

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021241.D
 Acq On : 09 Dec 2021 12:22
 Operator : SY/VA
 Sample : VSTD00532
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 15:09:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 15:08:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	104116	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	96413	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54279	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	8362	5.373	ug/L	0.00
7) Chloroethane-d5	2.879	69	5703	5.499	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	11902	5.084	ug/L	0.00
21) 2-Butanone-d5	7.104	46	2352	7.375	ug/L	0.02
24) Chloroform-d	7.653	84	13878	5.293	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	7441	5.301	ug/L	0.00
32) Benzene-d6	8.281	84	25861	5.262	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	7210	5.363	ug/L	0.00
41) Toluene-d8	10.323	98	25721	5.110	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	2827	4.570	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	1925	7.823	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	5797	4.665	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	10131	5.218	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	1575	3.320	ug/L	96
3) Chloromethane	2.209	50	7249	6.239	ug/L	98
5) Vinyl chloride	2.355	62	11135	5.680	ug/L	97
6) Bromomethane	2.776	94	7274	5.498	ug/L	100
8) Chloroethane	2.916	64	4707	5.562	ug/L	92
9) Trichlorofluoromethane	3.251	101	5738	5.908	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	7257	5.002	ug/L	88
12) 1,1-Dichloroethene	4.044	96	6329	4.729	ug/L	70
13) Acetone	4.166	43	1742	6.040	ug/L	66
14) Carbon disulfide	4.385	76	15344	4.313	ug/L	98
15) Methyl Acetate	4.678	43	788	1.555	ug/L	# 29
16) Methylene chloride	4.915	84	10020	6.308	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	6796	4.837	ug/L	76
18) Methyl tert-butyl Ether	5.434	73	9812	4.754	ug/L	94
19) 1,1-Dichloroethane	6.208	63	4926	2.224	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	7015	4.737	ug/L	82
22) 2-Butanone	7.196	43	3010	7.538	ug/L	98
23) Bromochloromethane	7.519	128	3527	5.111	ug/L	# 56
25) Chloroform	7.677	83	12299	4.957	ug/L	98
27) 1,2-Dichloroethane	8.403	62	7746	4.781	ug/L	99
29) Cyclohexane	7.958	56	9466	4.627	ug/L	# 78
30) 1,1,1-Trichloroethane	7.872	97	10769	4.877	ug/L	95
31) Carbon tetrachloride	8.073	117	9678	4.806	ug/L	99
33) Benzene	8.329	78	26422	4.955	ug/L	100
34) Trichloroethene	9.092	95	7782	5.288	ug/L	93
35) Methylcyclohexane	9.335	83	12277	4.934	ug/L	# 85
37) 1,2-Dichloropropane	9.372	63	5883	4.941	ug/L	# 94
38) Bromodichloromethane	9.646	83	7560	4.516	ug/L	# 97
39) cis-1,3-Dichloropropene	10.073	75	8591	4.465	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	6278	8.083	ug/L	# 92
42) Toluene	10.390	91	30260	4.961	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	7108	4.157	ug/L	100

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

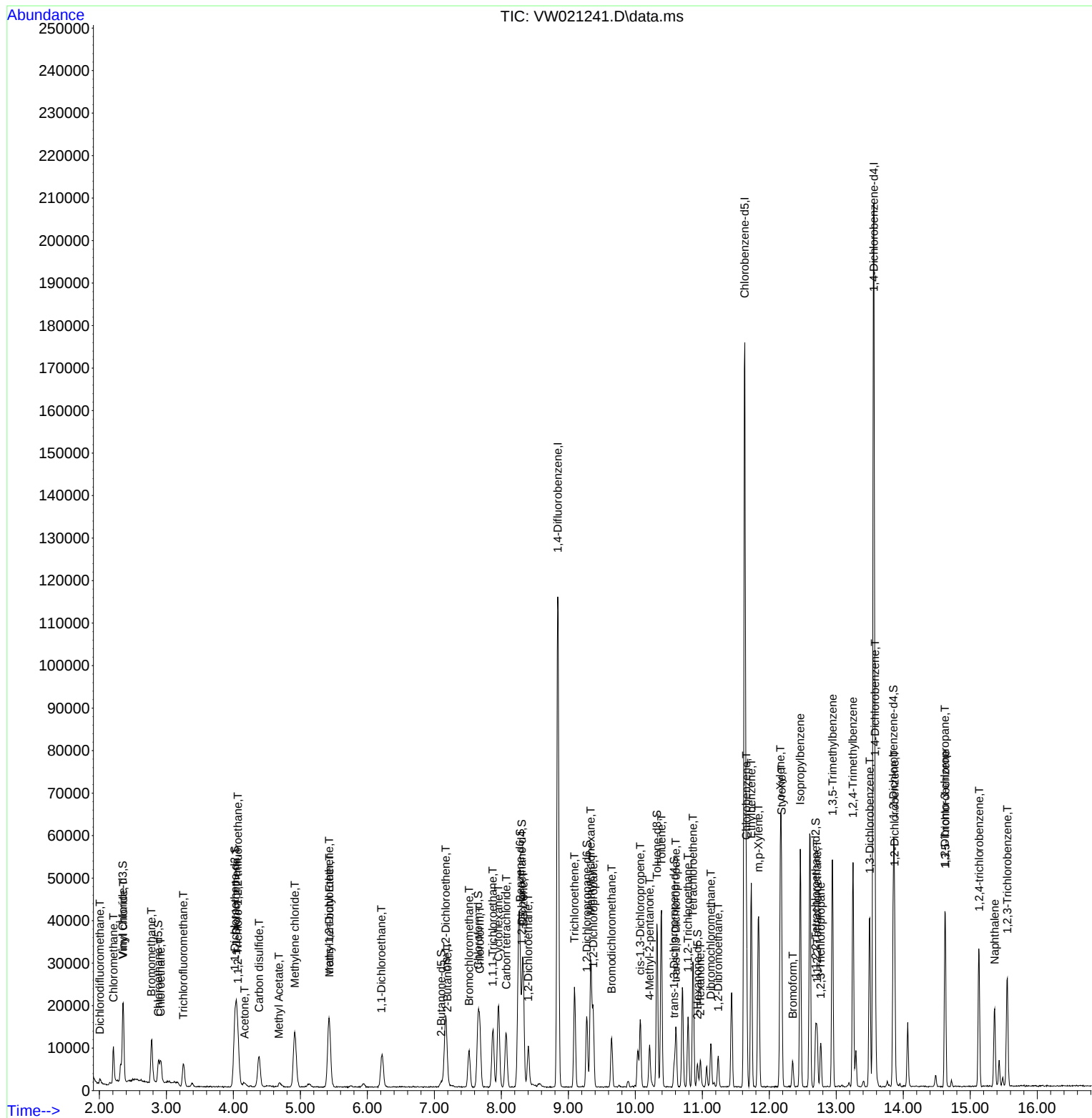
45) 1,1,2-Trichloroethane	10.786	97	4877	4.837	ug/L	96
46) Tetrachloroethene	10.860	164	7127	5.139	ug/L	88
48) 2-Hexanone	10.969	43	4239	7.560	ug/L #	96
49) Dibromochloromethane	11.128	129	5331	4.322	ug/L	92
50) 1,2-Dibromoethane	11.238	107	4887	4.851	ug/L	98
51) Chlorobenzene	11.658	112	20544	5.006	ug/L	88
52) Ethylbenzene	11.731	91	32995	4.725	ug/L	97
53) m,p-Xylene	11.841	106	13275	4.600	ug/L	88
54) o-Xylene	12.164	106	12490	4.602	ug/L	89
55) Styrene	12.182	104	20664	4.448	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	5532	4.627	ug/L #	90
59) Bromoform	12.353	173	2595	3.638	ug/L #	90
60) Isopropylbenzene	12.463	105	34371	4.687	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	3907	4.580	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	29215	4.733	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	28146	4.546	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	17139	4.980	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	16739	4.904	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	14764	4.821	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.621	75	2178	11.863	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.627	180	13300	5.237	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	10347	5.163	ug/L	98
71) Naphthalene	15.365	128	15943	4.287	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	8748	4.919	ug/L	94

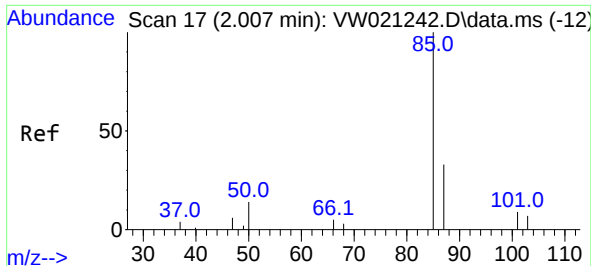
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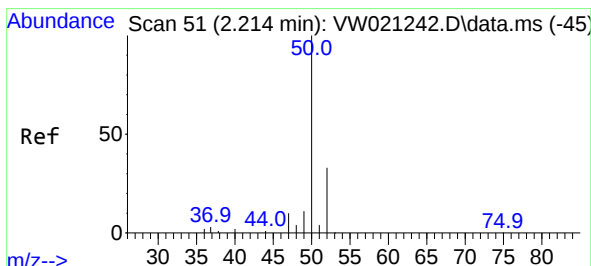
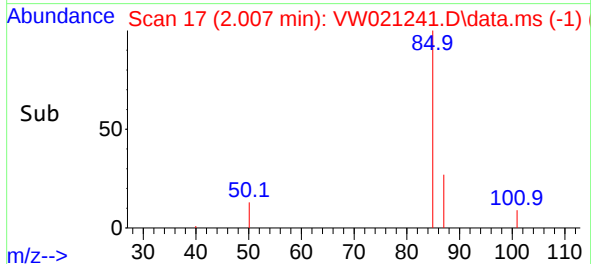
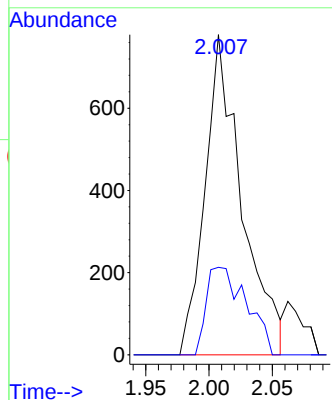
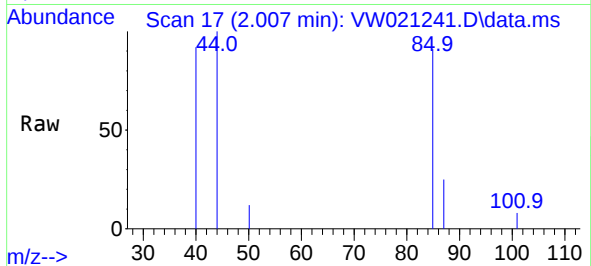




#2
Dichlorodifluoromethane
Concen: 3.320 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

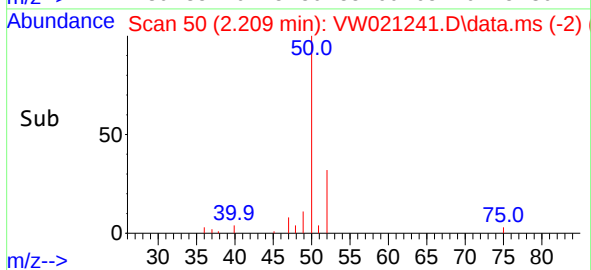
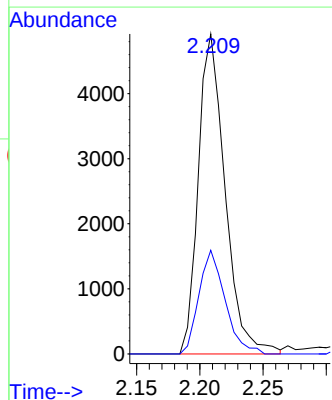
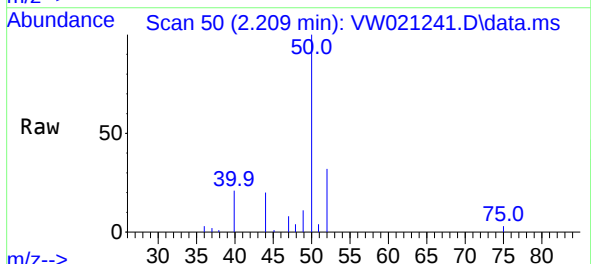
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MSVOA_W
ClientSampleId :

