

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021061.D
 Acq On : 03 Dec 2021 12:56
 Operator : SY/VA
 Sample : VSTD05028
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 18:36:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	113352	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	106726	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62435	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	81880	52.870	ug/L	0.00
7) Chloroethane-d5	2.879	69	55270	52.384	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	124232	50.146	ug/L	0.00
21) 2-Butanone-d5	7.074	46	32217	90.378	ug/L	0.00
24) Chloroform-d	7.647	84	138815	49.589	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	71951	47.989	ug/L	0.00
32) Benzene-d6	8.275	84	257954	48.220	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	71828	48.453	ug/L	0.00
41) Toluene-d8	10.323	98	265555	48.760	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	35115	51.527	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	26462	93.275	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	68347	50.048	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	104214	47.580	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	28224	49.720	ug/L	99
3) Chloromethane	2.209	50	61750	50.625	ug/L	95
5) Vinyl chloride	2.355	62	108651	51.420	ug/L	96
6) Bromomethane	2.769	94	69598	48.354	ug/L	97
8) Chloroethane	2.916	64	46613	51.684	ug/L	98
9) Trichlorofluoromethane	3.257	101	49259	47.618	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	79055	49.972	ug/L	# 75
12) 1,1-Dichloroethene	4.044	96	74000	50.203	ug/L	72
13) Acetone	4.123	43	25120	76.688	ug/L	90
14) Carbon disulfide	4.385	76	213373	53.430	ug/L	99
15) Methyl Acetate	4.672	43	27369	47.404	ug/L	# 91
16) Methylene chloride	4.915	84	69540	40.080	ug/L	83
17) trans-1,2-Dichloroethene	5.427	96	77137	49.745	ug/L	83
18) Methyl tert-butyl Ether	5.427	73	110448	47.600	ug/L	94
19) 1,1-Dichloroethane	6.214	63	121134	49.380	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	80734	49.469	ug/L	71
22) 2-Butanone	7.165	43	38098	83.748	ug/L	88
23) Bromochloromethane	7.512	128	37987	49.884	ug/L	# 66
25) Chloroform	7.677	83	136815	50.104	ug/L	99
27) 1,2-Dichloroethane	8.403	62	88622	49.312	ug/L	97
29) Cyclohexane	7.958	56	116482	49.760	ug/L	# 83
30) 1,1,1-Trichloroethane	7.872	97	123764	49.656	ug/L	95
31) Carbon tetrachloride	8.067	117	115997	50.684	ug/L	98
33) Benzene	8.323	78	290762	48.188	ug/L	100
34) Trichloroethene	9.091	95	82647	49.488	ug/L	91
35) Methylcyclohexane	9.335	83	140508	49.927	ug/L	85
37) 1,2-Dichloropropane	9.366	63	66957	49.296	ug/L	# 96
38) Bromodichloromethane	9.646	83	99024	51.890	ug/L	# 98
39) cis-1,3-Dichloropropene	10.073	75	114248	52.080	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	86462	94.573	ug/L	# 92
42) Toluene	10.390	91	339438	49.727	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	103560	52.568	ug/L	99

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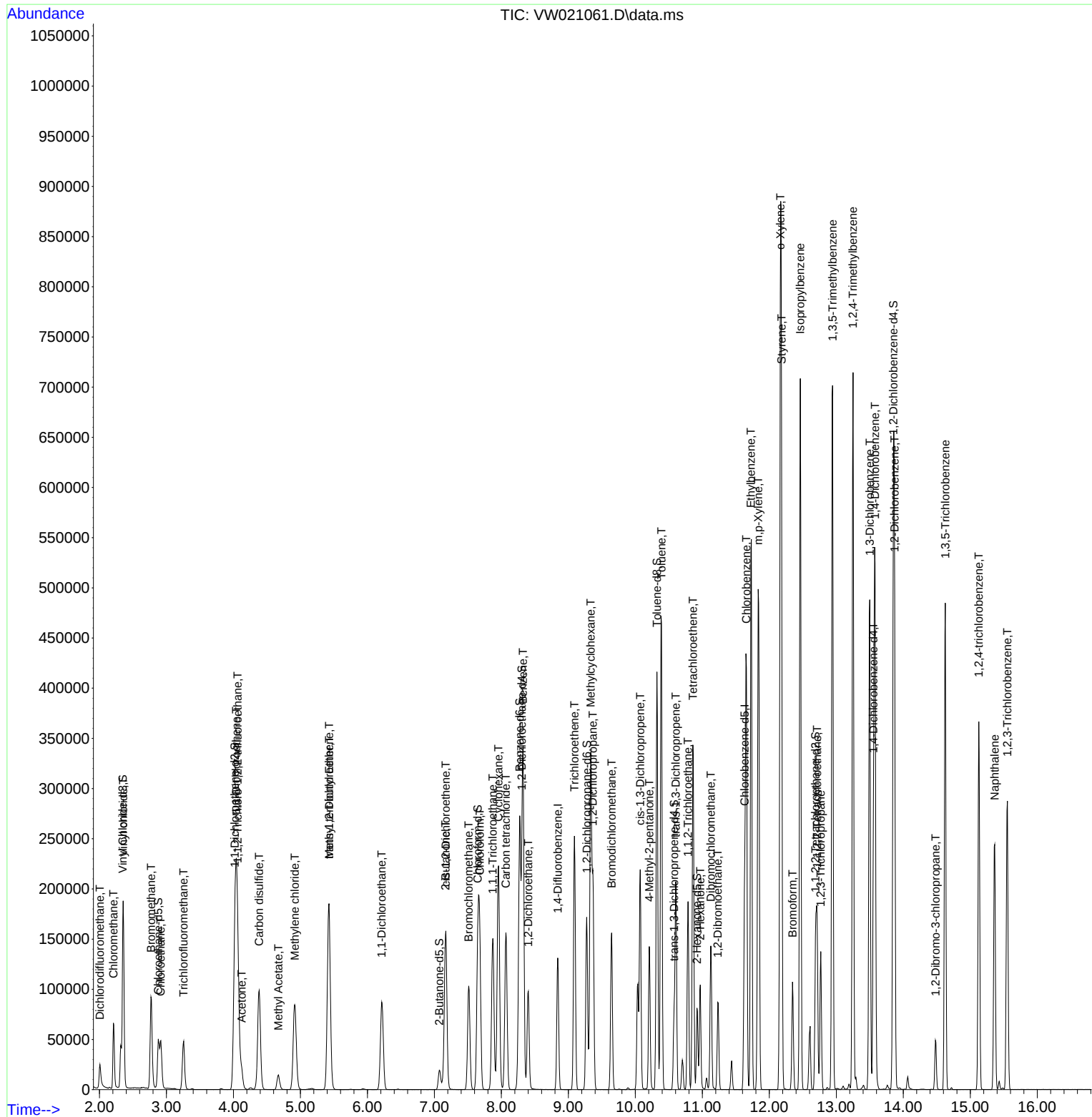
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	55449	48.207	ug/L	95
46) Tetrachloroethene	10.859	164	75632	49.085	ug/L	98
48) 2-Hexanone	10.969	43	64240	97.501	ug/L #	95
49) Dibromochloromethane	11.128	129	72721	51.790	ug/L	95
50) 1,2-Dibromoethane	11.231	107	57099	49.492	ug/L #	99
51) Chlorobenzene	11.658	112	222918	48.503	ug/L	91
52) Ethylbenzene	11.725	91	383921	49.649	ug/L	99
53) m,p-Xylene	11.835	106	160671	50.017	ug/L	87
54) o-Xylene	12.164	106	157902	52.869	ug/L	88
55) Styrene	12.182	104	280118	54.564	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	68813	50.535	ug/L #	96
59) Bromoform	12.347	173	46196	52.588	ug/L	99
60) Isopropylbenzene	12.463	105	438411	51.136	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	48776	47.421	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	371789	51.734	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	374064	51.654	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	203529	50.316	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	204408	50.639	ug/L	89
67) 1,2-Dichlorobenzene	13.871	146	176610	49.151	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	11455	50.871	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	142867	48.415	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	115351	47.871	ug/L	97
71) Naphthalene	15.365	128	219352	48.452	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	95263	44.787	ug/L	96

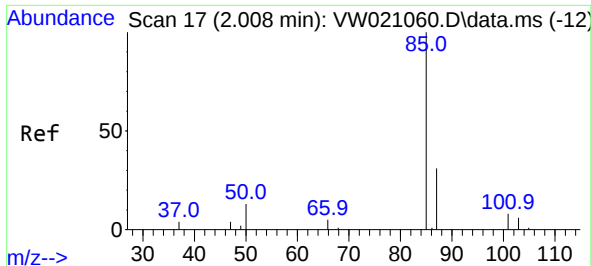
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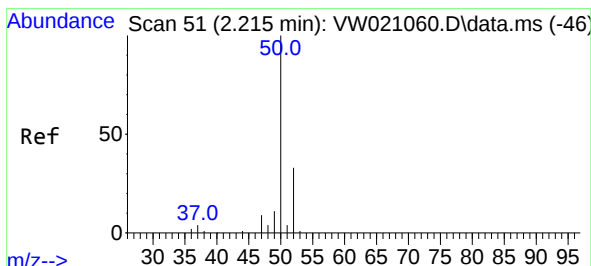
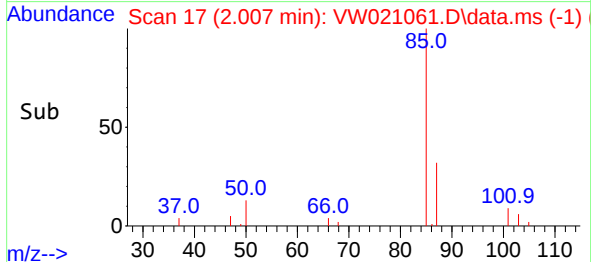
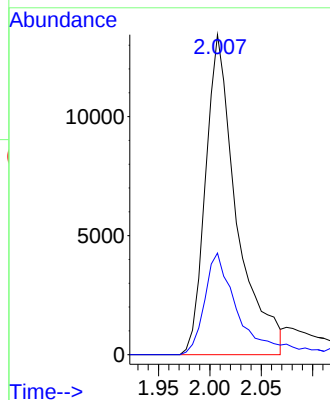
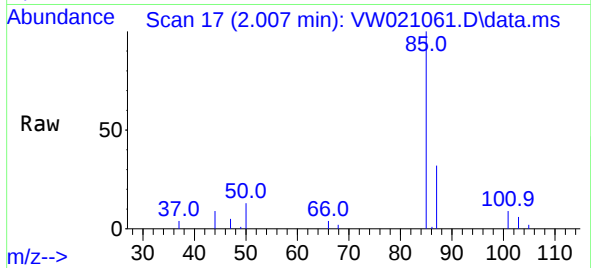




#2
Dichlorodifluoromethane
Concen: 49.720 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

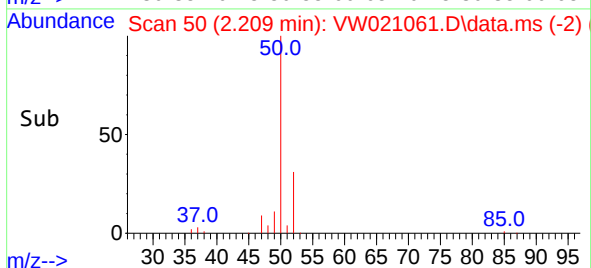
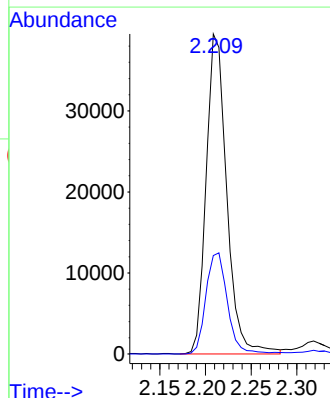
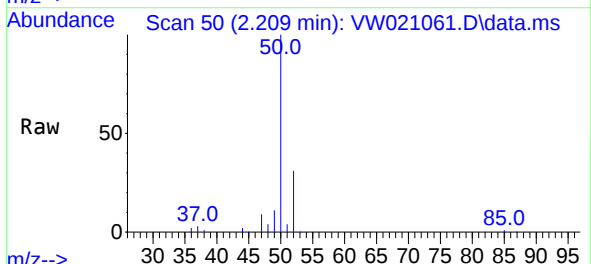
Instrument :
MSVOA_W
ClientSampleId :

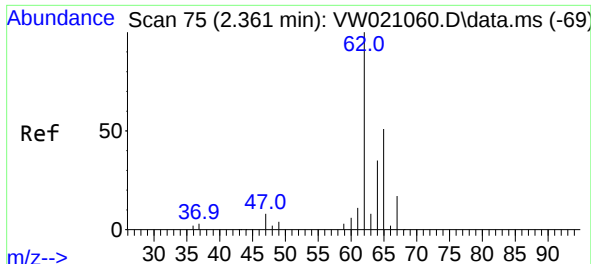
Tgt Ion: 85 Resp: 28224
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6



#3
Chloromethane
Concen: 50.625 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 50 Resp: 61750
Ion Ratio Lower Upper
50 100
52 30.7 23.4 43.6

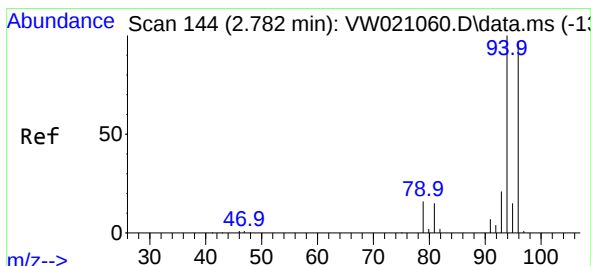
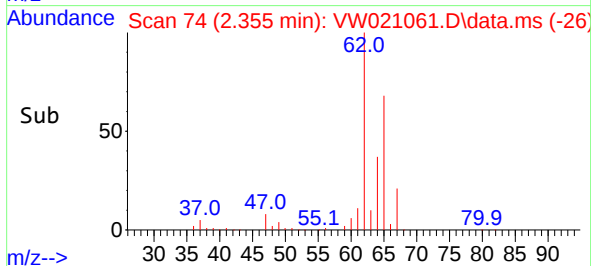
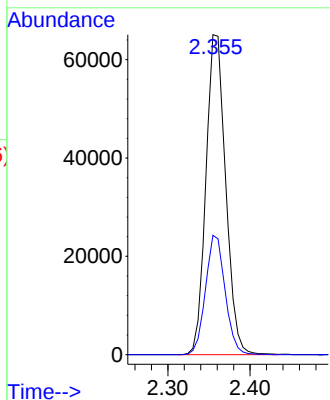
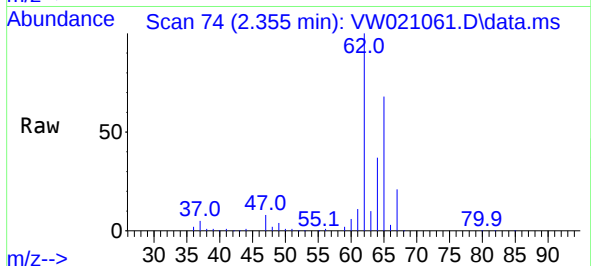




#5
 Vinyl chloride
 Concen: 51.420 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021061.D
 Acq: 03 Dec 2021 12:56

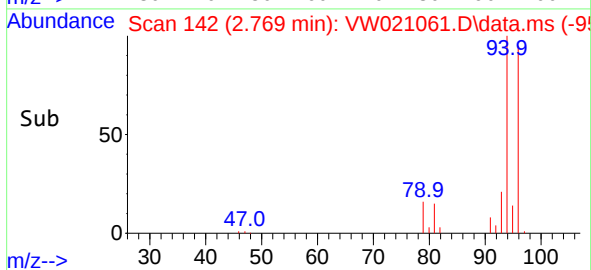
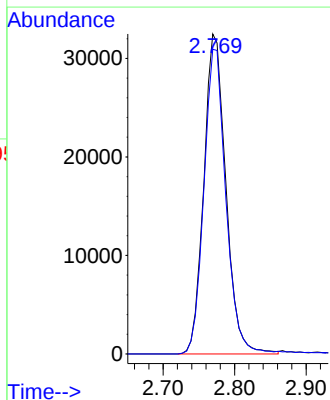
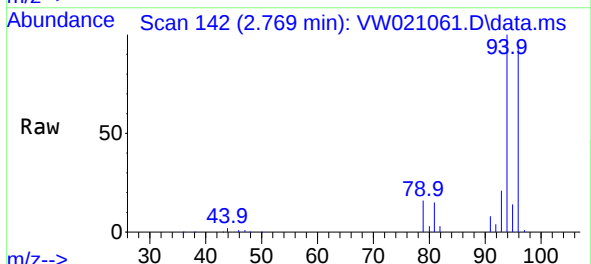
Instrument :
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 ClientSampleId :

