

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021248.D
 Acq On : 09 Dec 2021 17:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 00:20:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 17:38:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	108565	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	107300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	63517	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	49643	25.107	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.440%			
7) Chloroethane-d5	2.879	69	31951	24.444	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.760%			
11) 1,1-Dichloroethene-d2	4.019	63	62873	23.851	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.400%			
21) 2-Butanone-d5	7.080	46	14405	51.684	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.360%			
24) Chloroform-d	7.647	84	70796	23.400	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.600%			
26) 1,2-Dichloroethane-d4	8.305	65	38514	23.932	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.720%			
32) Benzene-d6	8.275	84	137443	23.369	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.480%			
36) 1,2-Dichloropropane-d6	9.275	67	37192	23.579	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.320%			
41) Toluene-d8	10.323	98	143073	23.808	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.240%			
43) trans-1,3-Dichloroprop...	10.579	79	18200	25.059	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.240%			
47) 2-Hexanone-d5	10.921	63	12454	53.394	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.780%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	35970	26.528	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.120%			
66) 1,2-Dichlorobenzene-d4	13.853	152	59316	24.096	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	10948	26.100	ug/L	99
3) Chloromethane	2.215	50	34011	24.491	ug/L	98
5) Vinyl chloride	2.361	62	53274	24.437	ug/L	95
6) Bromomethane	2.776	94	33124	23.425	ug/L	95
8) Chloroethane	2.916	64	24363	24.257	ug/L	100
9) Trichlorofluoromethane	3.257	101	26261	22.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	36117	24.092	ug/L	93
12) 1,1-Dichloroethene	4.038	96	32232	23.952	ug/L	83
13) Acetone	4.123	43	11114	44.481	ug/L	95
14) Carbon disulfide	4.385	76	87544	25.191	ug/L	99
15) Methyl Acetate	4.672	43	11559	26.812	ug/L	# 86
16) Methylene chloride	4.916	84	37579	20.949	ug/L	83
17) trans-1,2-Dichloroethene	5.422	96	36145	24.807	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	53247	26.460	ug/L	94
19) 1,1-Dichloroethane	6.214	63	56683	24.791	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	38091	24.785	ug/L	74
22) 2-Butanone	7.171	43	16595	50.858	ug/L	87
23) Bromochloromethane	7.519	128	18218	25.352	ug/L	# 62
25) Chloroform	7.677	83	65904	24.830	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021248.D
 Acq On : 09 Dec 2021 17:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 00:20:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 17:38:44 2021
 Response via : Initial Calibration

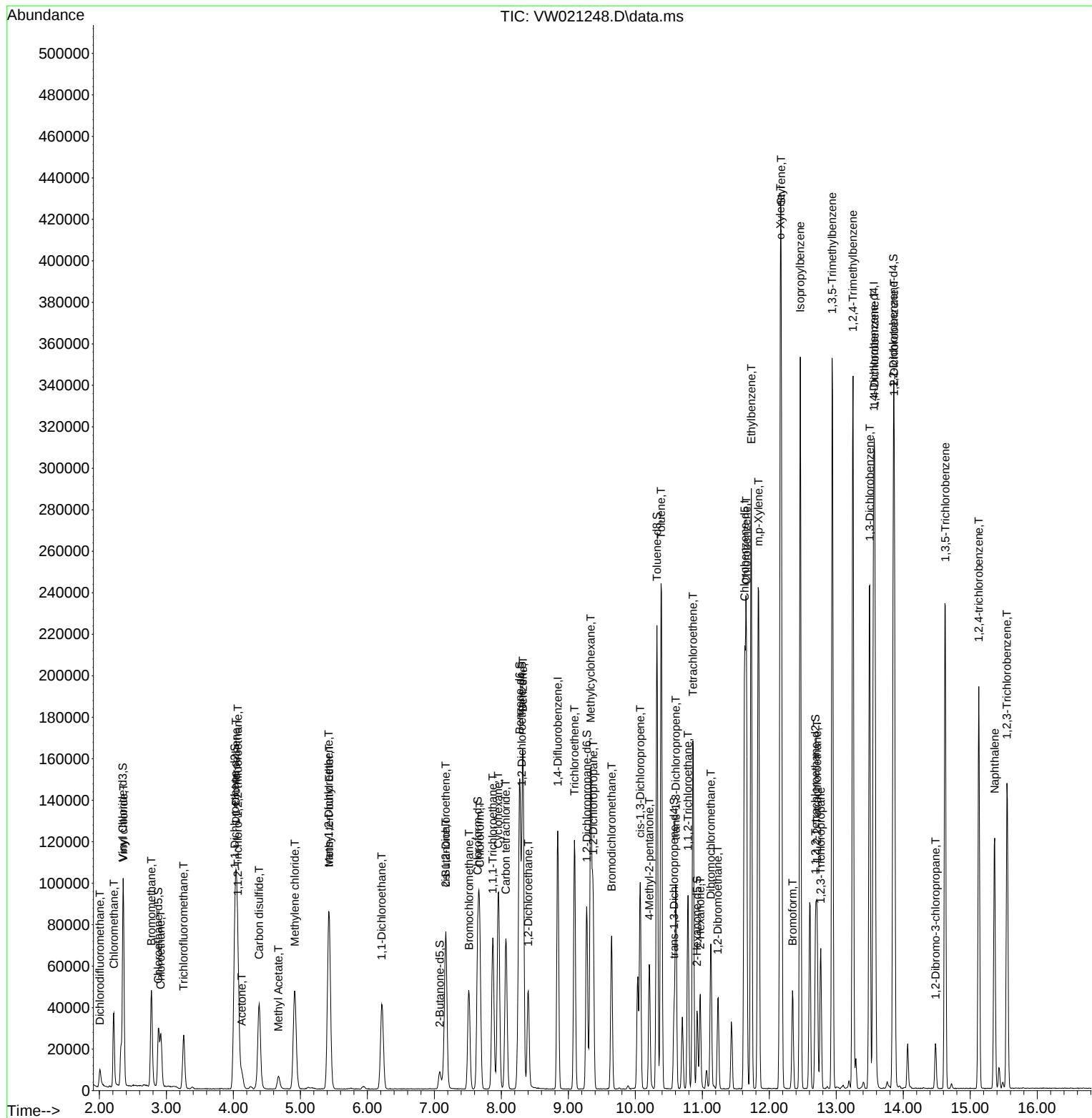
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	42729	25.421	ug/L	96
29) Cyclohexane	7.952	56	49955	23.390	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	57886	24.044	ug/L	95
31) Carbon tetrachloride	8.068	117	54918	24.728	ug/L	100
33) Benzene	8.324	78	139977	23.947	ug/L	100
34) Trichloroethene	9.092	95	39162	23.867	ug/L	94
35) Methylcyclohexane	9.336	83	64033	23.658	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	31849	24.428	ug/L #	95
38) Bromodichloromethane	9.646	83	45588	25.431	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	53279	25.923	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	37422	52.676	ug/L #	93
42) Toluene	10.384	91	174253	25.490	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	49306	27.390	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	28032	26.268	ug/L	94
46) Tetrachloroethene	10.860	164	38849	24.924	ug/L	97
48) 2-Hexanone	10.969	43	28005	54.359	ug/L #	93
49) Dibromochloromethane	11.128	129	35705	27.141	ug/L	85
50) 1,2-Dibromoethane	11.232	107	28382	26.725	ug/L	99
51) Chlorobenzene	11.658	112	117923	25.765	ug/L	89
52) Ethylbenzene	11.731	91	201111	25.744	ug/L	96
53) m,p-Xylene	11.841	106	81027	25.711	ug/L	86
54) o-Xylene	12.164	106	78023	26.087	ug/L	97
55) Styrene	12.177	104	134120	26.349	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	35143	28.728	ug/L #	99
59) Bromoform	12.347	173	20884	27.633	ug/L	98
60) Isopropylbenzene	12.463	105	218363	25.301	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	25418	27.496	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.939	105	184042	25.059	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	184154	25.418	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	103629	25.456	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	102024	25.225	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	89330	24.925	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5171	27.119	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	72911	23.963	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	59246	24.209	ug/L	98
71) Naphthalene	15.365	128	103754	26.095	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	50114	24.778	ug/L	98

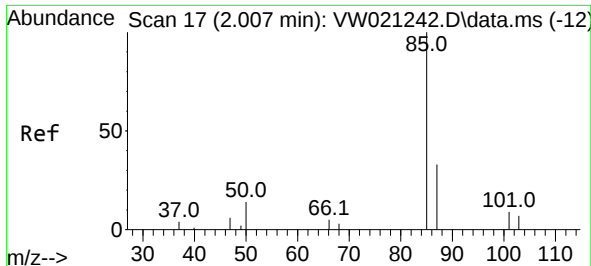
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021248.D
 Acq On : 09 Dec 2021 17:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 00:20:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 17:38:44 2021
 Response via : Initial Calibration

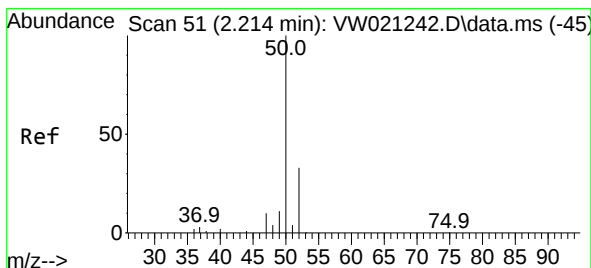
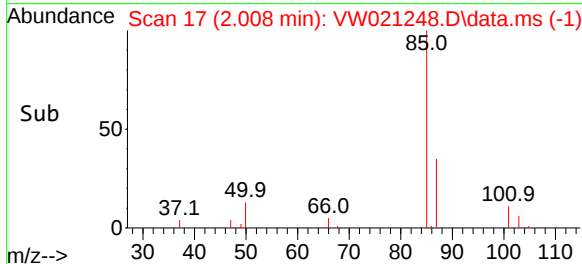
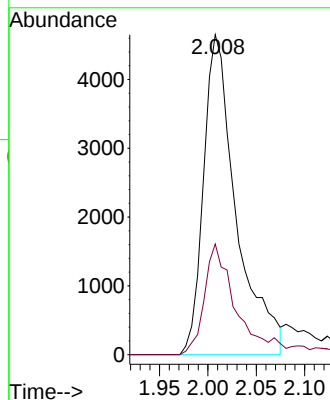
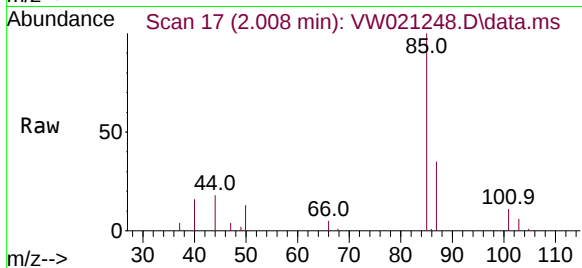




#2
 Dichlorodifluoromethane
 Concen: 26.100 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW021248.D
 Acq: 09 Dec 2021 17:24

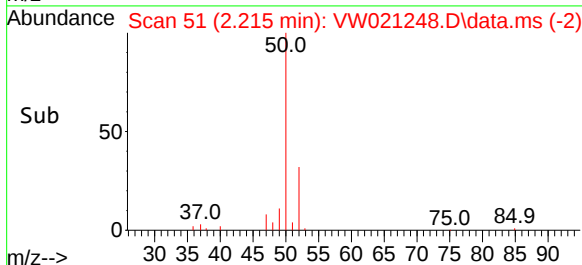
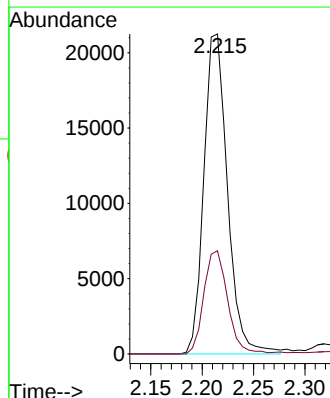
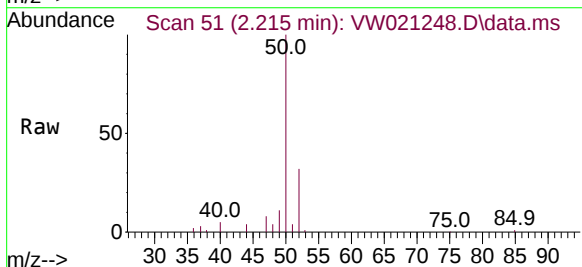
Instrument :
 MSVOA_W
 ClientSampleId :

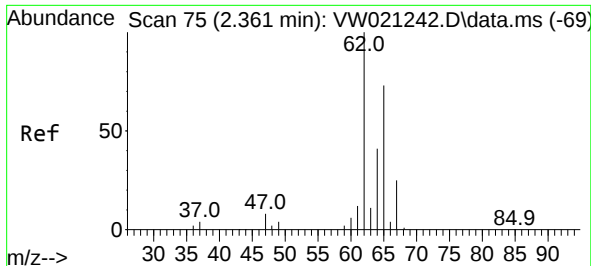
Tgt Ion: 85 Resp: 10948
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.6



#3
 Chloromethane
 Concen: 24.491 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021248.D
 Acq: 09 Dec 2021 17:24

Tgt Ion: 50 Resp: 34011
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.6



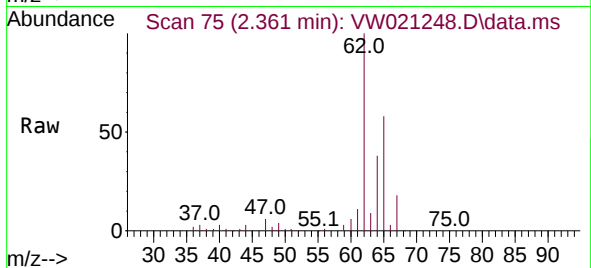


#5
 Vinyl chloride
 Concen: 24.437 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW021248.D
 Acq: 09 Dec 2021 17:24

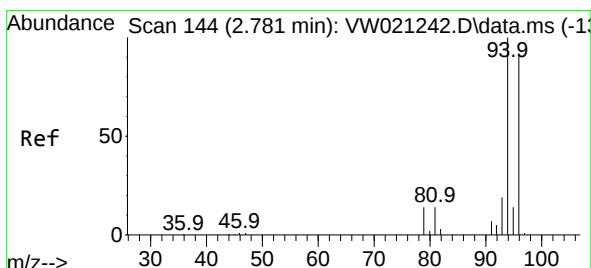
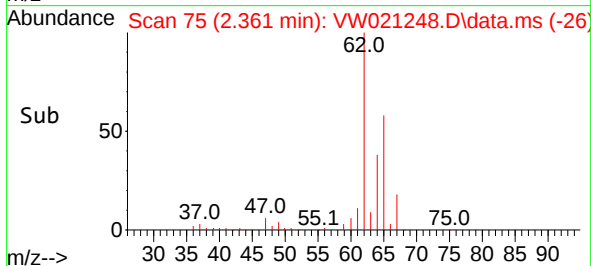
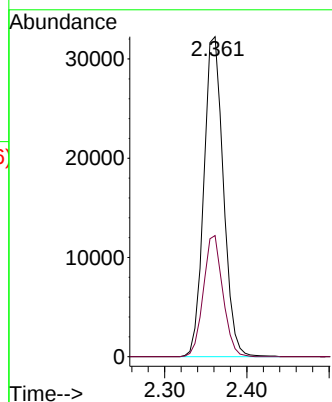
Instrument :

MSVOA_W

ClientSampleId :

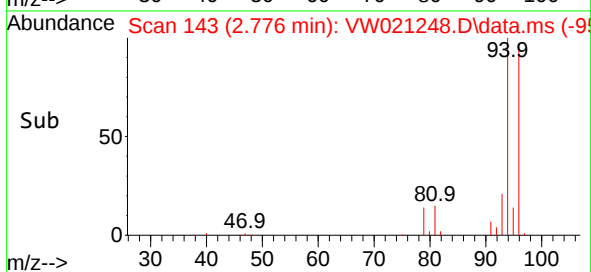
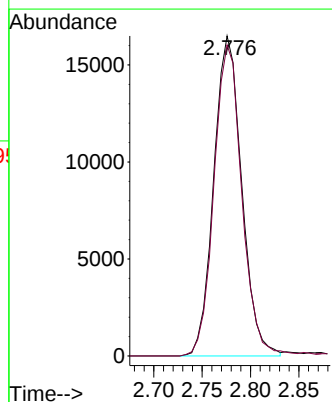
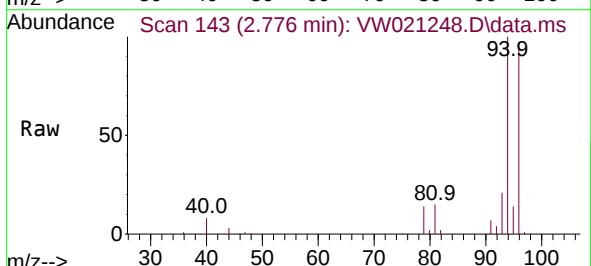


