

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021667.D
 Acq On : 28 Dec 2021 10:38
 Operator : SY/VA
 Sample : VSTD00539
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 28 11:52:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 11:51:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105583	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100205	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58857	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10025	5.168	ug/L	0.00
7) Chloroethane-d5	2.885	69	6615	5.117	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	15216	5.739	ug/L	0.00
21) 2-Butanone-d5	7.086	46	2735	9.499	ug/L	0.00
24) Chloroform-d	7.647	84	16379	5.382	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	8536	5.263	ug/L	0.00
32) Benzene-d6	8.275	84	30650	5.499	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	8358	5.550	ug/L	0.00
41) Toluene-d8	10.323	98	30244	5.357	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	3748	5.290	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2258	9.841	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	6310	4.895	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	11203	4.891	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	2727	5.893	ug/L	99
3) Chloromethane	2.215	50	8277	5.778	ug/L	95
5) Vinyl chloride	2.355	62	12519	5.710	ug/L	96
6) Bromomethane	2.776	94	8144	5.721	ug/L	96
8) Chloroethane	2.916	64	5533	5.425	ug/L	97
9) Trichlorofluoromethane	3.257	101	7395	6.231	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	8986	5.947	ug/L	# 88
12) 1,1-Dichloroethene	4.038	96	8017	5.901	ug/L	89
13) Acetone	4.135	43	2706	10.598	ug/L	95
14) Carbon disulfide	4.385	76	22620	6.237	ug/L	98
15) Methyl Acetate	4.678	43	2454	5.514	ug/L	95
16) Methylene chloride	4.916	84	10941	6.113	ug/L	82
17) trans-1,2-Dichloroethene	5.422	96	8488	5.781	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	11533	5.549	ug/L	95
19) 1,1-Dichloroethane	6.220	63	13495	5.833	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	8614	5.563	ug/L	89
22) 2-Butanone	7.177	43	3340	9.906	ug/L	87
23) Bromochloromethane	7.525	128	4255	5.809	ug/L	# 60
25) Chloroform	7.677	83	15621	5.811	ug/L	97
27) 1,2-Dichloroethane	8.403	62	9697	5.619	ug/L	99
29) Cyclohexane	7.958	56	12018	5.834	ug/L	# 81
30) 1,1,1-Trichloroethane	7.872	97	14412	6.183	ug/L	95
31) Carbon tetrachloride	8.067	117	13969	6.429	ug/L	99
33) Benzene	8.330	78	32220	5.721	ug/L	100
34) Trichloroethene	9.098	95	9406	5.933	ug/L	90
35) Methylcyclohexane	9.335	83	15334	5.868	ug/L	# 85
37) 1,2-Dichloropropane	9.372	63	7374	5.870	ug/L	# 96
38) Bromodichloromethane	9.646	83	11031	6.257	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	11106	5.538	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	7594	10.833	ug/L	# 94
42) Toluene	10.390	91	36941	5.663	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	9767	5.492	ug/L	95

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

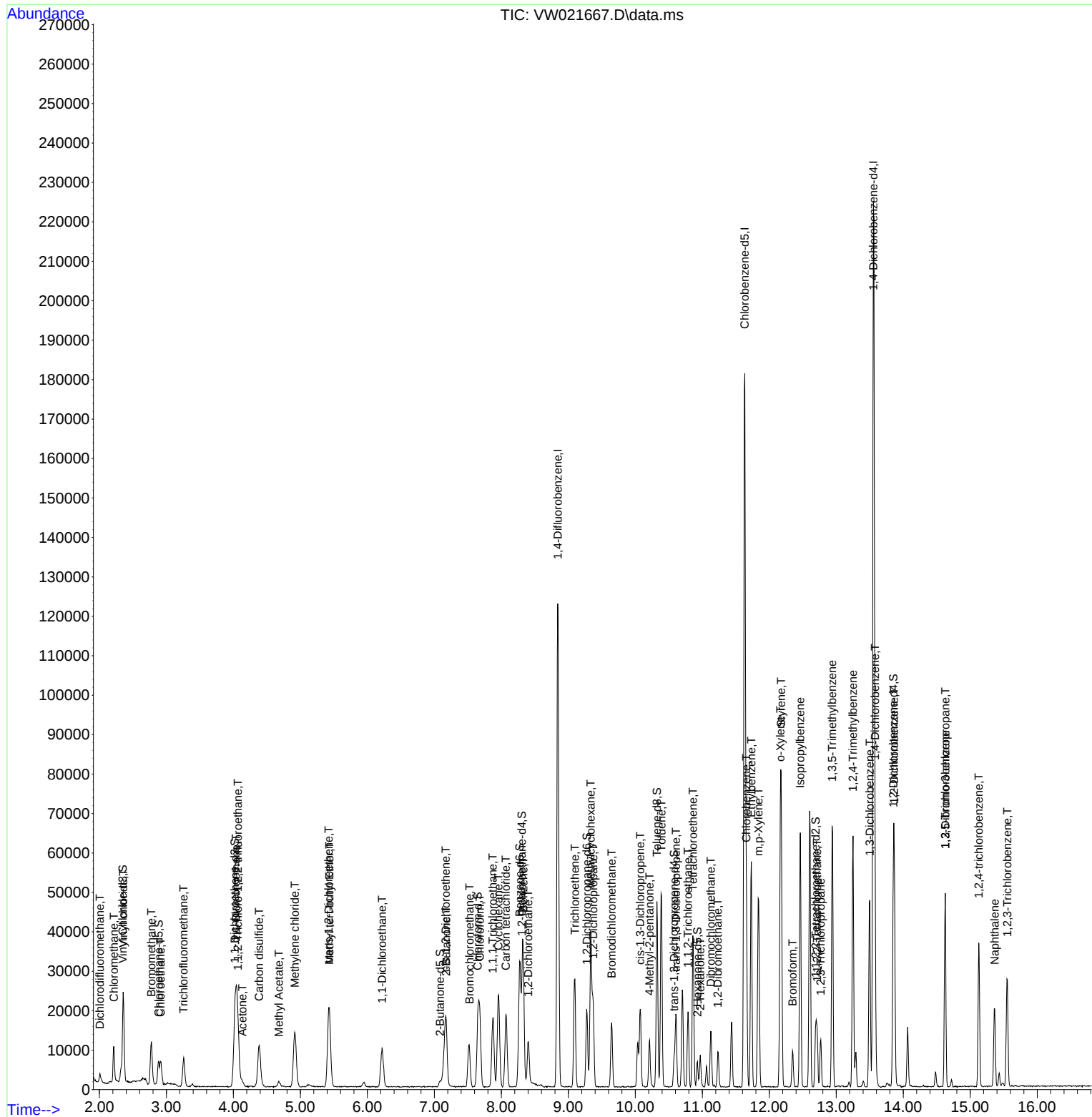
45) 1,1,2-Trichloroethane	10.786	97	5598	5.367	ug/L	93
46) Tetrachloroethene	10.860	164	8589	5.738	ug/L	95
48) 2-Hexanone	10.969	43	4717	9.371	ug/L #	92
49) Dibromochloromethane	11.128	129	7540	5.756	ug/L	87
50) 1,2-Dibromoethane	11.231	107	5745	5.468	ug/L #	99
51) Chlorobenzene	11.658	112	23473	5.384	ug/L	94
52) Ethylbenzene	11.731	91	40442	5.459	ug/L	97
53) m,p-Xylene	11.841	106	15989	5.367	ug/L	86
54) o-Xylene	12.164	106	15071	5.349	ug/L	89
55) Styrene	12.176	104	25620	5.296	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	5967	5.032	ug/L	89
59) Bromoform	12.347	173	3883	5.093	ug/L	95
60) Isopropylbenzene	12.463	105	40432	5.019	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	4457	5.045	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	34919	5.078	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	33782	4.951	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	19248	5.006	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	20351	5.360	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	17755	5.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.627	75	2386	12.629	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.627	180	14969	5.246	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	11732	5.032	ug/L	95
71) Naphthalene	15.365	128	17816	4.692	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	10079	5.288	ug/L	95

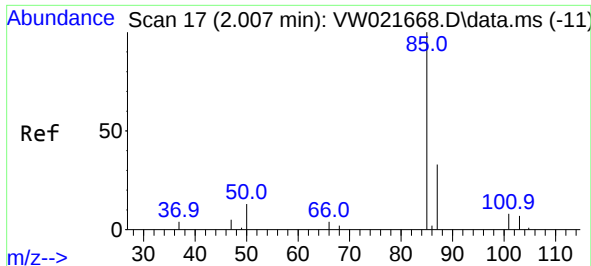
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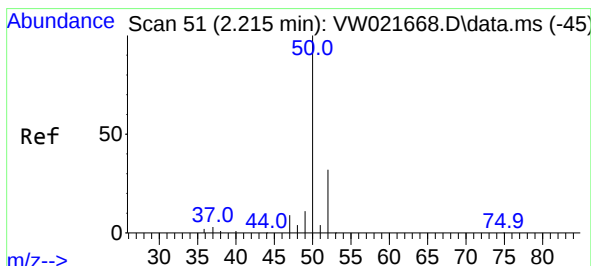
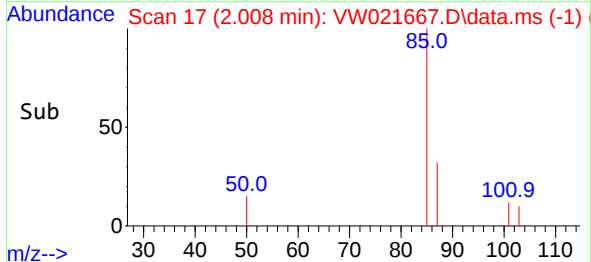
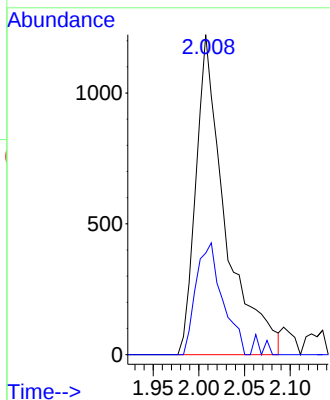
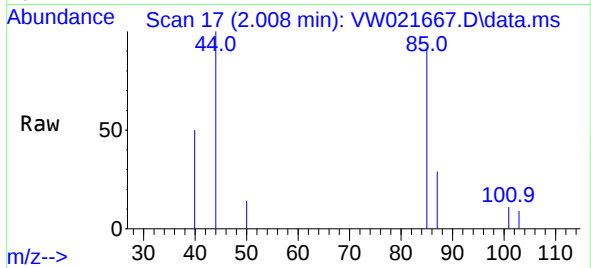




#2
Dichlorodifluoromethane
Concen: 5.893 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

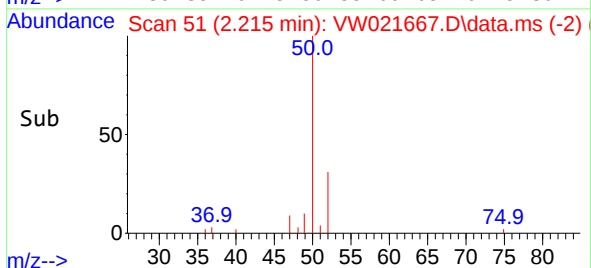
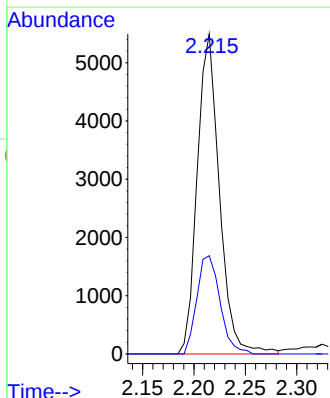
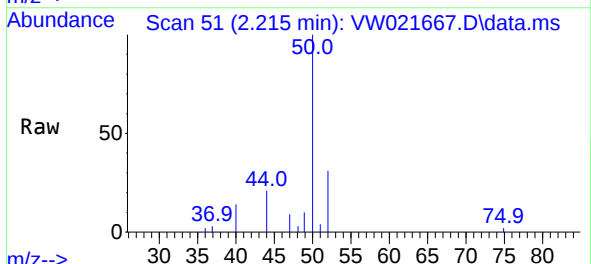
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MSVOA_W
ClientSampleId :

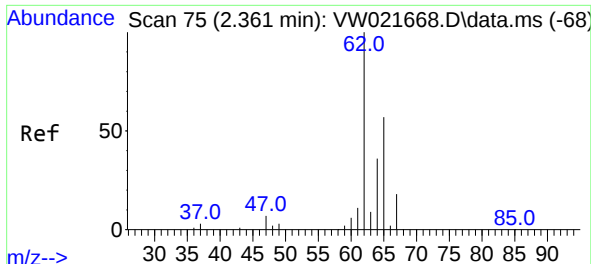
Tgt Ion: 85 Resp: 2727
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.6



#3
Chloromethane
Concen: 5.778 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion: 50 Resp: 8277
Ion Ratio Lower Upper
50 100
52 30.7 23.4 43.6

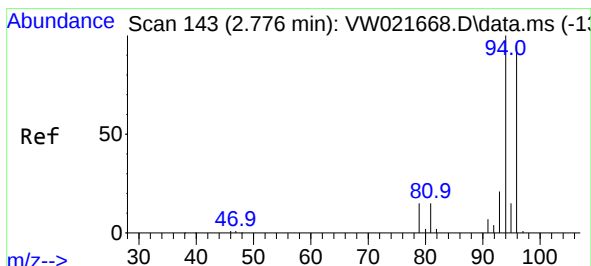
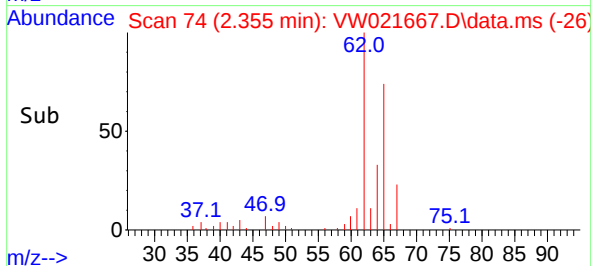
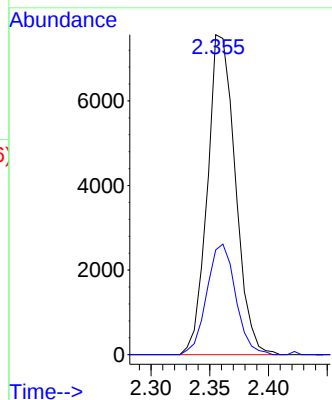
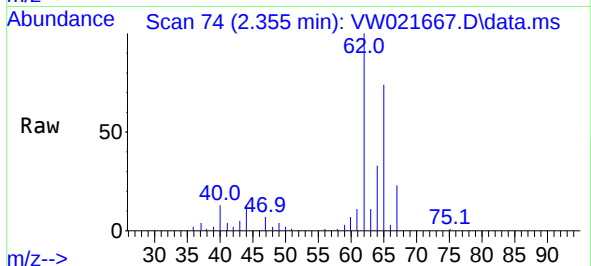




#5
 Vinyl chloride
 Concen: 5.710 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021667.D
 Acq: 28 Dec 2021 10:38

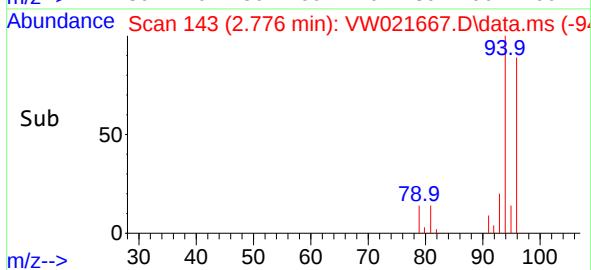
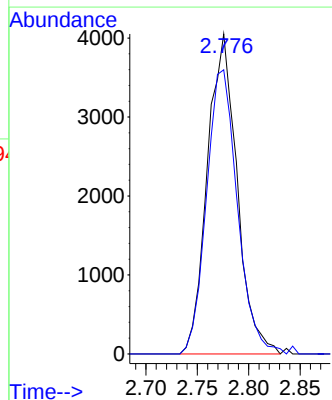
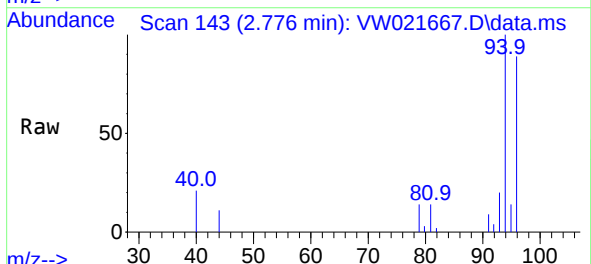
Instrument :
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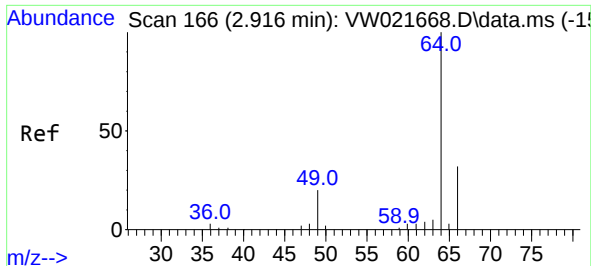
Tgt Ion: 62 Resp: 12519
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.4 45.2