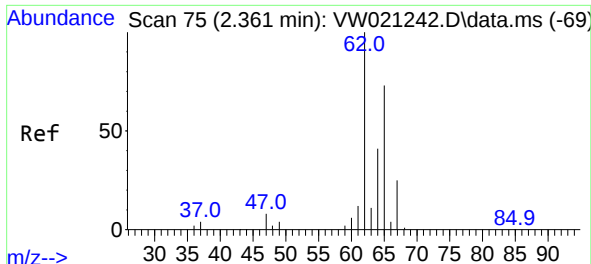
Tgt Ion: 85 Resp: 1575
Ion Ratio Lower Upper
85 100
87 29.8 25.8 38.6



#3
Chloromethane
Concen: 6.239 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

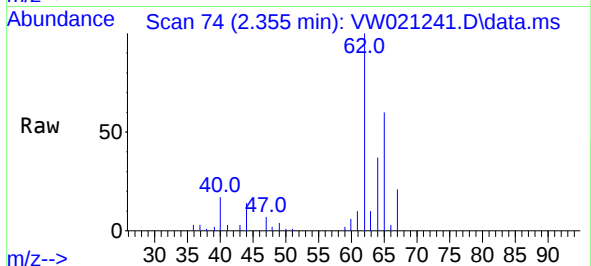
Tgt Ion: 50 Resp: 7249
Ion Ratio Lower Upper
50 100
52 32.4 23.4 43.6



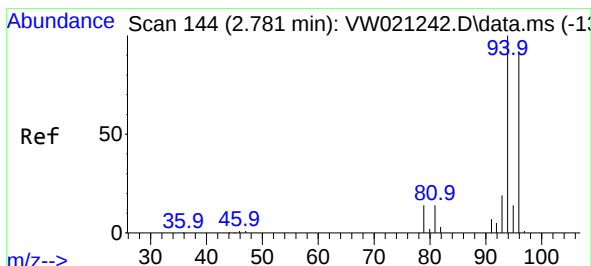
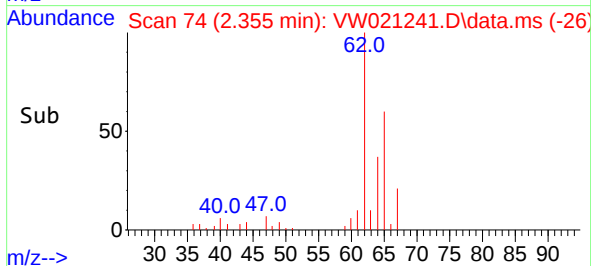
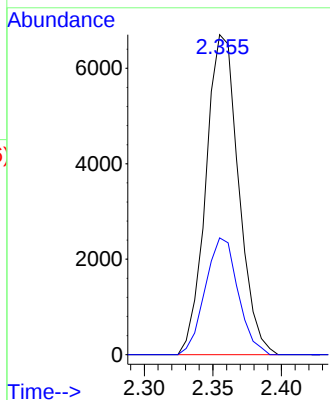


#5
 Vinyl chloride
 Concen: 5.680 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021241.D
 Acq: 09 Dec 2021 12:22

Instrument :
 MSVOA_W
 ClientSampleId :

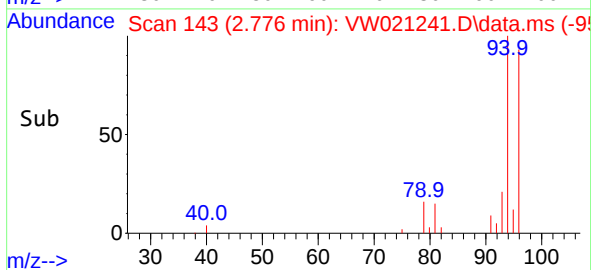
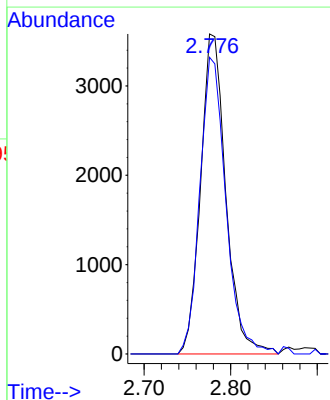
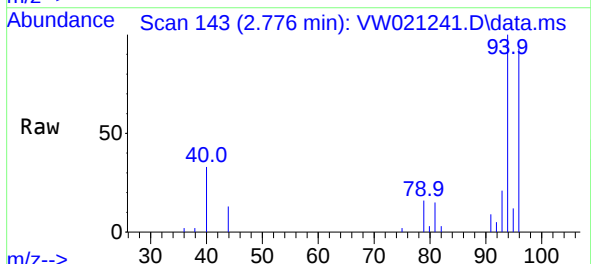


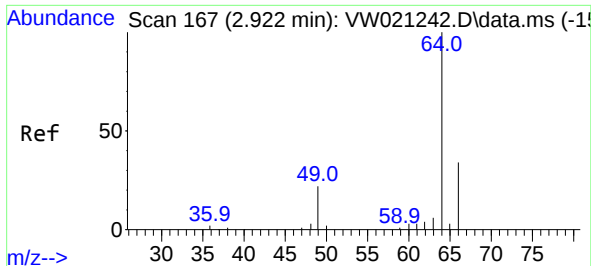
Tgt Ion: 62 Resp: 11135
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.4 45.2



#6
 Bromomethane
 Concen: 5.498 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021241.D
 Acq: 09 Dec 2021 12:22

Tgt Ion: 94 Resp: 7274
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.8 120.4

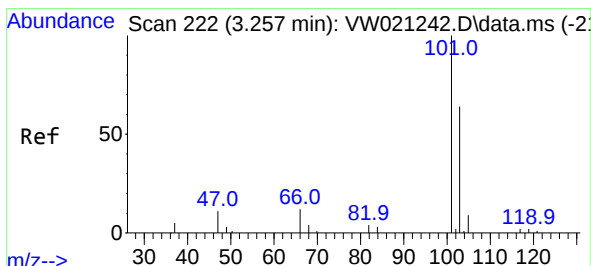
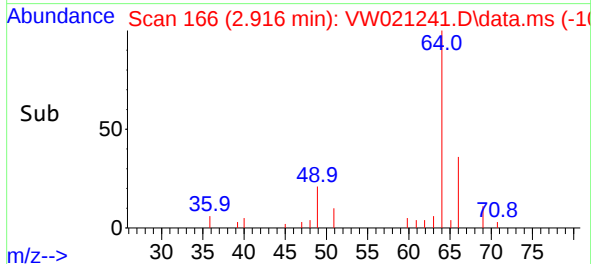
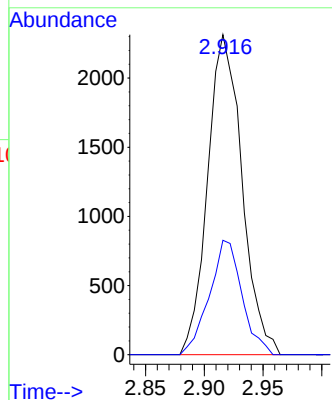
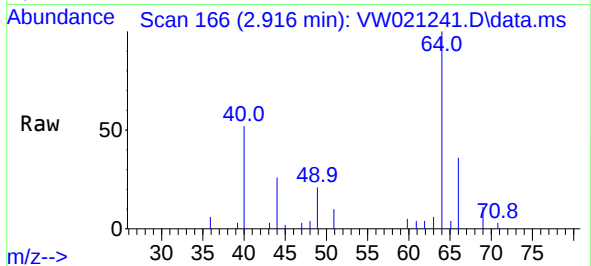




#8
Chloroethane
Concen: 5.562 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

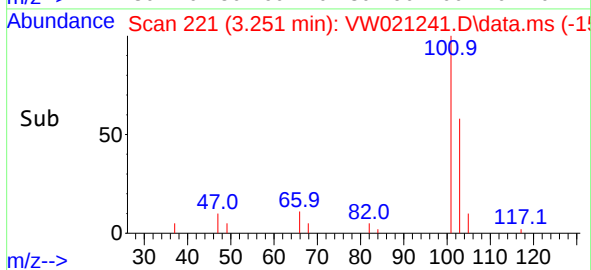
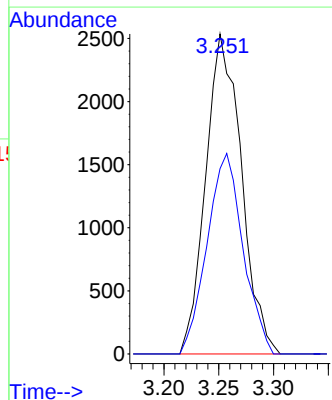
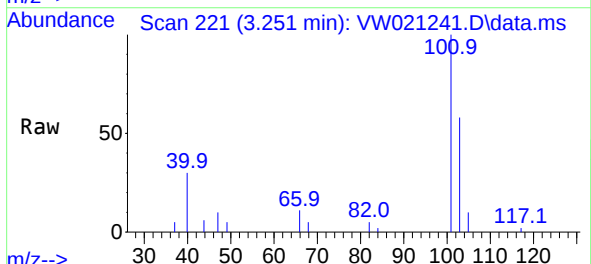
Instrument :
MSVOA_W
ClientSampleId :

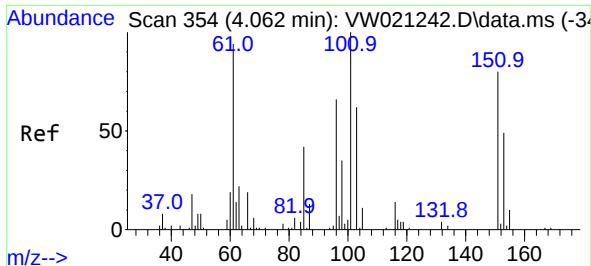
Tgt Ion: 64 Resp: 4707
Ion Ratio Lower Upper
64 100
66 35.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.908 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 101 Resp: 5738
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