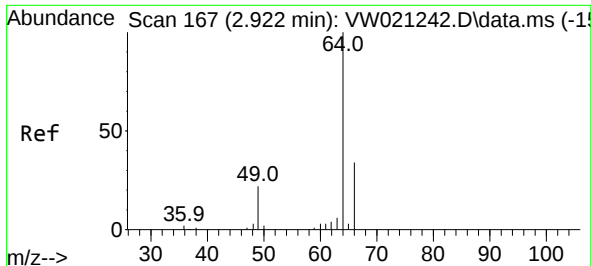
Tgt Ion: 62 Resp: 53274
 Ion Ratio Lower Upper
 62 100
 64 37.9 24.4 45.2



#6
 Bromomethane
 Concen: 23.425 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021248.D
 Acq: 09 Dec 2021 17:24

Tgt Ion: 94 Resp: 33124
 Ion Ratio Lower Upper
 94 100
 96 97.2 64.8 120.4

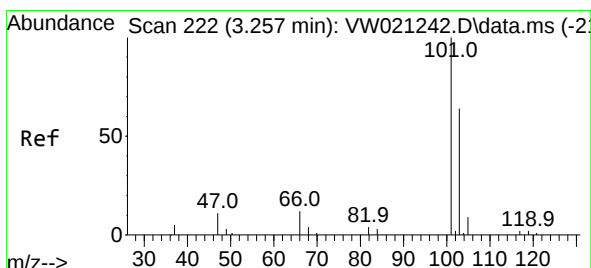
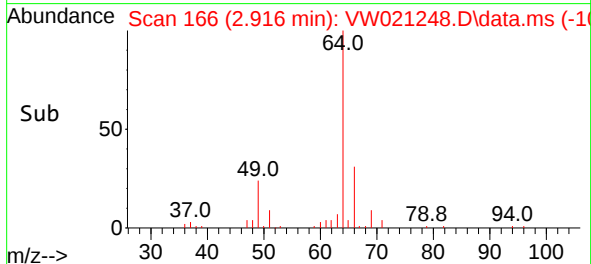
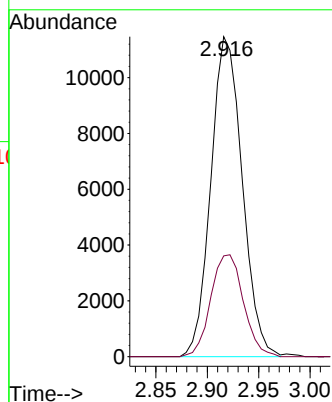
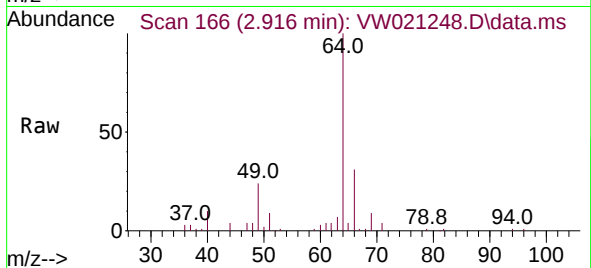




#8
Chloroethane
Concen: 24.257 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

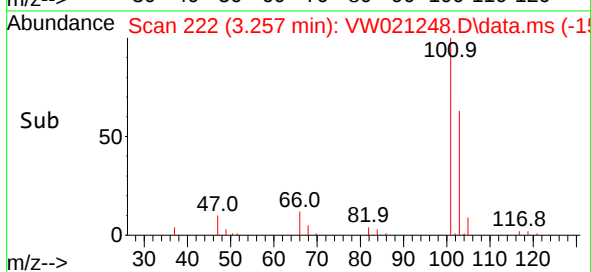
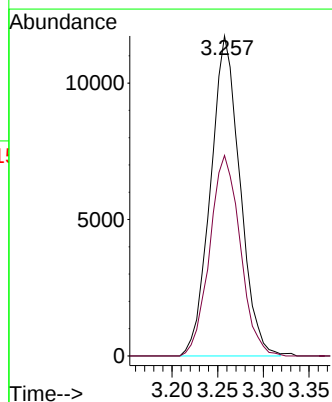
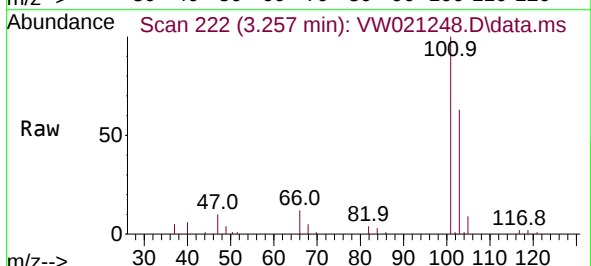
Instrument :
MSVOA_W
ClientSampleId :

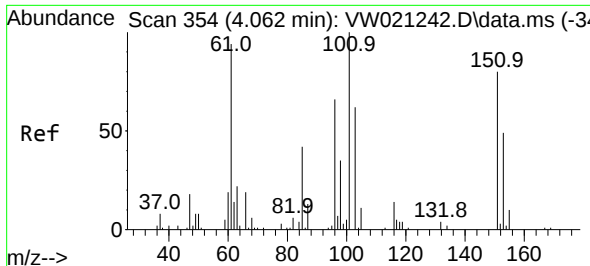
Tgt Ion: 64 Resp: 24363
Ion Ratio Lower Upper
64 100
66 31.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.830 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion:101 Resp: 26261
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

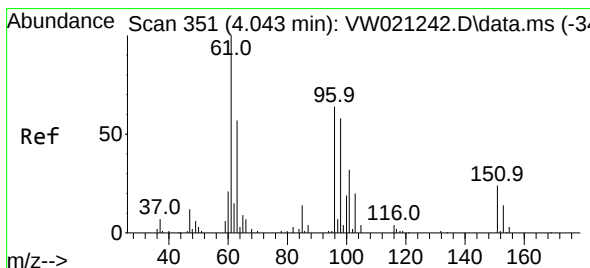
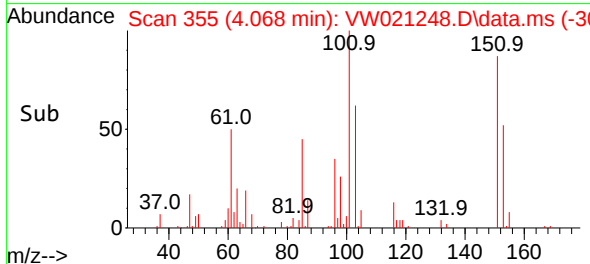
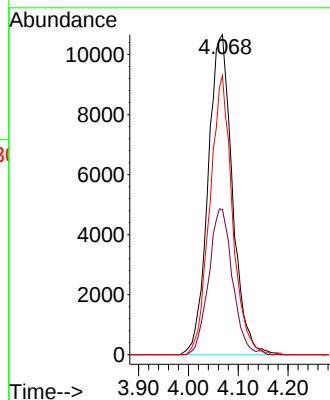
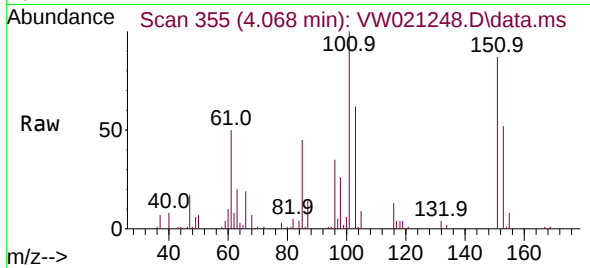




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.092 ug/L
 RT: 4.068 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW021248.D
 Acq: 09 Dec 2021 17:24

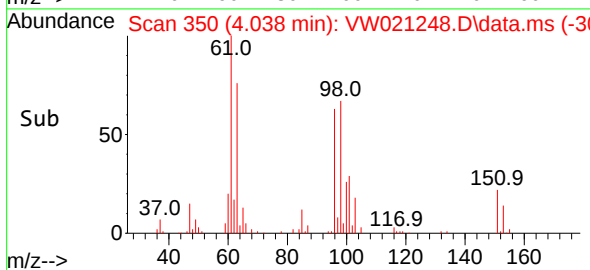
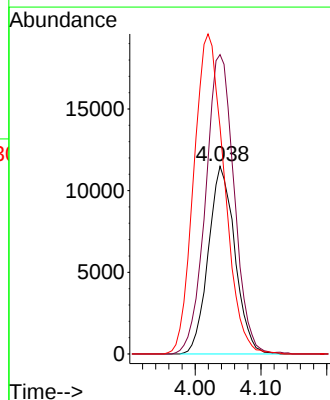
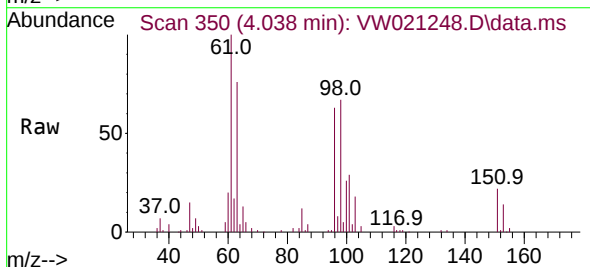
Instrument :
 MSVOA_W
 ClientSampleId :

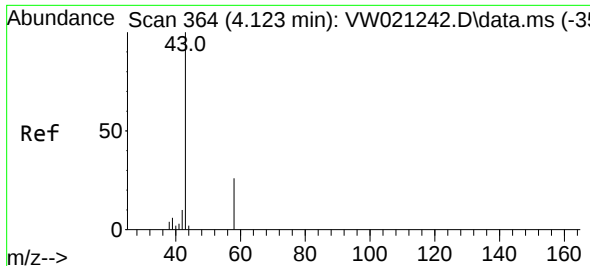
Tgt Ion:101 Resp: 36117
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.6 54.8
 151 80.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.952 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021248.D
 Acq: 09 Dec 2021 17:24

Tgt Ion: 96 Resp: 32232
 Ion Ratio Lower Upper
 96 100
 61 159.5 138.3 256.9
 63 120.8 82.6 153.4

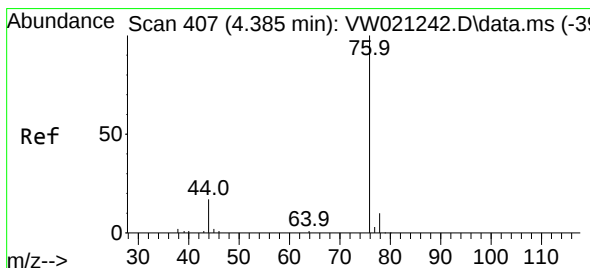
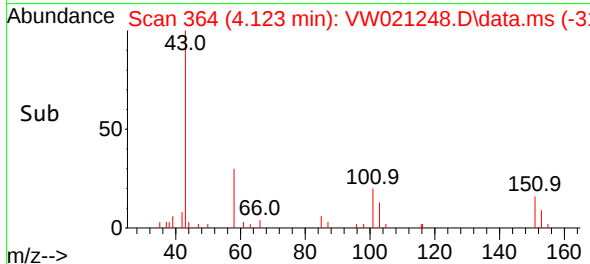
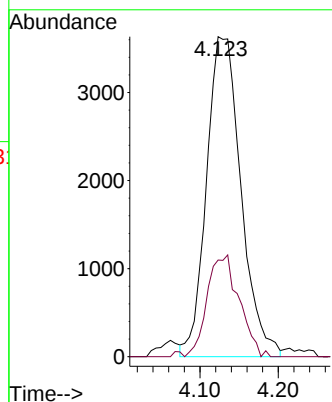
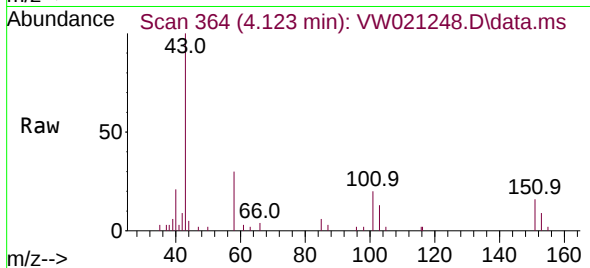




#13
Acetone
Concen: 44.481 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

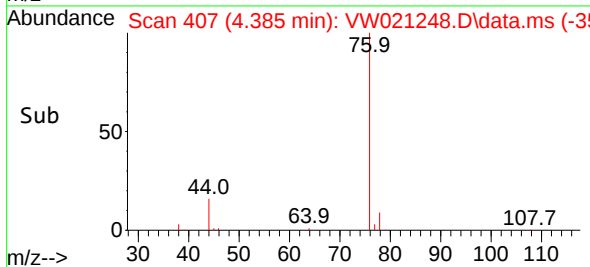
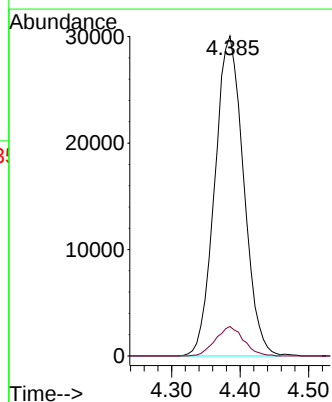
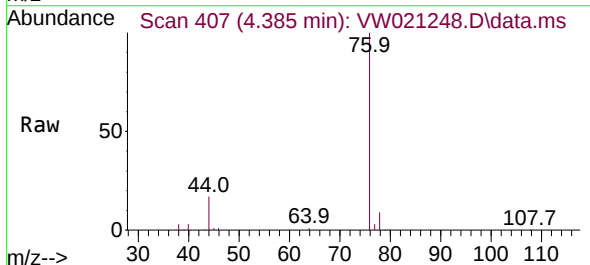
Instrument :
MSVOA_W
ClientSampleId :

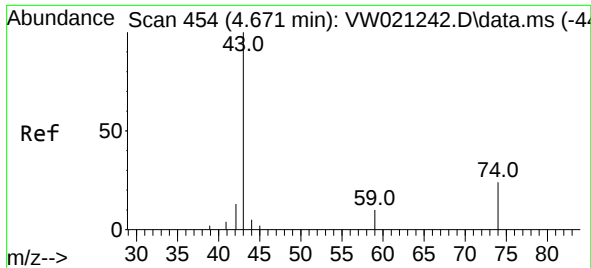
Tgt Ion: 43 Resp: 11114
Ion Ratio Lower Upper
43 100
58 29.2 0.0 52.8



#14
Carbon disulfide
Concen: 25.191 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion: 76 Resp: 87544
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

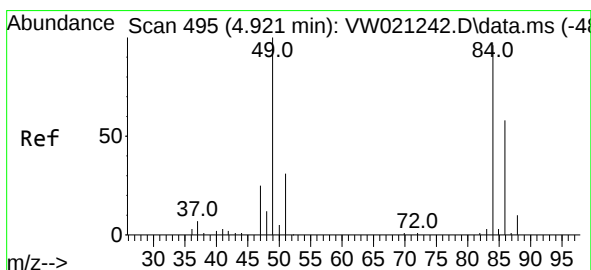
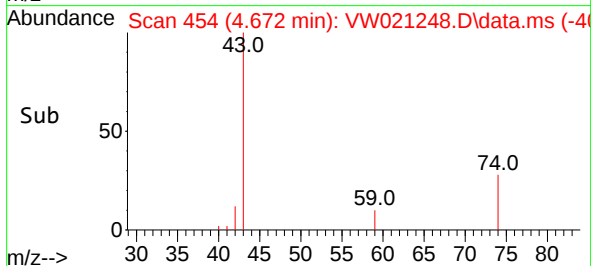
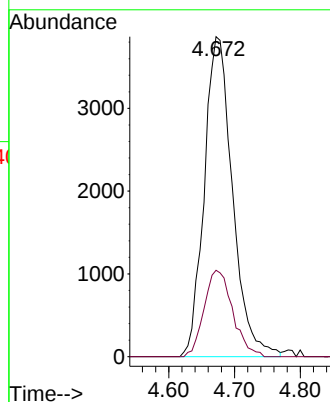
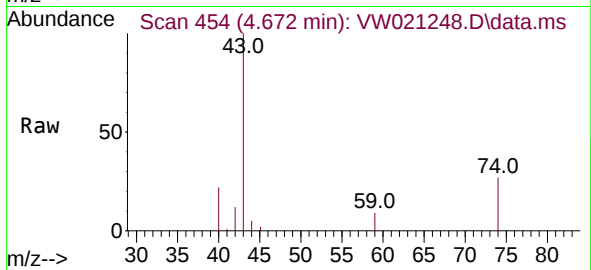




