

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021292.D
 Acq On : 10 Dec 2021 18:12
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:10:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 22:05:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85105	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	83353	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	48372	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42477	27.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.600%	
7) Chloroethane-d5	2.879	69	29083	28.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.520%	
11) 1,1-Dichloroethene-d2	4.019	63	52697	25.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.000%	
21) 2-Butanone-d5	7.074	46	12260	56.113	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.220%	
24) Chloroform-d	7.647	84	61633	25.987	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.960%	
26) 1,2-Dichloroethane-d4	8.305	65	31022	24.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 98.360%	
32) Benzene-d6	8.275	84	115899	25.367	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.480%	
36) 1,2-Dichloropropane-d6	9.275	67	31202	25.464	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.840%	
41) Toluene-d8	10.323	98	115654	24.775	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.080%	
43) trans-1,3-Dichloroprop...	10.573	79	15063	26.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.800%	
47) 2-Hexanone-d5	10.921	63	10347	57.106	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 114.220%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	28328	26.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.560%	
66) 1,2-Dichlorobenzene-d4	13.853	152	44816	23.906	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 95.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	9455	28.754	ug/L	94
3) Chloromethane	2.215	50	24628	22.623	ug/L	100
5) Vinyl chloride	2.361	62	45331	26.525	ug/L	95
6) Bromomethane	2.776	94	29182	26.326	ug/L	98
8) Chloroethane	2.916	64	21280	27.028	ug/L	95
9) Trichlorofluoromethane	3.251	101	23955	26.566	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	13526	11.510	ug/L #	1
12) 1,1-Dichloroethene	4.044	96	28109	26.646	ug/L	71
13) Acetone	4.123	43	9980	50.953	ug/L	94
14) Carbon disulfide	4.385	76	78295	28.740	ug/L	100
15) Methyl Acetate	4.672	43	9654	28.566	ug/L #	85
16) Methylene chloride	4.916	84	31808	22.619	ug/L	84
17) trans-1,2-Dichloroethene	5.422	96	29589	25.905	ug/L	84
18) Methyl tert-butyl Ether	5.422	73	40866	25.905	ug/L	95
19) 1,1-Dichloroethane	6.214	63	46887	26.159	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	31027	25.754	ug/L	71
22) 2-Butanone	7.171	43	13148	51.402	ug/L	80
23) Bromochloromethane	7.513	128	15167	26.924	ug/L #	65
25) Chloroform	7.677	83	53898	25.904	ug/L	97

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 Response via : Initial Calibration

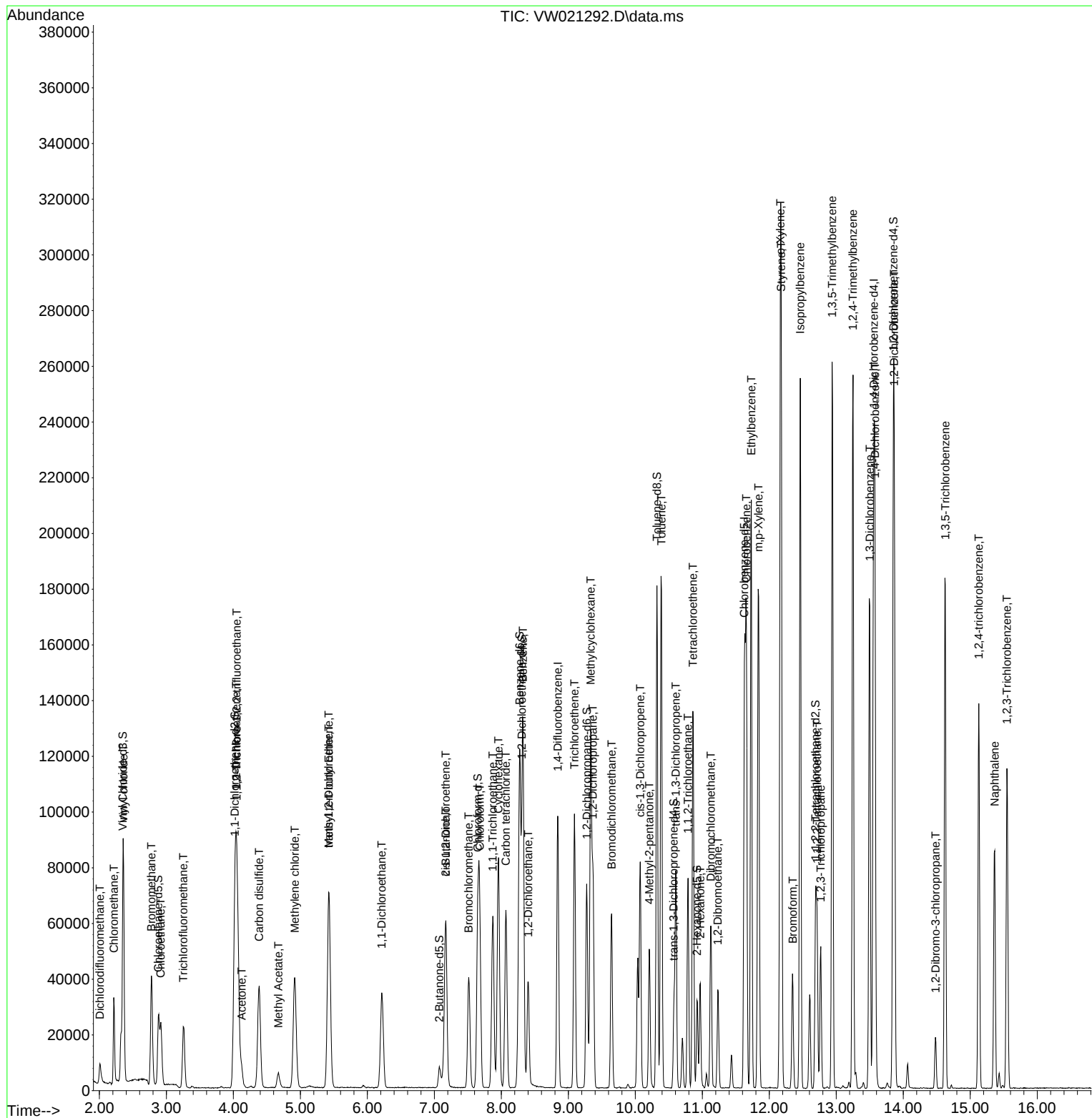
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	33671	25.555	ug/L #	94
29) Cyclohexane	7.958	56	40396	24.349	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	48748	26.066	ug/L	93
31) Carbon tetrachloride	8.067	117	47819	27.717	ug/L	99
33) Benzene	8.323	78	111394	24.532	ug/L	100
34) Trichloroethene	9.092	95	31362	24.605	ug/L	93
35) Methylcyclohexane	9.335	83	52483	24.961	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	25639	25.314	ug/L #	95
38) Bromodichloromethane	9.646	83	39508	28.371	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	43450	27.215	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	30219	54.758	ug/L #	92
42) Toluene	10.390	91	134320	25.293	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	39264	28.078	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	22236	26.823	ug/L	93
46) Tetrachloroethene	10.860	164	30441	25.140	ug/L	93
48) 2-Hexanone	10.969	43	22506	56.236	ug/L #	92
49) Dibromochloromethane	11.128	129	31216	30.545	ug/L	98
50) 1,2-Dibromoethane	11.232	107	22424	27.181	ug/L	99
51) Chlorobenzene	11.658	112	87728	24.674	ug/L	91
52) Ethylbenzene	11.731	91	145975	24.054	ug/L	98
53) m,p-Xylene	11.841	106	58965	24.086	ug/L	92
54) o-Xylene	12.164	106	56812	24.452	ug/L	99
55) Styrene	12.176	104	100435	25.400	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	25502	26.836	ug/L #	94
59) Bromoform	12.353	173	18946	32.918	ug/L	98
60) Isopropylbenzene	12.463	105	156384	23.793	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	18423	26.169	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.939	105	134917	24.122	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	137988	25.009	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	75782	24.444	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	77803	25.259	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	71280	26.115	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	4190	28.855	ug/L #	59
69) 1,3,5-Trichlorobenzene	14.627	180	56213	24.259	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	44526	23.890	ug/L	93
71) Naphthalene	15.365	128	74984	24.764	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	39513	25.653	ug/L	98

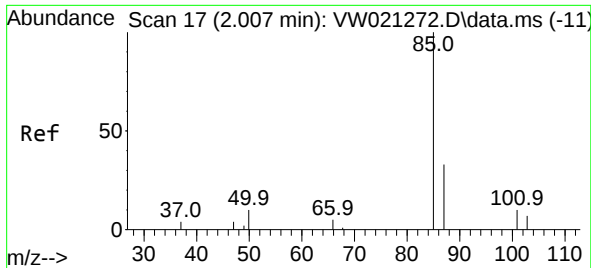
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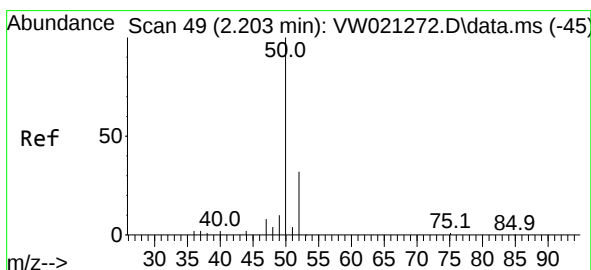
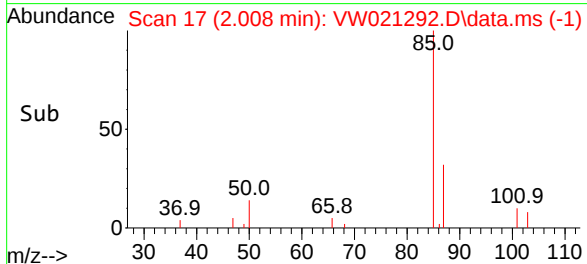
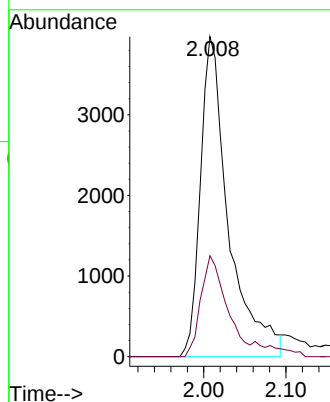
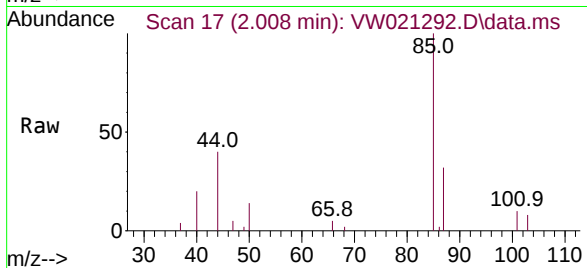




#2
 Dichlorodifluoromethane
 Concen: 28.754 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021292.D
 Acq: 10 Dec 2021 18:12

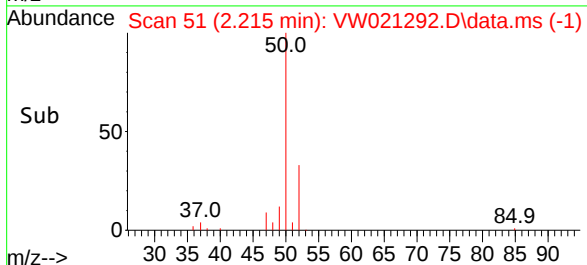
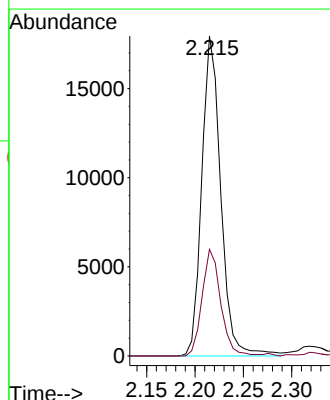
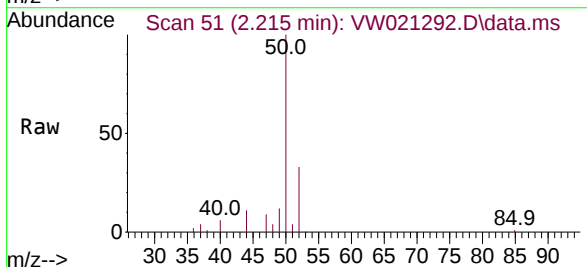
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 ClientSampleId :

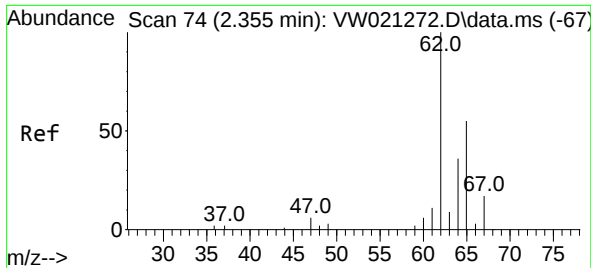
Tgt Ion: 85 Resp: 9455
 Ion Ratio Lower Upper
 85 100
 87 28.9 25.8 38.6



#3
 Chloromethane
 Concen: 22.623 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VW021292.D
 Acq: 10 Dec 2021 18:12

Tgt Ion: 50 Resp: 24628
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.4 43.6

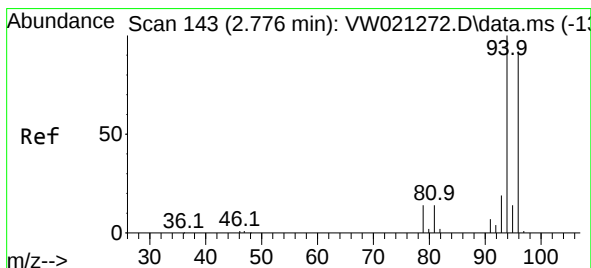
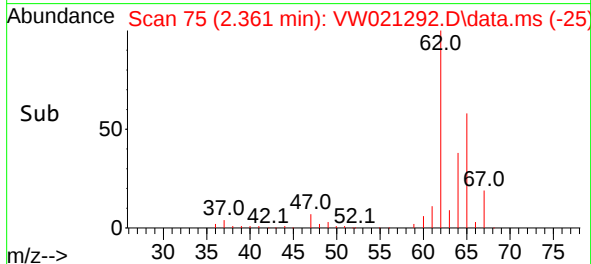
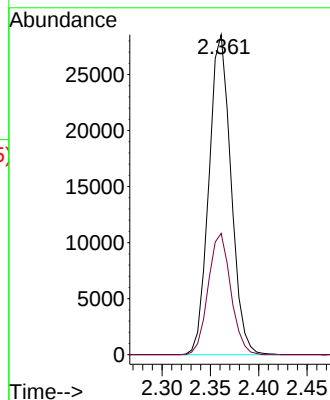
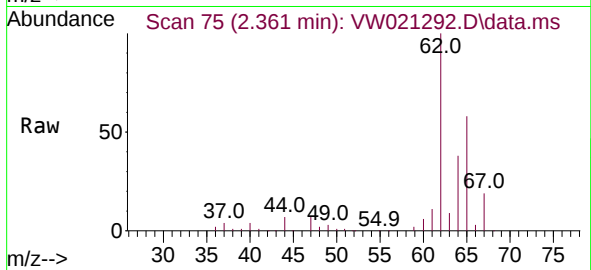




#5
 Vinyl chloride
 Concen: 26.525 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021292.D
 Acq: 10 Dec 2021 18:12

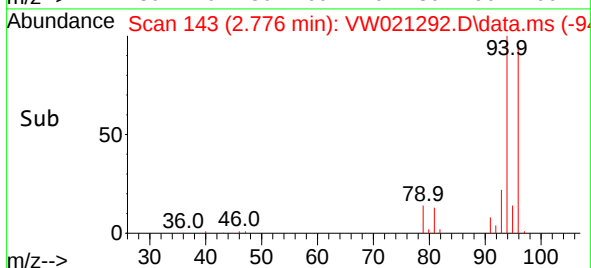
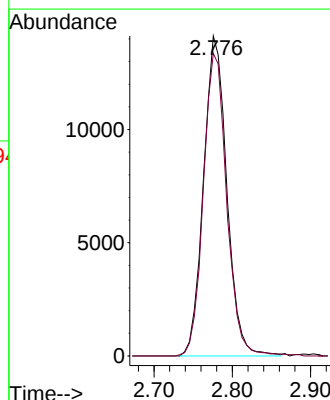
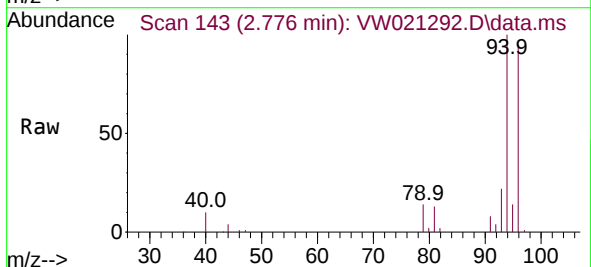
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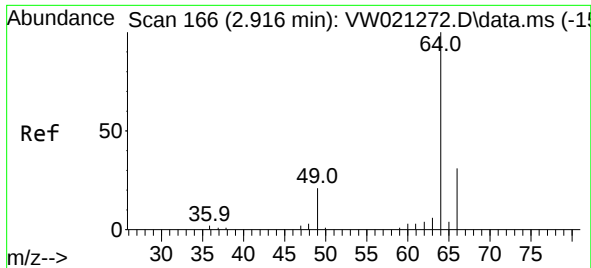
Tgt Ion: 62 Resp: 45331
 Ion Ratio Lower Upper
 62 100
 64 37.9 24.4 45.2