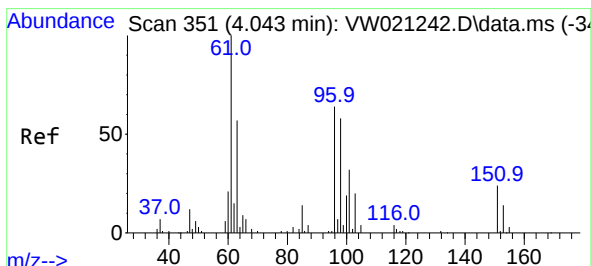
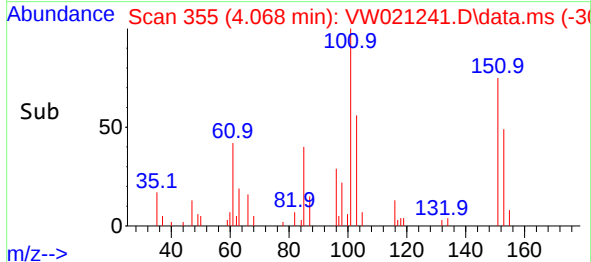
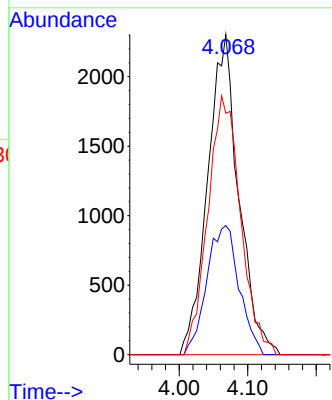
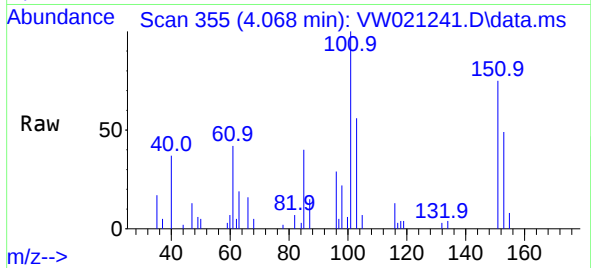




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.002 ug/L
RT: 4.068 min Scan# 310
Delta R.T. 0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

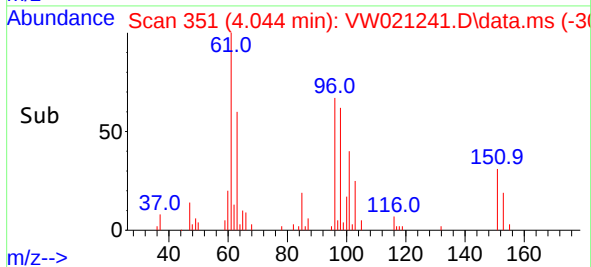
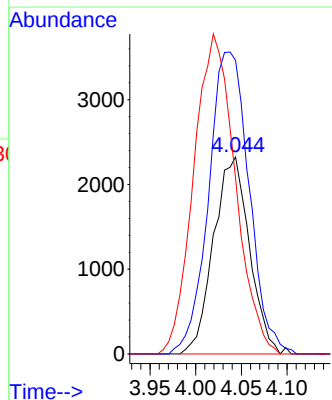
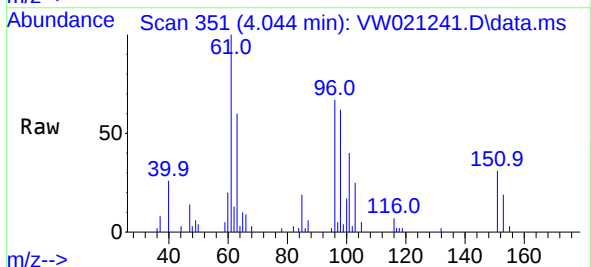
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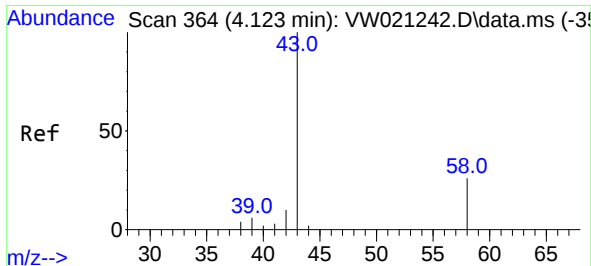
Tgt Ion:101 Resp: 7257
Ion Ratio Lower Upper
101 100
85 42.1 36.6 54.8
151 84.6 57.4 86.0



#12
1,1-Dichloroethene
Concen: 4.729 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 96 Resp: 6329
Ion Ratio Lower Upper
96 100
61 149.0 138.3 256.9
63 89.2 82.6 153.4





#13

Acetone

Concen: 6.040 ug/L

RT: 4.166 min Scan# 371

Delta R.T. 0.043 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

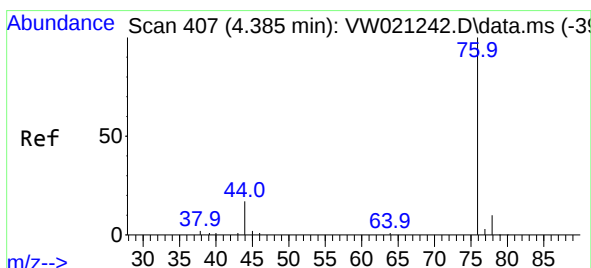
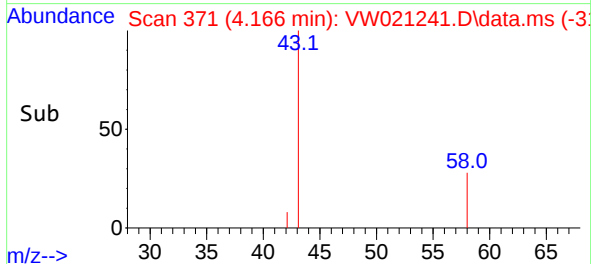
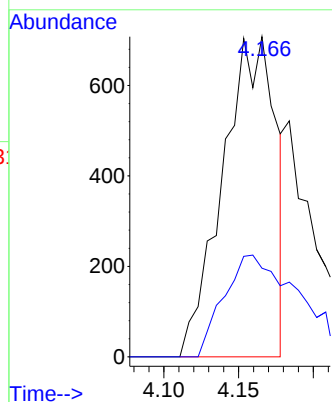
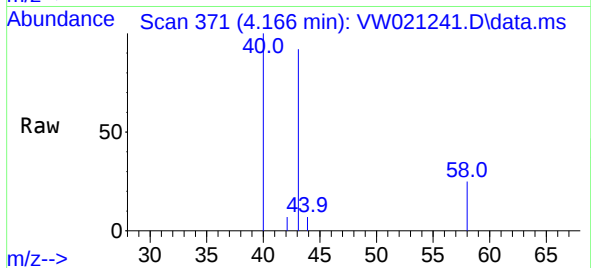
ClientSampleId :

Tgt Ion: 43 Resp: 1742

Ion Ratio Lower Upper

43 100

58 43.7 0.0 52.8



#14

Carbon disulfide

Concen: 4.313 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021241.D

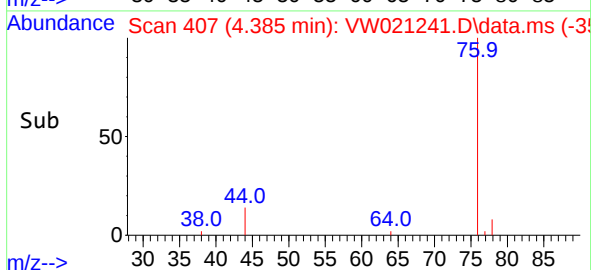
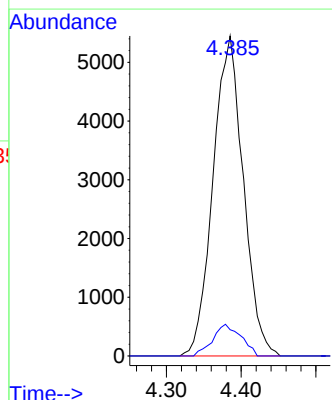
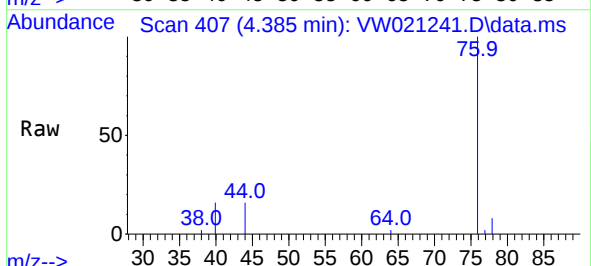
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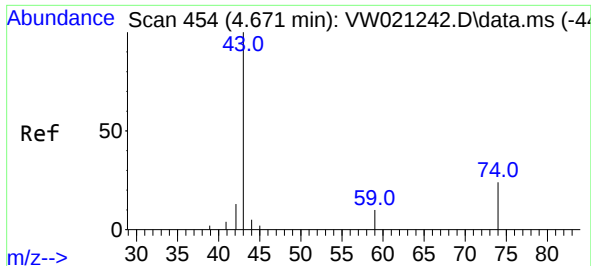
Tgt Ion: 76 Resp: 15344

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7

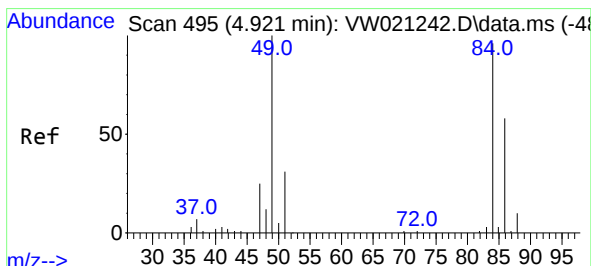
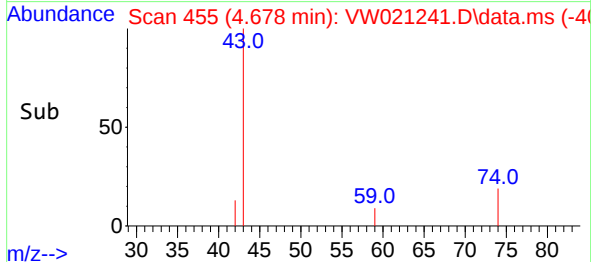
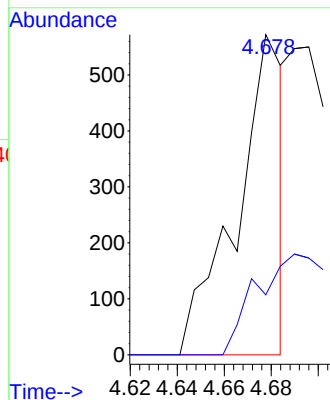
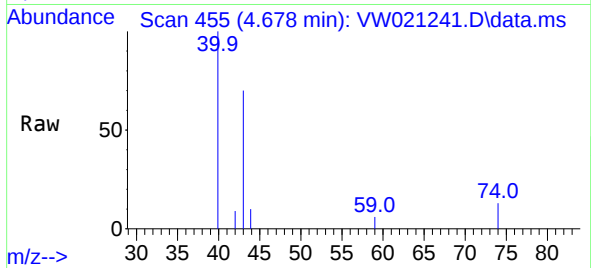




#15
Methyl Acetate
Concen: 1.555 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

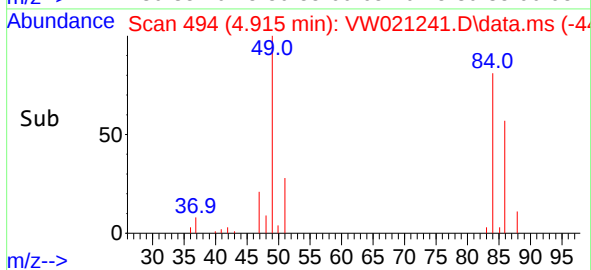
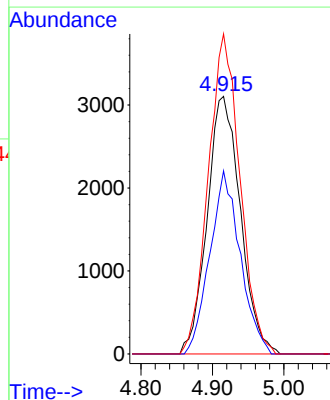
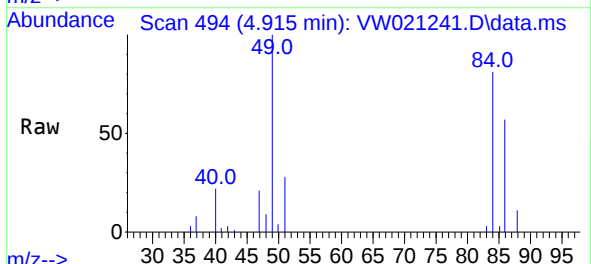
Instrument :
MSVOA_W
ClientSampleId :