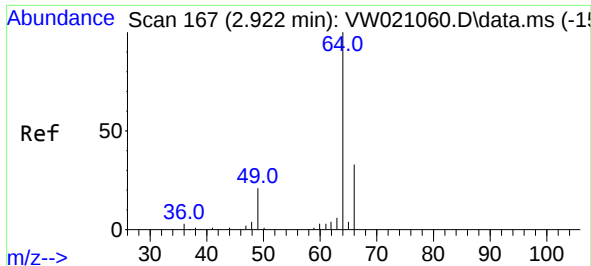
Tgt Ion: 62 Resp: 108651
 Ion Ratio Lower Upper
 62 100
 64 37.3 24.4 45.2



#6
 Bromomethane
 Concen: 48.354 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW021061.D
 Acq: 03 Dec 2021 12:56

Tgt Ion: 94 Resp: 69598
 Ion Ratio Lower Upper
 94 100
 96 95.2 64.8 120.4

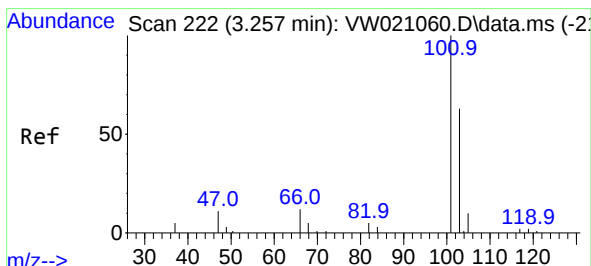
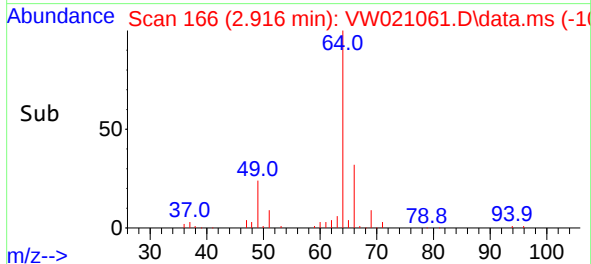
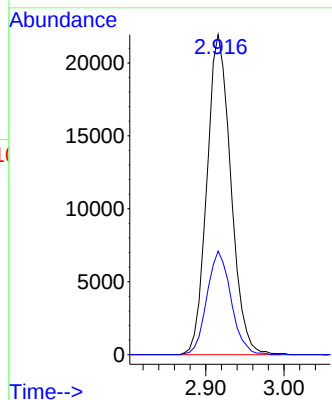
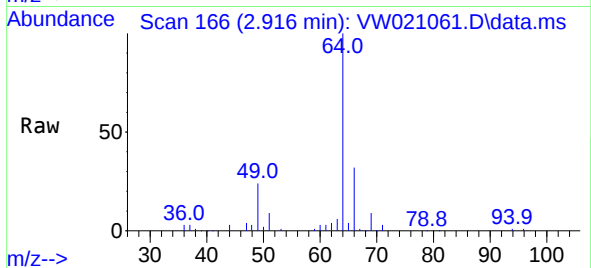




#8
Chloroethane
Concen: 51.684 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

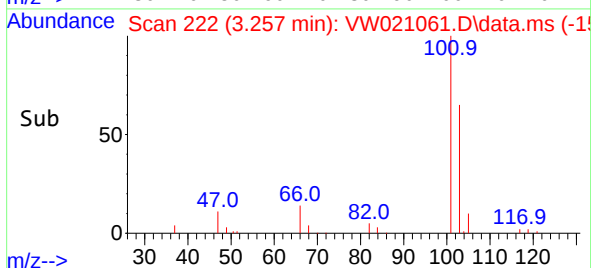
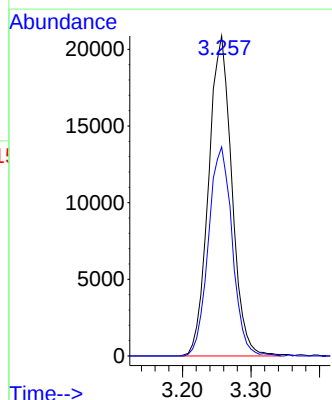
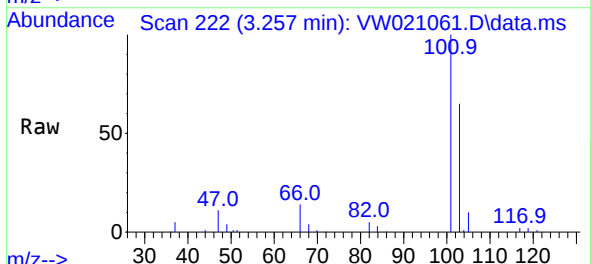
Instrument :
MSVOA_W
ClientSampleId :

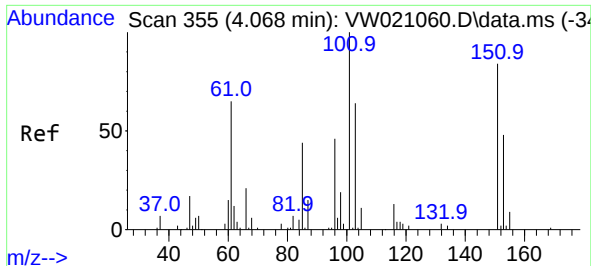
Tgt Ion: 64 Resp: 46613
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 47.618 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion:101 Resp: 49259
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.2





#10

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

Concen: 49.972 ug/L

RT: 4.062 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021061.D

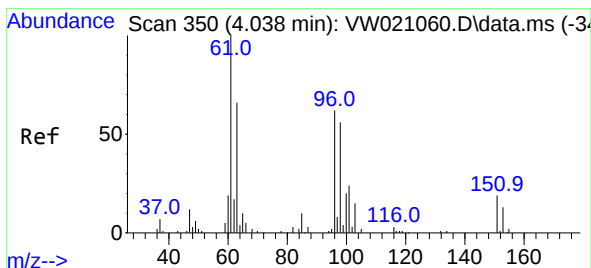
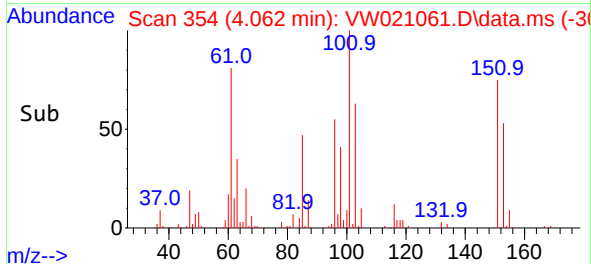
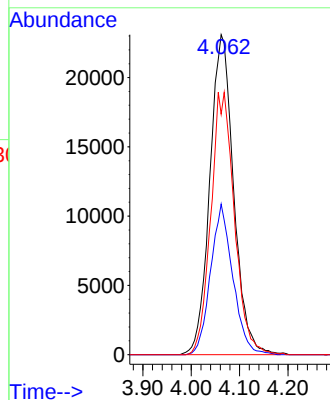
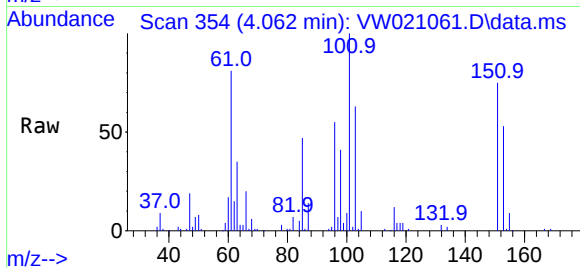
Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	101	Resp:	79055
Ion	Ratio	Lower	Upper
101	100		
85	43.9	36.6	54.8
151	39.6	57.4	86.0#



#12

1,1-Dichloroethene

Concen: 50.203 ug/L

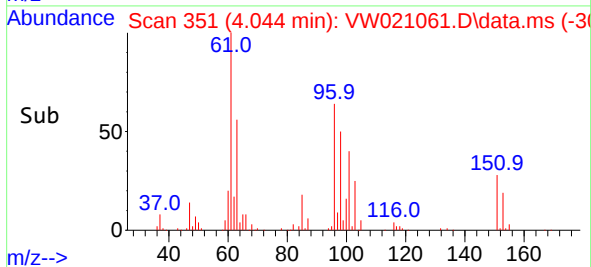
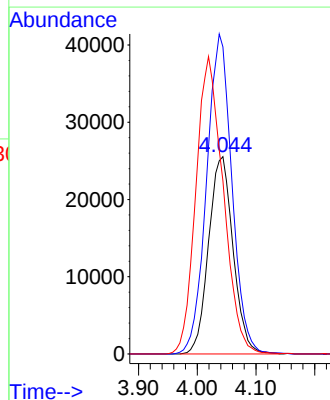
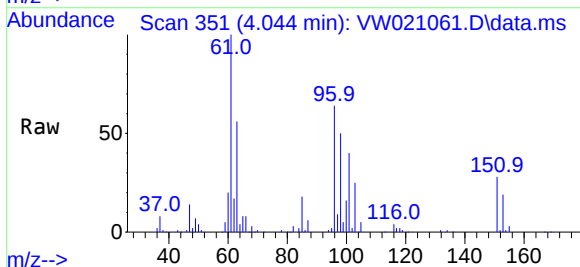
RT: 4.044 min Scan# 351

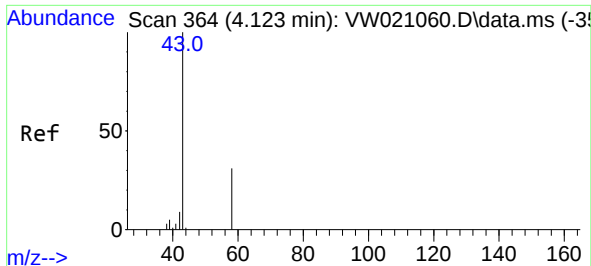
Delta R.T. 0.006 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Tgt Ion:	96	Resp:	74000
Ion	Ratio	Lower	Upper
96	100		
61	155.6	138.3	256.9
63	87.7	82.6	153.4





#13

Acetone

Concen: 76.688 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

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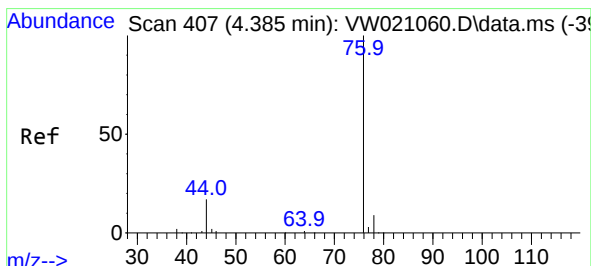
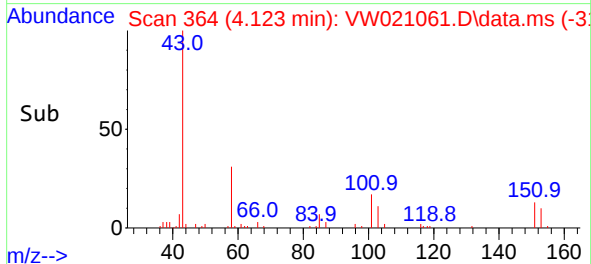
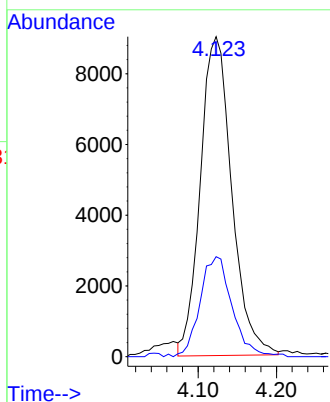
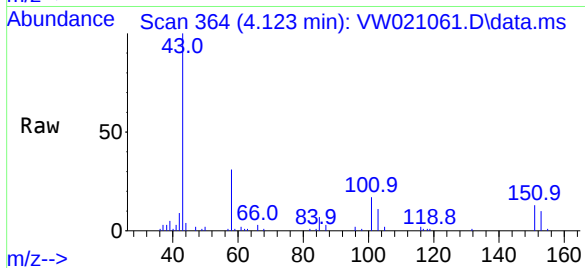
ClientSampleId :

Tgt Ion: 43 Resp: 25120

Ion Ratio Lower Upper

43 100

58 31.7 0.0 52.8



#14

Carbon disulfide

Concen: 53.430 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021061.D

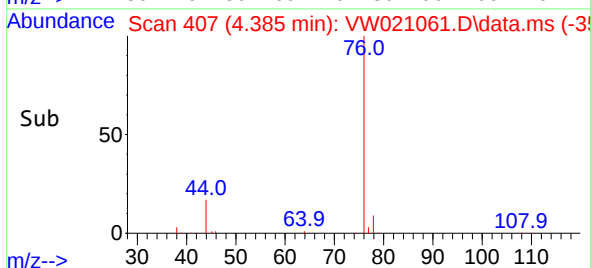
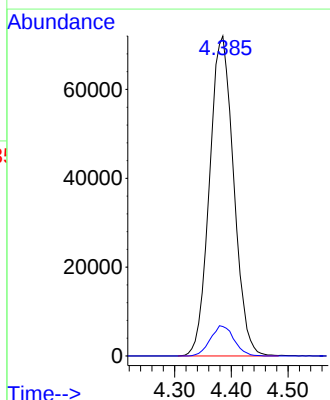
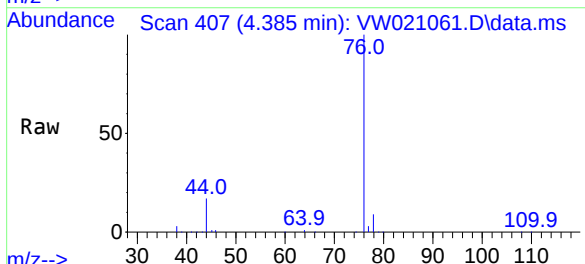
Acq: 03 Dec 2021 12:56

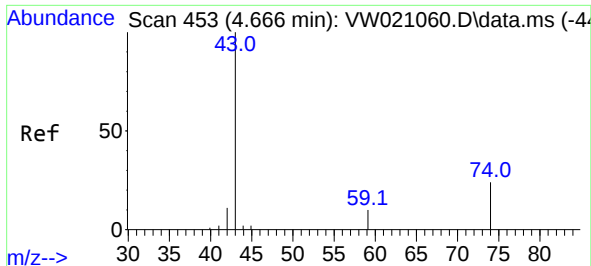
Tgt Ion: 76 Resp: 213373

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

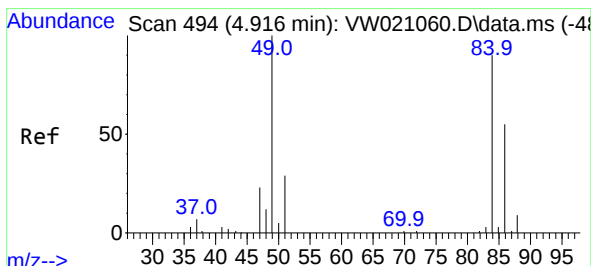
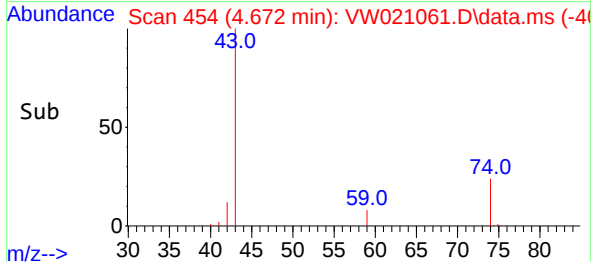
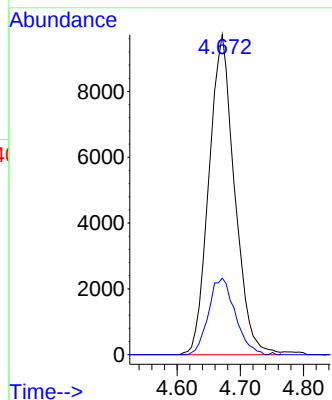
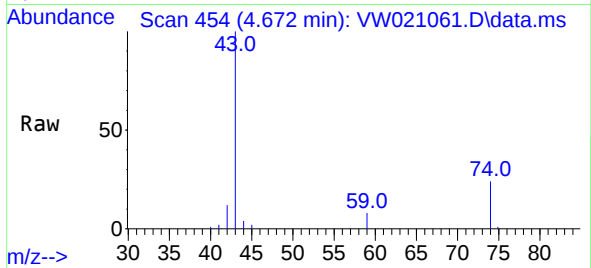