#15
Methyl Acetate
Concen: 26.812 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.001 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

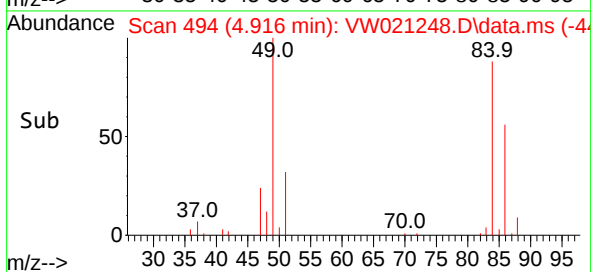
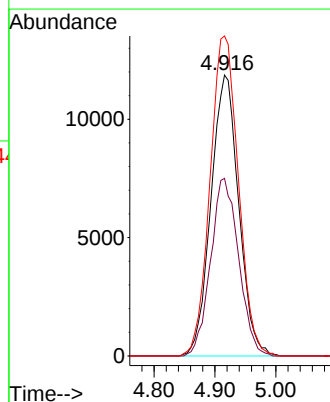
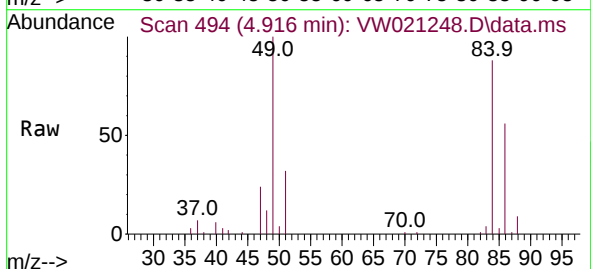
Instrument :
MSVOA_W
ClientSampleId :

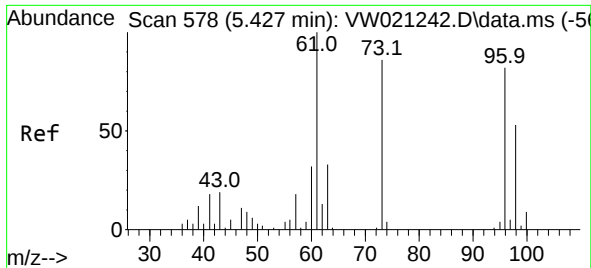
Tgt Ion: 43 Resp: 11559
Ion Ratio Lower Upper
43 100
74 27.2 16.4 24.6#



#16
Methylene chloride
Concen: 20.949 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.005 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

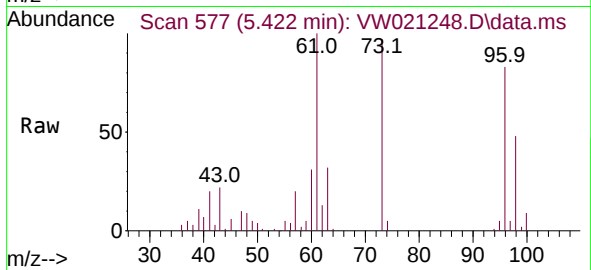
Tgt Ion: 84 Resp: 37579
Ion Ratio Lower Upper
84 100
86 63.2 45.5 84.5
49 113.9 100.5 186.7



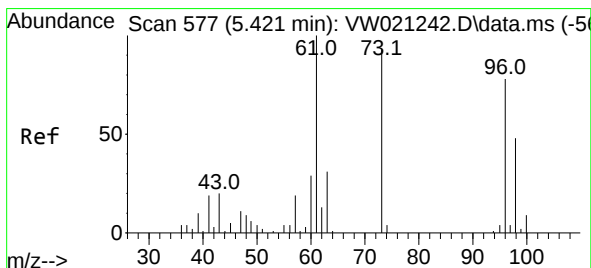
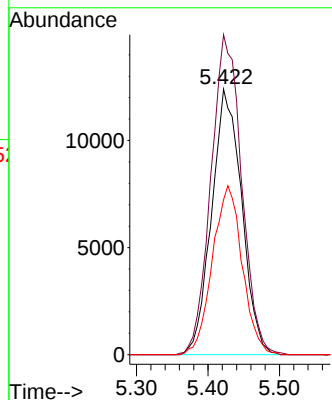
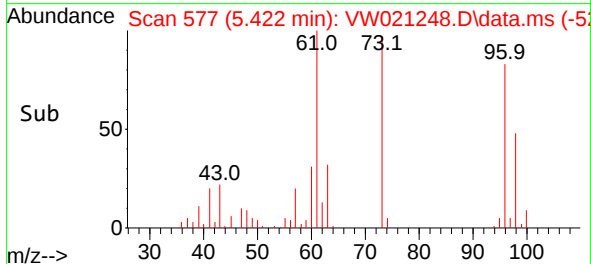


#17
trans-1,2-Dichloroethene
Concen: 24.807 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Instrument :
MSVOA_W
ClientSampleId :

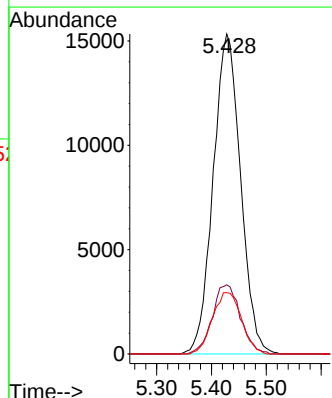
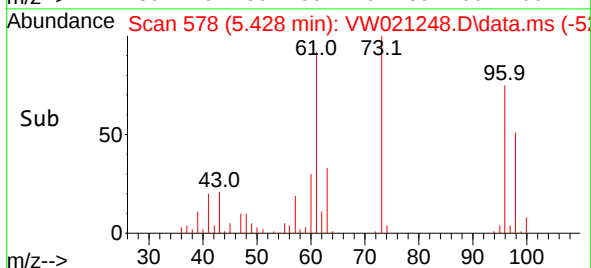
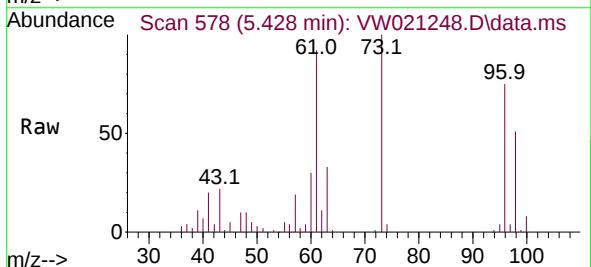


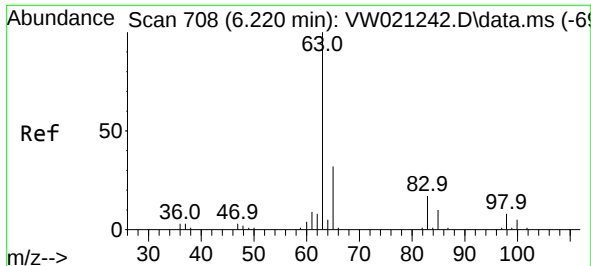
Tgt Ion: 96 Resp: 36145
Ion Ratio Lower Upper
96 100
61 120.5 107.4 199.4
98 58.3 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 26.460 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion: 73 Resp: 53247
Ion Ratio Lower Upper
73 100
43 22.2 19.5 29.3
57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.791 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021248.D

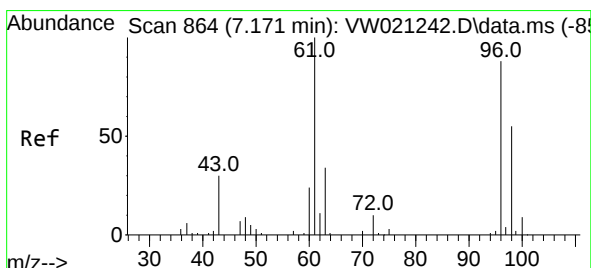
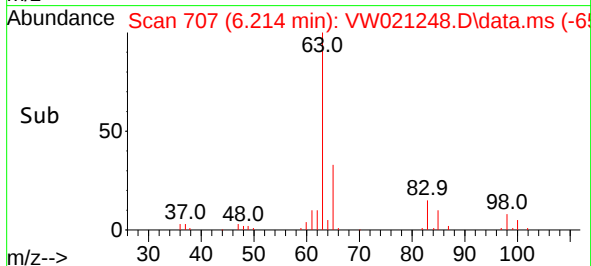
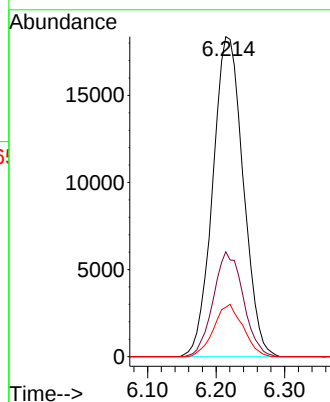
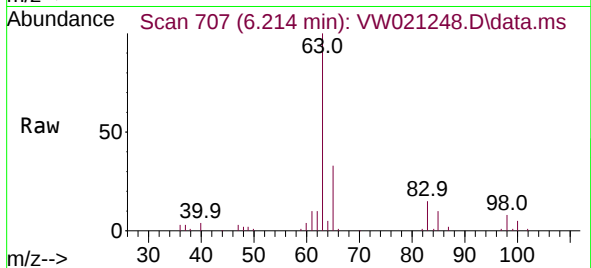
Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 56683		
Ion Ratio	Lower	Upper	
63	100		
65	32.8	22.1	41.1
83	15.5	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.785 ug/L

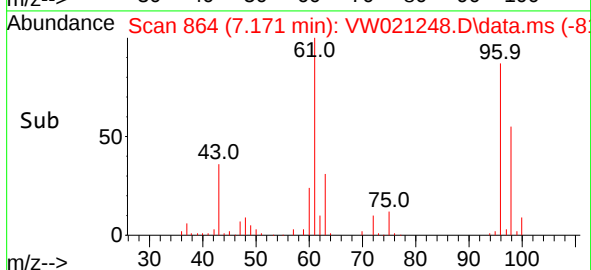
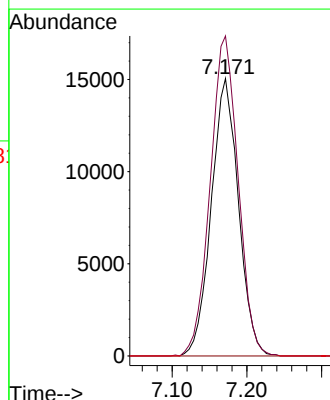
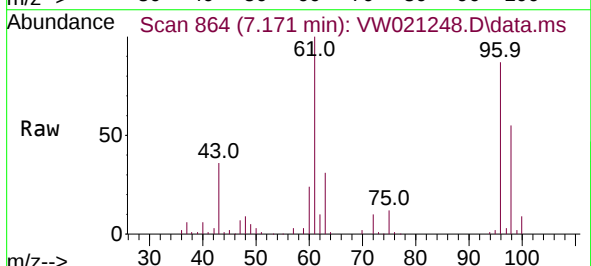
RT: 7.171 min Scan# 864

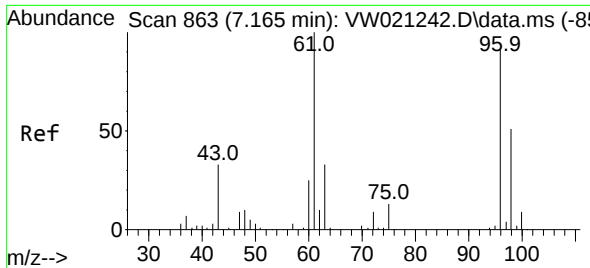
Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Tgt Ion: 96	Resp: 38091
Ion Ratio	Lower Upper
96 100	
61 115.3	103.7 192.7
68 0.0	0.0 0.0

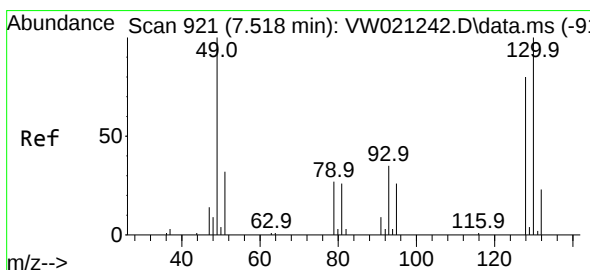
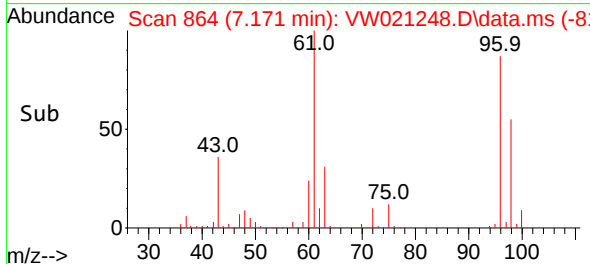
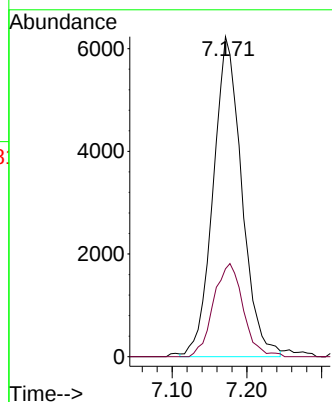
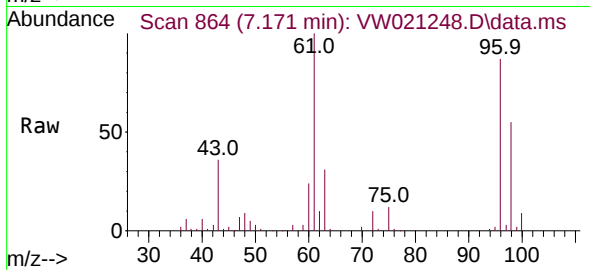




#22
2-Butanone
Concen: 50.858 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

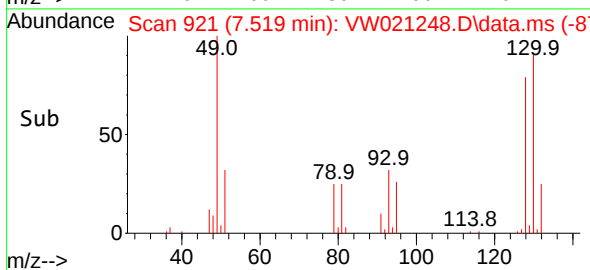
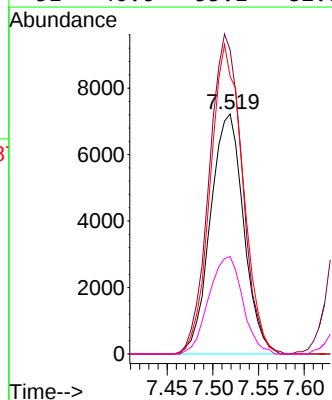
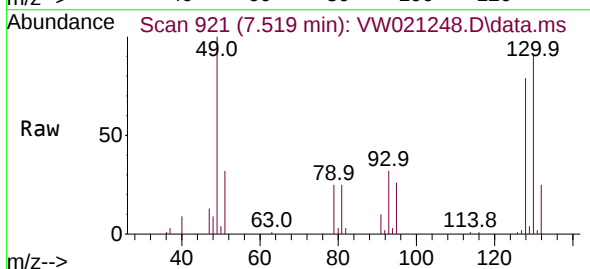
Instrument :
MSVOA_W
ClientSampleId :

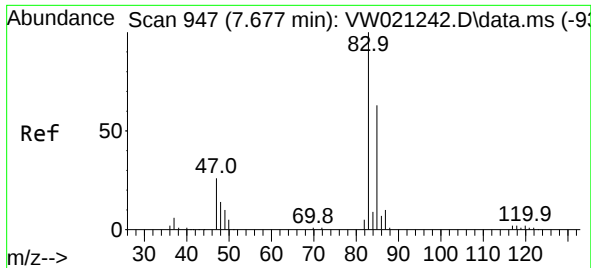
Tgt Ion: 43 Resp: 16595
Ion Ratio Lower Upper
43 100
72 29.7 11.8 35.4



#23
Bromochloromethane
Concen: 25.352 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion: 128 Resp: 18218
Ion Ratio Lower Upper
128 100
49 126.6 150.3 279.1#
130 115.6 88.3 163.9
51 40.6 55.1 82.7#