#6
 Bromomethane
 Concen: 26.326 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021292.D
 Acq: 10 Dec 2021 18:12

Tgt Ion: 94 Resp: 29182
 Ion Ratio Lower Upper
 94 100
 96 94.5 64.8 120.4

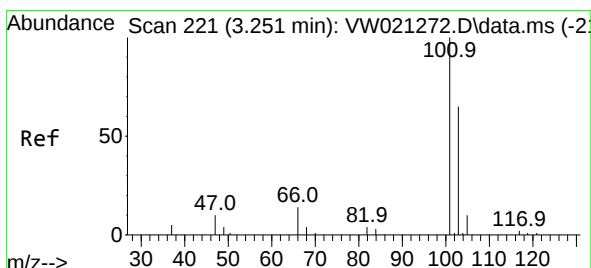
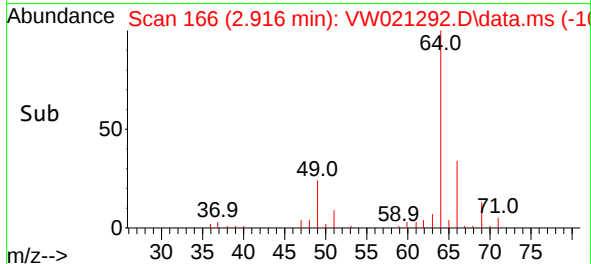
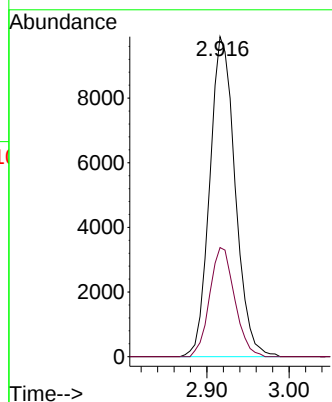
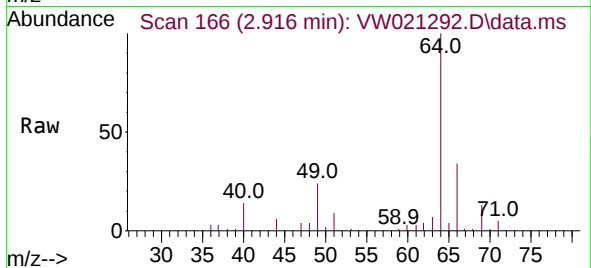




#8
Chloroethane
Concen: 27.028 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

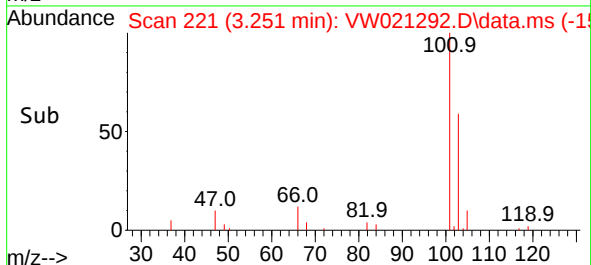
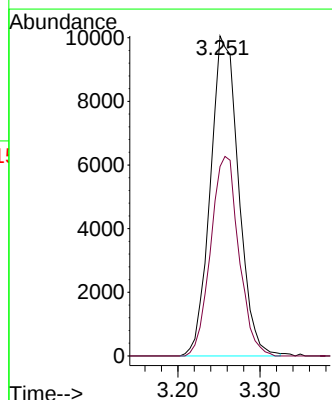
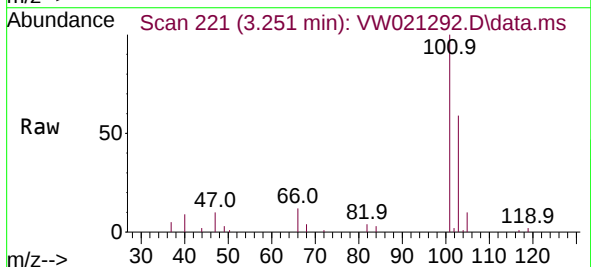
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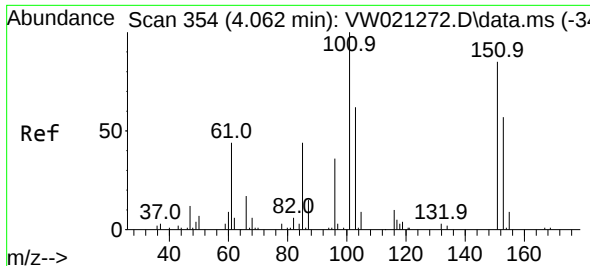
Tgt Ion: 64 Resp: 21280
Ion Ratio Lower Upper
64 100
66 34.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.566 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 101 Resp: 23955
Ion Ratio Lower Upper
101 100
103 62.2 51.4 77.2

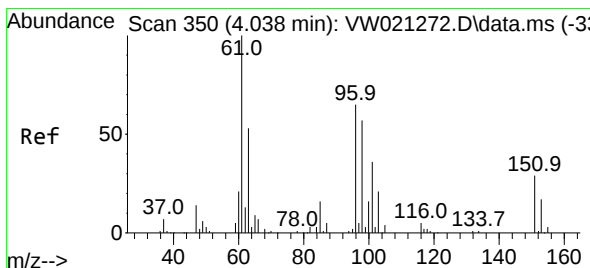
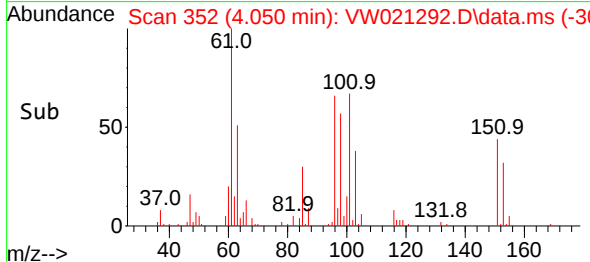
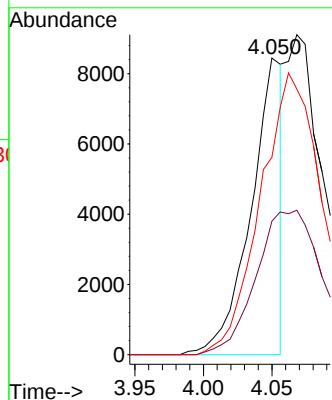
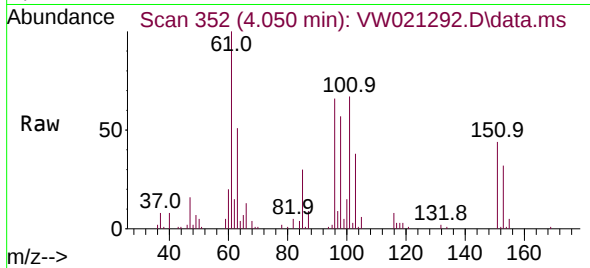




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.510 ug/L
RT: 4.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

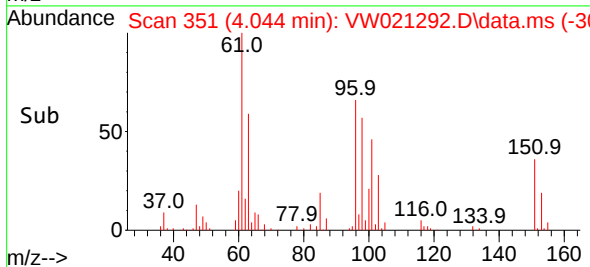
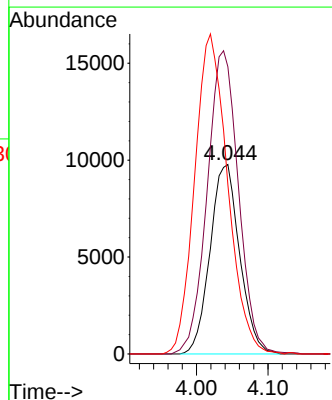
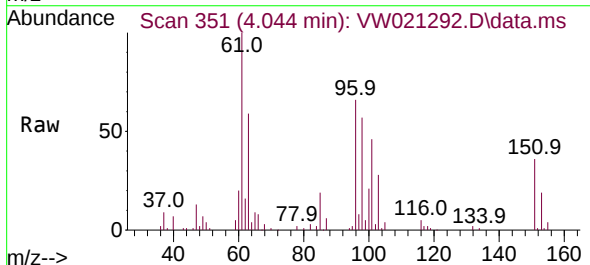
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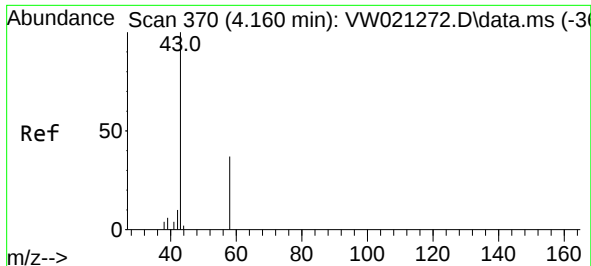
Tgt Ion:101 Resp: 13526
Ion Ratio Lower Upper
101 100
85 103.3 36.6 54.8#
151 190.6 57.4 86.0#



#12
1,1-Dichloroethene
Concen: 26.646 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 96 Resp: 28109
Ion Ratio Lower Upper
96 100
61 151.6 138.3 256.9
63 89.3 82.6 153.4

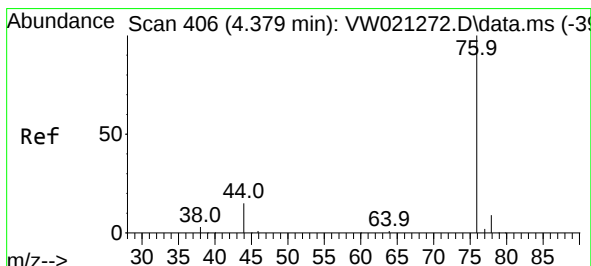
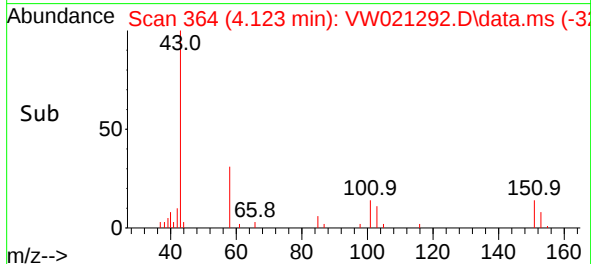
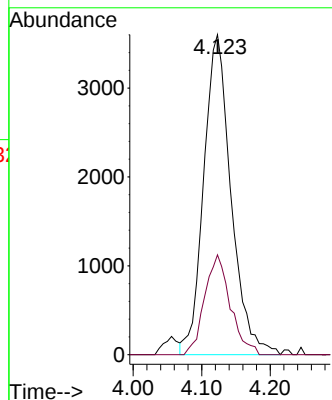
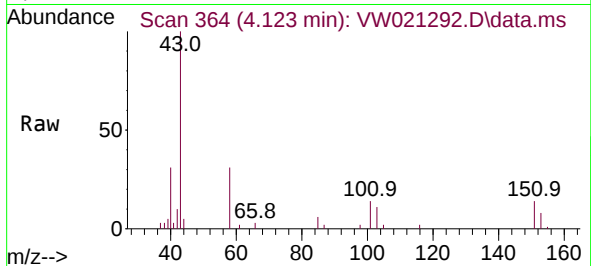




#13
Acetone
Concen: 50.953 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.037 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

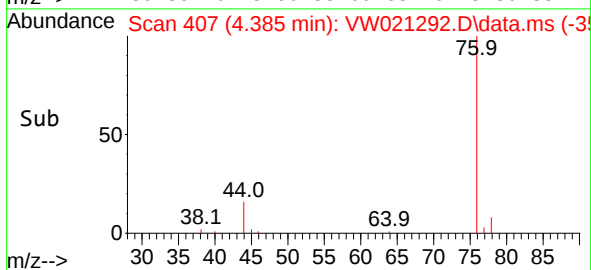
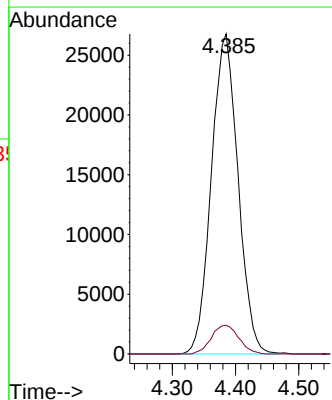
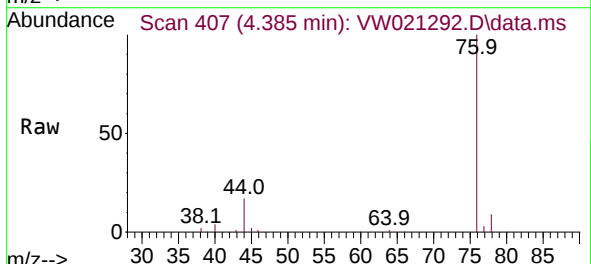
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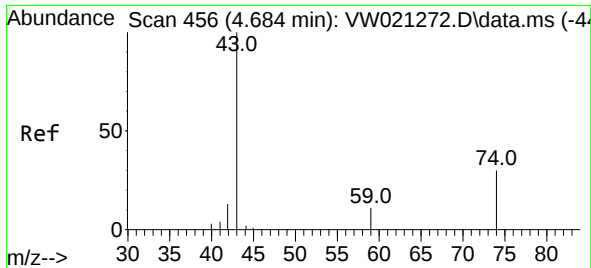
Tgt Ion: 43 Resp: 9980
Ion Ratio Lower Upper
43 100
58 29.3 0.0 52.8



#14
Carbon disulfide
Concen: 28.740 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 78295
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

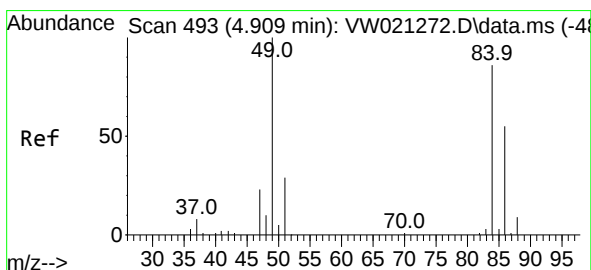
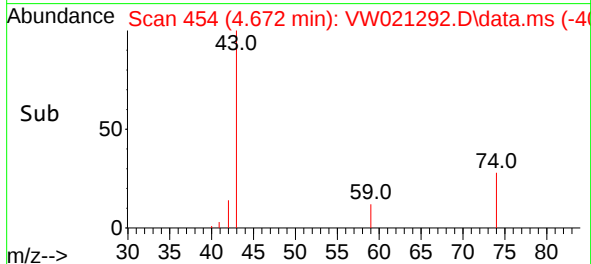
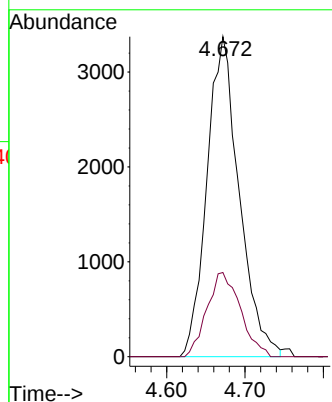
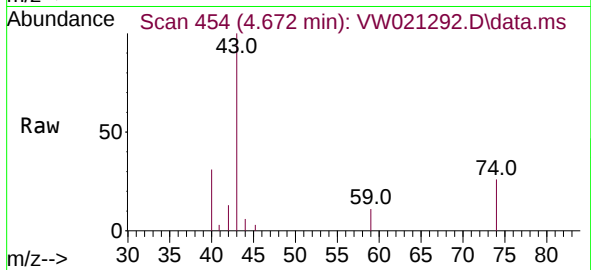




