

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021158.D
 Acq On : 06 Dec 2021 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025512

Quant Time: Dec 07 01:37:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	124682	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	112465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	67845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45952	26.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.800%	
7) Chloroethane-d5	2.885	69	33350	28.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.720%	
11) 1,1-Dichloroethene-d2	4.019	63	75512	27.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.840%	
21) 2-Butanone-d5	7.074	46	13987	35.300	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 70.600%	
24) Chloroform-d	7.647	84	79845	25.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.280%	
26) 1,2-Dichloroethane-d4	8.305	65	39736	23.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 93.040%	
32) Benzene-d6	8.275	84	153624	26.715	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.880%	
36) 1,2-Dichloropropane-d6	9.274	67	41449	25.937	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.760%	
41) Toluene-d8	10.323	98	152865	25.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.720%	
43) trans-1,3-Dichloroprop...	10.579	79	18109	24.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.840%	
47) 2-Hexanone-d5	10.921	63	11727	38.355	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 76.720%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32382	21.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 87.600%	
66) 1,2-Dichlorobenzene-d4	13.847	152	58577	24.097	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	14684	24.111	ug/L	96
3) Chloromethane	2.215	50	37178	27.269	ug/L	96
5) Vinyl chloride	2.361	62	65206	27.530	ug/L	98
6) Bromomethane	2.776	94	39611	25.152	ug/L	98
8) Chloroethane	2.922	64	29478	29.863	ug/L	99
9) Trichlorofluoromethane	3.257	101	34761	30.395	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	46226	25.823	ug/L	92
12) 1,1-Dichloroethene	4.044	96	42851	26.478	ug/L	70
13) Acetone	4.129	43	11985	33.205	ug/L	97
14) Carbon disulfide	4.379	76	121620	27.074	ug/L	99
15) Methyl Acetate	4.672	43	12231	18.689	ug/L	# 89
16) Methylene chloride	4.915	84	40497	20.616	ug/L	86
17) trans-1,2-Dichloroethene	5.422	96	45344	26.315	ug/L	81
18) Methyl tert-butyl Ether	5.422	73	58622	22.540	ug/L	94
19) 1,1-Dichloroethane	6.214	63	71216	26.064	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	47268	25.857	ug/L	74
22) 2-Butanone	7.171	43	16715	33.464	ug/L	88
23) Bromochloromethane	7.519	128	20989	24.539	ug/L	# 61
25) Chloroform	7.677	83	79600	25.953	ug/L	99

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

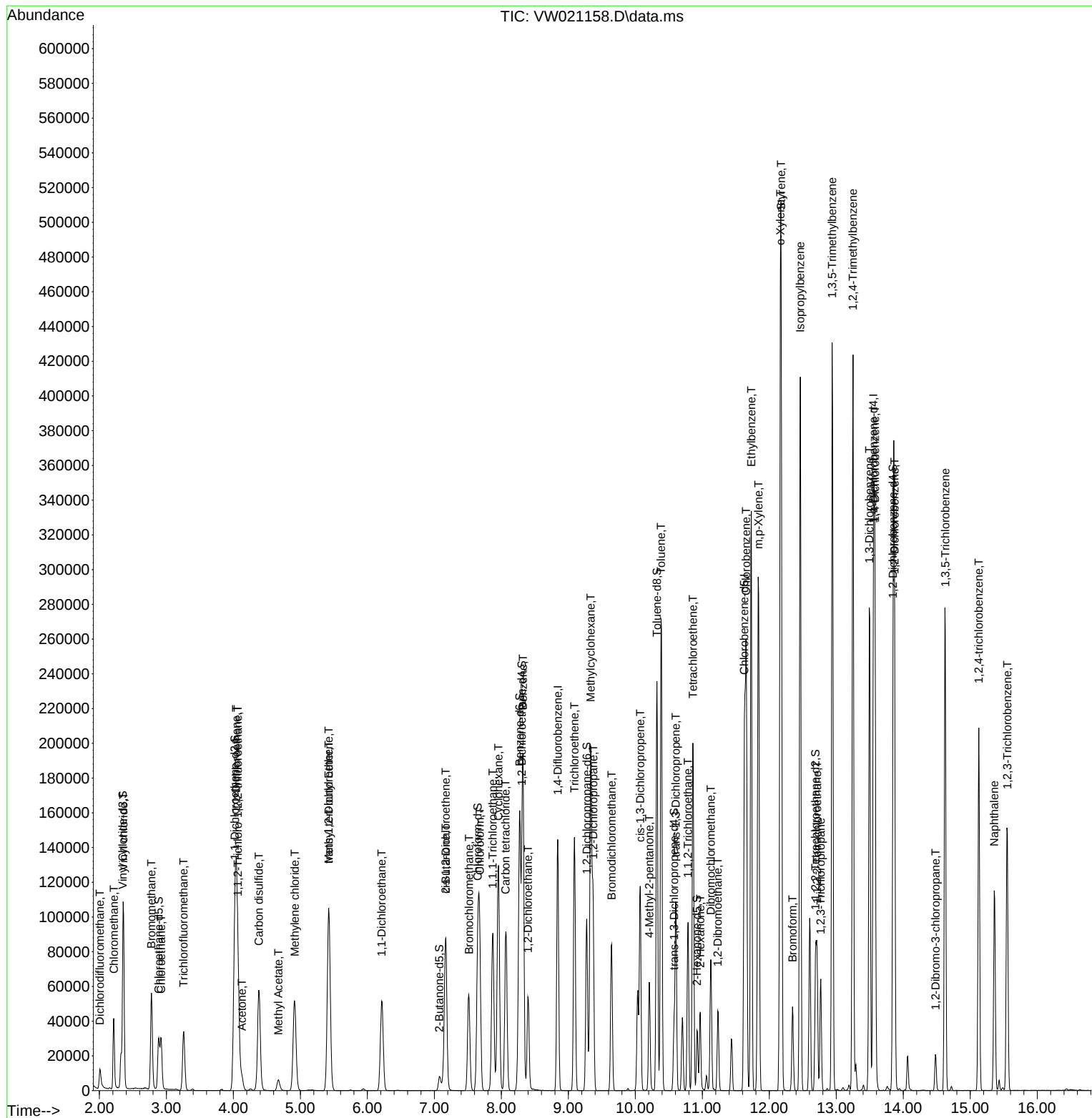
27) 1,2-Dichloroethane	8.397	62	48635	24.240	ug/L	98
29) Cyclohexane	7.958	56	67603	27.248	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	72378	27.602	ug/L	95
31) Carbon tetrachloride	8.061	117	69095	28.357	ug/L	97
33) Benzene	8.323	78	170640	26.681	ug/L	100
34) Trichloroethene	9.092	95	48613	27.552	ug/L	92
35) Methylcyclohexane	9.335	83	79974	26.928	ug/L	86
37) 1,2-Dichloropropane	9.372	63	38411	26.573	ug/L #	96
38) Bromodichloromethane	9.646	83	54718	26.928	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	62880	26.894	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	38326	38.920	ug/L #	94
42) Toluene	10.384	91	197760	27.072	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	53316	25.204	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	29207	24.101	ug/L	96
46) Tetrachloroethene	10.860	164	42923	26.567	ug/L	96
48) 2-Hexanone	10.969	43	27730	39.036	ug/L #	92
49) Dibromochloromethane	11.128	129	38810	25.623	ug/L	98
50) 1,2-Dibromoethane	11.231	107	29059	23.513	ug/L #	96
51) Chlorobenzene	11.652	112	128756	26.379	ug/L	94
52) Ethylbenzene	11.731	91	227320	27.642	ug/L	97
53) m,p-Xylene	11.841	106	95655	28.118	ug/L	87
54) o-Xylene	12.164	106	91569	28.549	ug/L	98
55) Styrene	12.176	104	156343	28.609	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	32314	22.169	ug/L #	88
59) Bromoform	12.347	173	21370	22.087	ug/L	97
60) Isopropylbenzene	12.463	105	259483	27.520	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23919	21.046	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	221156	28.008	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	217260	27.357	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	116781	26.304	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	114984	25.626	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	100347	25.385	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4859	18.933	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	85643	26.248	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	66070	24.642	ug/L	93
71) Naphthalene	15.359	128	101485	20.361	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	51738	22.111	ug/L	98

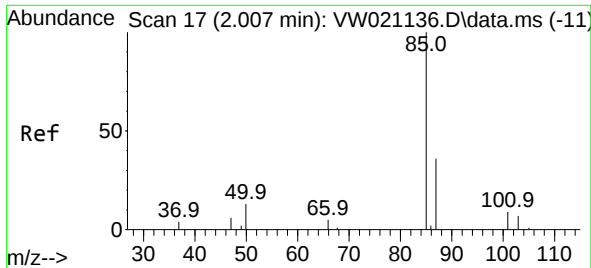
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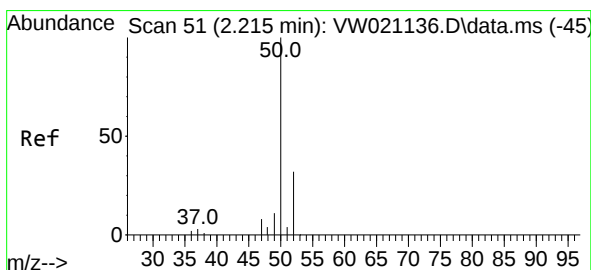
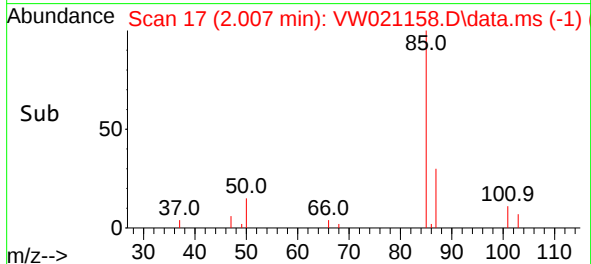
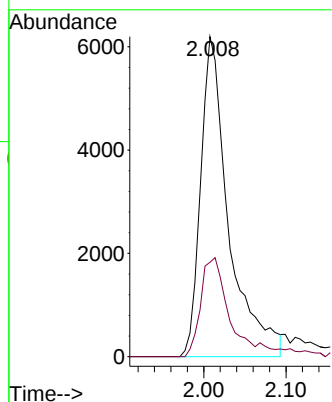
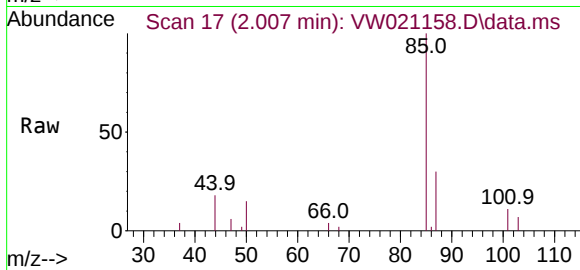




#2
Dichlorodifluoromethane
Concen: 24.111 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

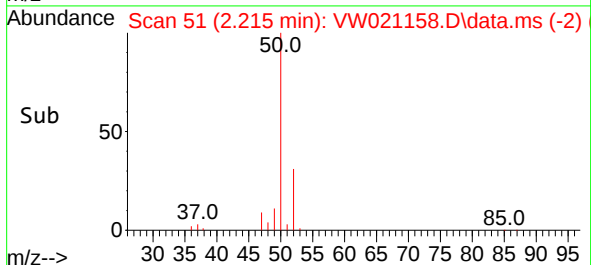
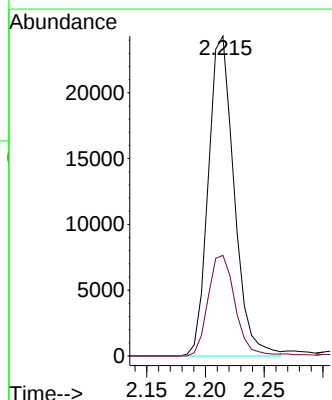
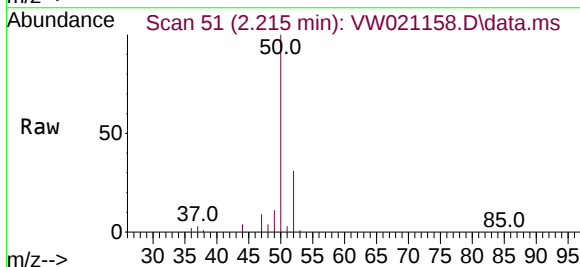
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MSVOA_W
ClientSampleId :
VSTD025512

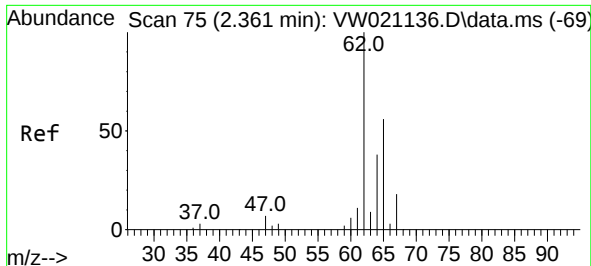
Tgt Ion: 85 Resp: 14684
Ion Ratio Lower Upper
85 100
87 29.9 25.8 38.6



#3
Chloromethane
Concen: 27.269 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion: 50 Resp: 37178
Ion Ratio Lower Upper
50 100
52 31.4 23.4 43.6

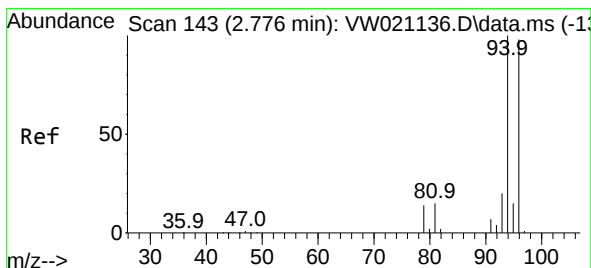
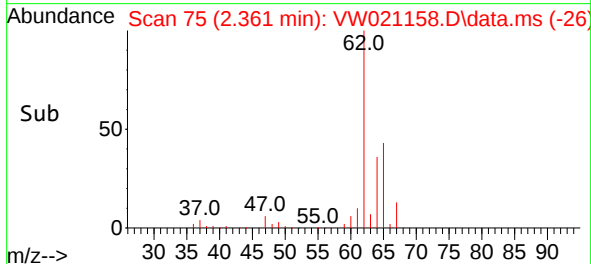
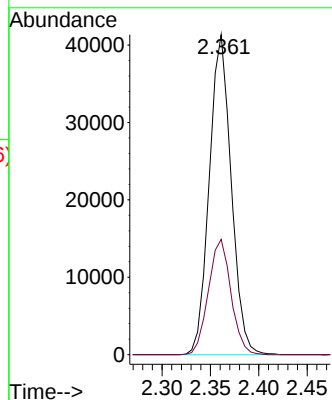
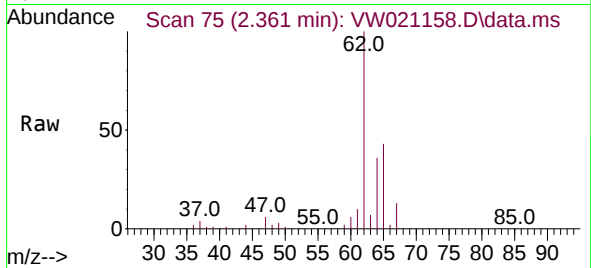




#5
 Vinyl chloride
 Concen: 27.530 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021158.D
 Acq: 06 Dec 2021 09:33

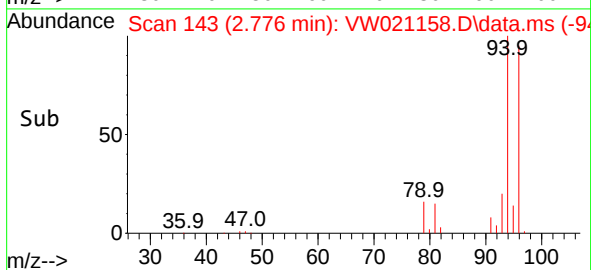
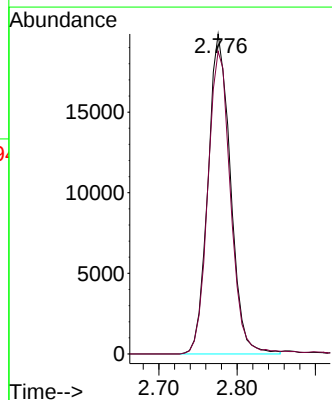
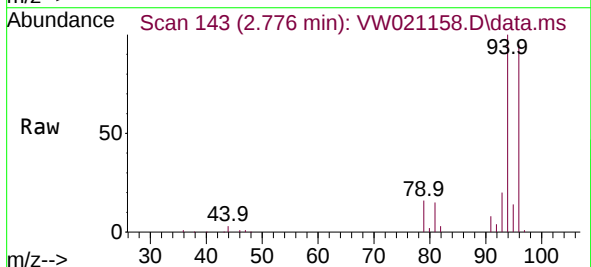
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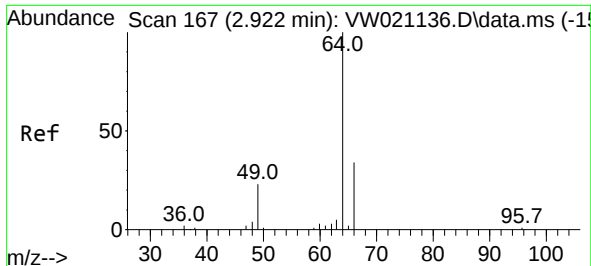
Tgt Ion: 62 Resp: 65206
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.4 45.2