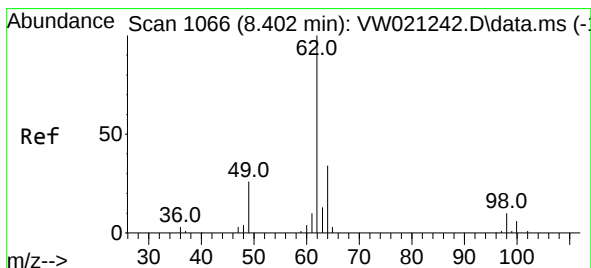
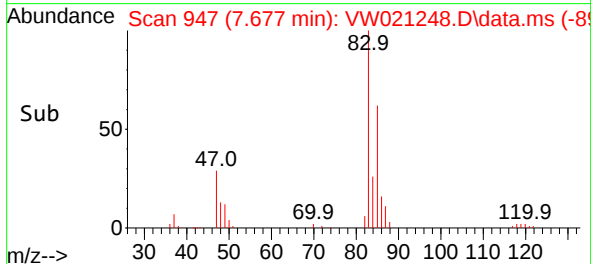
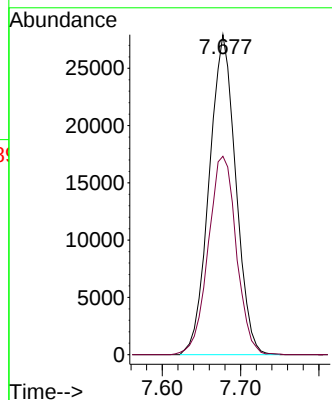
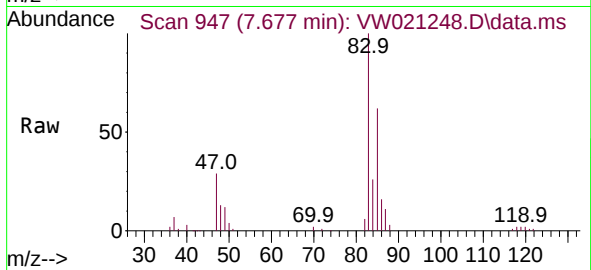




#25
Chloroform
Concen: 24.830 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

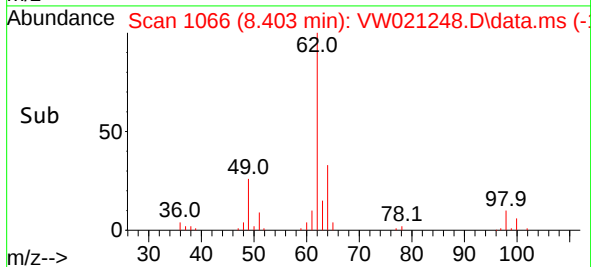
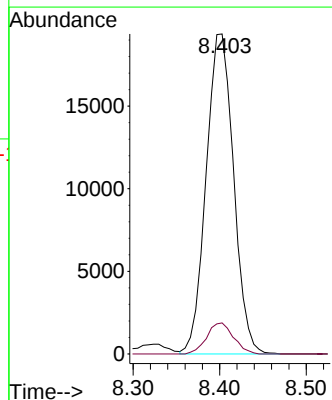
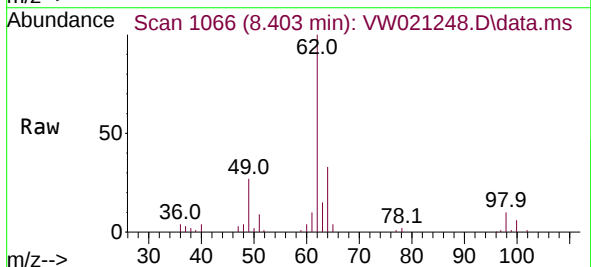
Instrument :
MSVOA_W
ClientSampleId :

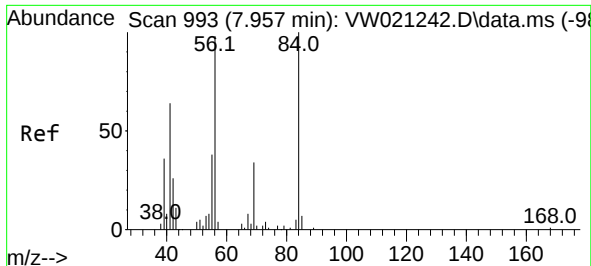
Tgt Ion: 83 Resp: 65904
Ion Ratio Lower Upper
83 100
85 62.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.421 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion: 62 Resp: 42729
Ion Ratio Lower Upper
62 100
98 9.7 6.5 9.7





#29

Cyclohexane

Concen: 23.390 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

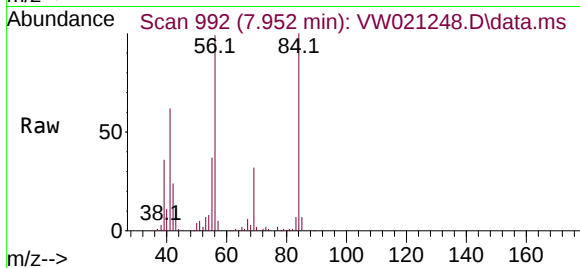
Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :



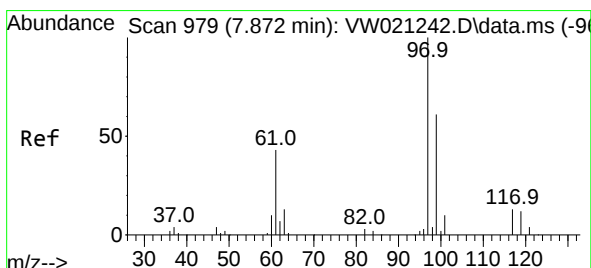
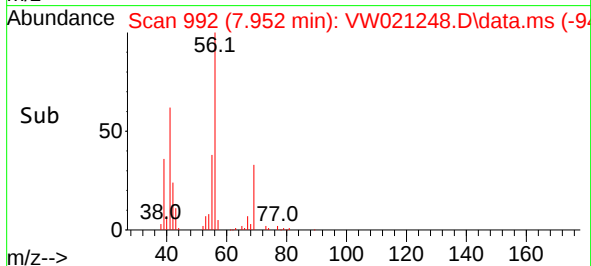
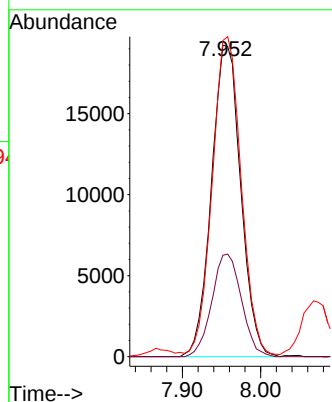
Tgt Ion: 56 Resp: 49955

Ion Ratio Lower Upper

56 100

69 33.2 23.5 35.3

84 101.6 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 24.044 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

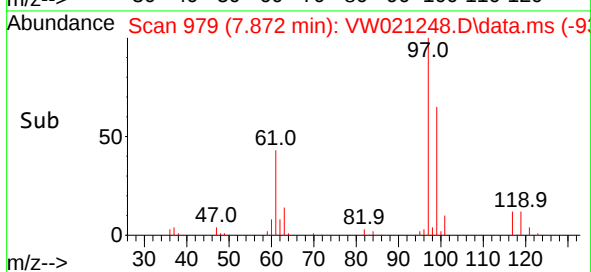
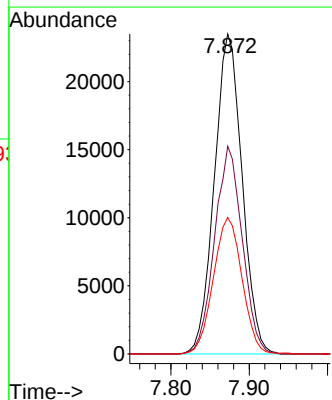
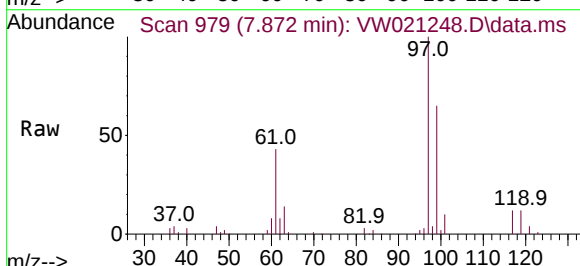
Tgt Ion: 97 Resp: 57886

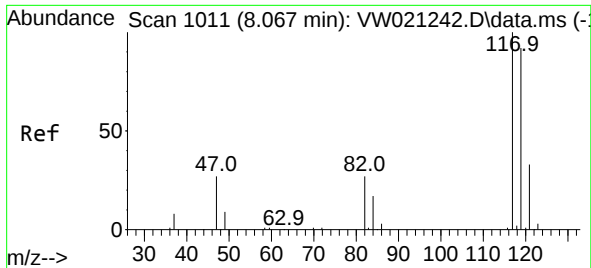
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

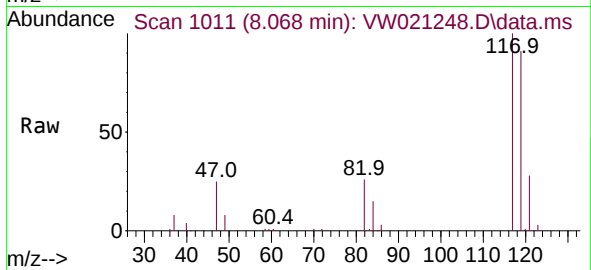
61 44.0 40.9 61.3



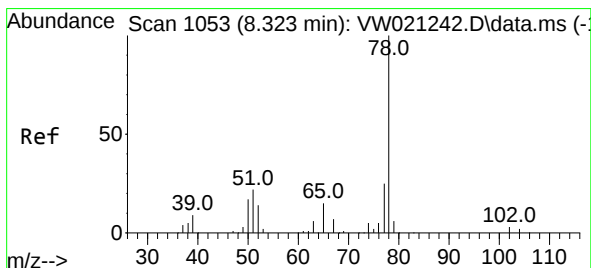
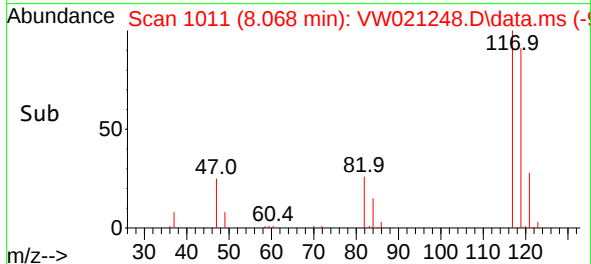
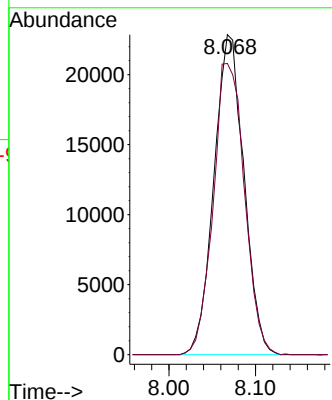


#31
Carbon tetrachloride
Concen: 24.728 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Instrument :
MSVOA_W
ClientSampleId :

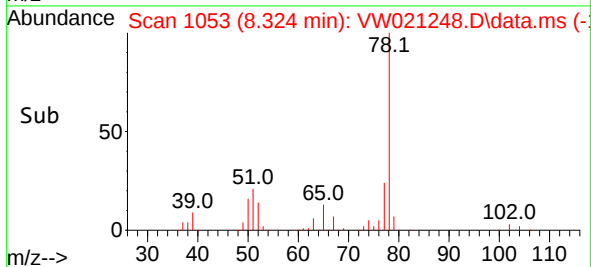
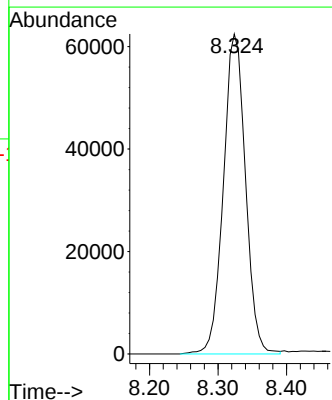
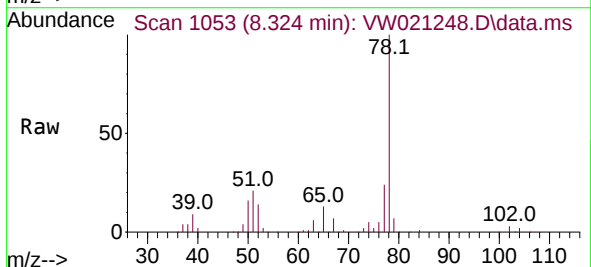


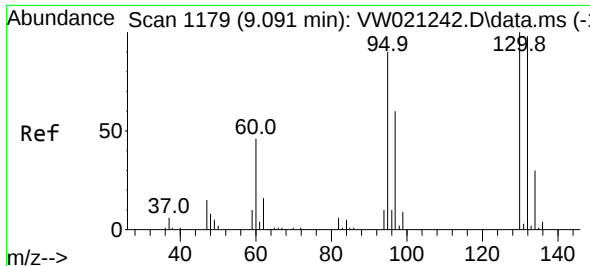
Tgt Ion:117 Resp: 54918
Ion Ratio Lower Upper
117 100
119 95.0 75.7 113.5



#33
Benzene
Concen: 23.947 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion: 78 Resp: 139977

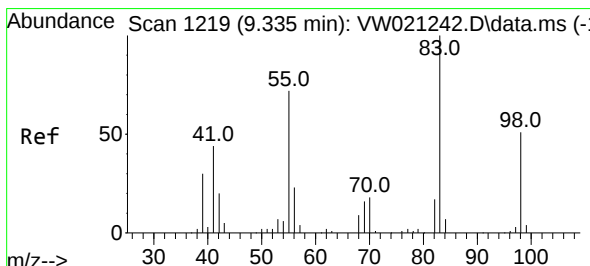
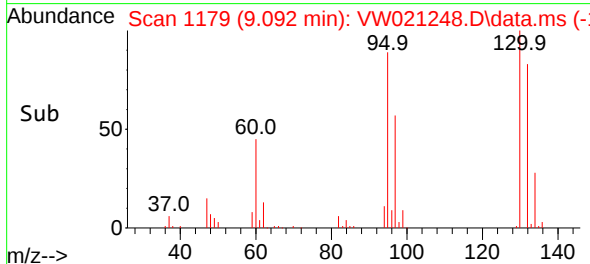
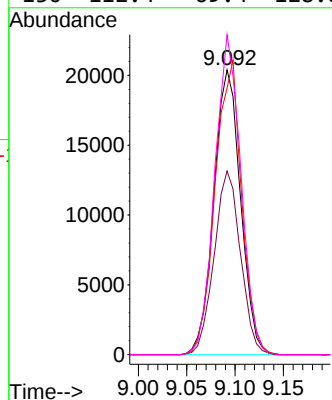
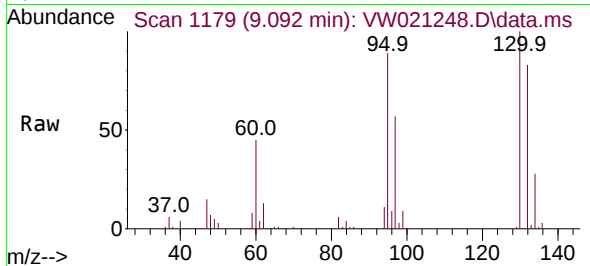




#34
Trichloroethene
Concen: 23.867 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

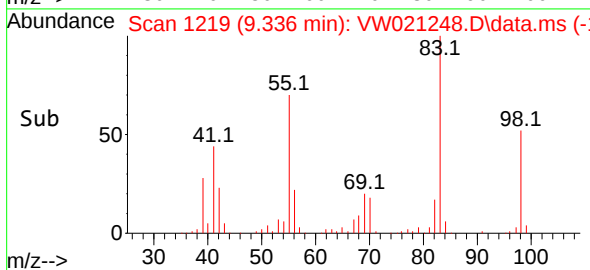
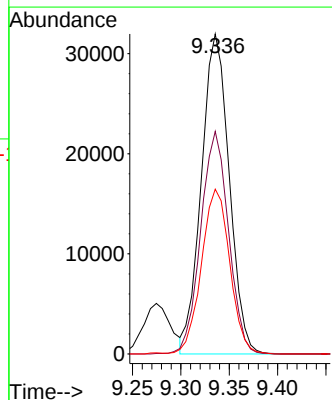
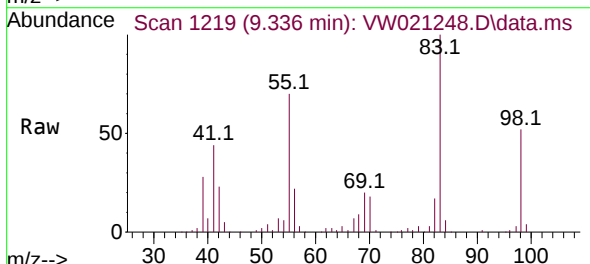
Instrument :
MSVOA_W
ClientSampleId :

