

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021556.D
 Acq On : 22 Dec 2021 10:25
 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 23 00:31:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	111087	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	111623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39572	19.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.240%
7) Chloroethane-d5	2.885	69	30709	22.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
11) 1,1-Dichloroethene-d2	4.019	63	68601	25.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.720%
21) 2-Butanone-d5	7.080	46	19551	68.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.100%#
24) Chloroform-d	7.647	84	83982	27.128	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.520%
26) 1,2-Dichloroethane-d4	8.305	65	44460	26.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	8.274	84	152016	24.845	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	9.274	67	41990	25.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	10.323	98	153017	24.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.920%
43) trans-1,3-Dichloroprop...	10.579	79	20078	26.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.280%
47) 2-Hexanone-d5	10.920	63	16737	68.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.960%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39660	28.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	61535	23.076	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10577	24.643	ug/L	98
3) Chloromethane	2.215	50	29055	20.447	ug/L	100
5) Vinyl chloride	2.361	62	46434	20.816	ug/L	97
6) Bromomethane	2.776	94	29208	20.186	ug/L	100
8) Chloroethane	2.916	64	24065	23.417	ug/L	96
9) Trichlorofluoromethane	3.257	101	33927	28.824	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39577	25.801	ug/L	91
12) 1,1-Dichloroethene	4.044	96	34640	25.157	ug/L	71
13) Acetone	4.123	43	16724	65.414	ug/L	96
14) Carbon disulfide	4.379	76	77972	21.927	ug/L	99
15) Methyl Acetate	4.672	43	13170	29.855	ug/L	# 88
16) Methylene chloride	4.915	84	38209	20.816	ug/L	84
17) trans-1,2-Dichloroethene	5.427	96	36797	24.681	ug/L	79
18) Methyl tert-butyl Ether	5.421	73	58194	28.261	ug/L	94
19) 1,1-Dichloroethane	6.220	63	60782	25.980	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	40275	25.611	ug/L	81
22) 2-Butanone	7.171	43	21235	63.601	ug/L	87
23) Bromochloromethane	7.512	128	18349	24.955	ug/L	# 66
25) Chloroform	7.677	83	70567	25.983	ug/L	96

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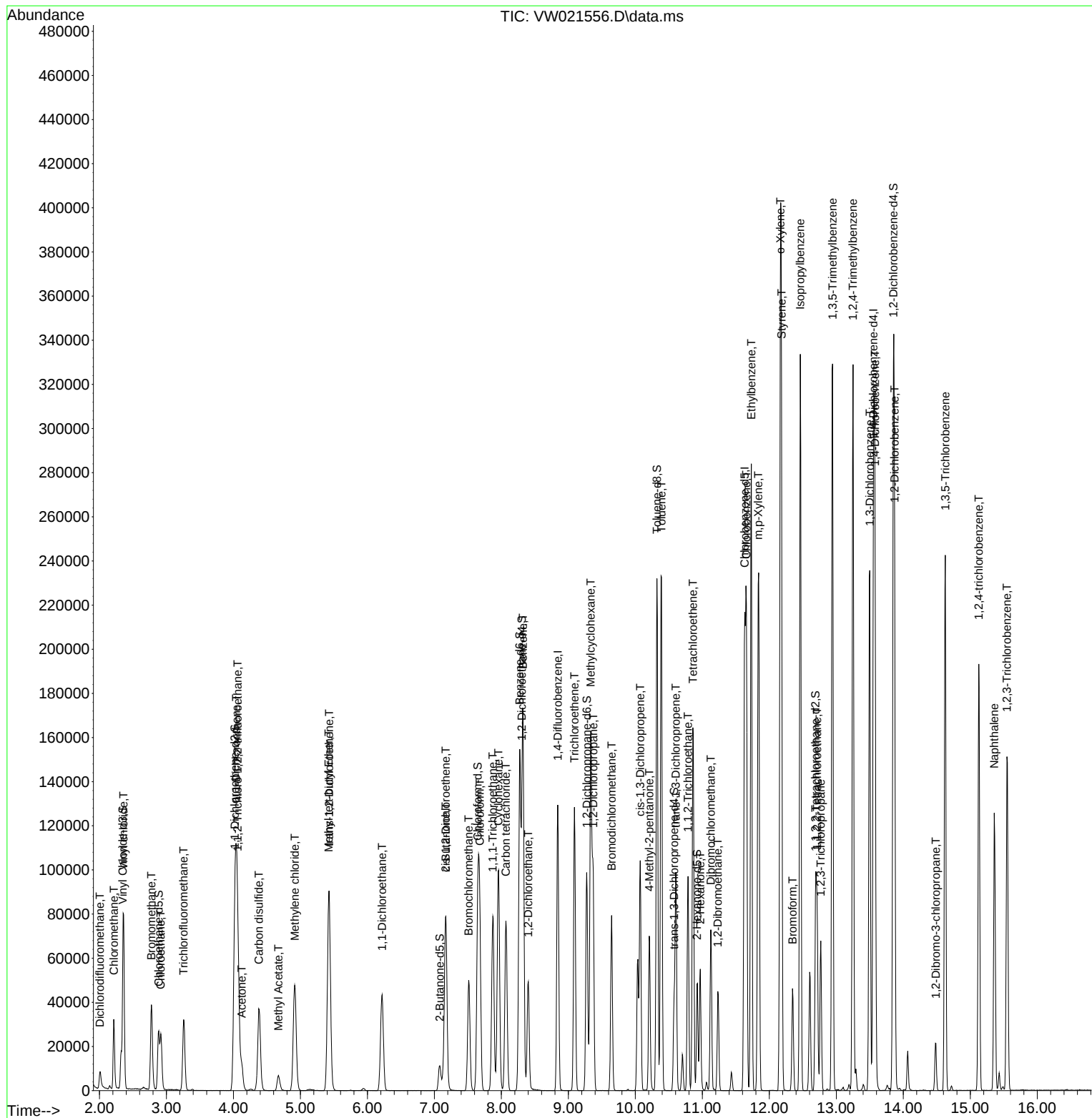
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	45682	26.561	ug/L #	94
29) Cyclohexane	7.957	56	53269	23.976	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	63763	25.459	ug/L	95
31) Carbon tetrachloride	8.067	117	59337	25.683	ug/L	100
33) Benzene	8.323	78	144581	23.777	ug/L	100
34) Trichloroethene	9.091	95	42116	24.673	ug/L	92
35) Methylcyclohexane	9.335	83	66522	23.625	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	34171	25.194	ug/L #	96
38) Bromodichloromethane	9.646	83	50322	26.984	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	56656	26.499	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	42704	57.783	ug/L #	90
42) Toluene	10.390	91	171810	24.159	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	50982	27.224	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	29872	26.908	ug/L	96
46) Tetrachloroethene	10.859	164	39159	24.149	ug/L	88
48) 2-Hexanone	10.969	43	33446	62.406	ug/L #	92
49) Dibromochloromethane	11.128	129	36985	27.025	ug/L	100
50) 1,2-Dibromoethane	11.231	107	29340	26.557	ug/L	93
51) Chlorobenzene	11.658	112	111477	23.413	ug/L	94
52) Ethylbenzene	11.731	91	194963	23.990	ug/L	95
53) m,p-Xylene	11.835	106	78037	23.803	ug/L	85
54) o-Xylene	12.164	106	74625	23.985	ug/L	90
55) Styrene	12.182	104	131095	24.757	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	34483	27.097	ug/L #	99
59) Bromoform	12.347	173	21223	25.923	ug/L	98
60) Isopropylbenzene	12.463	105	214128	22.903	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	25617	25.581	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.944	105	181383	22.799	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	178285	22.717	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	99675	22.602	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	97706	22.300	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	92156	23.737	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.487	75	5175	25.054	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	74305	22.544	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	61581	23.228	ug/L	99
71) Naphthalene	15.359	128	108214	25.125	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	53341	24.346	ug/L	95

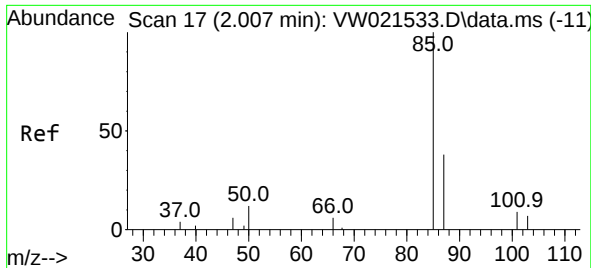
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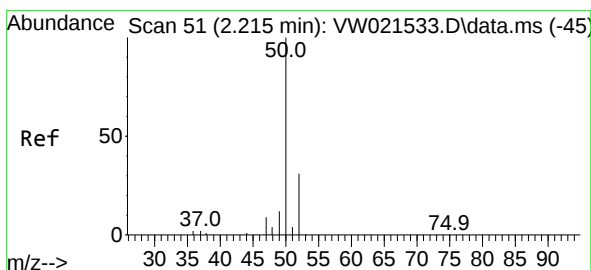
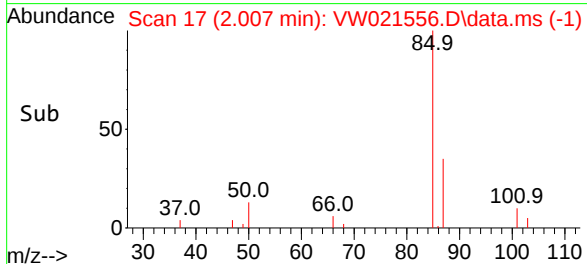
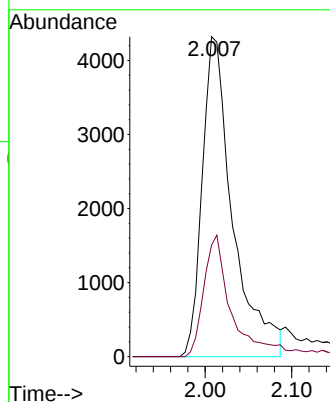
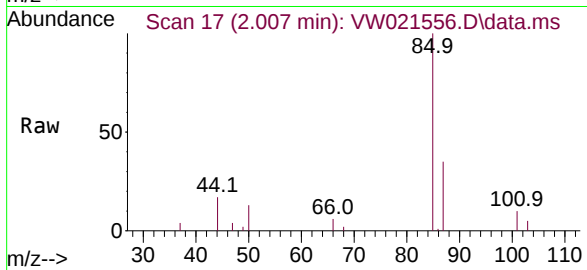




#2
 Dichlorodifluoromethane
 Concen: 24.643 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021556.D
 Acq: 22 Dec 2021 10:25

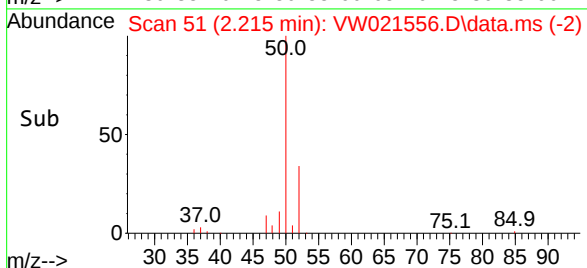
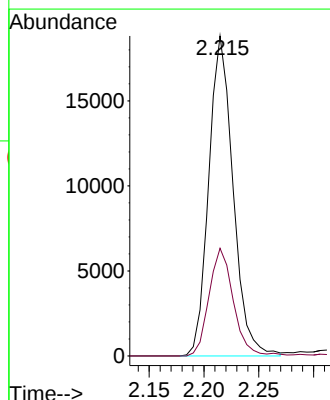
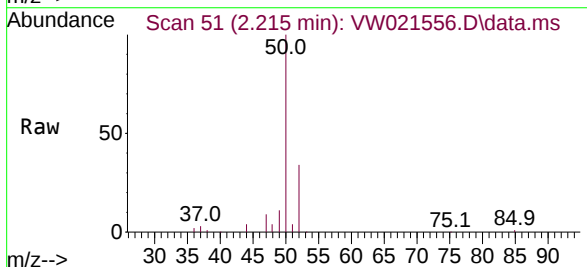
Instrument :
 MSVOA_W
 ClientSampleId :

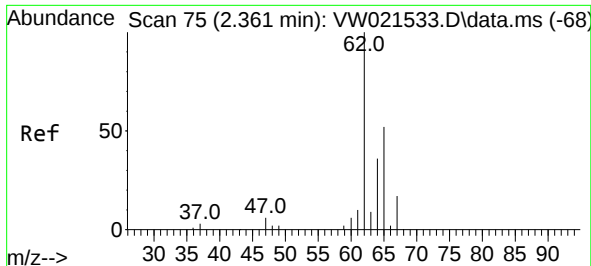
Tgt Ion: 85 Resp: 10577
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.6



#3
 Chloromethane
 Concen: 20.447 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021556.D
 Acq: 22 Dec 2021 10:25

Tgt Ion: 50 Resp: 29055
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.6





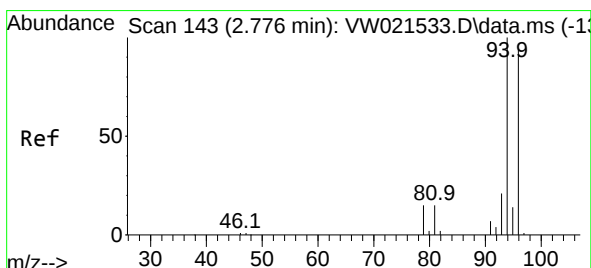
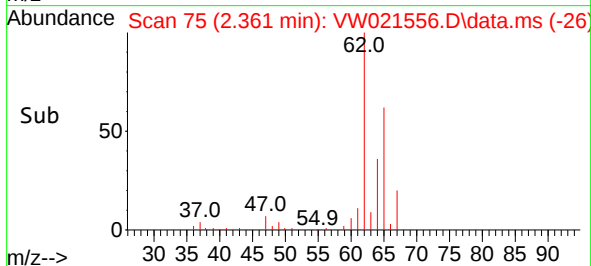
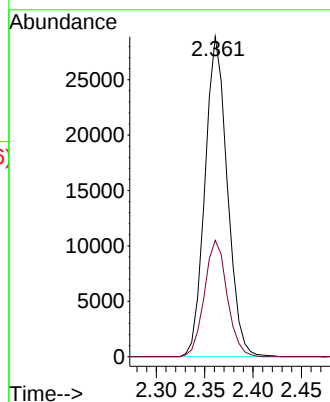
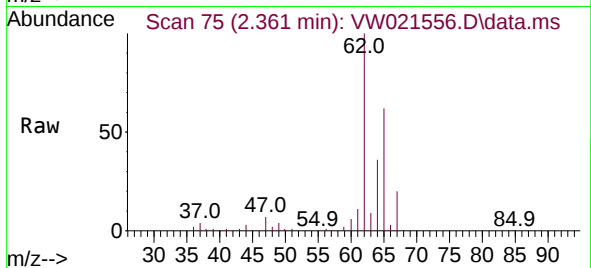
#5
 Vinyl chloride
 Concen: 20.816 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021556.D
 Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

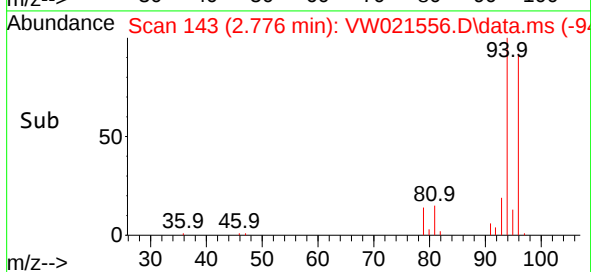
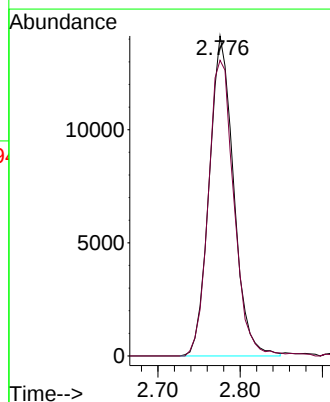
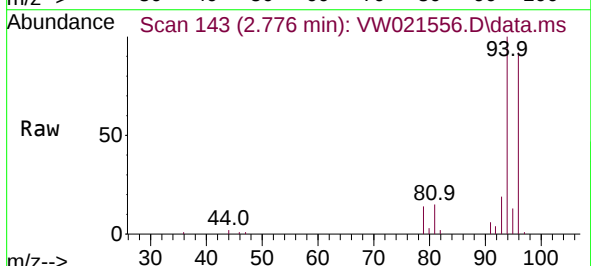
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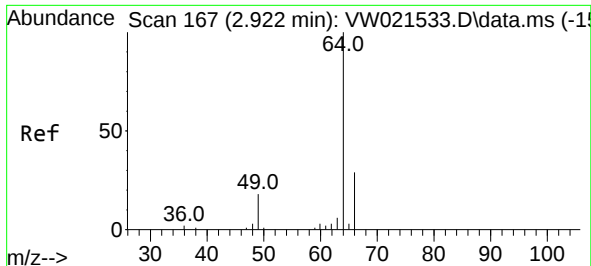
Tgt Ion: 62 Resp: 46434
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.4 45.2