#15
Methyl Acetate
Concen: 28.566 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

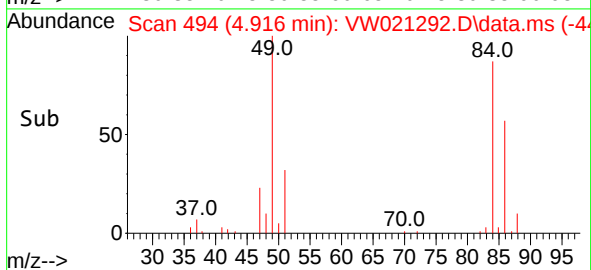
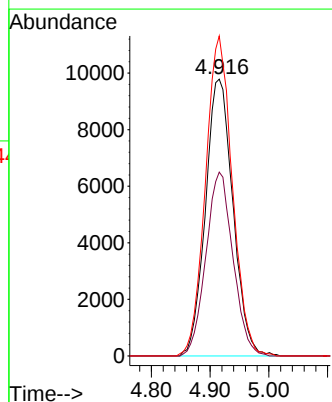
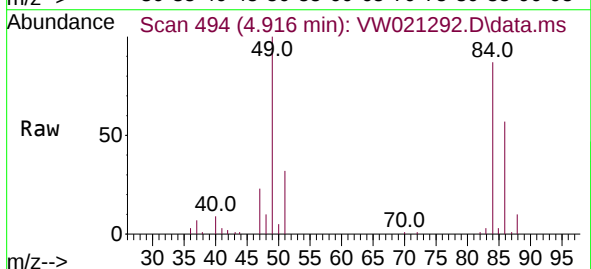
Instrument :
MSVOA_W
ClientSampleId :

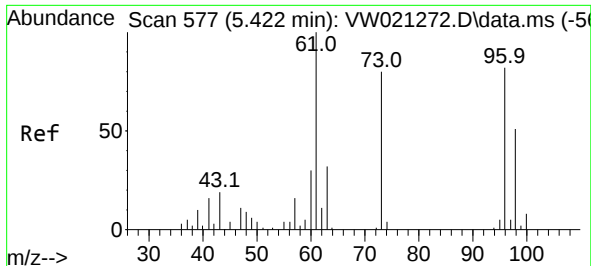
Tgt Ion: 43 Resp: 9654
Ion Ratio Lower Upper
43 100
74 27.2 16.4 24.6#



#16
Methylene chloride
Concen: 22.619 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

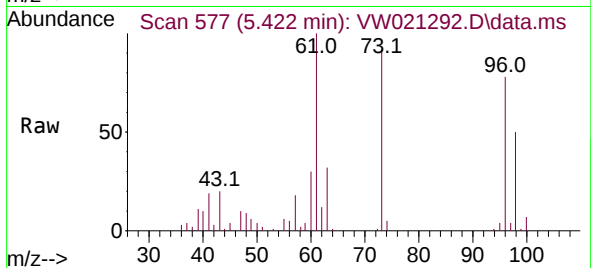
Tgt Ion: 84 Resp: 31808
Ion Ratio Lower Upper
84 100
86 66.4 45.5 84.5
49 115.6 100.5 186.7





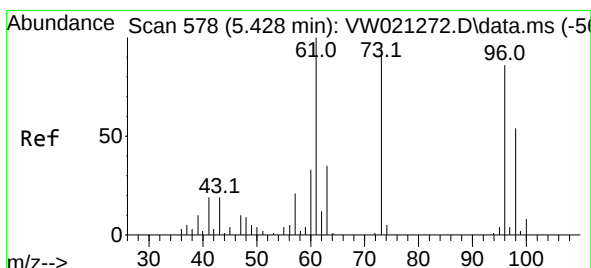
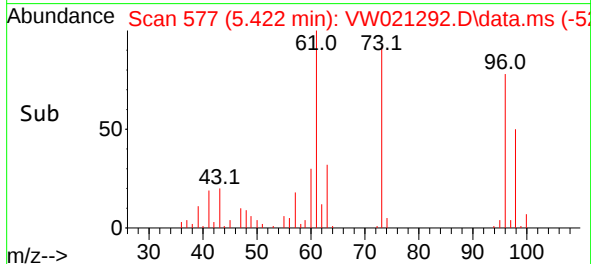
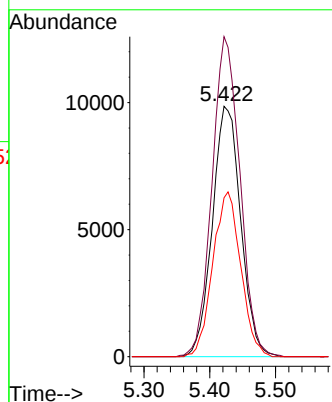
#17
trans-1,2-Dichloroethene
Concen: 25.905 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 29589

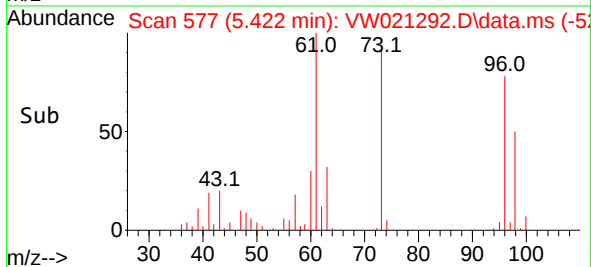
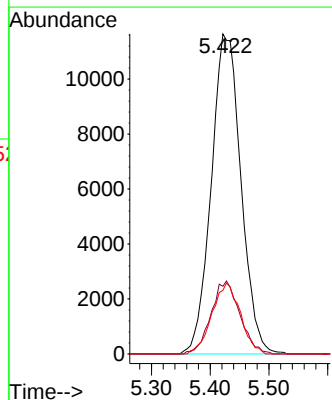
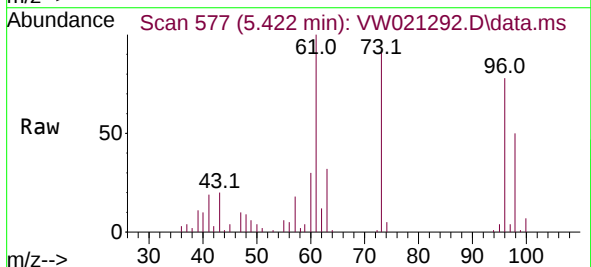
Ion	Ratio	Lower	Upper
96	100		
61	127.8	107.4	199.4
98	63.5	41.2	76.6

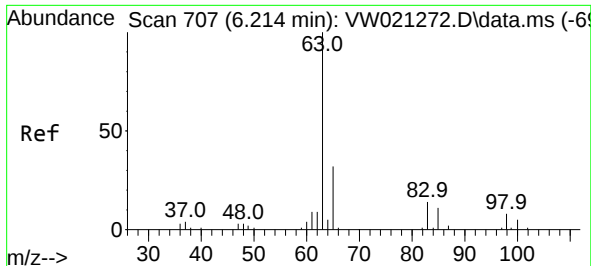


#18
Methyl tert-butyl Ether
Concen: 25.905 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 73 Resp: 40866

Ion	Ratio	Lower	Upper
73	100		
43	22.2	19.5	29.3
57	21.1	19.3	28.9





#19

1,1-Dichloroethane

Concen: 26.159 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021292.D

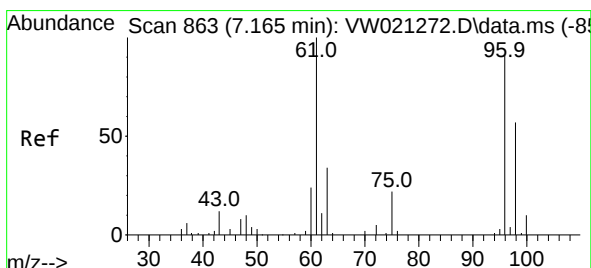
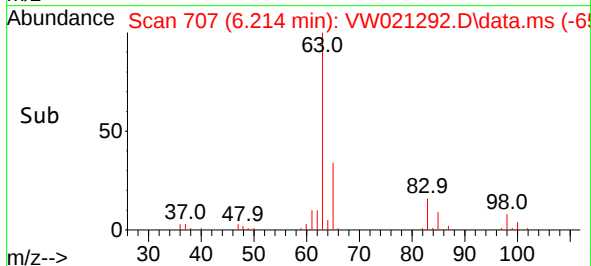
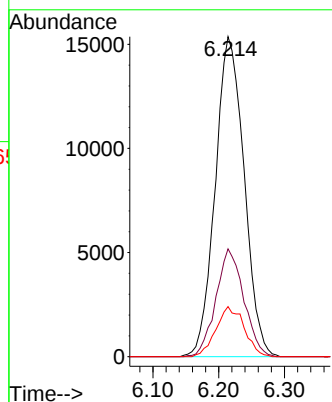
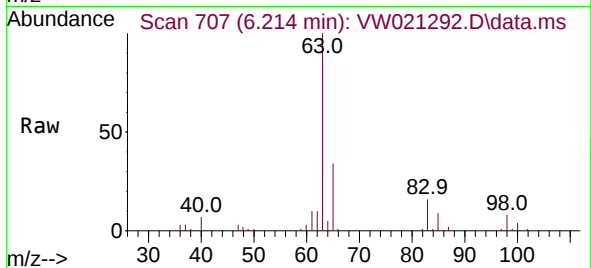
Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 46887
Ion Ratio	Lower Upper
63 100	
65 33.7	22.1 41.1
83 15.6	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.754 ug/L

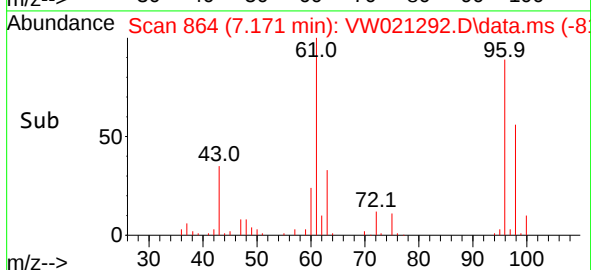
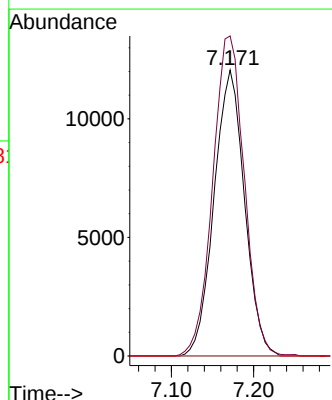
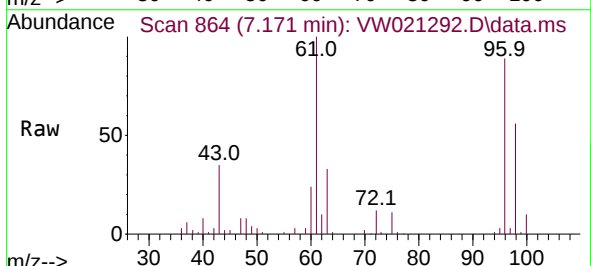
RT: 7.171 min Scan# 864

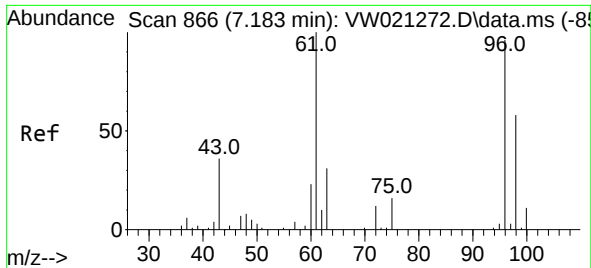
Delta R.T. 0.006 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Tgt Ion: 96	Resp: 31027
Ion Ratio	Lower Upper
96 100	
61 111.9	103.7 192.7
68 0.0	0.0 0.0

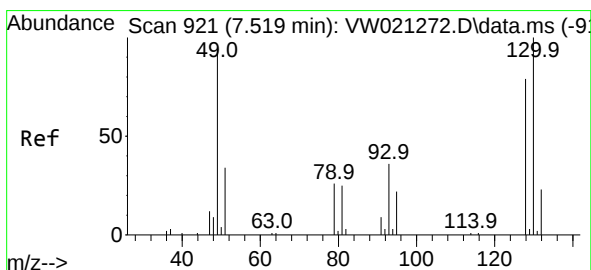
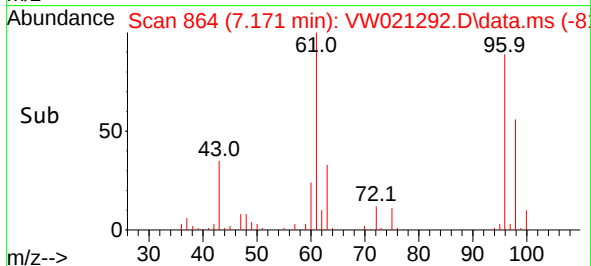
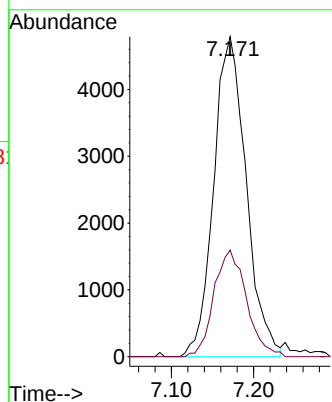
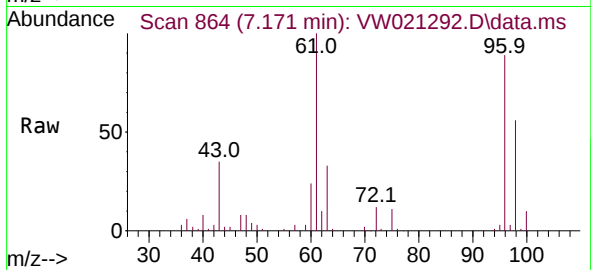




#22
2-Butanone
Concen: 51.402 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.012 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

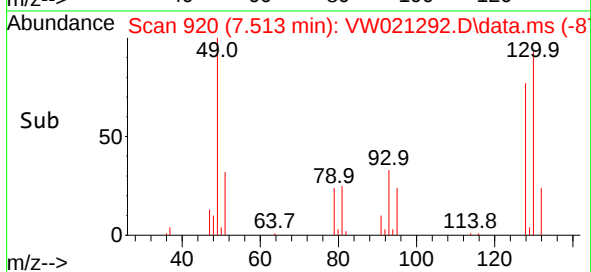
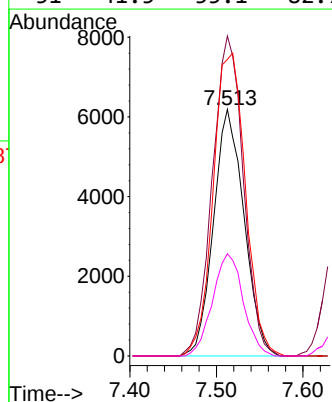
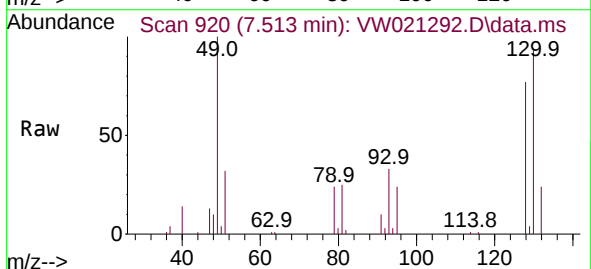
Instrument :
MSVOA_W
ClientSampleId :

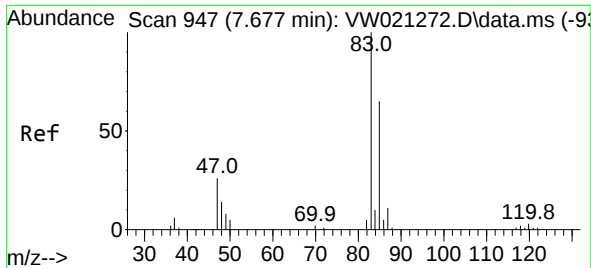
Tgt Ion: 43 Resp: 13148
Ion Ratio Lower Upper
43 100
72 33.3 11.8 35.4



#23
Bromochloromethane
Concen: 26.924 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 128 Resp: 15167
Ion Ratio Lower Upper
128 100
49 129.8 150.3 279.1#
130 120.3 88.3 163.9
51 41.5 55.1 82.7#