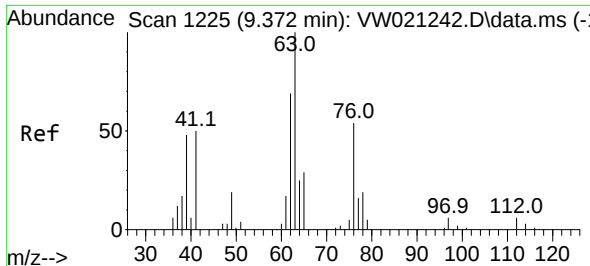
Tgt Ion: 95 Resp: 39162
Ion Ratio Lower Upper
95 100
97 64.5 47.0 87.2
132 93.6 65.5 121.6
130 112.4 69.4 128.8



#35
Methylcyclohexane
Concen: 23.658 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion: 83 Resp: 64033
Ion Ratio Lower Upper
83 100
55 69.4 70.8 106.2#
98 52.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.428 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

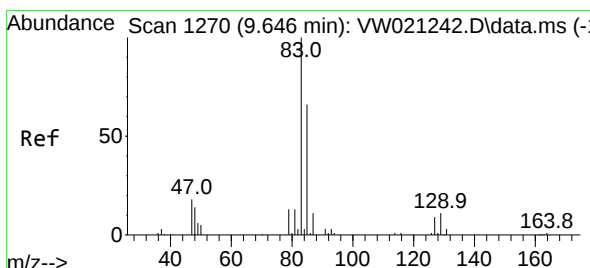
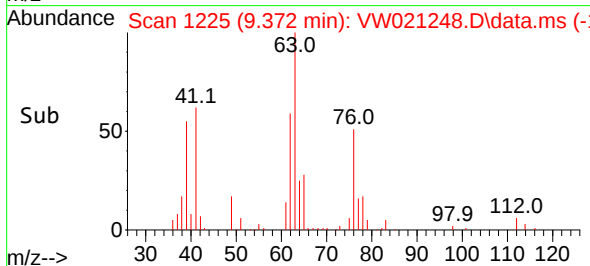
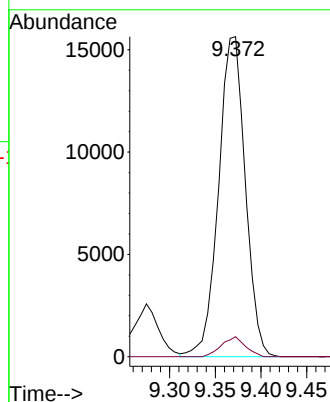
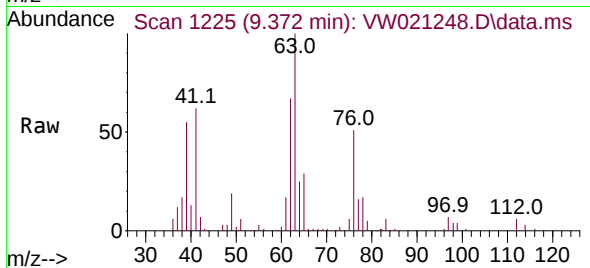
ClientSampleId :

Tgt Ion: 63 Resp: 31849

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.431 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

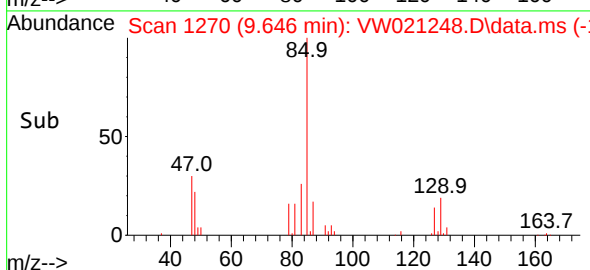
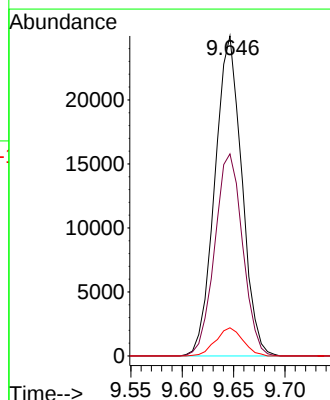
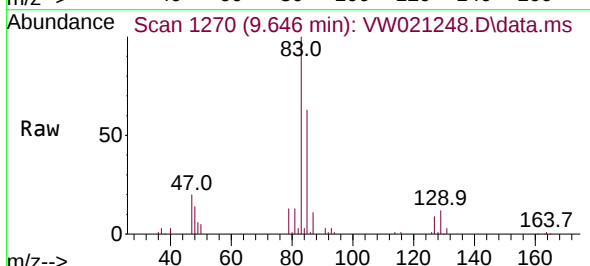
Tgt Ion: 83 Resp: 45588

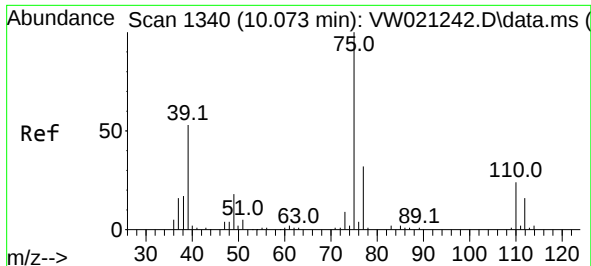
Ion Ratio Lower Upper

83 100

85 63.1 44.1 81.9

127 8.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.923 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

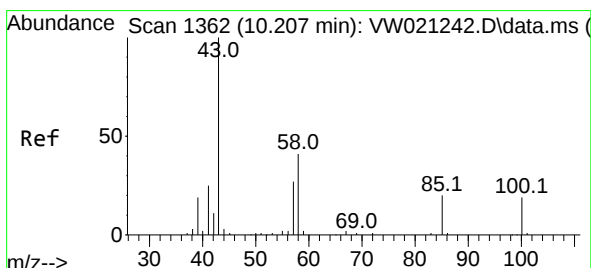
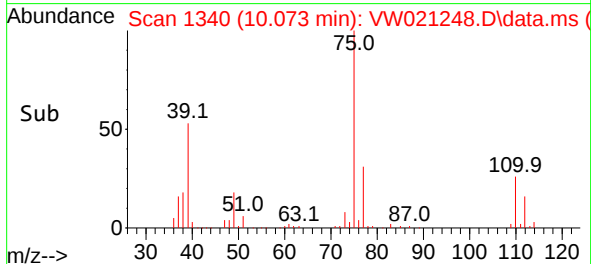
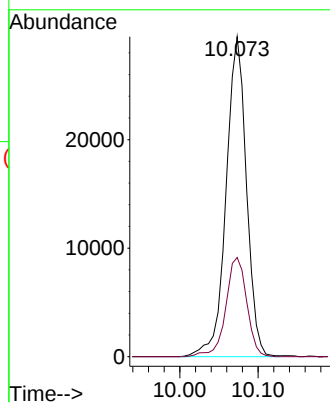
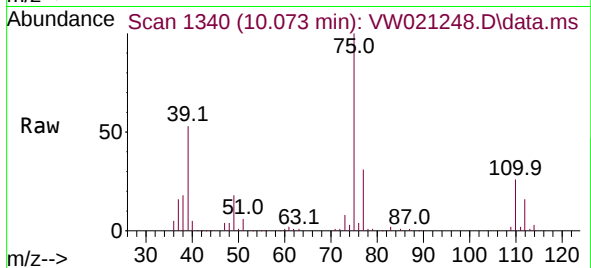
ClientSampleId :

Tgt Ion: 75 Resp: 53279

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 52.676 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

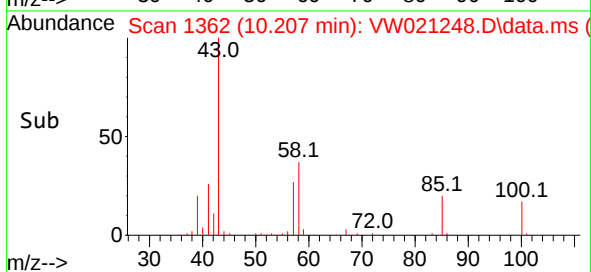
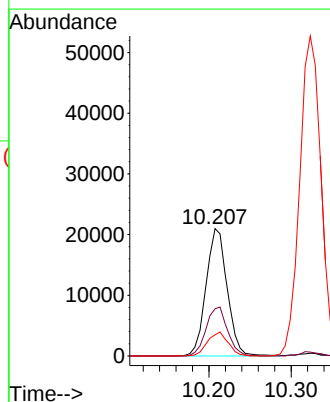
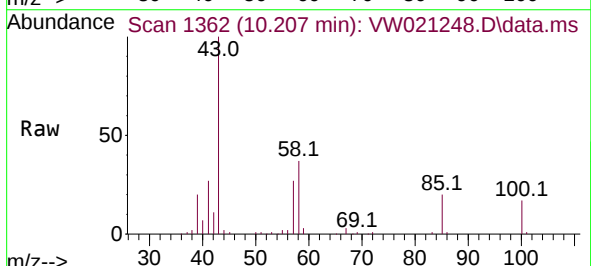
Tgt Ion: 43 Resp: 37422

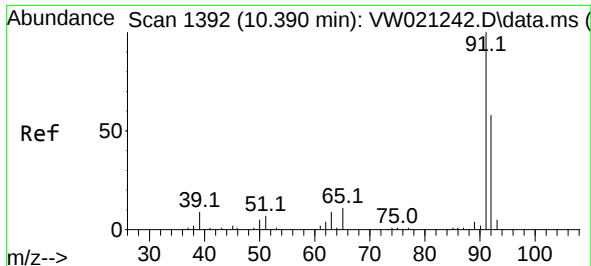
Ion Ratio Lower Upper

43 100

58 38.9 28.8 43.2

100 18.4 10.0 15.0#

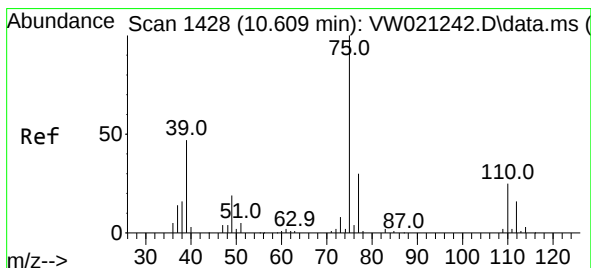
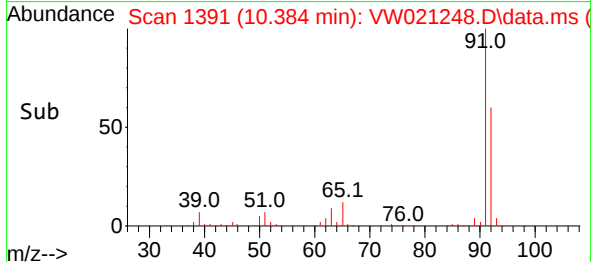
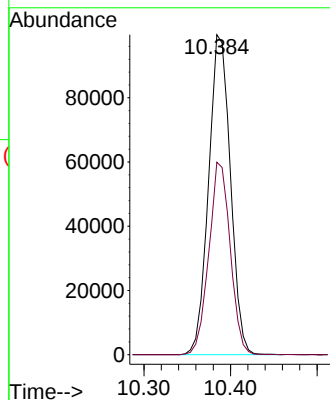
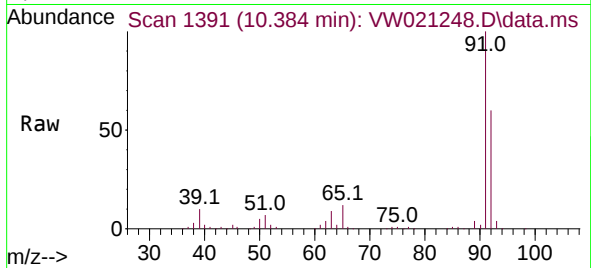




#42
Toluene
Concen: 25.490 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

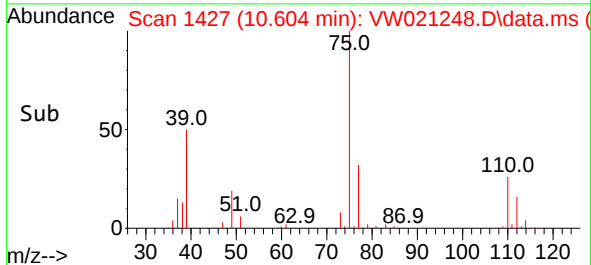
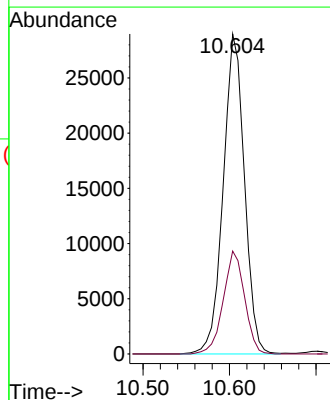
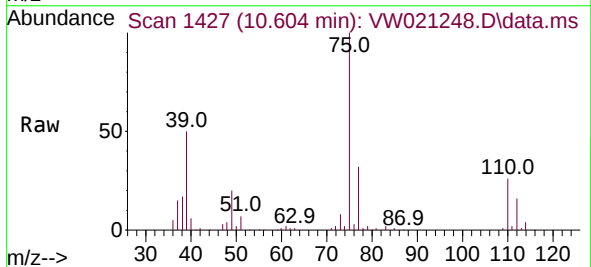
Instrument :
MSVOA_W
ClientSampleId :

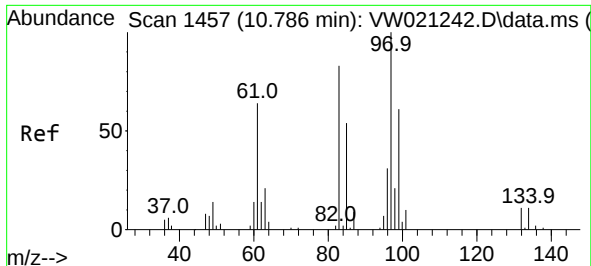
Tgt Ion: 91 Resp: 174253
Ion Ratio Lower Upper
91 100
92 60.1 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 27.390 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion: 75 Resp: 49306
Ion Ratio Lower Upper
75 100
77 32.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.268 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 28032

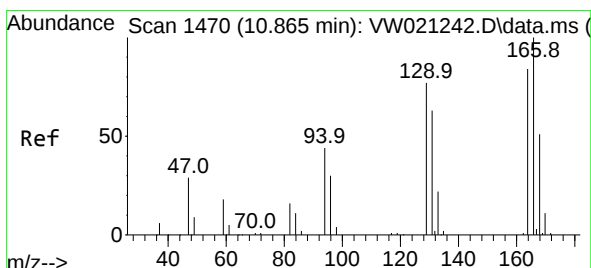
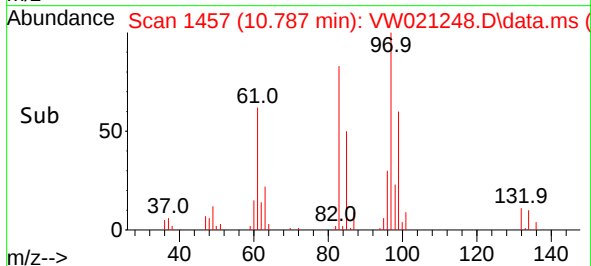
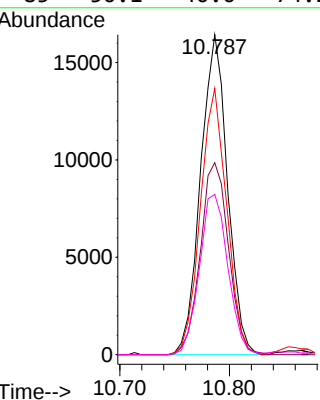
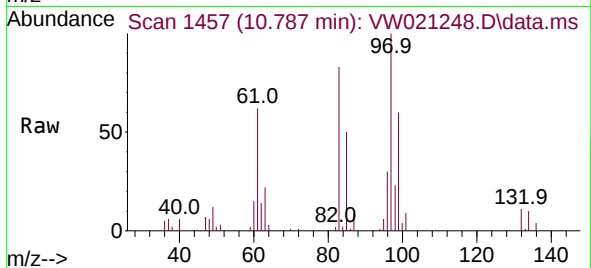
Ion Ratio Lower Upper

97 100

99 60.0 43.0 79.8

83 83.2 62.6 116.3

85 50.1 40.0 74.2



#46

Tetrachloroethene

Concen: 24.924 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Tgt Ion:164 Resp: 38849