#15
Methyl Acetate
Concen: 47.404 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

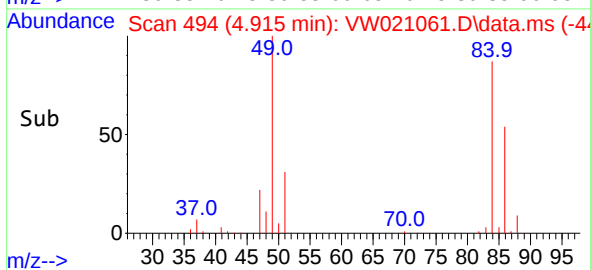
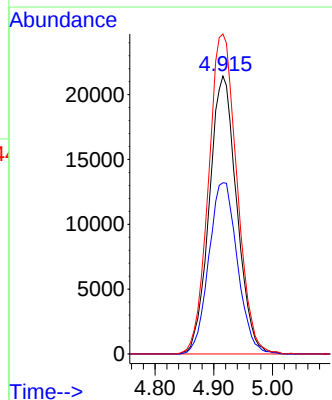
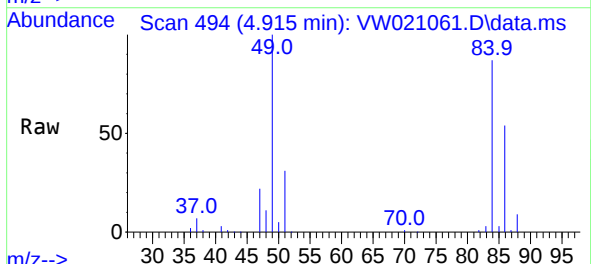
Instrument :
MSVOA_W
ClientSampleId :

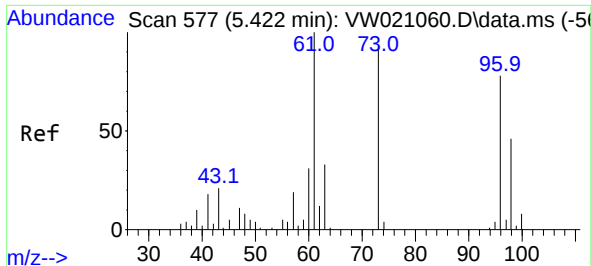
Tgt Ion: 43 Resp: 27369
Ion Ratio Lower Upper
43 100
74 24.8 16.4 24.6#



#16
Methylene chloride
Concen: 40.080 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 84 Resp: 69540
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 115.2 100.5 186.7

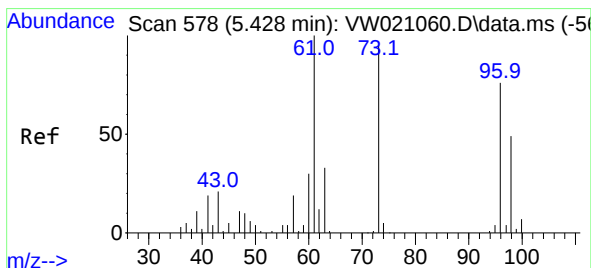
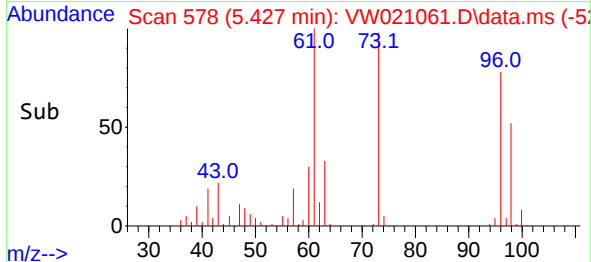
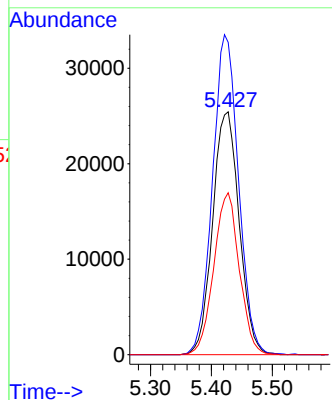
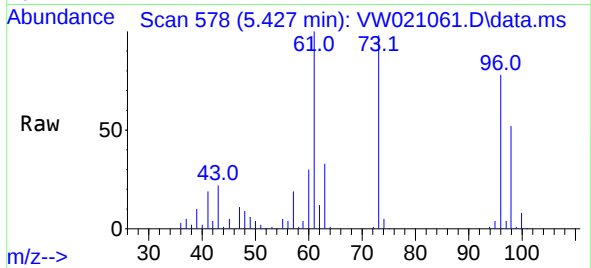




#17
trans-1,2-Dichloroethene
Concen: 49.745 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

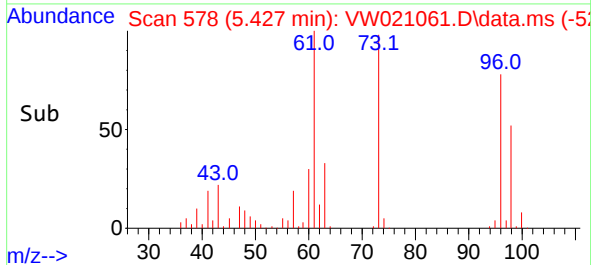
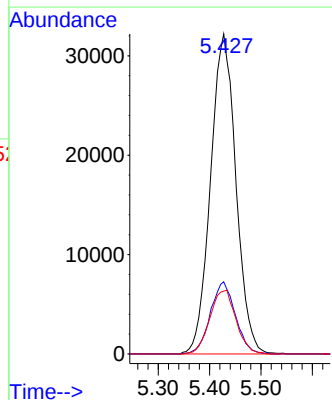
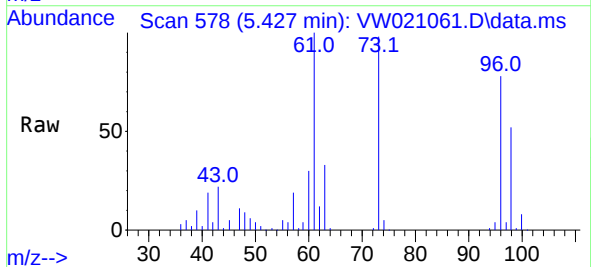
Instrument :
MSVOA_W
ClientSampleId :

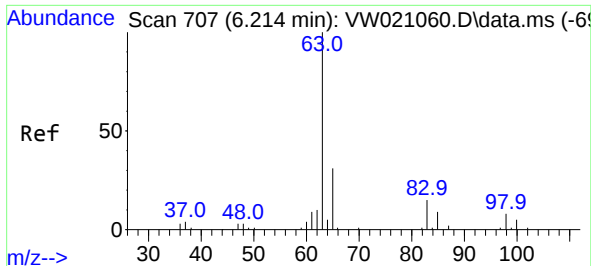
Tgt Ion: 96 Resp: 77137
Ion Ratio Lower Upper
96 100
61 128.6 107.4 199.4
98 66.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 47.600 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 73 Resp: 110448
Ion Ratio Lower Upper
73 100
43 22.2 19.5 29.3
57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 49.380 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

ClientSampleId :

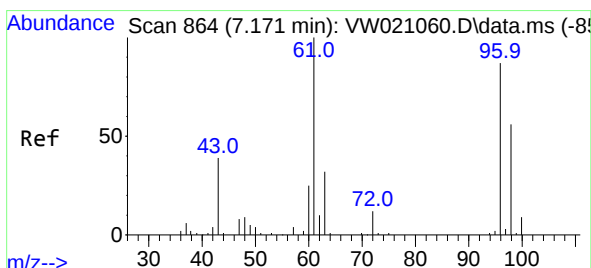
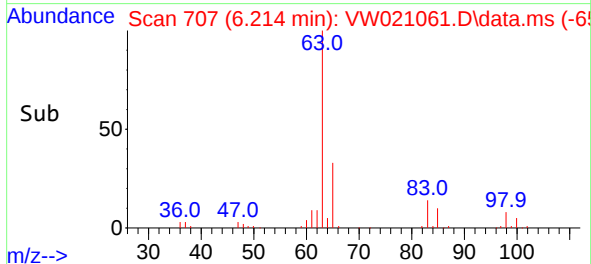
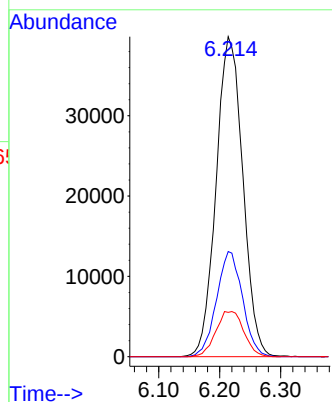
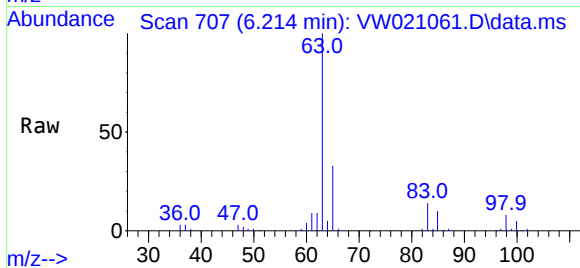
Tgt Ion: 63 Resp: 121134

Ion Ratio Lower Upper

63 100

65 32.8 22.1 41.1

83 13.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 49.469 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

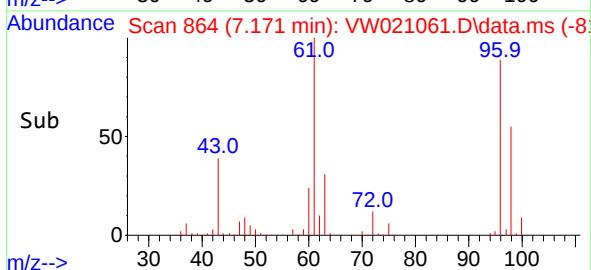
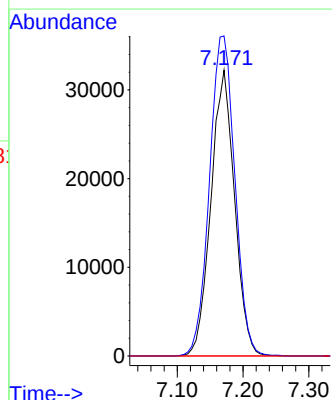
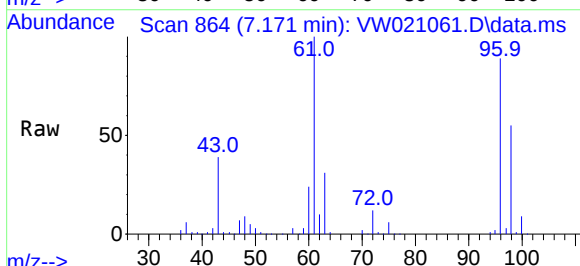
Tgt Ion: 96 Resp: 80734

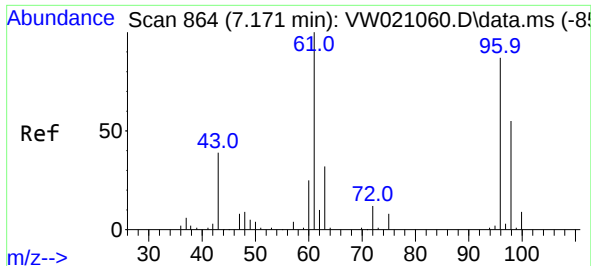
Ion Ratio Lower Upper

96 100

61 112.0 103.7 192.7

68 0.0 0.0 0.0

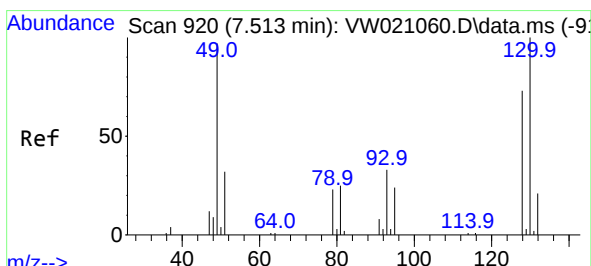
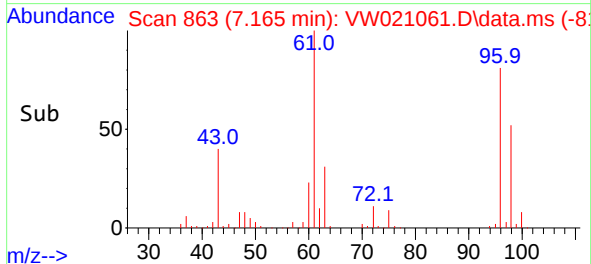
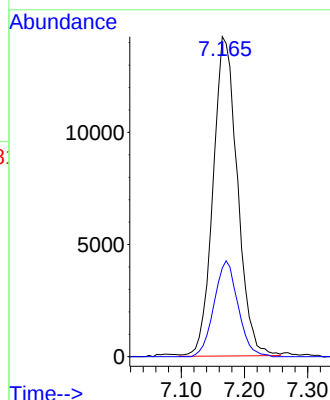
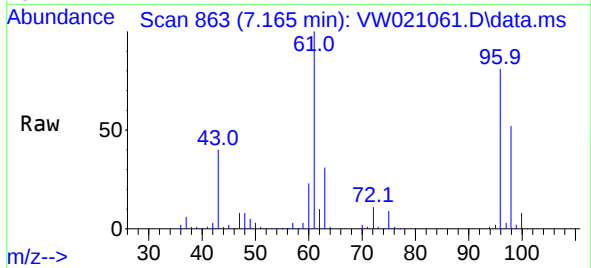




#22
2-Butanone
Concen: 83.748 ug/L
RT: 7.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

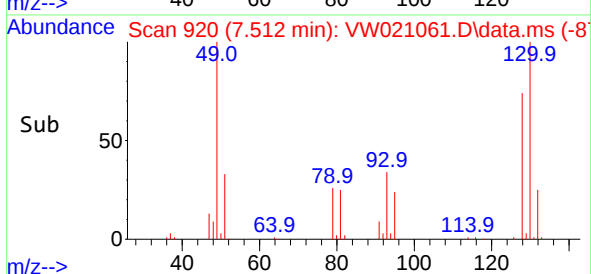
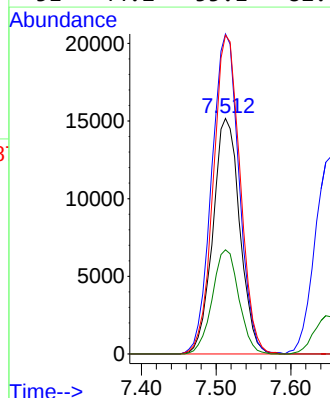
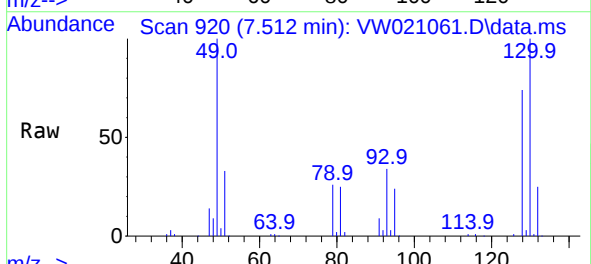
Instrument :
MSVOA_W
ClientSampleId :

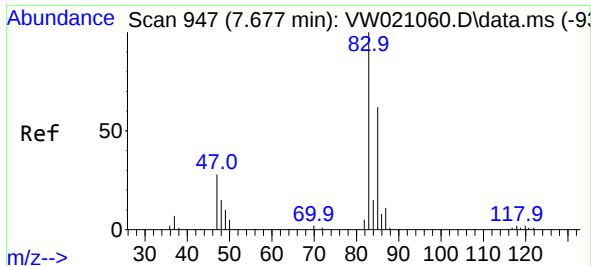
Tgt Ion: 43 Resp: 38098
Ion Ratio Lower Upper
43 100
72 29.5 11.8 35.4



#23
Bromochloromethane
Concen: 49.884 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 128 Resp: 37987
Ion Ratio Lower Upper
128 100
49 135.9 150.3 279.1#
130 135.4 88.3 163.9
51 44.2 55.1 82.7#