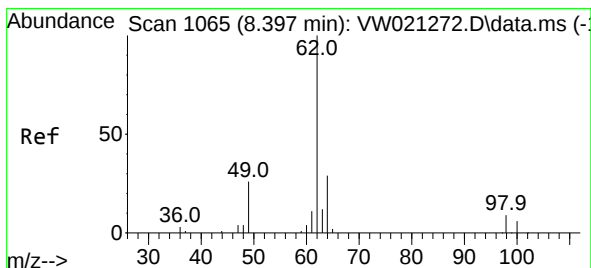
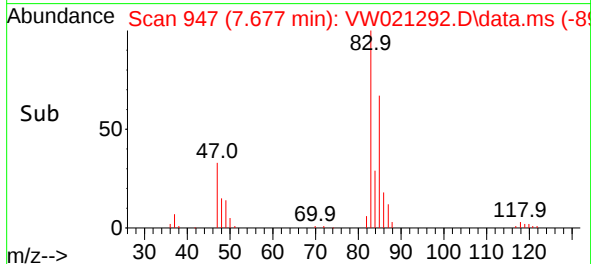
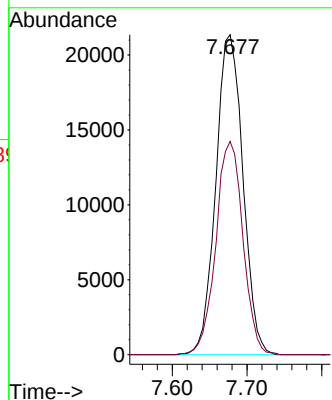
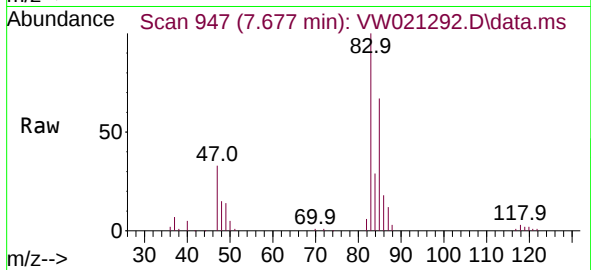




#25
Chloroform
Concen: 25.904 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

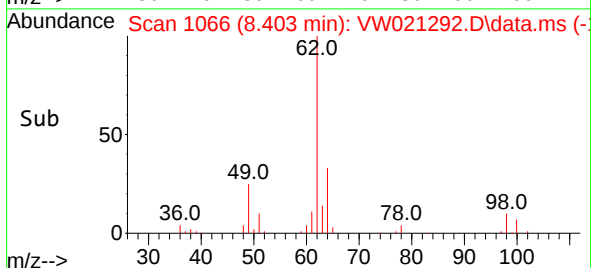
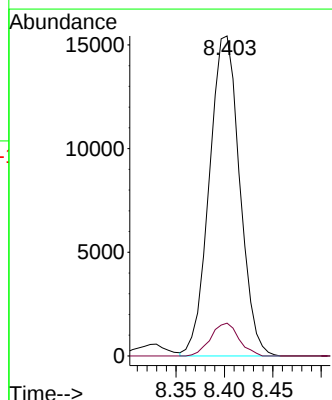
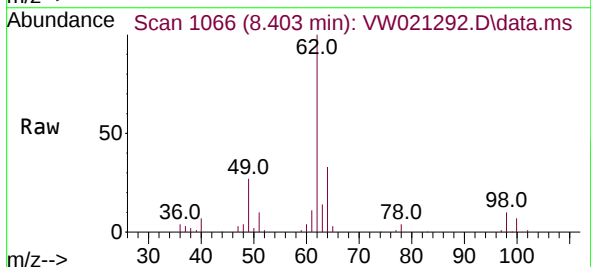
Instrument :
MSVOA_W
ClientSampleId :

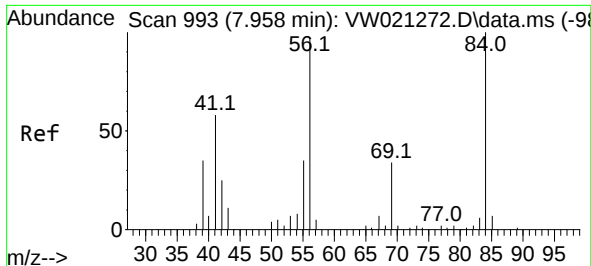
Tgt Ion: 83 Resp: 53898
Ion Ratio Lower Upper
83 100
85 66.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.555 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

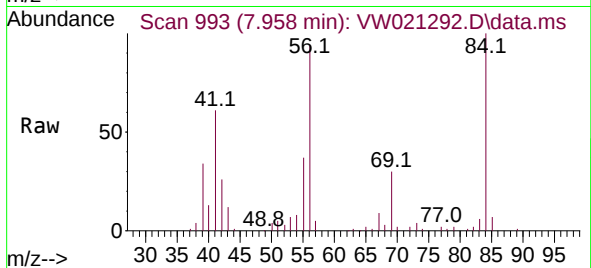
Tgt Ion: 62 Resp: 33671
Ion Ratio Lower Upper
62 100
98 10.3 6.5 9.7#



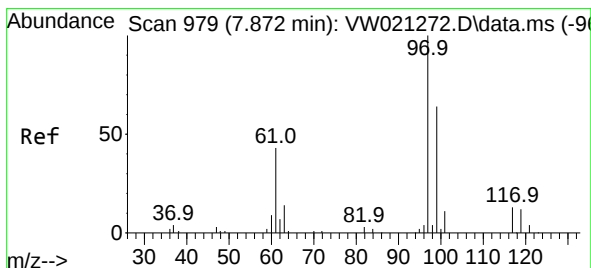
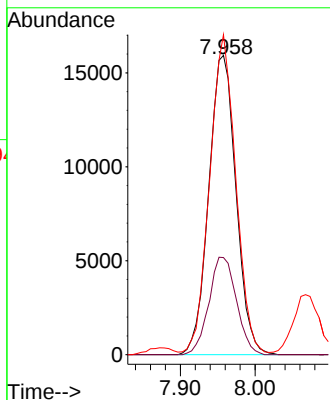
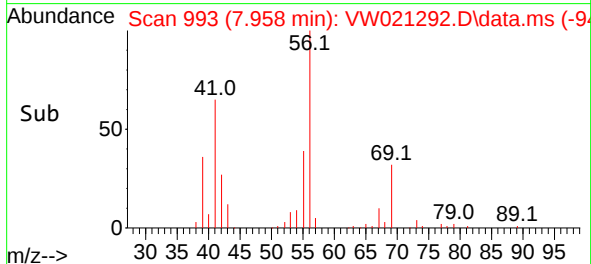


#29
Cyclohexane
Concen: 24.349 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Instrument :
MSVOA_W
ClientSampleId :

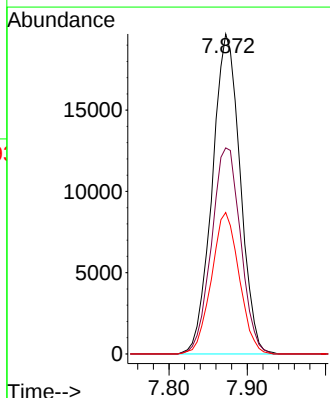
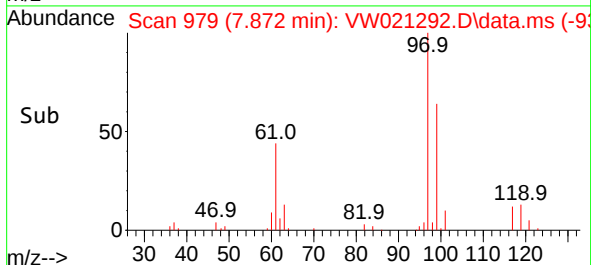
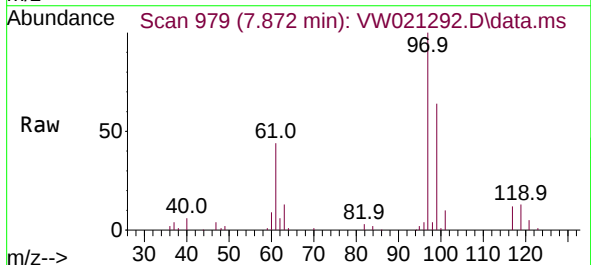


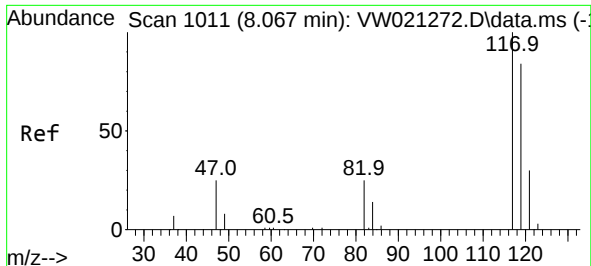
Tgt Ion: 56 Resp: 40396
Ion Ratio Lower Upper
56 100
69 32.9 23.5 35.3
84 102.8 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 26.066 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 97 Resp: 48748
Ion Ratio Lower Upper
97 100
99 67.2 51.6 77.4
61 43.9 40.9 61.3

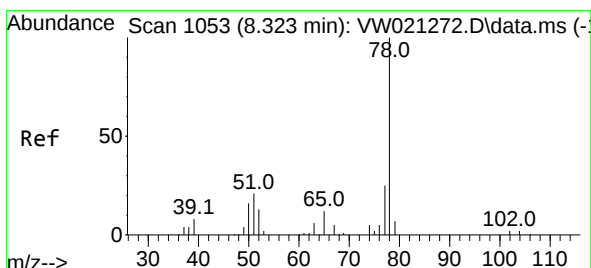
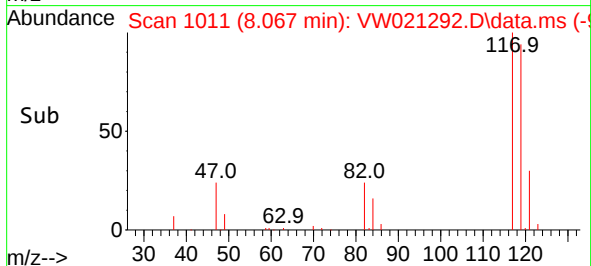
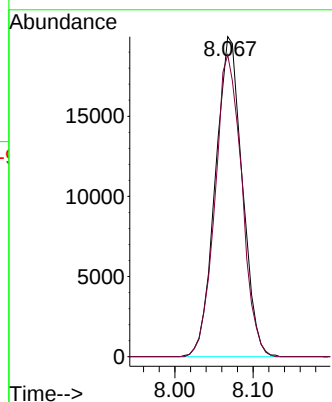
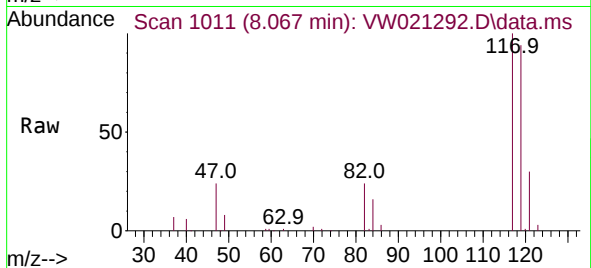




#31
Carbon tetrachloride
Concen: 27.717 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

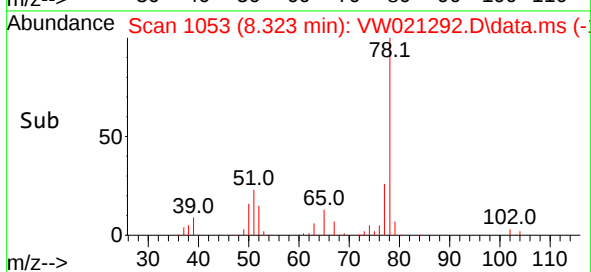
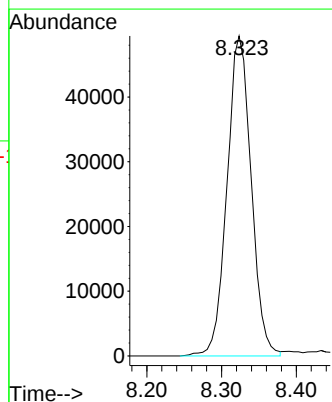
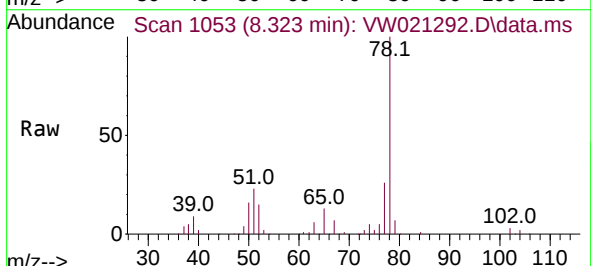
Instrument :
MSVOA_W
ClientSampleId :

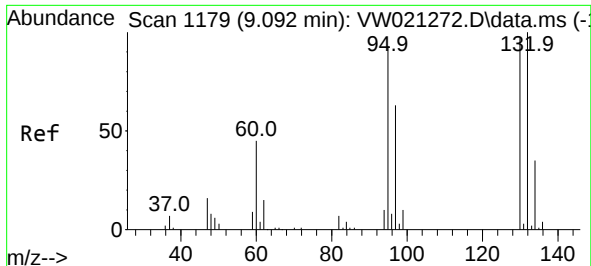
Tgt Ion:117 Resp: 47819
Ion Ratio Lower Upper
117 100
119 93.7 75.7 113.5



#33
Benzene
Concen: 24.532 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 78 Resp: 111394





#34

Trichloroethene

Concen: 24.605 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

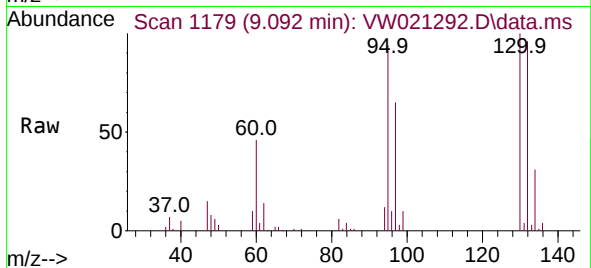
Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 31362

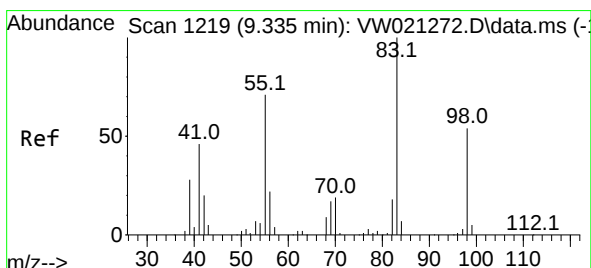
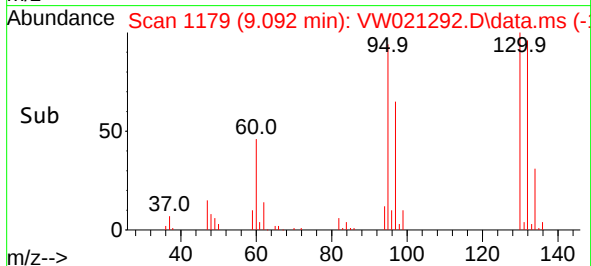
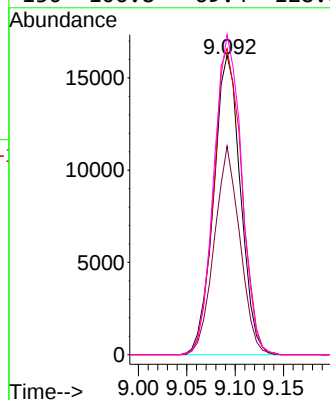
Ion Ratio Lower Upper

95 100

97 69.6 47.0 87.2

132 102.2 65.5 121.6

130 106.8 69.4 128.8



#35

Methylcyclohexane

Concen: 24.961 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

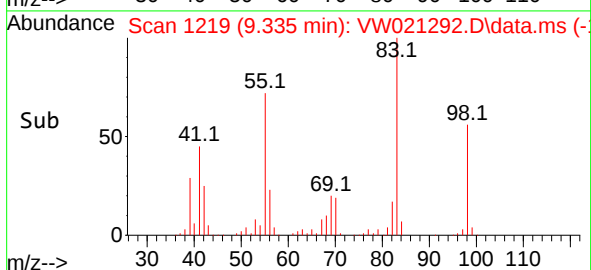
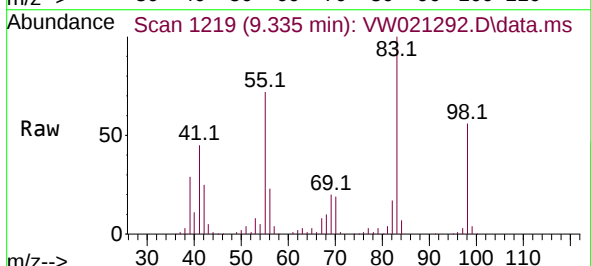
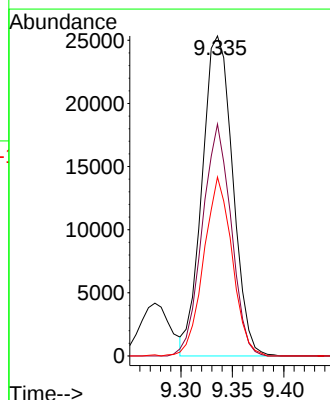
Tgt Ion: 83 Resp: 52483