#6
 Bromomethane
 Concen: 25.152 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021158.D
 Acq: 06 Dec 2021 09:33

Tgt Ion: 94 Resp: 39611
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.8 120.4

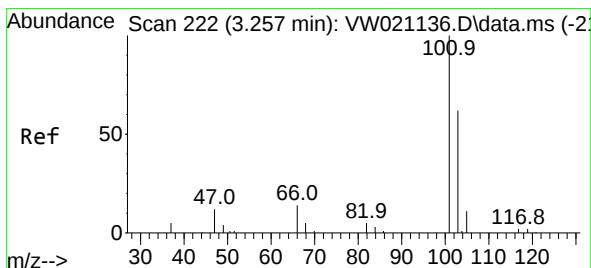
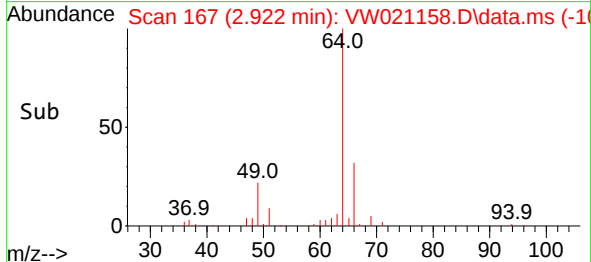
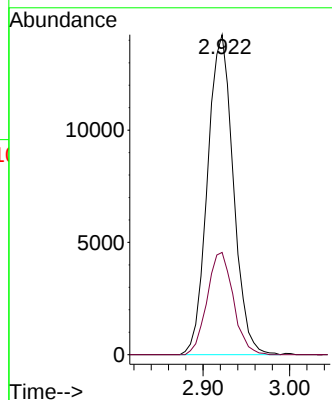
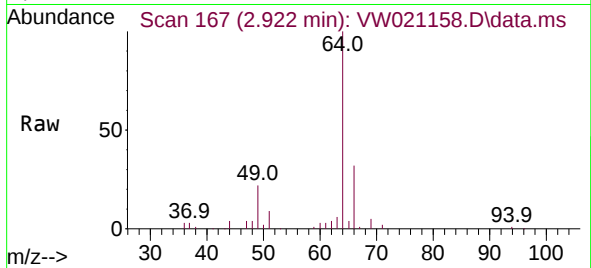




#8
Chloroethane
Concen: 29.863 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

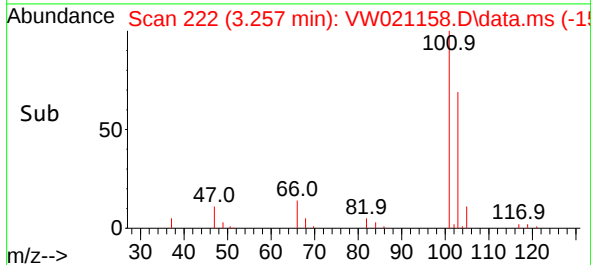
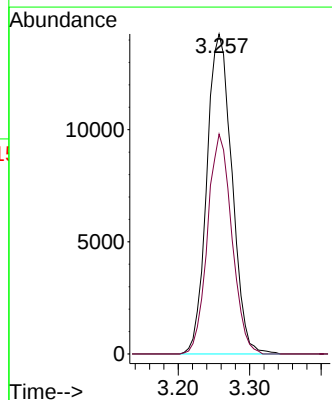
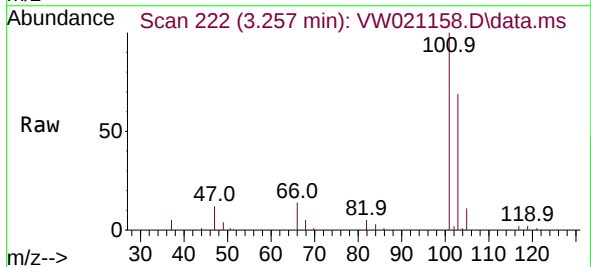
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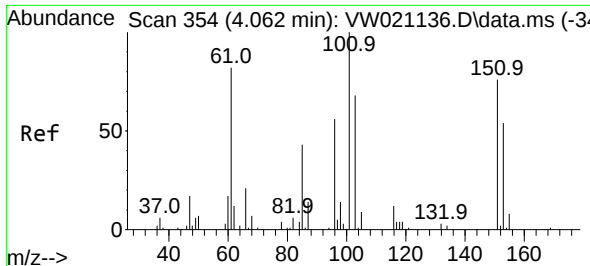
Tgt Ion: 64 Resp: 29478
Ion Ratio Lower Upper
64 100
66 32.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 30.395 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion:101 Resp: 34761
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.2

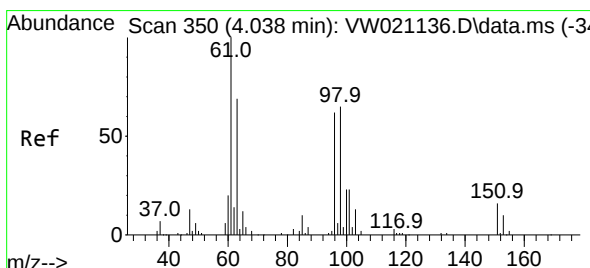
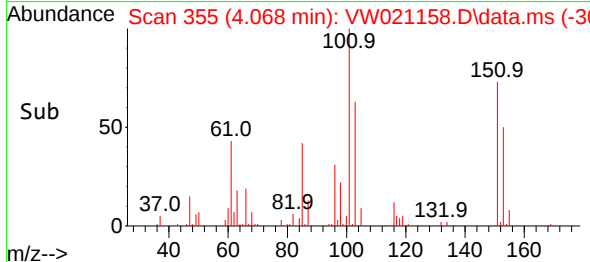
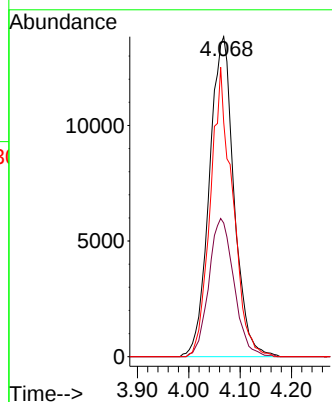
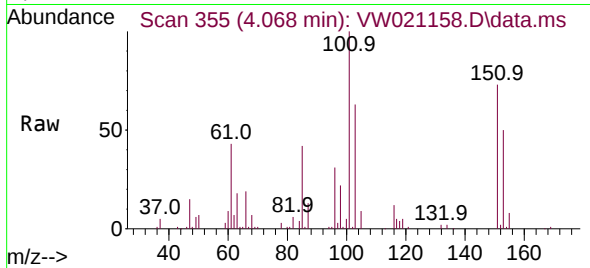




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.823 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW021158.D
 Acq: 06 Dec 2021 09:33

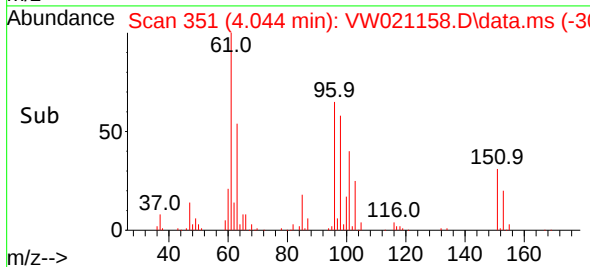
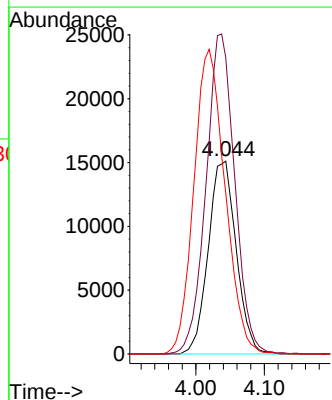
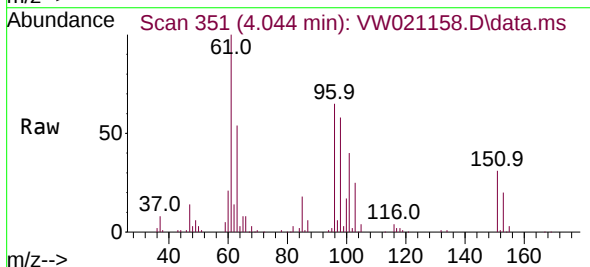
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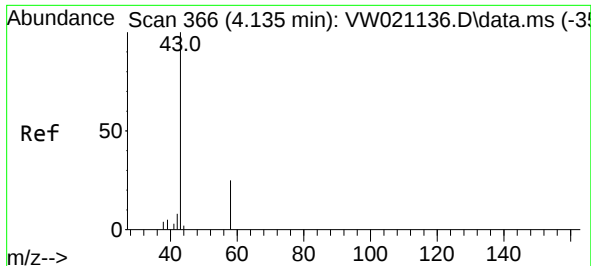
Tgt Ion:101 Resp: 46226
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.6 54.8
 151 81.3 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 26.478 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW021158.D
 Acq: 06 Dec 2021 09:33

Tgt Ion: 96 Resp: 42851
 Ion Ratio Lower Upper
 96 100
 61 153.5 138.3 256.9
 63 83.2 82.6 153.4





#13

Acetone

Concen: 33.205 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.006 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

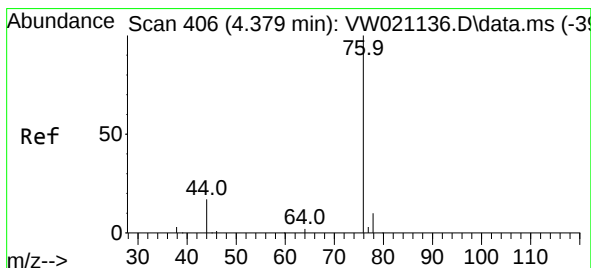
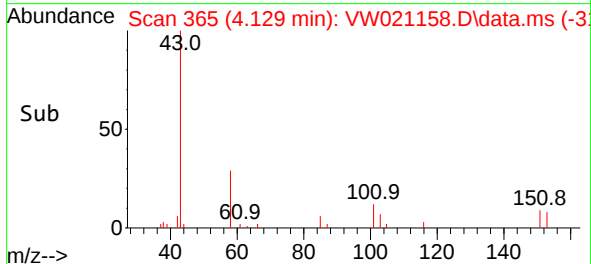
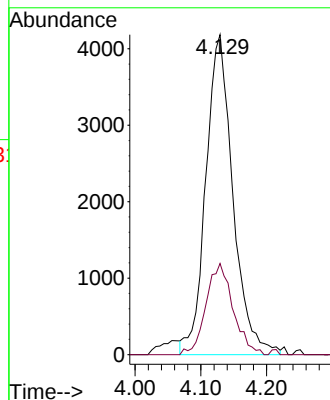
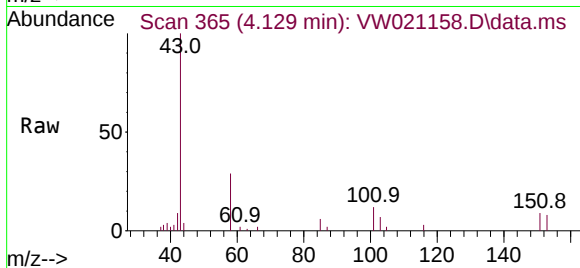
VSTD025512

Tgt Ion: 43 Resp: 11985

Ion Ratio Lower Upper

43 100

58 28.0 0.0 52.8



#14

Carbon disulfide

Concen: 27.074 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.012 min

Lab File: VW021158.D

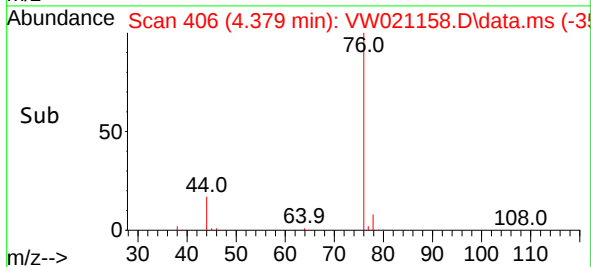
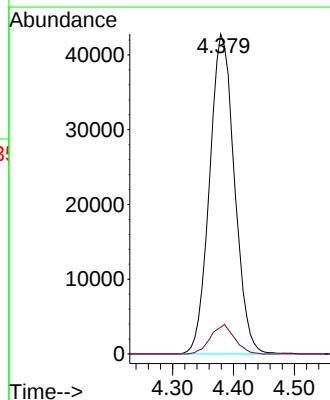
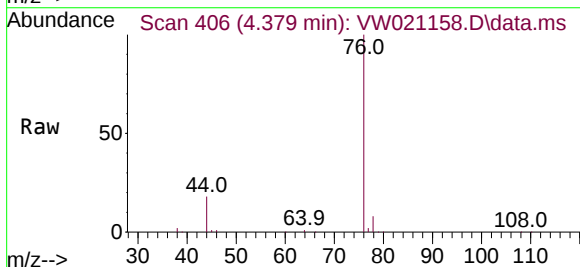
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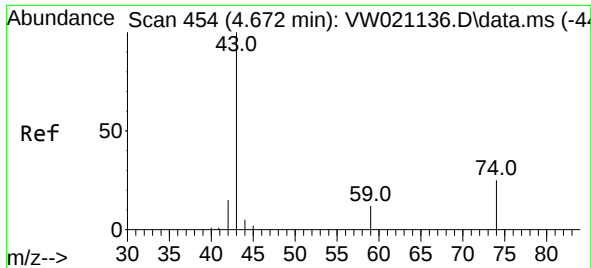
Tgt Ion: 76 Resp: 121620

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7

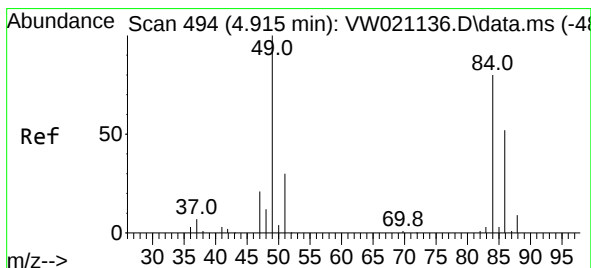
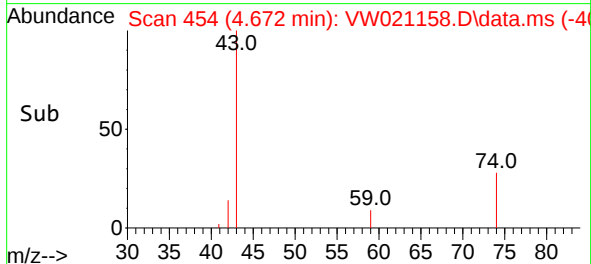
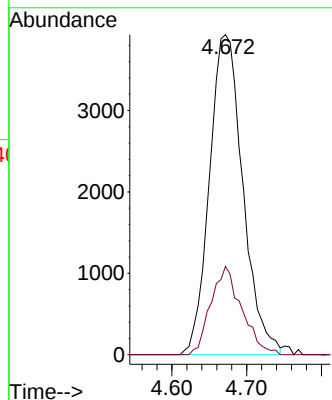
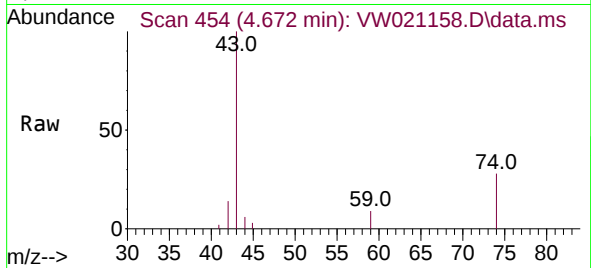