#6
 Bromomethane
 Concen: 5.721 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021667.D
 Acq: 28 Dec 2021 10:38

Tgt Ion: 94 Resp: 8144
 Ion Ratio Lower Upper
 94 100
 96 88.8 64.8 120.4

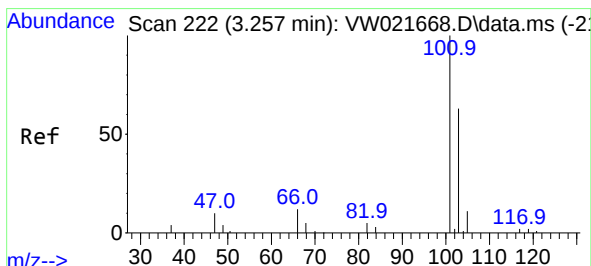
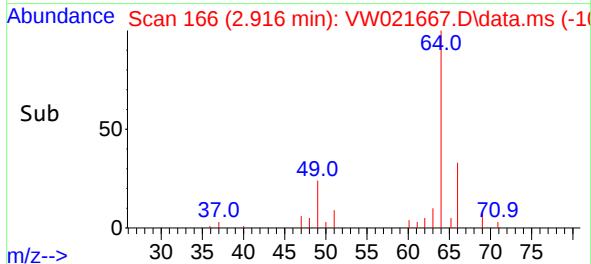
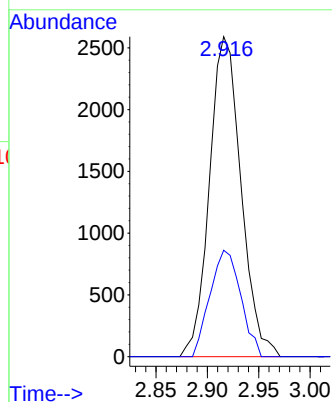
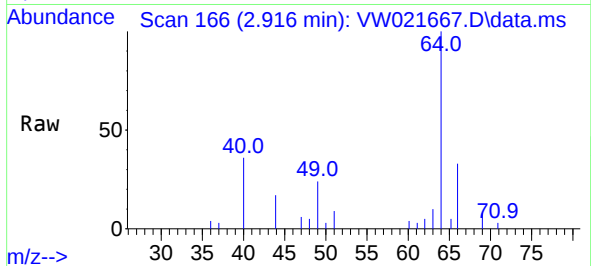




#8
Chloroethane
Concen: 5.425 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

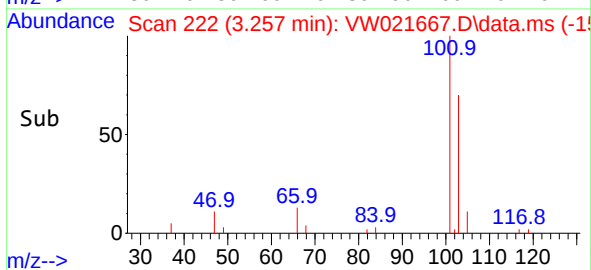
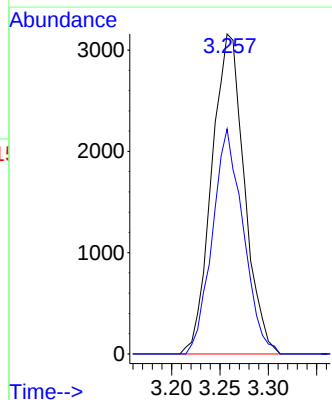
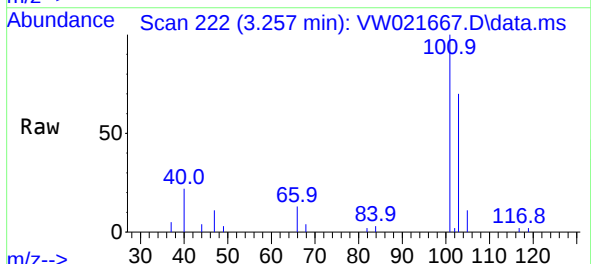
Instrument :
MSVOA_W
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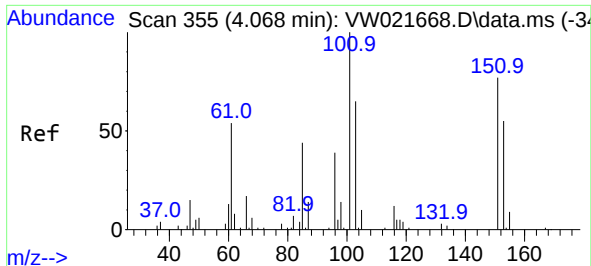
Tgt Ion: 64 Resp: 5533
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 6.231 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion: 101 Resp: 7395
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.2

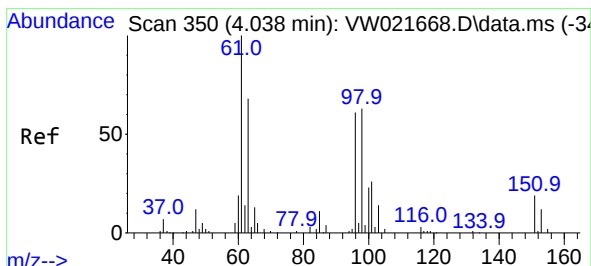
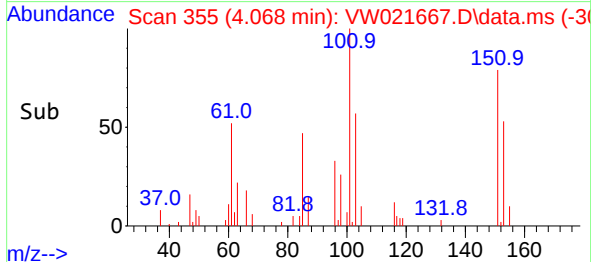
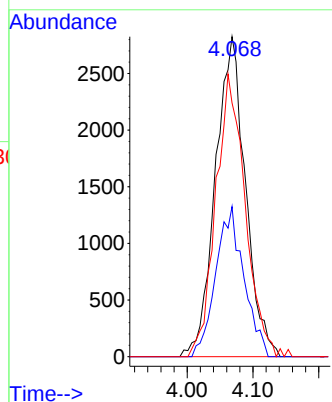
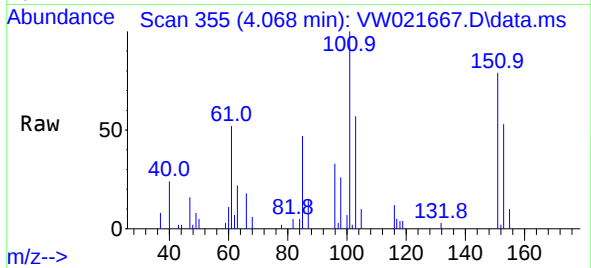




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.947 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW021667.D
 Acq: 28 Dec 2021 10:38

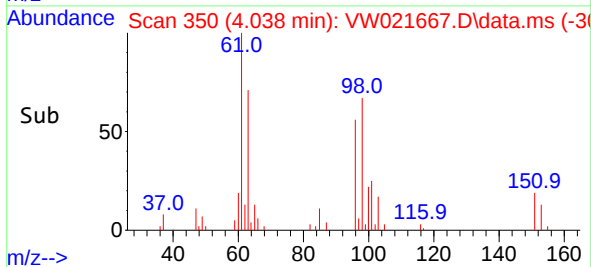
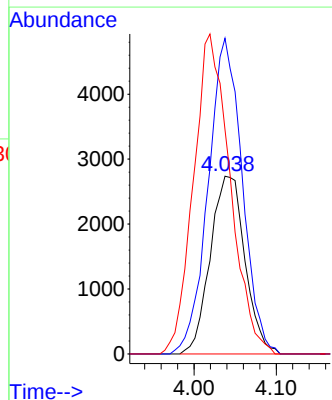
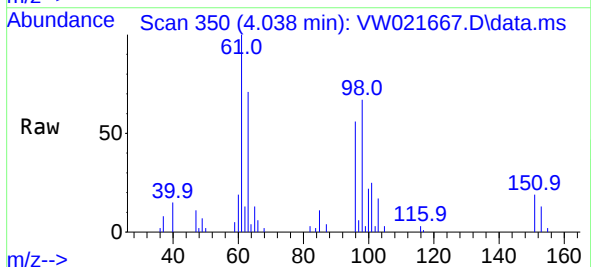
Instrument :
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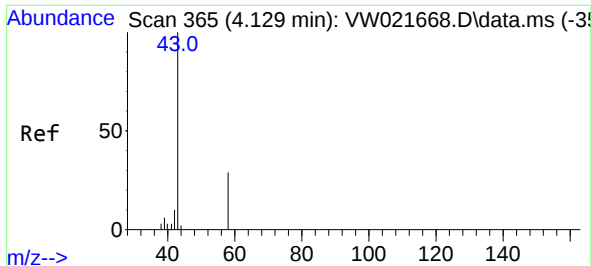
Tgt Ion:101 Resp: 8986
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.6 54.8
 151 86.2 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 5.901 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021667.D
 Acq: 28 Dec 2021 10:38

Tgt Ion: 96 Resp: 8017
 Ion Ratio Lower Upper
 96 100
 61 177.6 138.3 256.9
 63 126.2 82.6 153.4





#13

Acetone

Concen: 10.598 ug/L

RT: 4.135 min Scan# 366

Delta R.T. 0.006 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

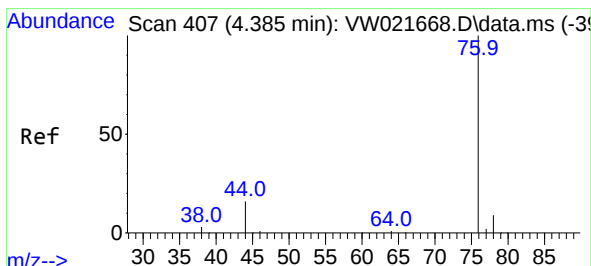
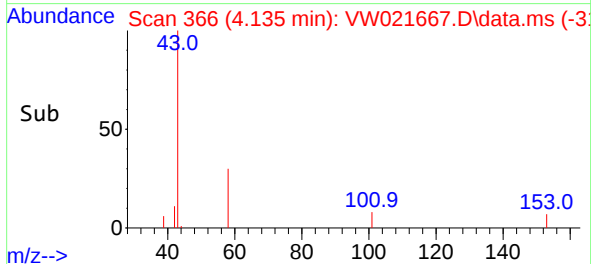
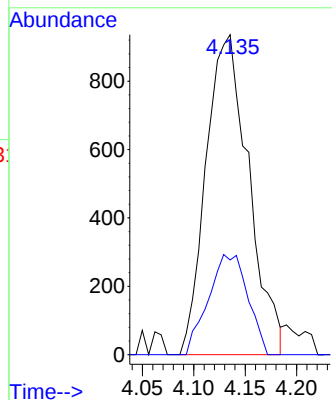
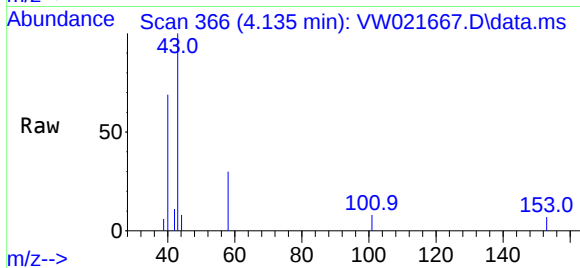
ClientSampleId :

Tgt Ion: 43 Resp: 2706

Ion Ratio Lower Upper

43 100

58 28.9 0.0 52.8



#14

Carbon disulfide

Concen: 6.237 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021667.D

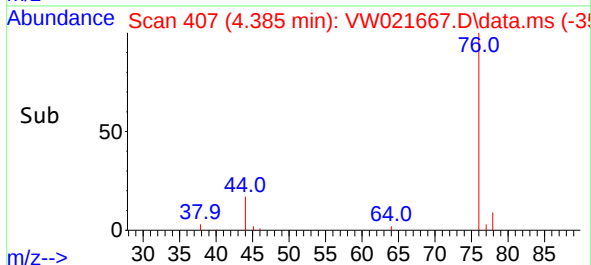
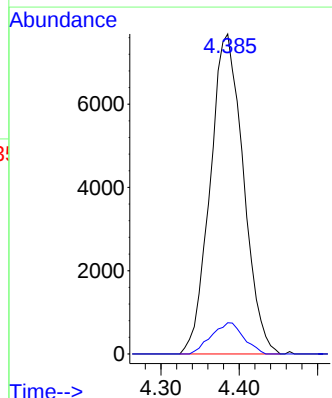
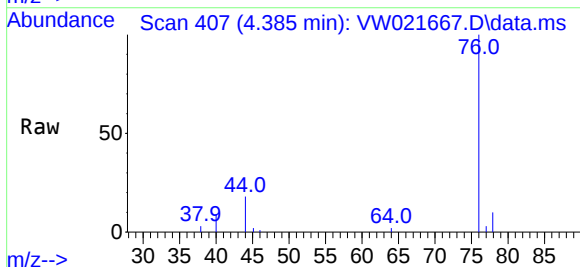
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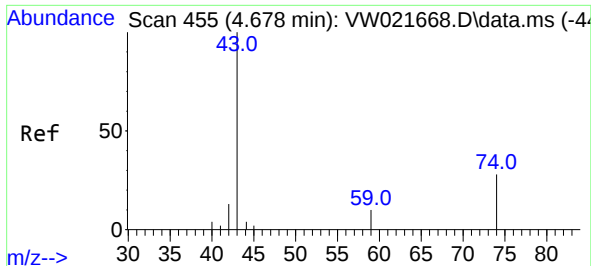
Tgt Ion: 76 Resp: 22620

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

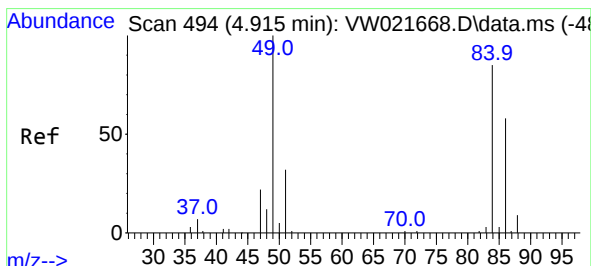
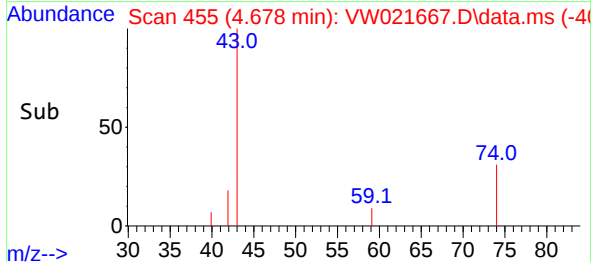
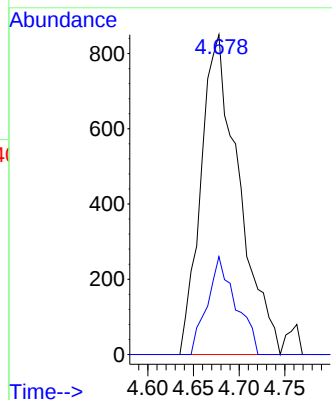
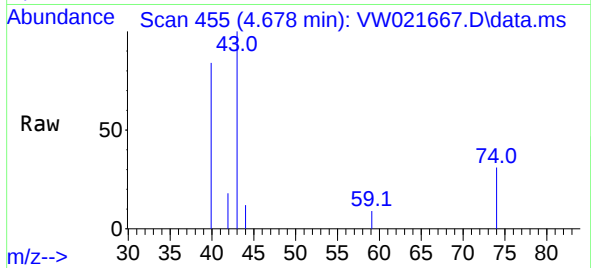




#15
Methyl Acetate
Concen: 5.514 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