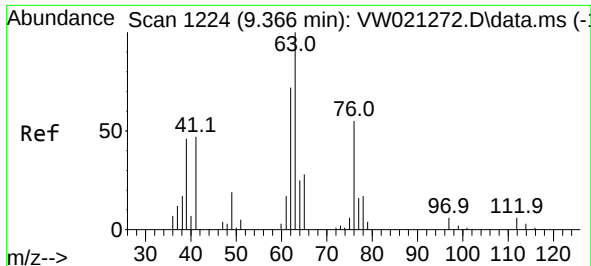
Ion Ratio Lower Upper

83 100

55 68.1 70.8 106.2#

98 51.9 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.314 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

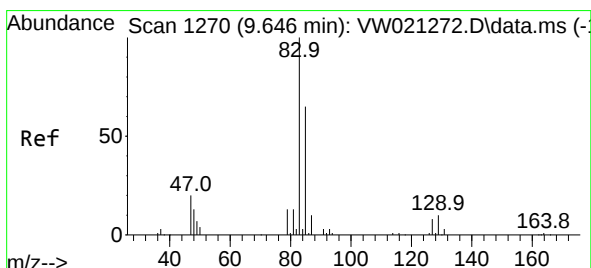
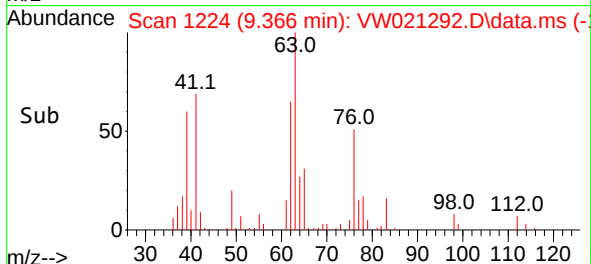
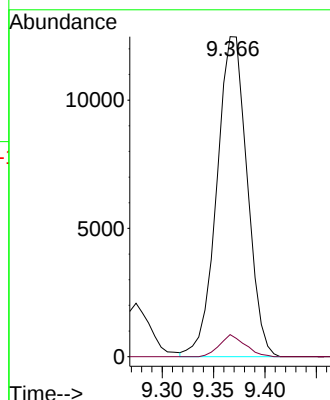
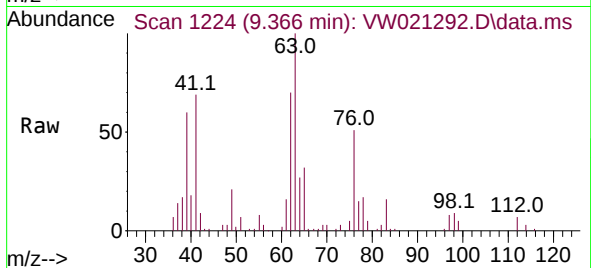
ClientSampleId :

Tgt Ion: 63 Resp: 25639

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 28.371 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

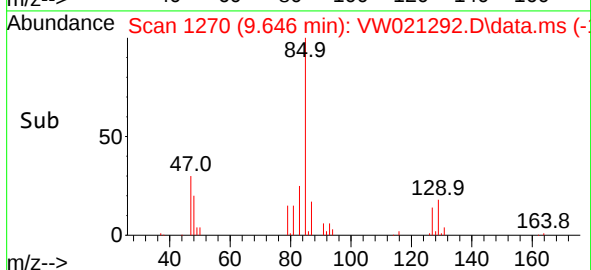
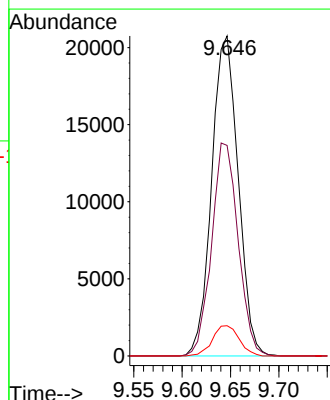
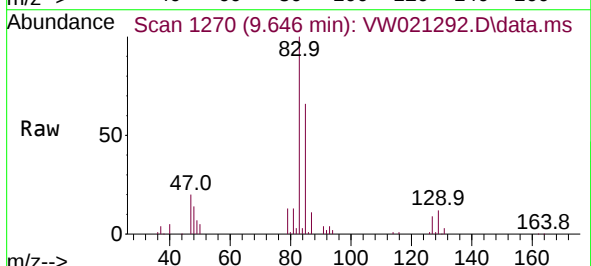
Tgt Ion: 83 Resp: 39508

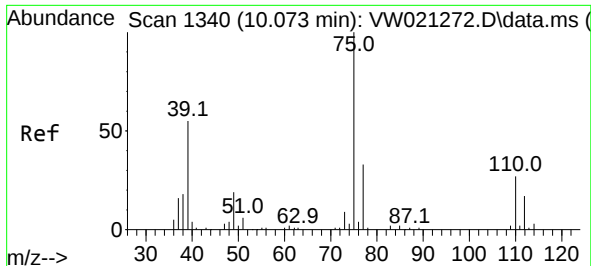
Ion Ratio Lower Upper

83 100

85 65.8 44.1 81.9

127 9.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 27.215 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

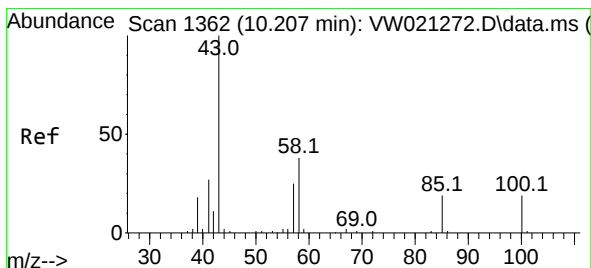
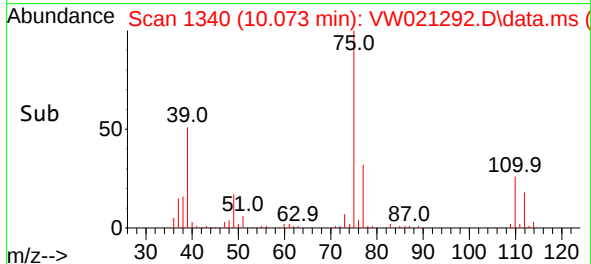
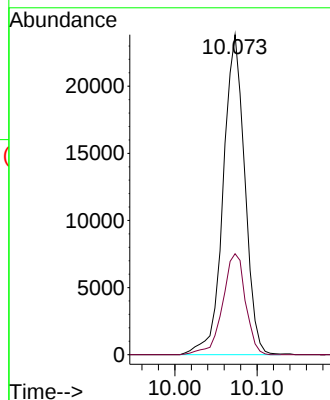
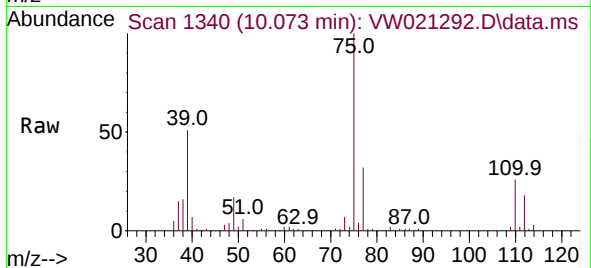
ClientSampleId :

Tgt Ion: 75 Resp: 43450

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.758 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

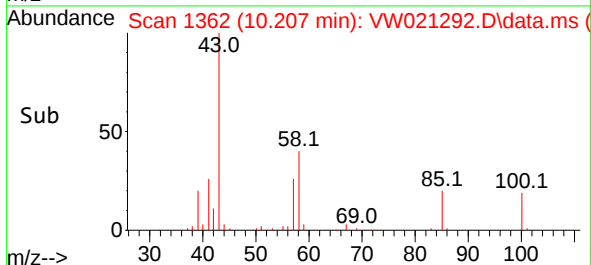
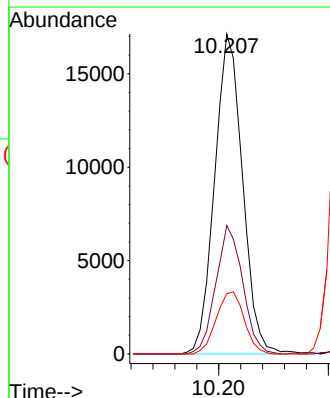
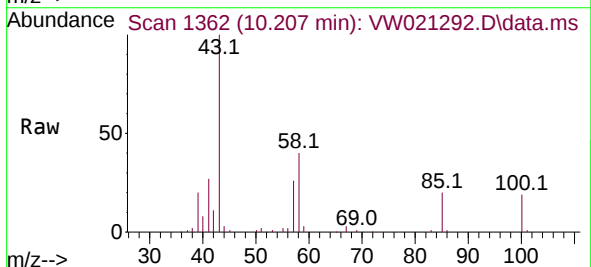
Tgt Ion: 43 Resp: 30219

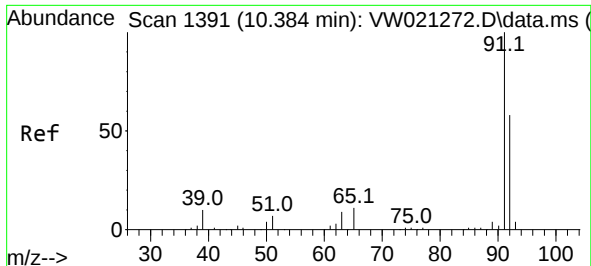
Ion Ratio Lower Upper

43 100

58 38.7 28.8 43.2

100 19.5 10.0 15.0#

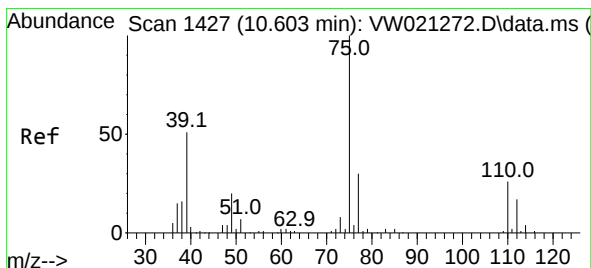
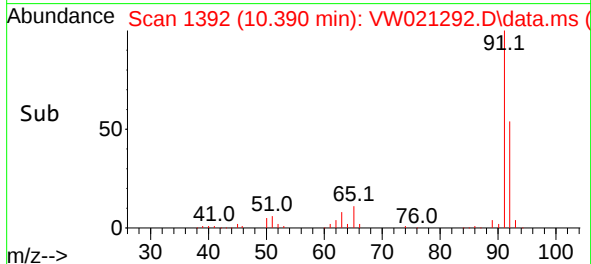
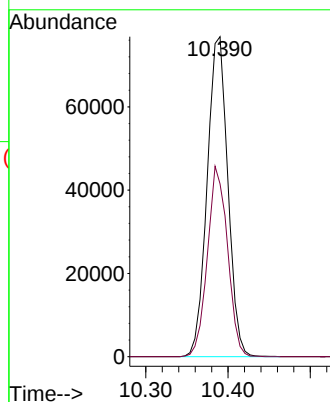
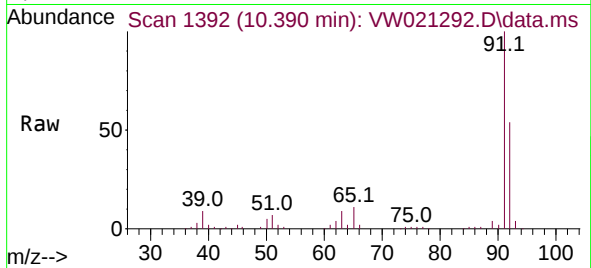




#42
Toluene
Concen: 25.293 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

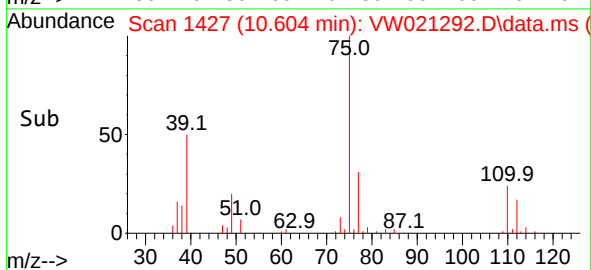
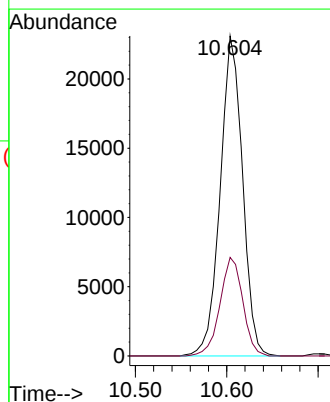
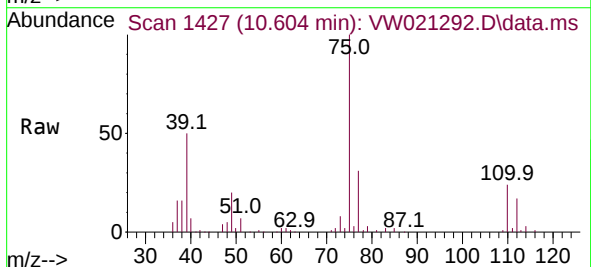
Instrument :
MSVOA_W
ClientSampleId :

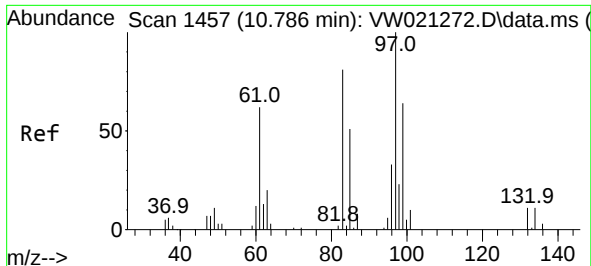
Tgt Ion: 91 Resp: 134320
Ion Ratio Lower Upper
91 100
92 54.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 28.078 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 75 Resp: 39264
Ion Ratio Lower Upper
75 100
77 30.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.823 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 22236

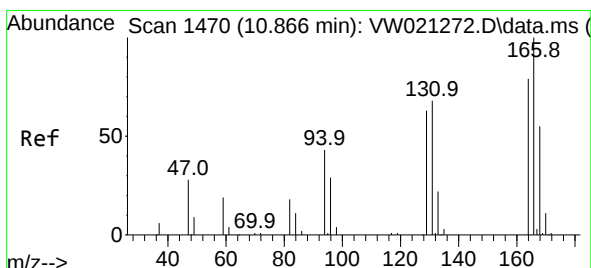
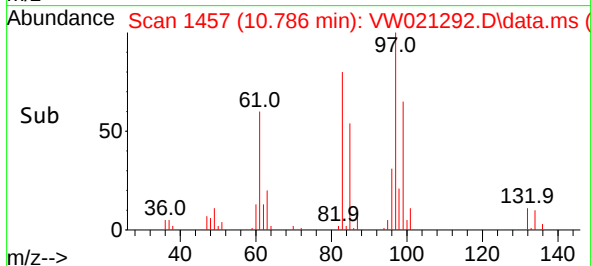
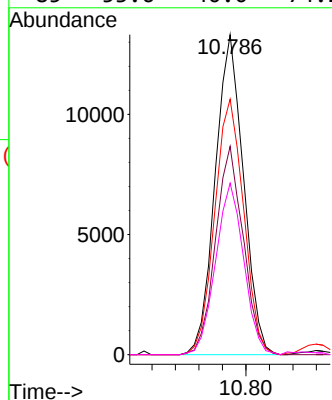
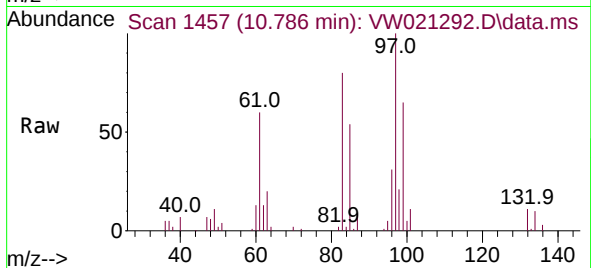
Ion Ratio Lower Upper

97 100

99 65.1 43.0 79.8

83 79.8 62.6 116.3

85 53.6 40.0 74.2



#46

Tetrachloroethene

Concen: 25.140 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Tgt Ion:164 Resp: 30441