#15
Methyl Acetate
Concen: 18.689 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

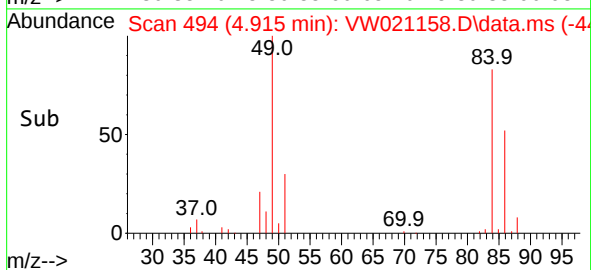
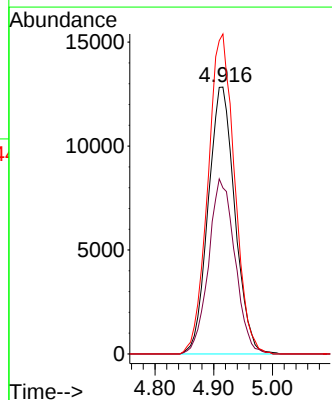
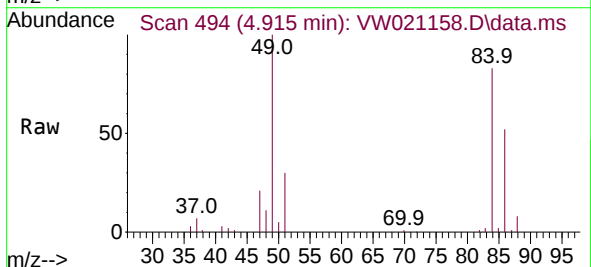
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

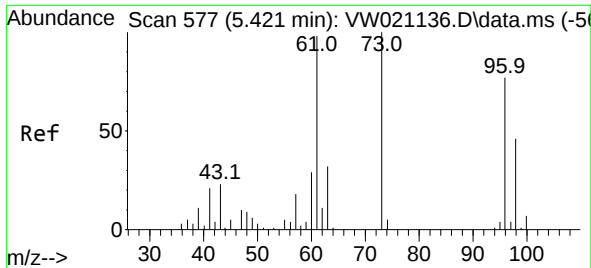
Tgt Ion: 43 Resp: 12231
Ion Ratio Lower Upper
43 100
74 25.5 16.4 24.6#



#16
Methylene chloride
Concen: 20.616 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion: 84 Resp: 40497
Ion Ratio Lower Upper
84 100
86 62.2 45.5 84.5
49 119.9 100.5 186.7

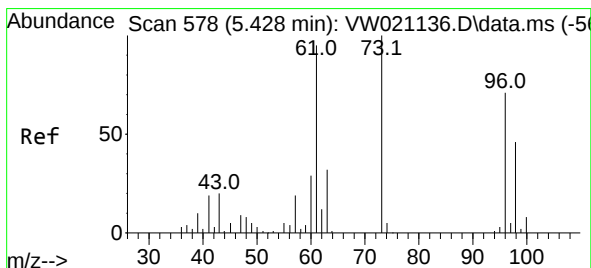
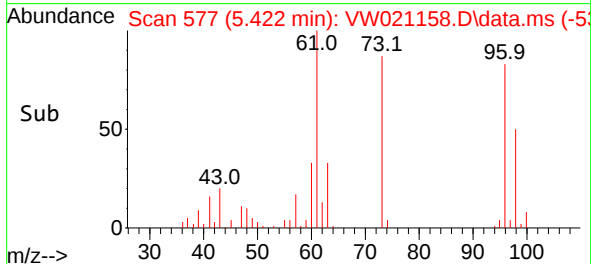
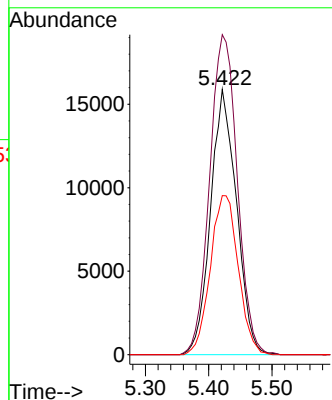
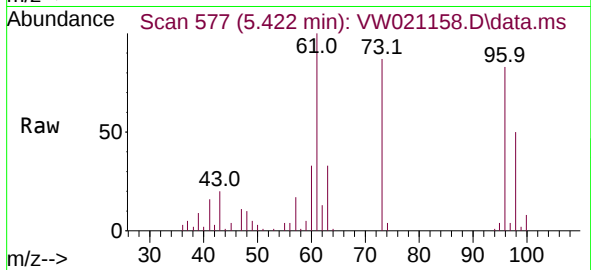




#17
trans-1,2-Dichloroethene
Concen: 26.315 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

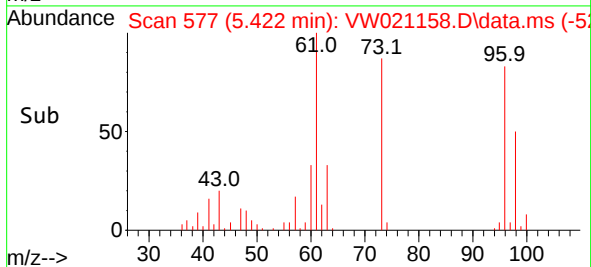
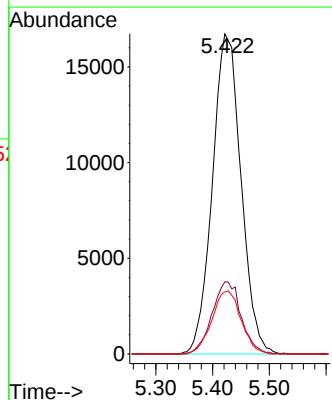
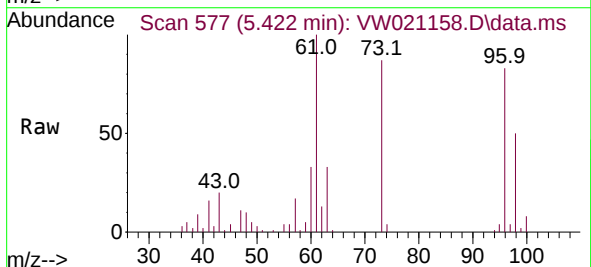
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

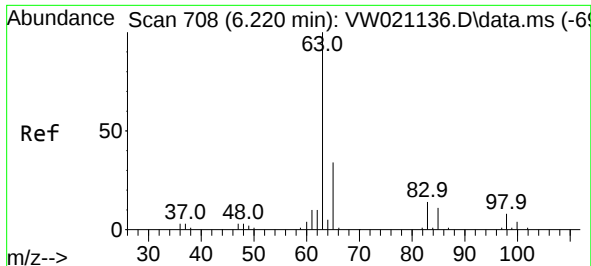
Tgt Ion: 96 Resp: 45344
Ion Ratio Lower Upper
96 100
61 120.6 107.4 199.4
98 59.9 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.540 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion: 73 Resp: 58622
Ion Ratio Lower Upper
73 100
43 22.9 19.5 29.3
57 20.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.064 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

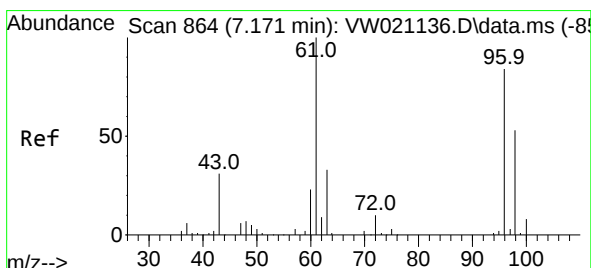
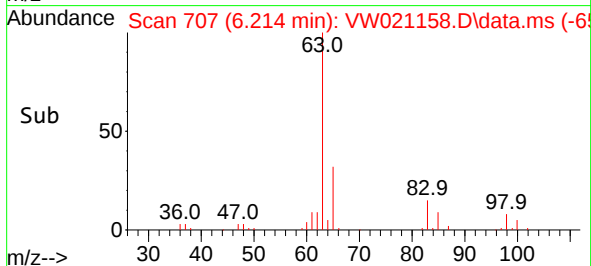
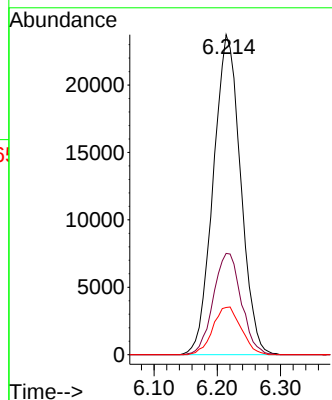
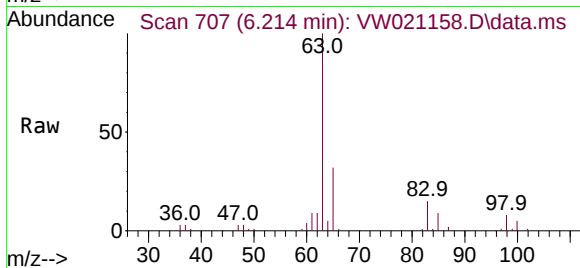
Tgt Ion: 63 Resp: 71216

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 14.7 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.857 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

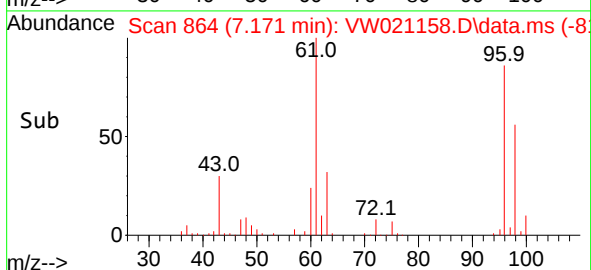
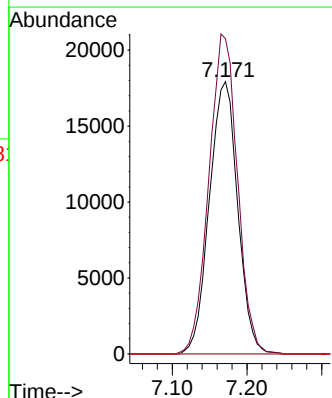
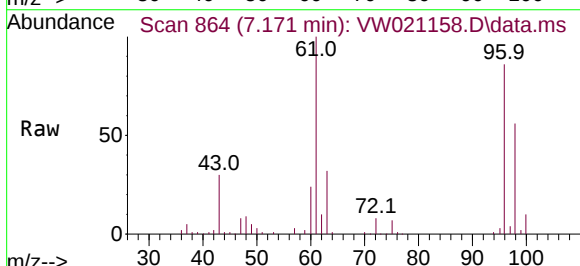
Tgt Ion: 96 Resp: 47268

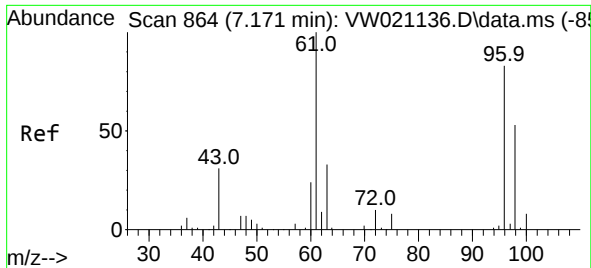
Ion Ratio Lower Upper

96 100

61 115.7 103.7 192.7

68 0.0 0.0 0.0

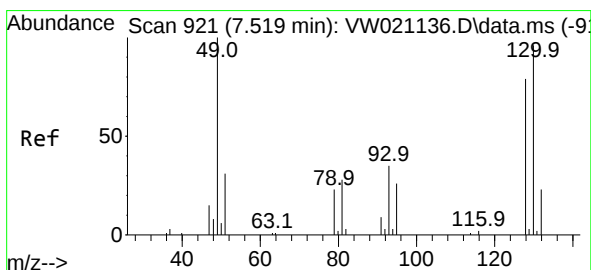
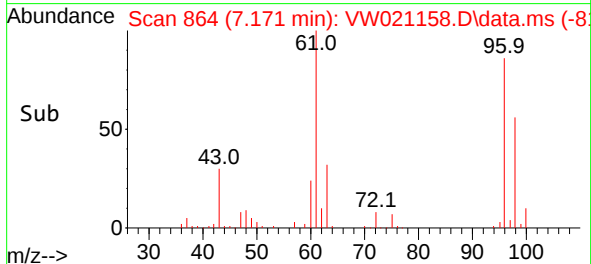
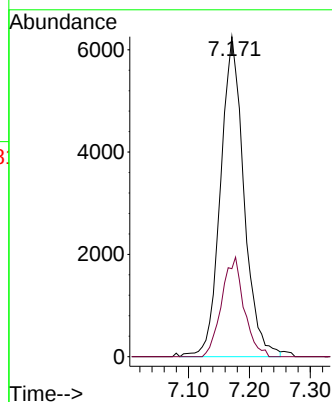
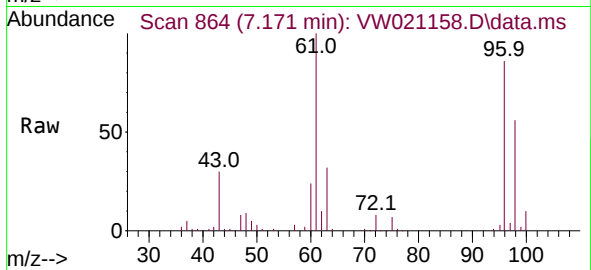




#22
2-Butanone
Concen: 33.464 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

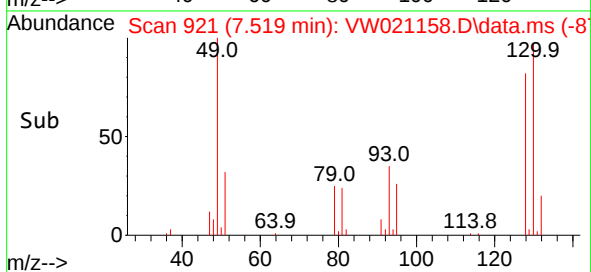
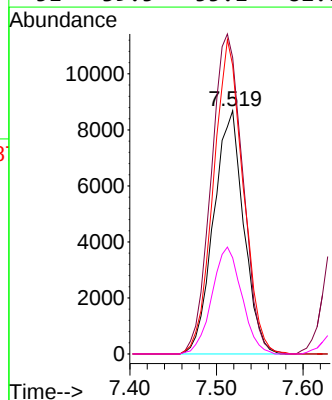
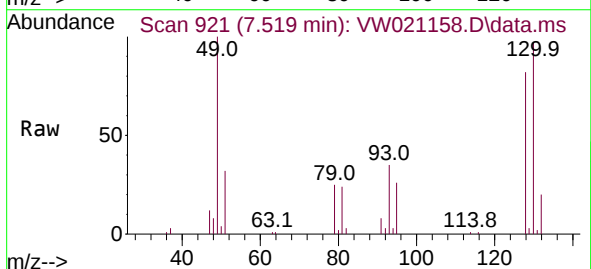
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

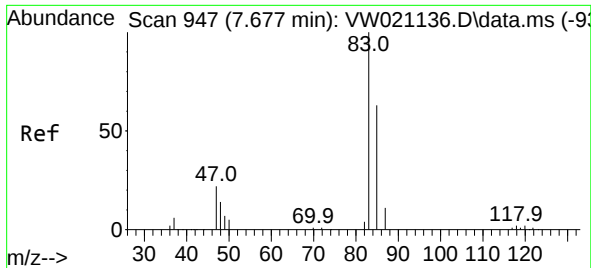
Tgt Ion: 43 Resp: 16715
Ion Ratio Lower Upper
43 100
72 29.6 11.8 35.4



#23
Bromochloromethane
Concen: 24.539 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion: 128 Resp: 20989
Ion Ratio Lower Upper
128 100
49 121.8 150.3 279.1#
130 118.7 88.3 163.9
51 39.5 55.1 82.7#