#25

Chloroform

Concen: 50.104 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

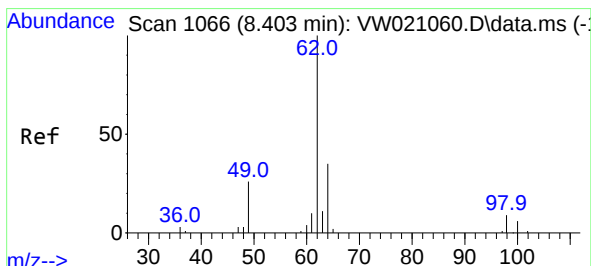
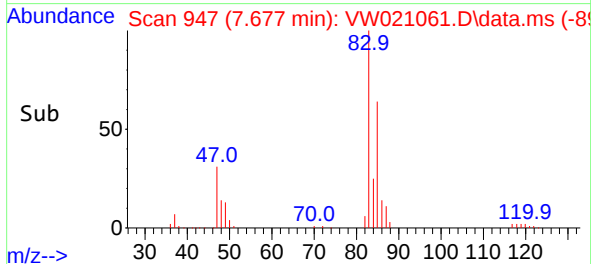
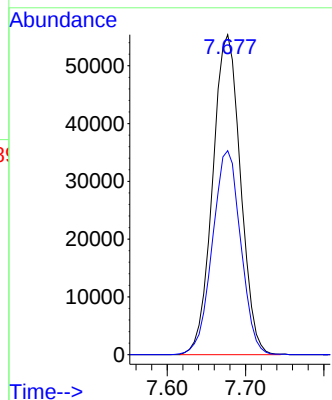
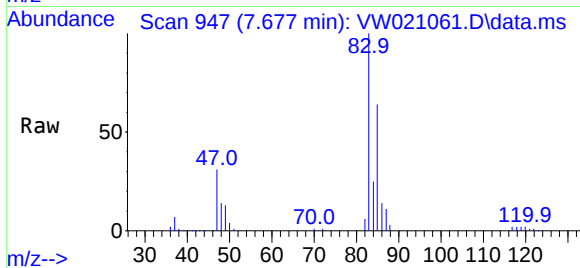
ClientSampleId :

Tgt Ion: 83 Resp: 136815

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 49.312 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021061.D

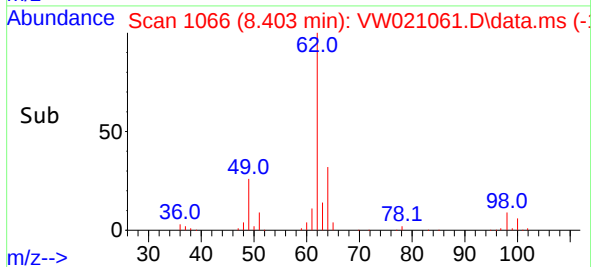
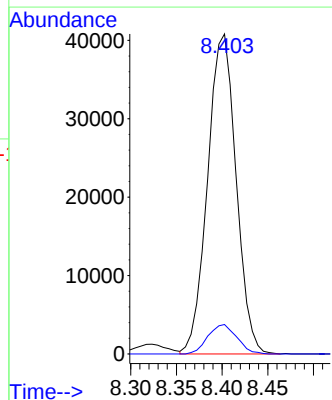
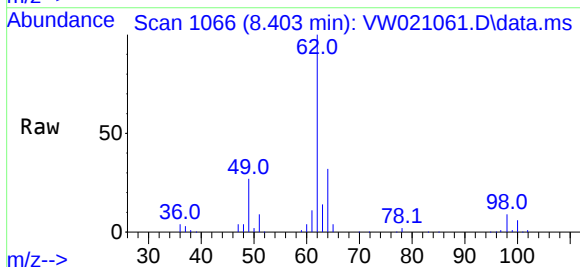
Acq: 03 Dec 2021 12:56

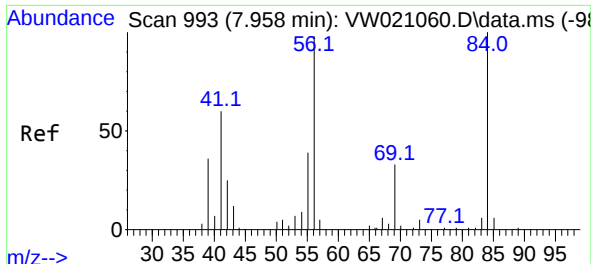
Tgt Ion: 62 Resp: 88622

Ion Ratio Lower Upper

62 100

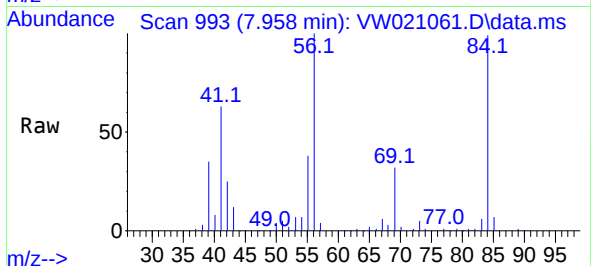
98 9.2 6.5 9.7



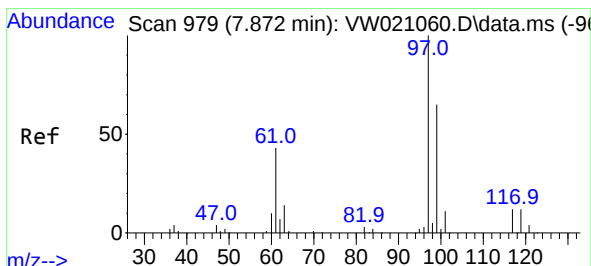
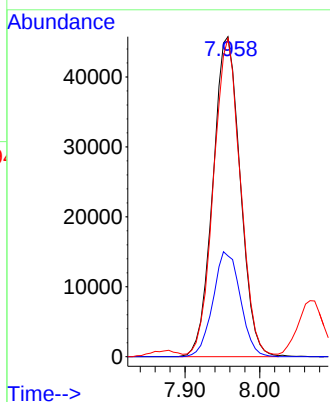
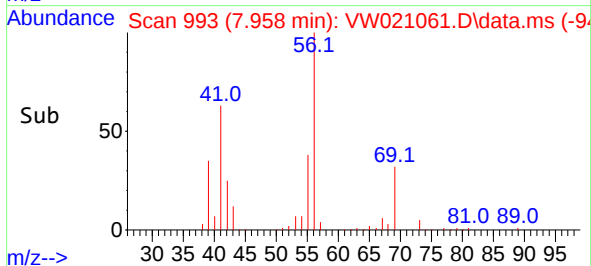


#29
Cyclohexane
Concen: 49.760 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Instrument :
MSVOA_W
ClientSampleId :

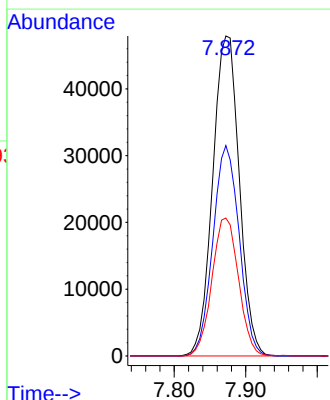
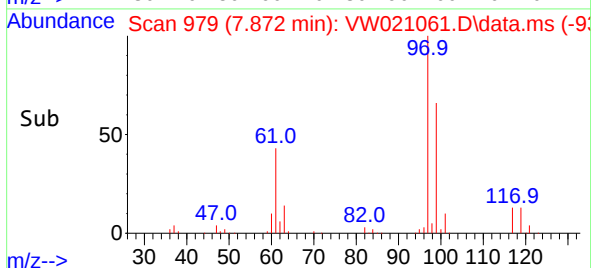
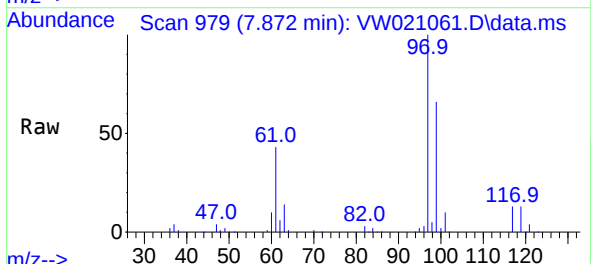


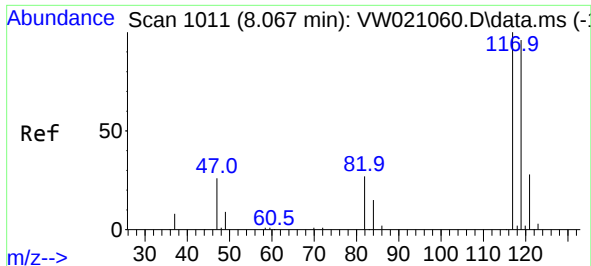
Tgt Ion: 56 Resp: 116482
Ion Ratio Lower Upper
56 100
69 32.8 23.5 35.3
84 97.7 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 49.656 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

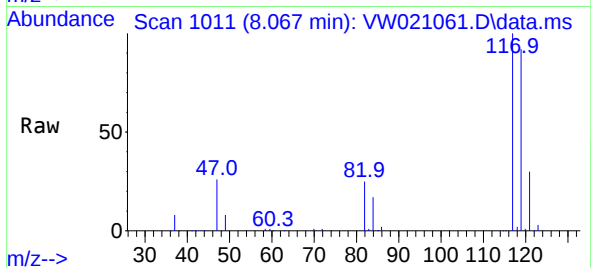
Tgt Ion: 97 Resp: 123764
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 43.2 40.9 61.3



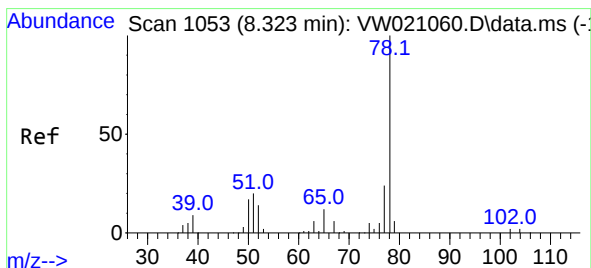
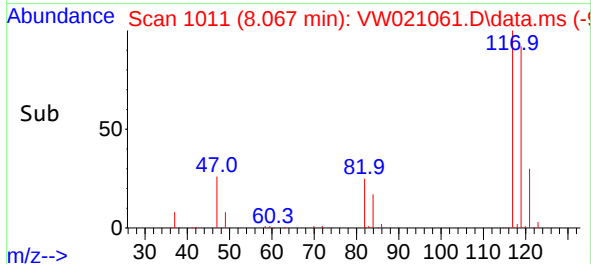
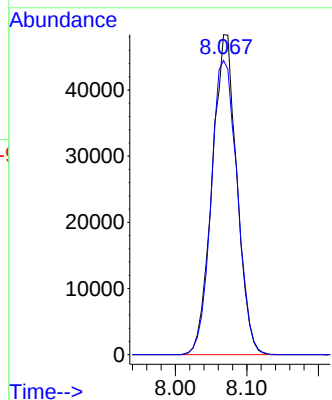


#31
Carbon tetrachloride
Concen: 50.684 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Instrument :
MSVOA_W
ClientSampleId :

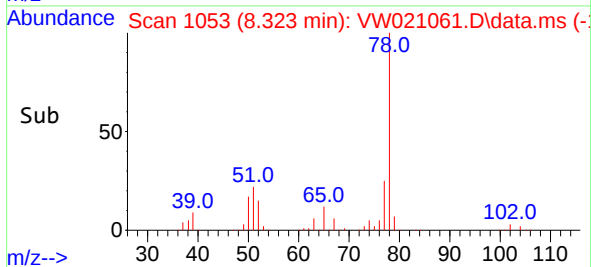
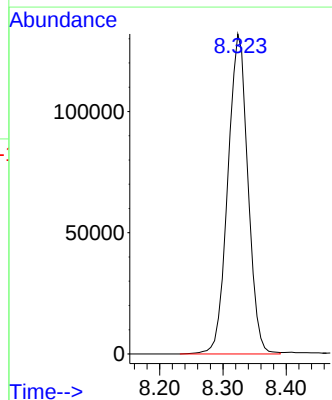
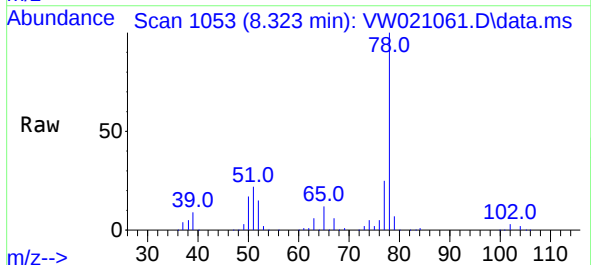


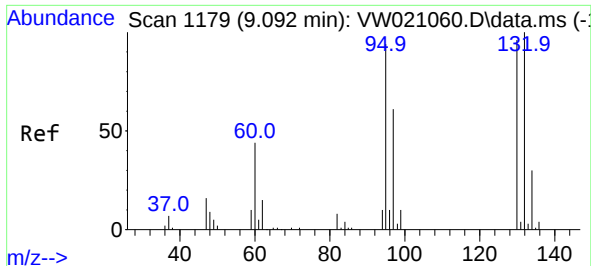
Tgt Ion:117 Resp: 115997
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5



#33
Benzene
Concen: 48.188 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 78 Resp: 290762

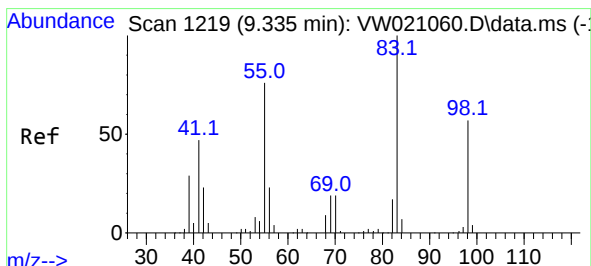
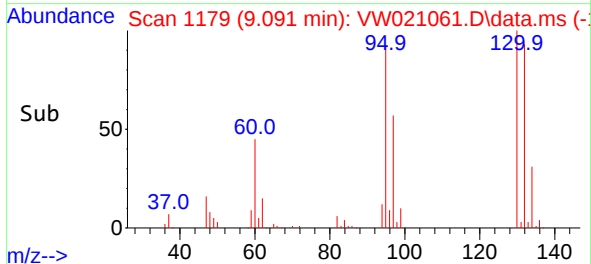
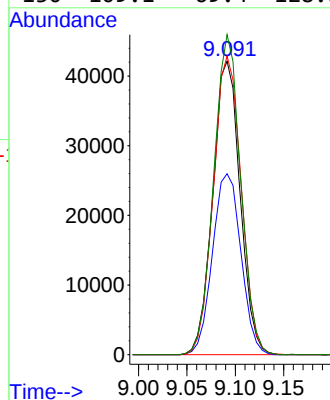
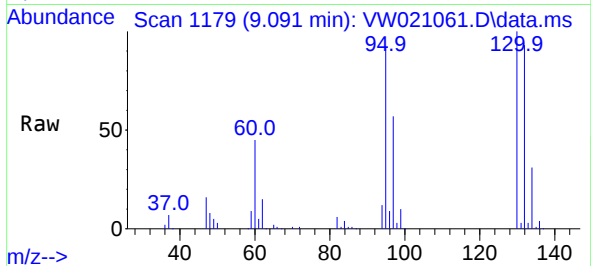




#34
Trichloroethene
Concen: 49.488 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

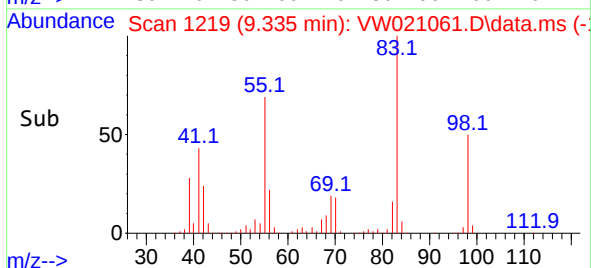
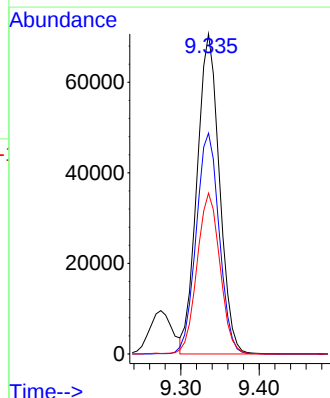
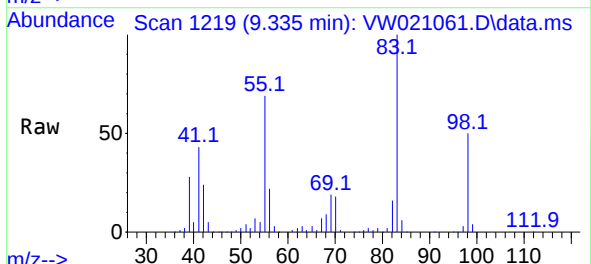
Instrument :
MSVOA_W
ClientSampleId :