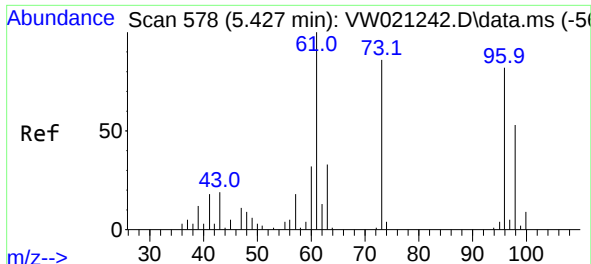
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
74 53.6 16.4 24.6#



#16
Methylene chloride
Concen: 6.308 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 84 Resp: 10020
Ion Ratio Lower Upper
84 100
86 71.0 45.5 84.5
49 124.2 100.5 186.7

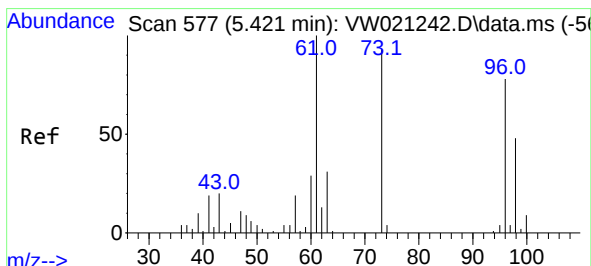
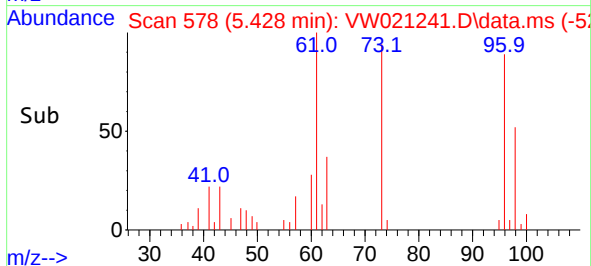
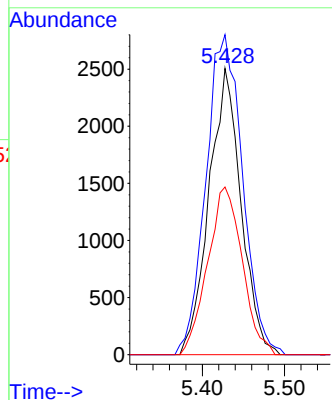
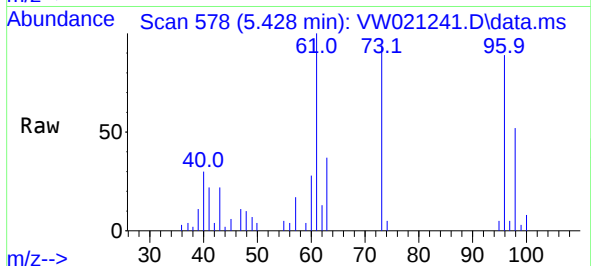




#17
trans-1,2-Dichloroethene
Concen: 4.837 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

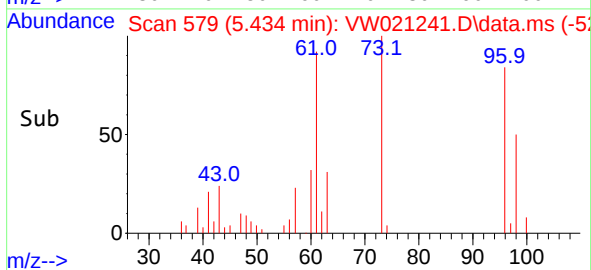
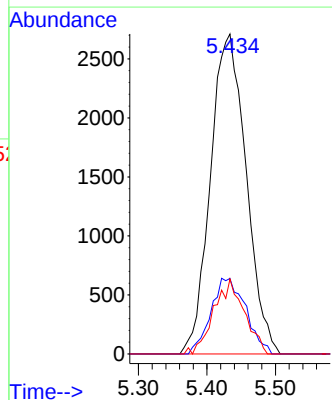
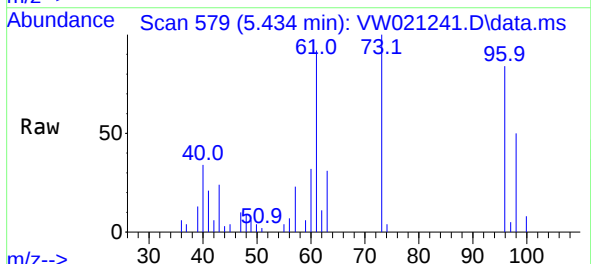
Instrument :
MSVOA_W
ClientSampleId :

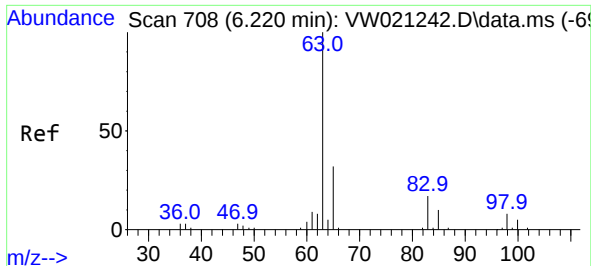
Tgt Ion: 96 Resp: 6796
Ion Ratio Lower Upper
96 100
61 111.8 107.4 199.4
98 58.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 4.754 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 73 Resp: 9812
Ion Ratio Lower Upper
73 100
43 23.1 19.5 29.3
57 19.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 2.224 ug/L

RT: 6.208 min Scan# 708

Delta R.T. -0.012 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

ClientSampleId :

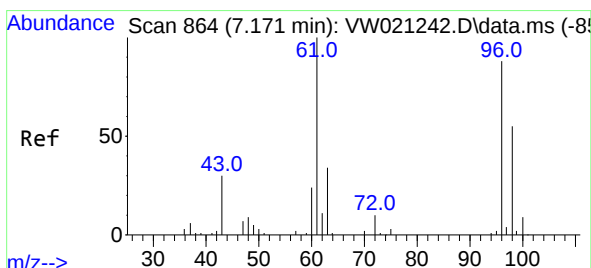
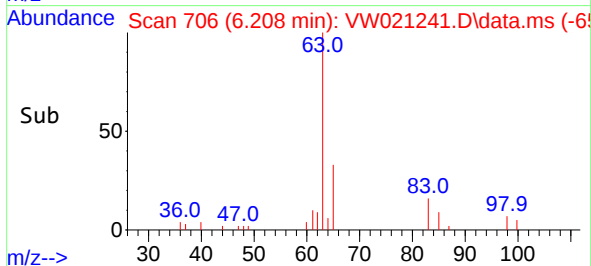
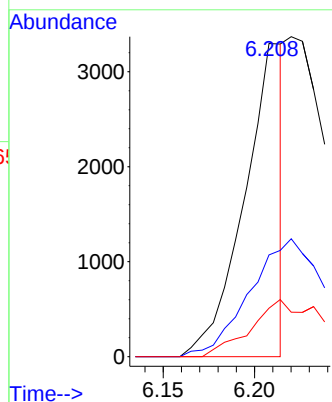
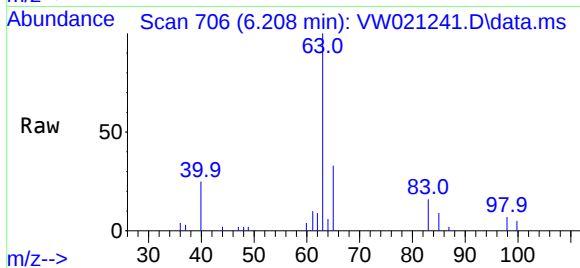
Tgt Ion: 63 Resp: 4926

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 15.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 4.737 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

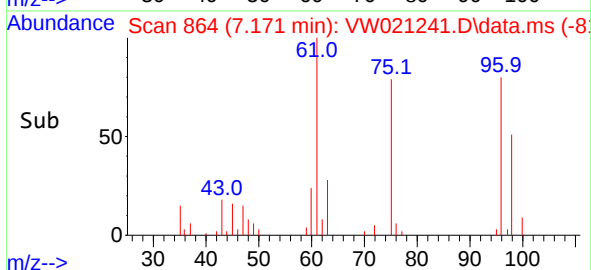
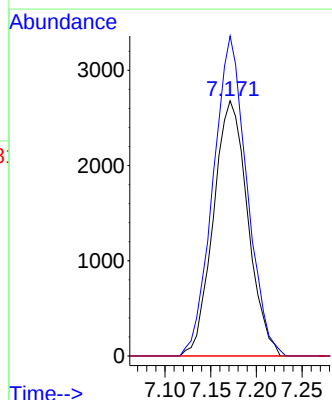
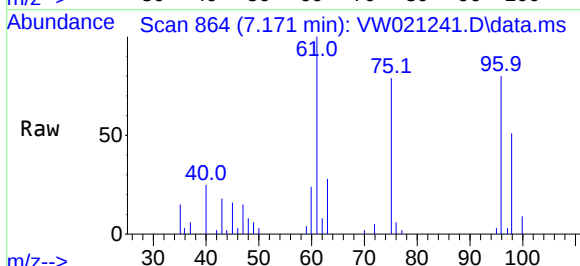
Tgt Ion: 96 Resp: 7015

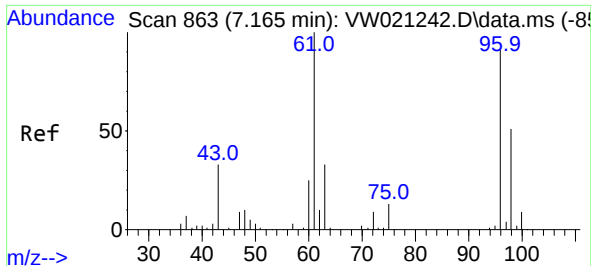
Ion Ratio Lower Upper

96 100

61 125.4 103.7 192.7

68 0.0 0.0 0.0

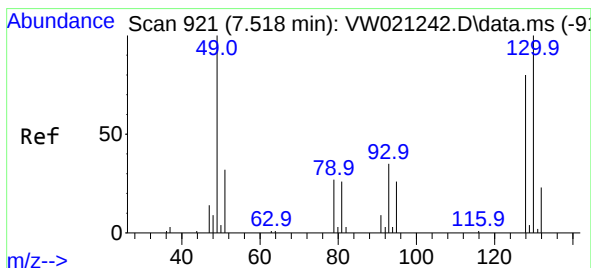
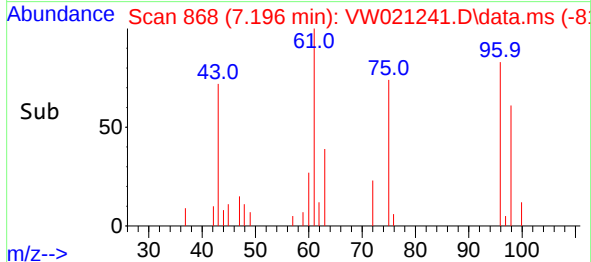
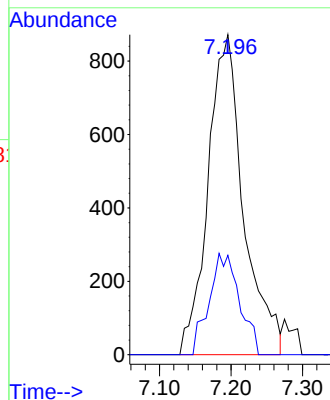
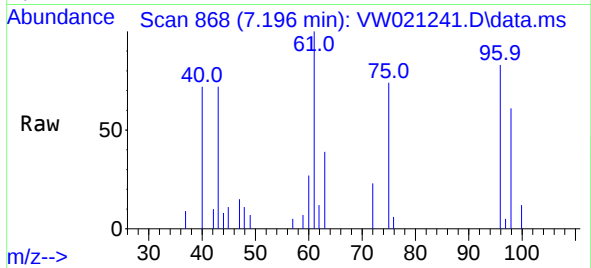