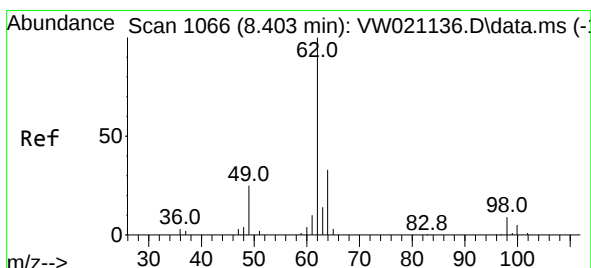
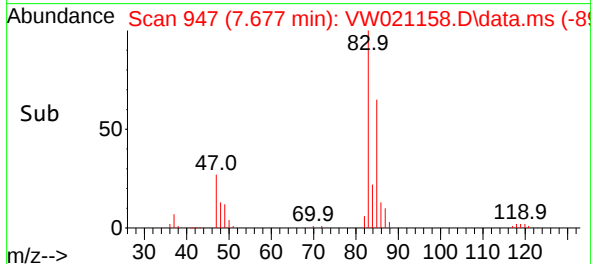
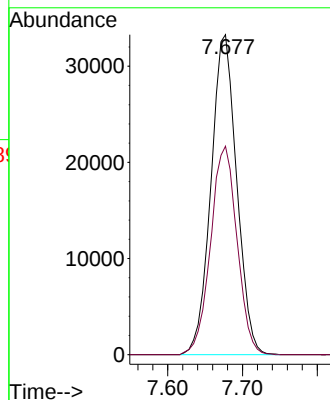
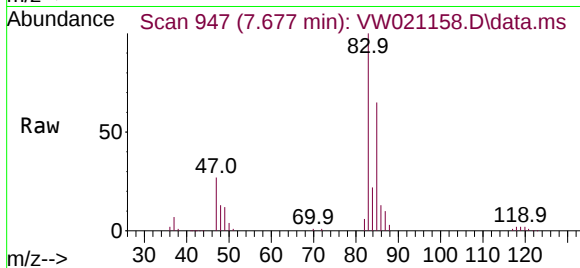




#25
Chloroform
Concen: 25.953 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

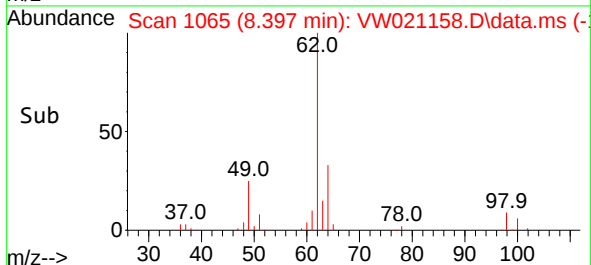
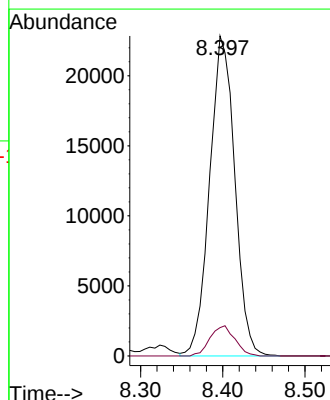
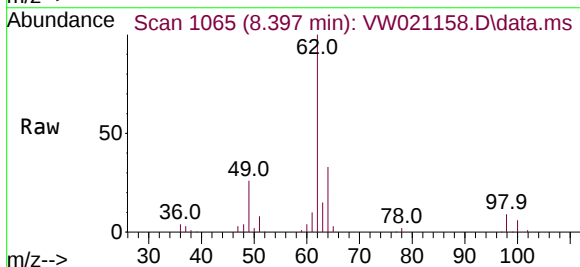
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

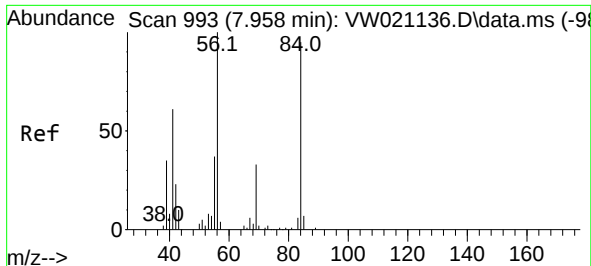
Tgt Ion: 83 Resp: 79600
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.240 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion: 62 Resp: 48635
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7





#29

Cyclohexane

Concen: 27.248 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

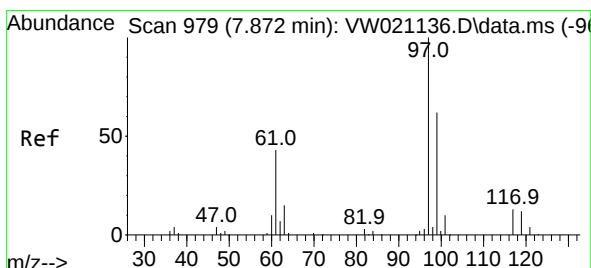
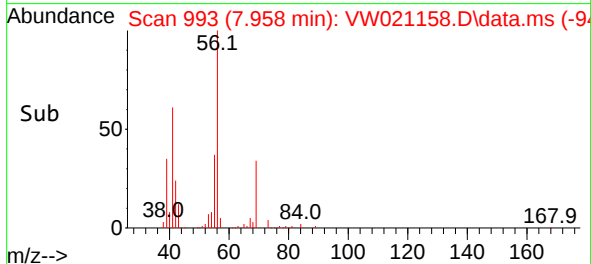
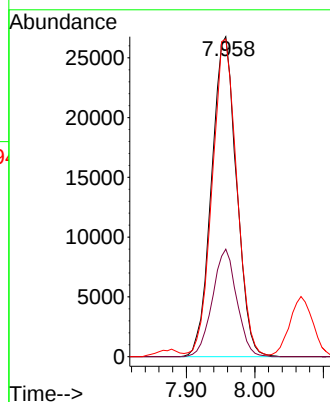
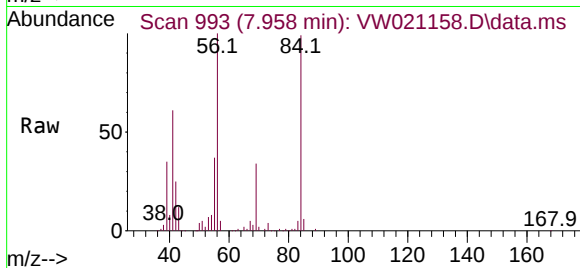
Tgt Ion: 56 Resp: 67603

Ion Ratio Lower Upper

56 100

69 32.7 23.5 35.3

84 98.3 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 27.602 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

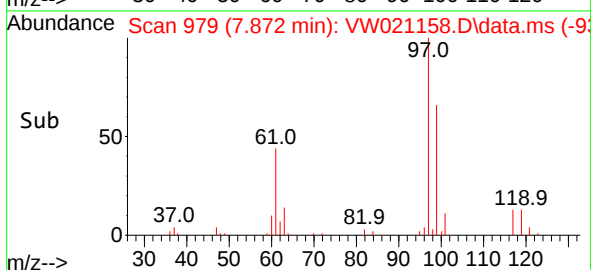
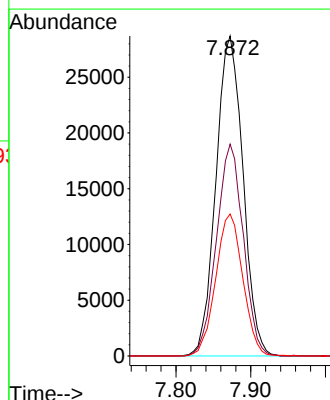
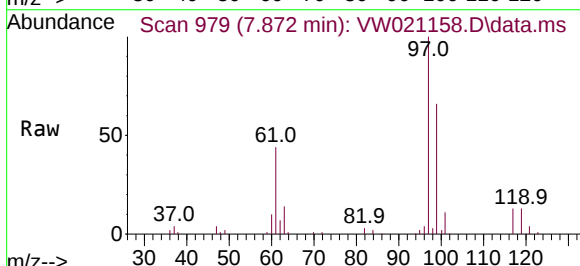
Tgt Ion: 97 Resp: 72378

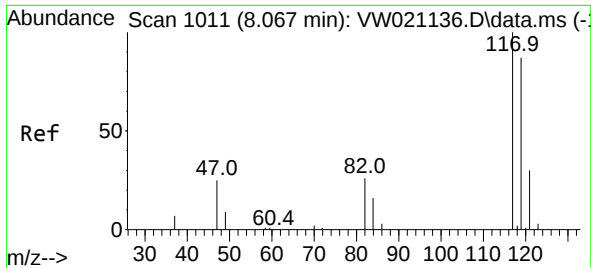
Ion Ratio Lower Upper

97 100

99 65.6 51.6 77.4

61 44.4 40.9 61.3

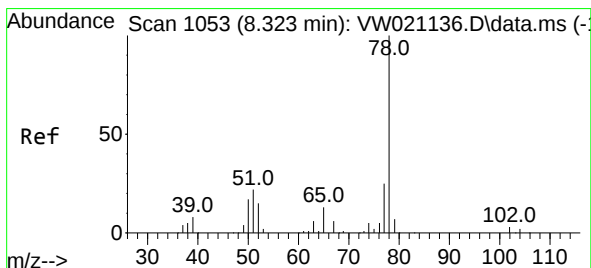
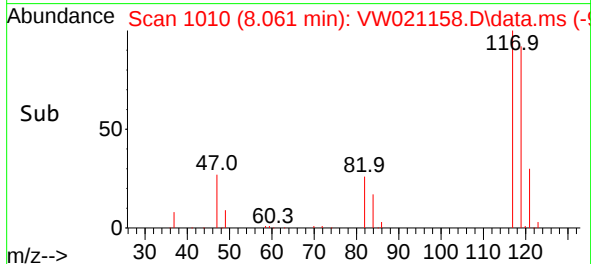
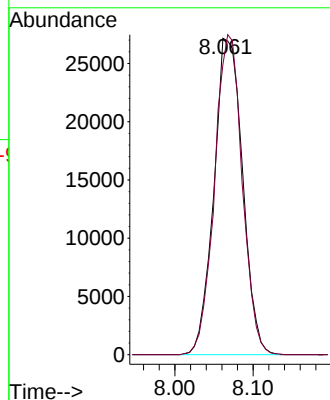
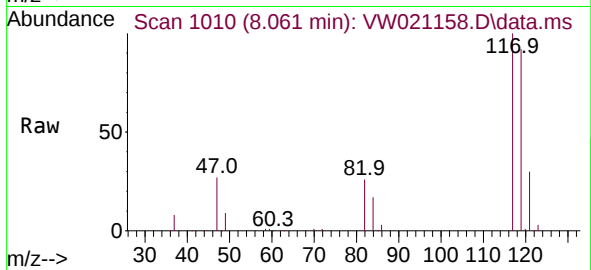




#31
Carbon tetrachloride
Concen: 28.357 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.012 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

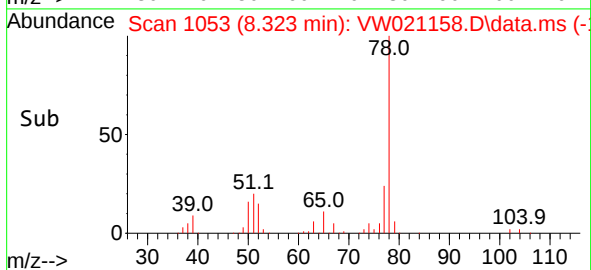
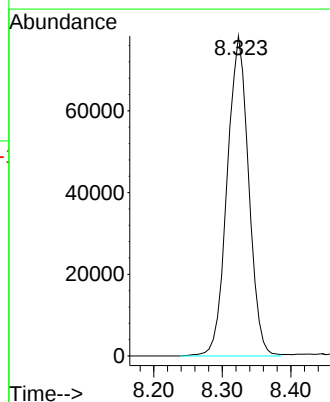
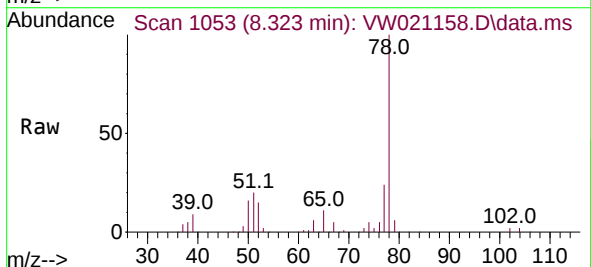
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

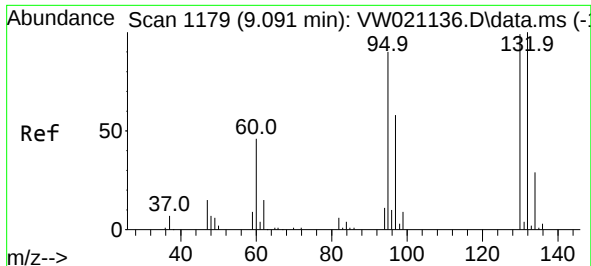
Tgt Ion:117 Resp: 69095
Ion Ratio Lower Upper
117 100
119 97.4 75.7 113.5



#33
Benzene
Concen: 26.681 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion: 78 Resp: 170640





#34

Trichloroethene

Concen: 27.552 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

Tgt Ion: 95 Resp: 48613

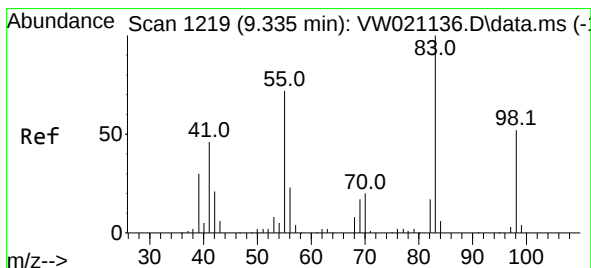
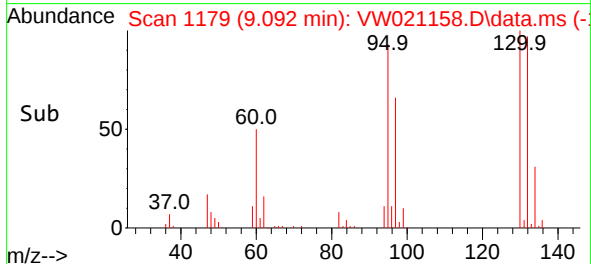
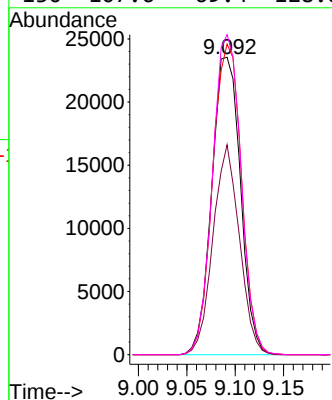
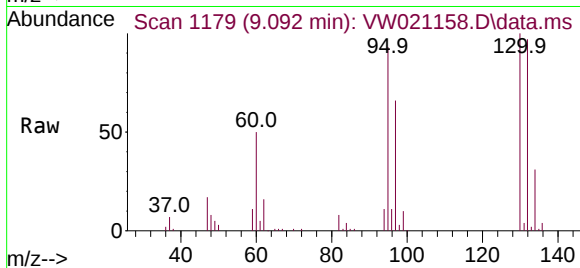
Ion Ratio Lower Upper

95 100

97 70.6 47.0 87.2

132 104.5 65.5 121.6

130 107.6 69.4 128.8



#35

Methylcyclohexane

Concen: 26.928 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

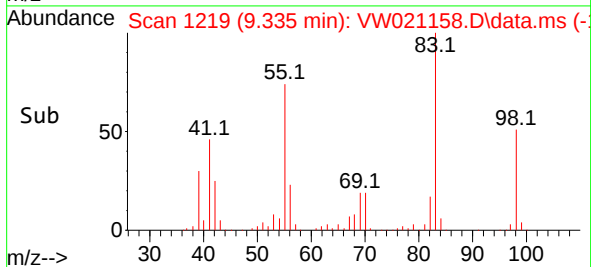
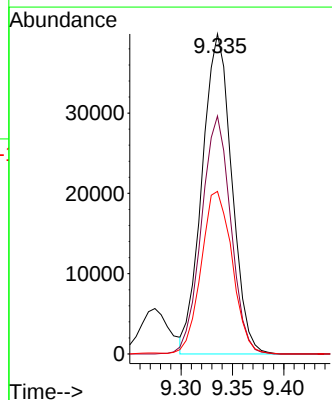
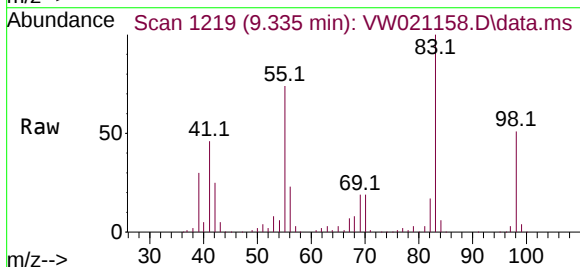
Tgt Ion: 83 Resp: 79974