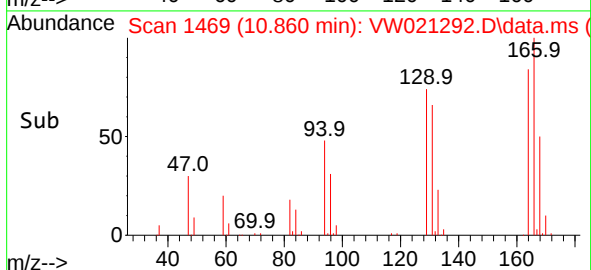
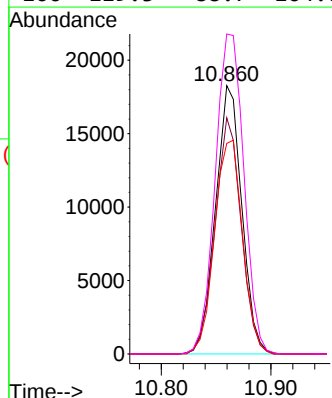
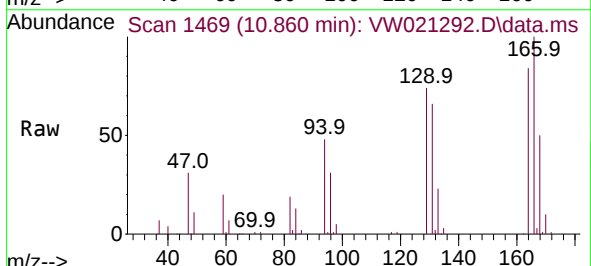
Ion Ratio Lower Upper

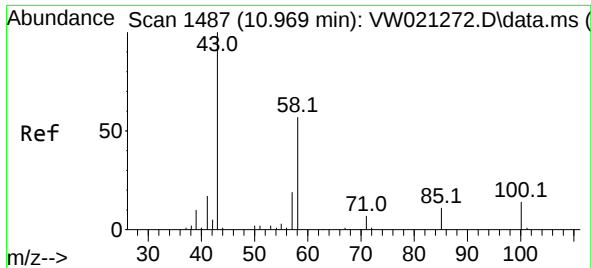
164 100

129 88.0 65.5 121.7

131 78.5 59.7 110.9

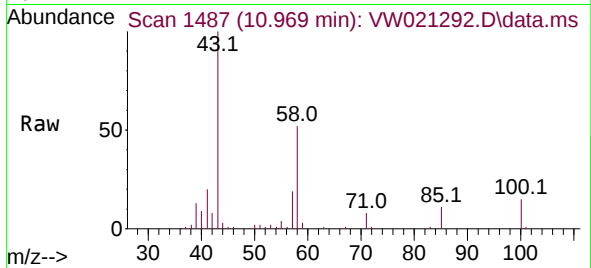
166 119.3 88.7 164.7



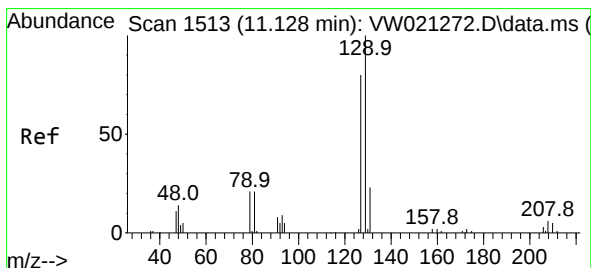
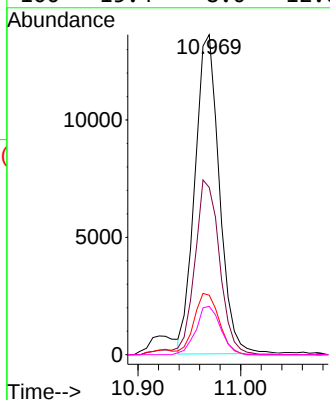
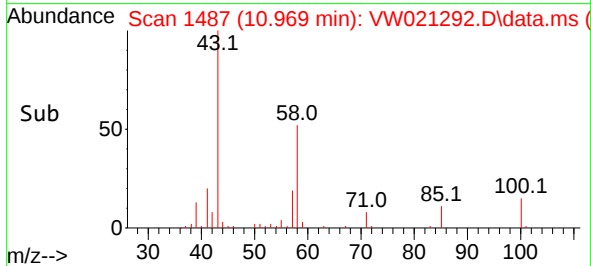


#48
2-Hexanone
Concen: 56.236 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Instrument :
MSVOA_W
ClientSampleId :

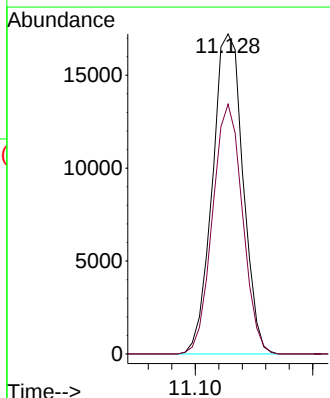
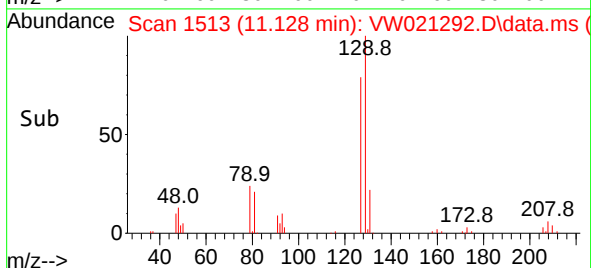
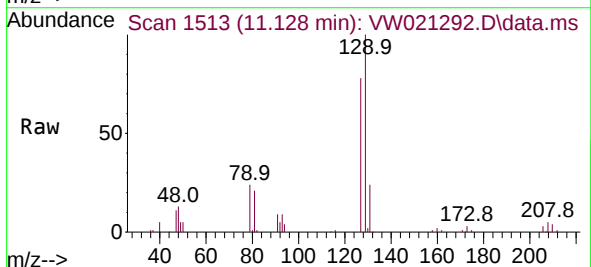


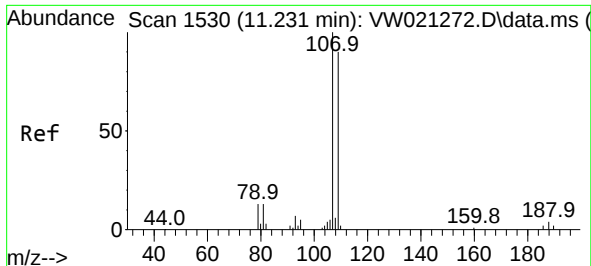
Tgt Ion: 43 Resp: 22506
Ion Ratio Lower Upper
43 100
58 55.2 40.2 60.2
57 19.9 14.3 21.5
100 15.4 8.0 12.0#



#49
Dibromochloromethane
Concen: 30.545 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 129 Resp: 31216
Ion Ratio Lower Upper
129 100
127 78.1 55.7 103.5





#50

1,2-Dibromoethane

Concen: 27.181 ug/L

RT: 11.232 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021292.D

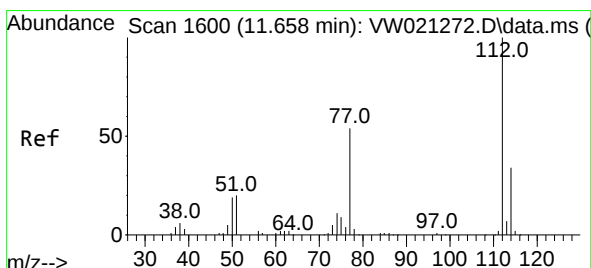
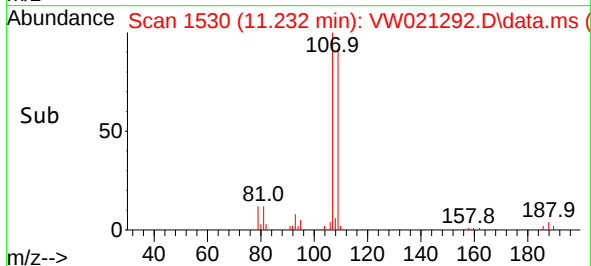
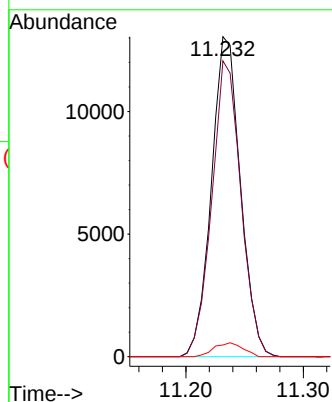
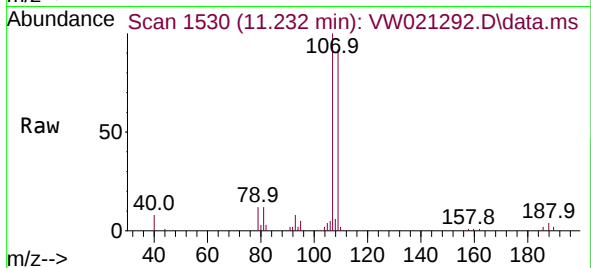
Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	22424
Ion	Ratio	Lower	Upper
107	100		
109	92.4	64.1	119.1
188	3.6	2.6	3.8



#51

Chlorobenzene

Concen: 24.674 ug/L

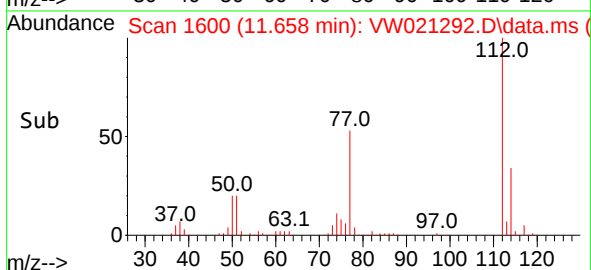
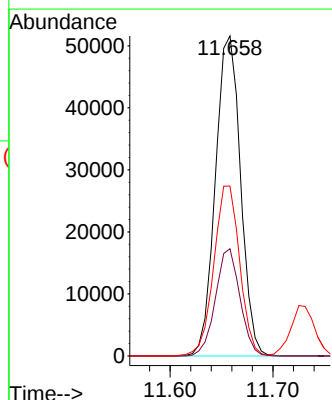
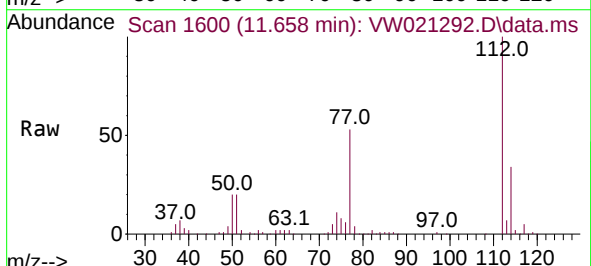
RT: 11.658 min Scan# 1600

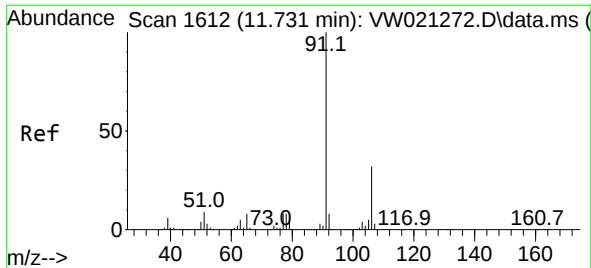
Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Tgt Ion:	112	Resp:	87728
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.4	41.6
77	53.1	50.2	75.4

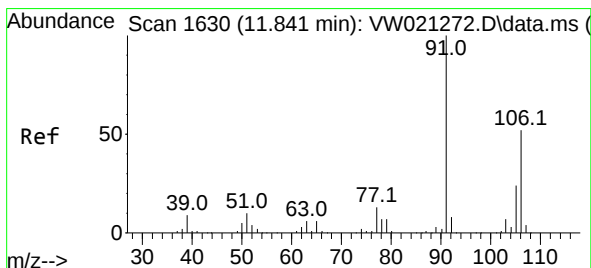
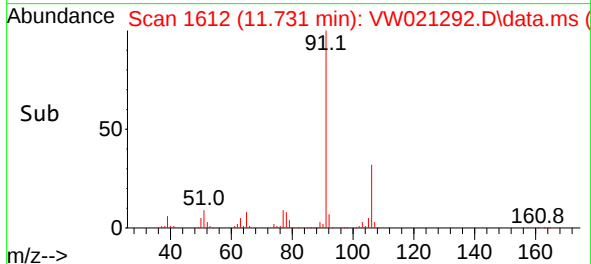
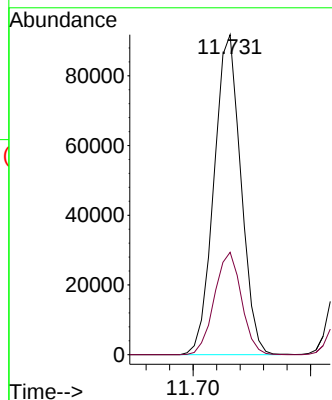
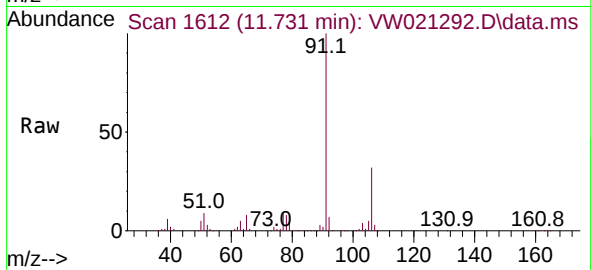




#52
Ethylbenzene
Concen: 24.054 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

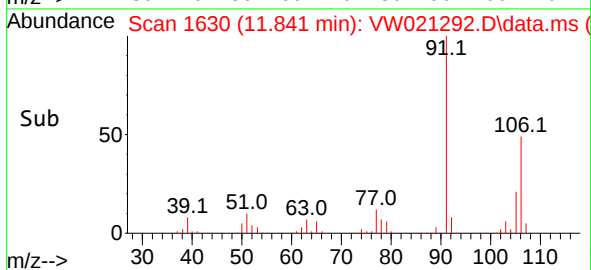
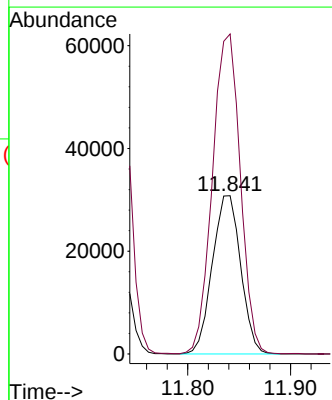
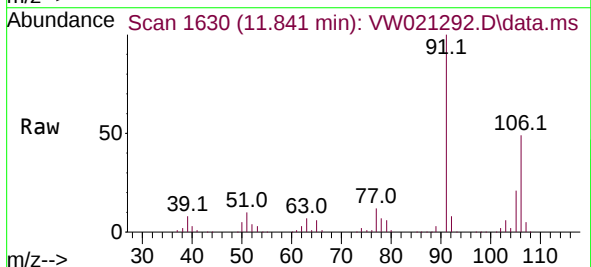
Instrument :
MSVOA_W
ClientSampleId :

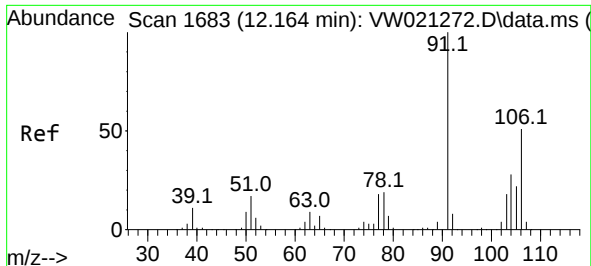
Tgt Ion: 91 Resp: 145975
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 24.086 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion:106 Resp: 58965
Ion Ratio Lower Upper
106 100
91 202.1 149.9 278.3