#6
 Bromomethane
 Concen: 20.186 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021556.D
 Acq: 22 Dec 2021 10:25

Tgt Ion: 94 Resp: 29208
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.8 120.4





#8

Chloroethane

Concen: 23.417 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

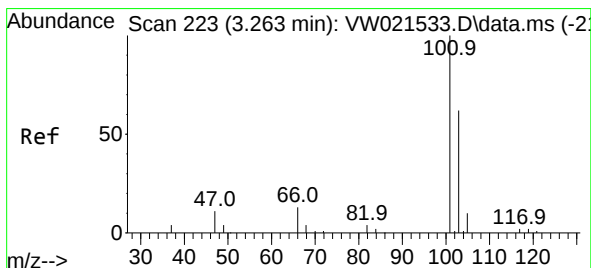
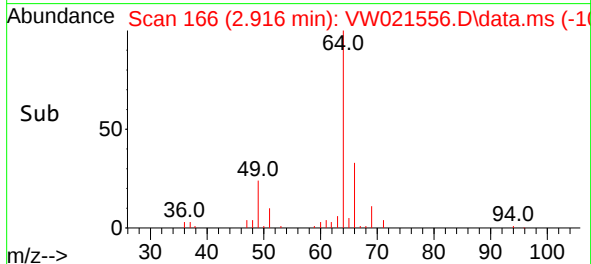
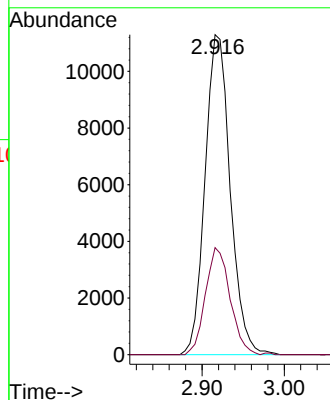
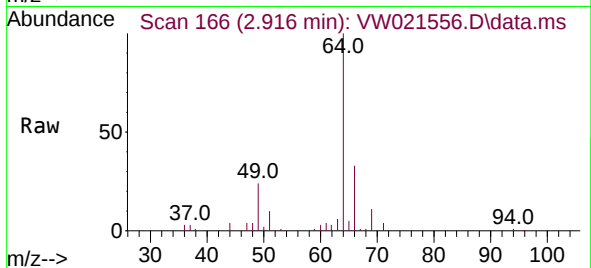
ClientSampleId :

Tgt Ion: 64 Resp: 24065

Ion Ratio Lower Upper

64 100

66 33.5 22.0 40.8



#9

Trichlorofluoromethane

Concen: 28.824 ug/L

RT: 3.257 min Scan# 222

Delta R.T. -0.006 min

Lab File: VW021556.D

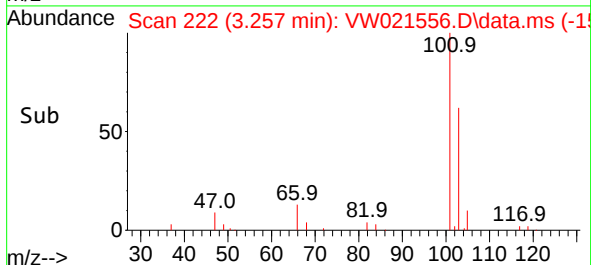
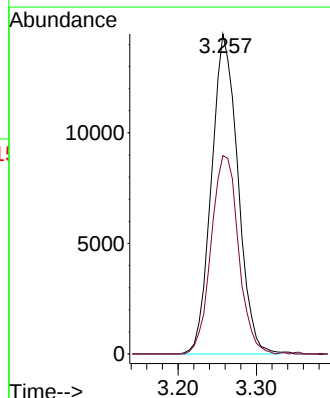
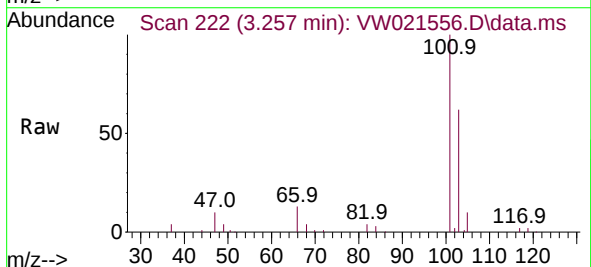
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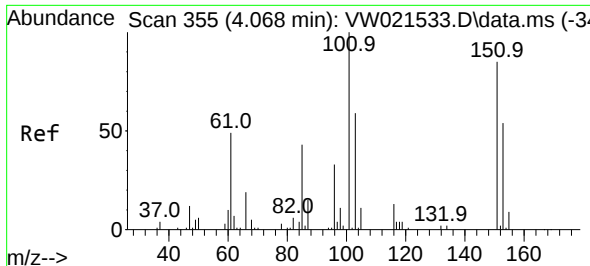
Tgt Ion:101 Resp: 33927

Ion Ratio Lower Upper

101 100

103 64.1 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.801 ug/L

RT: 4.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :

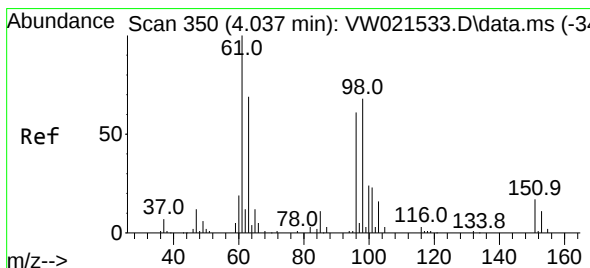
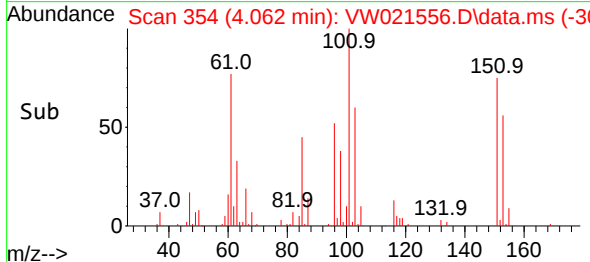
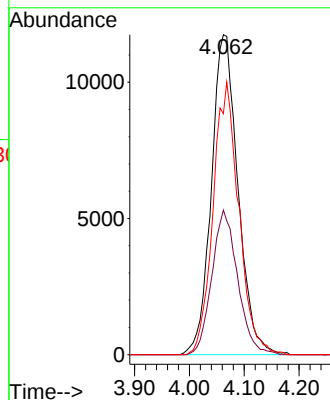
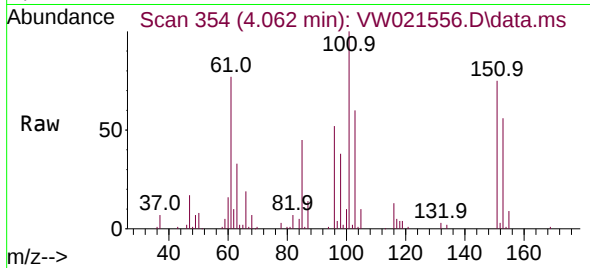
Tgt Ion:101 Resp: 39577

Ion Ratio Lower Upper

101 100

85 43.8 36.6 54.8

151 82.2 57.4 86.0



#12

1,1-Dichloroethene

Concen: 25.157 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

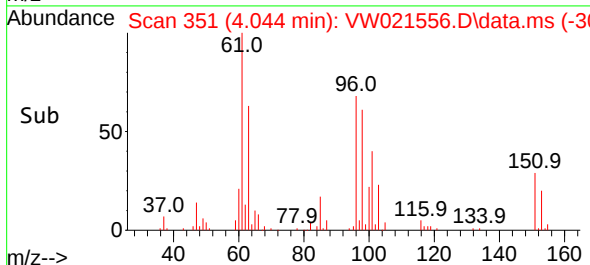
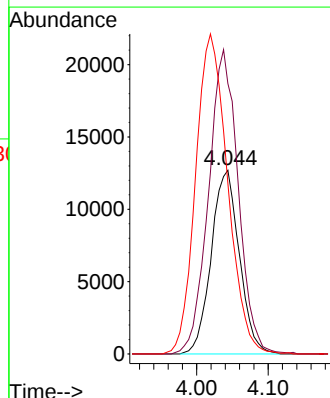
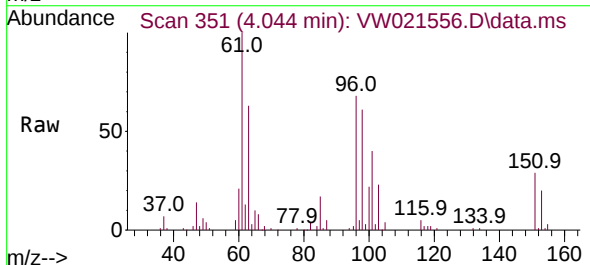
Tgt Ion: 96 Resp: 34640

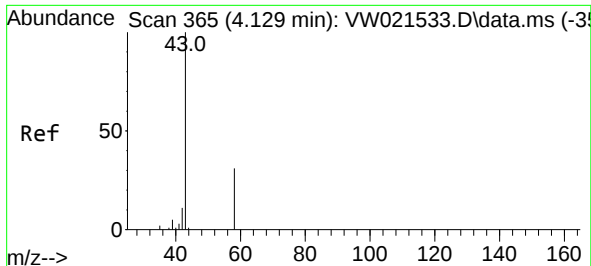
Ion Ratio Lower Upper

96 100

61 147.2 138.3 256.9

63 93.0 82.6 153.4





#13

Acetone

Concen: 65.414 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

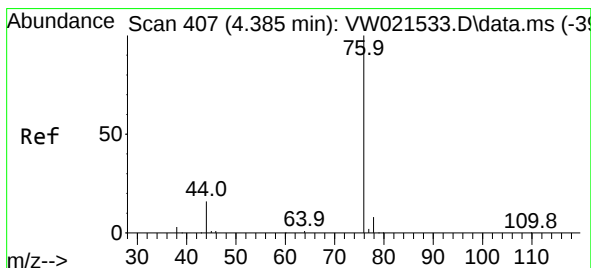
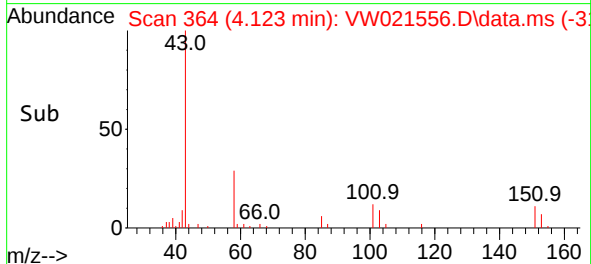
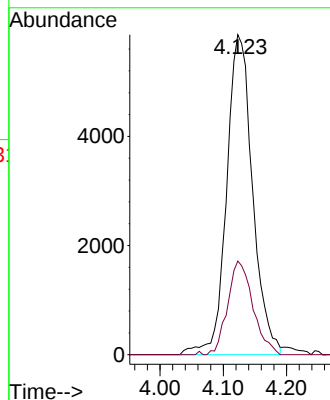
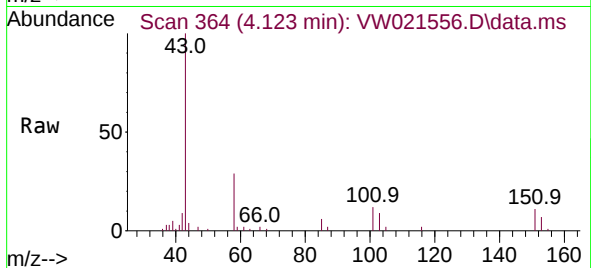
ClientSampleId :

Tgt Ion: 43 Resp: 16724

Ion Ratio Lower Upper

43 100

58 28.4 0.0 52.8



#14

Carbon disulfide

Concen: 21.927 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021556.D

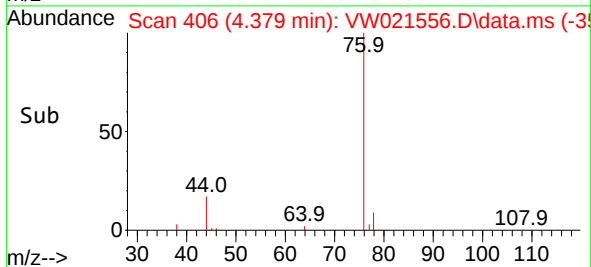
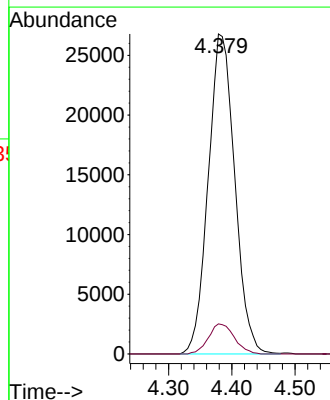
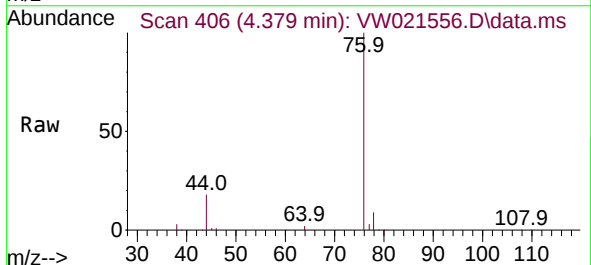
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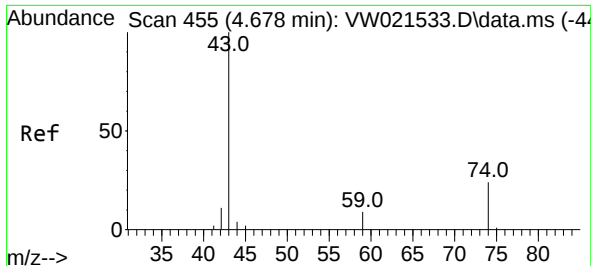
Tgt Ion: 76 Resp: 77972

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

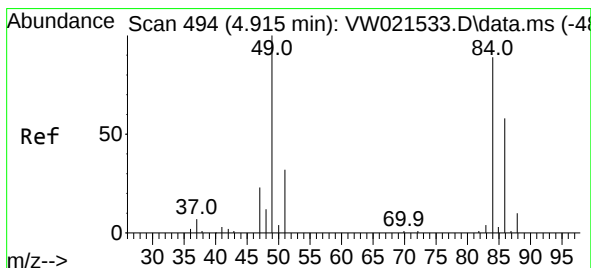
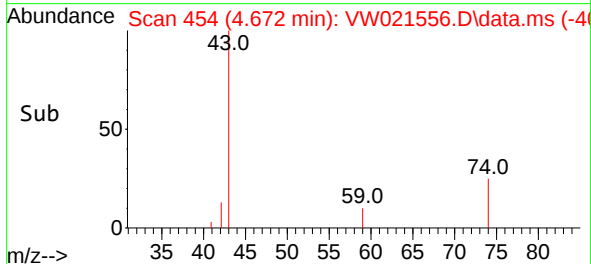
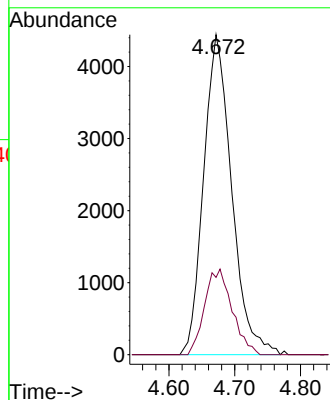
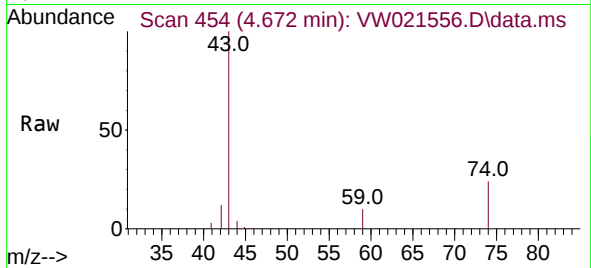




#15
Methyl Acetate
Concen: 29.855 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