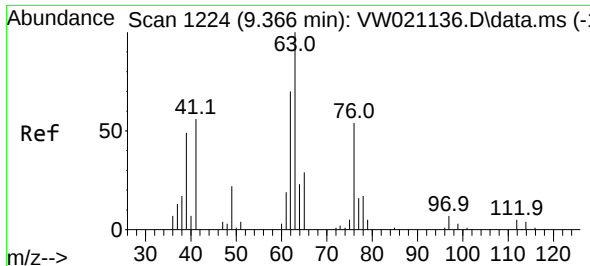
Ion Ratio Lower Upper

83 100

55 73.3 70.8 106.2

98 53.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 26.573 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

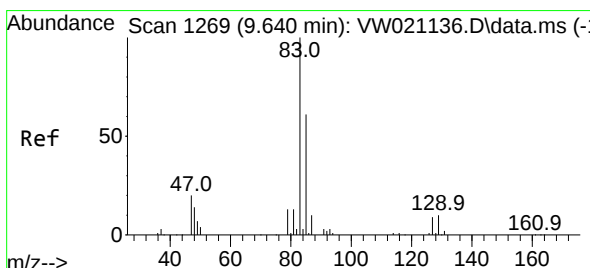
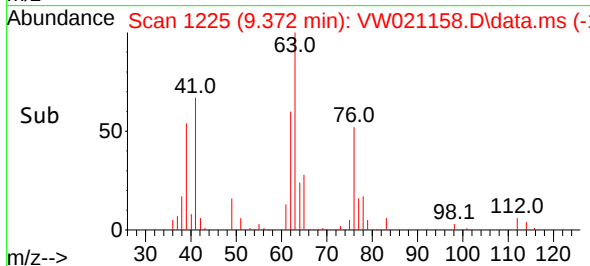
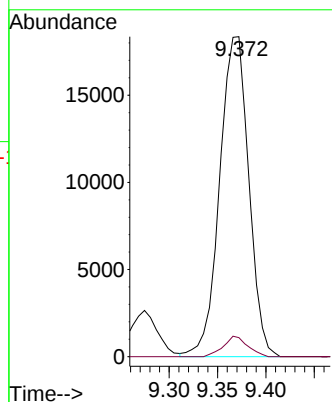
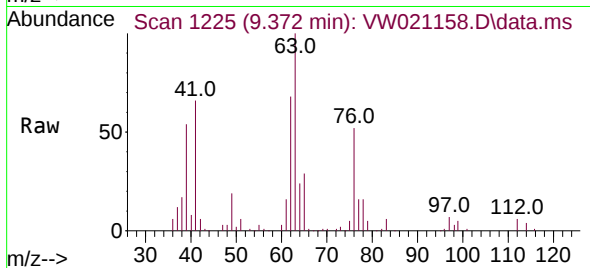
VSTD025512

Tgt Ion: 63 Resp: 38411

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.928 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

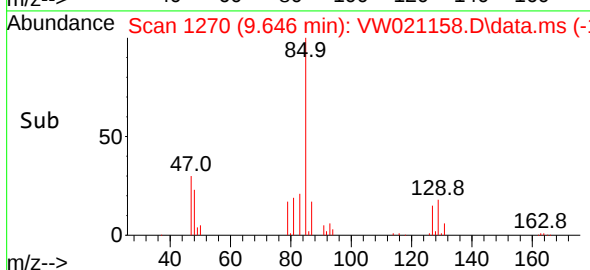
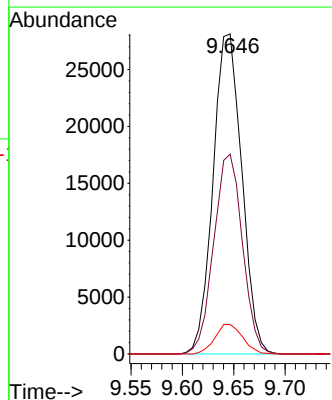
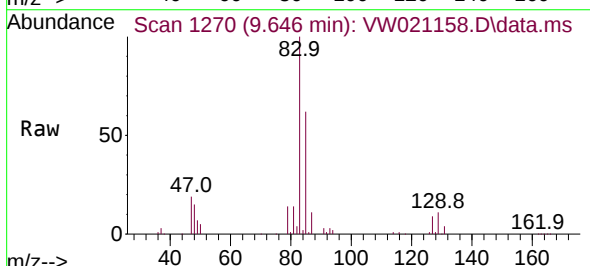
Tgt Ion: 83 Resp: 54718

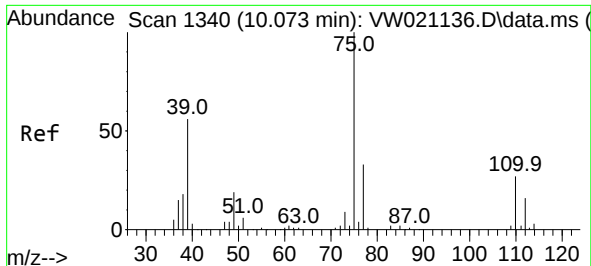
Ion Ratio Lower Upper

83 100

85 62.4 44.1 81.9

127 9.2 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 26.894 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

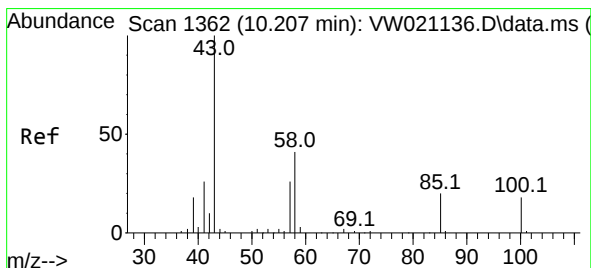
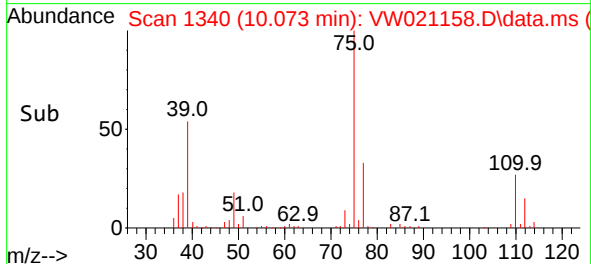
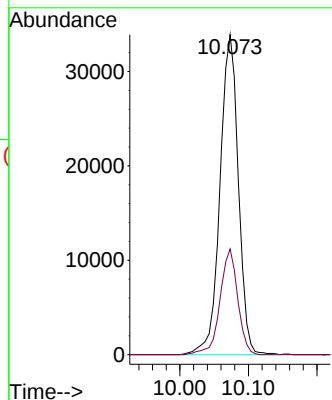
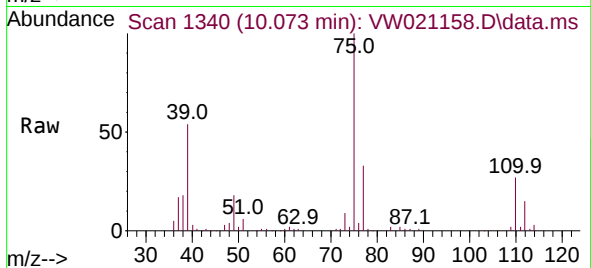
VSTD025512

Tgt Ion: 75 Resp: 62880

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 38.920 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

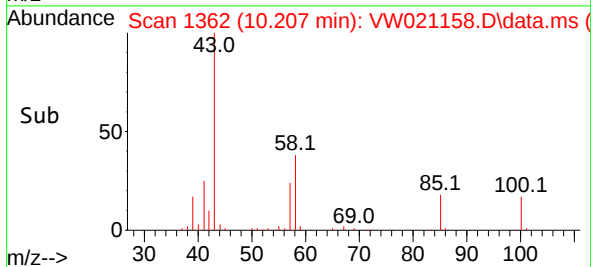
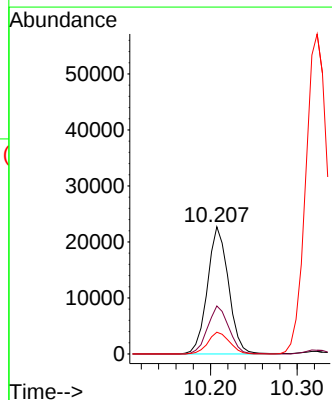
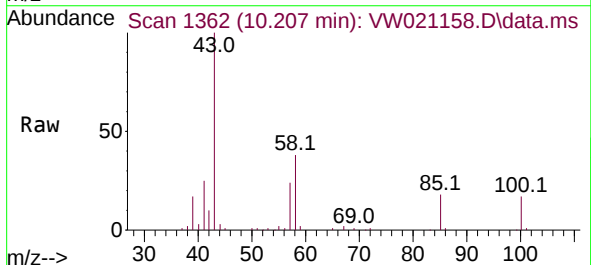
Tgt Ion: 43 Resp: 38326

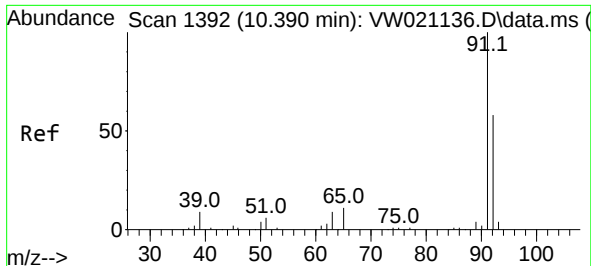
Ion Ratio Lower Upper

43 100

58 38.1 28.8 43.2

100 17.5 10.0 15.0#

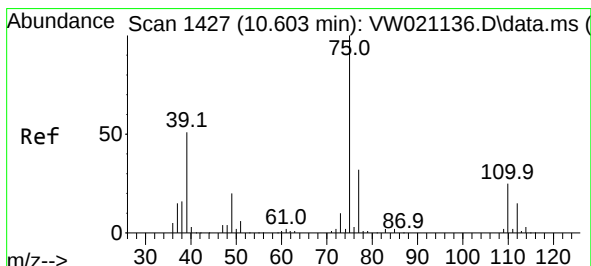
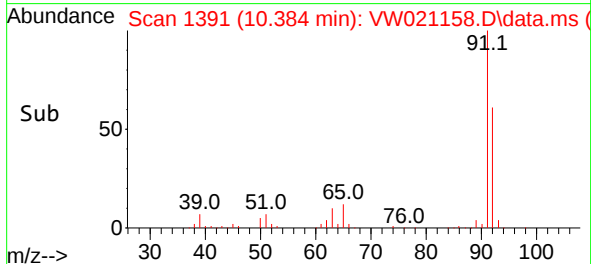
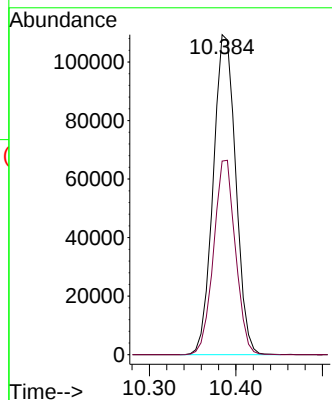
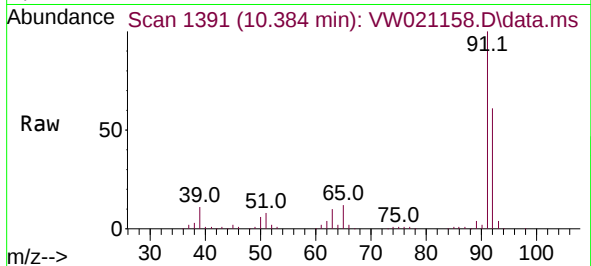




#42
Toluene
Concen: 27.072 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

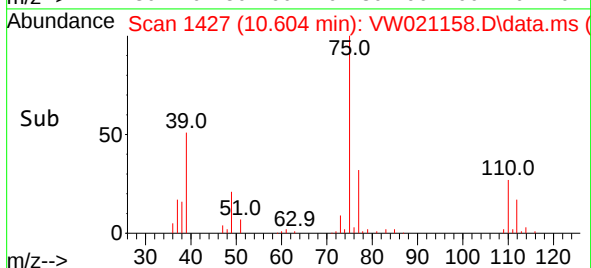
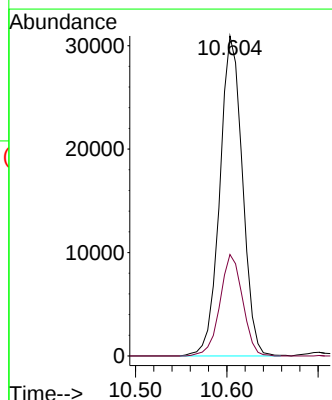
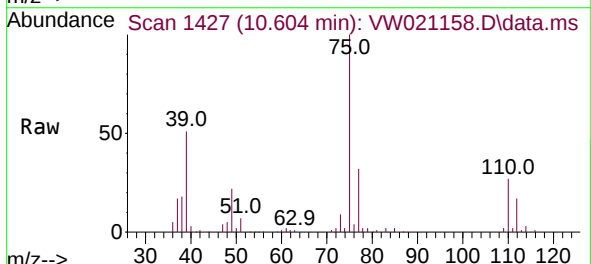
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

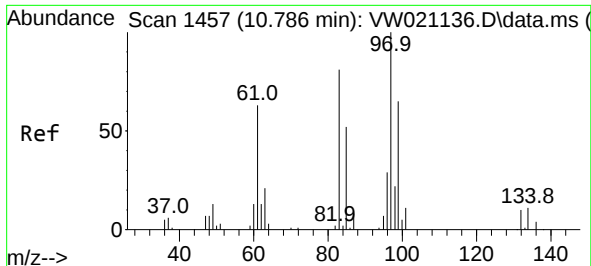
Tgt Ion: 91 Resp: 197760
Ion Ratio Lower Upper
91 100
92 60.5 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.204 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion: 75 Resp: 53316
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2

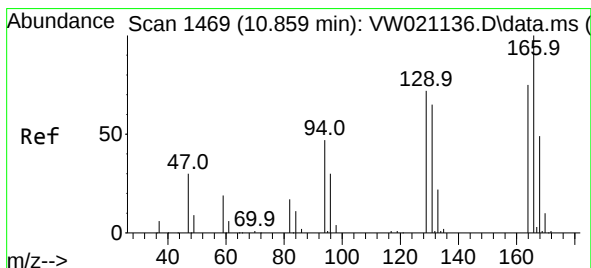
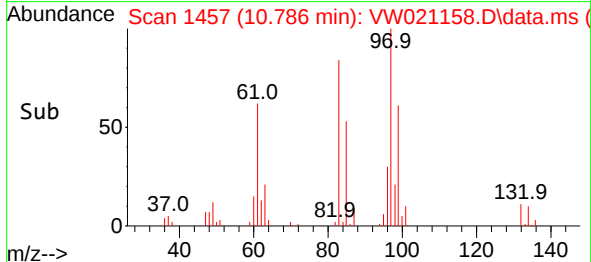
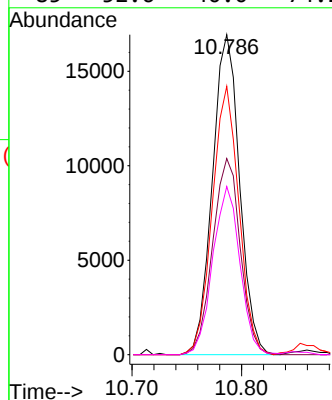
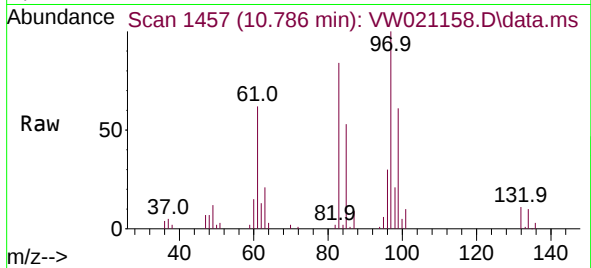




#45
1,1,2-Trichloroethane
Concen: 24.101 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