#22
2-Butanone
Concen: 7.538 ug/L
RT: 7.196 min Scan# 863
Delta R.T. 0.031 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

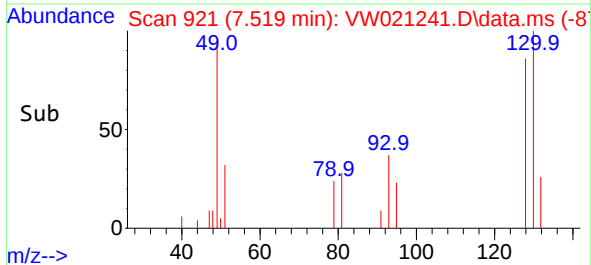
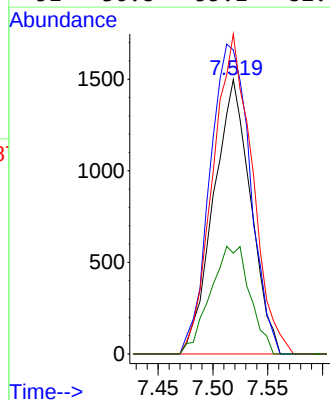
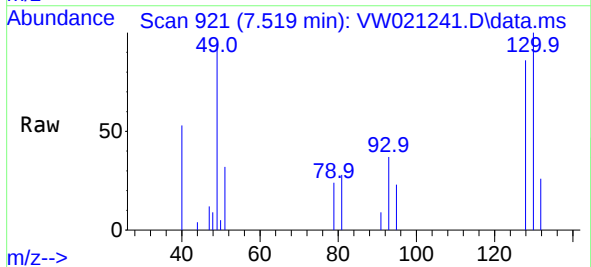
Instrument :
MSVOA_W
ClientSampleId :

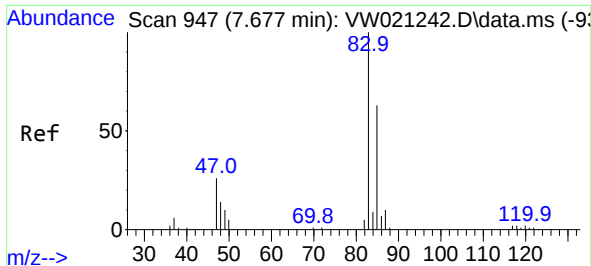
Tgt Ion: 43 Resp: 3010
Ion Ratio Lower Upper
43 100
72 24.8 11.8 35.4



#23
Bromochloromethane
Concen: 5.111 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 128 Resp: 3527
Ion Ratio Lower Upper
128 100
49 110.8 150.3 279.1#
130 116.6 88.3 163.9
51 36.8 55.1 82.7#





#25

Chloroform

Concen: 4.957 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

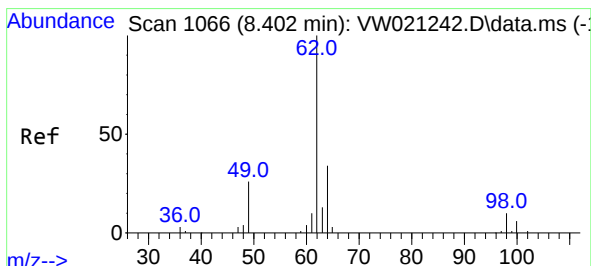
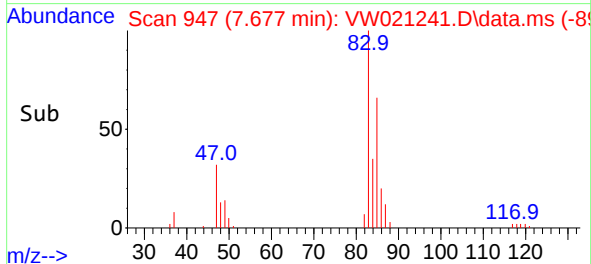
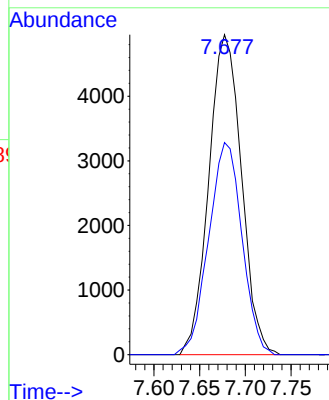
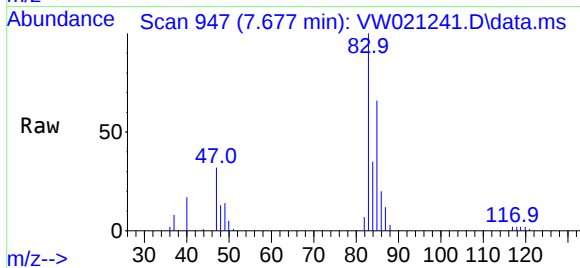
ClientSampleId :

Tgt Ion: 83 Resp: 12299

Ion Ratio Lower Upper

83 100

85 66.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.781 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW021241.D

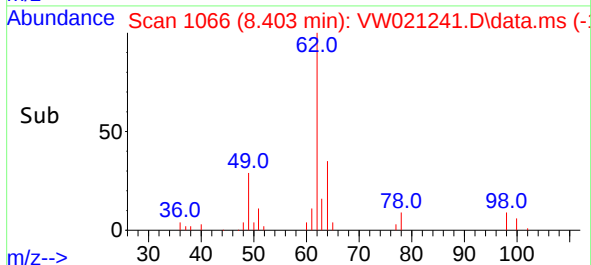
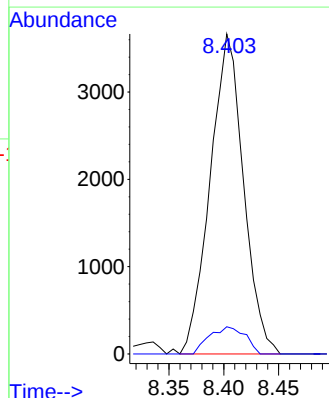
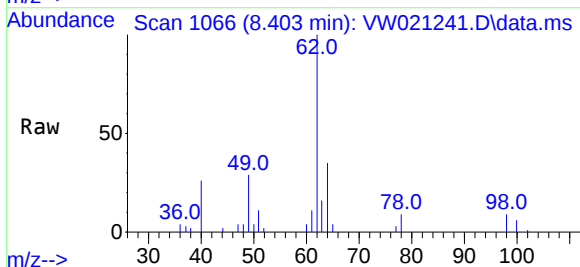
Acq: 09 Dec 2021 12:22

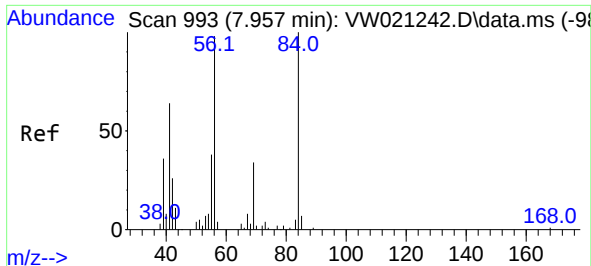
Tgt Ion: 62 Resp: 7746

Ion Ratio Lower Upper

62 100

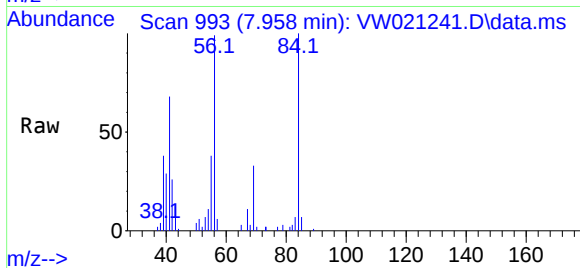
98 8.5 6.5 9.7





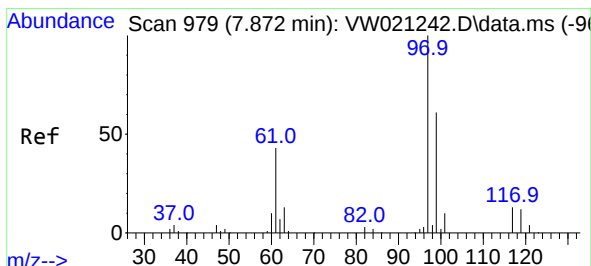
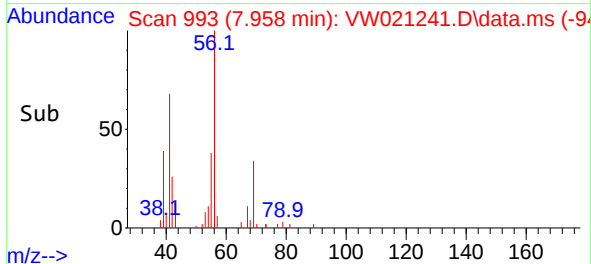
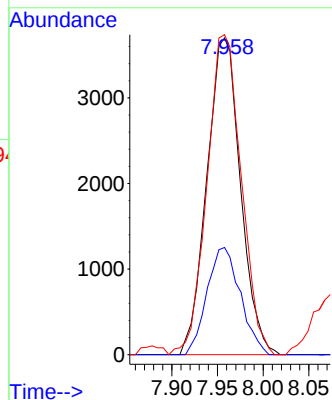
#29
Cyclohexane
Concen: 4.627 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 9466

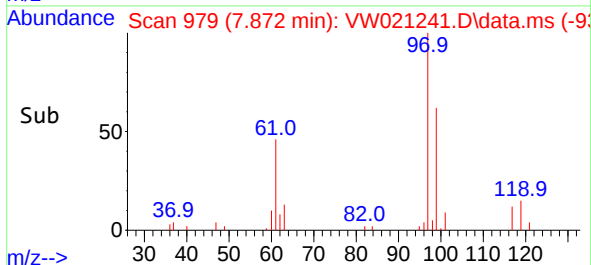
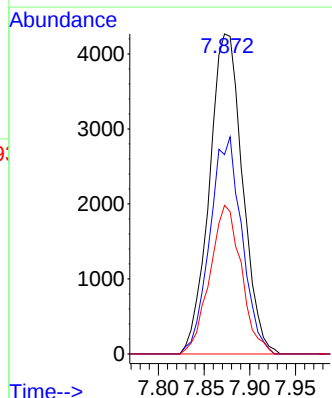
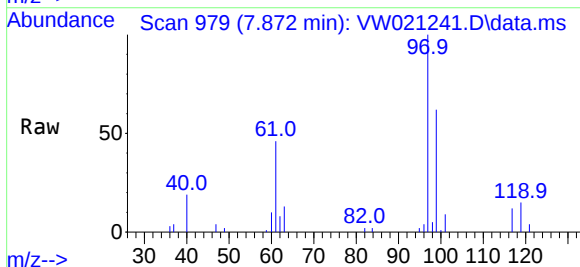
Ion	Ratio	Lower	Upper
56	100		
69	33.6	23.5	35.3
84	102.7	63.4	95.2