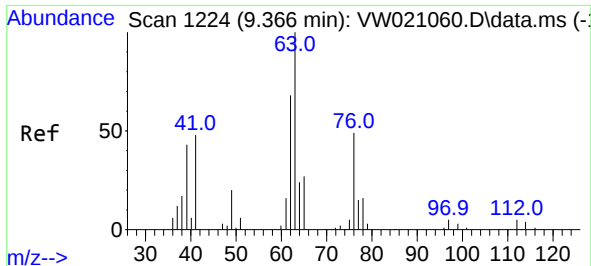
Tgt Ion: 95 Resp: 82647
Ion Ratio Lower Upper
95 100
97 61.7 47.0 87.2
132 101.8 65.5 121.6
130 109.1 69.4 128.8



#35
Methylcyclohexane
Concen: 49.927 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 83 Resp: 140508
Ion Ratio Lower Upper
83 100
55 70.9 70.8 106.2
98 51.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 49.296 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

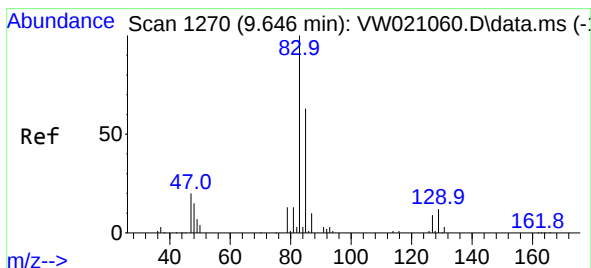
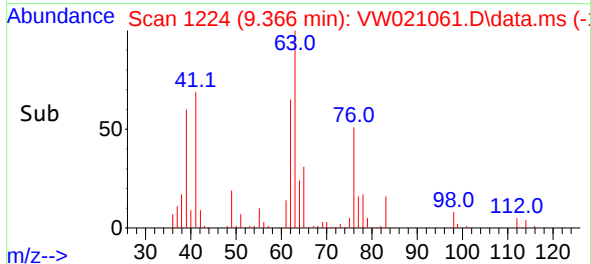
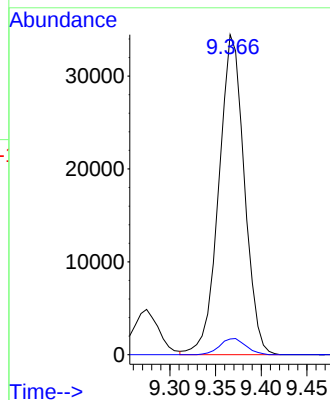
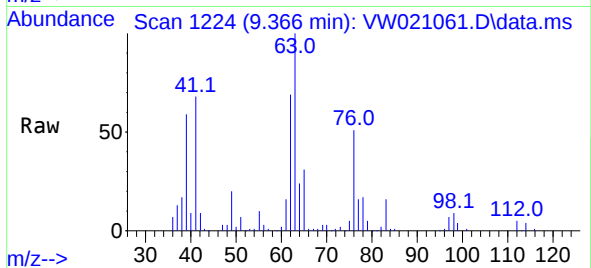
ClientSampleId :

Tgt Ion: 63 Resp: 66957

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 51.890 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

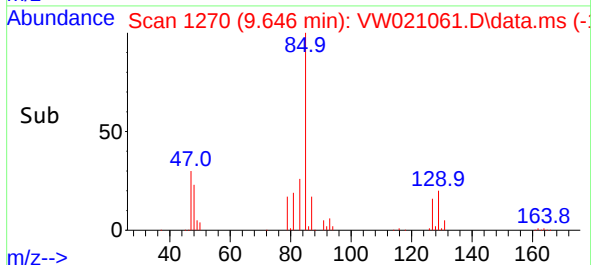
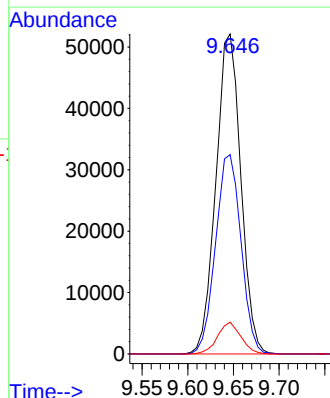
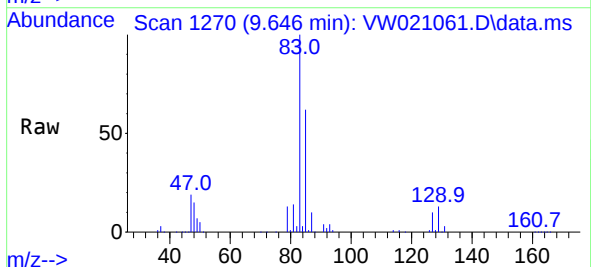
Tgt Ion: 83 Resp: 99024

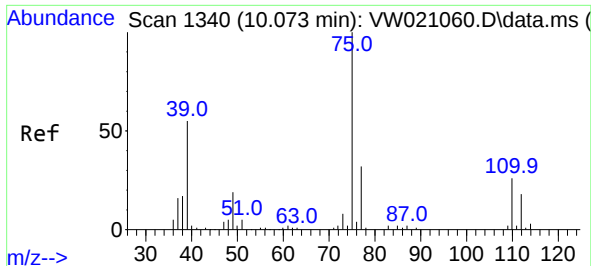
Ion Ratio Lower Upper

83 100

85 62.3 44.1 81.9

127 10.0 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 52.080 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

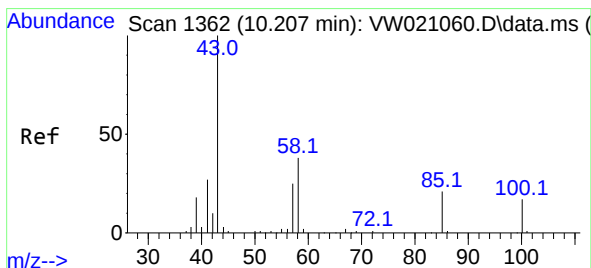
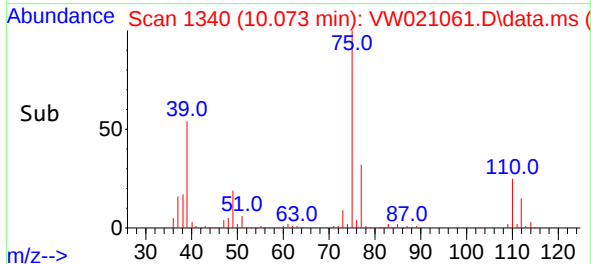
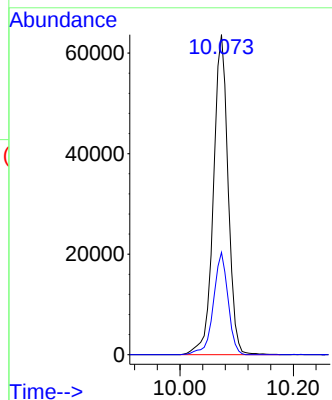
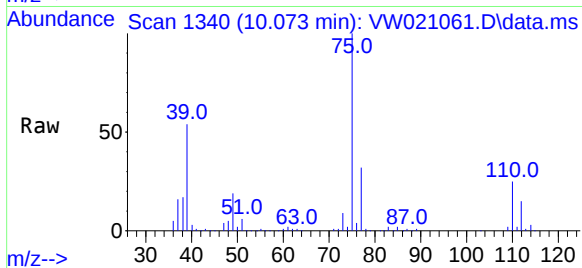
ClientSampleId :

Tgt Ion: 75 Resp: 114248

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 94.573 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

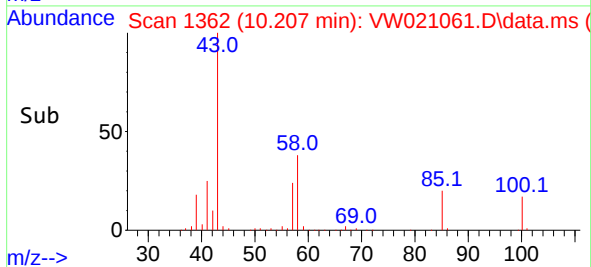
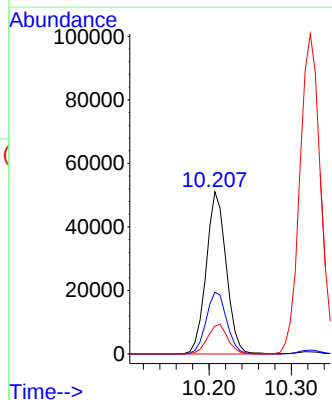
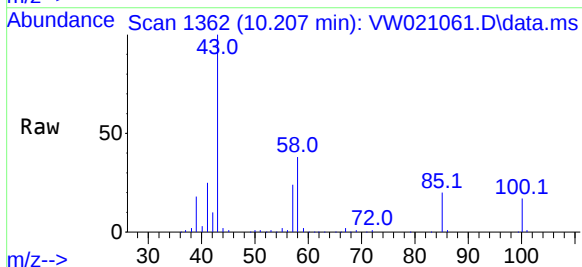
Tgt Ion: 43 Resp: 86462

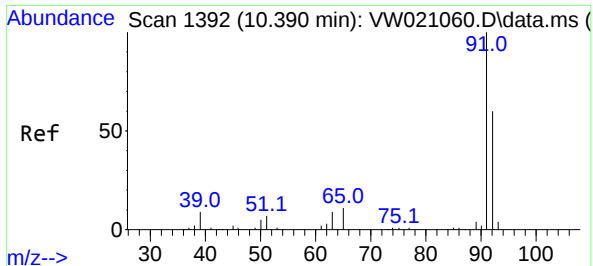
Ion Ratio Lower Upper

43 100

58 39.1 28.8 43.2

100 18.3 10.0 15.0

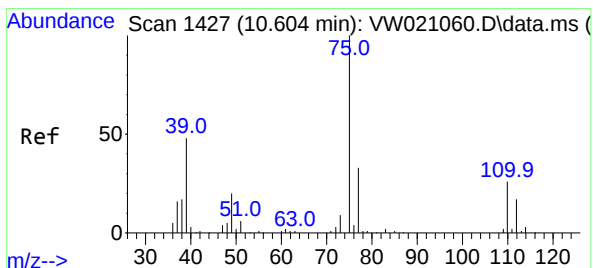
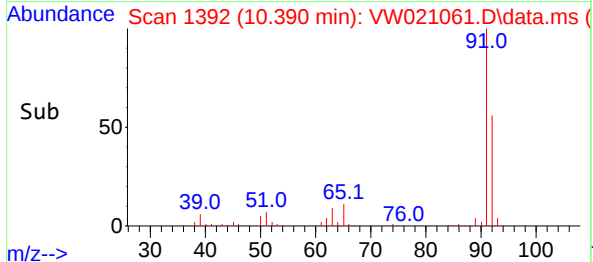
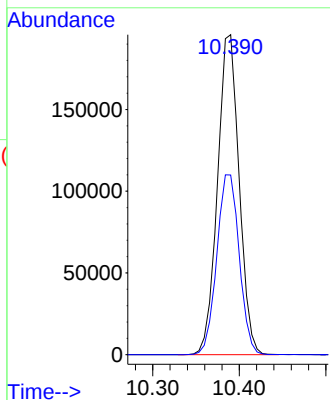
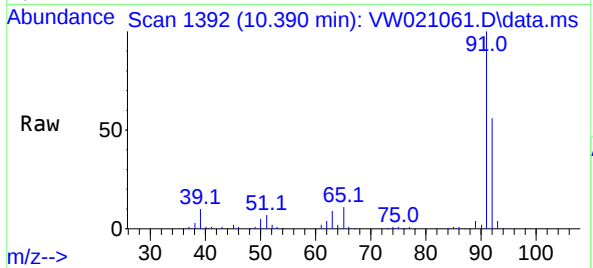




#42
Toluene
Concen: 49.727 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

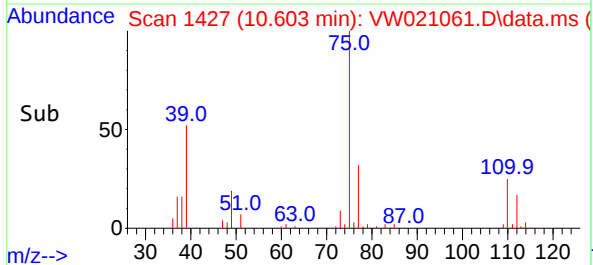
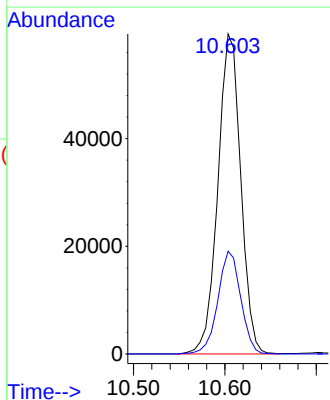
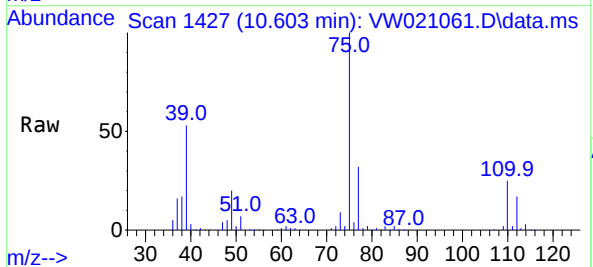
Instrument :
MSVOA_W
ClientSampleId :

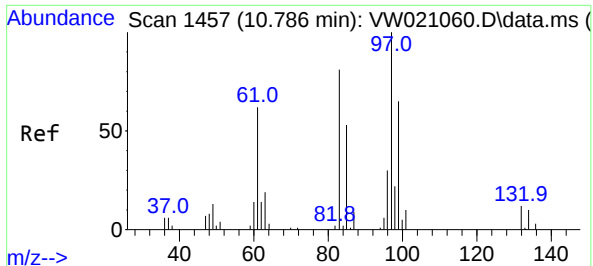
Tgt Ion: 91 Resp: 339438
Ion Ratio Lower Upper
91 100
92 56.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 52.568 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 75 Resp: 103560
Ion Ratio Lower Upper
75 100
77 32.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 48.207 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 55449

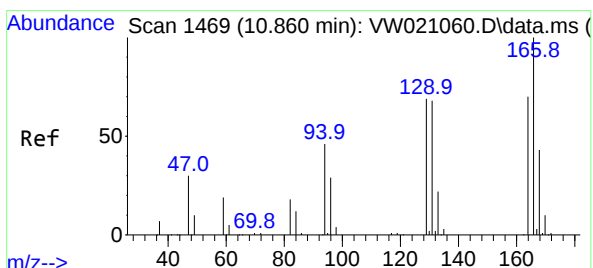
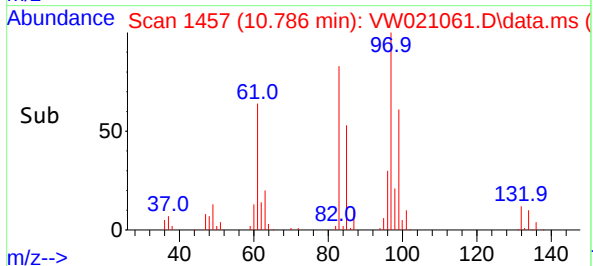
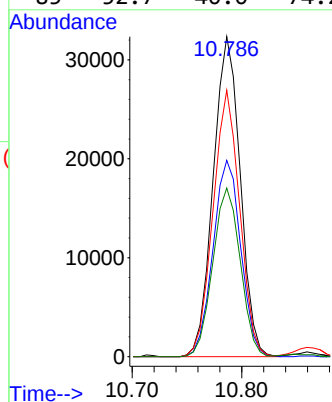
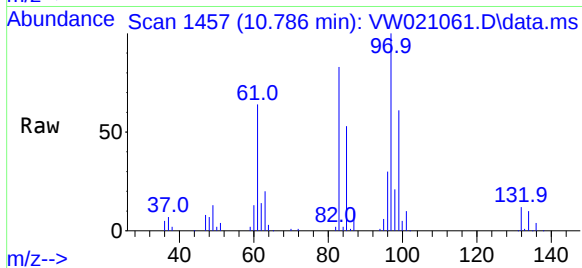
Ion Ratio Lower Upper

97 100

99 61.4 43.0 79.8

83 83.3 62.6 116.3

85 52.7 40.0 74.2



#46

Tetrachloroethene

Concen: 49.085 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Tgt Ion:164 Resp: 75632