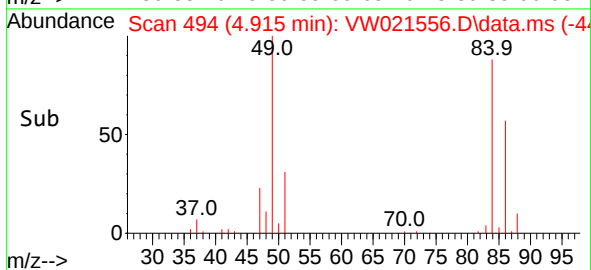
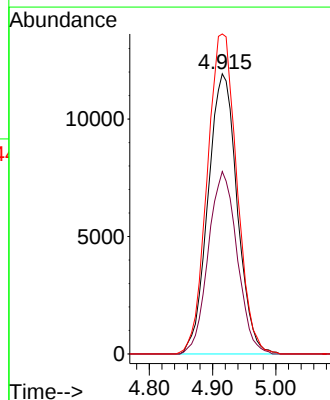
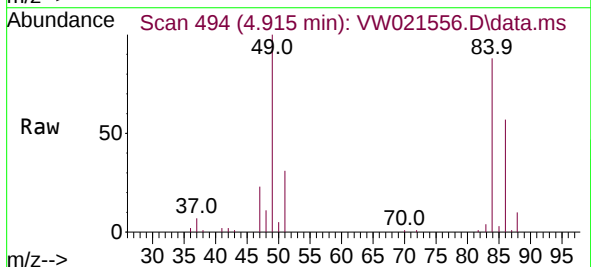
Instrument :
MSVOA_W
ClientSampleId :

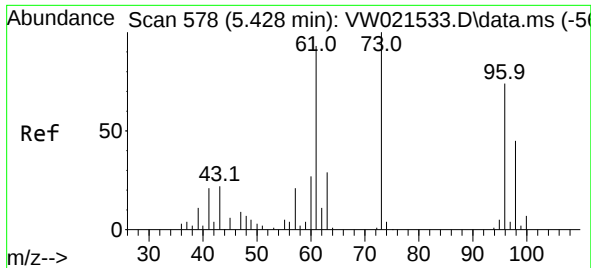
Tgt Ion: 43 Resp: 13170
Ion Ratio Lower Upper
43 100
74 26.2 16.4 24.6#



#16
Methylene chloride
Concen: 20.816 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion: 84 Resp: 38209
Ion Ratio Lower Upper
84 100
86 65.1 45.5 84.5
49 114.2 100.5 186.7

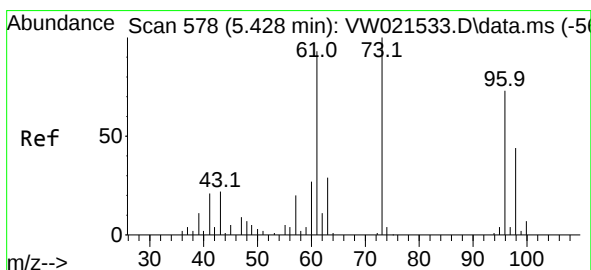
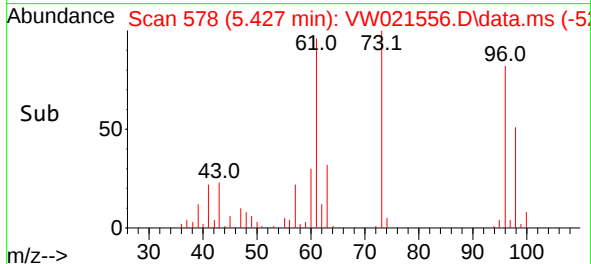
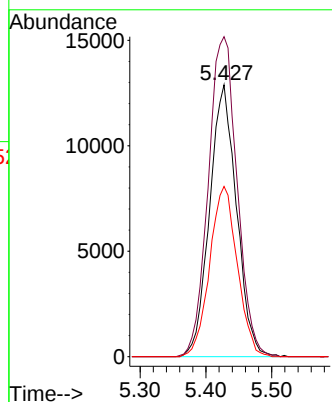
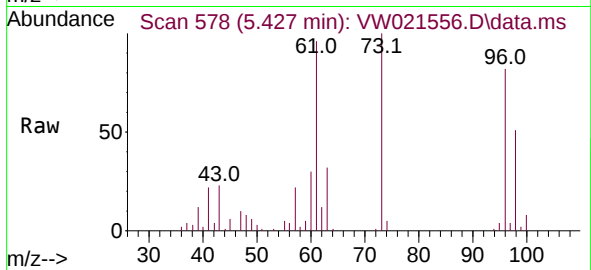




#17
trans-1,2-Dichloroethene
Concen: 24.681 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

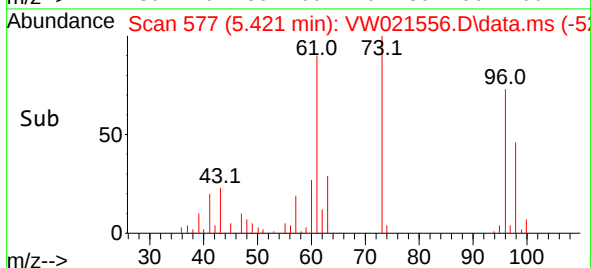
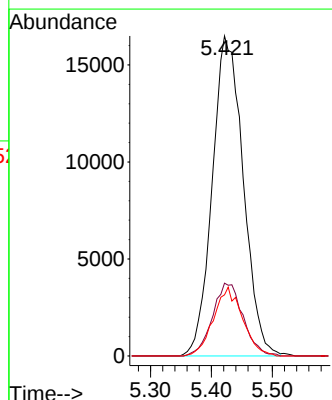
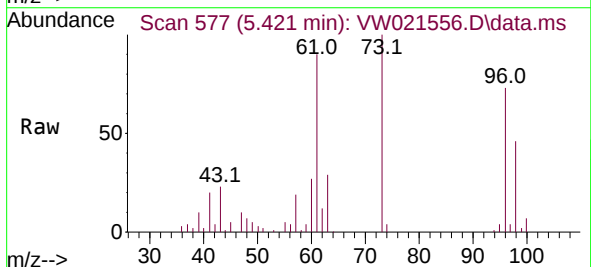
Instrument :
MSVOA_W
ClientSampleId :

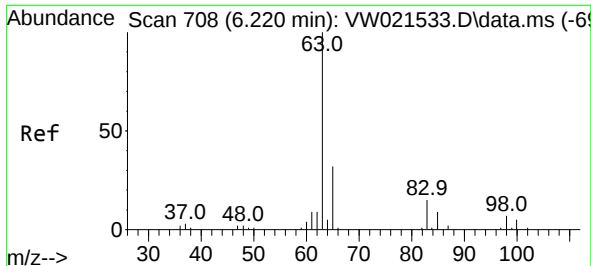
Tgt Ion: 96 Resp: 36797
Ion Ratio Lower Upper
96 100
61 117.7 107.4 199.4
98 62.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 28.261 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion: 73 Resp: 58194
Ion Ratio Lower Upper
73 100
43 22.3 19.5 29.3
57 20.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.980 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021556.D

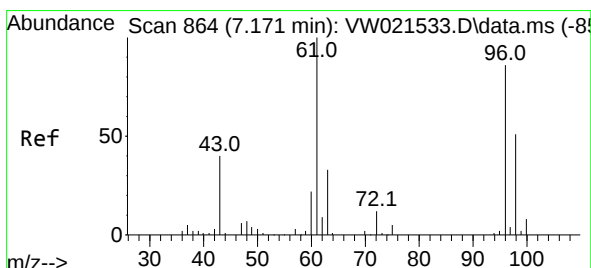
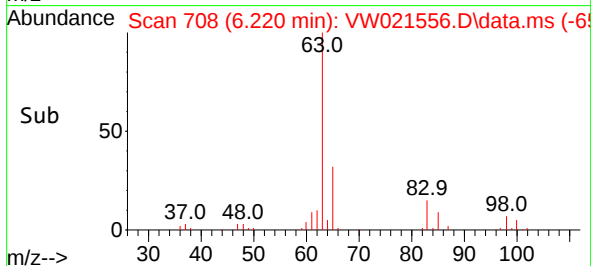
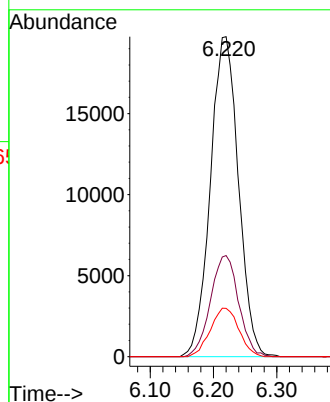
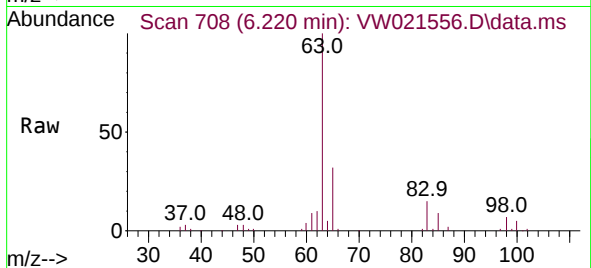
Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 60782
Ion Ratio	Lower Upper
63 100	
65 31.6	22.1 41.1
83 15.1	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.611 ug/L

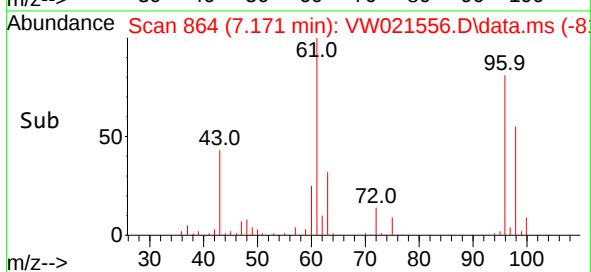
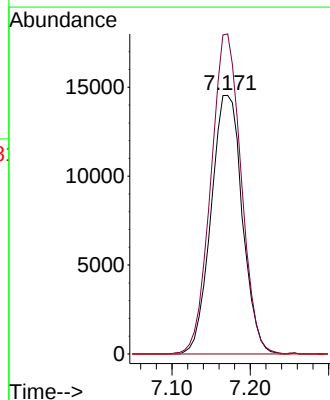
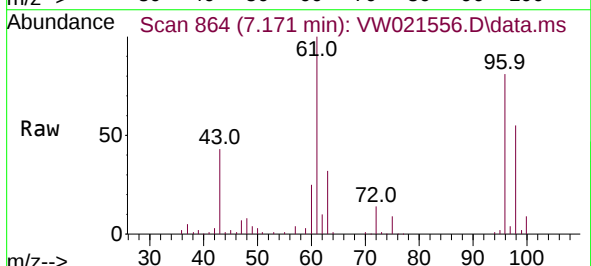
RT: 7.171 min Scan# 864

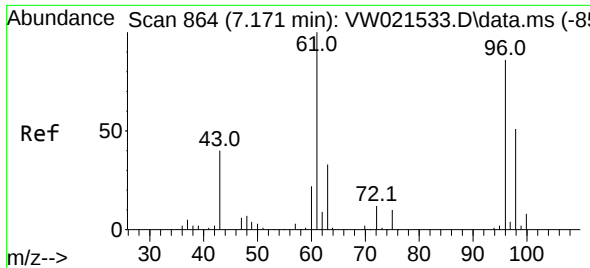
Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Tgt Ion: 96	Resp: 40275
Ion Ratio	Lower Upper
96 100	
61 123.7	103.7 192.7
68 0.0	0.0 0.0

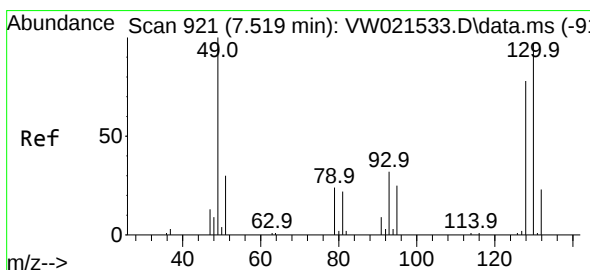
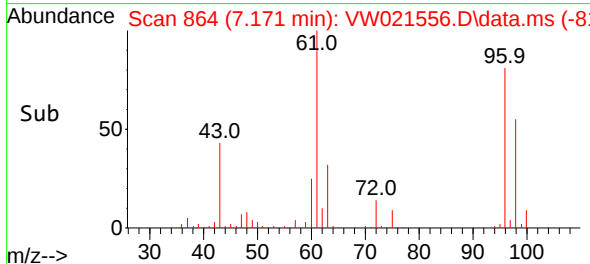
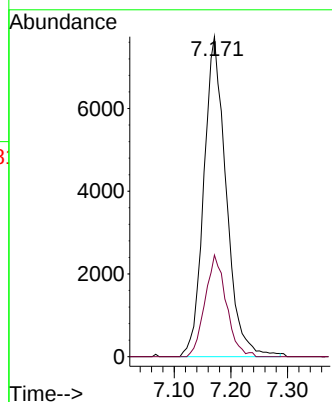
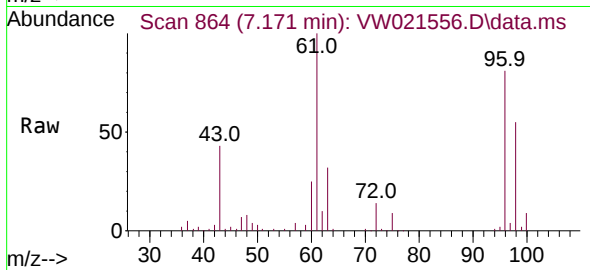




#22
2-Butanone
Concen: 63.601 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

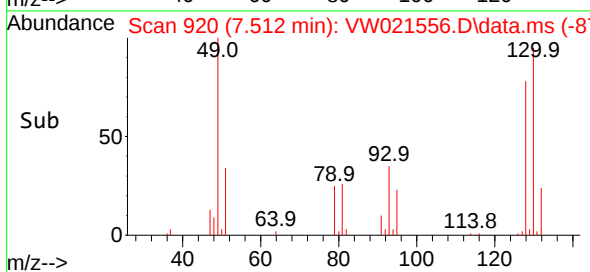
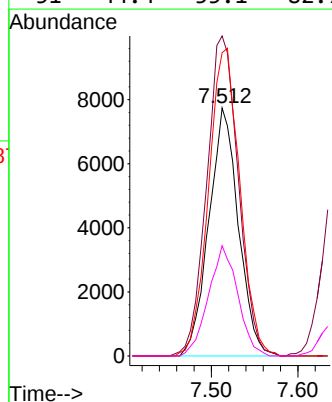
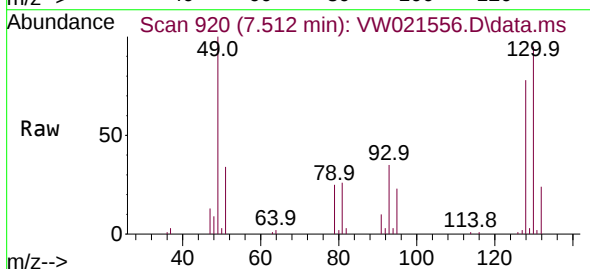
Instrument :
MSVOA_W
ClientSampleId :

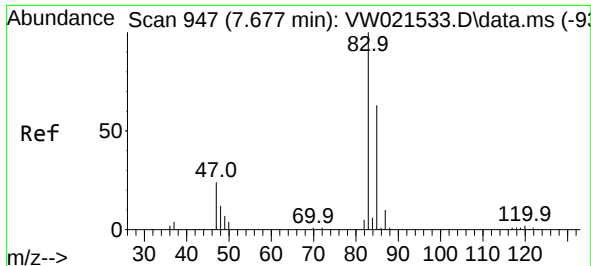
Tgt Ion: 43 Resp: 21235
Ion Ratio Lower Upper
43 100
72 29.8 11.8 35.4



#23
Bromochloromethane
Concen: 24.955 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion: 128 Resp: 18349
Ion Ratio Lower Upper
128 100
49 129.0 150.3 279.1#
130 122.2 88.3 163.9
51 44.4 55.1 82.7#