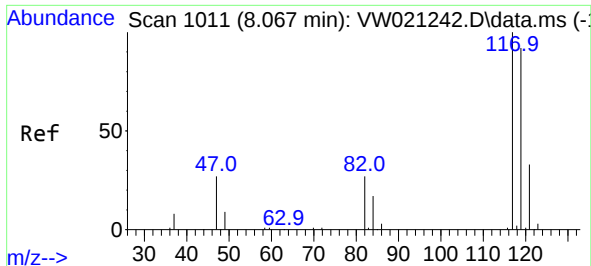


#30
1,1,1-Trichloroethane
Concen: 4.877 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 97 Resp: 10769

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	44.2	40.9	61.3

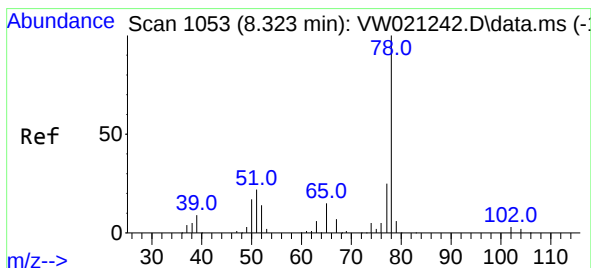
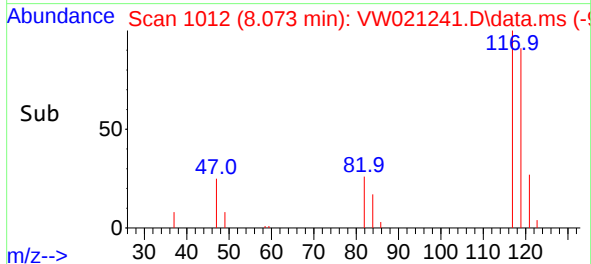
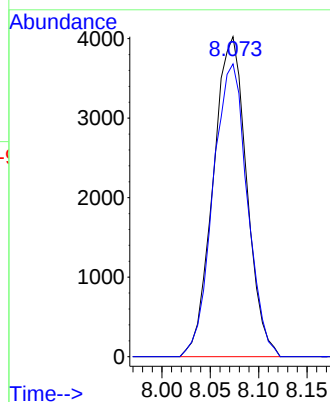
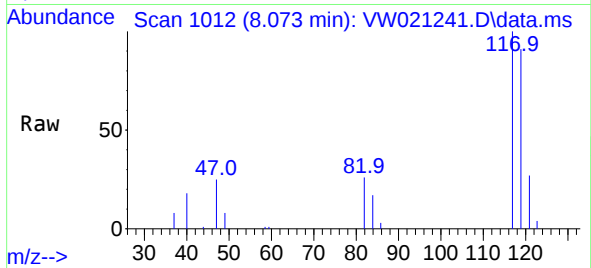




#31
Carbon tetrachloride
Concen: 4.806 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

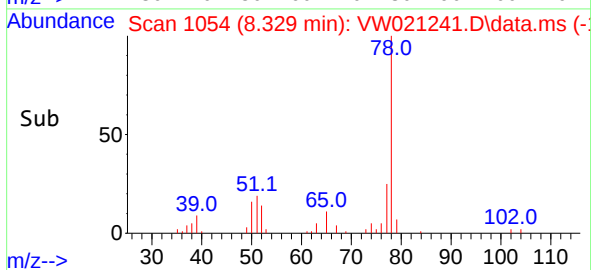
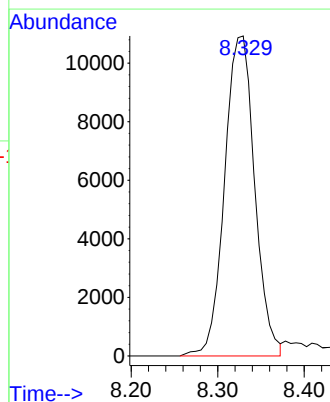
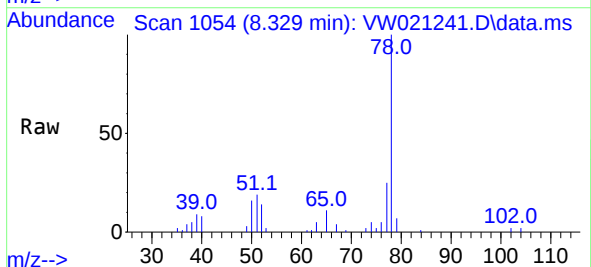
Instrument :
MSVOA_W
ClientSampleId :

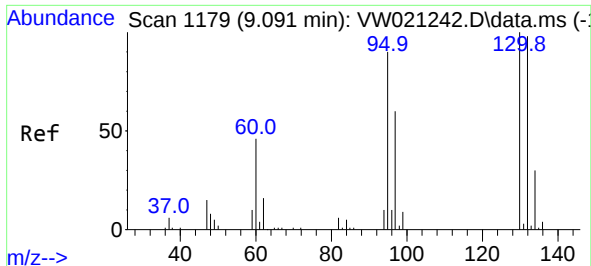
Tgt Ion:117 Resp: 9678
Ion Ratio Lower Upper
117 100
119 93.6 75.7 113.5



#33
Benzene
Concen: 4.955 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

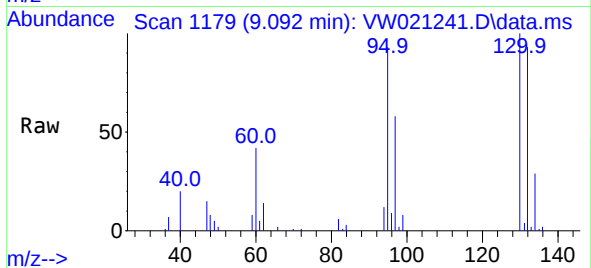
Tgt Ion: 78 Resp: 26422



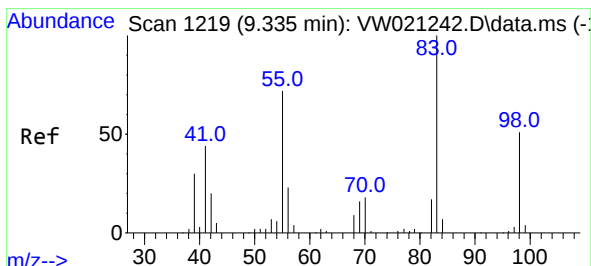
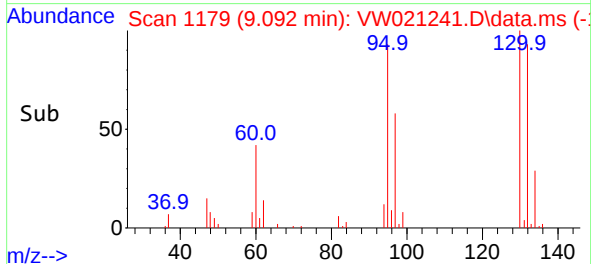
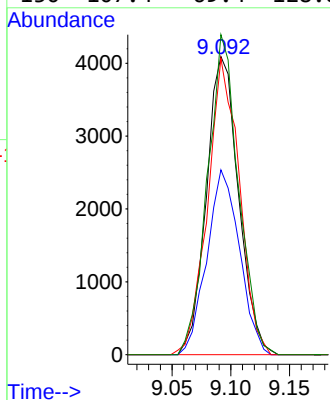


#34
Trichloroethene
Concen: 5.288 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :

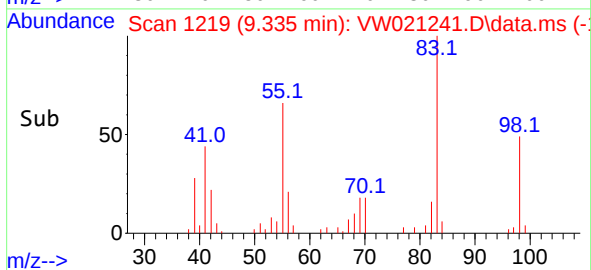
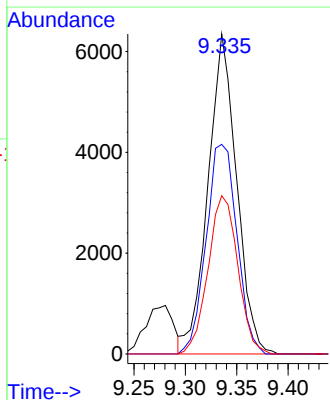
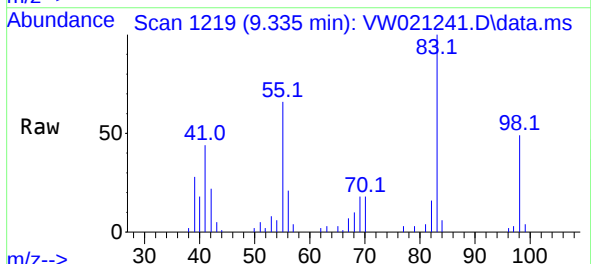


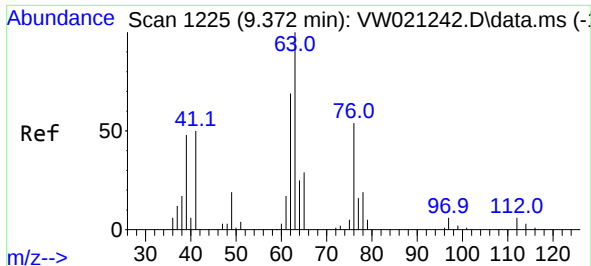
Tgt Ion: 95 Resp: 7782
Ion Ratio Lower Upper
95 100
97 62.0 47.0 87.2
132 99.4 65.5 121.6
130 107.4 69.4 128.8



#35
Methylcyclohexane
Concen: 4.934 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 83 Resp: 12277
Ion Ratio Lower Upper
83 100
55 70.7 70.8 106.2#
98 51.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 4.941 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

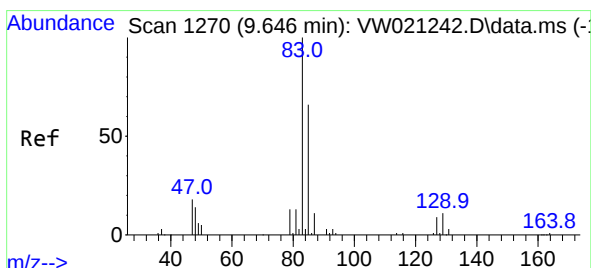
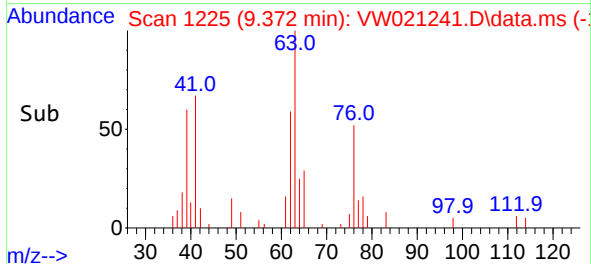
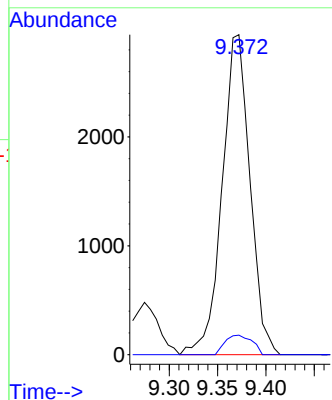
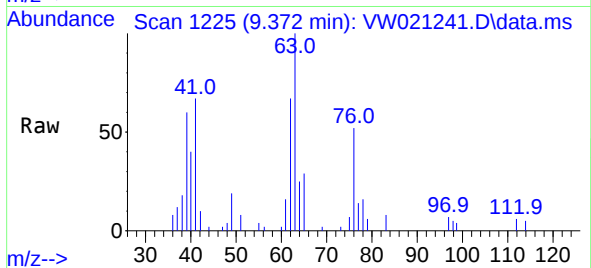
ClientSampleId :