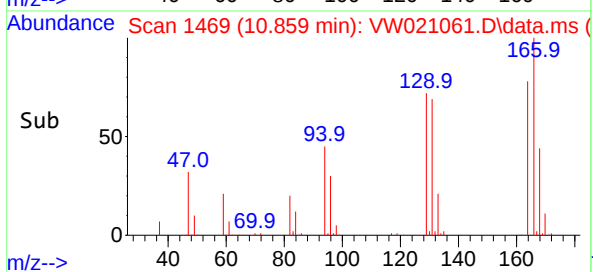
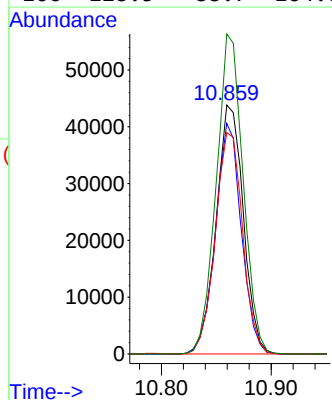
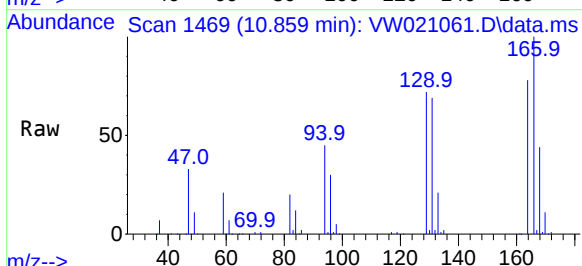
Ion Ratio Lower Upper

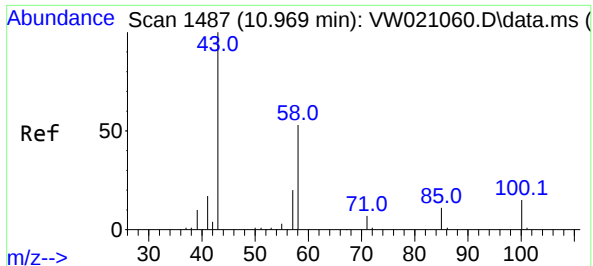
164 100

129 92.6 65.5 121.7

131 88.9 59.7 110.9

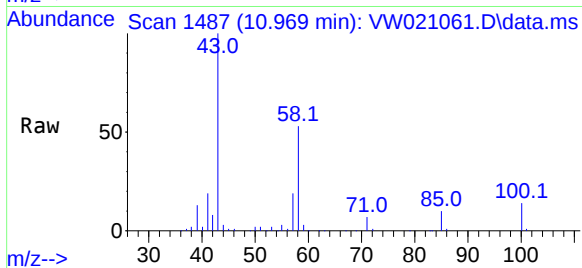
166 128.5 88.7 164.7



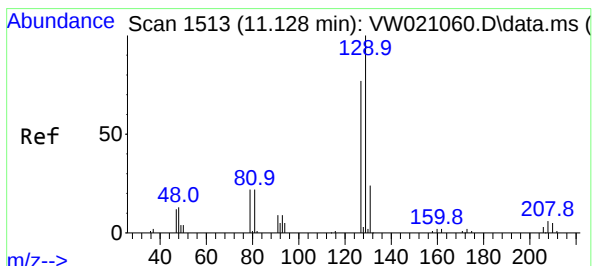
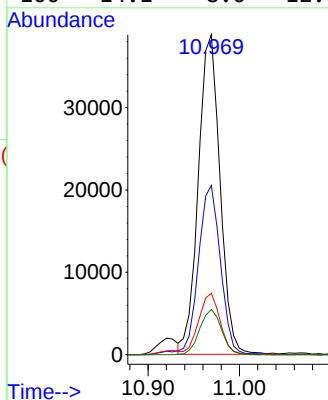
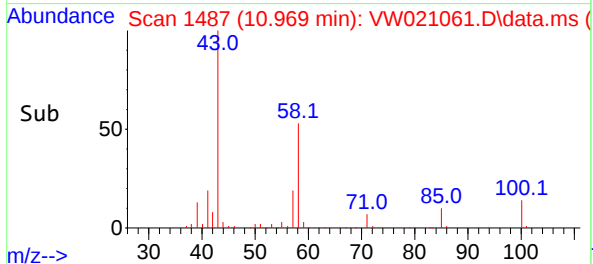


#48
2-Hexanone
Concen: 97.501 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Instrument :
MSVOA_W
ClientSampleId :

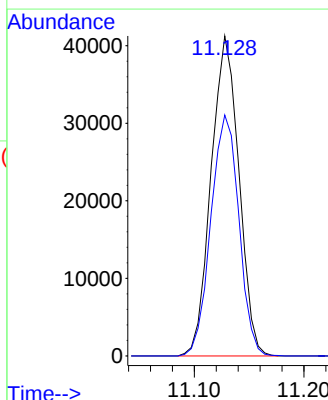
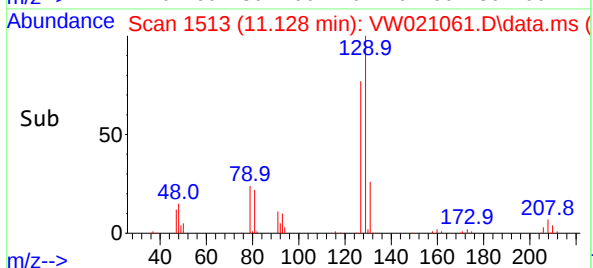
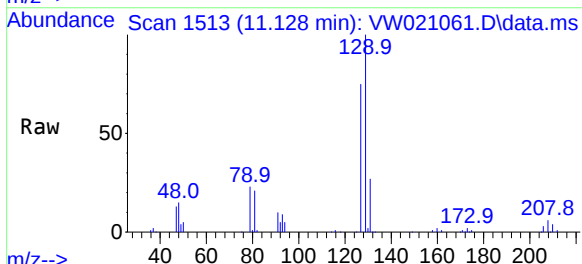


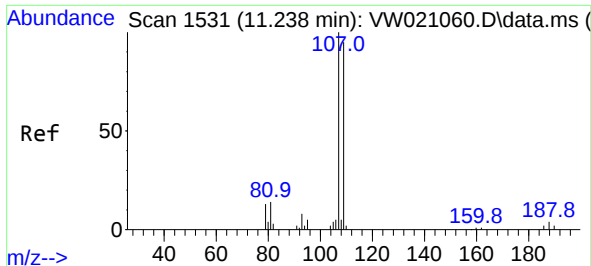
Tgt Ion: 43 Resp: 64240
Ion Ratio Lower Upper
43 100
58 53.4 40.2 60.2
57 18.9 14.3 21.5
100 14.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 51.790 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 129 Resp: 72721
Ion Ratio Lower Upper
129 100
127 75.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 49.492 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021061.D

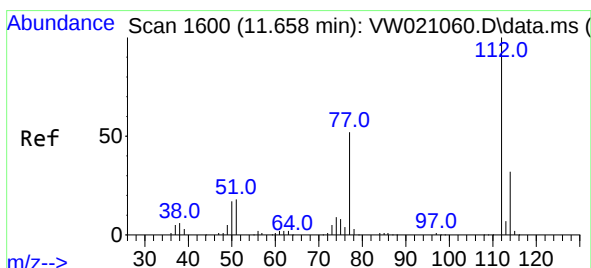
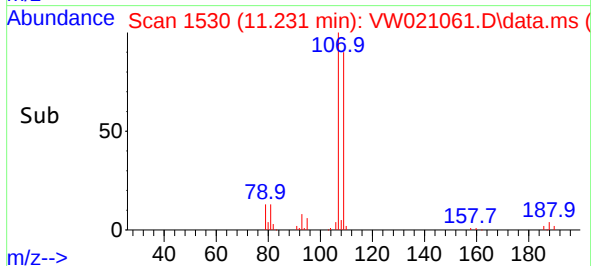
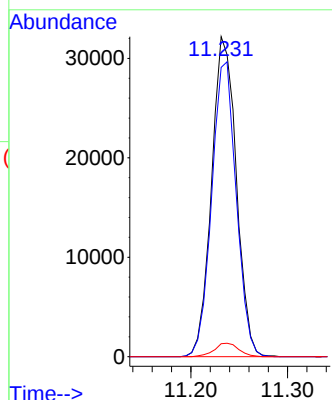
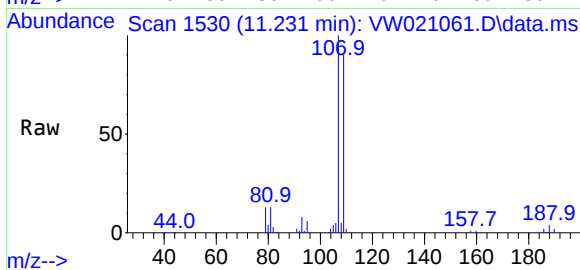
Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	57099
Ion	Ratio	Lower	Upper
107	100		
109	90.4	64.1	119.1
188	4.1	2.6	3.8#



#51

Chlorobenzene

Concen: 48.503 ug/L

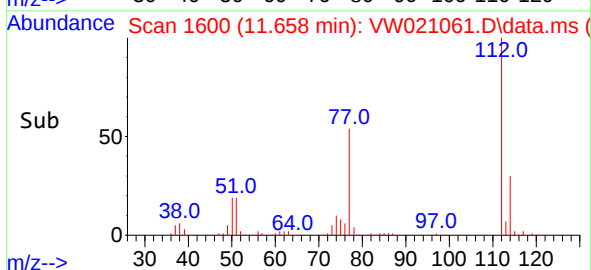
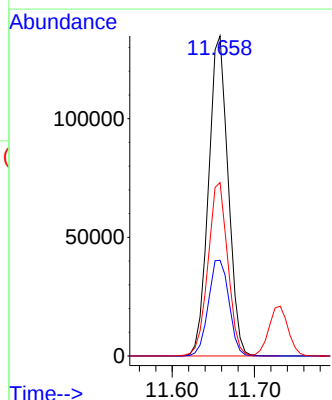
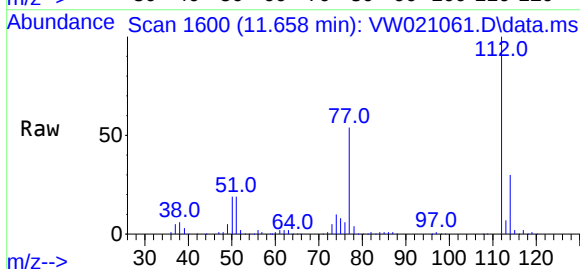
RT: 11.658 min Scan# 1600

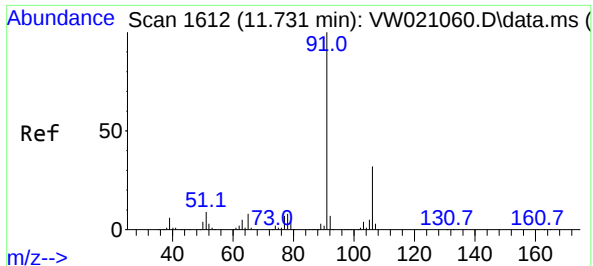
Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Tgt Ion:	112	Resp:	222918
Ion	Ratio	Lower	Upper
112	100		
114	29.9	22.4	41.6
77	54.2	50.2	75.4

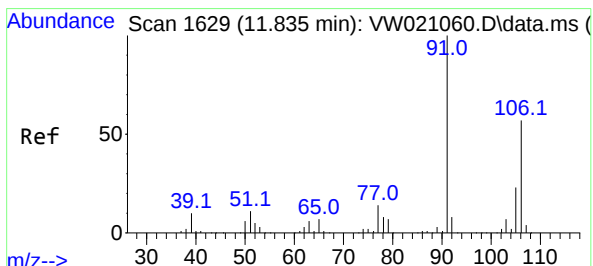
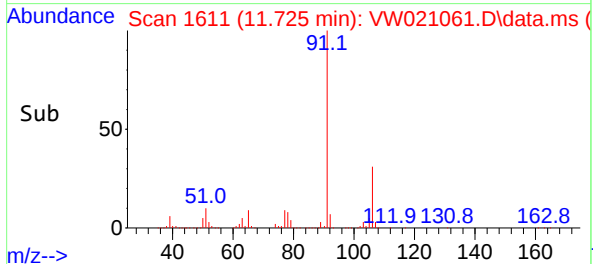
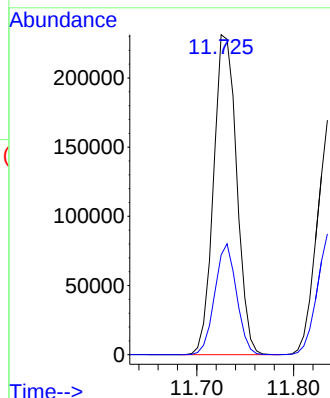
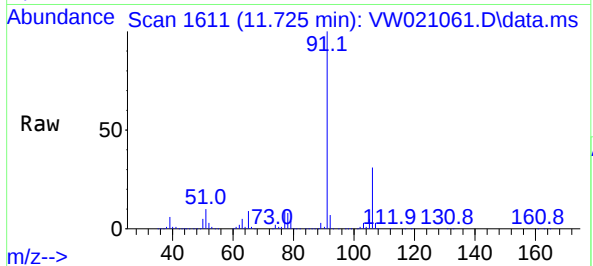




#52
Ethylbenzene
Concen: 49.649 ug/L
RT: 11.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

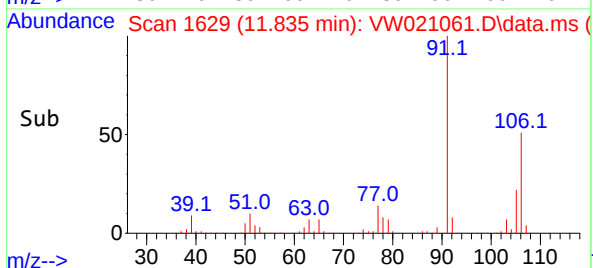
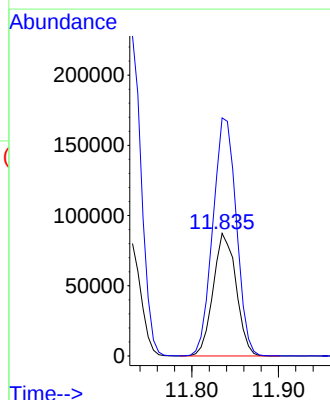
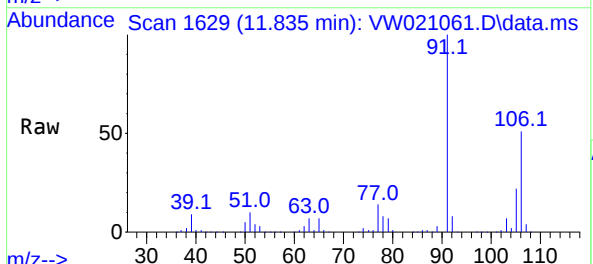
Instrument :
MSVOA_W
ClientSampleId :

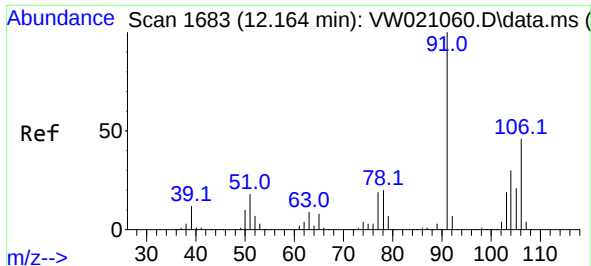
Tgt Ion: 91 Resp: 383921
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 50.017 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion:106 Resp: 160671
Ion Ratio Lower Upper
106 100
91 194.3 149.9 278.3

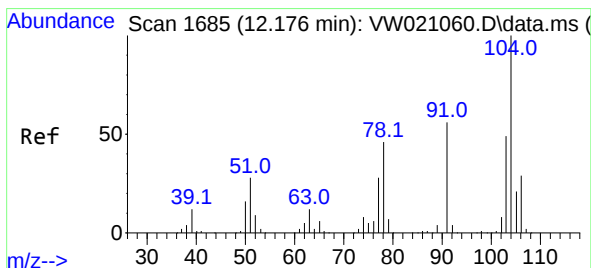
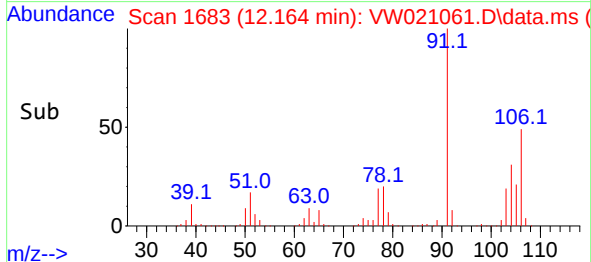
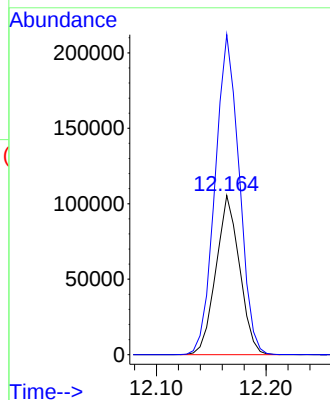
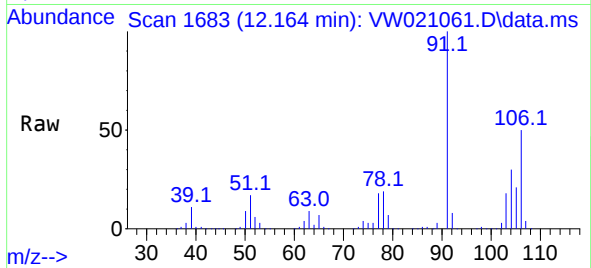