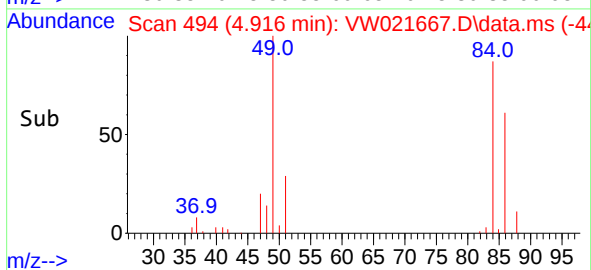
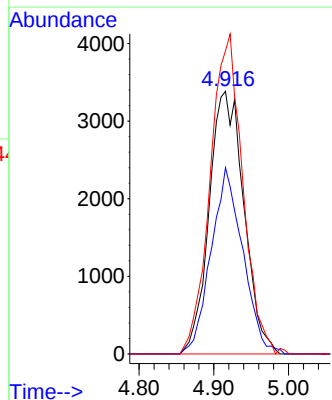
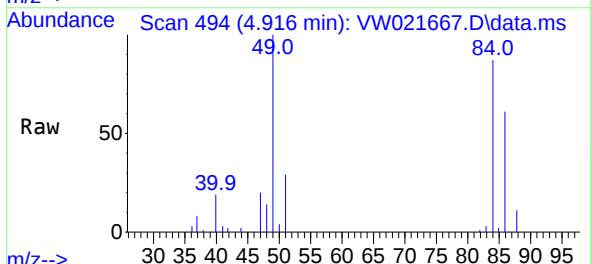
Instrument :
MSVOA_W
ClientSampleId :

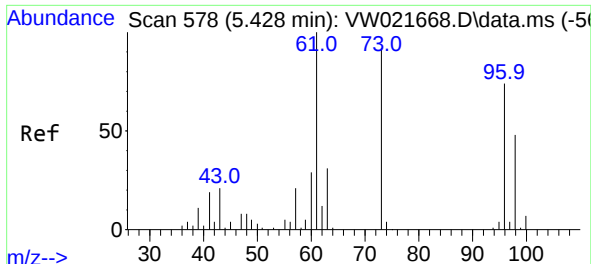
Tgt Ion: 43 Resp: 2454
Ion Ratio Lower Upper
43 100
74 23.0 16.4 24.6



#16
Methylene chloride
Concen: 6.113 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion: 84 Resp: 10941
Ion Ratio Lower Upper
84 100
86 70.9 45.5 84.5
49 115.3 100.5 186.7

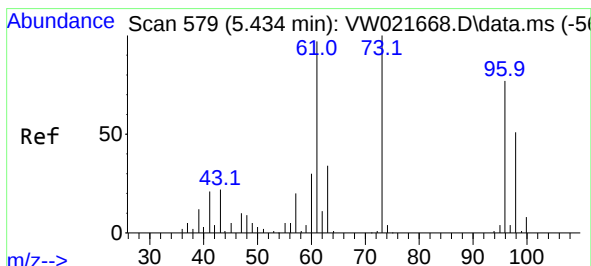
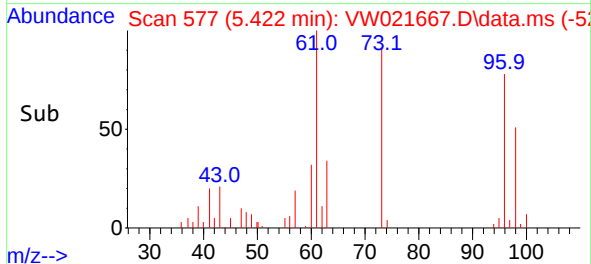
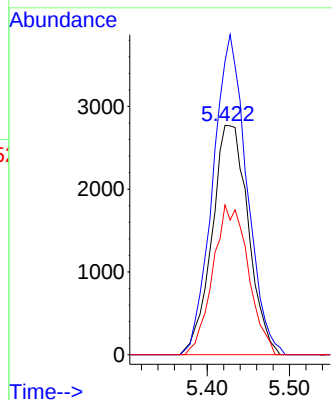
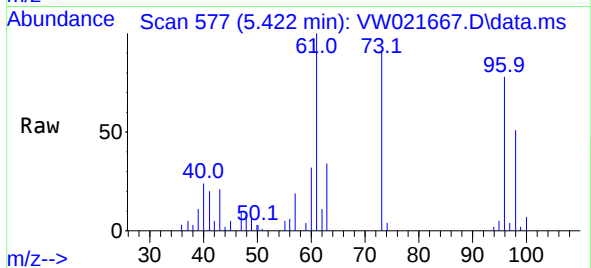




#17
trans-1,2-Dichloroethene
Concen: 5.781 ug/L
RT: 5.422 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

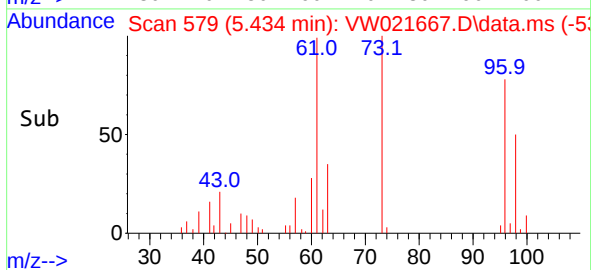
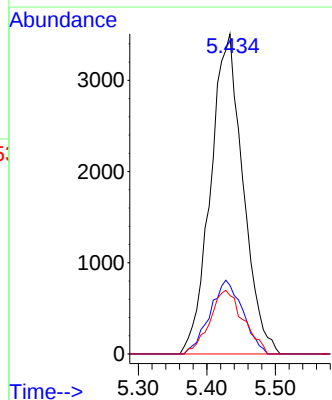
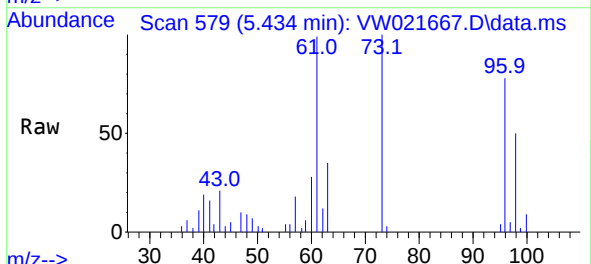
Instrument :
MSVOA_W
ClientSampleId :

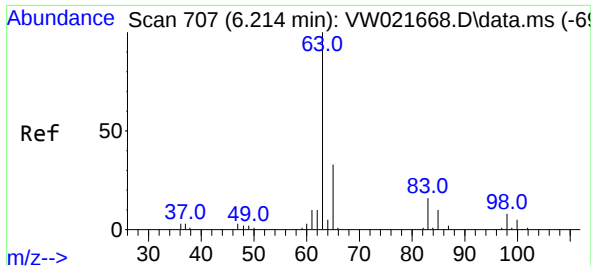
Tgt Ion: 96 Resp: 8488
Ion Ratio Lower Upper
96 100
61 127.9 107.4 199.4
98 65.2 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 5.549 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion: 73 Resp: 11533
Ion Ratio Lower Upper
73 100
43 23.4 19.5 29.3
57 20.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 5.833 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

ClientSampleId :

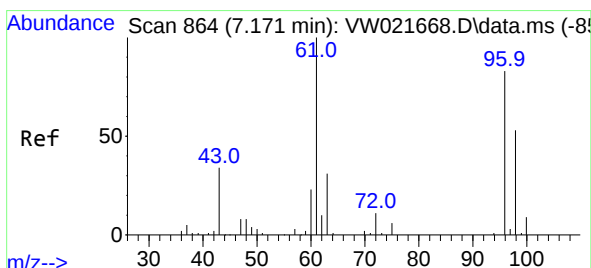
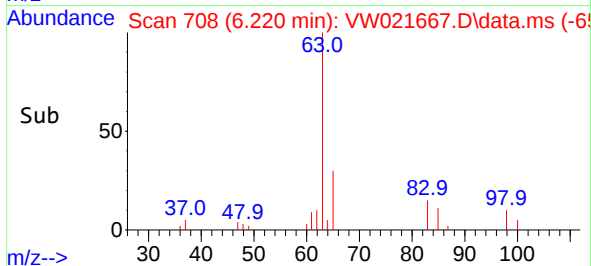
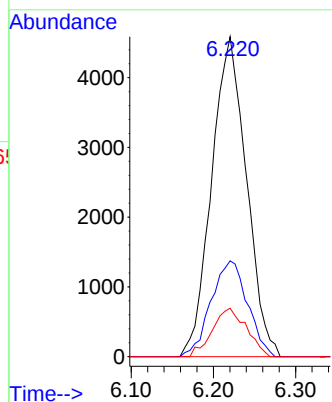
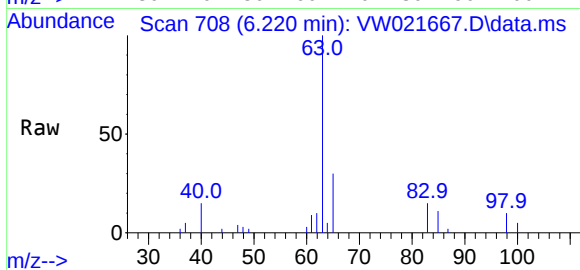
Tgt Ion: 63 Resp: 13495

Ion Ratio Lower Upper

63 100

65 30.0 22.1 41.1

83 15.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 5.563 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

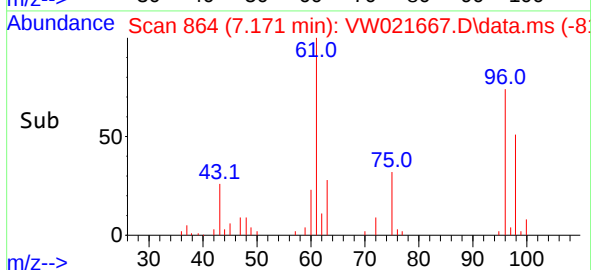
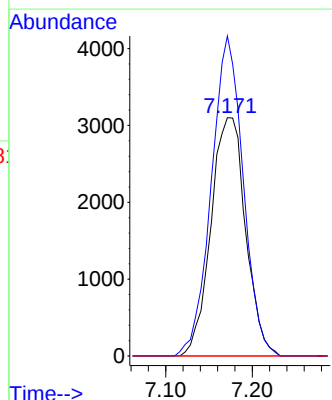
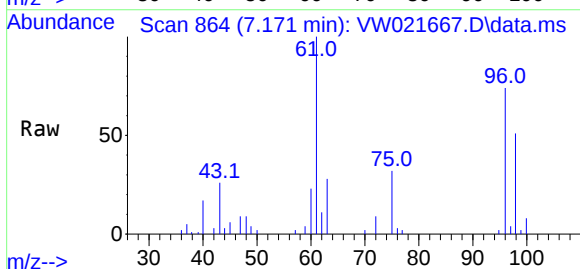
Tgt Ion: 96 Resp: 8614

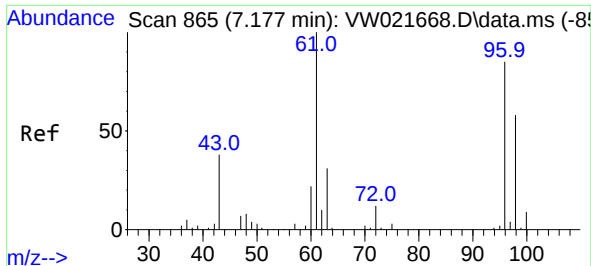
Ion Ratio Lower Upper

96 100

61 134.3 103.7 192.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 9.906 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

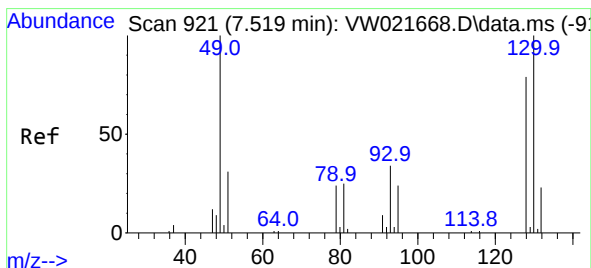
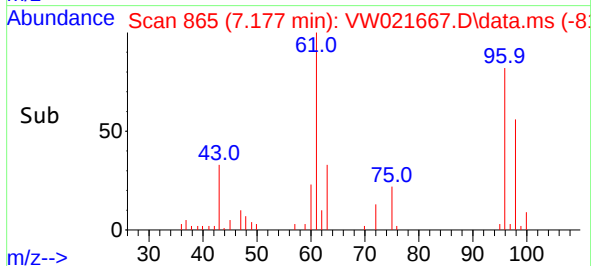
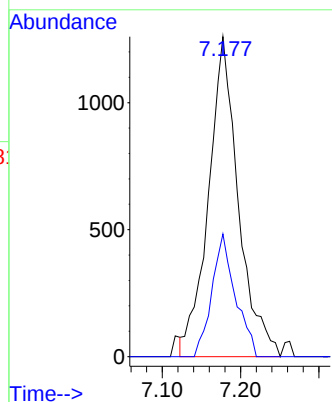
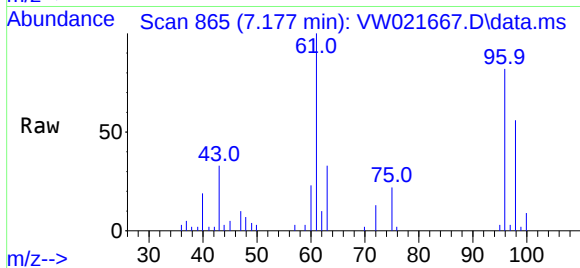
ClientSampleId :

Tgt Ion: 43 Resp: 3340

Ion Ratio Lower Upper

43 100

72 30.0 11.8 35.4



#23

Bromochloromethane

Concen: 5.809 ug/L

RT: 7.525 min Scan# 922

Delta R.T. 0.006 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Tgt Ion: 128 Resp: 4255

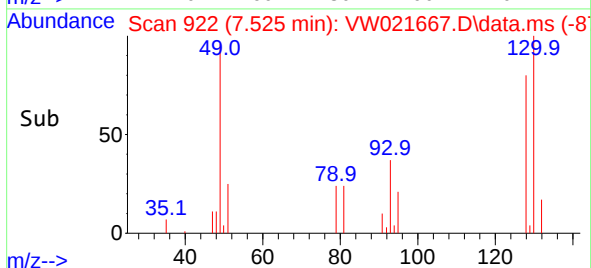
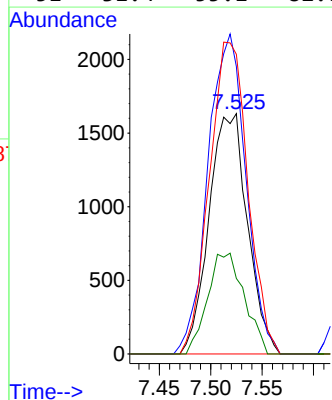
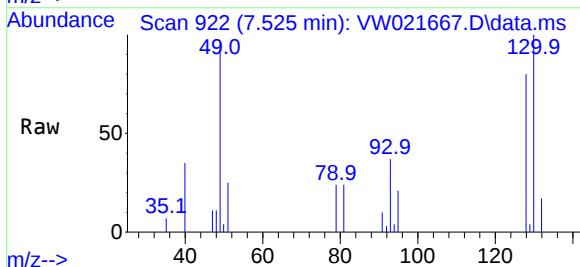
Ion Ratio Lower Upper