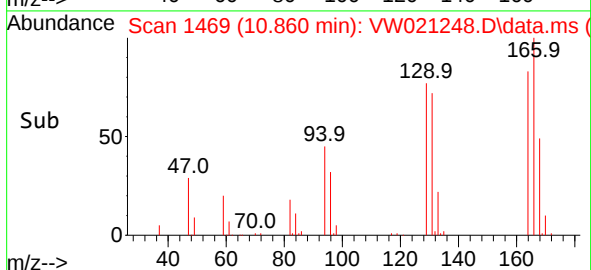
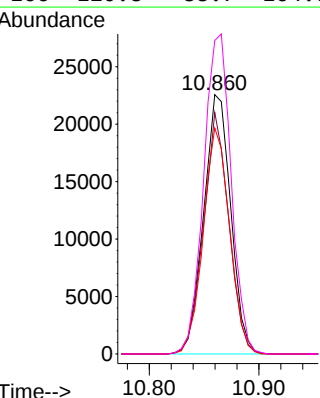
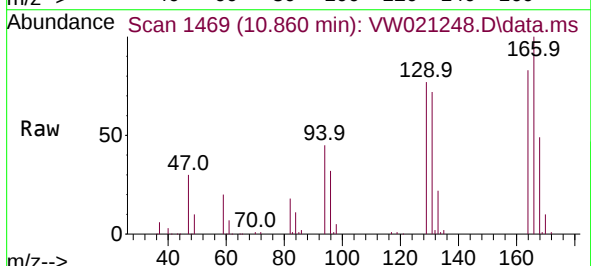
Ion Ratio Lower Upper

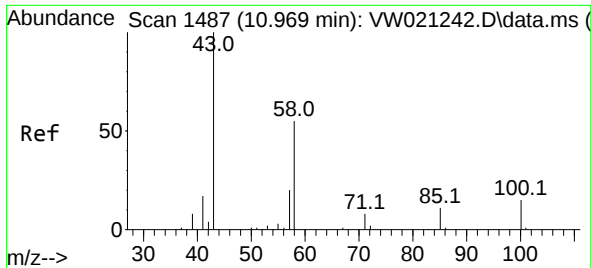
164 100

129 93.1 65.5 121.7

131 87.1 59.7 110.9

166 120.8 88.7 164.7

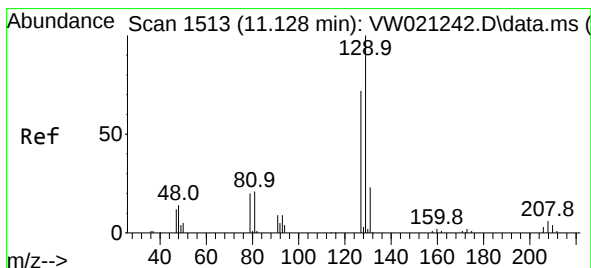
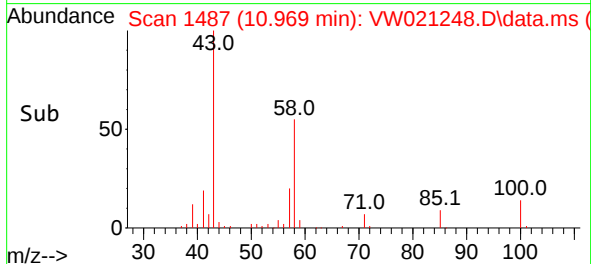
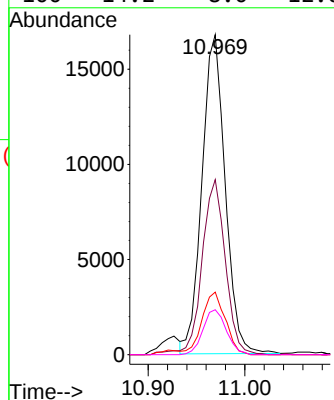
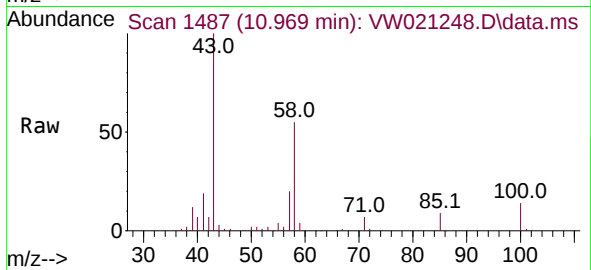




#48
2-Hexanone
Concen: 54.359 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

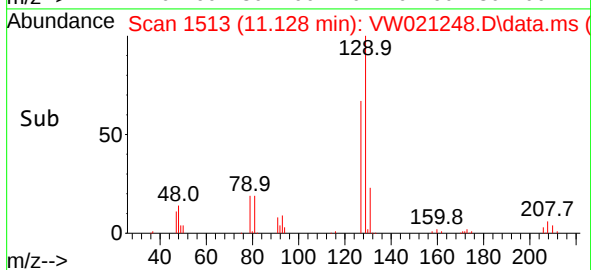
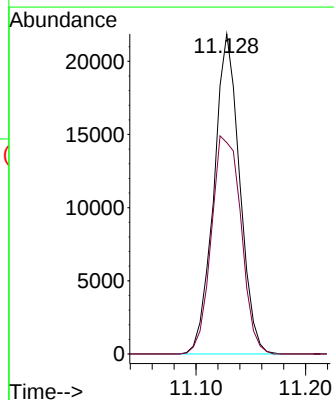
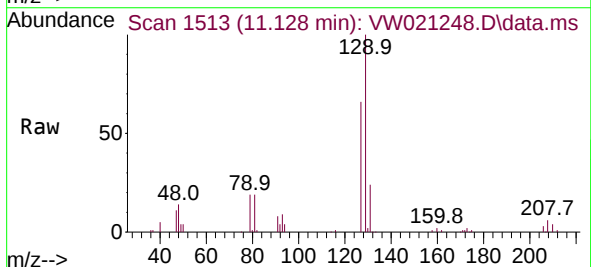
Instrument :
MSVOA_W
ClientSampleId :

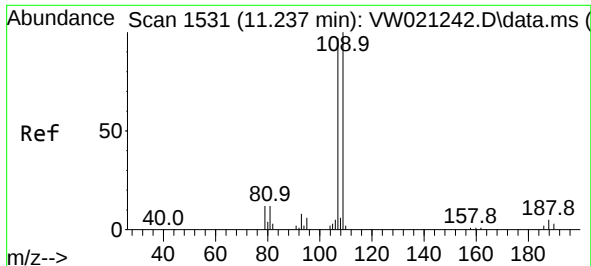
Tgt Ion:	43	Resp:	28005
Ion	Ratio	Lower	Upper
43	100		
58	55.3	40.2	60.2
57	19.8	14.3	21.5
100	14.2	8.0	12.0



#49
Dibromochloromethane
Concen: 27.141 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion:	129	Resp:	35705
Ion	Ratio	Lower	Upper
129	100		
127	66.1	55.7	103.5





#50

1,2-Dibromoethane

Concen: 26.725 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021248.D

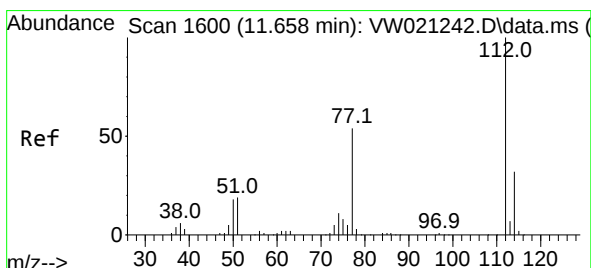
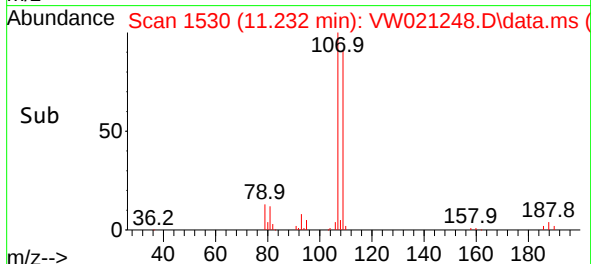
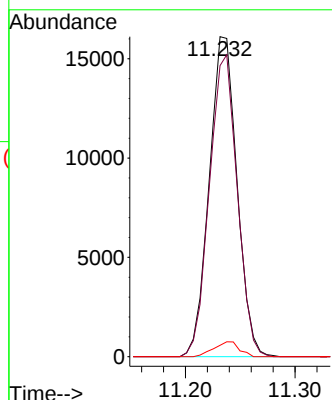
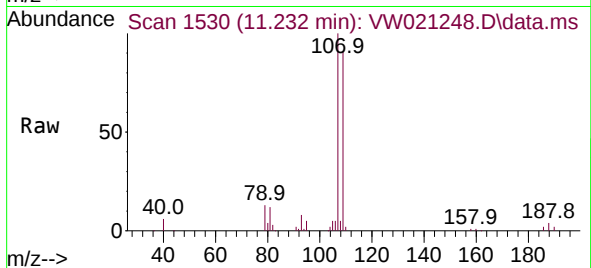
Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	28382
Ion Ratio	Lower	Upper
107	100	
109	91.0	64.1 119.1
188	3.5	2.6 3.8



#51

Chlorobenzene

Concen: 25.765 ug/L

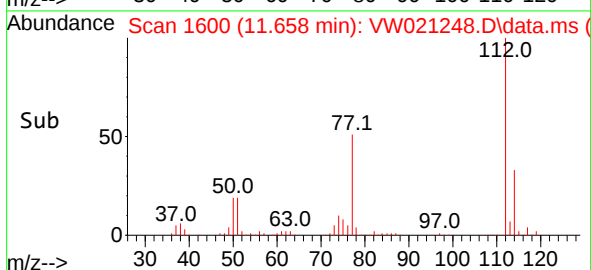
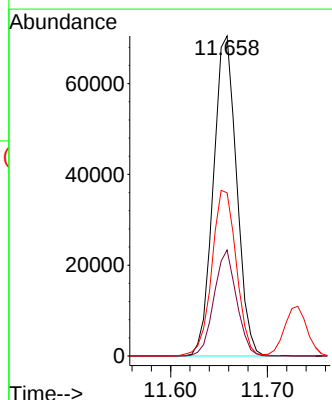
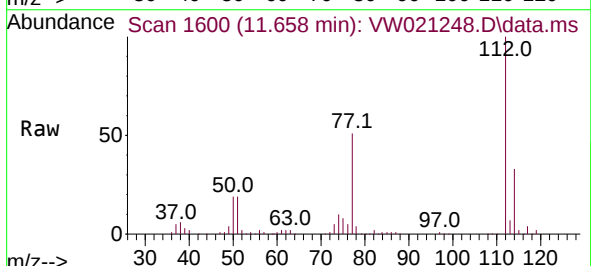
RT: 11.658 min Scan# 1600

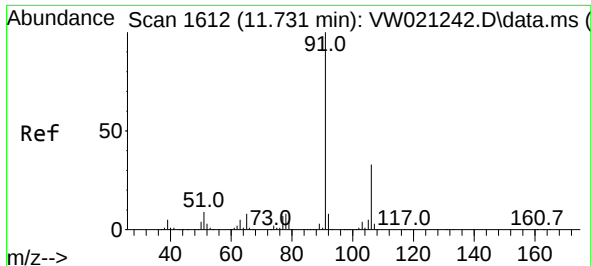
Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Tgt Ion:112	Resp:	117923
Ion Ratio	Lower	Upper
112	100	
114	33.1	22.4 41.6
77	51.0	50.2 75.4





#52

Ethylbenzene

Concen: 25.744 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

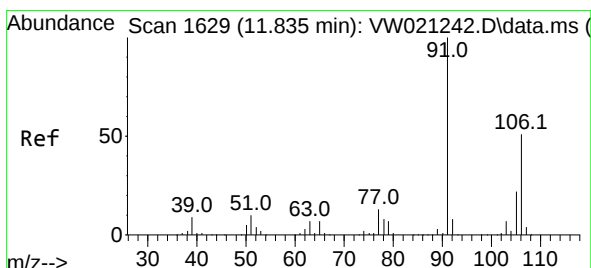
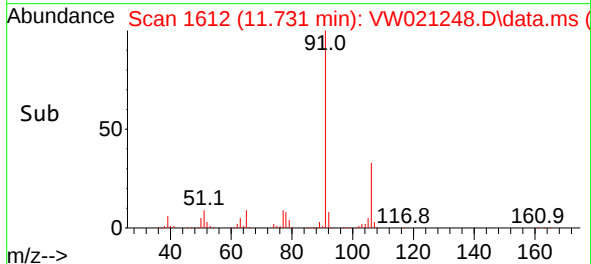
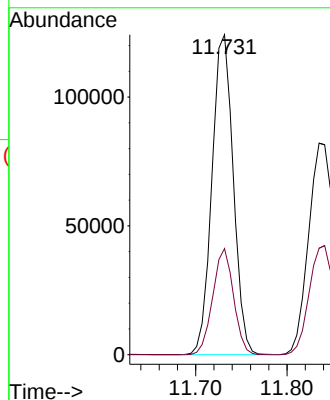
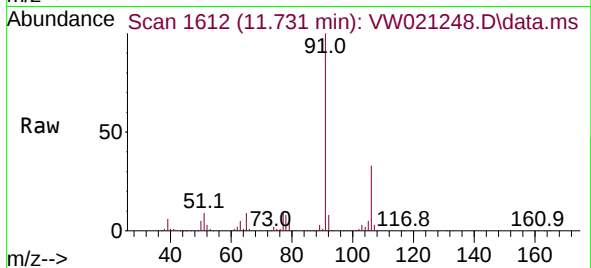
ClientSampleId :

Tgt Ion: 91 Resp: 201111

Ion Ratio Lower Upper

91 100

106 33.2 21.5 39.9



#53

m,p-Xylene

Concen: 25.711 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021248.D

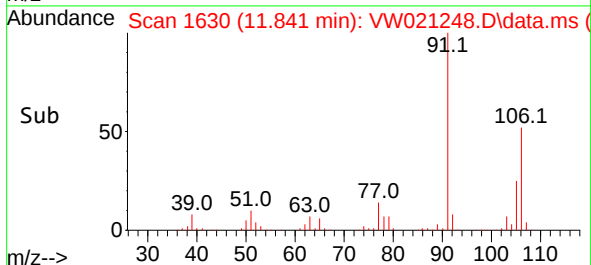
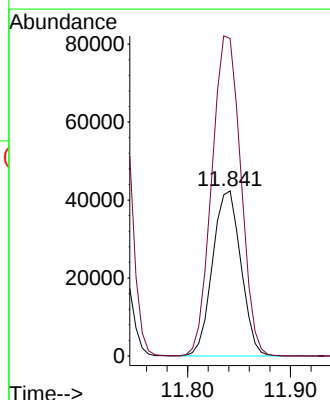
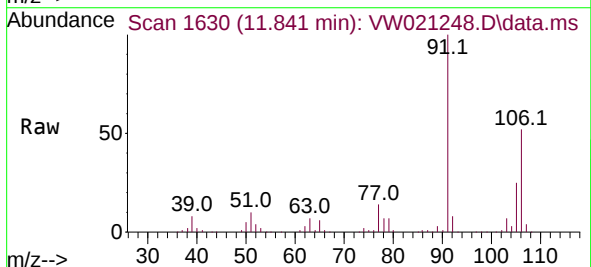
Acq: 09 Dec 2021 17:24

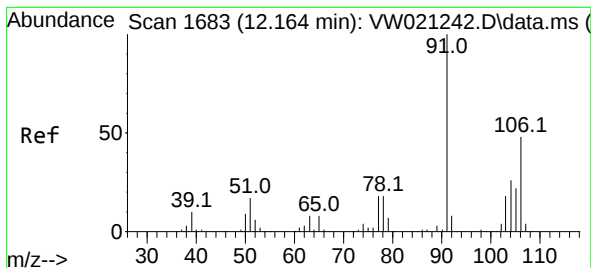
Tgt Ion:106 Resp: 81027

Ion Ratio Lower Upper

106 100

91 192.3 149.9 278.3





#54

o-Xylene

Concen: 26.087 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

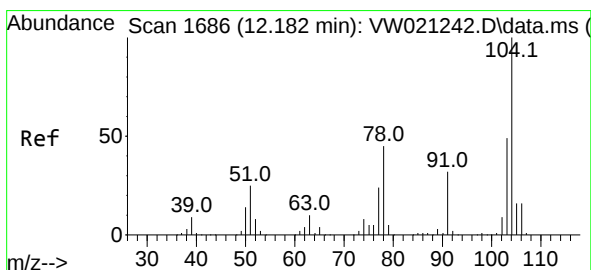
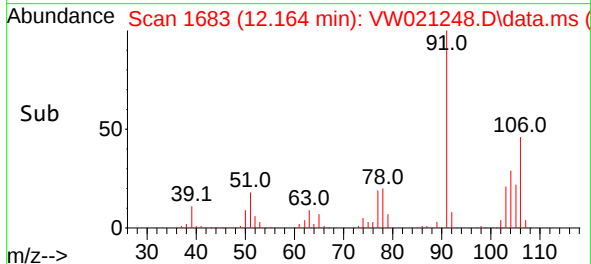
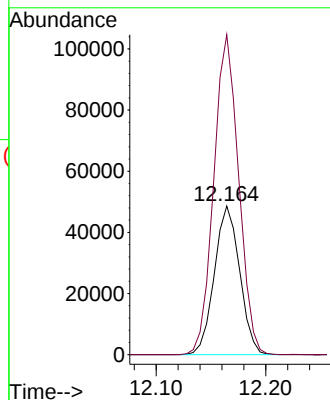
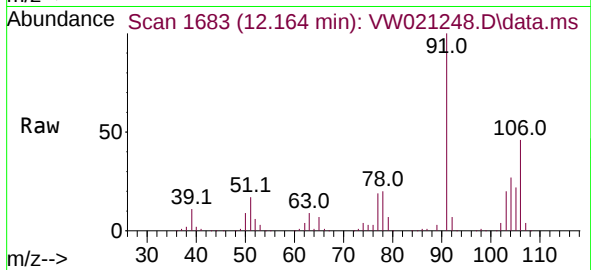
ClientSampleId :