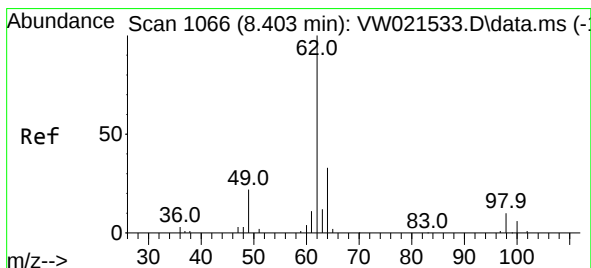
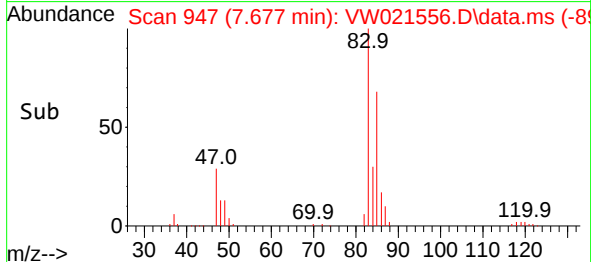
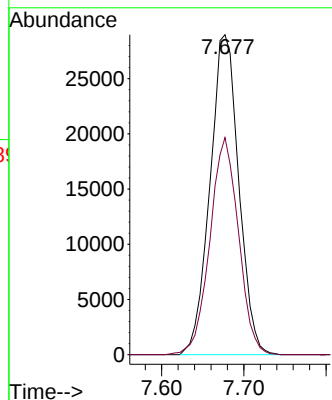
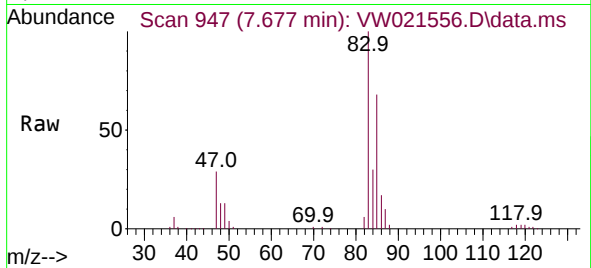




#25
Chloroform
Concen: 25.983 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

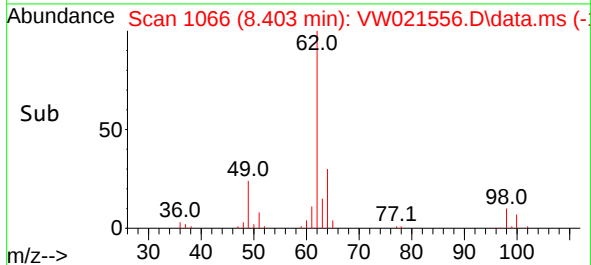
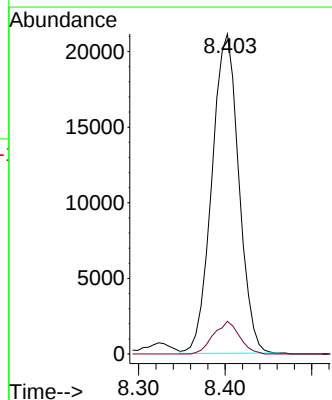
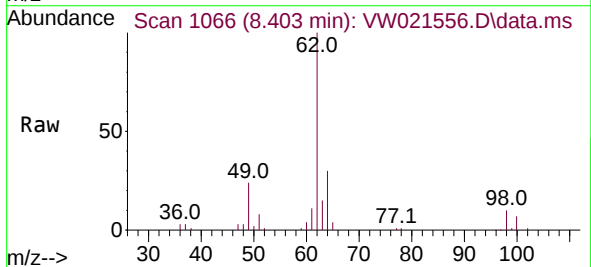
Instrument :
MSVOA_W
ClientSampleId :

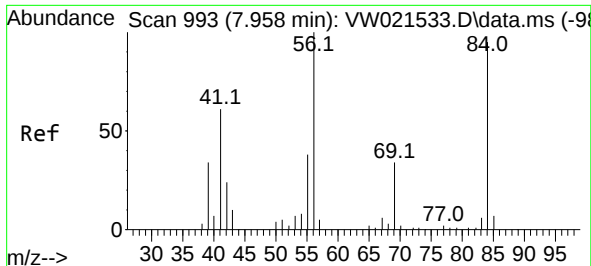
Tgt Ion: 83 Resp: 70567
Ion Ratio Lower Upper
83 100
85 67.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.561 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

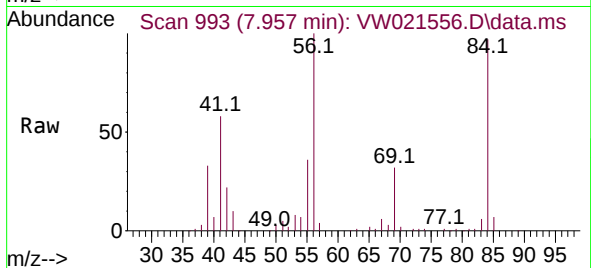
Tgt Ion: 62 Resp: 45682
Ion Ratio Lower Upper
62 100
98 10.2 6.5 9.7#



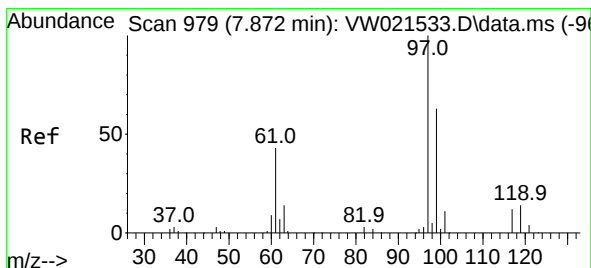
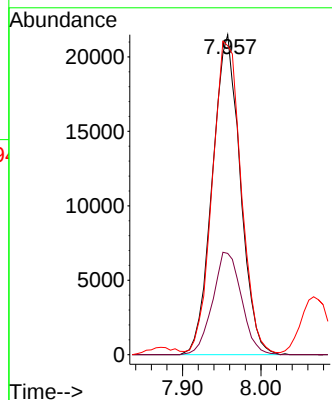
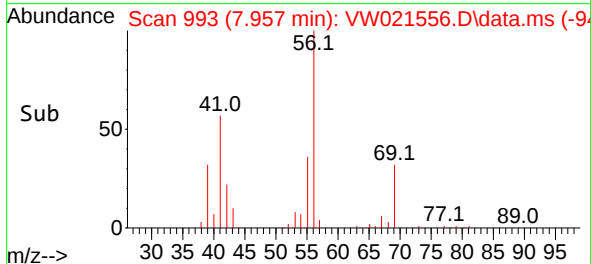


#29
Cyclohexane
Concen: 23.976 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Instrument :
MSVOA_W
ClientSampleId :

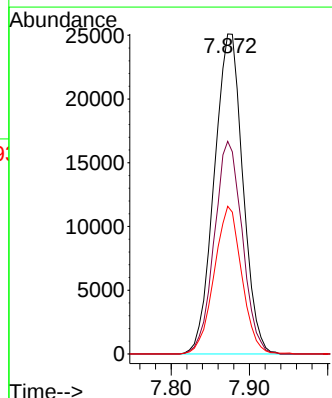
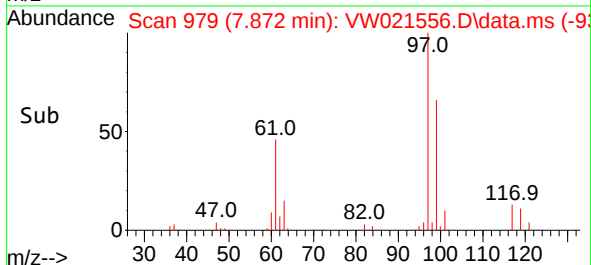
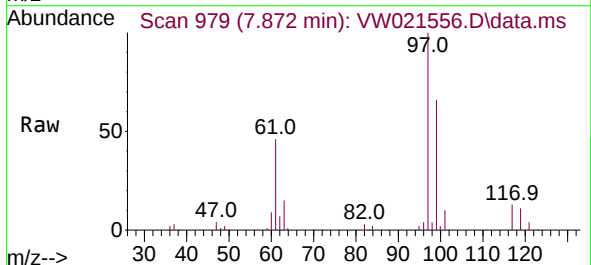


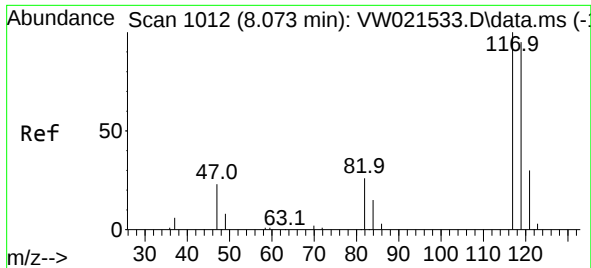
Tgt Ion: 56 Resp: 53269
Ion Ratio Lower Upper
56 100
69 33.0 23.5 35.3
84 101.4 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 25.459 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion: 97 Resp: 63763
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 44.5 40.9 61.3

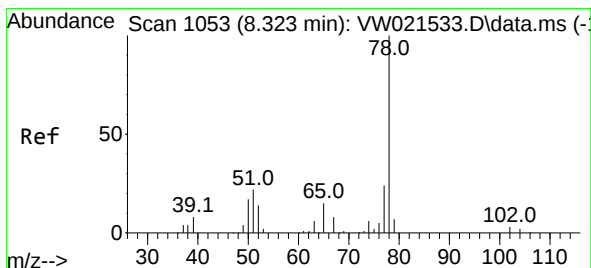
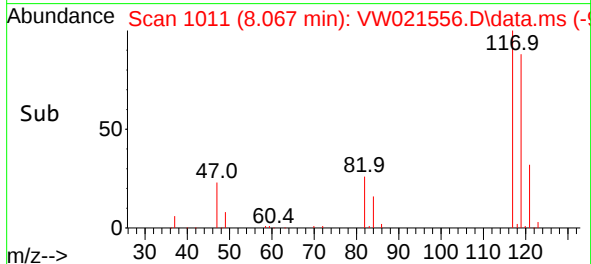
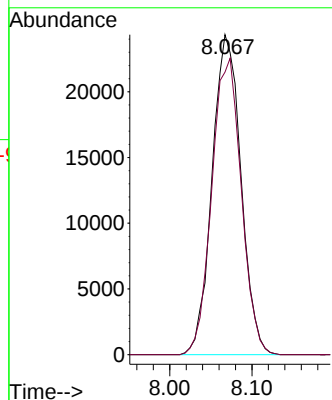
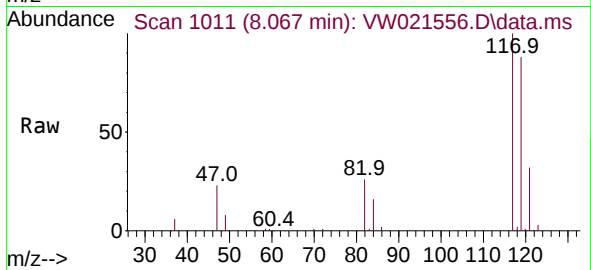




#31
Carbon tetrachloride
Concen: 25.683 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

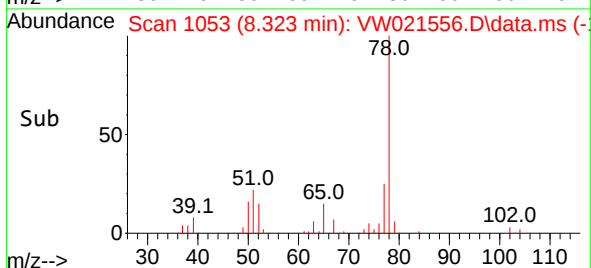
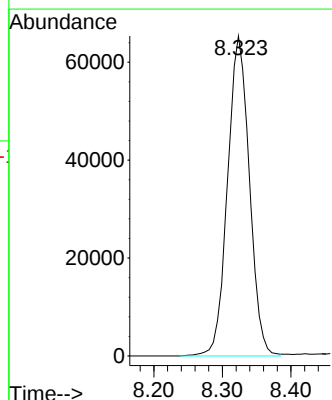
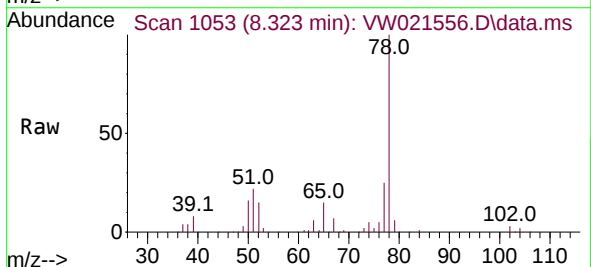
Instrument :
MSVOA_W
ClientSampleId :

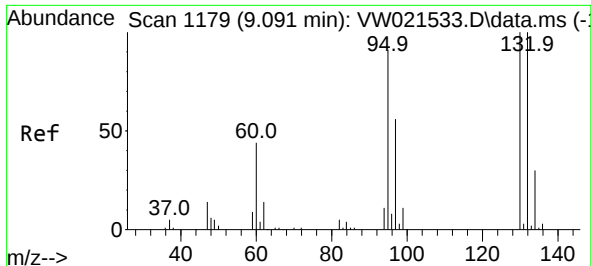
Tgt Ion:117 Resp: 59337
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5



#33
Benzene
Concen: 23.777 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion: 78 Resp: 144581





#34

Trichloroethene

Concen: 24.673 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

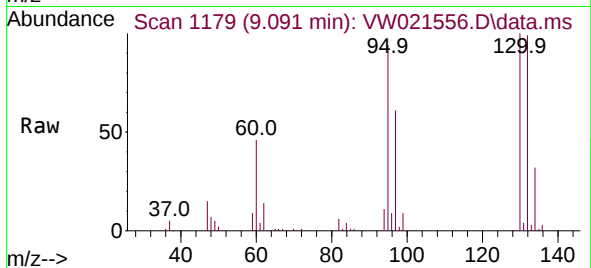
Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 42116

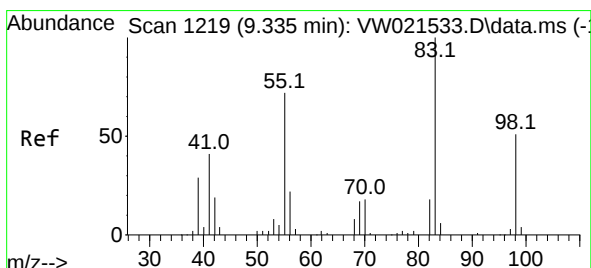
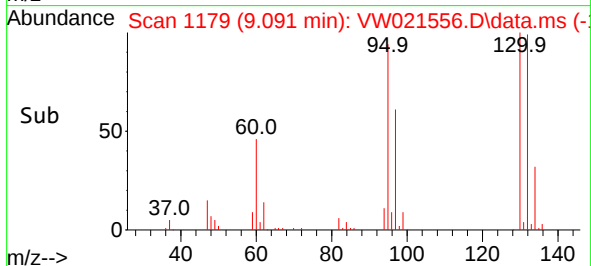
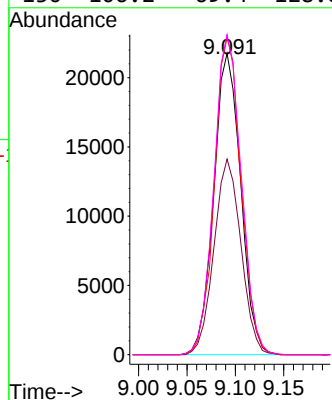
Ion Ratio Lower Upper

95 100

97 64.9 47.0 87.2

132 105.3 65.5 121.6

130 106.2 69.4 128.8



#35

Methylcyclohexane

Concen: 23.625 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

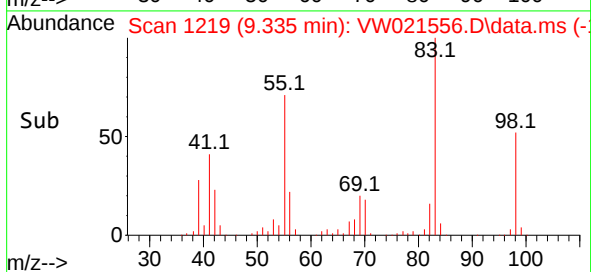
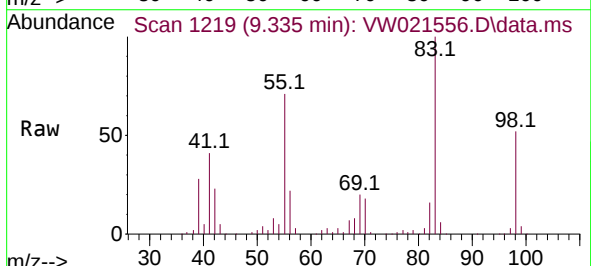
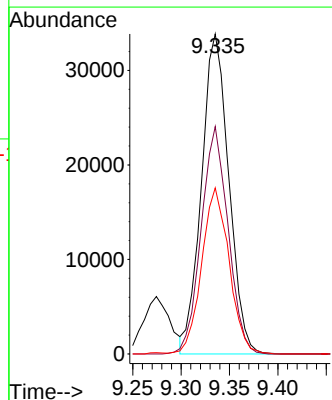
Tgt Ion: 83 Resp: 66522