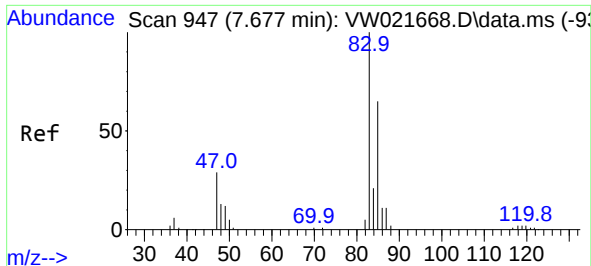
128 100

49 119.7 150.3 279.1#

130 124.7 88.3 163.9

51 31.4 55.1 82.7#

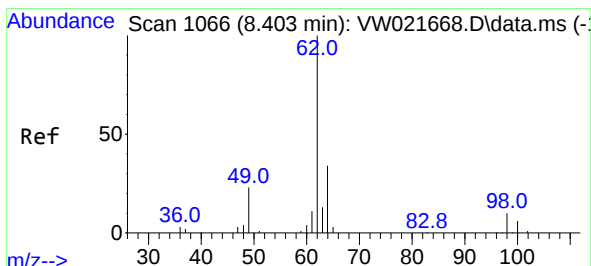
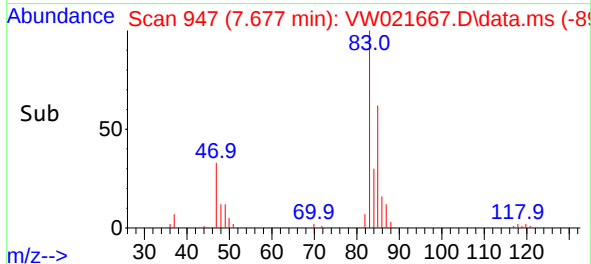
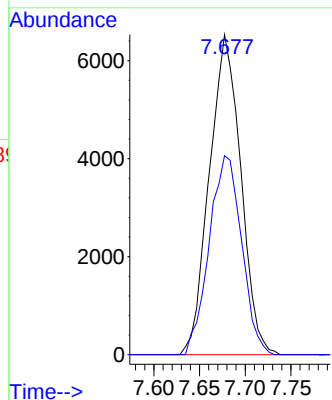
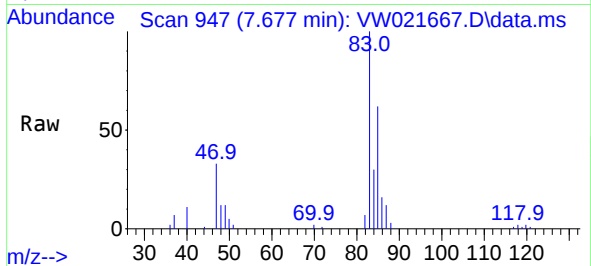




#25
Chloroform
Concen: 5.811 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

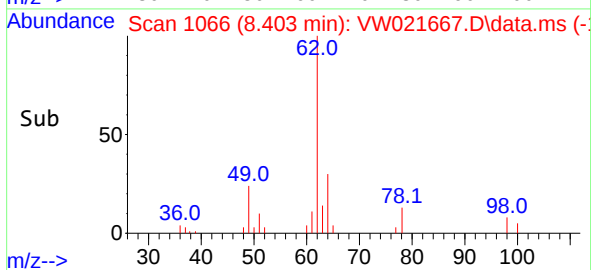
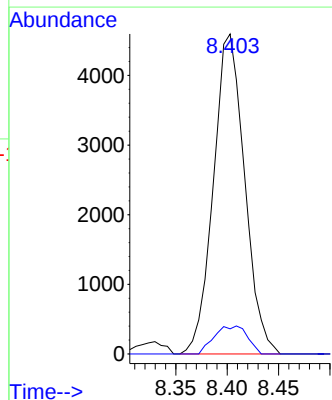
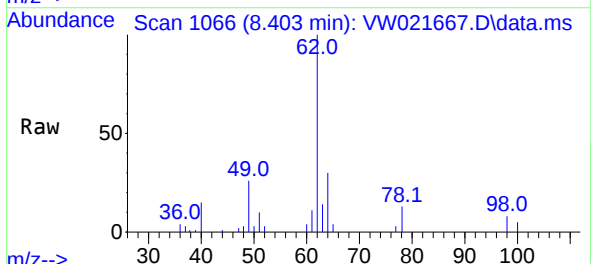
Instrument :
MSVOA_W
ClientSampleId :

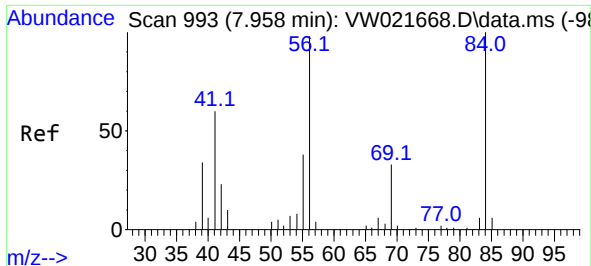
Tgt Ion: 83 Resp: 15621
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 5.619 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

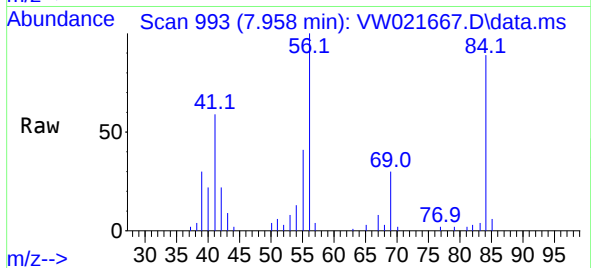
Tgt Ion: 62 Resp: 9697
Ion Ratio Lower Upper
62 100
98 7.8 6.5 9.7



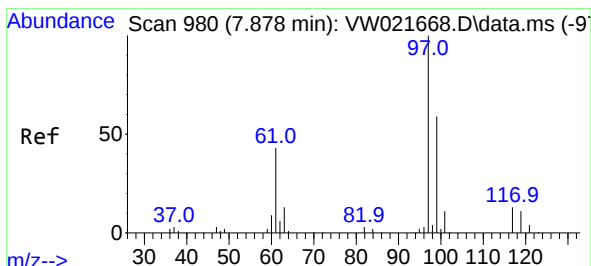
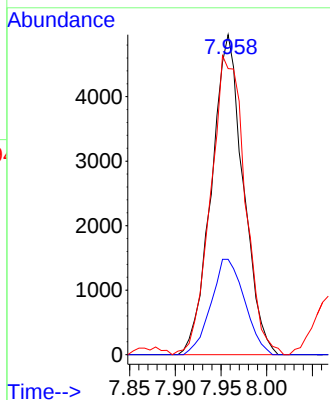
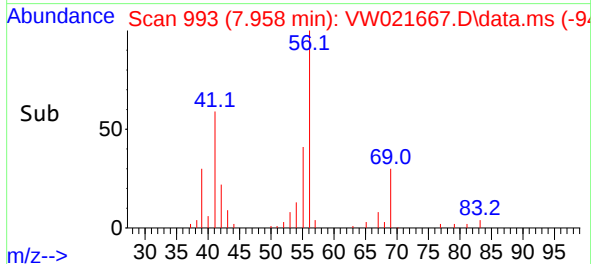


#29
Cyclohexane
Concen: 5.834 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

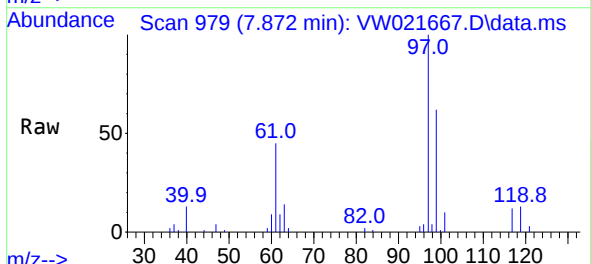
Instrument :
MSVOA_W
ClientSampleId :



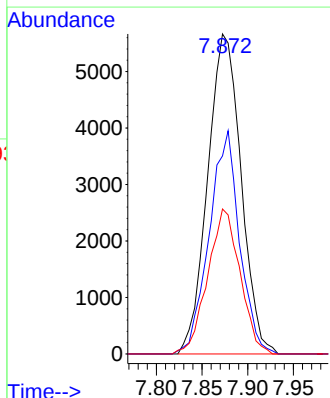
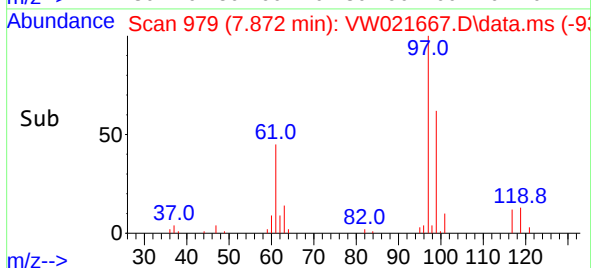
Tgt Ion: 56 Resp: 12018
Ion Ratio Lower Upper
56 100
69 31.4 23.5 35.3
84 100.5 63.4 95.2#

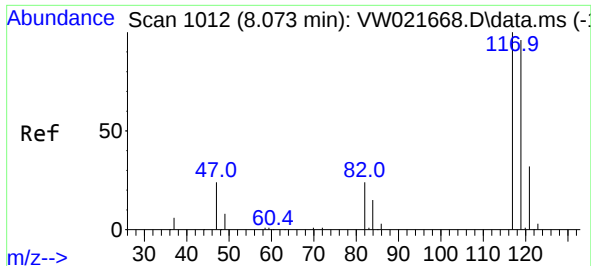


#30
1,1,1-Trichloroethane
Concen: 6.183 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38



Tgt Ion: 97 Resp: 14412
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 43.8 40.9 61.3

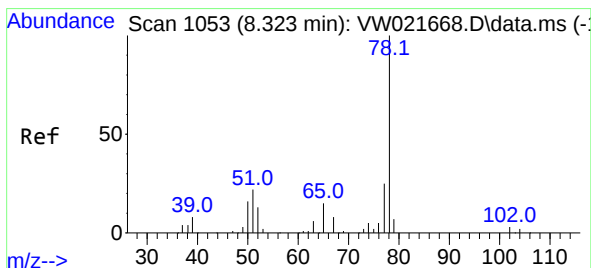
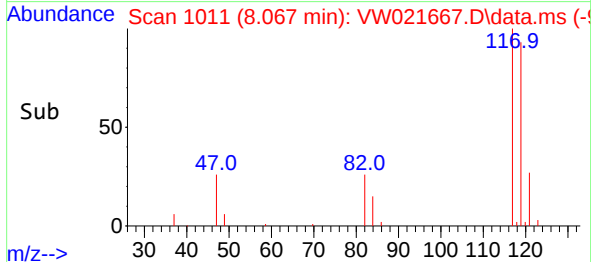
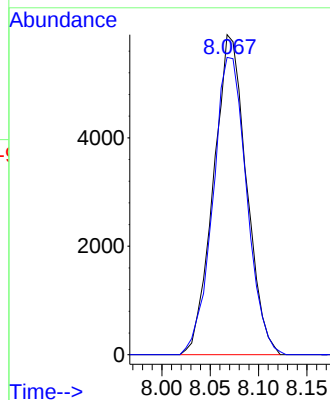
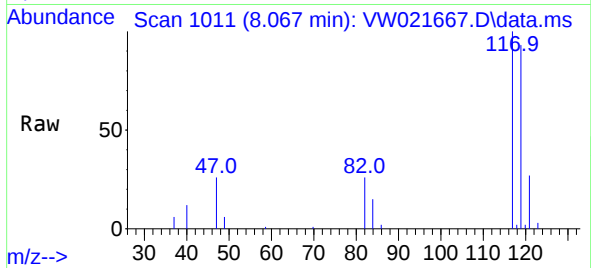




#31
Carbon tetrachloride
Concen: 6.429 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

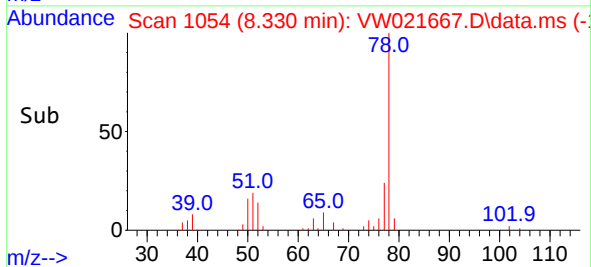
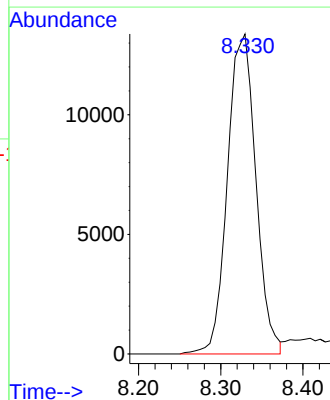
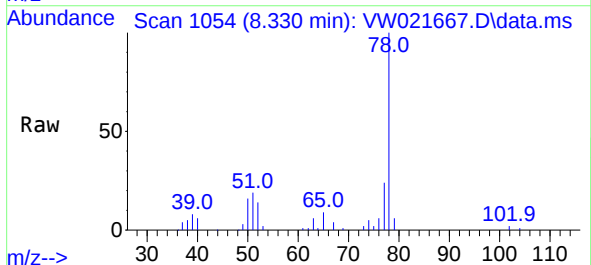
Instrument :
MSVOA_W
ClientSampleId :

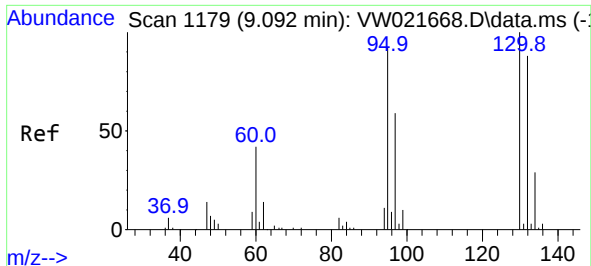
Tgt Ion:117 Resp: 13969
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 5.721 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

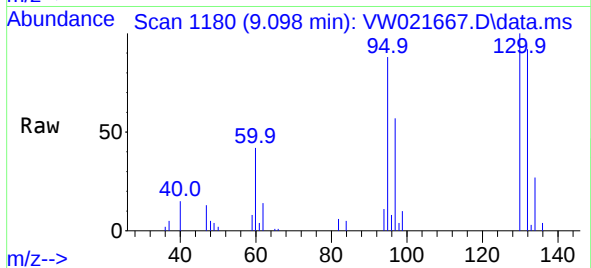
Tgt Ion: 78 Resp: 32220



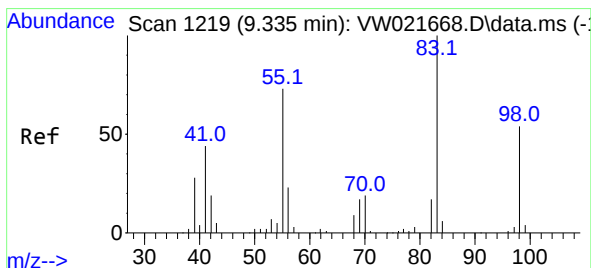
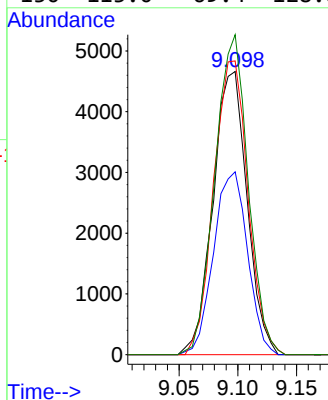
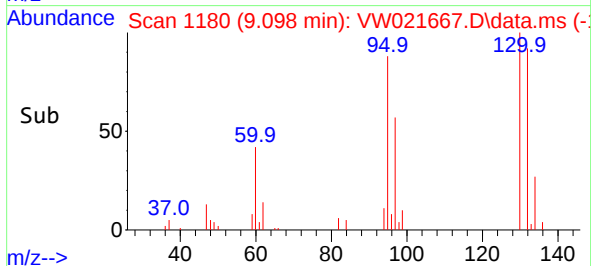


#34
Trichloroethene
Concen: 5.933 ug/L
RT: 9.098 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

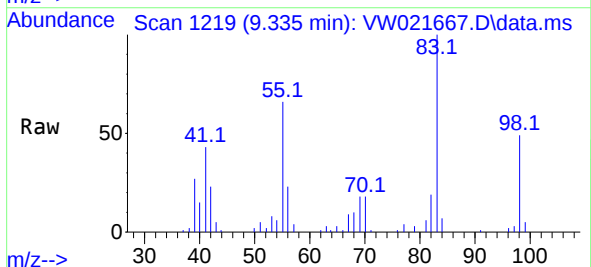
Instrument :
MSVOA_W
ClientSampleId :



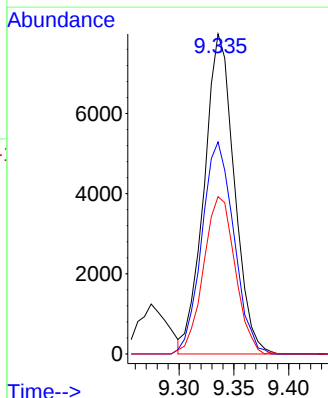
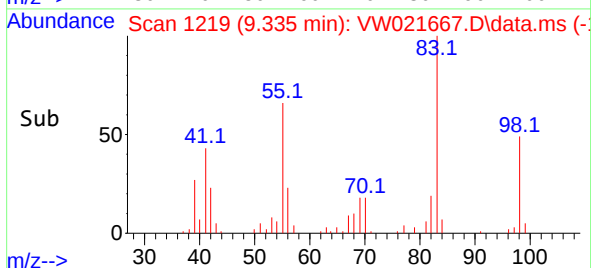
Tgt Ion: 95 Resp: 9406
Ion Ratio Lower Upper
95 100
97 64.6 47.0 87.2
132 103.8 65.5 121.6
130 113.0 69.4 128.8