Tgt Ion:106 Resp: 78023

Ion Ratio Lower Upper

106 100

91 215.2 153.6 285.3



#55

Styrene

Concen: 26.349 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW021248.D

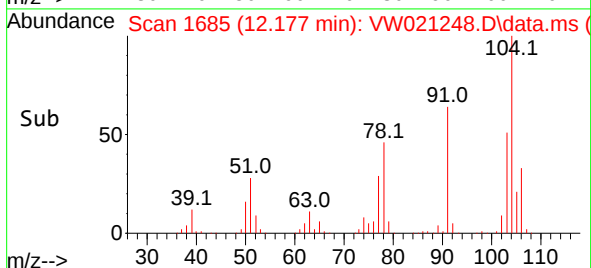
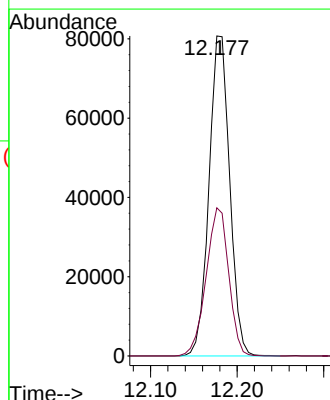
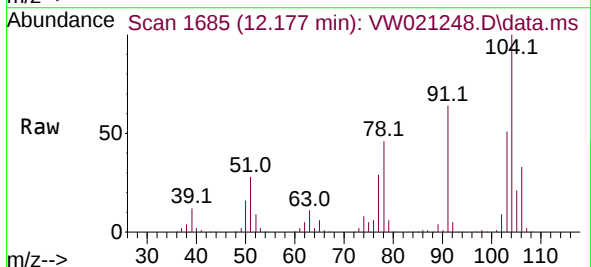
Acq: 09 Dec 2021 17:24

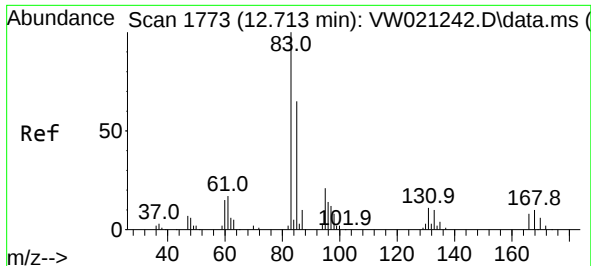
Tgt Ion:104 Resp: 134120

Ion Ratio Lower Upper

104 100

78 46.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.728 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021248.D

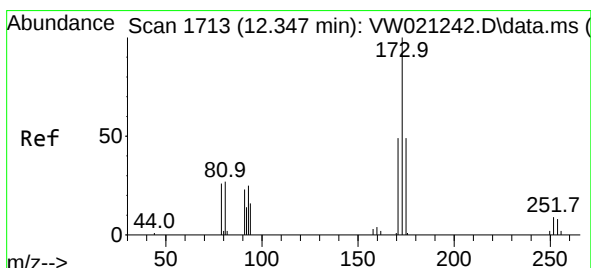
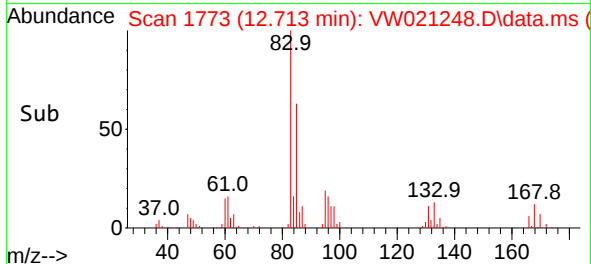
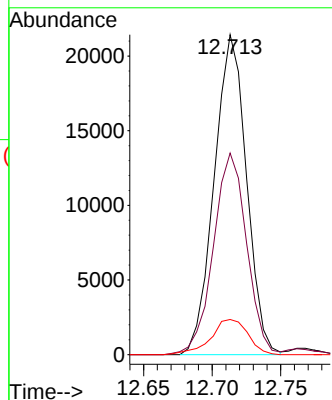
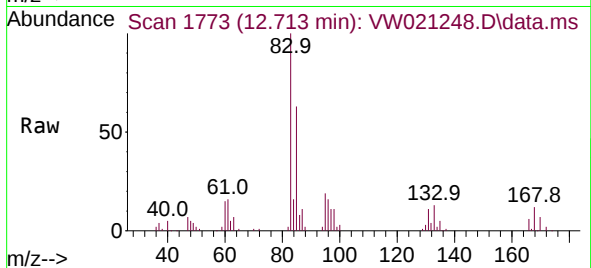
Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 35143
Ion Ratio	Lower Upper
83 100	
85 63.0	44.0 81.6
131 11.0	6.9 10.3#



#59

Bromoform

Concen: 27.633 ug/L

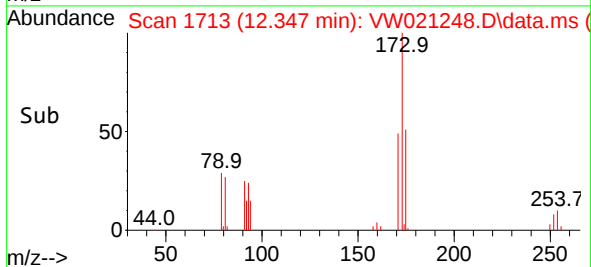
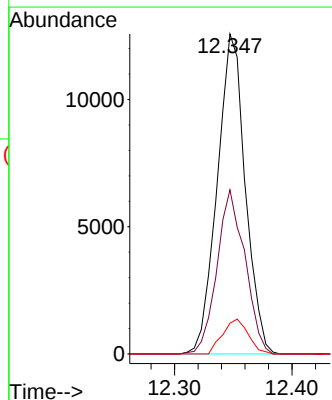
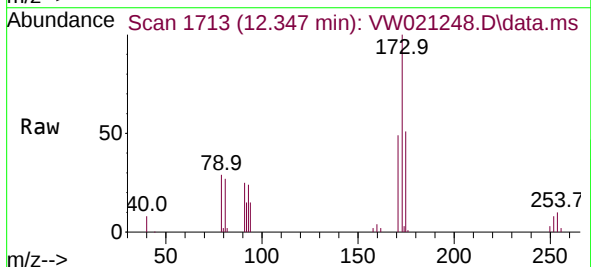
RT: 12.347 min Scan# 1713

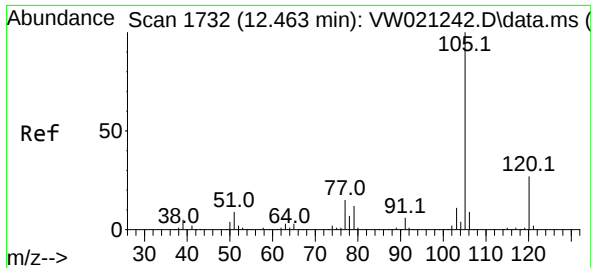
Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Tgt Ion: 173	Resp: 20884
Ion Ratio	Lower Upper
173 100	
175 51.0	39.6 59.4
254 9.9	7.4 11.0

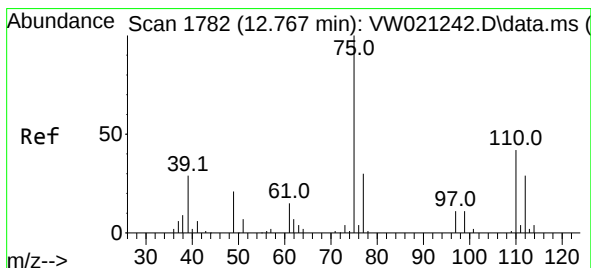
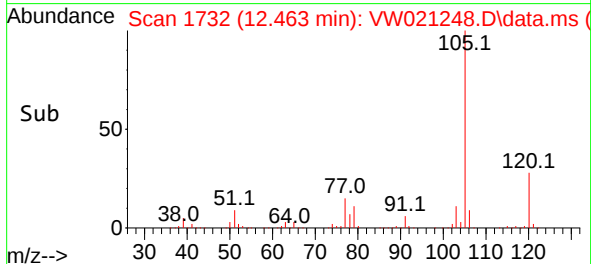
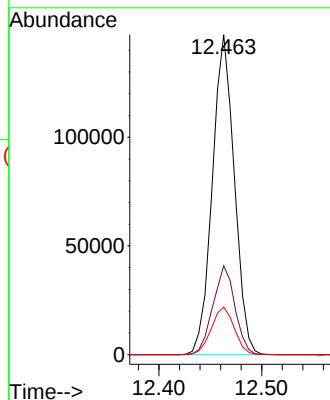
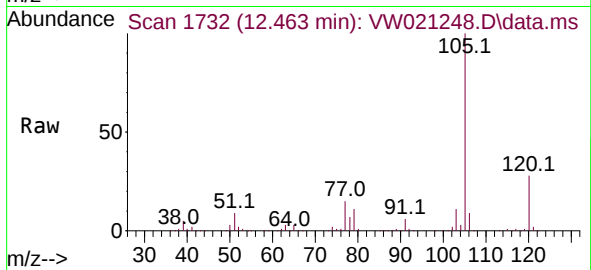




#60
Isopropylbenzene
Concen: 25.301 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

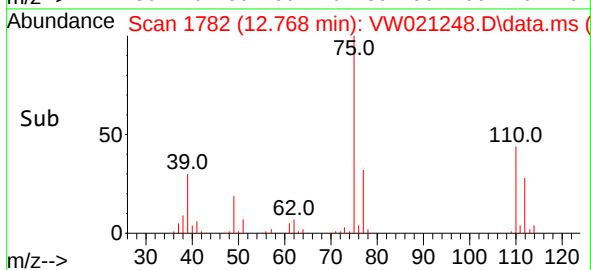
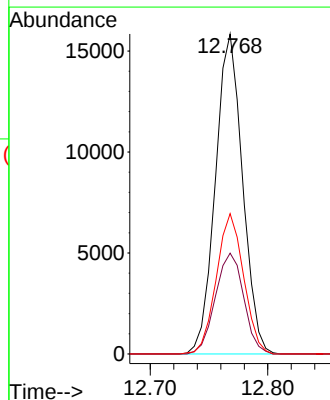
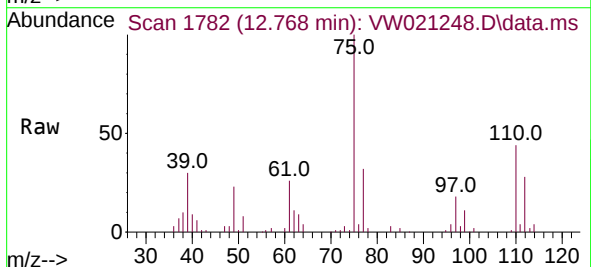
Instrument :
MSVOA_W
ClientSampleId :

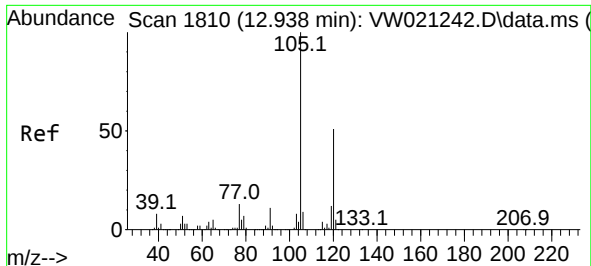
Tgt Ion:105 Resp: 218363
Ion Ratio Lower Upper
105 100
120 27.8 20.1 30.1
77 15.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 27.496 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion: 75 Resp: 25418
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
110 44.1 29.0 43.4

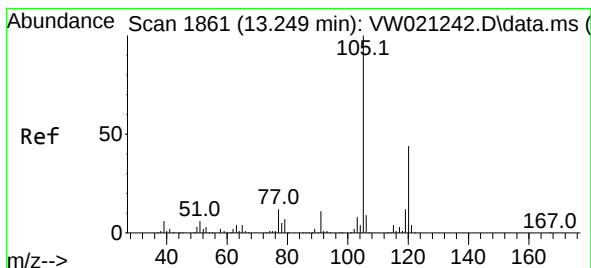
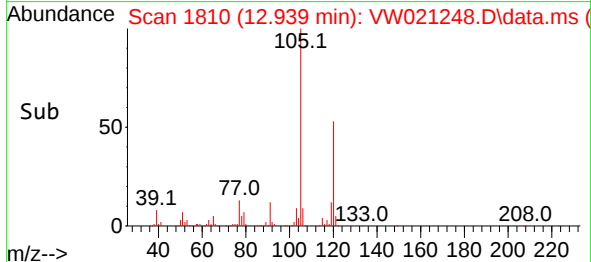
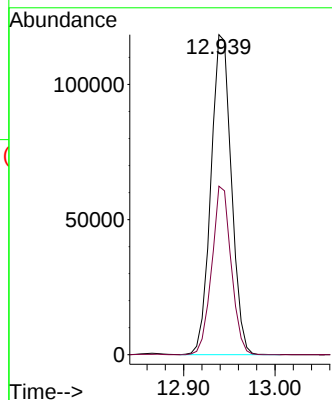
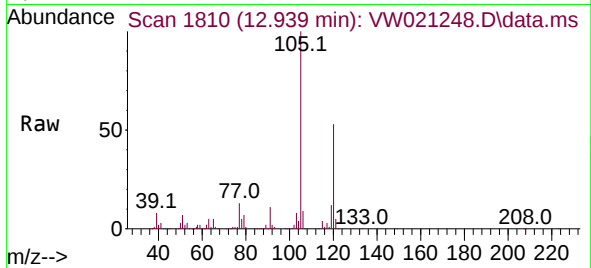




#62
 1,3,5-Trimethylbenzene
 Concen: 25.059 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW021248.D
 Acq: 09 Dec 2021 17:24

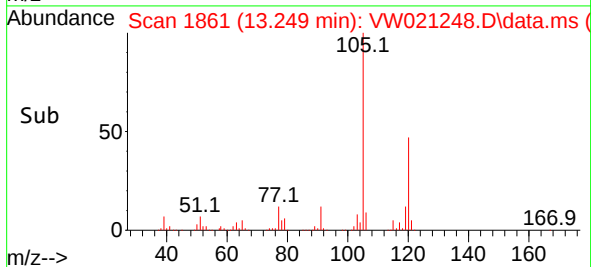
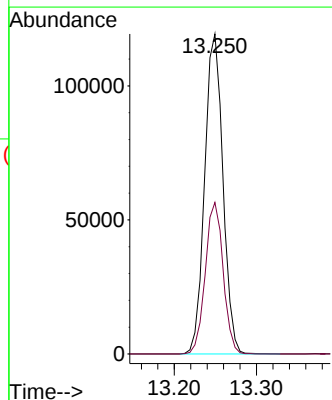
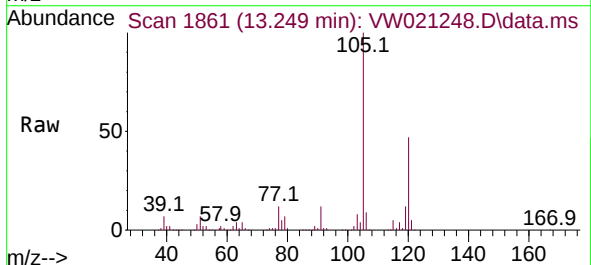
Instrument :
 MSVOA_W
 ClientSampleId :