#54
o-Xylene
Concen: 52.869 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

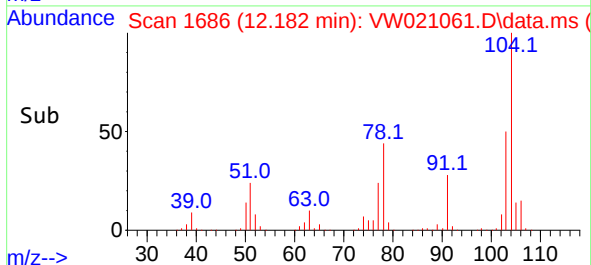
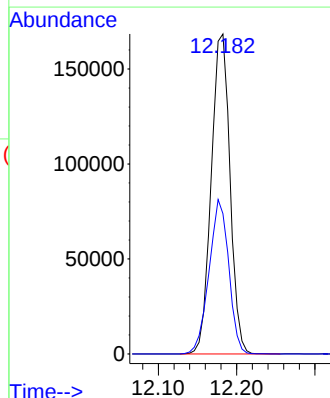
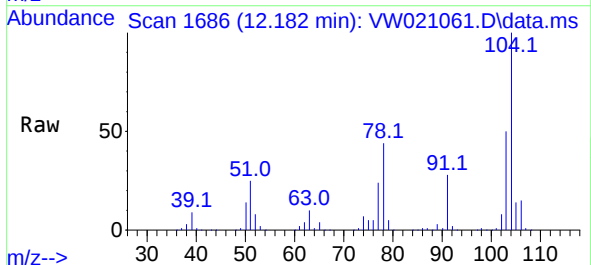
Instrument :
MSVOA_W
ClientSampleId :

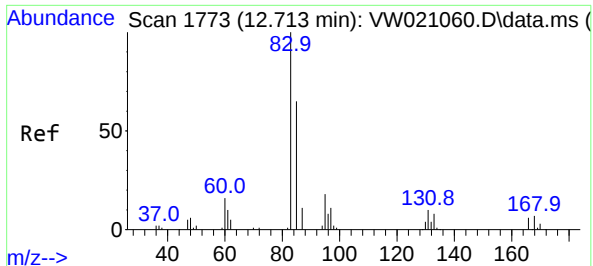
Tgt Ion:106 Resp: 157902
Ion Ratio Lower Upper
106 100
91 200.9 153.6 285.3



#55
Styrene
Concen: 54.564 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion:104 Resp: 280118
Ion Ratio Lower Upper
104 100
78 43.8 34.4 64.0

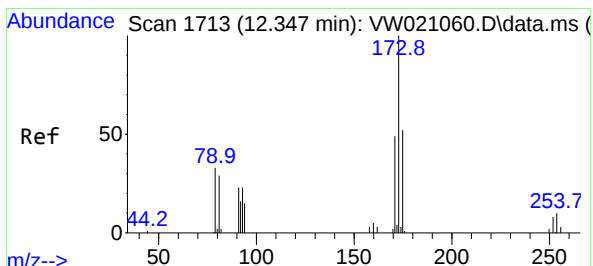
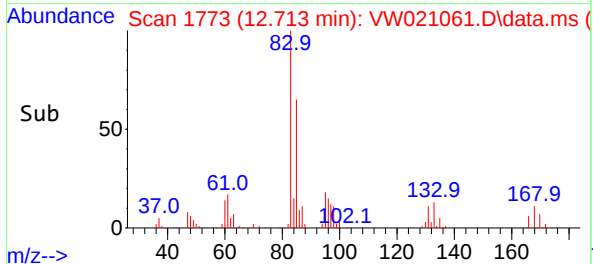
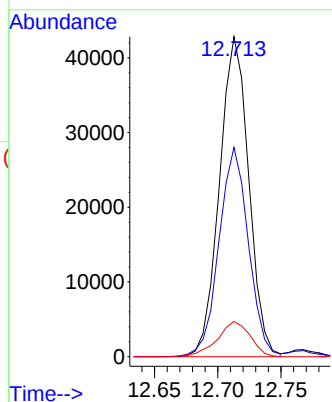
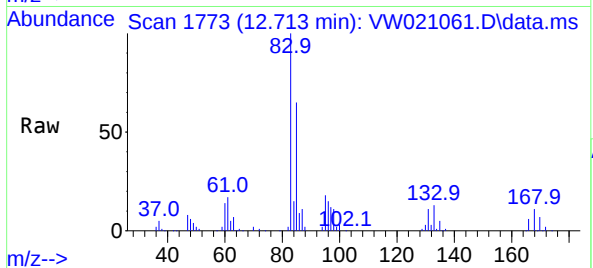




#57
1,1,2,2-Tetrachloroethane
Concen: 50.535 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

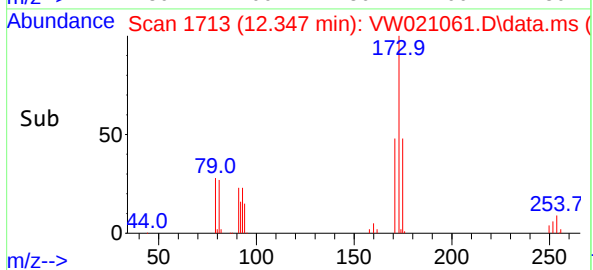
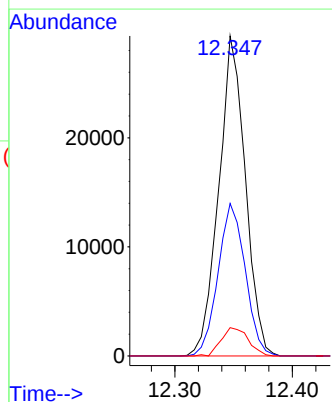
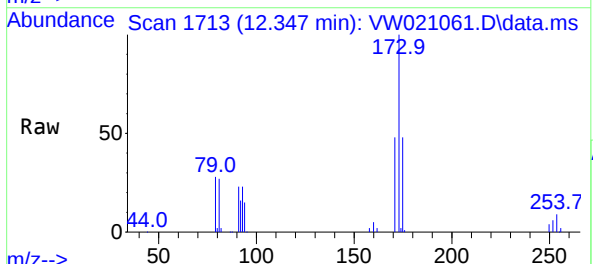
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 68813
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.6
131 11.0 6.9 10.3#

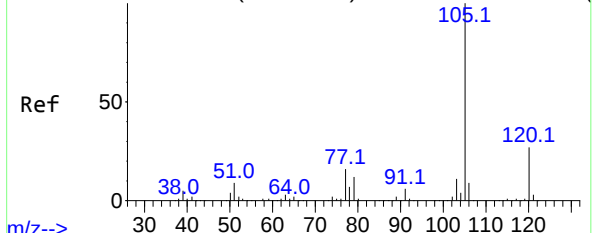


#59
Bromoform
Concen: 52.588 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

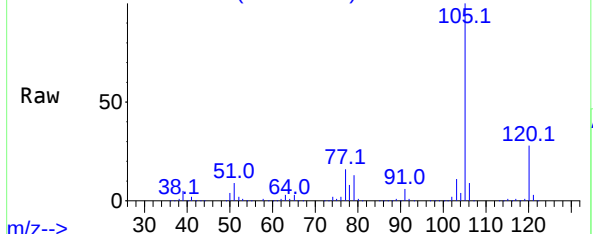
Tgt Ion:173 Resp: 46196
Ion Ratio Lower Upper
173 100
175 48.7 39.6 59.4
254 8.9 7.4 11.0



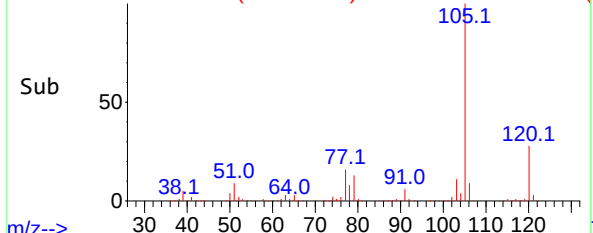
Abundance Scan 1732 (12.463 min): VW021060.D\data.ms (



Abundance Scan 1732 (12.463 min): VW021061.D\data.ms



Abundance Scan 1732 (12.463 min): VW021061.D\data.ms (



#60

Isopropylbenzene

Concen: 51.136 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

ClientSampleId :

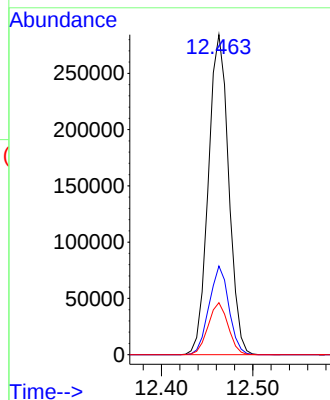
Tgt Ion:105 Resp: 438411

Ion Ratio Lower Upper

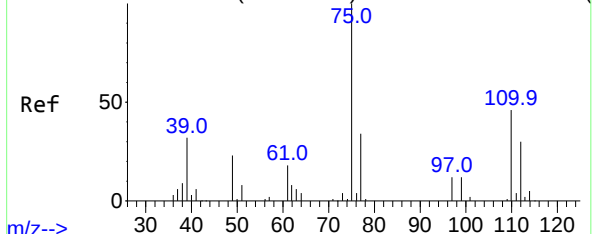
105 100

120 27.0 20.1 30.1

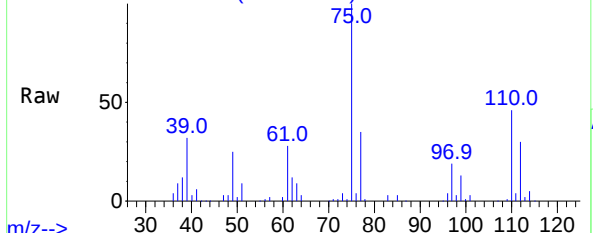
77 16.0 13.8 20.8



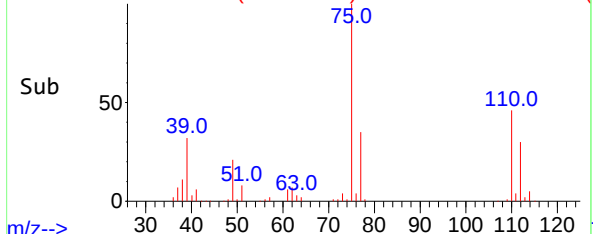
Abundance Scan 1782 (12.768 min): VW021060.D\data.ms (



Abundance Scan 1782 (12.768 min): VW021061.D\data.ms



Abundance Scan 1782 (12.768 min): VW021061.D\data.ms (



#61

1,2,3-Trichloropropane

Concen: 47.421 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

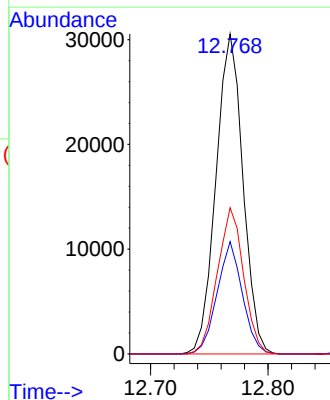
Tgt Ion: 75 Resp: 48776

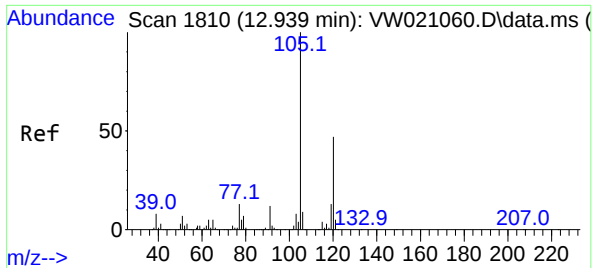
Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.8

110 44.4 29.0 43.4#

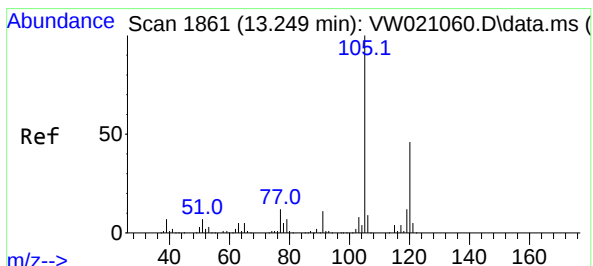
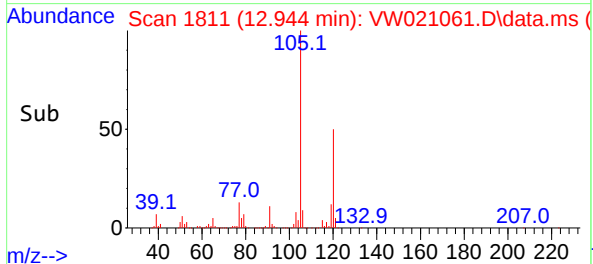
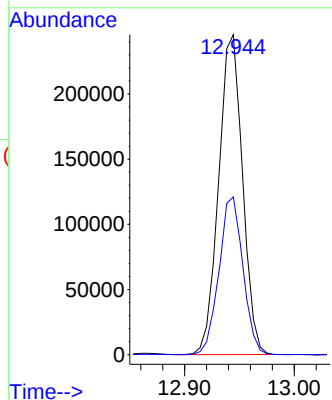
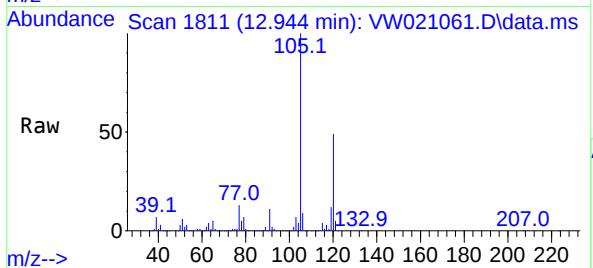




#62
1,3,5-Trimethylbenzene
Concen: 51.734 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

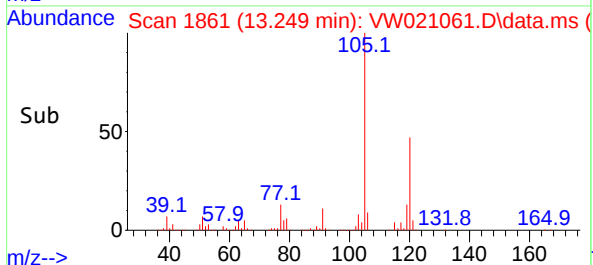
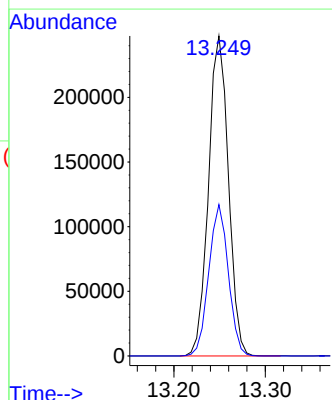
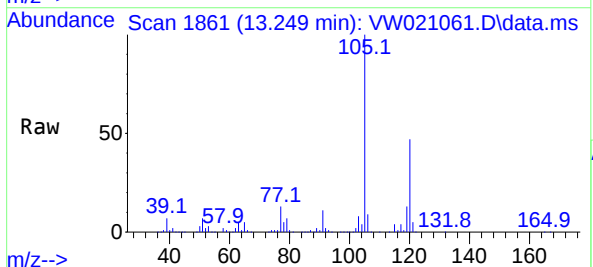
Instrument :
MSVOA_W
ClientSampleId :

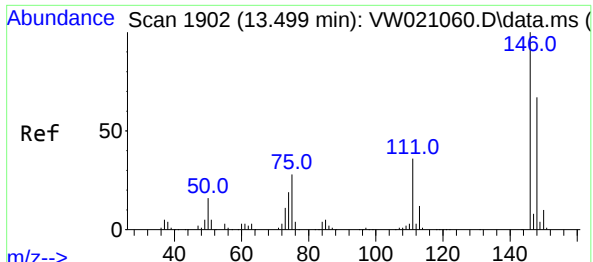
Tgt Ion:105 Resp: 371789
Ion Ratio Lower Upper
105 100
120 49.5 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 51.654 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