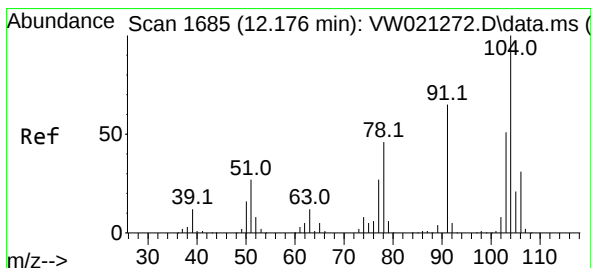
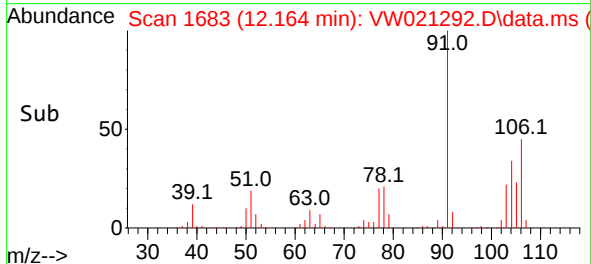
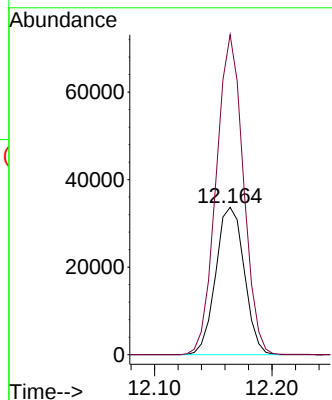
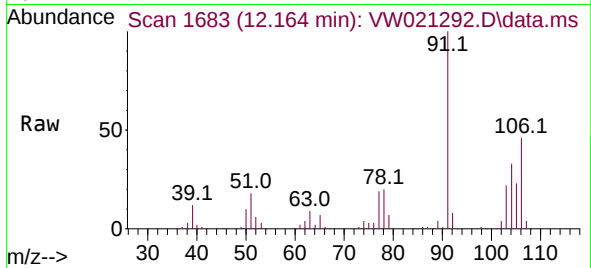




#54
o-Xylene
Concen: 24.452 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

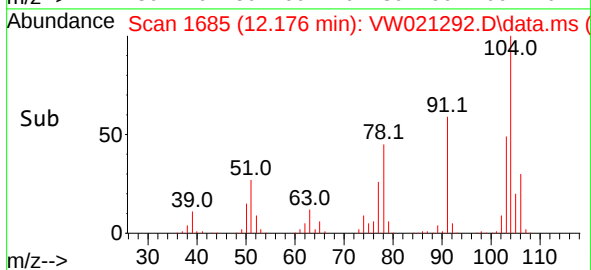
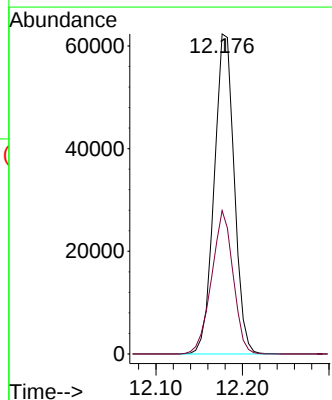
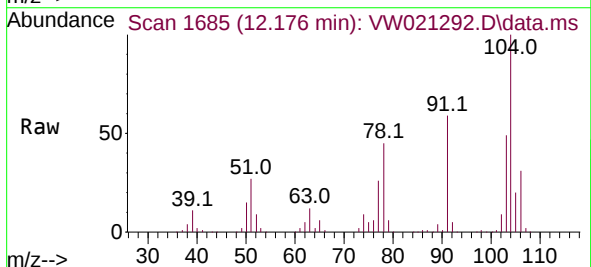
Instrument :
MSVOA_W
ClientSampleId :

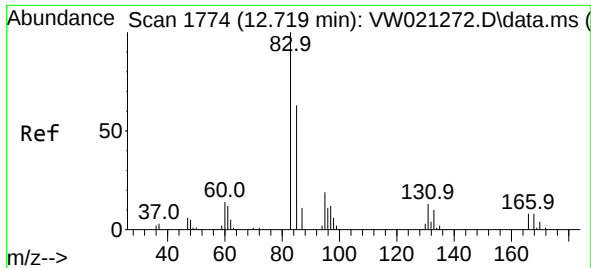
Tgt Ion:106 Resp: 56812
Ion Ratio Lower Upper
106 100
91 217.3 153.6 285.3



#55
Styrene
Concen: 25.400 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion:104 Resp: 100435
Ion Ratio Lower Upper
104 100
78 44.8 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.836 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021292.D

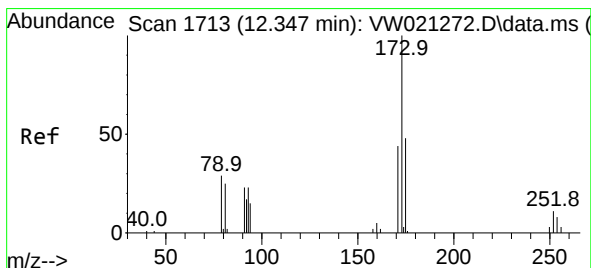
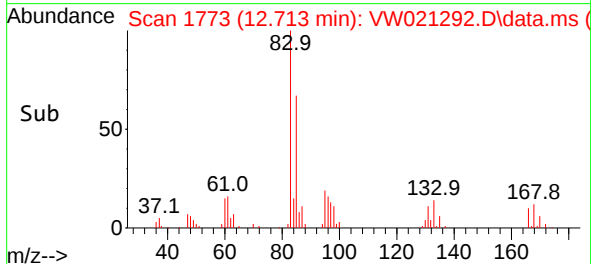
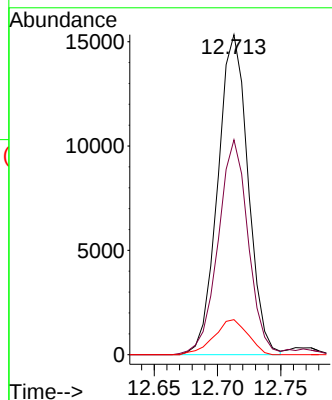
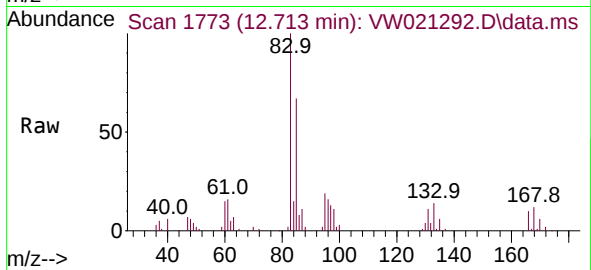
Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	25502
Ion Ratio	Lower	Upper	
83	100		
85	67.2	44.0	81.6
131	11.0	6.9	10.3#



#59

Bromoform

Concen: 32.918 ug/L

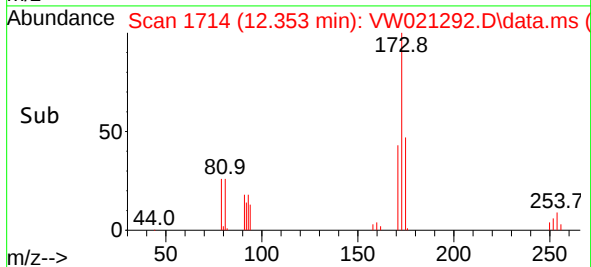
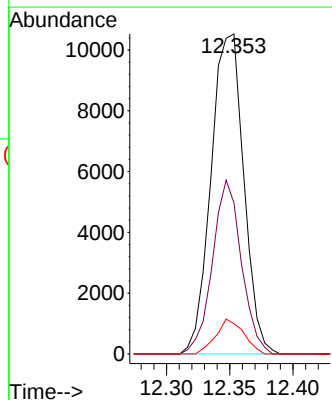
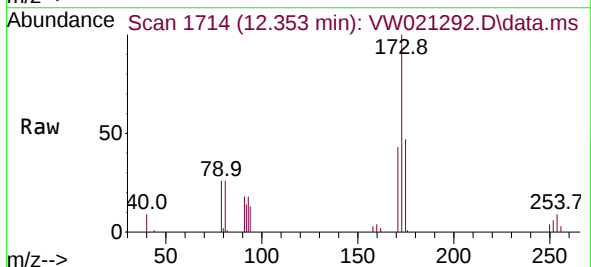
RT: 12.353 min Scan# 1714

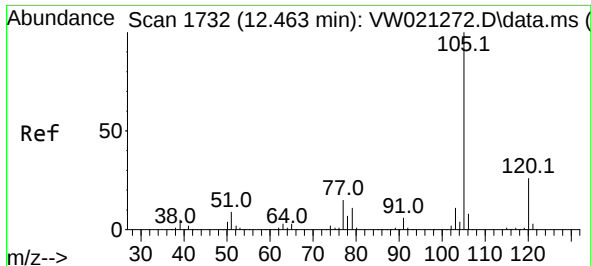
Delta R.T. 0.006 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Tgt Ion:	173	Resp:	18946
Ion Ratio	Lower	Upper	
173	100		
175	48.0	39.6	59.4
254	9.2	7.4	11.0

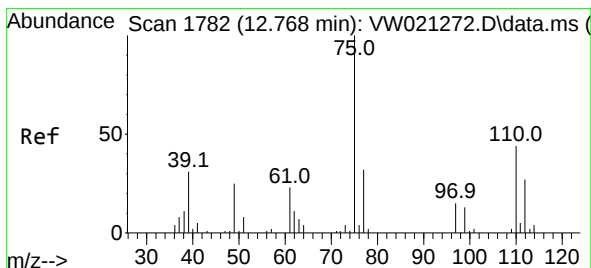
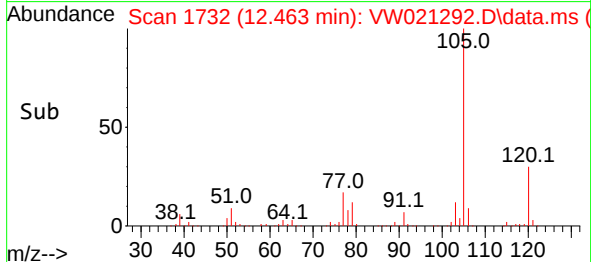
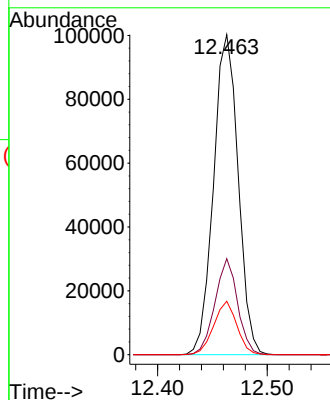
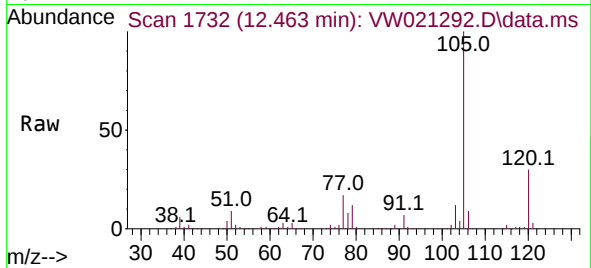




#60
Isopropylbenzene
Concen: 23.793 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

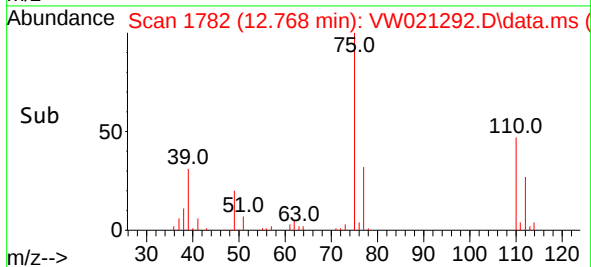
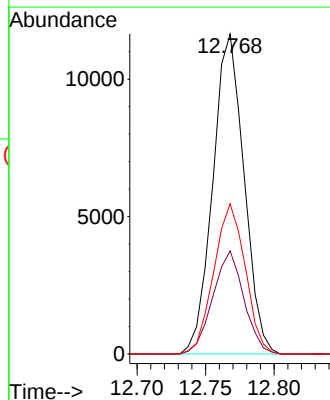
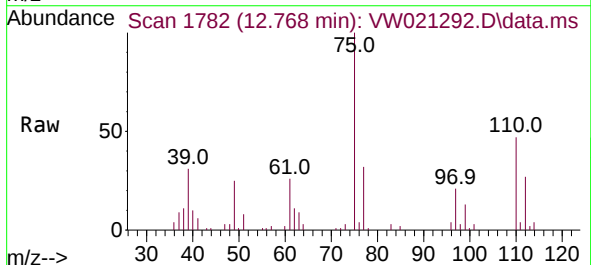
Instrument :
MSVOA_W
ClientSampleId :

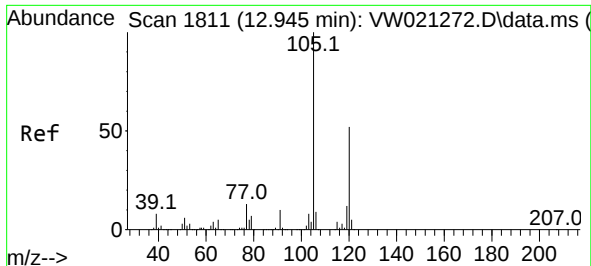
Tgt Ion:105 Resp: 156384
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.169 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion: 75 Resp: 18423
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 47.3 29.0 43.4#

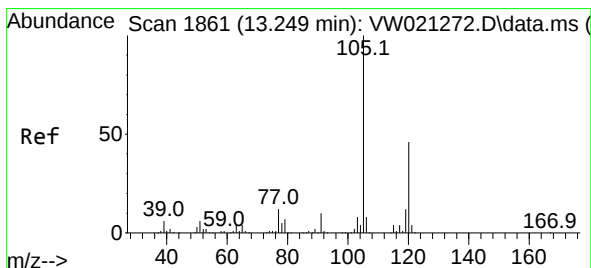
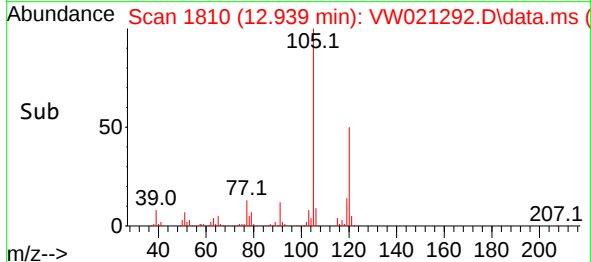
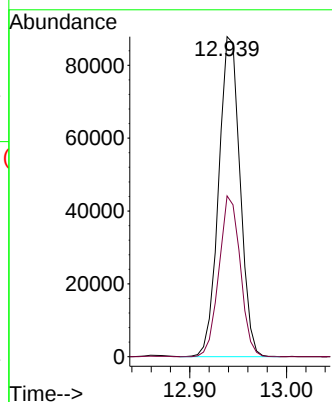
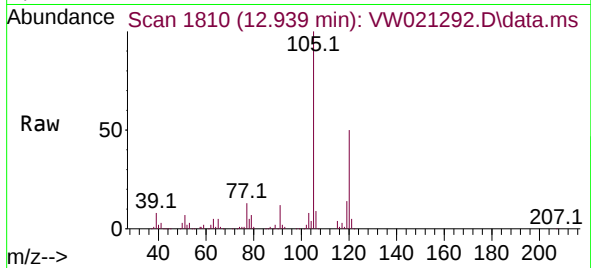




#62
1,3,5-Trimethylbenzene
Concen: 24.122 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

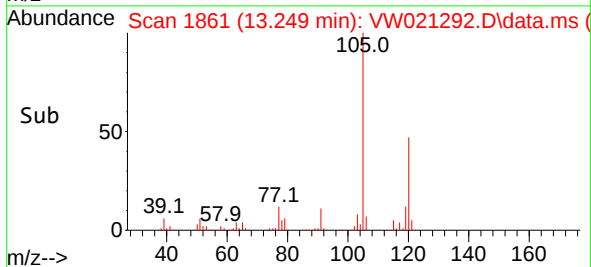
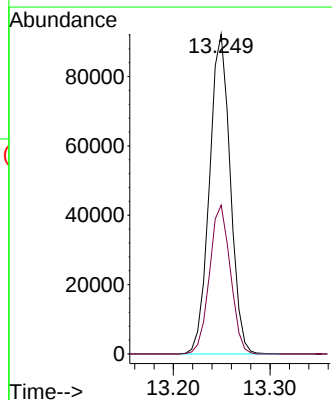
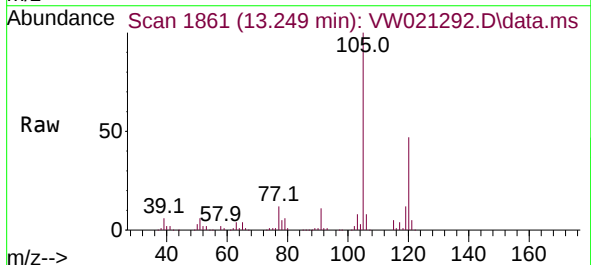
Instrument :
MSVOA_W
ClientSampleId :