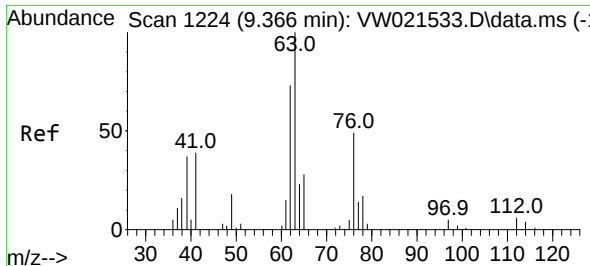
Ion Ratio Lower Upper

83 100

55 70.0 70.8 106.2#

98 52.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.194 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

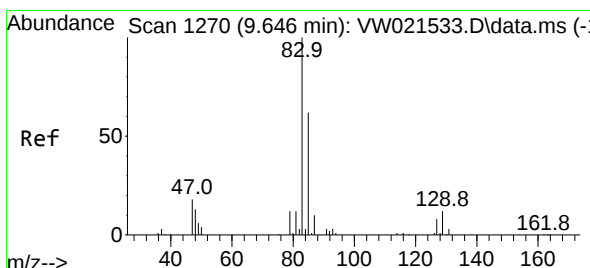
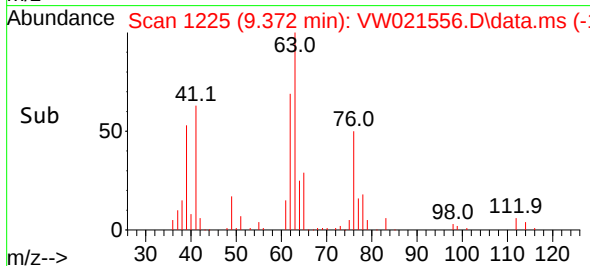
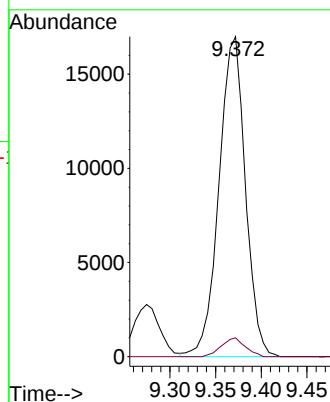
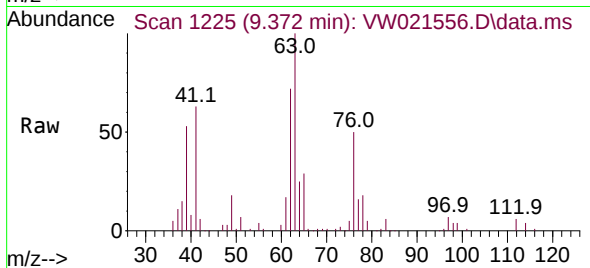
ClientSampleId :

Tgt Ion: 63 Resp: 34171

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.984 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

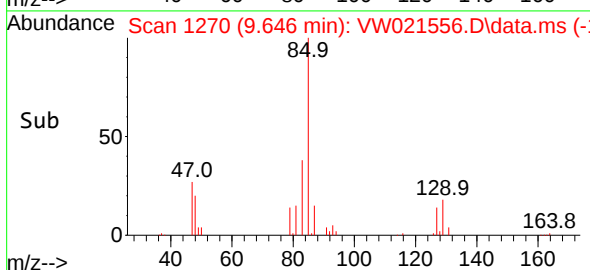
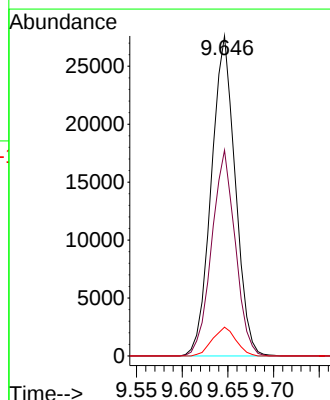
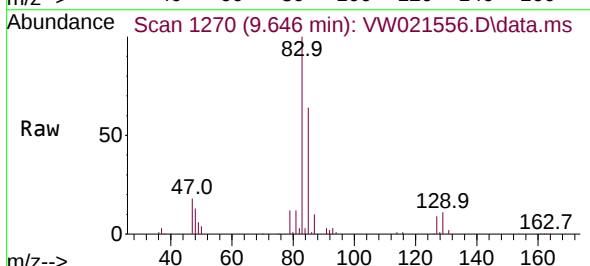
Tgt Ion: 83 Resp: 50322

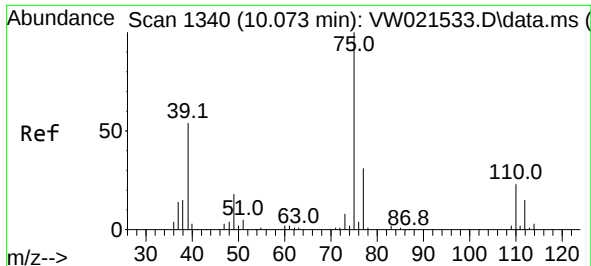
Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

127 9.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.499 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

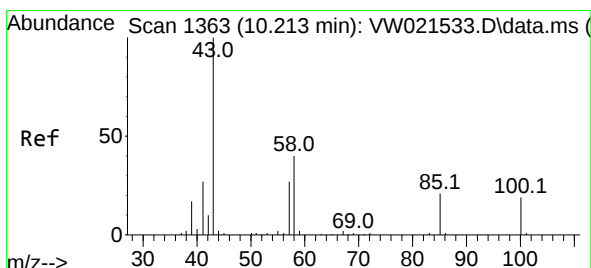
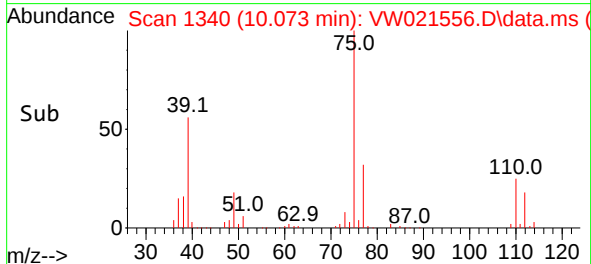
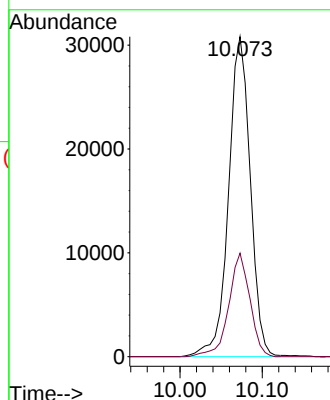
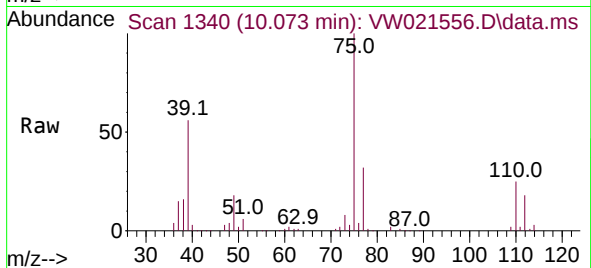
ClientSampleId :

Tgt Ion: 75 Resp: 56656

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 57.783 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

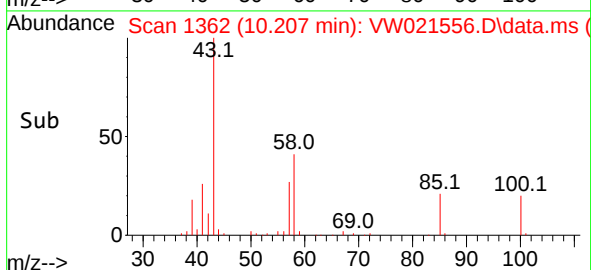
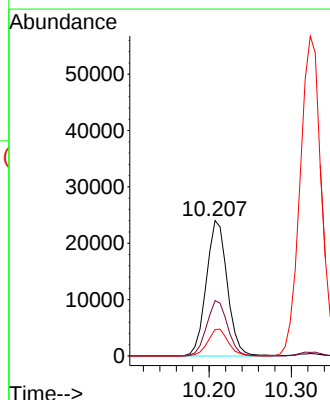
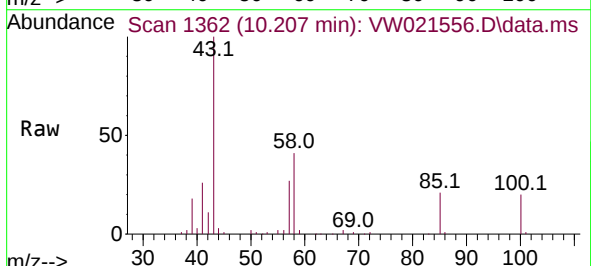
Tgt Ion: 43 Resp: 42704

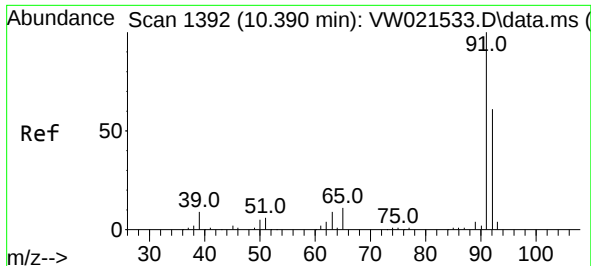
Ion Ratio Lower Upper

43 100

58 40.5 28.8 43.2

100 19.2 10.0 15.0#





#42

Toluene

Concen: 24.159 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

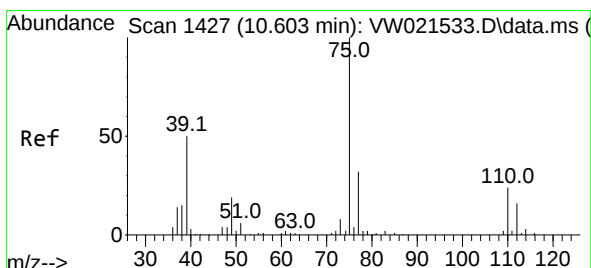
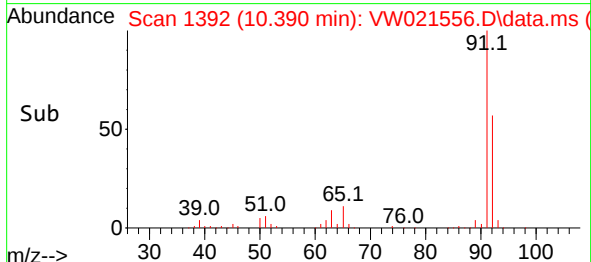
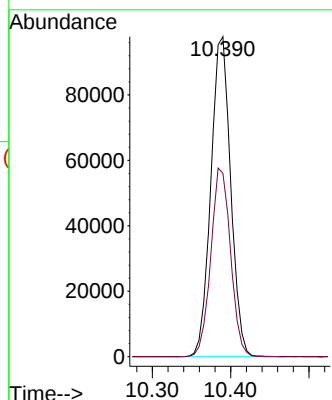
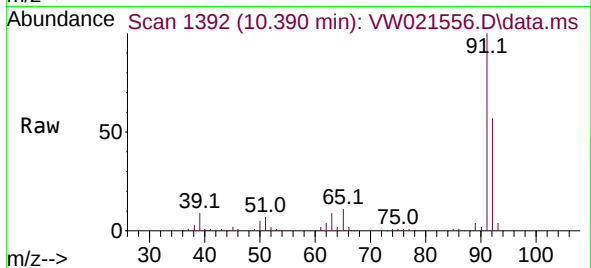
ClientSampleId :

Tgt Ion: 91 Resp: 171810

Ion Ratio Lower Upper

91 100

92 57.3 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 27.224 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021556.D

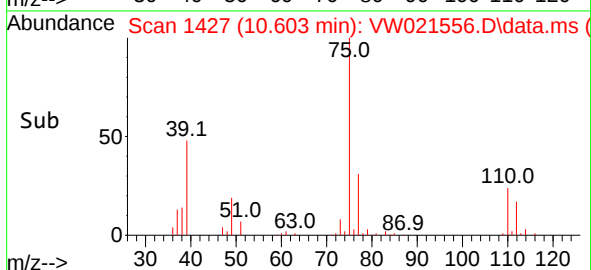
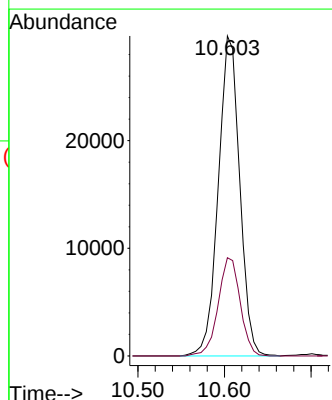
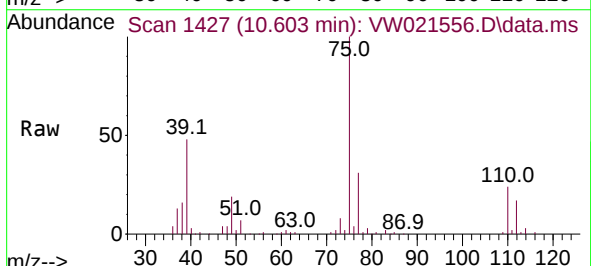
Acq: 22 Dec 2021 10:25

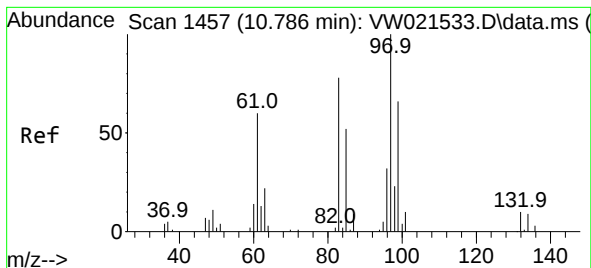
Tgt Ion: 75 Resp: 50982

Ion Ratio Lower Upper

75 100

77 30.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.908 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 29872

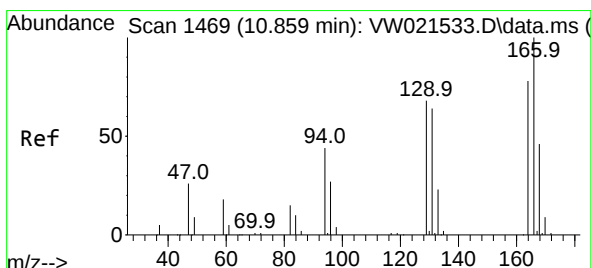
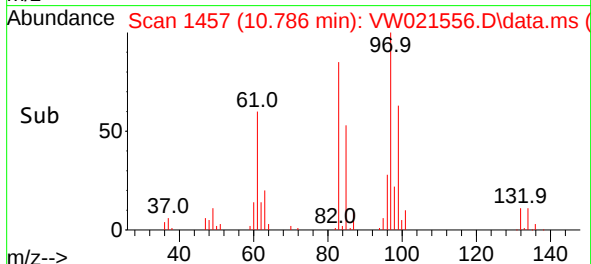
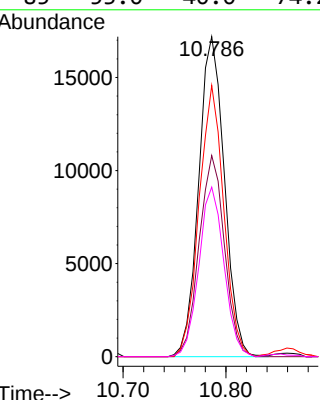
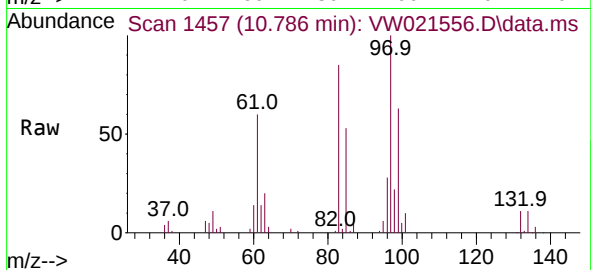
Ion Ratio Lower Upper

97 100

99 62.9 43.0 79.8

83 84.8 62.6 116.3

85 53.0 40.0 74.2



#46

Tetrachloroethene

Concen: 24.149 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Tgt Ion:164 Resp: 39159