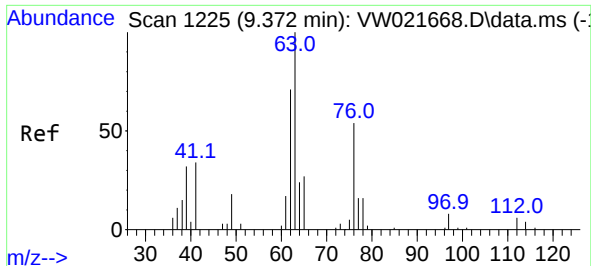


#35
Methylcyclohexane
Concen: 5.868 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38



Tgt Ion: 83 Resp: 15334
Ion Ratio Lower Upper
83 100
55 70.2 70.8 106.2
98 51.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 5.870 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

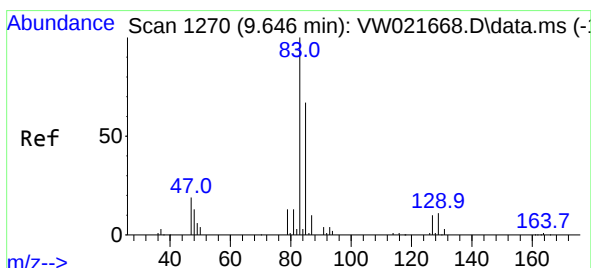
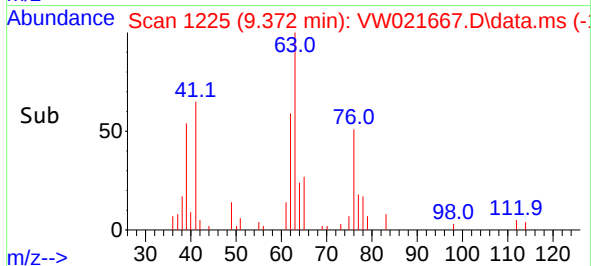
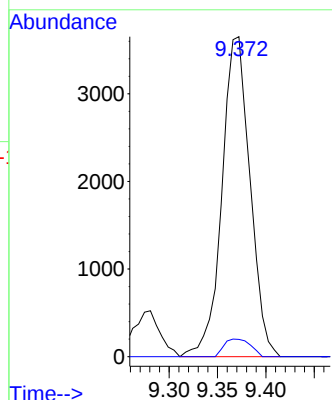
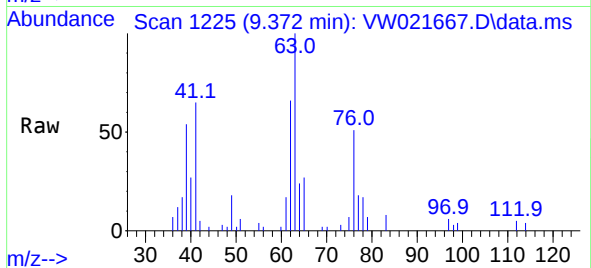
ClientSampleId :

Tgt Ion: 63 Resp: 7374

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 6.257 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

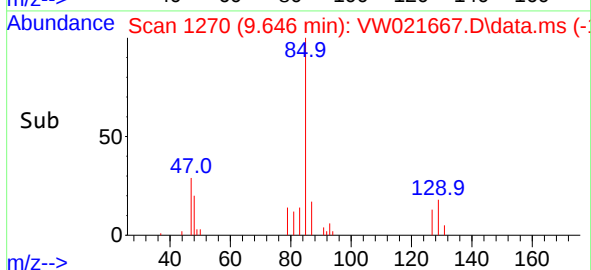
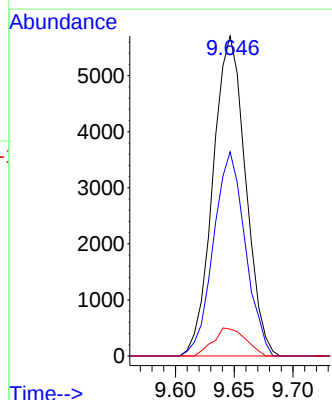
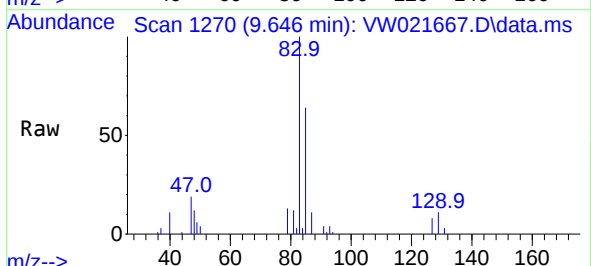
Tgt Ion: 83 Resp: 11031

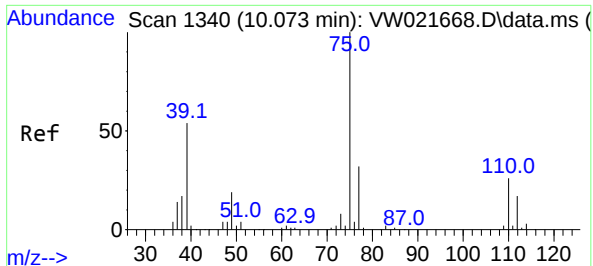
Ion Ratio Lower Upper

83 100

85 63.8 44.1 81.9

127 8.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.538 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

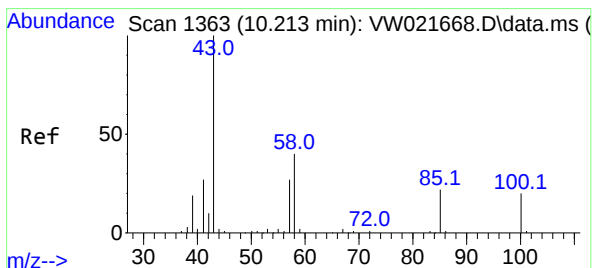
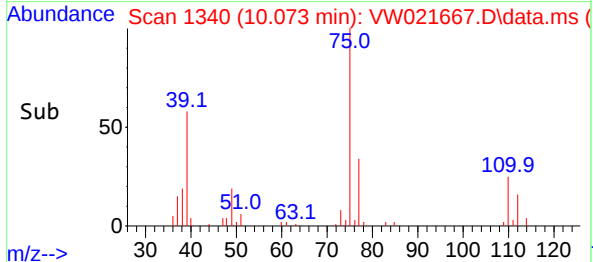
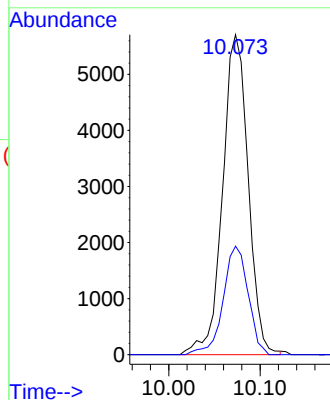
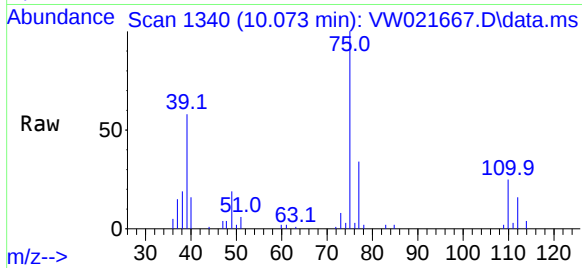
ClientSampleId :

Tgt Ion: 75 Resp: 11106

Ion Ratio Lower Upper

75 100

77 33.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 10.833 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

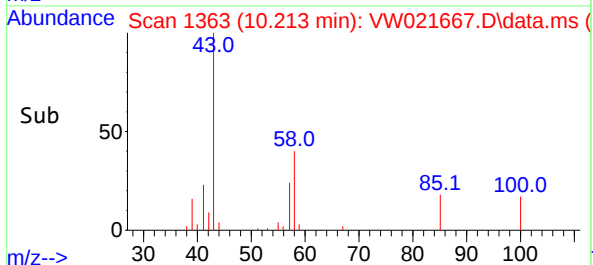
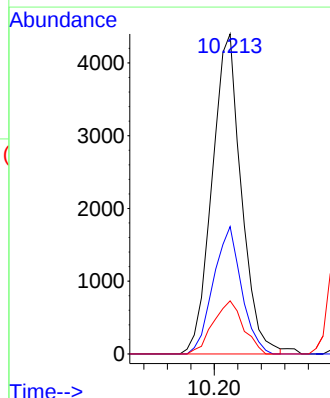
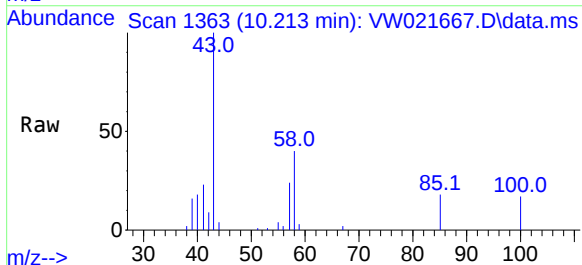
Tgt Ion: 43 Resp: 7594

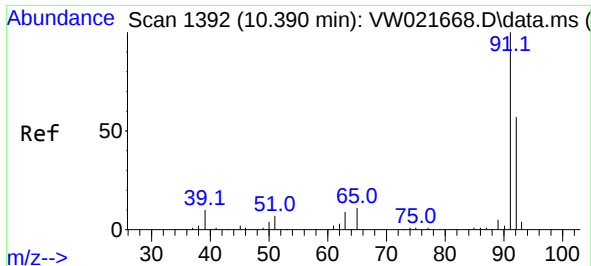
Ion Ratio Lower Upper

43 100

58 38.4 28.8 43.2

100 17.2 10.0 15.0#





#42

Toluene

Concen: 5.663 ug/L

RT: 10.390 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

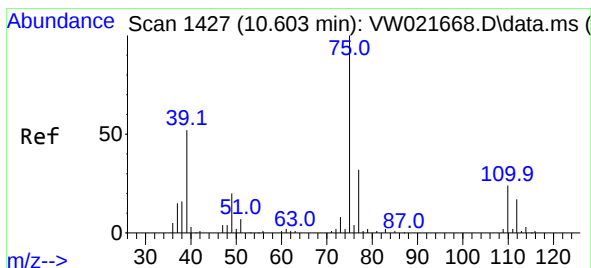
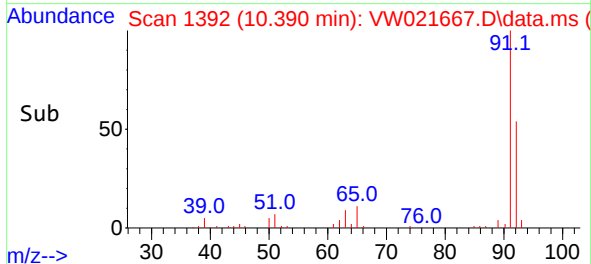
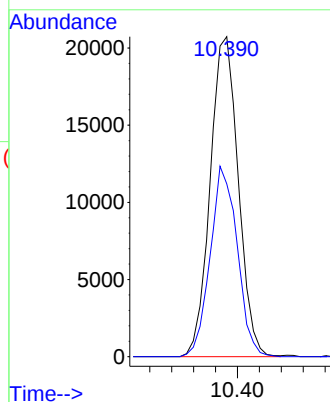
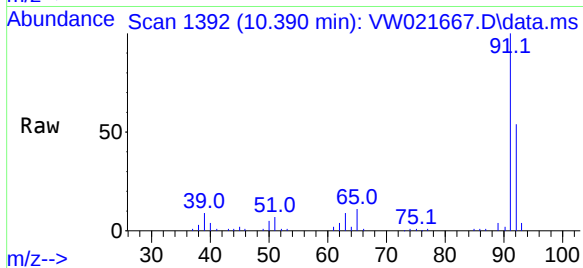
ClientSampleId :

Tgt Ion: 91 Resp: 36941

Ion Ratio Lower Upper

91 100

92 54.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 5.492 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW021667.D

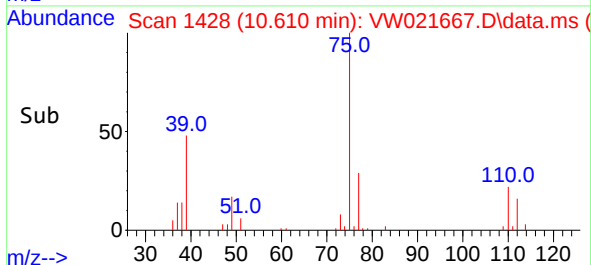
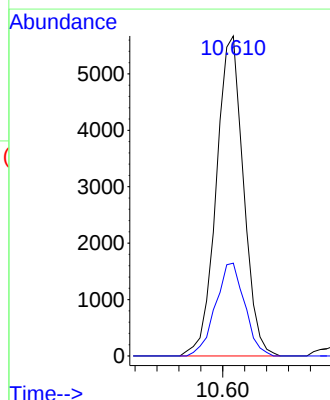
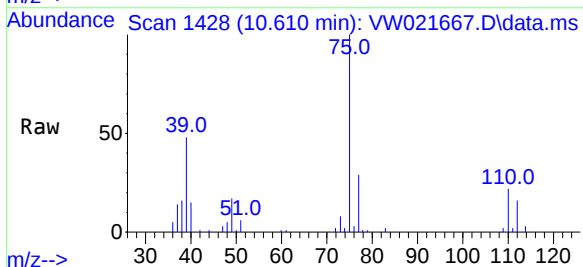
Acq: 28 Dec 2021 10:38

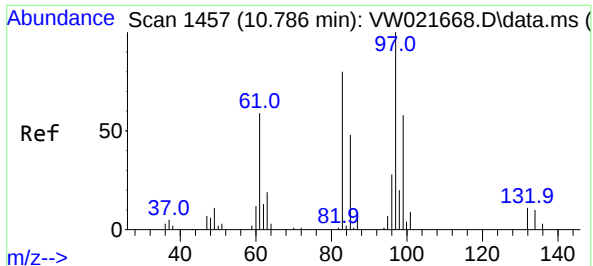
Tgt Ion: 75 Resp: 9767

Ion Ratio Lower Upper

75 100

77 29.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.367 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 5598

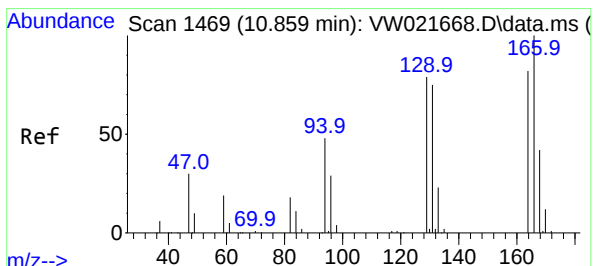
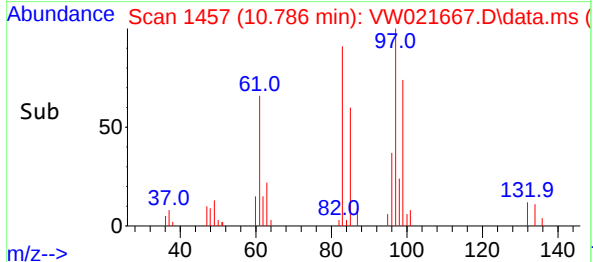
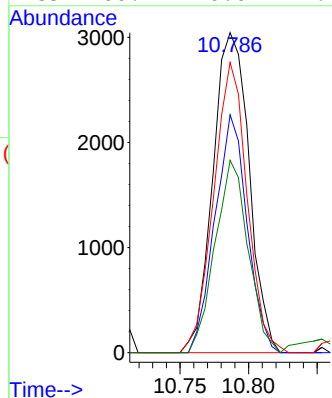
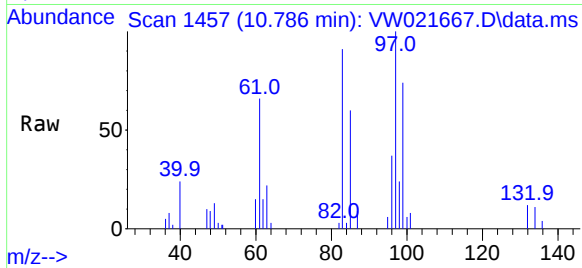
Ion Ratio Lower Upper

97 100

99 74.3 43.0 79.8

83 90.7 62.6 116.3

85 60.1 40.0 74.2



#46

Tetrachloroethene

Concen: 5.738 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Tgt Ion:164 Resp: 8589