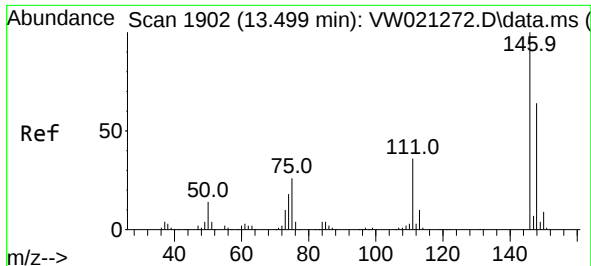
Tgt Ion:105 Resp: 134917
Ion Ratio Lower Upper
105 100
120 49.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.009 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion:105 Resp: 137988
Ion Ratio Lower Upper
105 100
120 46.6 35.0 52.6

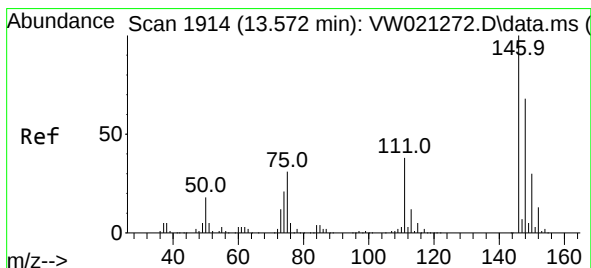
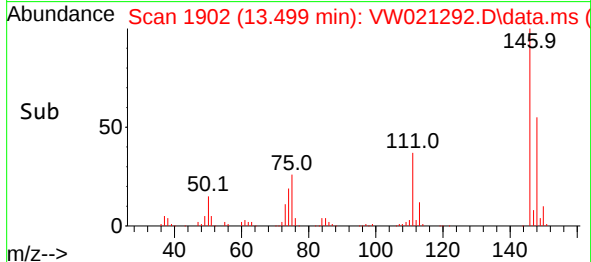
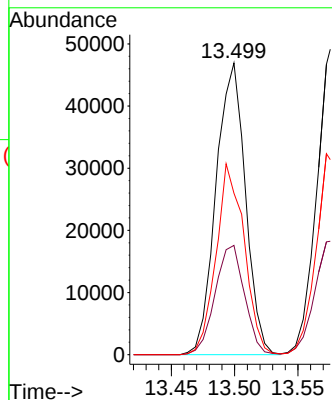
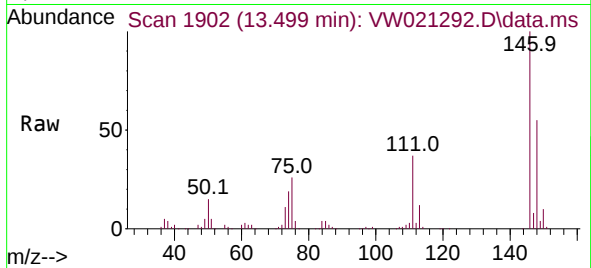




#64
1,3-Dichlorobenzene
Concen: 24.444 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

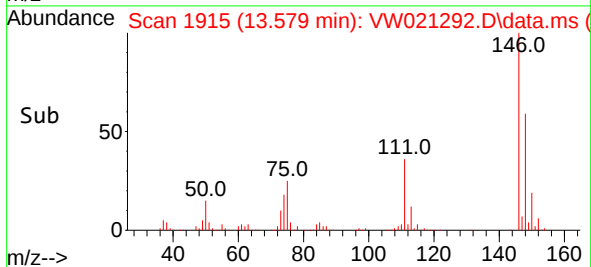
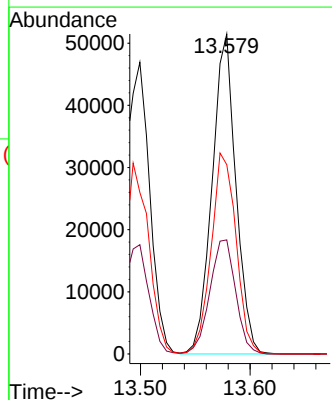
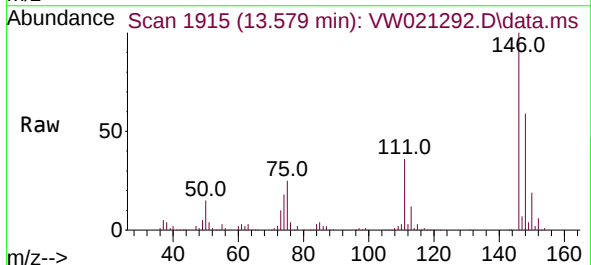
Instrument :
MSVOA_W
ClientSampleId :

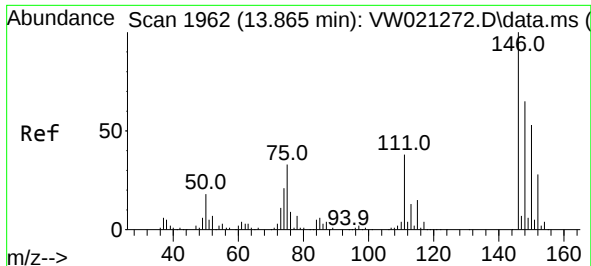
Tgt Ion:146 Resp: 75782
Ion Ratio Lower Upper
146 100
111 37.5 29.8 55.3
148 55.4 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.259 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021292.D
Acq: 10 Dec 2021 18:12

Tgt Ion:146 Resp: 77803
Ion Ratio Lower Upper
146 100
111 35.7 29.0 53.9
148 59.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.115 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

ClientSampleId :

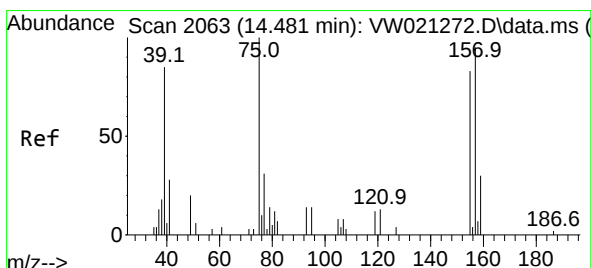
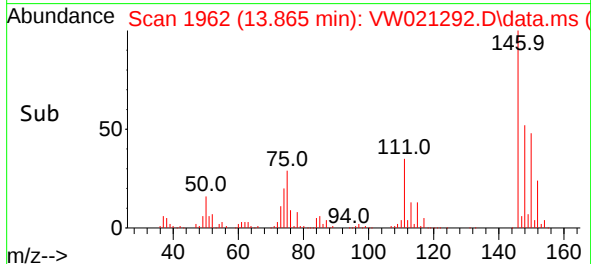
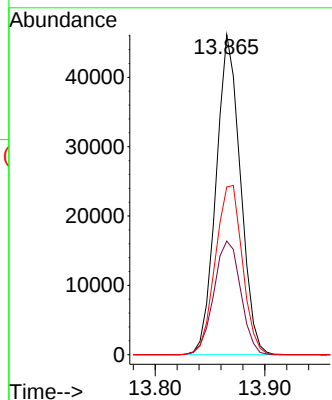
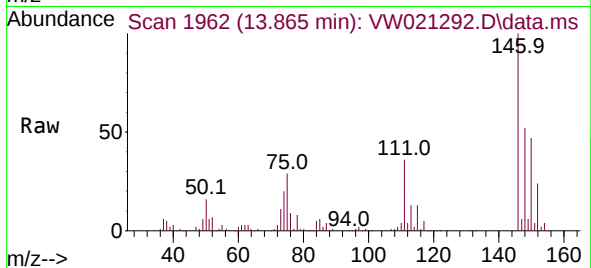
Tgt Ion:146 Resp: 71280

Ion Ratio Lower Upper

146 100

111 35.5 33.1 49.7

148 52.4 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 28.855 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

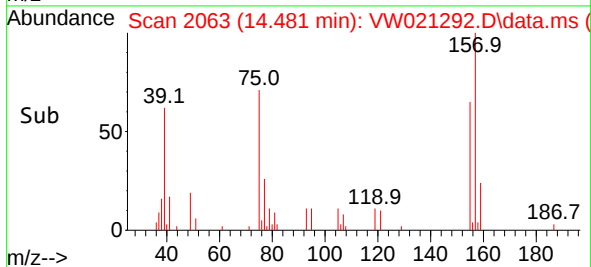
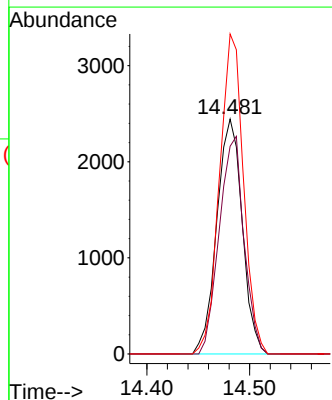
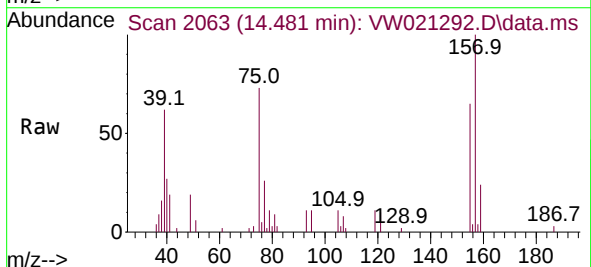
Tgt Ion: 75 Resp: 4190

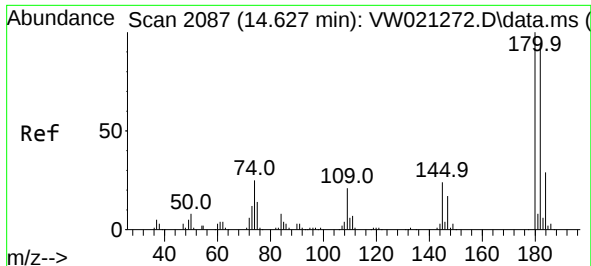
Ion Ratio Lower Upper

75 100

155 88.4 54.2 81.2#

157 136.2 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 24.259 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

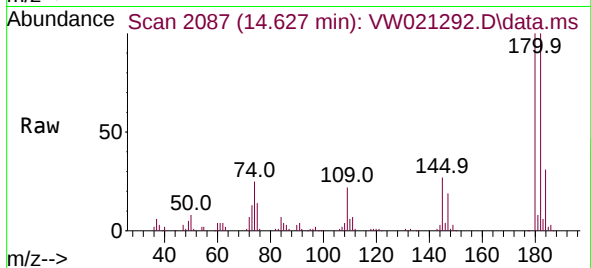
Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 56213

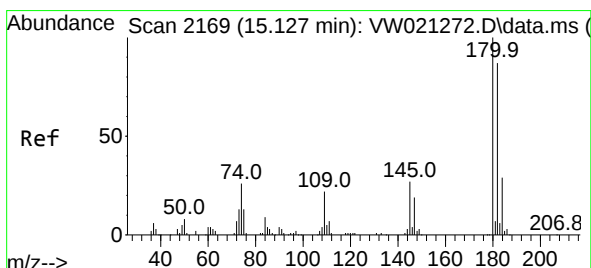
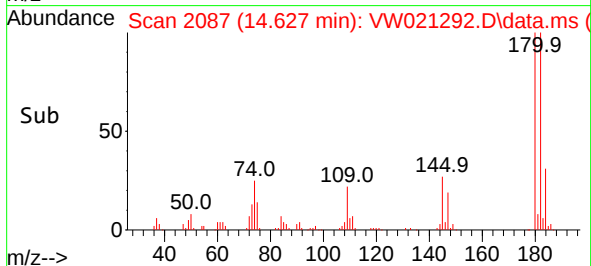
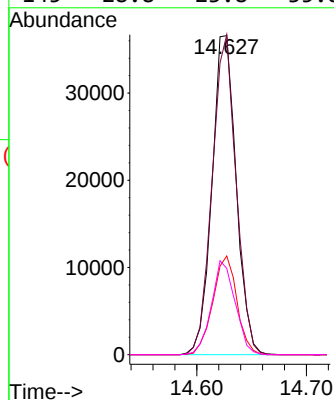
Ion Ratio Lower Upper

180 100

182 98.9 75.4 113.0

184 30.8 23.8 35.8

145 28.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.890 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

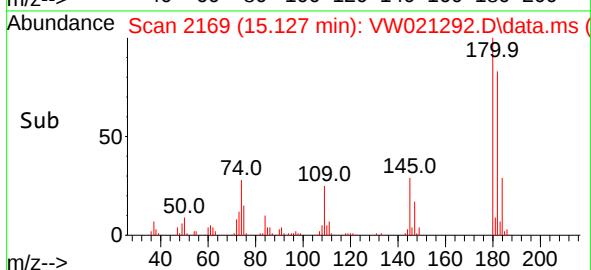
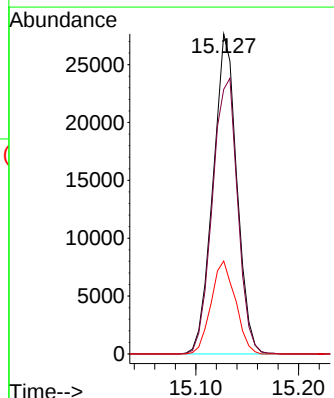
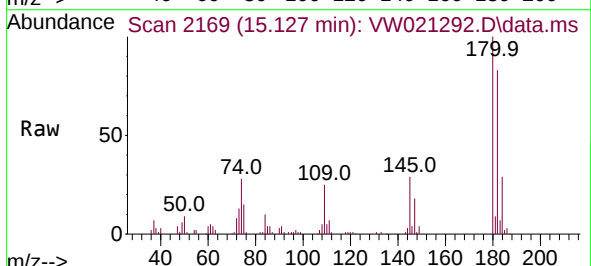
Tgt Ion:180 Resp: 44526

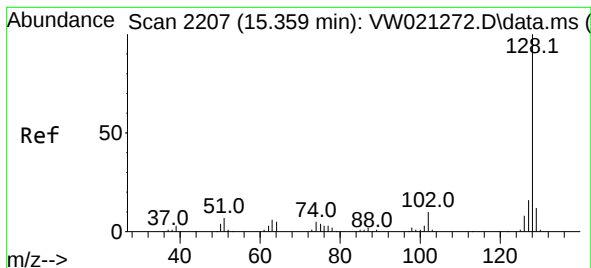
Ion Ratio Lower Upper

180 100

182 91.2 79.0 118.6

145 29.7 26.0 39.0





#71

Naphthalene

Concen: 24.764 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Instrument :

MSVOA_W

ClientSampleId :

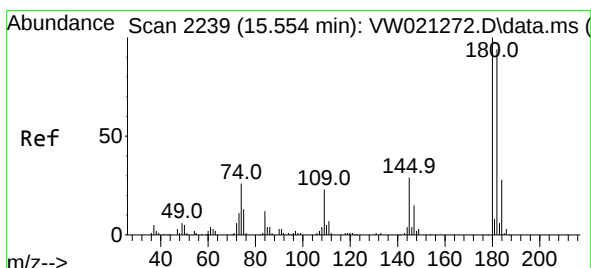
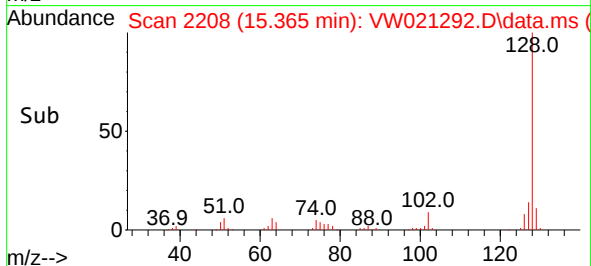
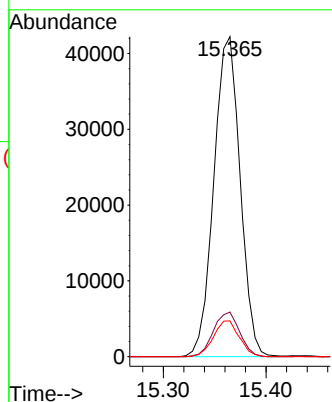
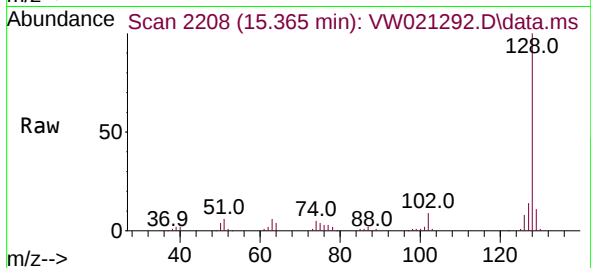
Tgt Ion:128 Resp: 74984

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.653 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021292.D

Acq: 10 Dec 2021 18:12

Tgt Ion:180 Resp: 39513

Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

145 30.5 27.4 41.0