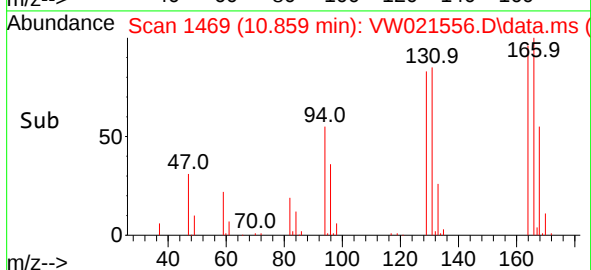
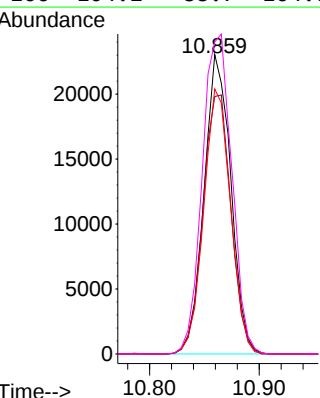
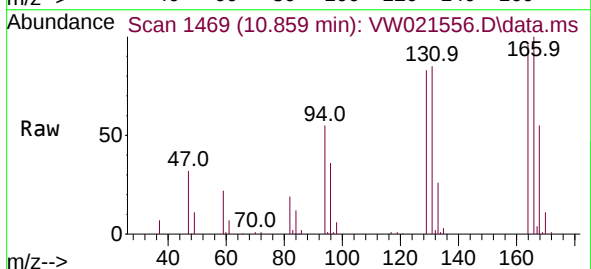
Ion Ratio Lower Upper

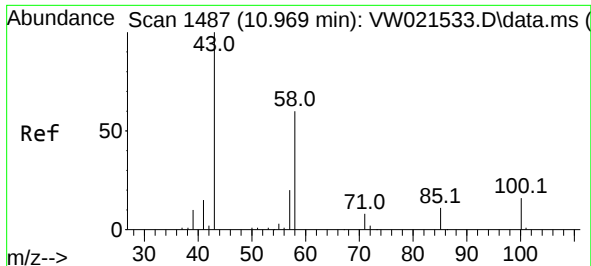
164 100

129 86.0 65.5 121.7

131 88.5 59.7 110.9

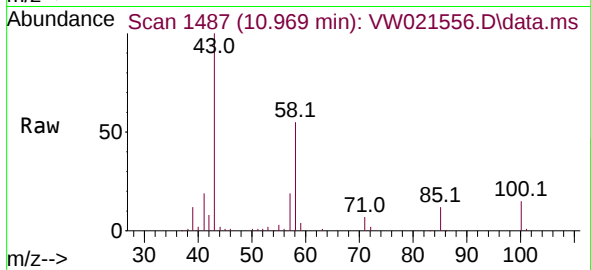
166 104.2 88.7 164.7



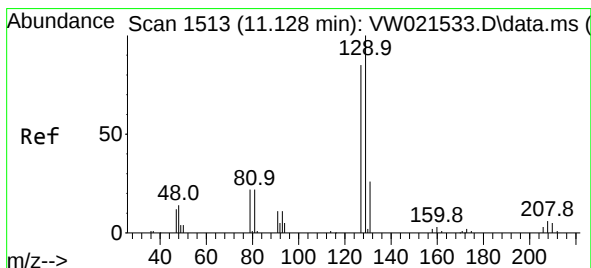
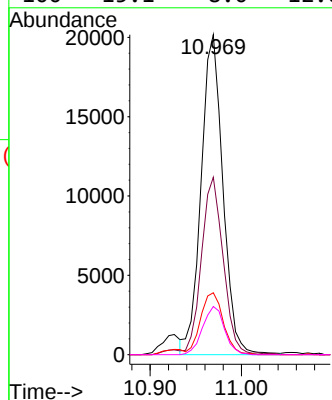
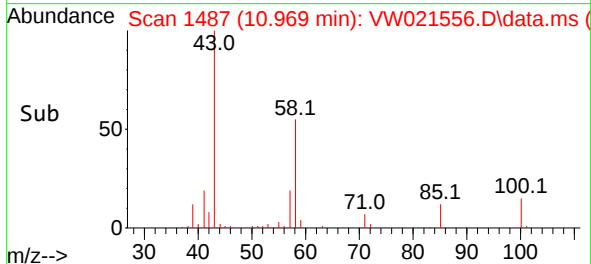


#48
2-Hexanone
Concen: 62.406 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Instrument :
MSVOA_W
ClientSampleId :

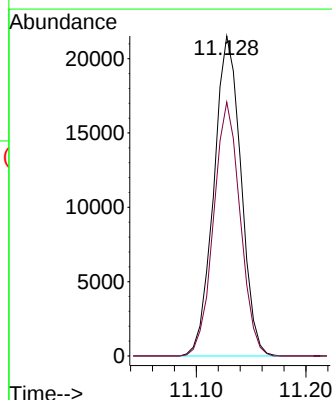
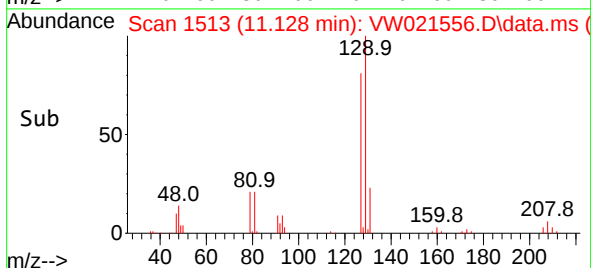
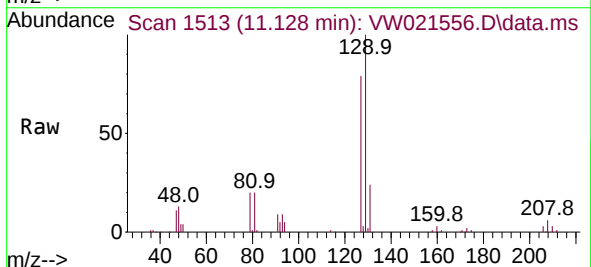


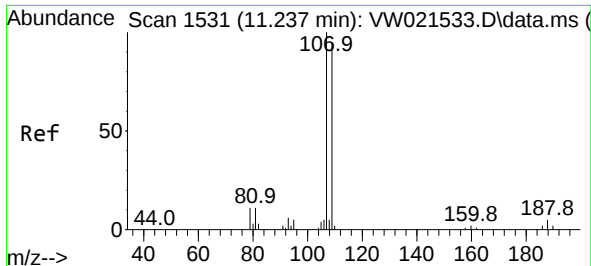
Tgt Ion: 43 Resp: 33446
Ion Ratio Lower Upper
43 100
58 55.2 40.2 60.2
57 20.1 14.3 21.5
100 15.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 27.025 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion:129 Resp: 36985
Ion Ratio Lower Upper
129 100
127 79.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 26.557 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021556.D

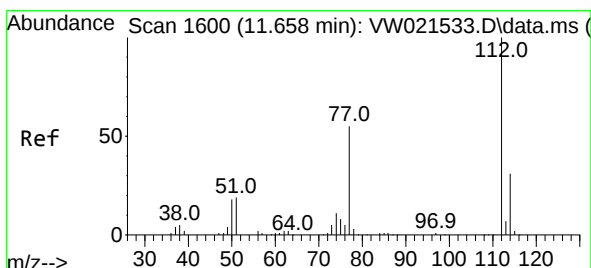
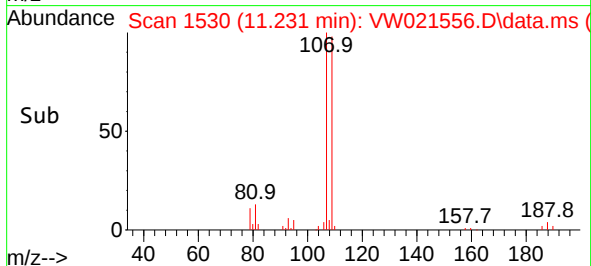
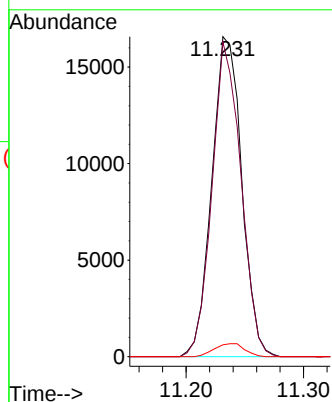
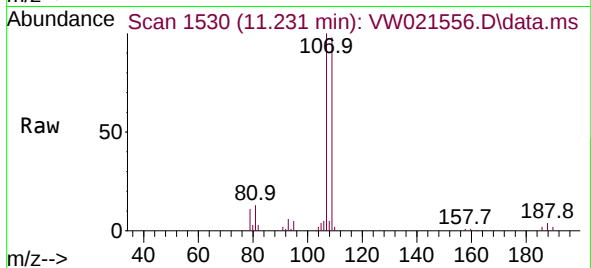
Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	29340
Ion Ratio	Lower	Upper
107	100	
109	98.4	64.1 119.1
188	3.7	2.6 3.8



#51

Chlorobenzene

Concen: 23.413 ug/L

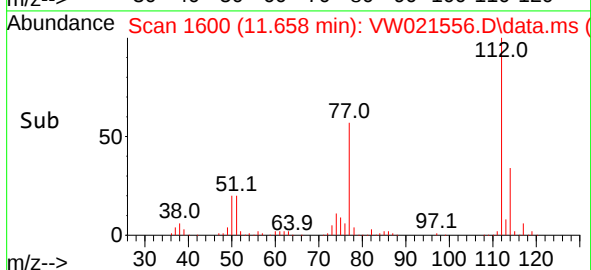
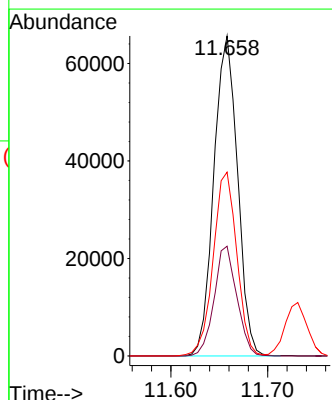
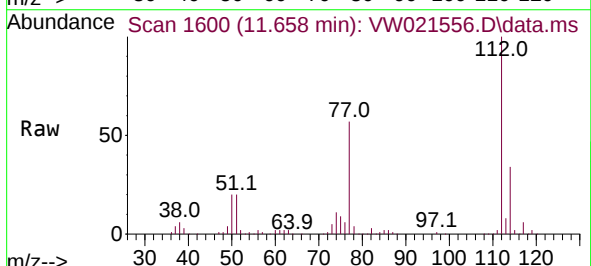
RT: 11.658 min Scan# 1600

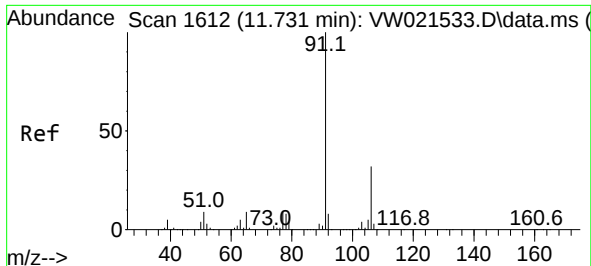
Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Tgt Ion:112	Resp:	111477
Ion Ratio	Lower	Upper
112	100	
114	34.3	22.4 41.6
77	57.4	50.2 75.4

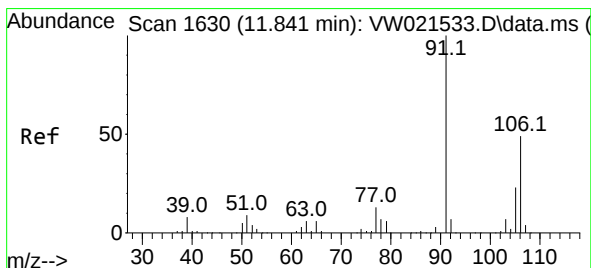
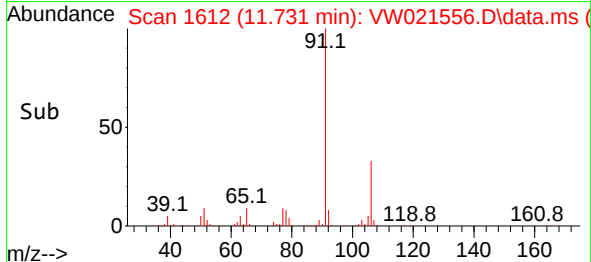
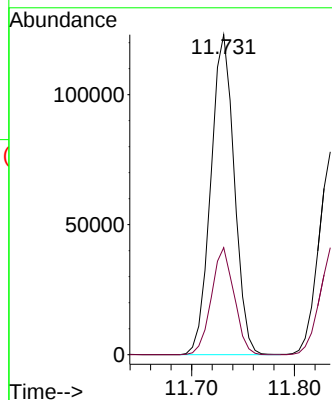
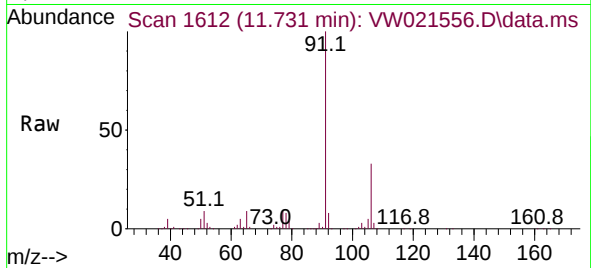




#52
Ethylbenzene
Concen: 23.990 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

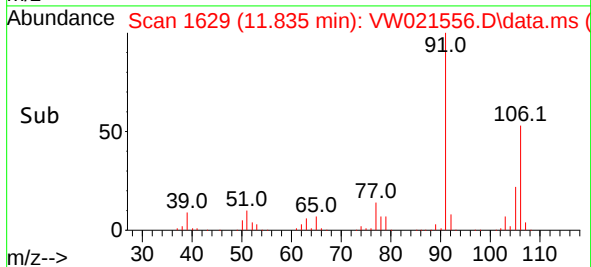
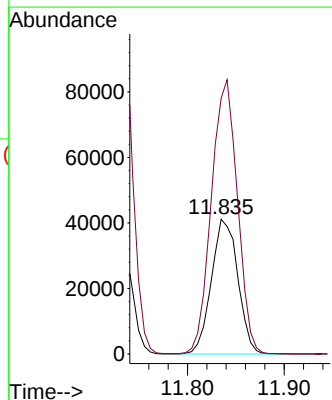
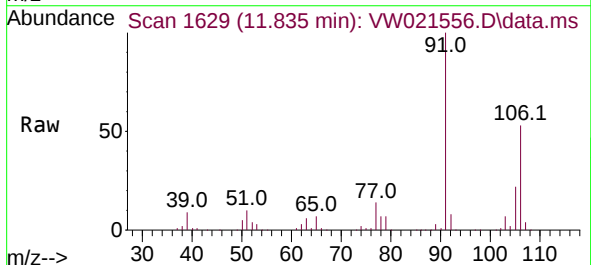
Instrument :
MSVOA_W
ClientSampleId :

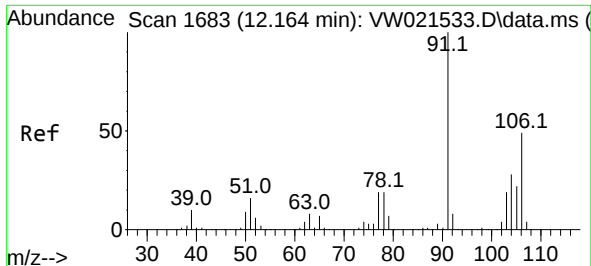
Tgt Ion: 91 Resp: 194963
Ion Ratio Lower Upper
91 100
106 33.5 21.5 39.9



#53
m,p-Xylene
Concen: 23.803 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion:106 Resp: 78037
Ion Ratio Lower Upper
106 100
91 189.6 149.9 278.3