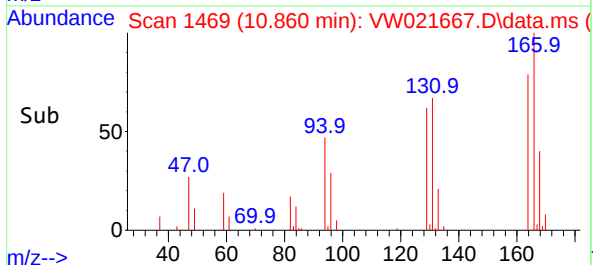
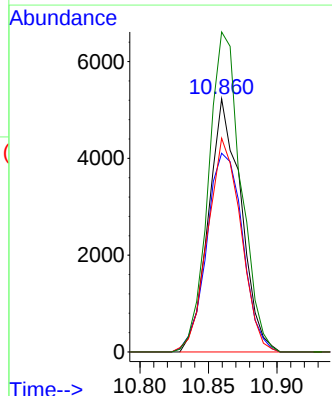
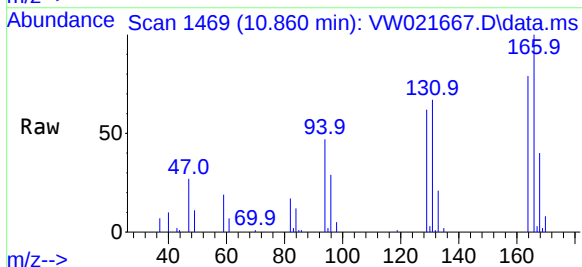
Ion Ratio Lower Upper

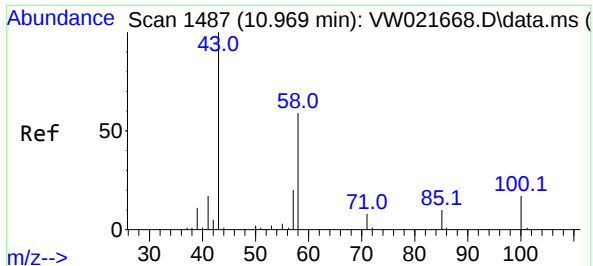
164 100

129 78.5 65.5 121.7

131 84.4 59.7 110.9

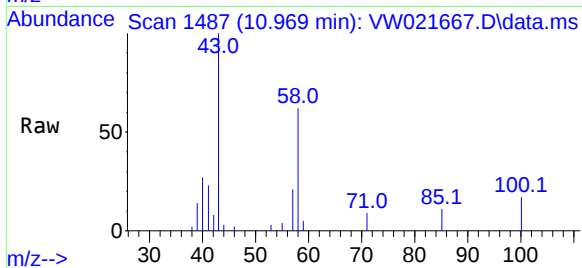
166 126.4 88.7 164.7



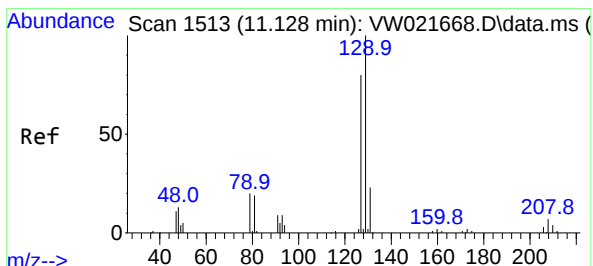
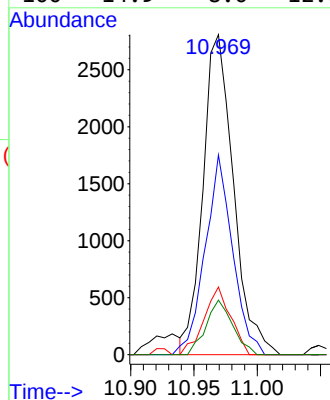
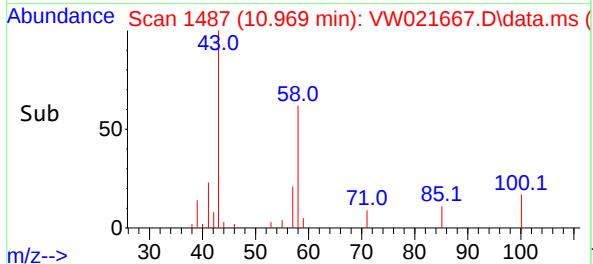


#48
2-Hexanone
Concen: 9.371 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Instrument :
MSVOA_W
ClientSampleId :

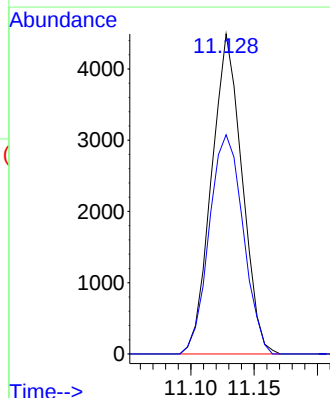
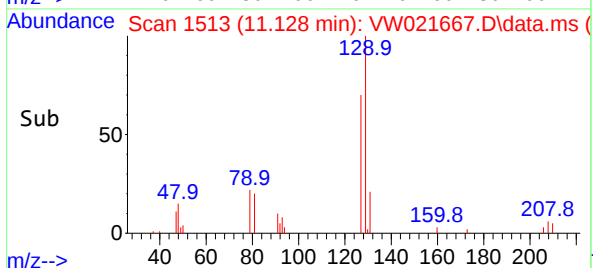
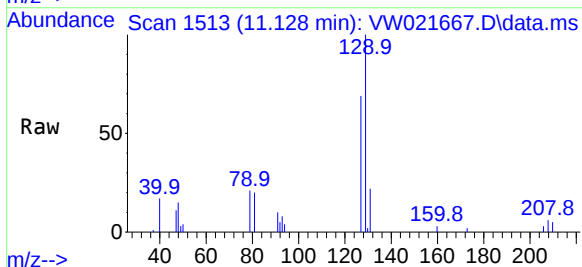


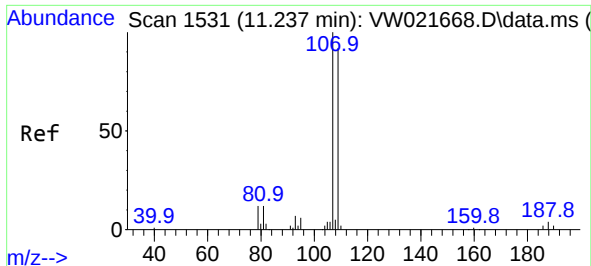
Tgt Ion: 43 Resp: 4717
Ion Ratio Lower Upper
43 100
58 56.3 40.2 60.2
57 18.5 14.3 21.5
100 14.9 8.0 12.0#



#49
Dibromochloromethane
Concen: 5.756 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion: 129 Resp: 7540
Ion Ratio Lower Upper
129 100
127 68.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.468 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021667.D

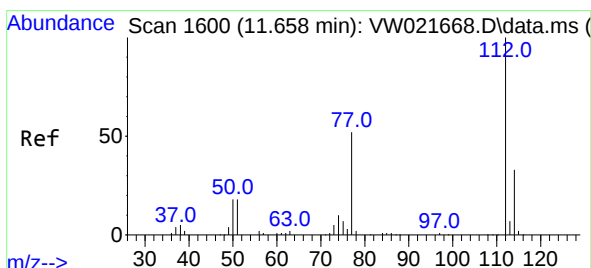
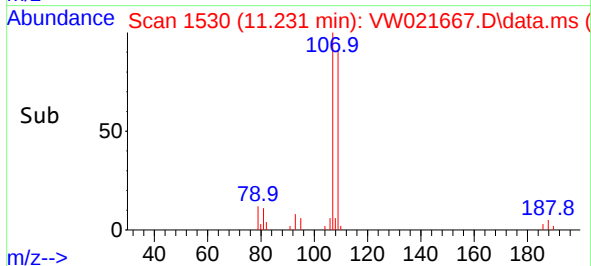
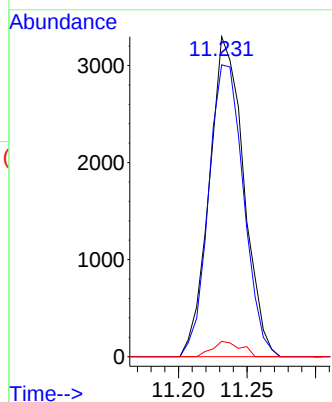
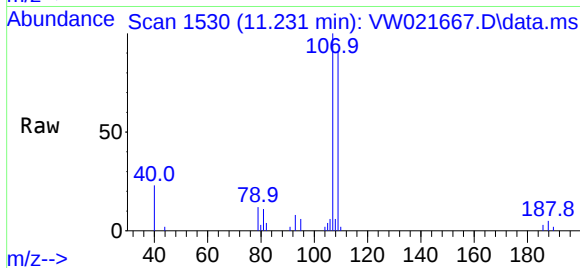
Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	5745
Ion	Ratio	Lower	Upper
107	100		
109	91.2	64.1	119.1
188	4.8	2.6	3.8#



#51

Chlorobenzene

Concen: 5.384 ug/L

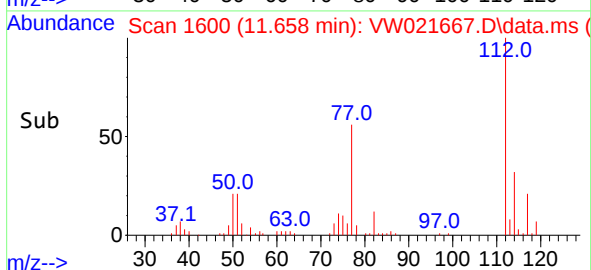
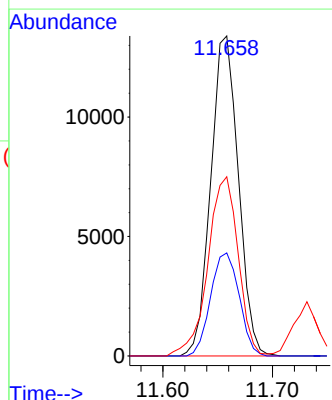
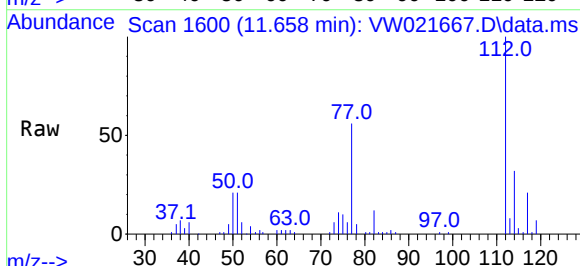
RT: 11.658 min Scan# 1600

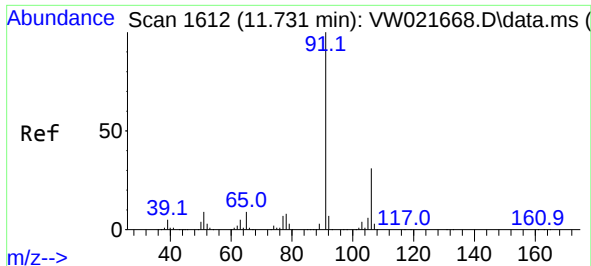
Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Tgt Ion:	112	Resp:	23473
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	56.0	50.2	75.4





#52

Ethylbenzene

Concen: 5.459 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

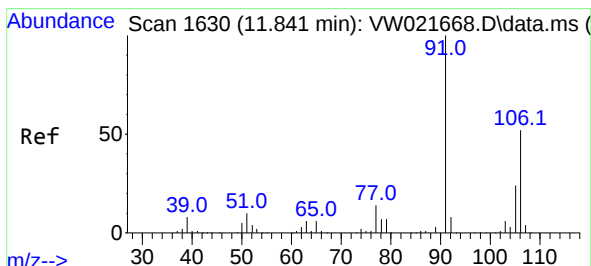
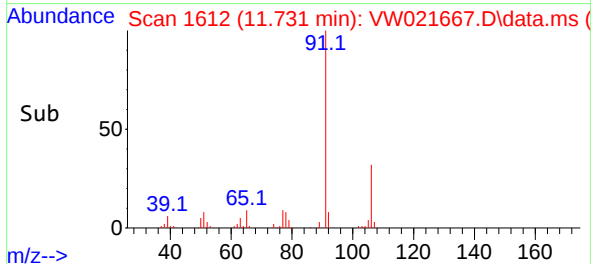
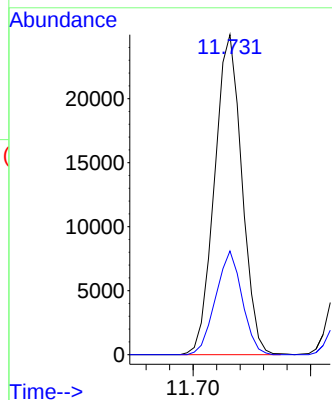
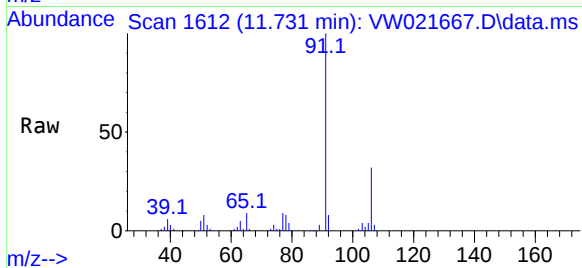
ClientSampleId :

Tgt Ion: 91 Resp: 40442

Ion Ratio Lower Upper

91 100

106 32.4 21.5 39.9



#53

m,p-Xylene

Concen: 5.367 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VW021667.D

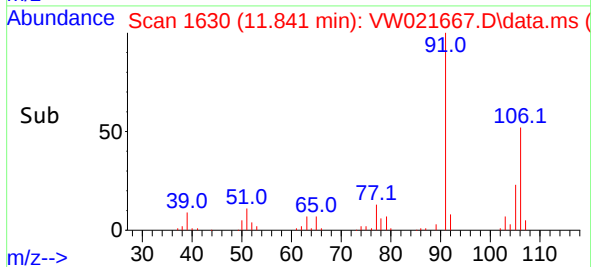
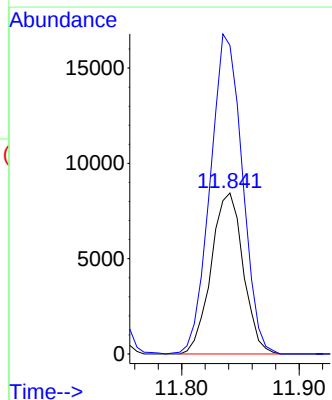
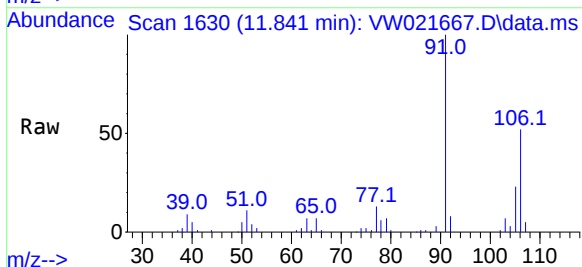
Acq: 28 Dec 2021 10:38

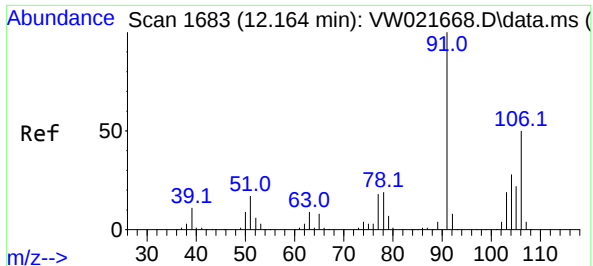
Tgt Ion:106 Resp: 15989

Ion Ratio Lower Upper

106 100

91 191.6 149.9 278.3

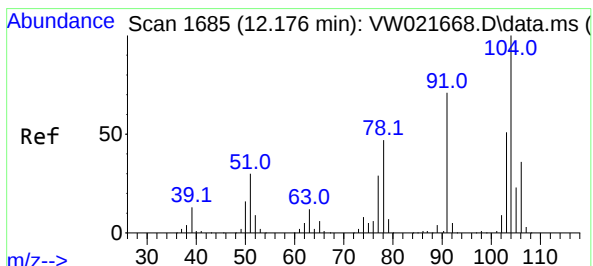
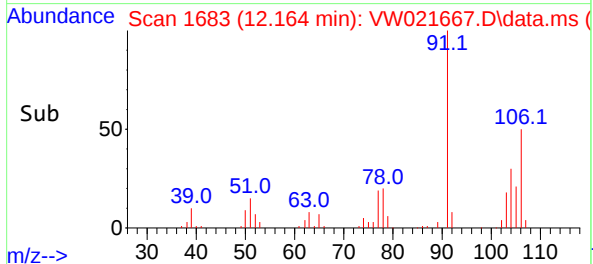
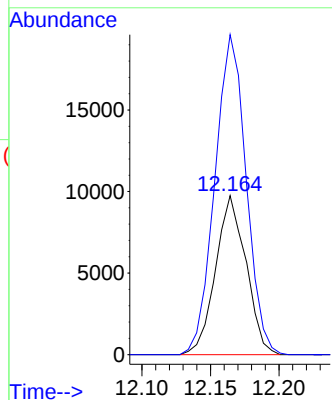
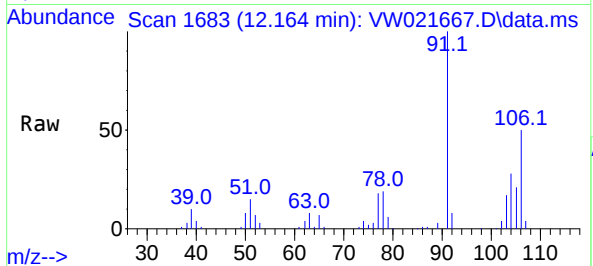