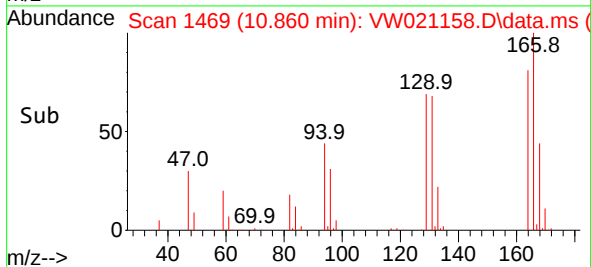
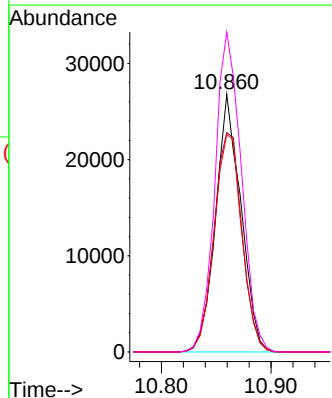
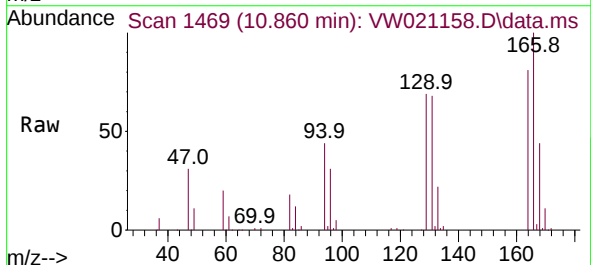
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

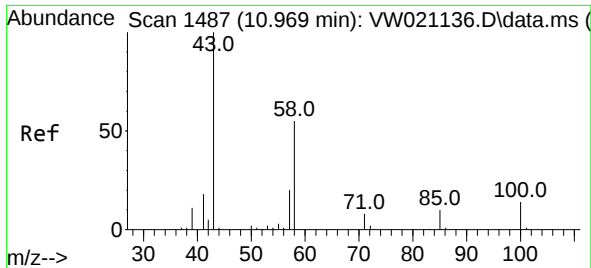
Tgt Ion:	97	Resp:	29207
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.0	79.8
83	83.8	62.6	116.3
85	52.6	40.0	74.2



#46
Tetrachloroethene
Concen: 26.567 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion:	164	Resp:	42923
Ion	Ratio	Lower	Upper
164	100		
129	85.1	65.5	121.7
131	84.4	59.7	110.9
166	124.2	88.7	164.7

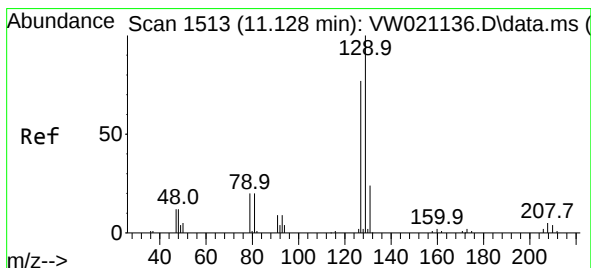
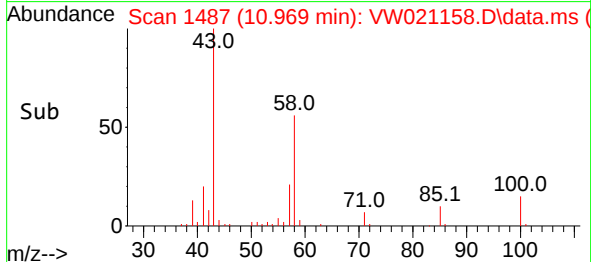
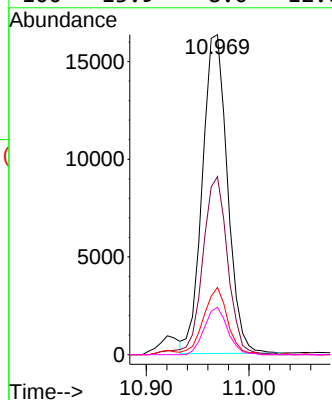
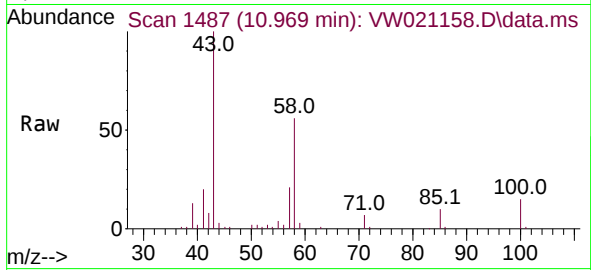




#48
2-Hexanone
Concen: 39.036 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

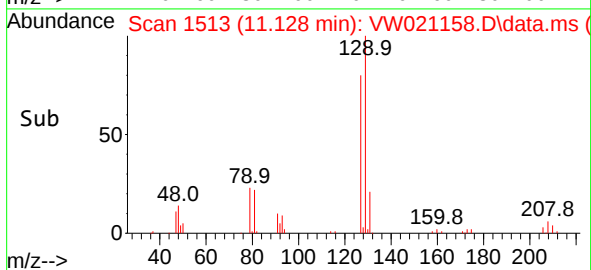
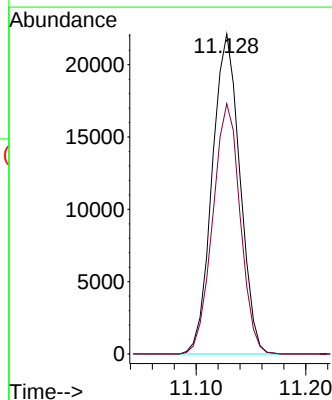
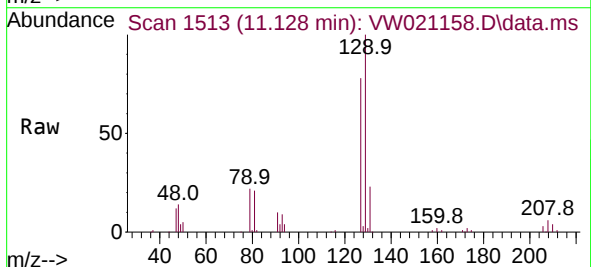
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

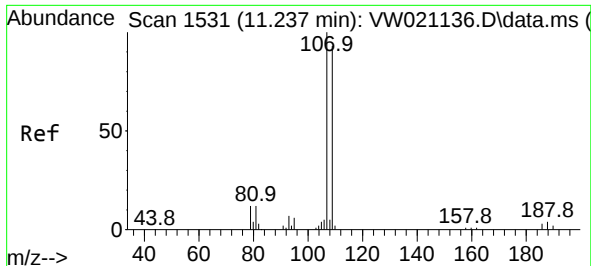
Tgt Ion:	43	Resp:	27730
Ion	Ratio	Lower	Upper
43	100		
58	55.8	40.2	60.2
57	20.2	14.3	21.5
100	13.9	8.0	12.0



#49
Dibromochloromethane
Concen: 25.623 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion:	129	Resp:	38810
Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.7	103.5





#50

1,2-Dibromoethane

Concen: 23.513 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

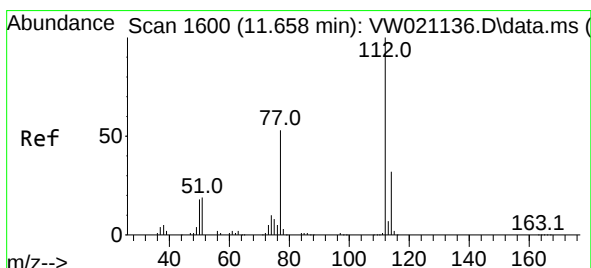
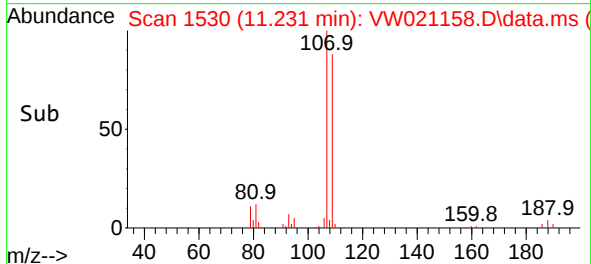
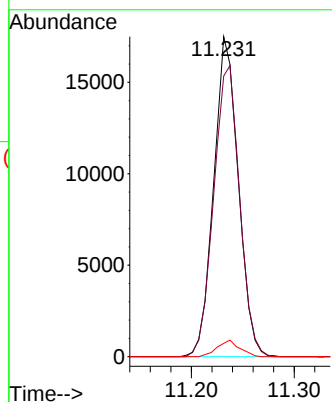
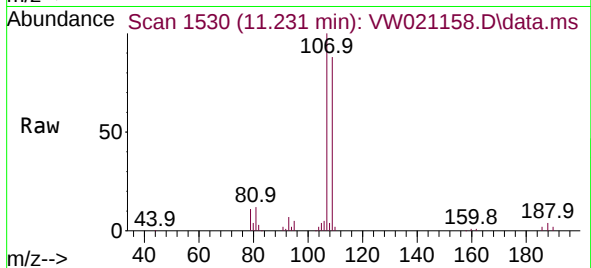
Tgt Ion:107 Resp: 29059

Ion Ratio Lower Upper

107 100

109 87.7 64.1 119.1

188 4.1 2.6 3.8#



#51

Chlorobenzene

Concen: 26.379 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

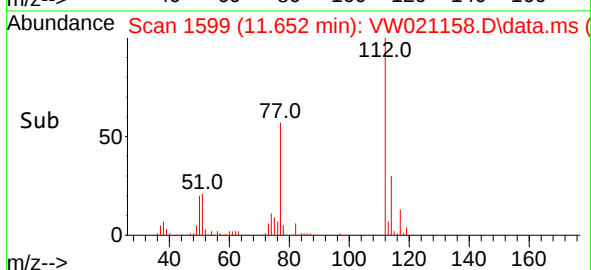
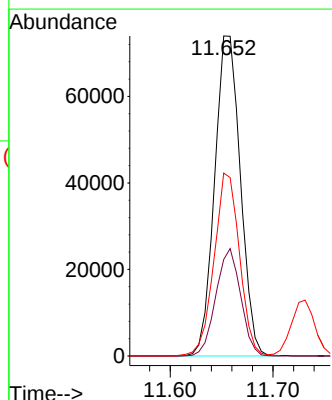
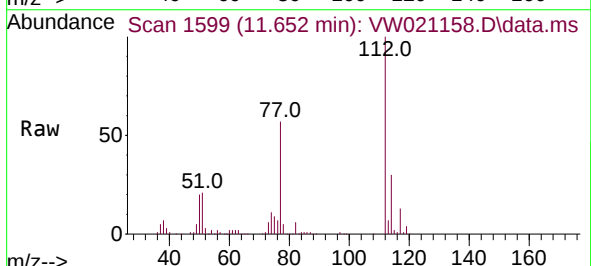
Tgt Ion:112 Resp: 128756

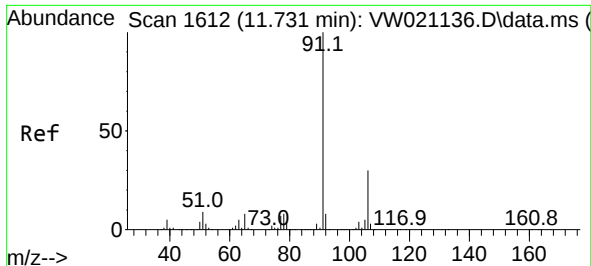
Ion Ratio Lower Upper

112 100

114 30.1 22.4 41.6

77 57.2 50.2 75.4





#52

Ethylbenzene

Concen: 27.642 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

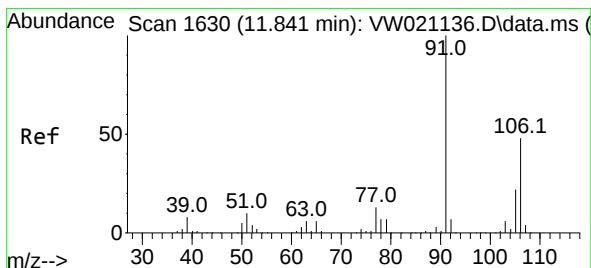
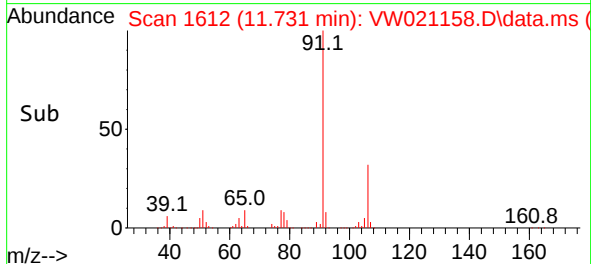
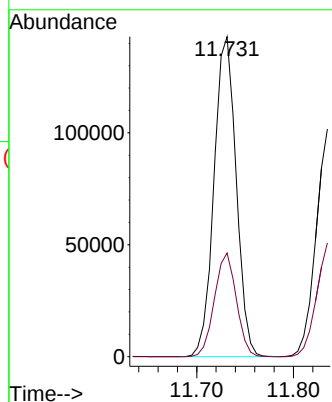
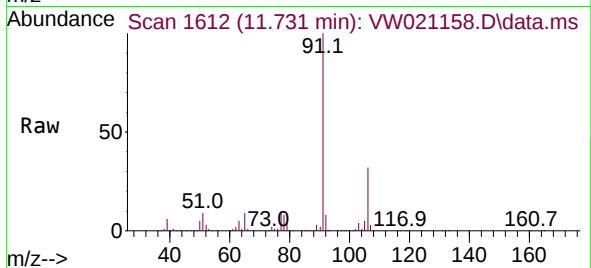
VSTD025512

Tgt Ion: 91 Resp: 227320

Ion Ratio Lower Upper

91 100

106 32.4 21.5 39.9



#53

m,p-Xylene

Concen: 28.118 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VW021158.D

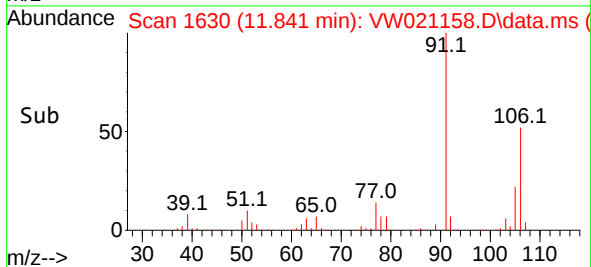
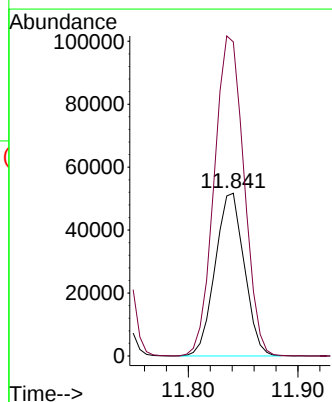
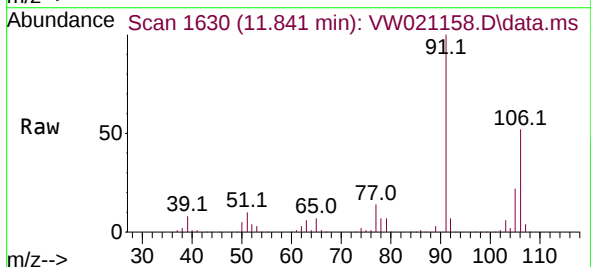
Acq: 06 Dec 2021 09:33

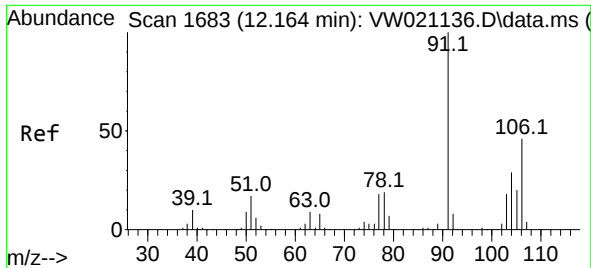
Tgt Ion:106 Resp: 95655

Ion Ratio Lower Upper

106 100

91 193.0 149.9 278.3

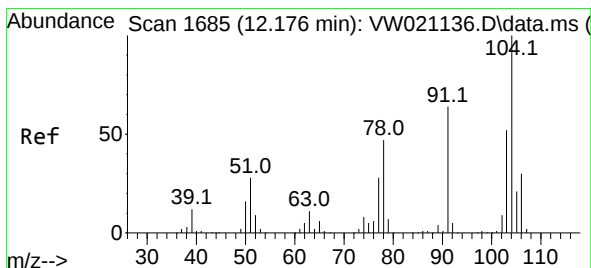
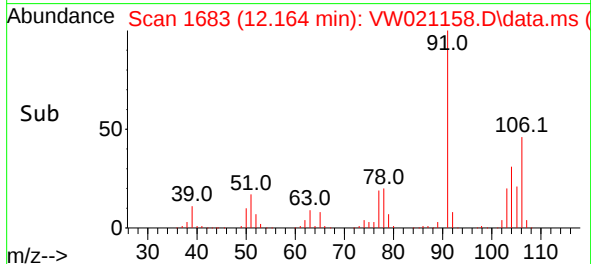
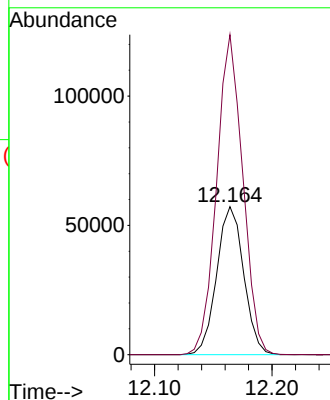
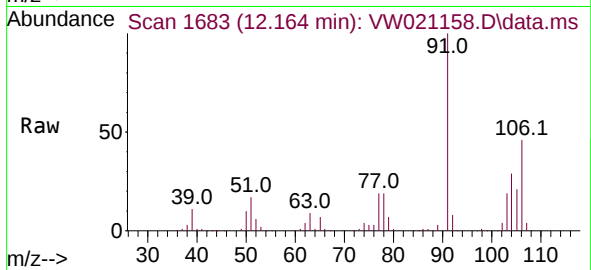