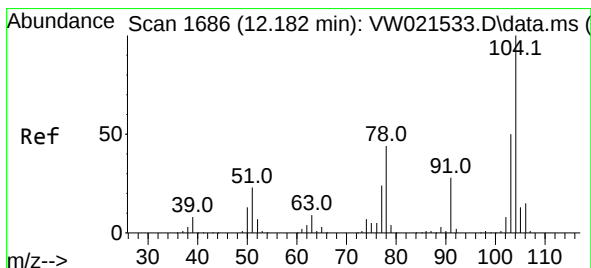
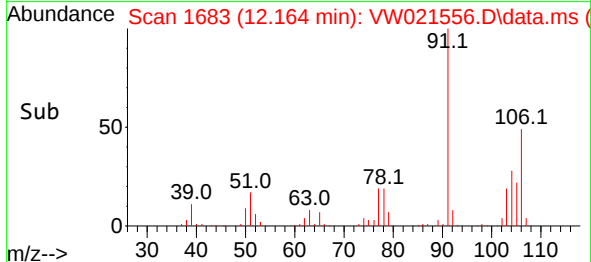
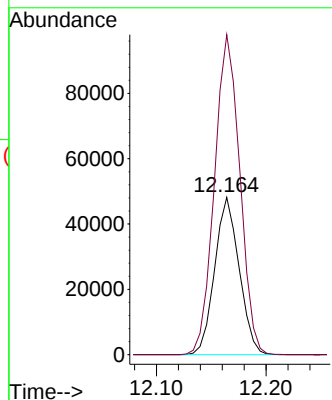
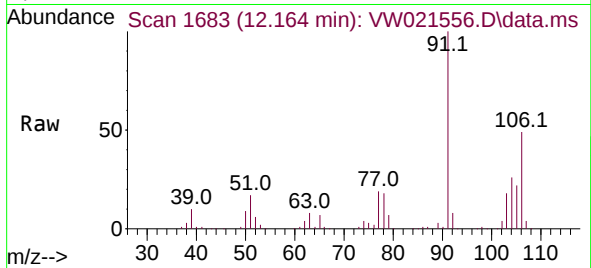




#54
o-Xylene
Concen: 23.985 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

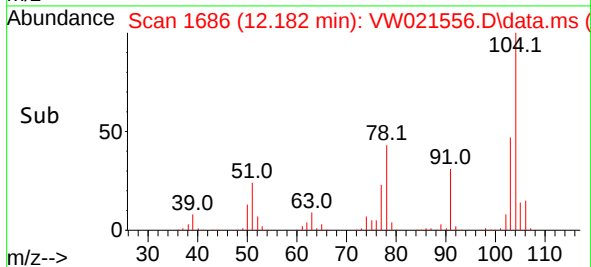
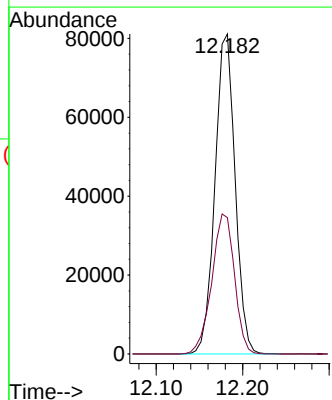
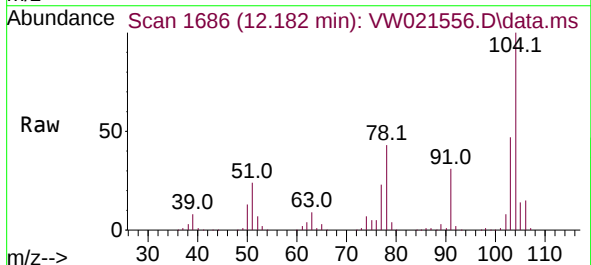
Instrument :
MSVOA_W
ClientSampleId :

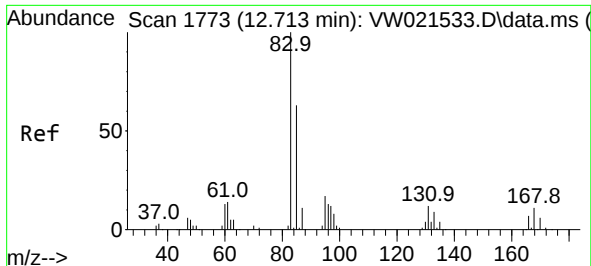
Tgt Ion:106 Resp: 74625
Ion Ratio Lower Upper
106 100
91 203.4 153.6 285.3



#55
Styrene
Concen: 24.757 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion:104 Resp: 131095
Ion Ratio Lower Upper
104 100
78 42.6 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.097 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021556.D

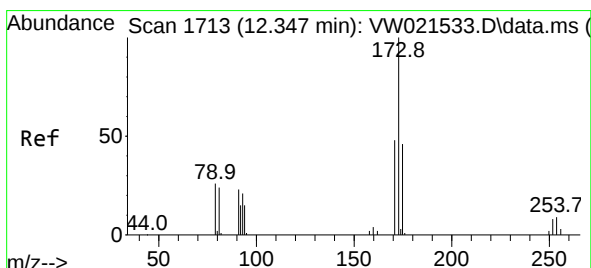
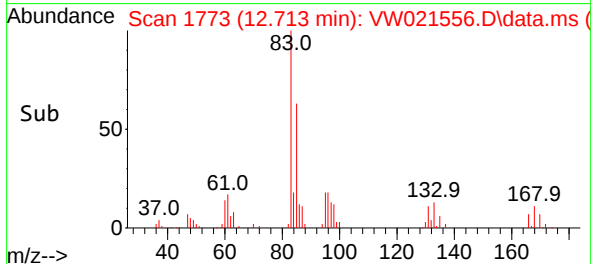
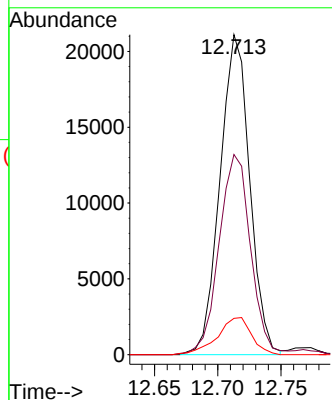
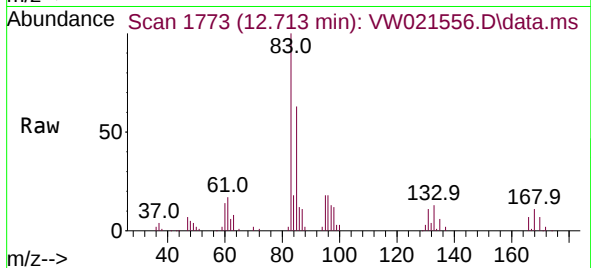
Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 34483
Ion Ratio	Lower Upper
83 100	
85 62.5	44.0 81.6
131 11.4	6.9 10.3#



#59

Bromoform

Concen: 25.923 ug/L

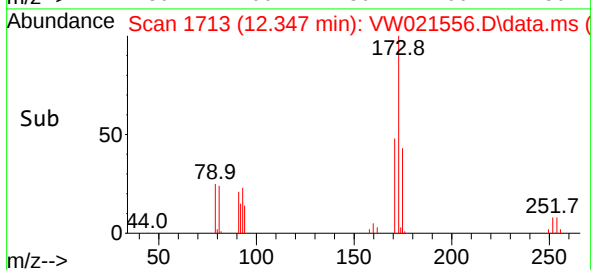
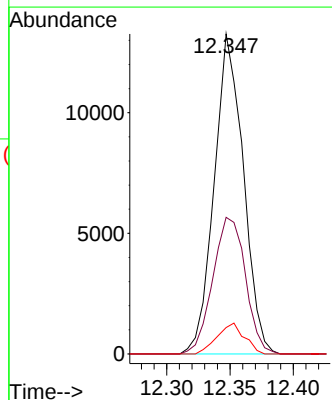
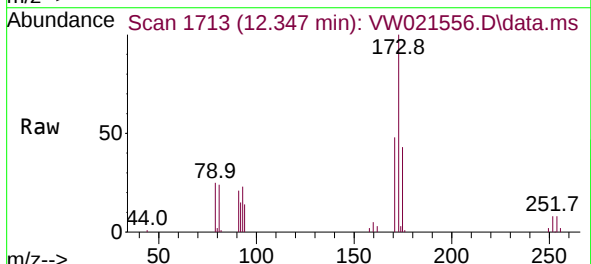
RT: 12.347 min Scan# 1713

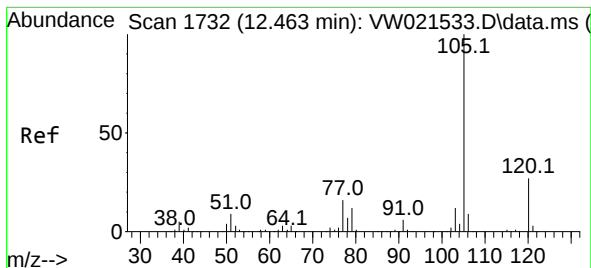
Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Tgt Ion: 173	Resp: 21223
Ion Ratio	Lower Upper
173 100	
175 47.8	39.6 59.4
254 9.0	7.4 11.0





#60

Isopropylbenzene

Concen: 22.903 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :

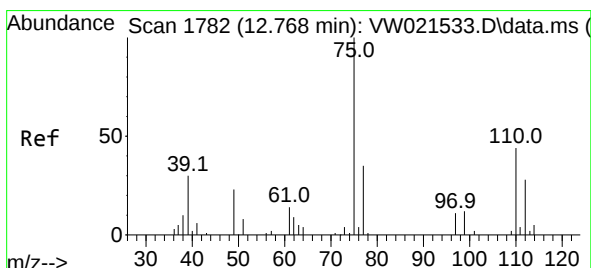
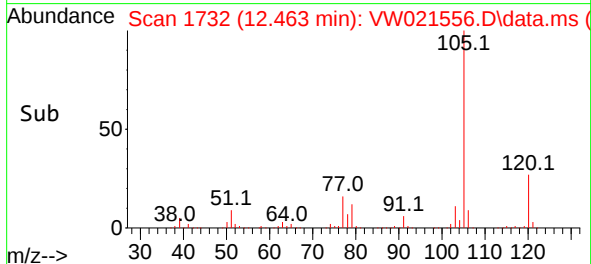
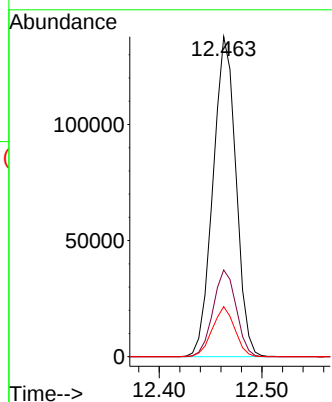
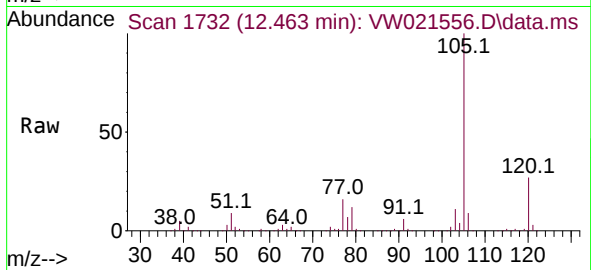
Tgt Ion:105 Resp: 214128

Ion Ratio Lower Upper

105 100

120 27.2 20.1 30.1

77 15.3 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 25.581 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

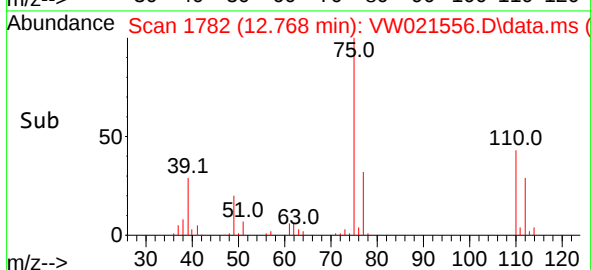
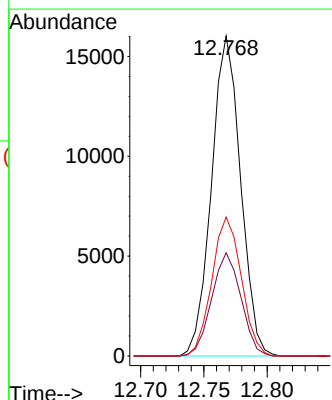
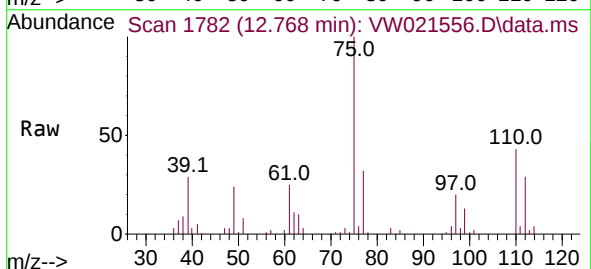
Tgt Ion: 75 Resp: 25617

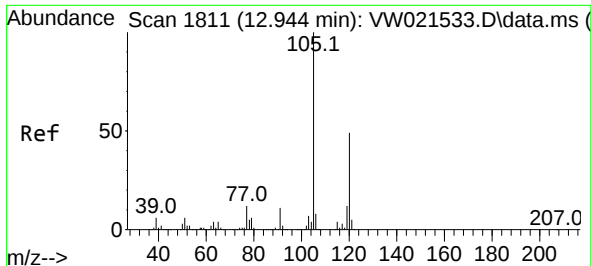
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 44.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.799 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

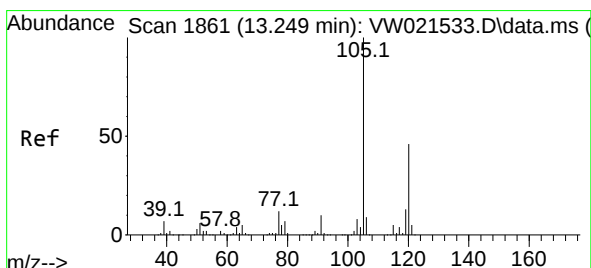
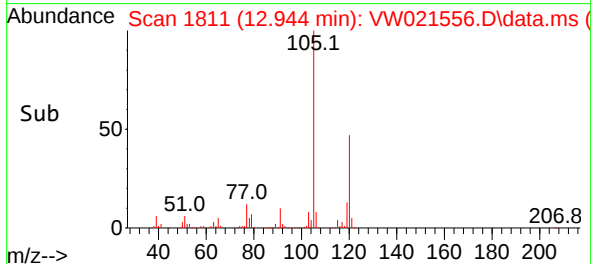
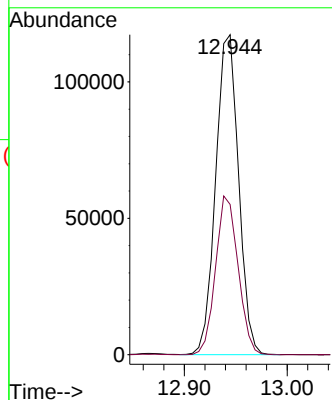
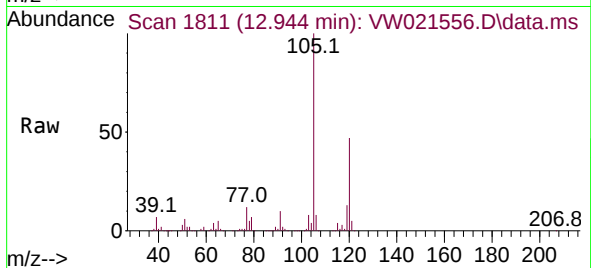
ClientSampleId :

Tgt Ion:105 Resp: 181383

Ion Ratio Lower Upper

105 100

120 48.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.717 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021556.D

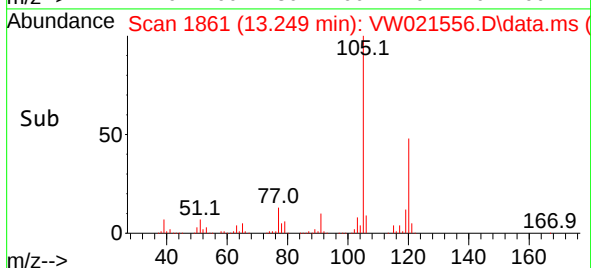
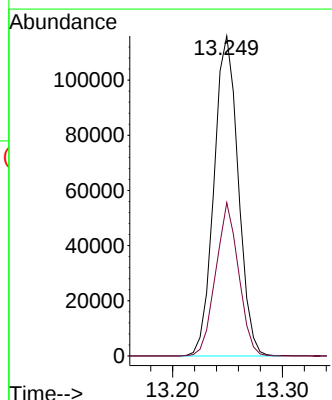
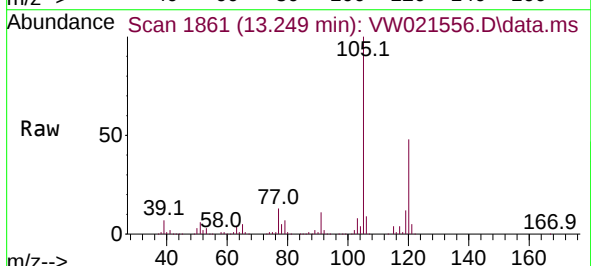
Acq: 22 Dec 2021 10:25

