 2021 18:17

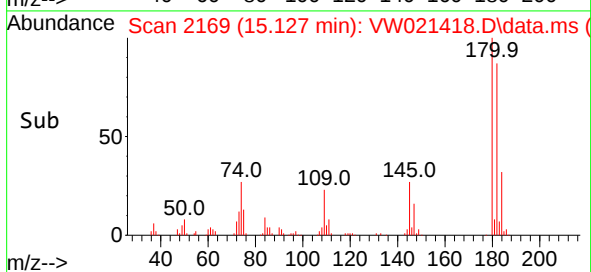
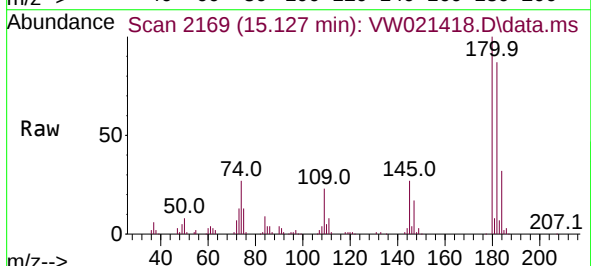
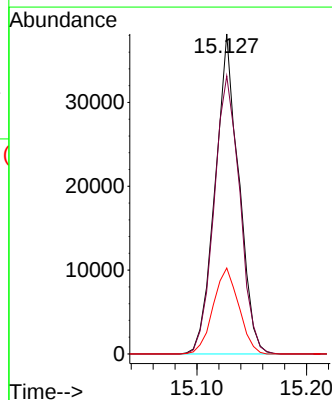
Tgt Ion:180 Resp: 57186

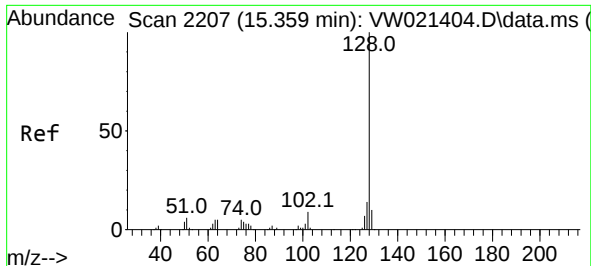
Ion Ratio Lower Upper

180 100

182 94.3 79.0 118.6

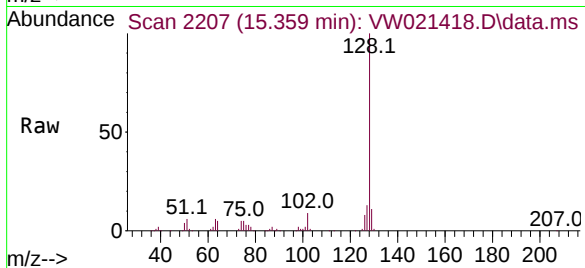
145 29.1 26.0 39.0



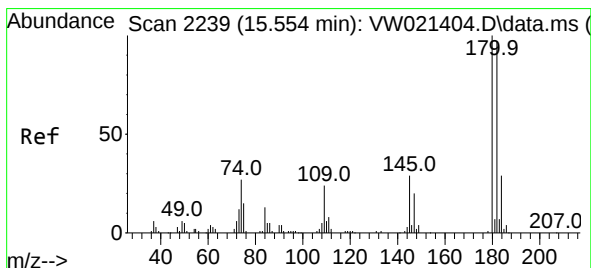
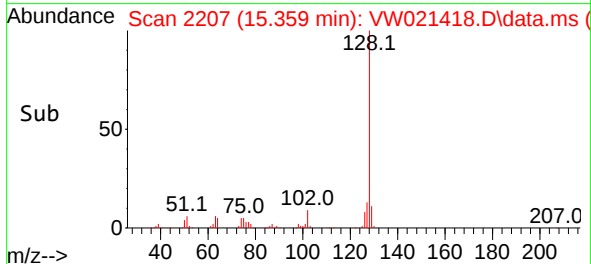
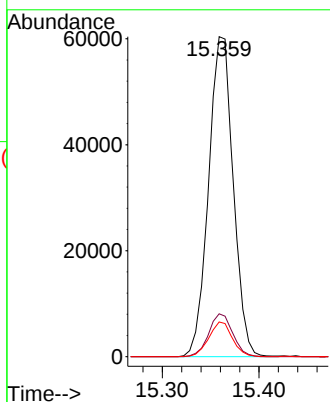


#71
Naphthalene
Concen: 27.430 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 107039
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 25.921 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021418.D
Acq: 16 Dec 2021 18:17

Tgt Ion:180 Resp: 51454
Ion Ratio Lower Upper
180 100
182 91.2 76.6 114.8
145 29.4 27.4 41.0