Tgt Ion: 63 Resp: 5883

Ion Ratio Lower Upper

63 100

112 5.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 4.516 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

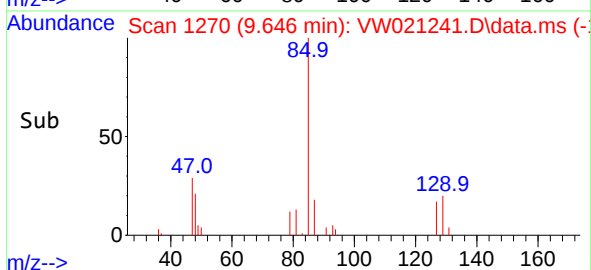
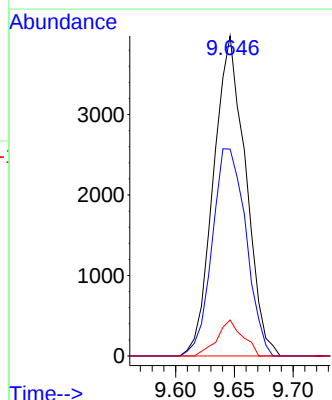
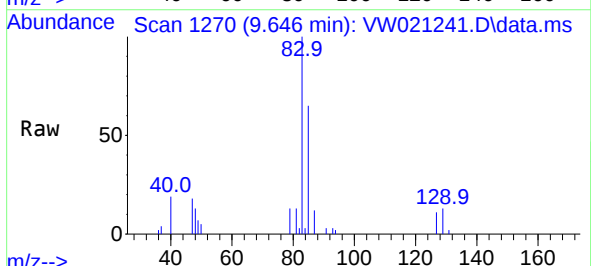
Tgt Ion: 83 Resp: 7560

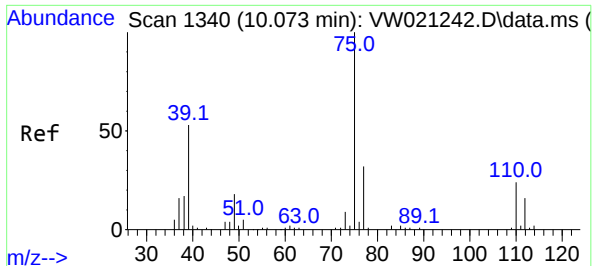
Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

127 11.2 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 4.465 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

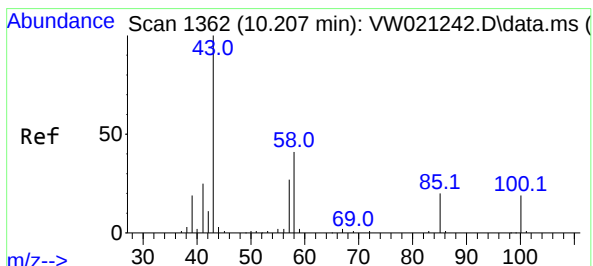
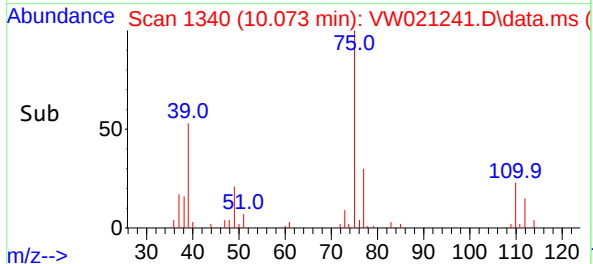
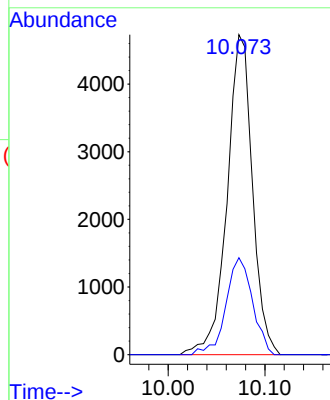
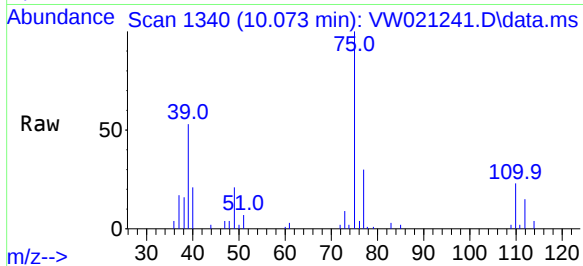
ClientSampleId :

Tgt Ion: 75 Resp: 8591

Ion Ratio Lower Upper

75 100

77 30.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 8.083 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

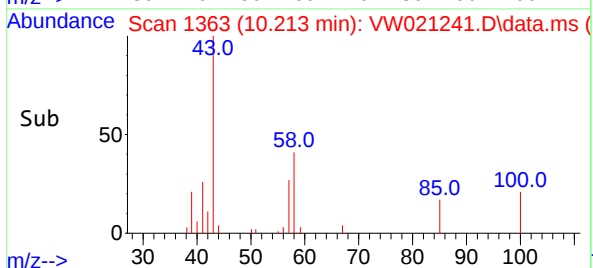
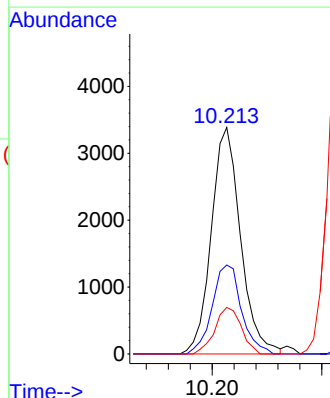
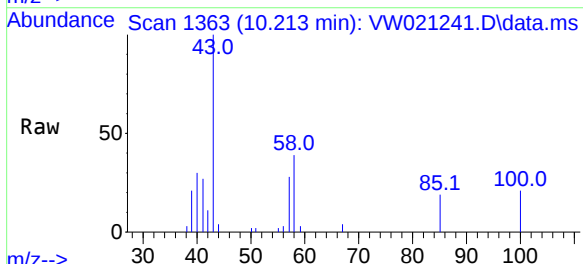
Tgt Ion: 43 Resp: 6278

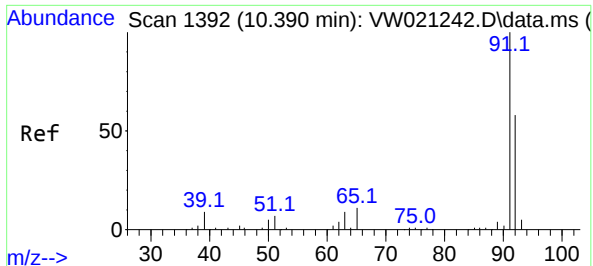
Ion Ratio Lower Upper

43 100

58 39.2 28.8 43.2

100 18.5 10.0 15.0#

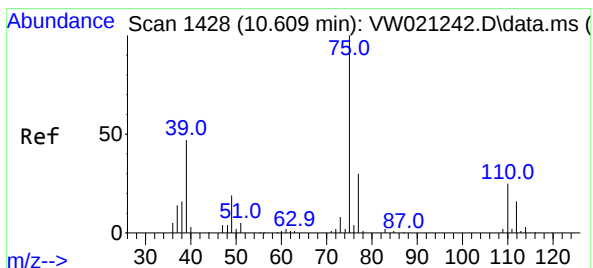
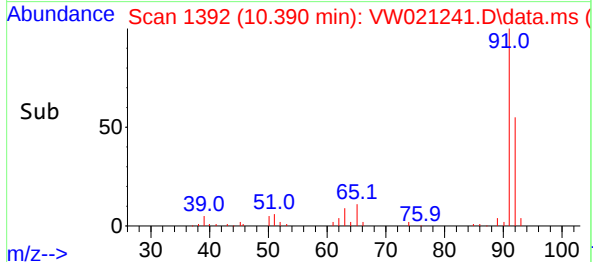
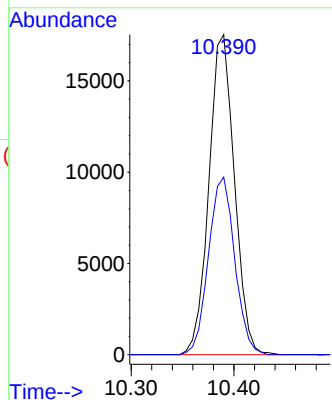
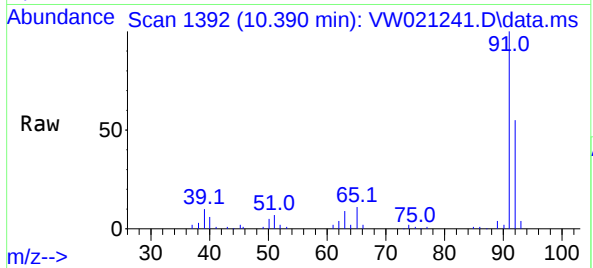




#42
Toluene
Concen: 4.961 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

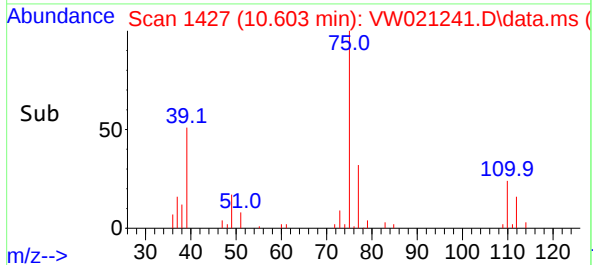
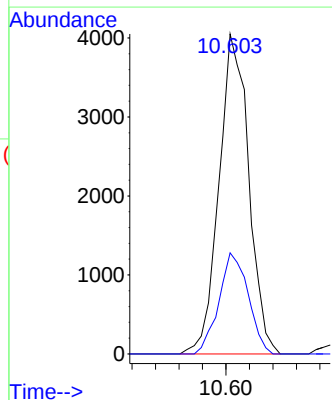
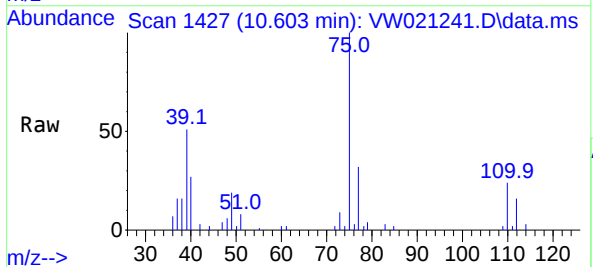
Instrument :
MSVOA_W
ClientSampleId :

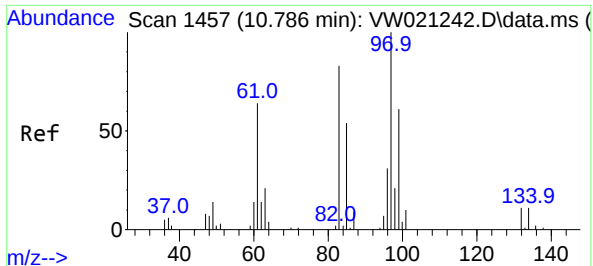
Tgt Ion: 91 Resp: 30260
Ion Ratio Lower Upper
91 100
92 55.5 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 4.157 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 75 Resp: 7108
Ion Ratio Lower Upper
75 100
77 31.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 4.837 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 4877