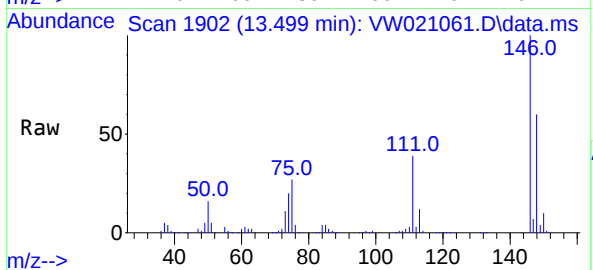
Tgt Ion:105 Resp: 374064
Ion Ratio Lower Upper
105 100
120 46.4 35.0 52.6



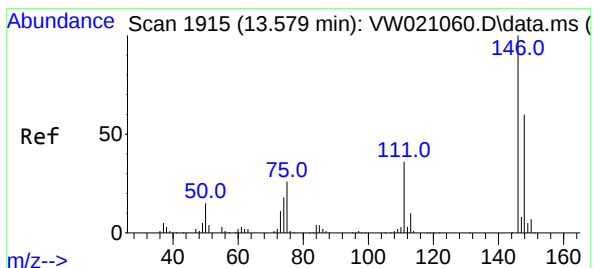
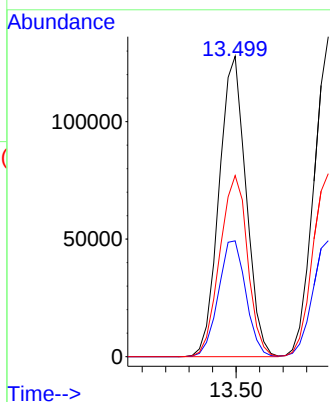
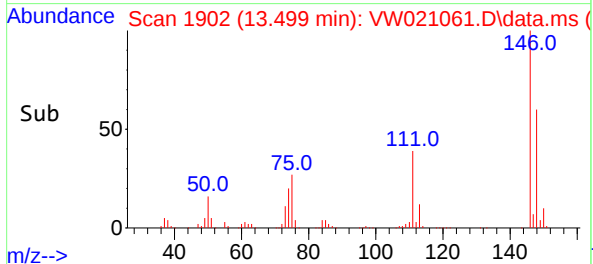


#64
1,3-Dichlorobenzene
Concen: 50.316 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

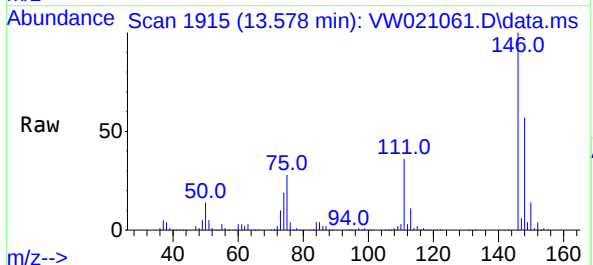
Instrument :
MSVOA_W
ClientSampleId :



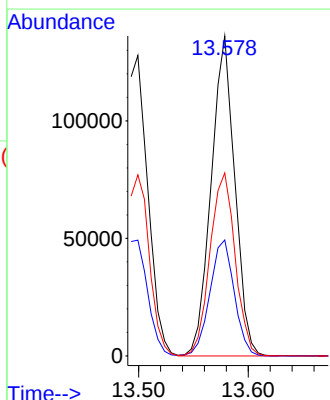
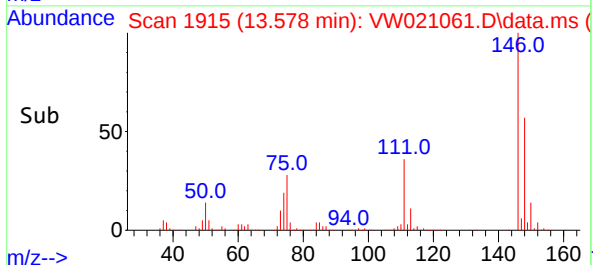
Tgt Ion:146 Resp: 203529
Ion Ratio Lower Upper
146 100
111 38.5 29.8 55.3
148 60.3 46.2 85.8

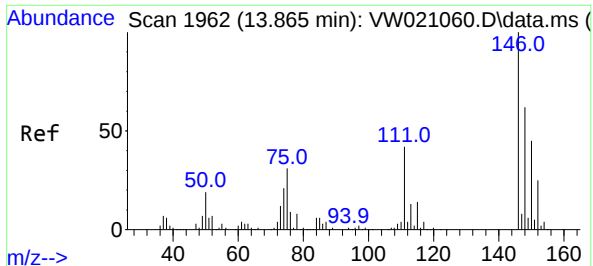


#65
1,4-Dichlorobenzene
Concen: 50.639 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56



Tgt Ion:146 Resp: 204408
Ion Ratio Lower Upper
146 100
111 36.2 29.0 53.9
148 57.2 46.9 87.1

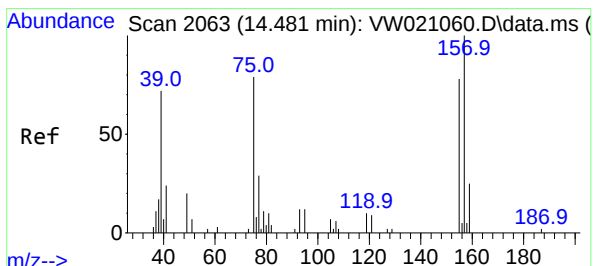
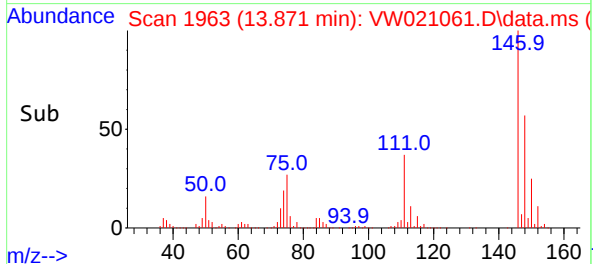
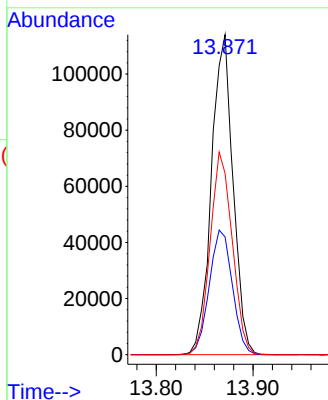
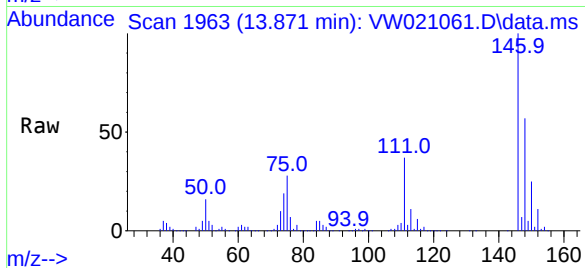




#67
1,2-Dichlorobenzene
Concen: 49.151 ug/L
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

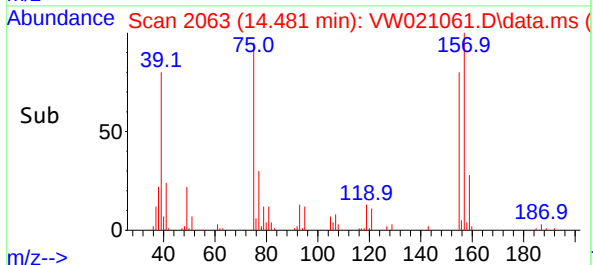
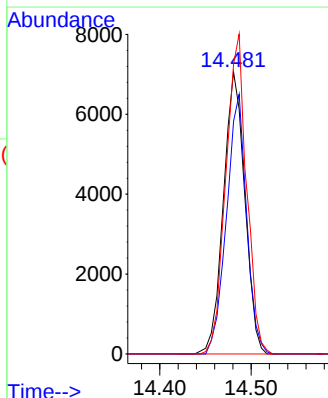
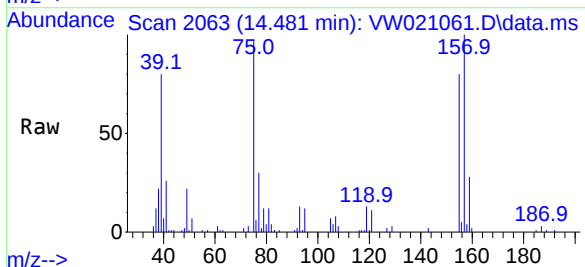
Instrument :
MSVOA_W
ClientSampleId :

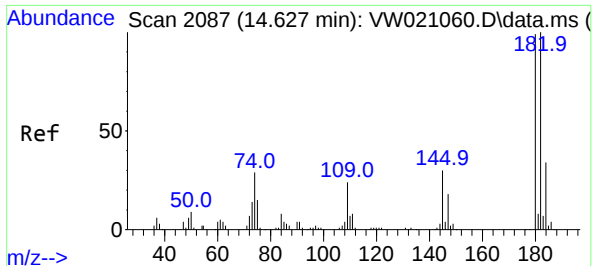
Tgt Ion:146 Resp: 176610
Ion Ratio Lower Upper
146 100
111 36.8 33.1 49.7
148 56.6 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 50.871 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion: 75 Resp: 11455
Ion Ratio Lower Upper
75 100
155 82.5 54.2 81.2#
157 102.8 69.4 104.2





#69

1,3,5-Trichlorobenzene

Concen: 48.415 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

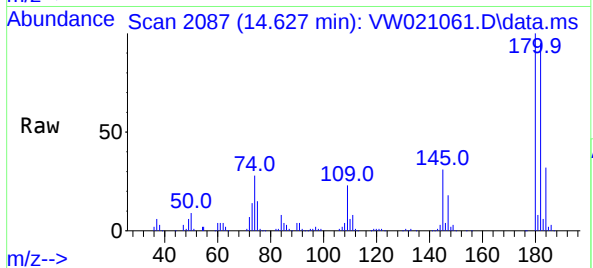
Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 142867

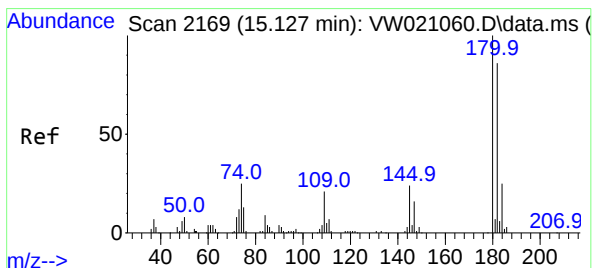
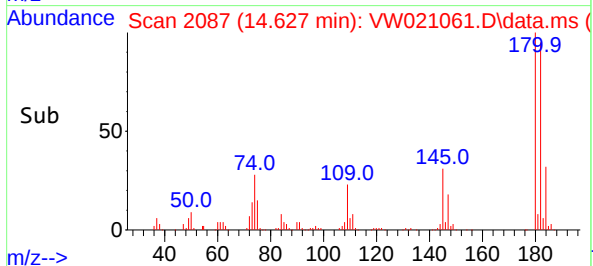
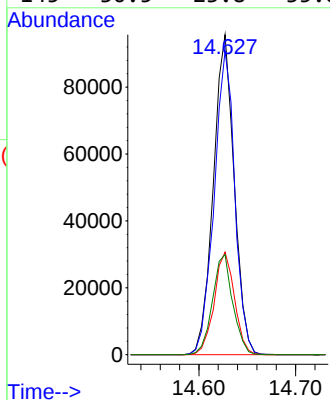
Ion Ratio Lower Upper

180 100

182 94.0 75.4 113.0

184 31.3 23.8 35.8

145 30.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 47.871 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021061.D

Acq: 03 Dec 2021 12:56

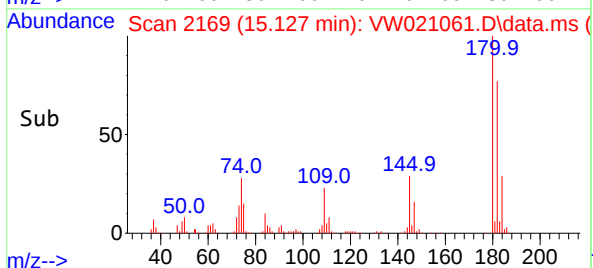
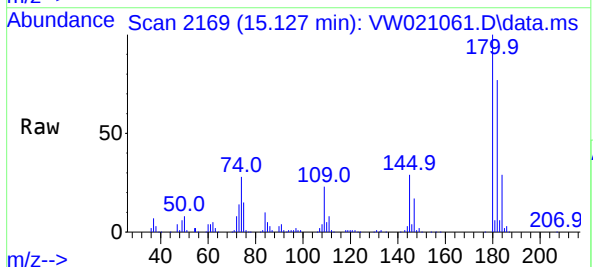
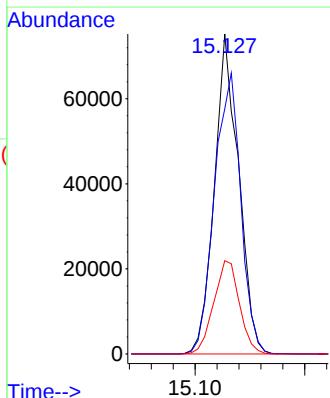
Tgt Ion:180 Resp: 115351

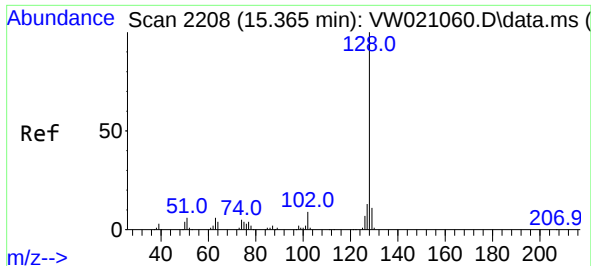
Ion Ratio Lower Upper

180 100

182 95.3 79.0 118.6

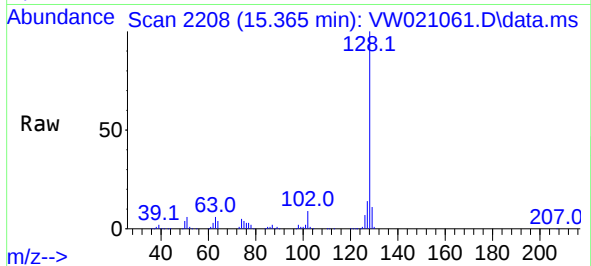
145 30.9 26.0 39.0



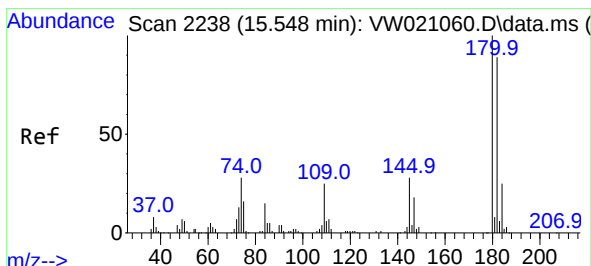
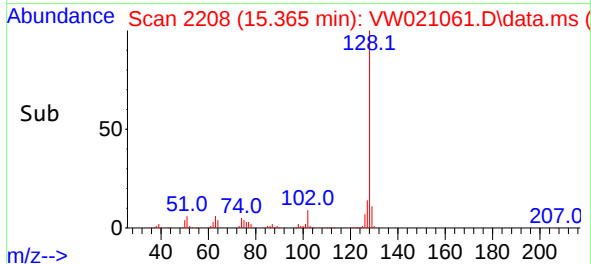
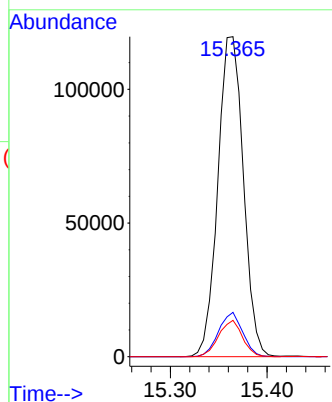


#71
Naphthalene
Concen: 48.452 ug/L
RT: 15.365 min Scan# 2193
Delta R.T. -0.000 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 219352
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 44.787 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021061.D
Acq: 03 Dec 2021 12:56

Tgt Ion:180 Resp: 95263
Ion Ratio Lower Upper
180 100
182 100.4 76.6 114.8
145 33.2 27.4 41.0