#54
o-Xylene
Concen: 5.349 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

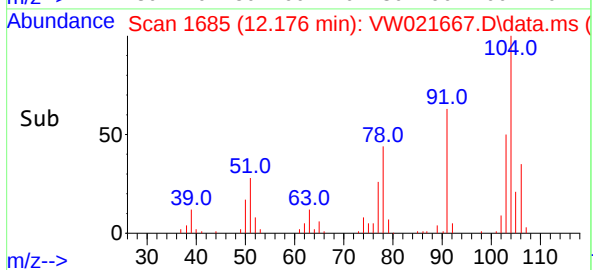
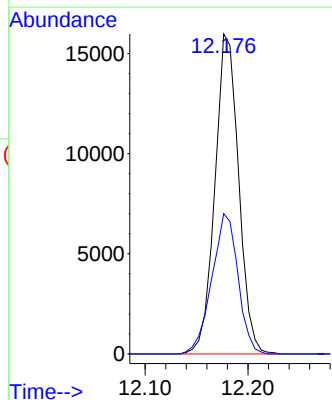
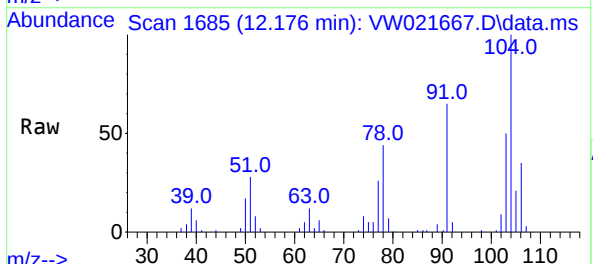
Instrument :
MSVOA_W
ClientSampleId :

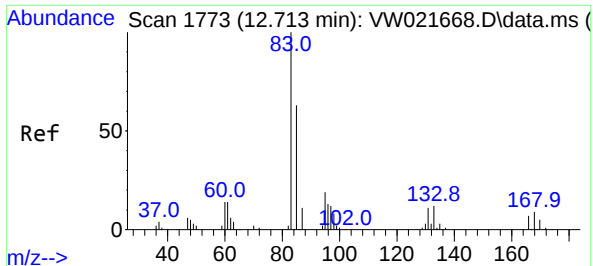
Tgt Ion:106 Resp: 15071
Ion Ratio Lower Upper
106 100
91 201.1 153.6 285.3



#55
Styrene
Concen: 5.296 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion:104 Resp: 25620
Ion Ratio Lower Upper
104 100
78 43.9 34.4 64.0

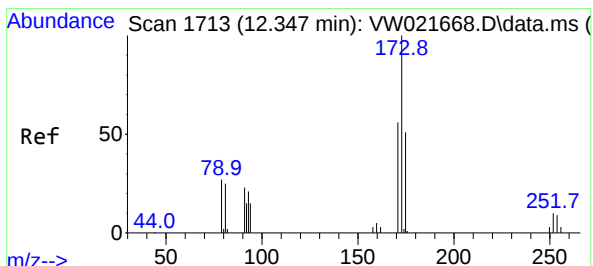
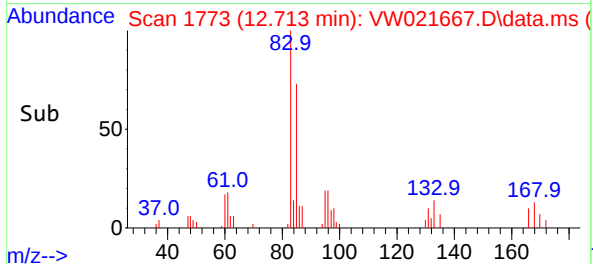
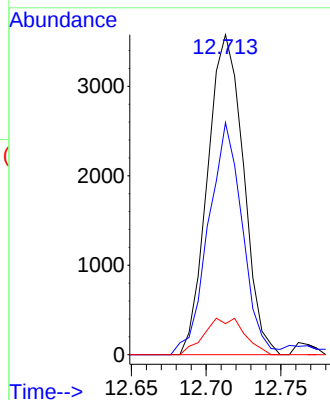
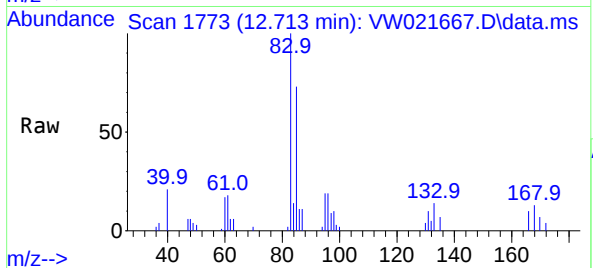




#57
1,1,2,2-Tetrachloroethane
Concen: 5.032 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

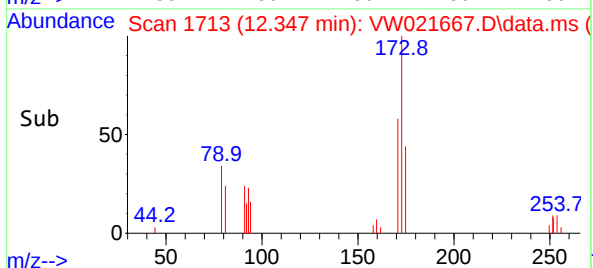
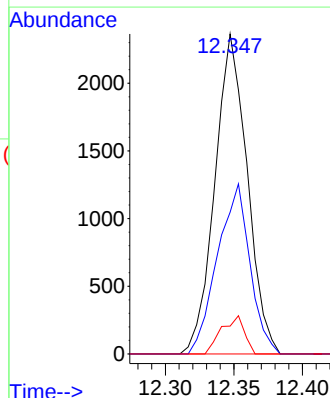
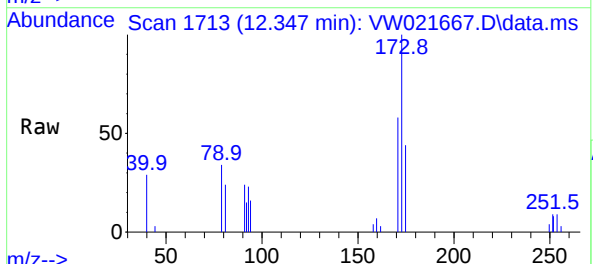
Instrument :
MSVOA_W
ClientSampleId :

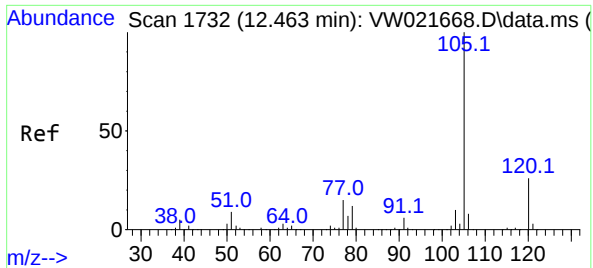
Tgt Ion:	83	Resp:	5967
Ion	Ratio	Lower	Upper
83	100		
85	72.5	44.0	81.6
131	9.7	6.9	10.3



#59
Bromoform
Concen: 5.093 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion:	173	Resp:	3883
Ion	Ratio	Lower	Upper
173	100		
175	53.3	39.6	59.4
254	8.4	7.4	11.0

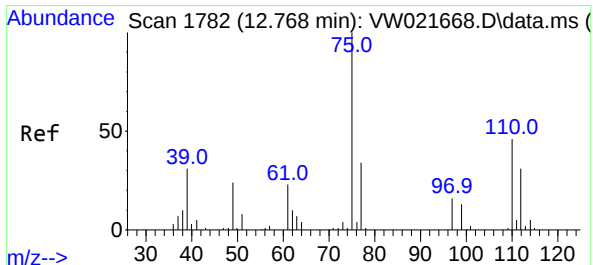
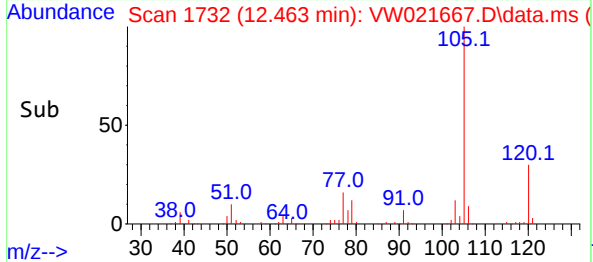
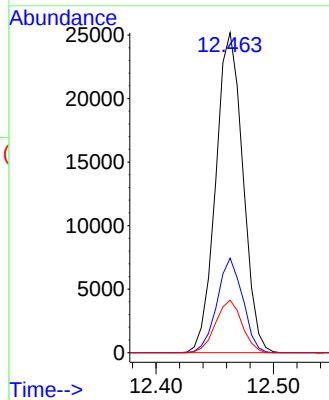
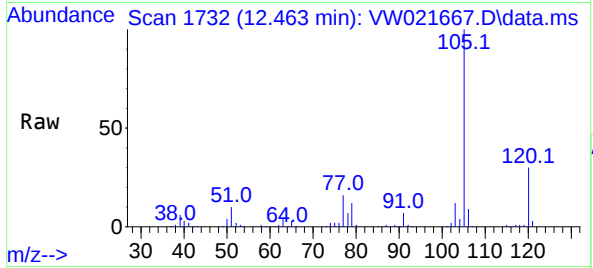




#60
Isopropylbenzene
Concen: 5.019 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

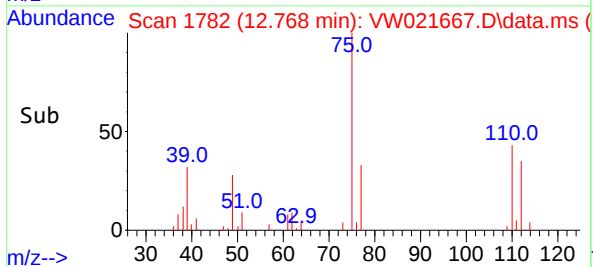
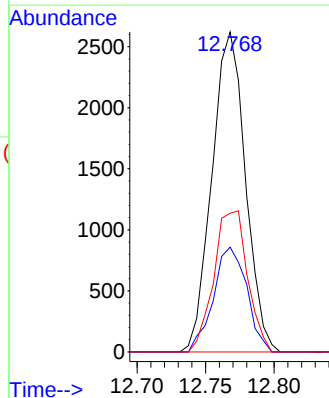
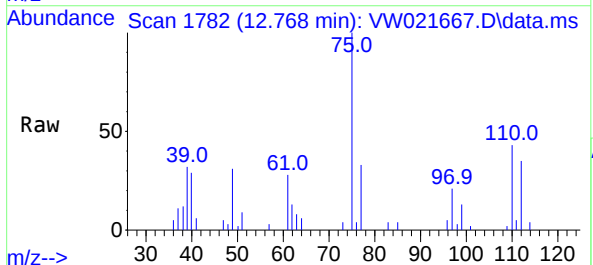
Instrument :
MSVOA_W
ClientSampleId :

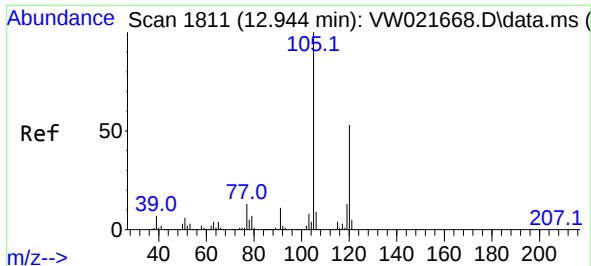
Tgt Ion:105 Resp: 40432
Ion Ratio Lower Upper
105 100
120 28.0 20.1 30.1
77 15.9 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.045 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion: 75 Resp: 4457
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 44.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 5.078 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

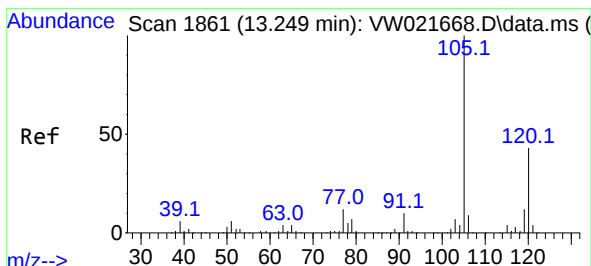
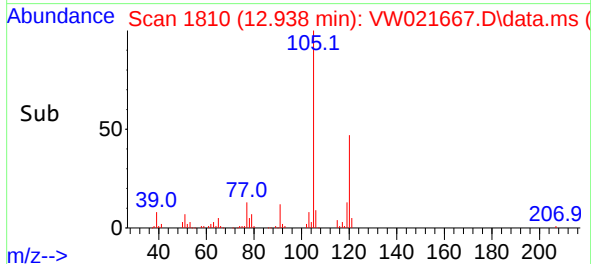
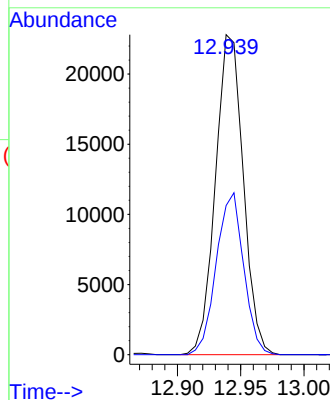
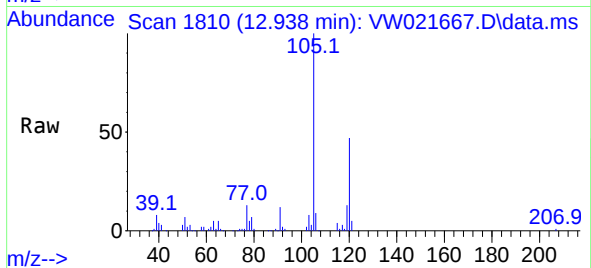
ClientSampleId :

Tgt Ion:105 Resp: 34919

Ion Ratio Lower Upper

105 100

120 49.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 4.951 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021667.D

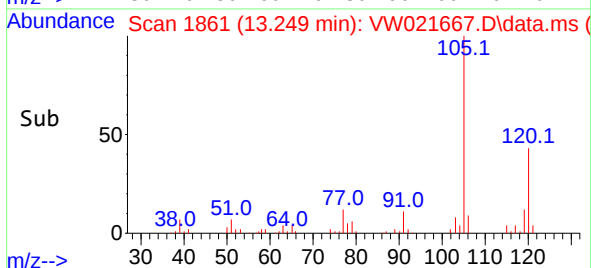
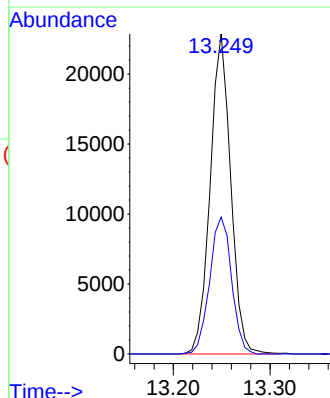
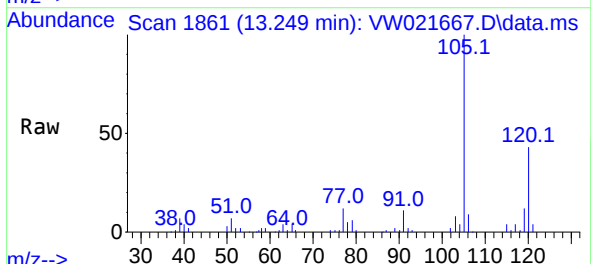
Acq: 28 Dec 2021 10:38