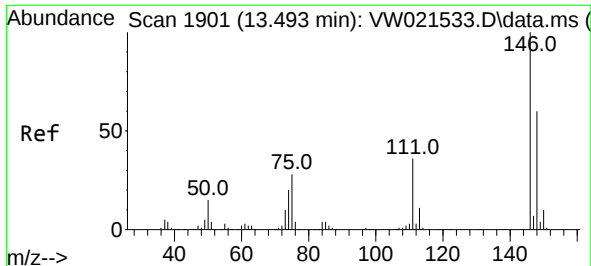
Tgt Ion:105 Resp: 178285

Ion Ratio Lower Upper

105 100

120 45.2 35.0 52.6

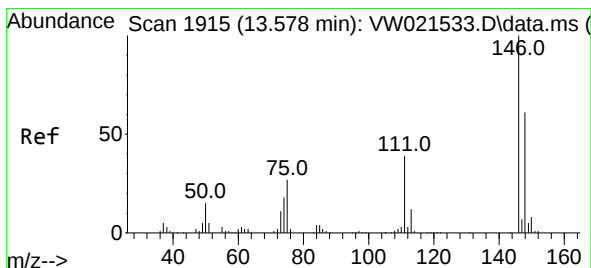
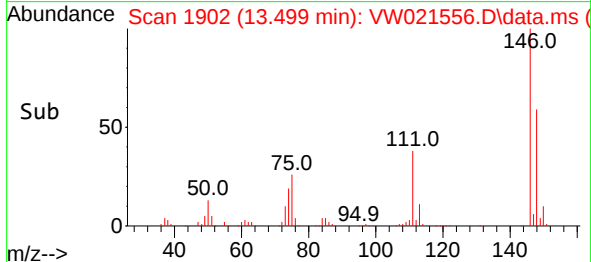
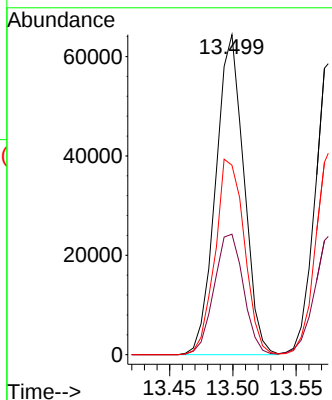
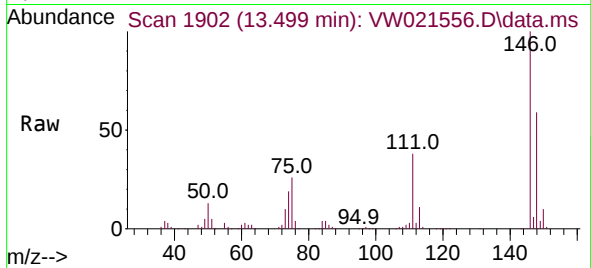




#64
1,3-Dichlorobenzene
Concen: 22.602 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

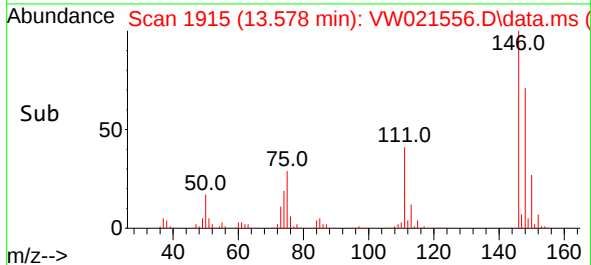
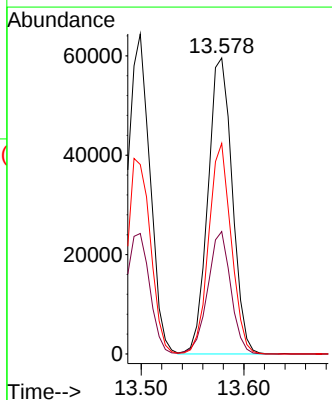
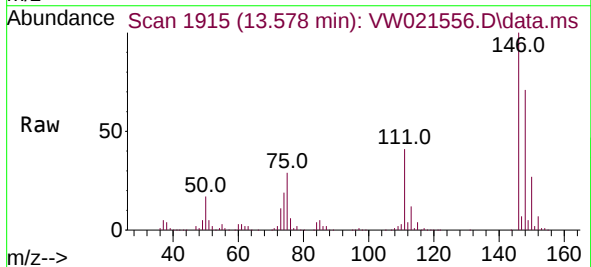
Instrument :
MSVOA_W
ClientSampleId :

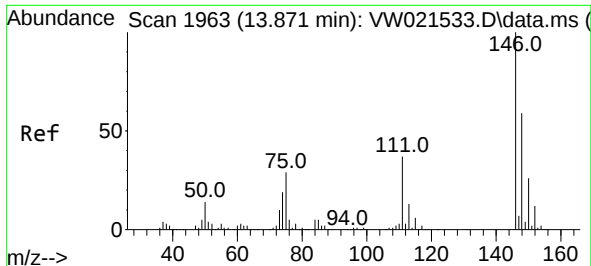
Tgt Ion:146 Resp: 99675
Ion Ratio Lower Upper
146 100
111 37.6 29.8 55.3
148 59.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.300 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion:146 Resp: 97706
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.9
148 71.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.737 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW021556.D

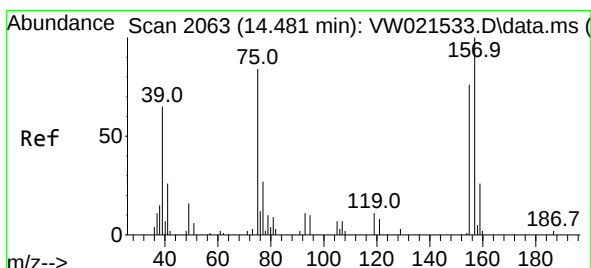
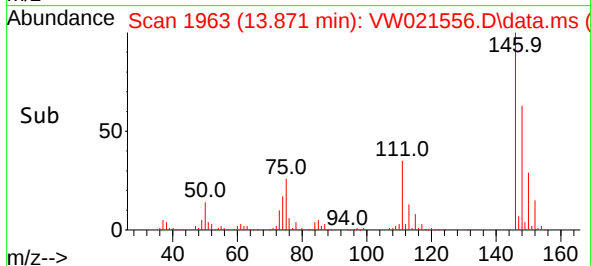
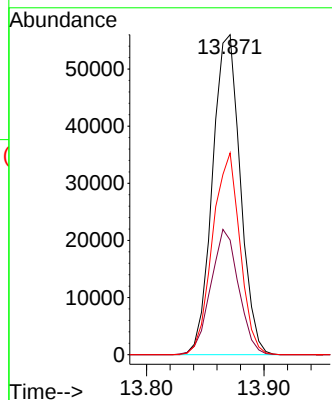
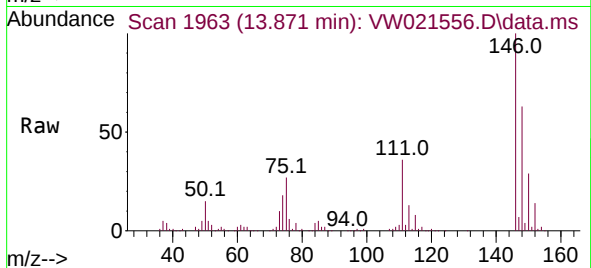
Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	92156
Ion Ratio	Lower	Upper	
146	100		
111	35.8	33.1	49.7
148	63.1	47.4	71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.054 ug/L

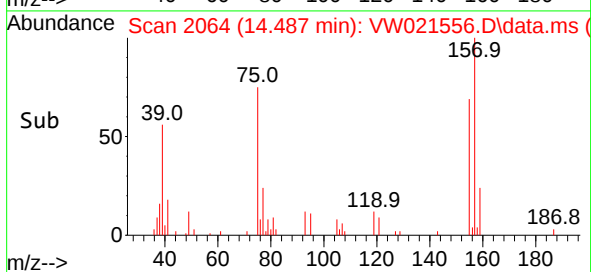
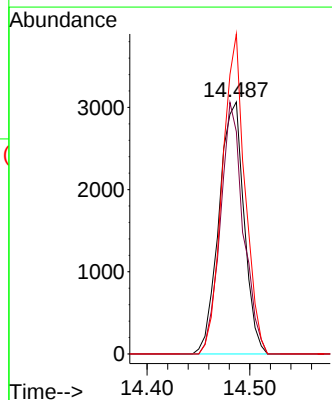
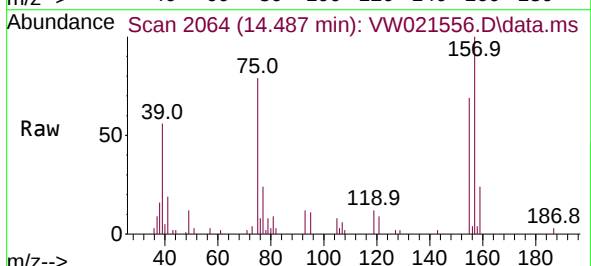
RT: 14.487 min Scan# 2064

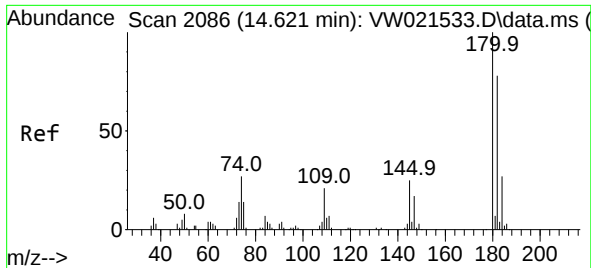
Delta R.T. 0.006 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Tgt Ion:	75	Resp:	5175
Ion Ratio	Lower	Upper	
75	100		
155	88.2	54.2	81.2#
157	127.0	69.4	104.2#





#69

1,3,5-Trichlorobenzene

Concen: 22.544 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 74305

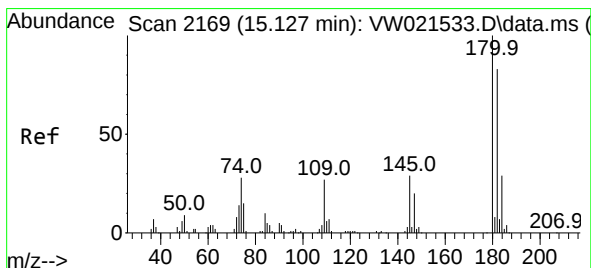
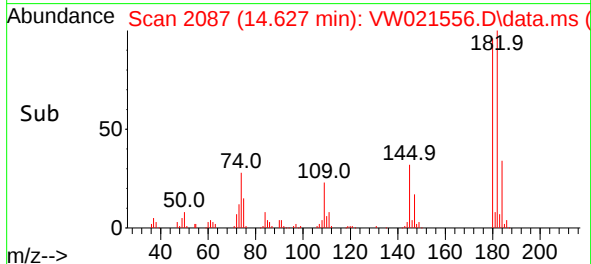
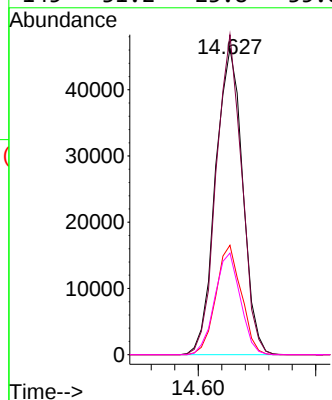
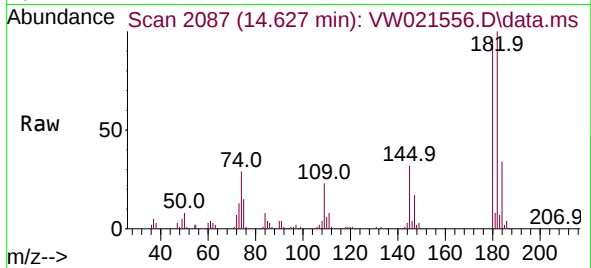
Ion Ratio Lower Upper

180 100

182 97.8 75.4 113.0

184 33.4 23.8 35.8

145 31.2 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.228 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021556.D

Acq: 22 Dec 2021 10:25

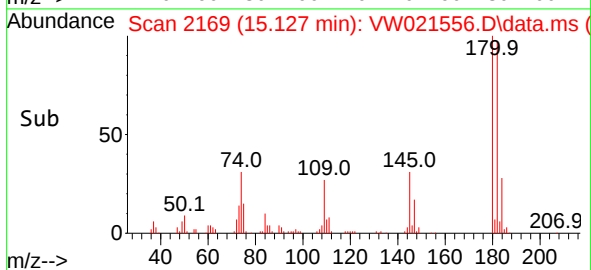
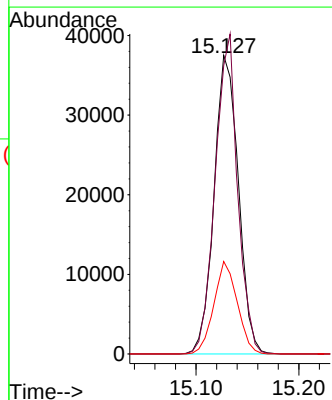
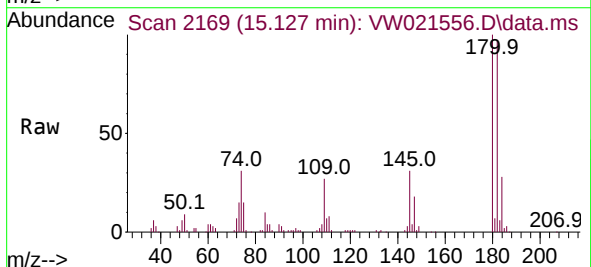
Tgt Ion:180 Resp: 61581

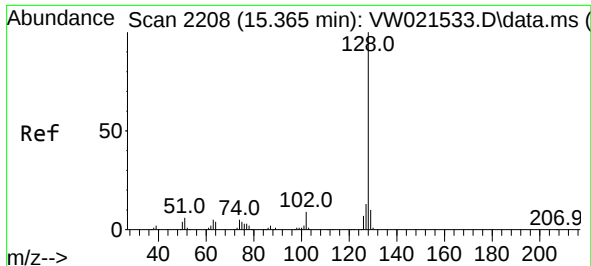
Ion Ratio Lower Upper

180 100

182 98.9 79.0 118.6

145 29.8 26.0 39.0

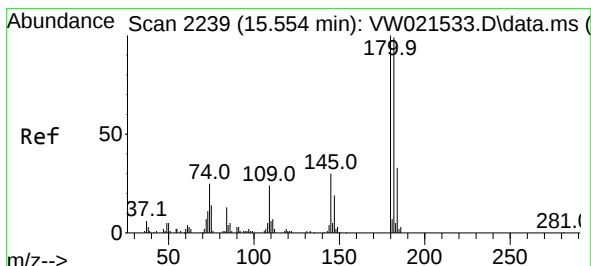
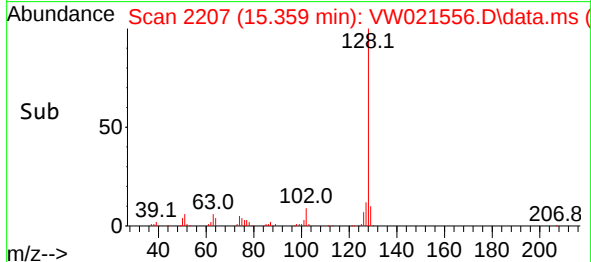
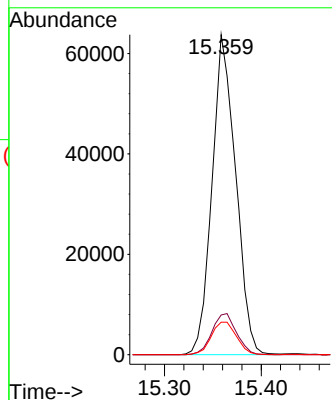
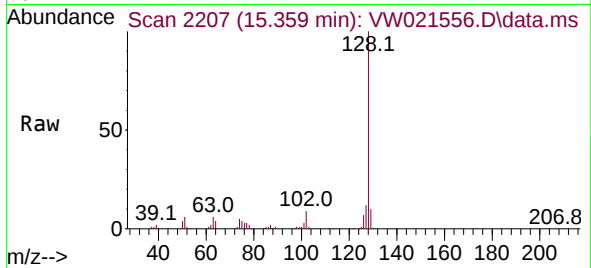




#71
Naphthalene
Concen: 25.125 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 108214
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.346 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021556.D
Acq: 22 Dec 2021 10:25

Tgt Ion:180 Resp: 53341
Ion Ratio Lower Upper
180 100
182 91.5 76.6 114.8
145 31.2 27.4 41.0