#54
o-Xylene
Concen: 28.549 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

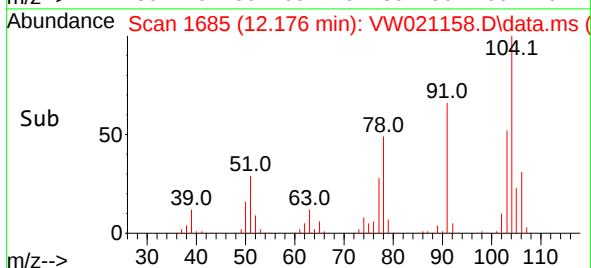
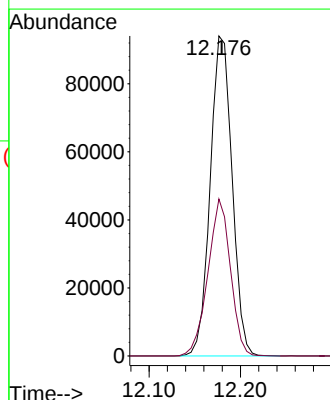
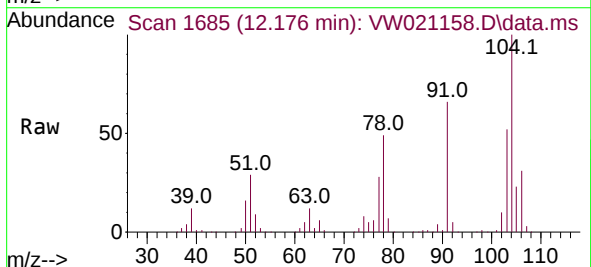
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

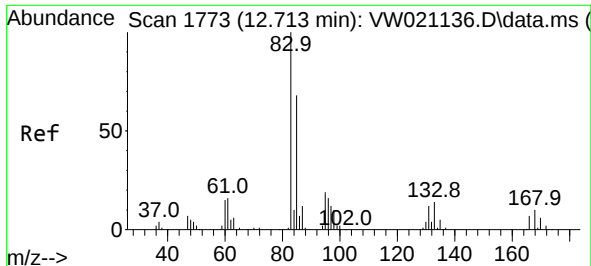
Tgt Ion:106 Resp: 91569
Ion Ratio Lower Upper
106 100
91 216.1 153.6 285.3



#55
Styrene
Concen: 28.609 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion:104 Resp: 156343
Ion Ratio Lower Upper
104 100
78 49.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 22.169 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

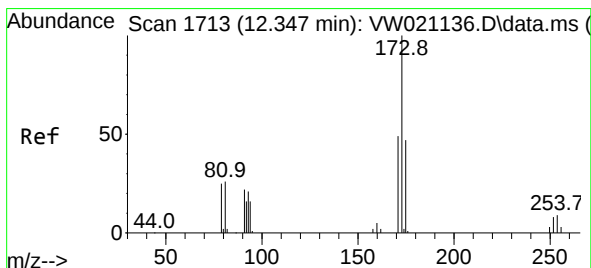
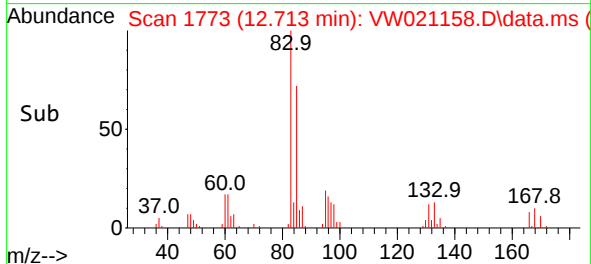
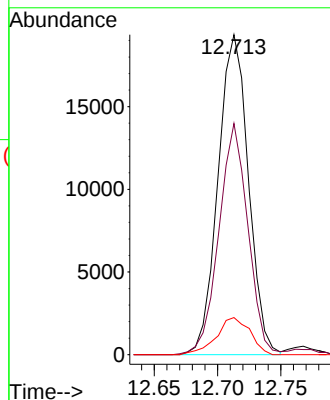
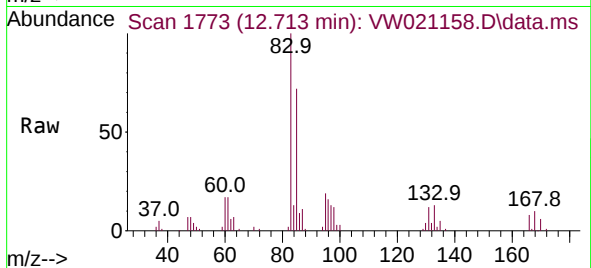
Tgt Ion: 83 Resp: 32314

Ion Ratio Lower Upper

83 100

85 72.2 44.0 81.6

131 11.6 6.9 10.3#



#59

Bromoform

Concen: 22.087 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

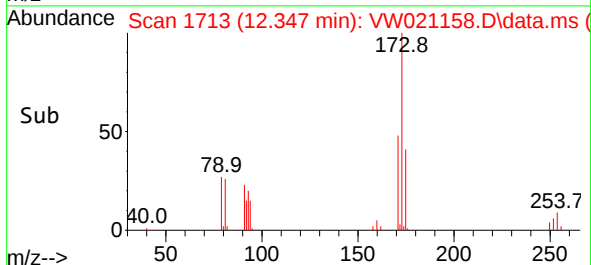
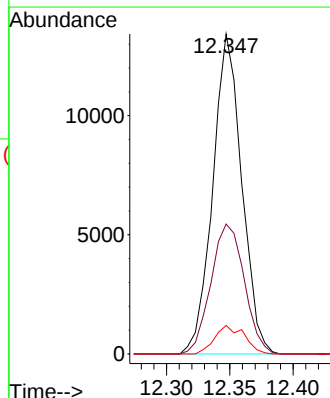
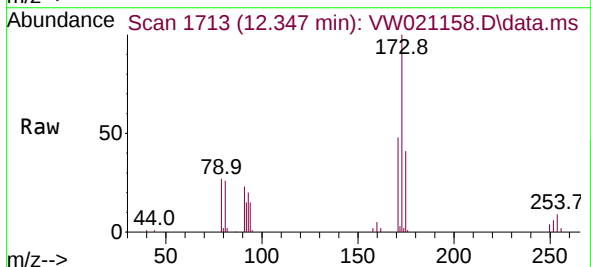
Tgt Ion:173 Resp: 21370

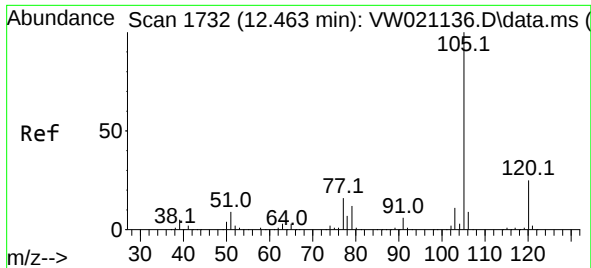
Ion Ratio Lower Upper

173 100

175 46.7 39.6 59.4

254 9.1 7.4 11.0

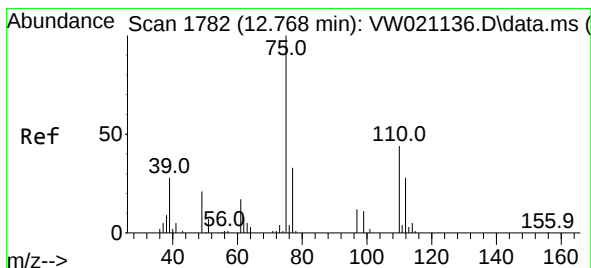
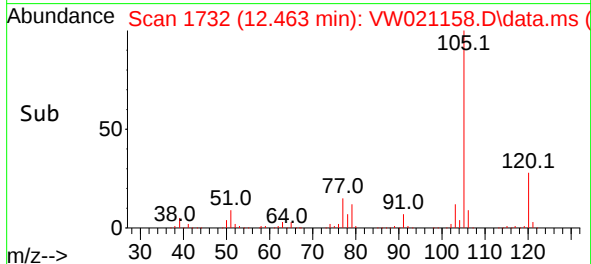
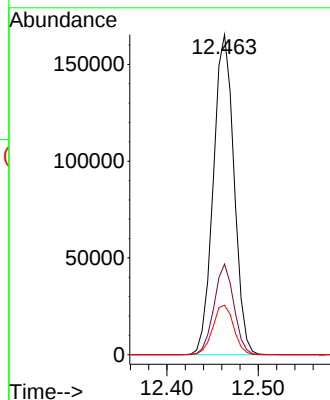
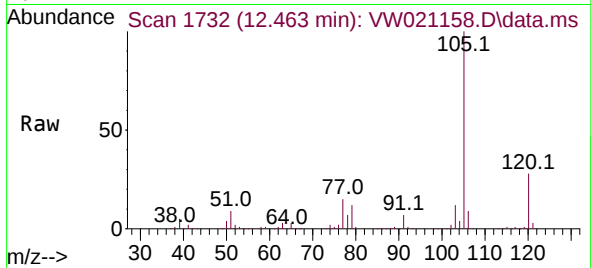




#60
Isopropylbenzene
Concen: 27.520 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

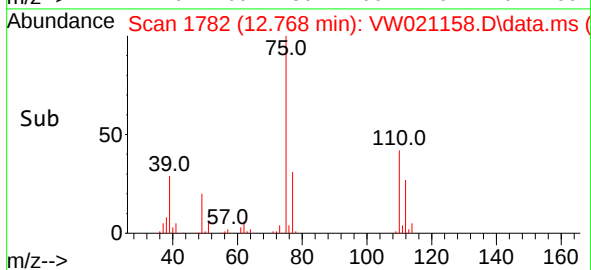
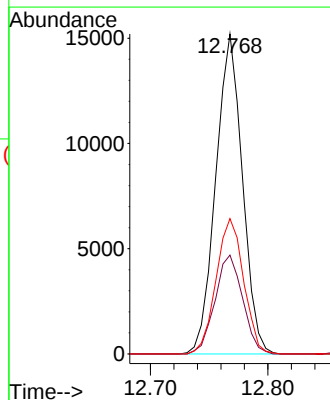
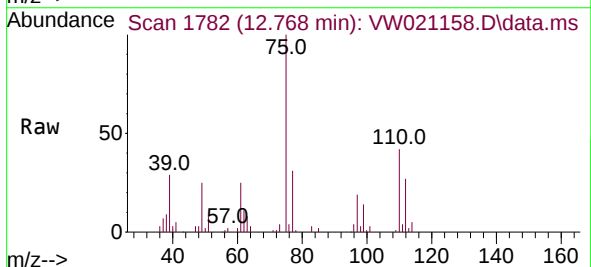
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

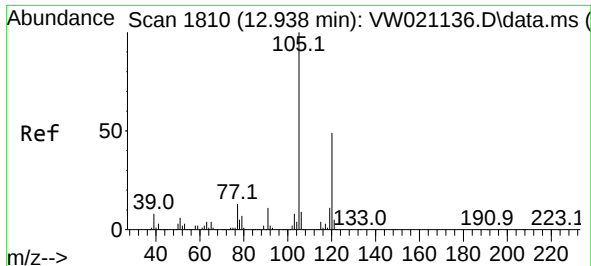
Tgt Ion:105 Resp: 259483
Ion Ratio Lower Upper
105 100
120 27.3 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 21.046 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion: 75 Resp: 23919
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 43.8 29.0 43.4#

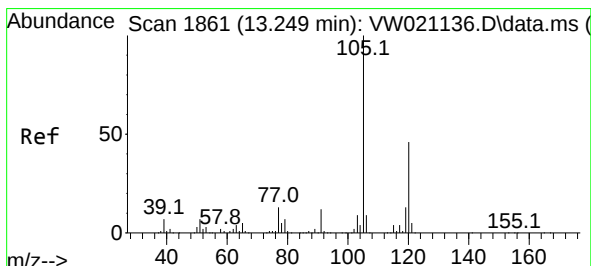
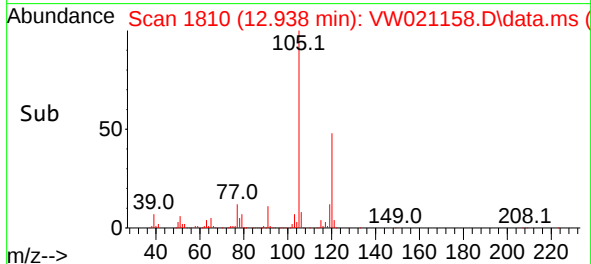
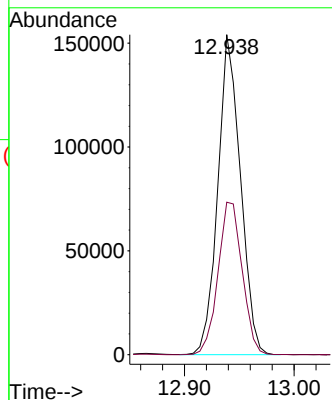
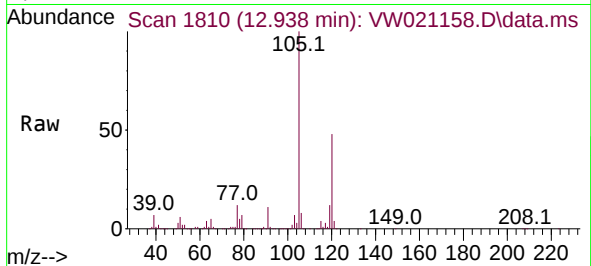




#62
1,3,5-Trimethylbenzene
Concen: 28.008 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

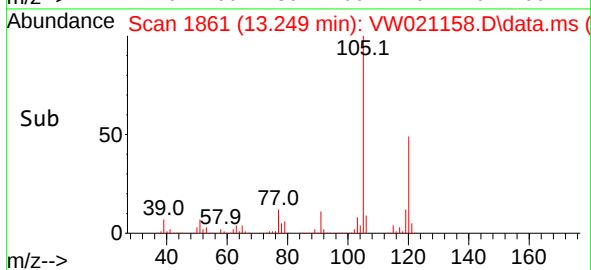
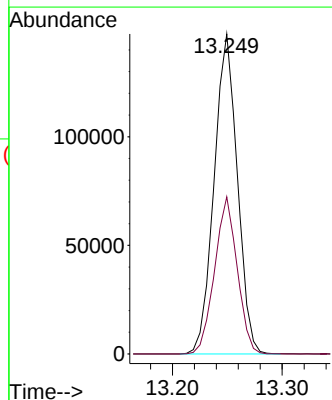
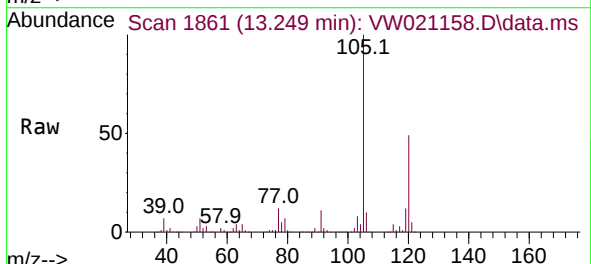
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