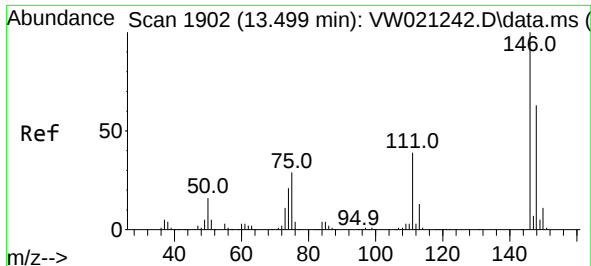
Tgt Ion:105 Resp: 184042
 Ion Ratio Lower Upper
 105 100
 120 49.9 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 25.418 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW021248.D
 Acq: 09 Dec 2021 17:24

Tgt Ion:105 Resp: 184154
 Ion Ratio Lower Upper
 105 100
 120 46.4 35.0 52.6

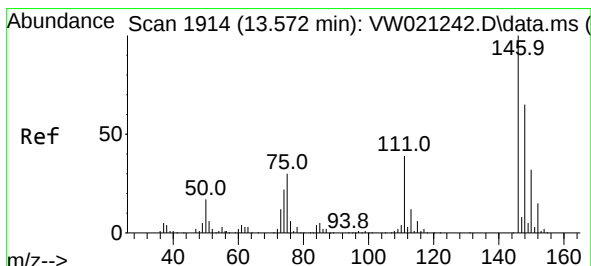
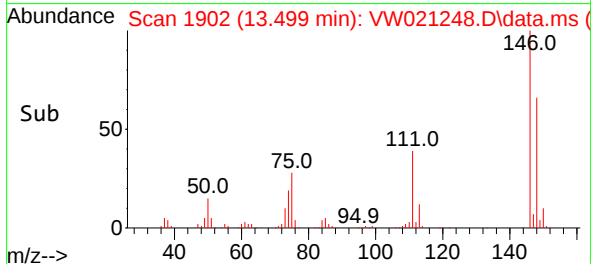
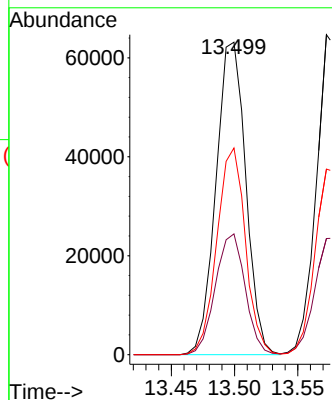
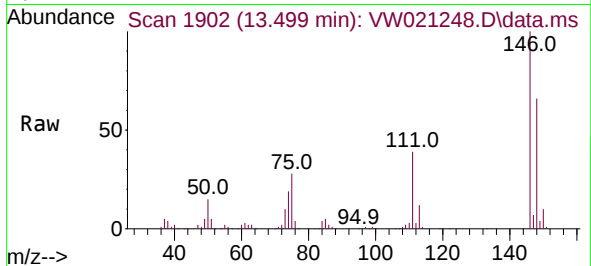




#64
1,3-Dichlorobenzene
Concen: 25.456 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

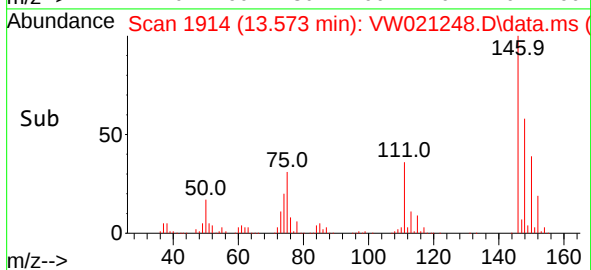
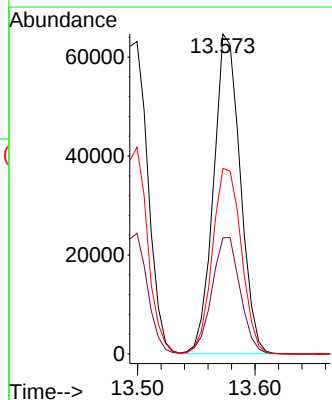
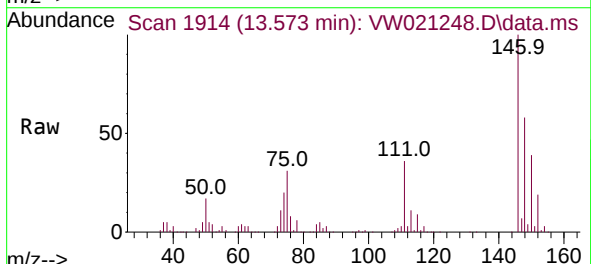
Instrument :
MSVOA_W
ClientSampleId :

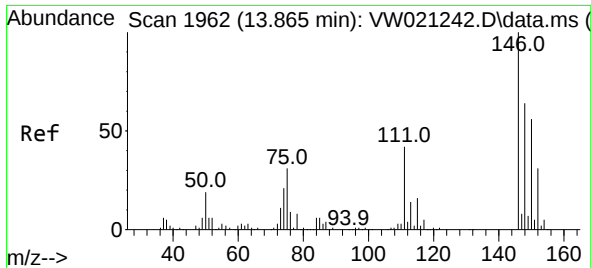
Tgt Ion:146 Resp: 103629
Ion Ratio Lower Upper
146 100
111 38.7 29.8 55.3
148 66.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.225 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW021248.D
Acq: 09 Dec 2021 17:24

Tgt Ion:146 Resp: 102024
Ion Ratio Lower Upper
146 100
111 36.3 29.0 53.9
148 58.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.925 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :

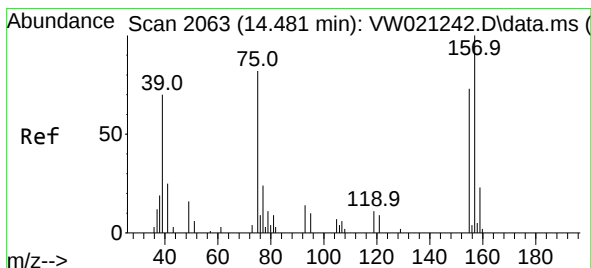
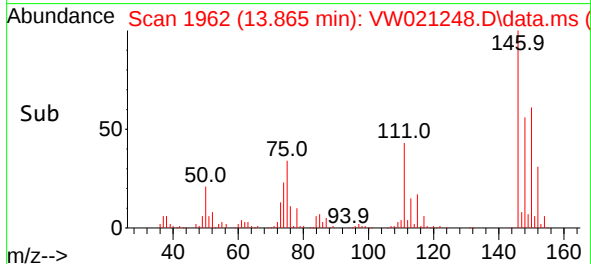
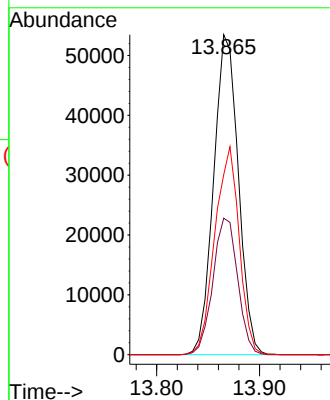
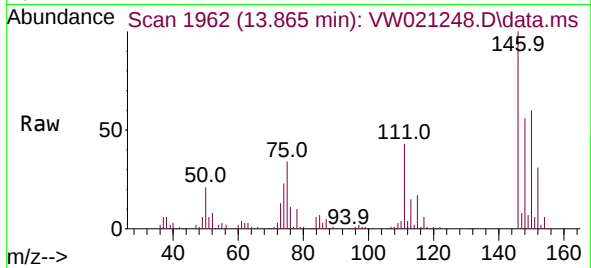
Tgt Ion:146 Resp: 89330

Ion Ratio Lower Upper

146 100

111 42.7 33.1 49.7

148 56.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.119 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

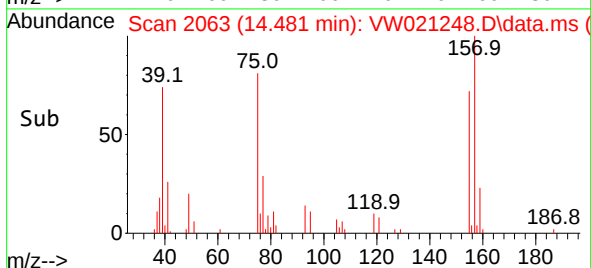
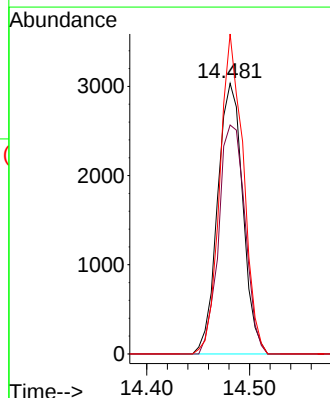
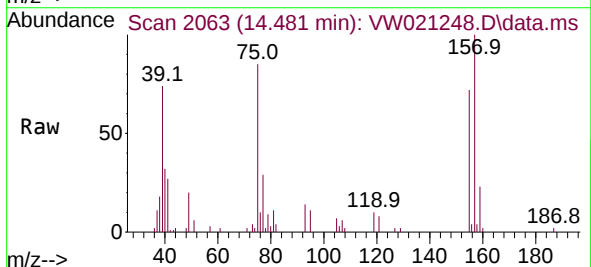
Tgt Ion: 75 Resp: 5171

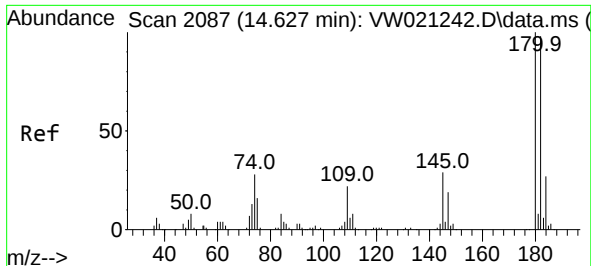
Ion Ratio Lower Upper

75 100

155 84.6 54.2 81.2#

157 118.3 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 23.963 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

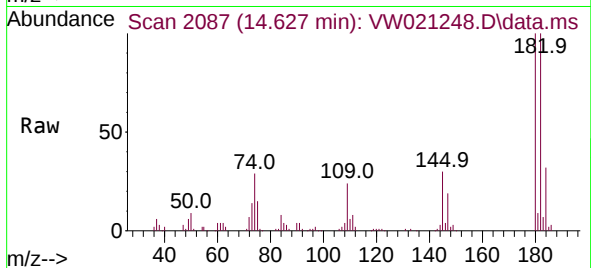
Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 72911

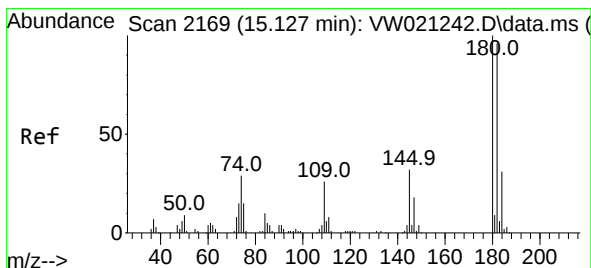
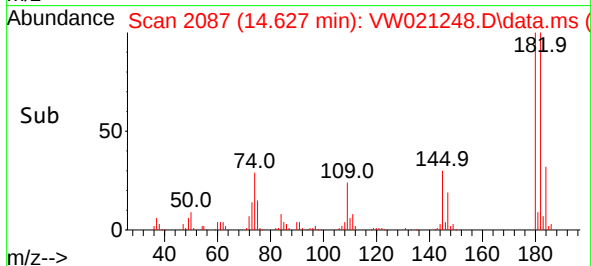
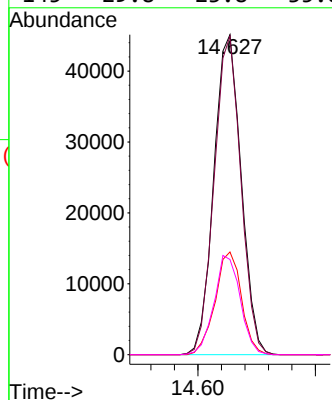
Ion Ratio Lower Upper

180 100

182 96.7 75.4 113.0

184 31.0 23.8 35.8

145 29.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 24.209 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

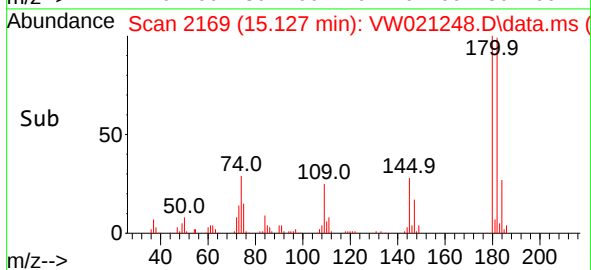
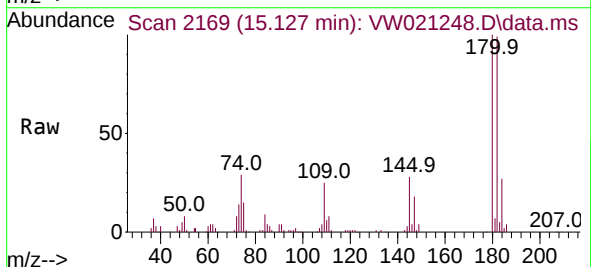
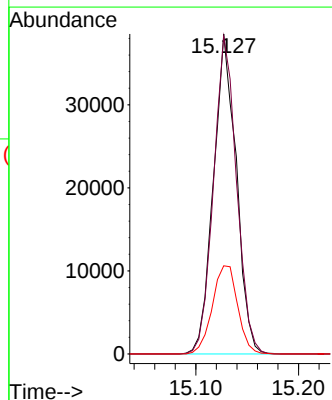
Tgt Ion:180 Resp: 59246

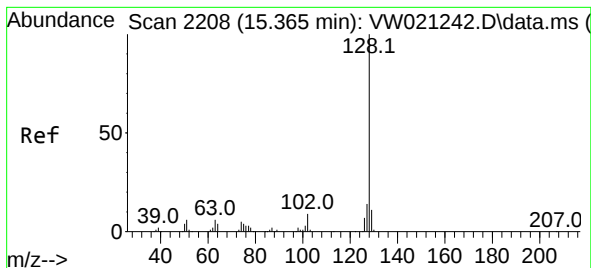
Ion Ratio Lower Upper

180 100

182 100.4 79.0 118.6

145 30.7 26.0 39.0





#71

Naphthalene

Concen: 26.095 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

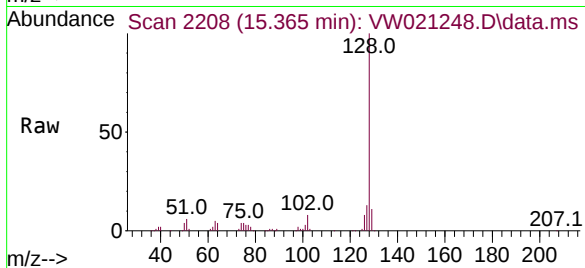
Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Instrument :

MSVOA_W

ClientSampleId :



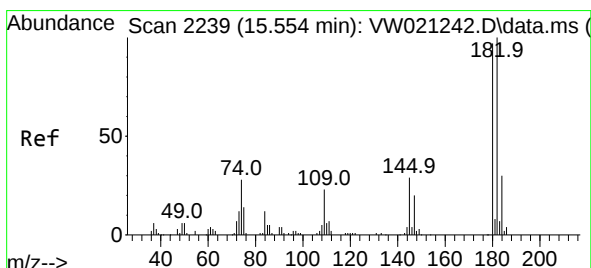
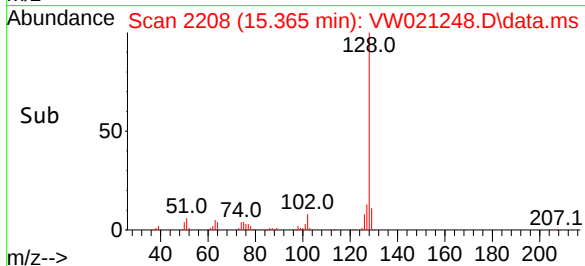
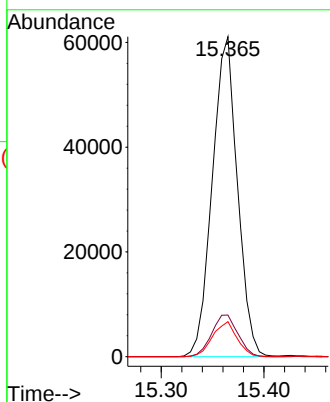
Tgt Ion:128 Resp: 103754

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.778 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021248.D

Acq: 09 Dec 2021 17:24

Tgt Ion:180 Resp: 50114

Ion Ratio Lower Upper

180 100

182 96.7 76.6 114.8

145 32.2 27.4 41.0