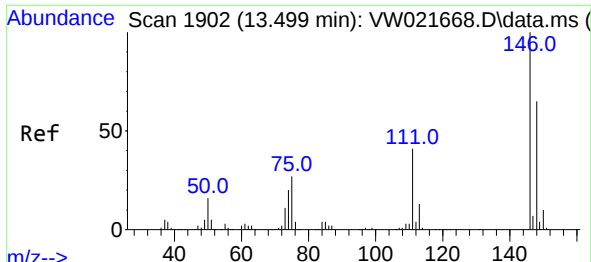
Tgt Ion:105 Resp: 33782

Ion Ratio Lower Upper

105 100

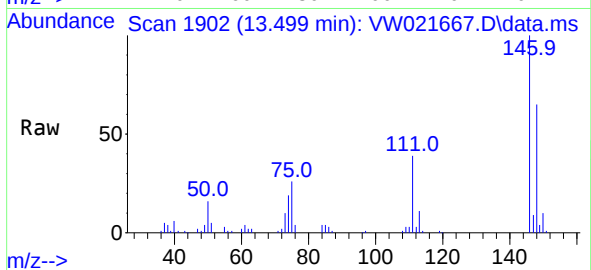
120 45.5 35.0 52.6



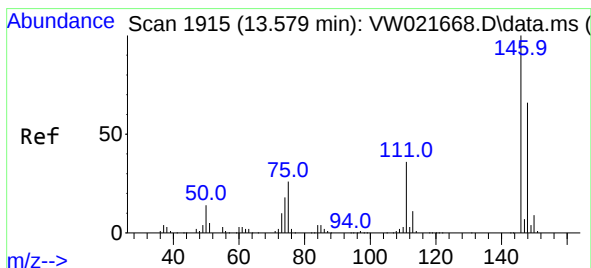
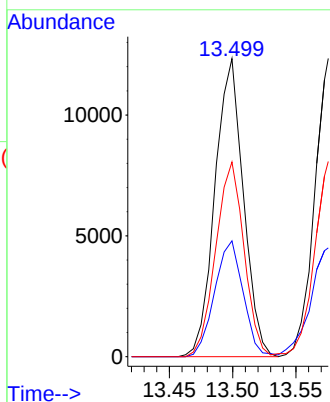
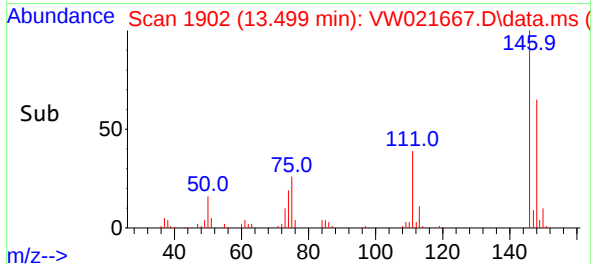


#64
1,3-Dichlorobenzene
Concen: 5.006 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

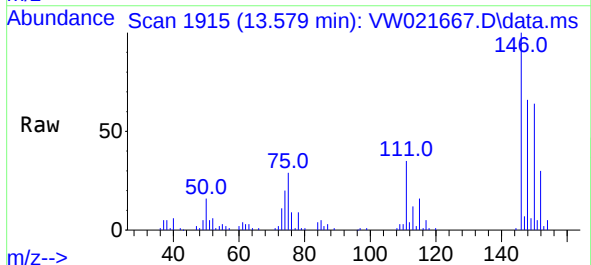
Instrument :
MSVOA_W
ClientSampleId :



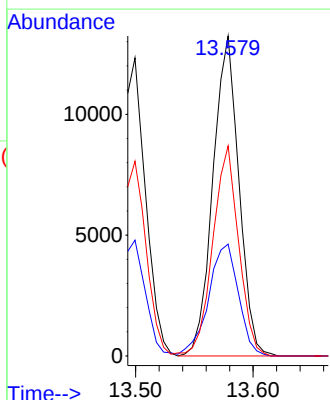
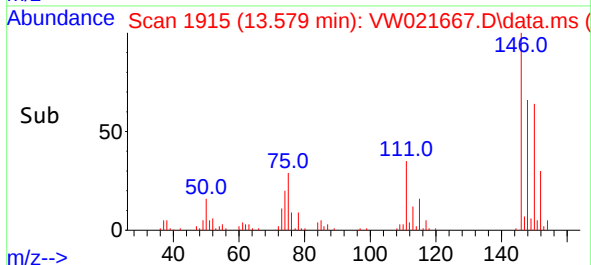
Tgt Ion:146 Resp: 19248
Ion Ratio Lower Upper
146 100
111 38.9 29.8 55.3
148 65.3 46.2 85.8

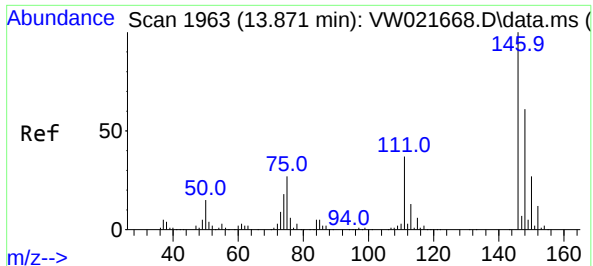


#65
1,4-Dichlorobenzene
Concen: 5.360 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38



Tgt Ion:146 Resp: 20351
Ion Ratio Lower Upper
146 100
111 34.9 29.0 53.9
148 65.7 46.9 87.1

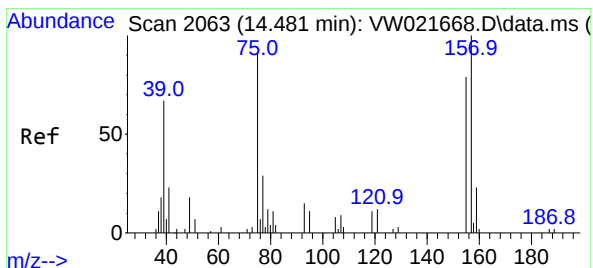
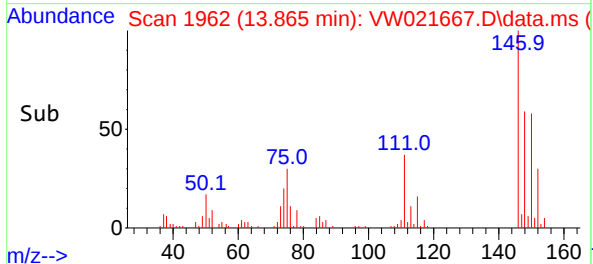
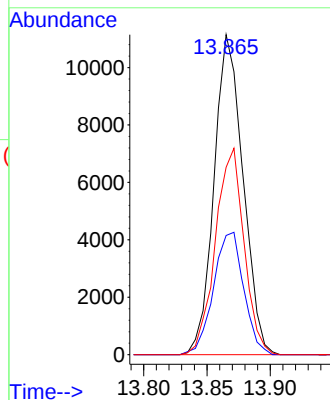
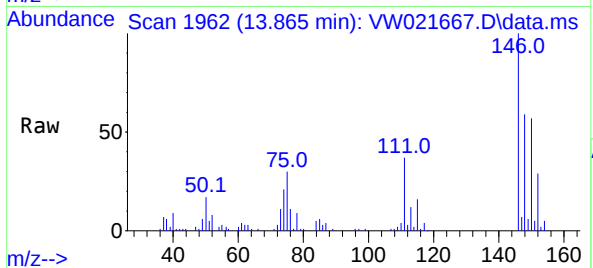




#67
1,2-Dichlorobenzene
Concen: 5.255 ug/L
RT: 13.865 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

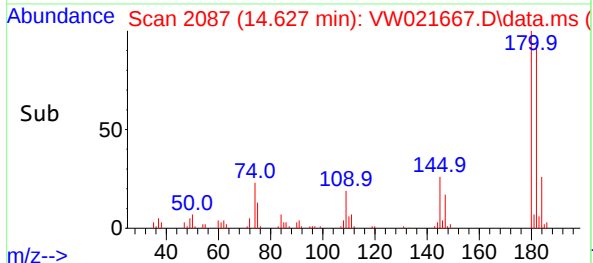
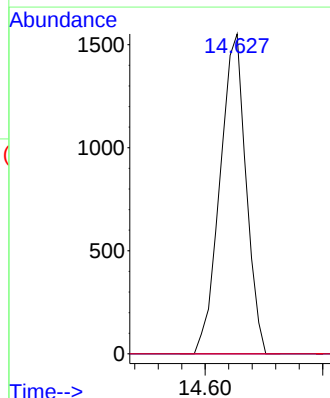
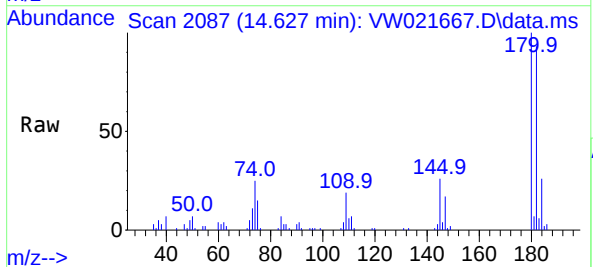
Instrument :
MSVOA_W
ClientSampleId :

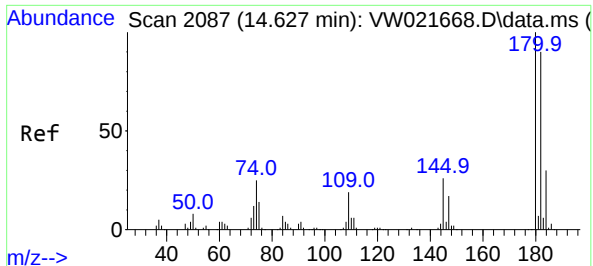
Tgt Ion:146 Resp: 17755
Ion Ratio Lower Upper
146 100
111 37.3 33.1 49.7
148 58.5 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 12.629 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.146 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion: 75 Resp: 2386
Ion Ratio Lower Upper
75 100
155 0.0 54.2 81.2#
157 0.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 5.246 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 14969

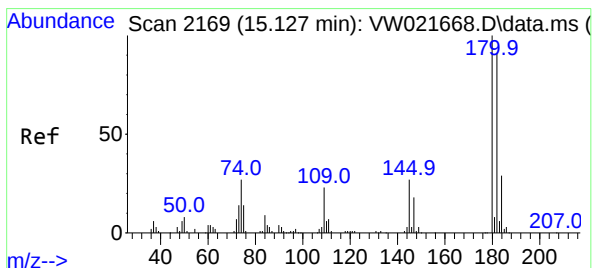
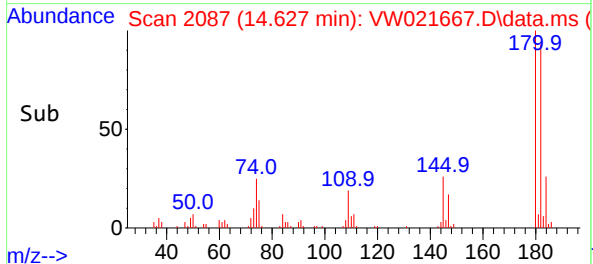
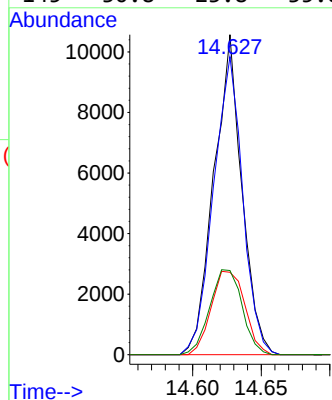
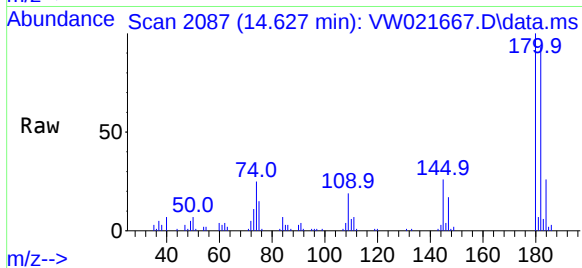
Ion Ratio Lower Upper

180 100

182 97.1 75.4 113.0

184 31.4 23.8 35.8

145 30.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 5.032 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021667.D

Acq: 28 Dec 2021 10:38

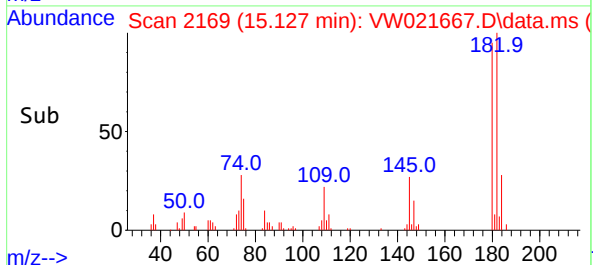
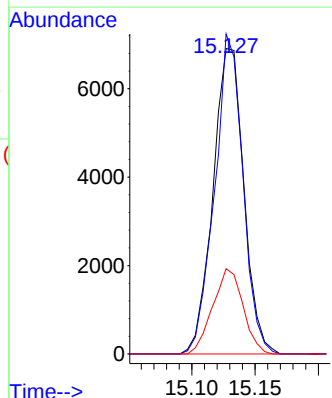
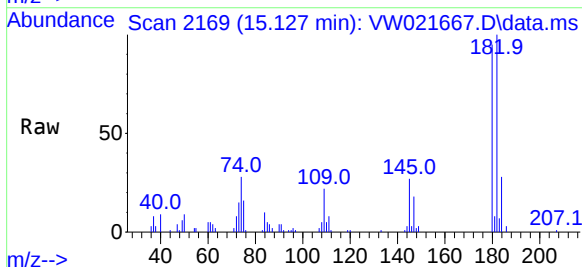
Tgt Ion:180 Resp: 11732

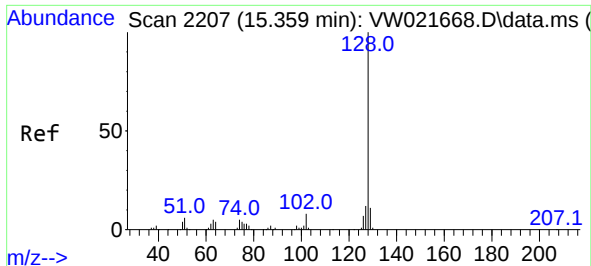
Ion Ratio Lower Upper

180 100

182 95.5 79.0 118.6

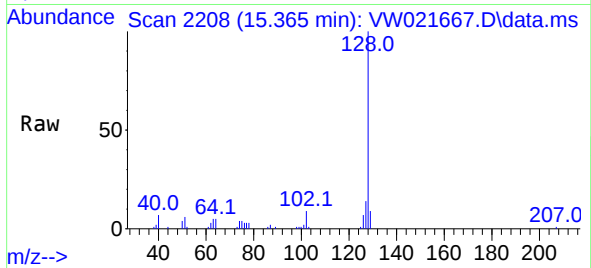
145 27.4 26.0 39.0



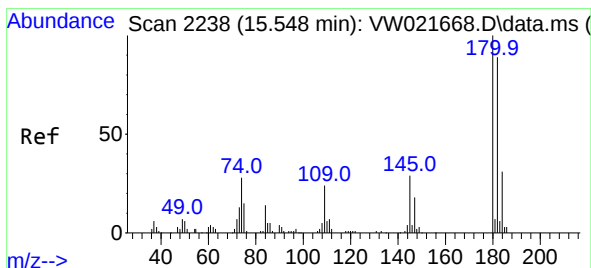
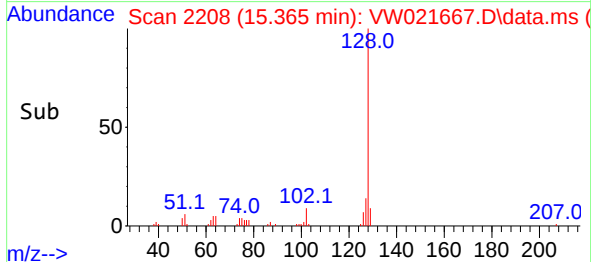
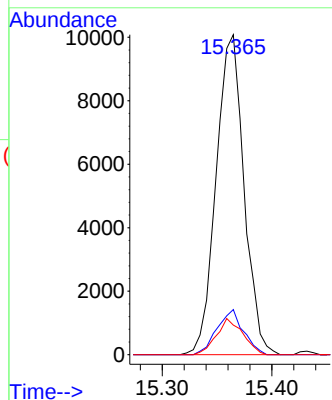


#71
Naphthalene
Concen: 4.692 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 17816
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 5.288 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021667.D
Acq: 28 Dec 2021 10:38

Tgt Ion:180 Resp: 10079
Ion Ratio Lower Upper
180 100
182 91.8 76.6 114.8
145 29.4 27.4 41.0