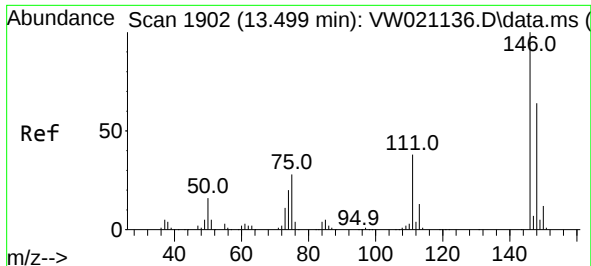
Tgt Ion:105 Resp: 221156
Ion Ratio Lower Upper
105 100
120 50.9 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 27.357 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion:105 Resp: 217260
Ion Ratio Lower Upper
105 100
120 47.6 35.0 52.6

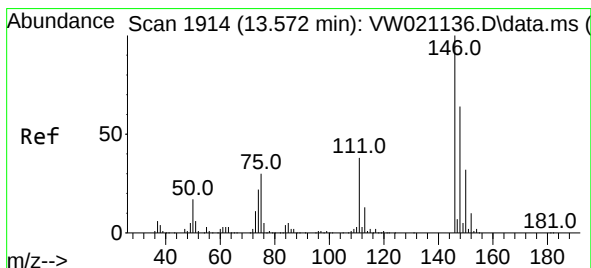
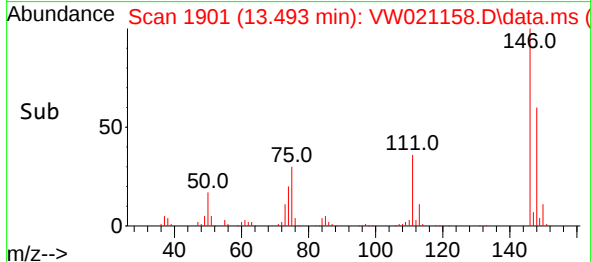
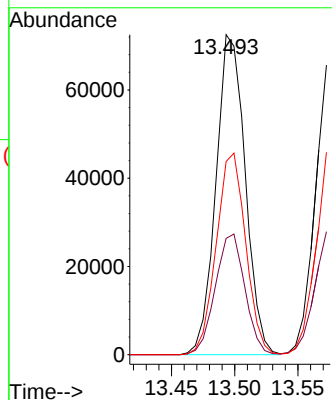
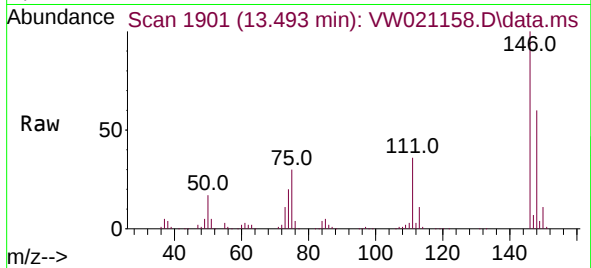




#64
1,3-Dichlorobenzene
Concen: 26.304 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

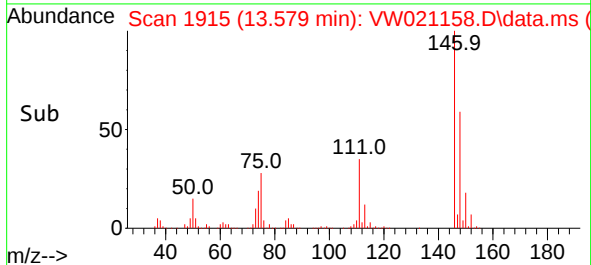
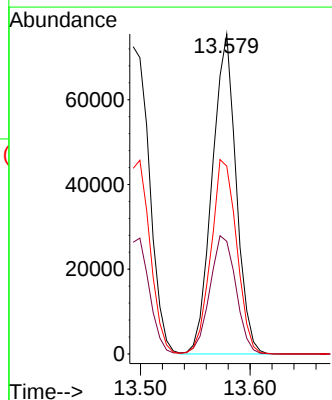
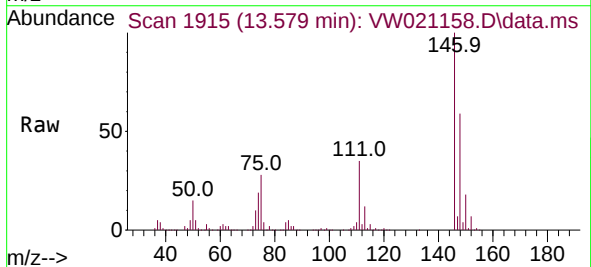
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

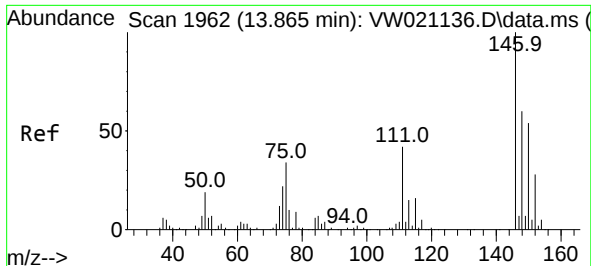
Tgt Ion:146 Resp: 116781
Ion Ratio Lower Upper
146 100
111 36.4 29.8 55.3
148 60.4 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.626 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion:146 Resp: 114984
Ion Ratio Lower Upper
146 100
111 35.2 29.0 53.9
148 58.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.385 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

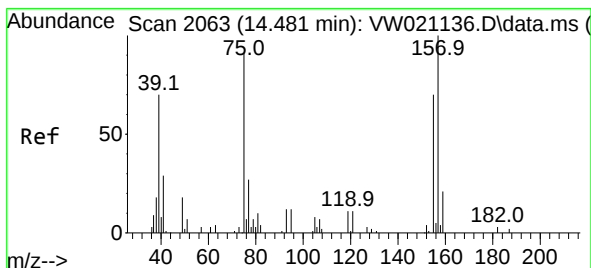
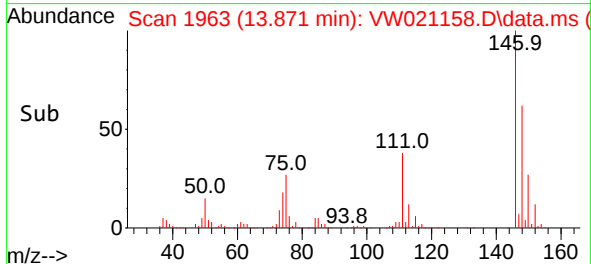
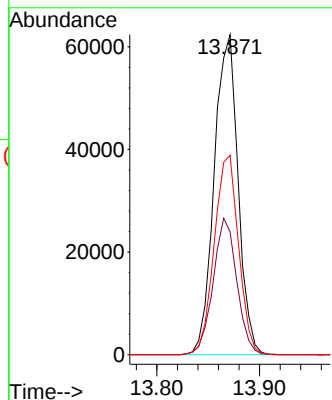
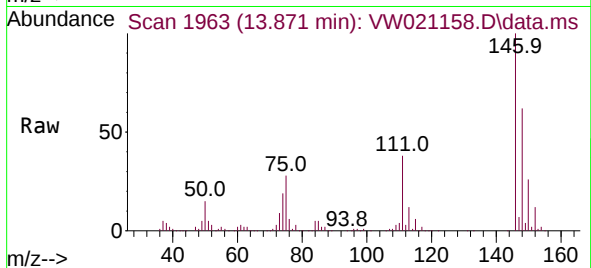
Tgt Ion:146 Resp: 100347

Ion Ratio Lower Upper

146 100

111 38.3 33.1 49.7

148 62.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 18.933 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

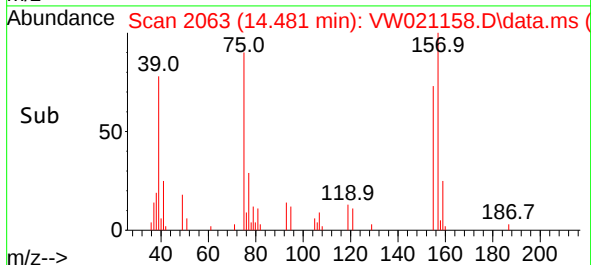
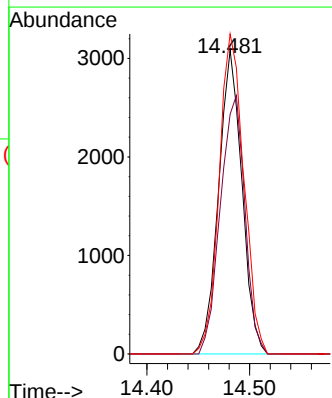
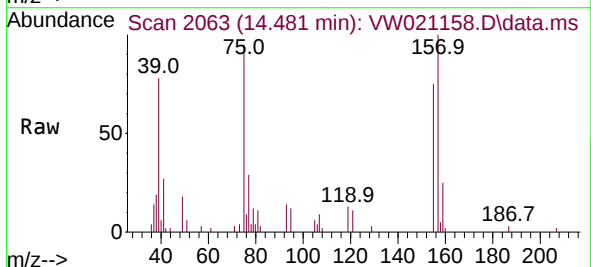
Tgt Ion: 75 Resp: 4859

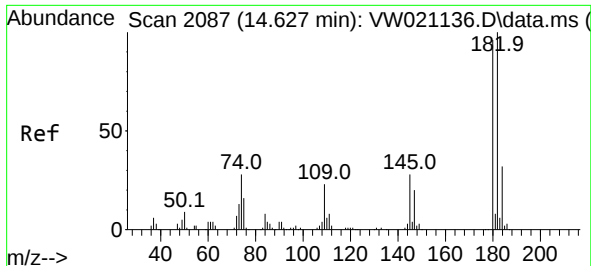
Ion Ratio Lower Upper

75 100

155 78.9 54.2 81.2

157 105.3 69.4 104.2#

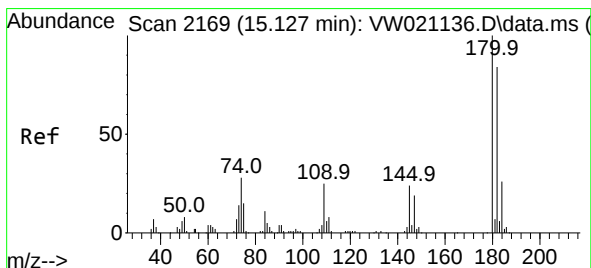
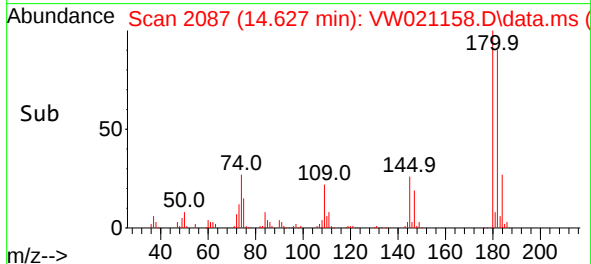
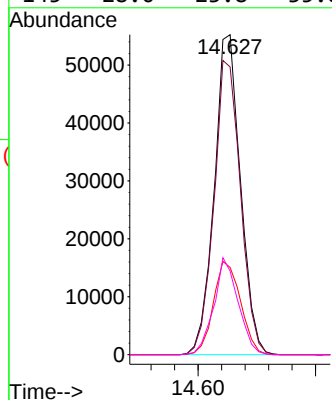
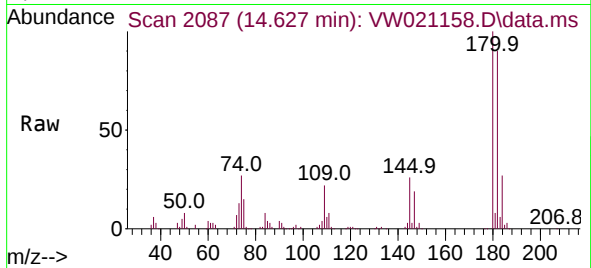




#69
1,3,5-Trichlorobenzene
Concen: 26.248 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

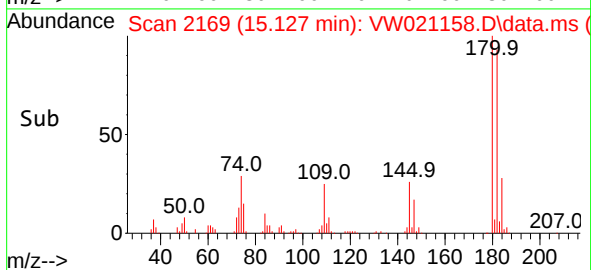
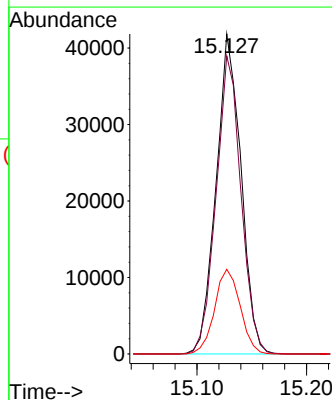
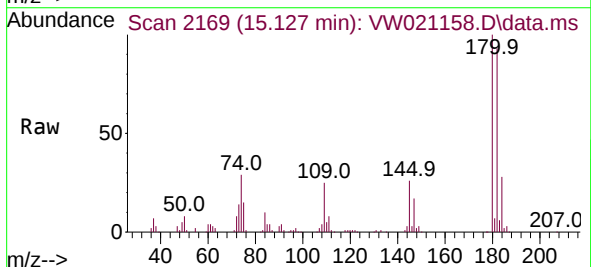
Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

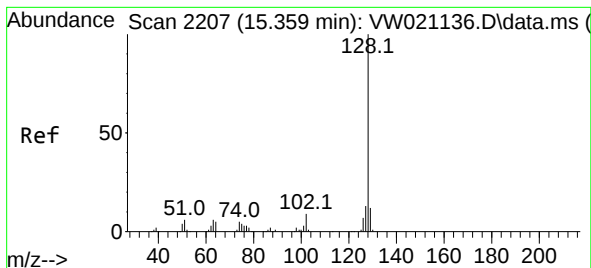
Tgt Ion:180 Resp: 85643
Ion Ratio Lower Upper
180 100
182 92.9 75.4 113.0
184 30.1 23.8 35.8
145 28.0 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 24.642 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021158.D
Acq: 06 Dec 2021 09:33

Tgt Ion:180 Resp: 66070
Ion Ratio Lower Upper
180 100
182 93.0 79.0 118.6
145 27.1 26.0 39.0





#71

Naphthalene

Concen: 20.361 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025512

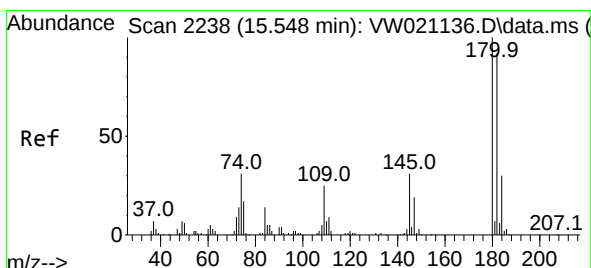
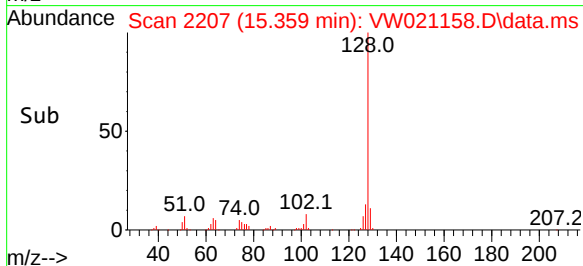
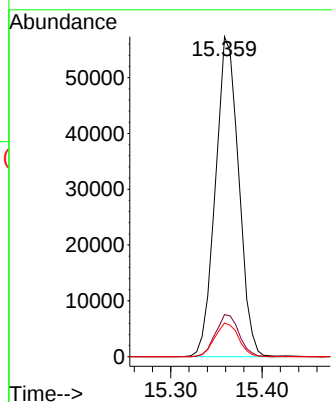
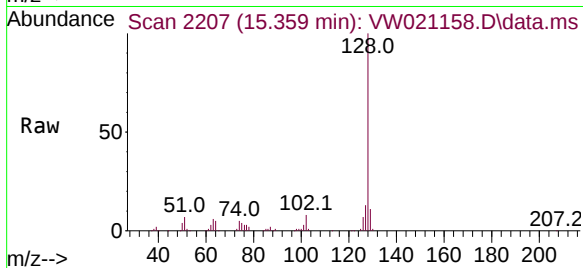
Tgt Ion:128 Resp: 101485

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.111 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW021158.D

Acq: 06 Dec 2021 09:33

Tgt Ion:180 Resp: 51738

Ion Ratio Lower Upper

180 100

182 98.6 76.6 114.8

145 33.7 27.4 41.0