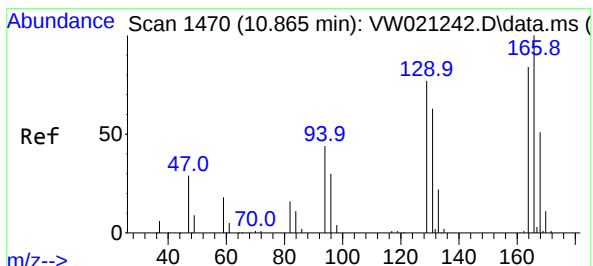
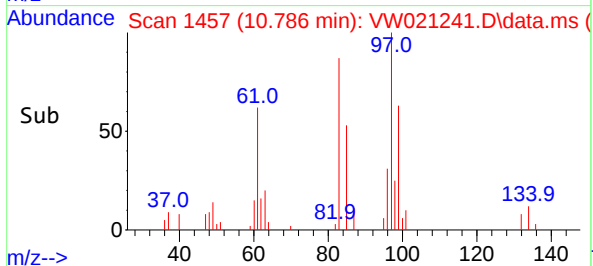
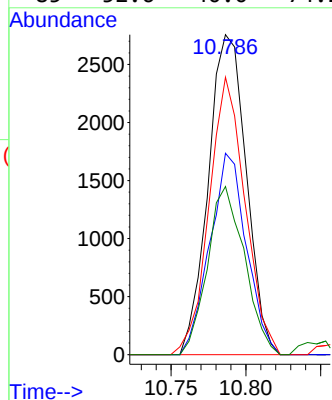
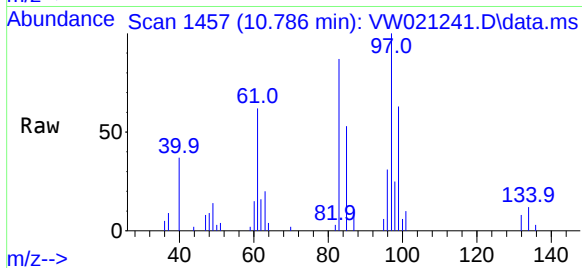
Ion Ratio Lower Upper

97 100

99 62.9 43.0 79.8

83 86.7 62.6 116.3

85 52.6 40.0 74.2



#46

Tetrachloroethene

Concen: 5.139 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Tgt Ion:164 Resp: 7127

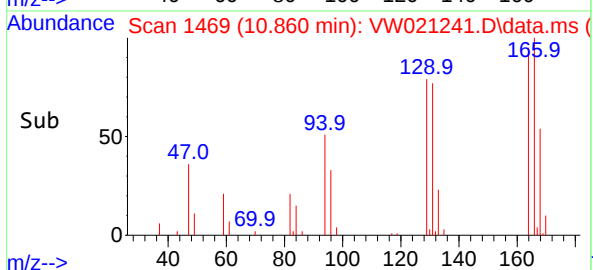
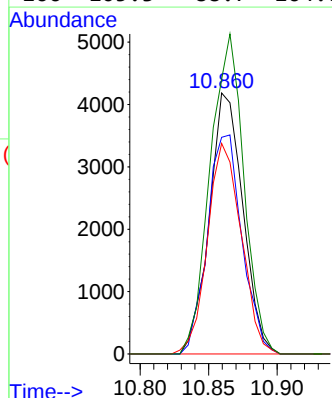
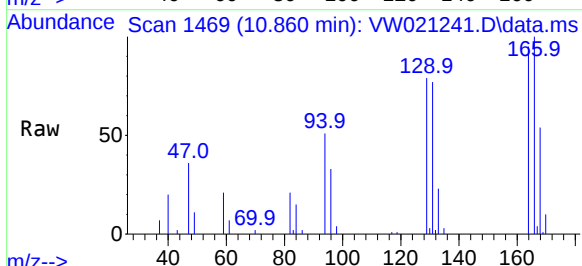
Ion Ratio Lower Upper

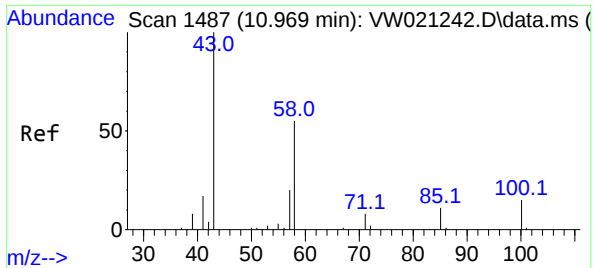
164 100

129 83.0 65.5 121.7

131 80.7 59.7 110.9

166 105.3 88.7 164.7

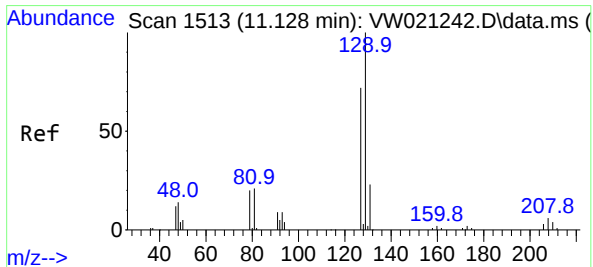
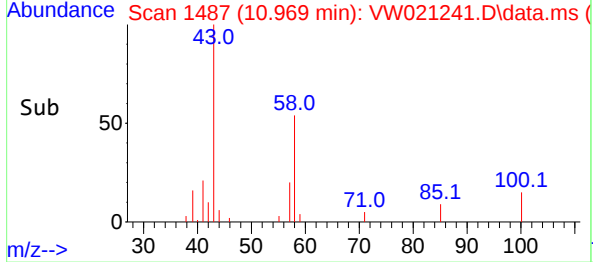
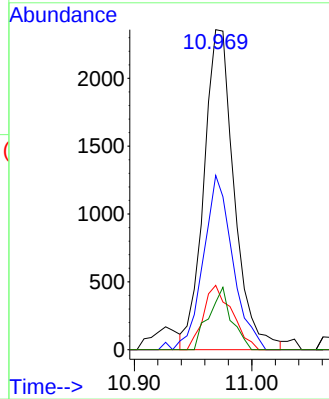
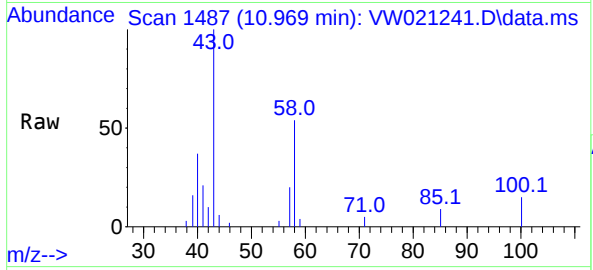




#48
2-Hexanone
Concen: 7.560 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

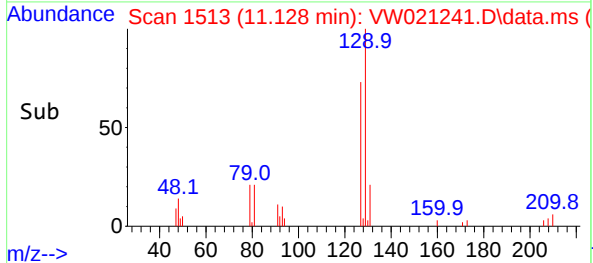
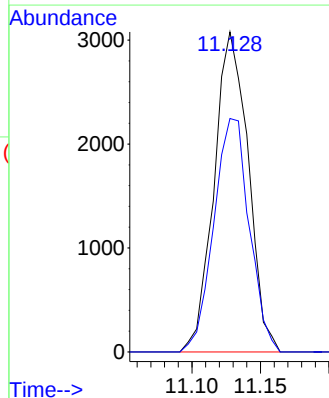
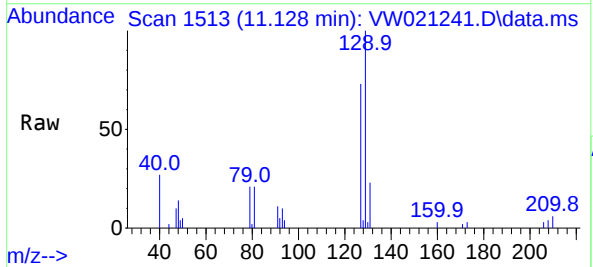
Instrument :
MSVOA_W
ClientSampleId :

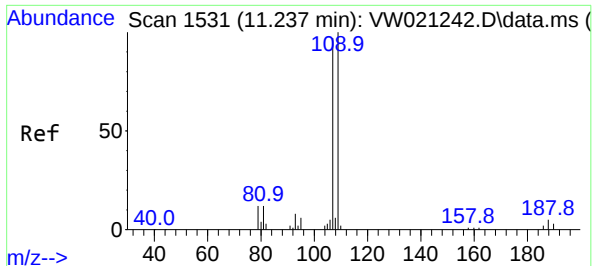
Tgt Ion: 43 Resp: 4239
Ion Ratio Lower Upper
43 100
58 52.4 40.2 60.2
57 18.9 14.3 21.5
100 14.6 8.0 12.0#



#49
Dibromochloromethane
Concen: 4.322 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion:129 Resp: 5331
Ion Ratio Lower Upper
129 100
127 72.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 4.851 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021241.D

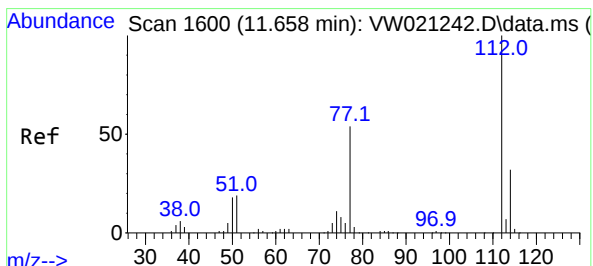
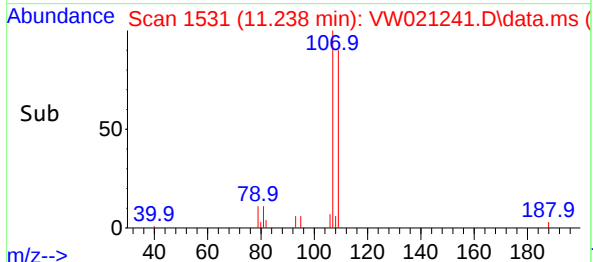
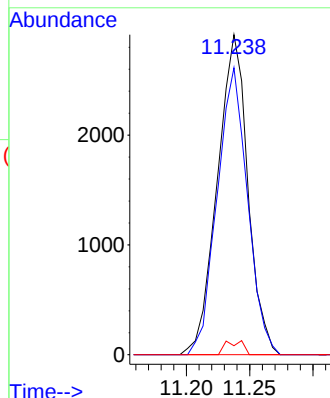
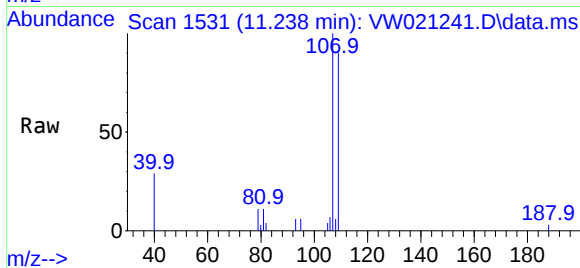
Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	4887
Ion	Ratio	Lower	Upper
107	100		
109	89.6	64.1	119.1
188	2.8	2.6	3.8



#51

Chlorobenzene

Concen: 5.006 ug/L

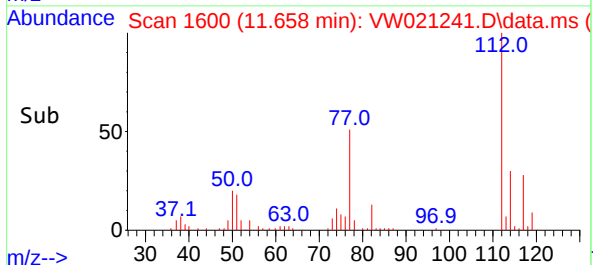
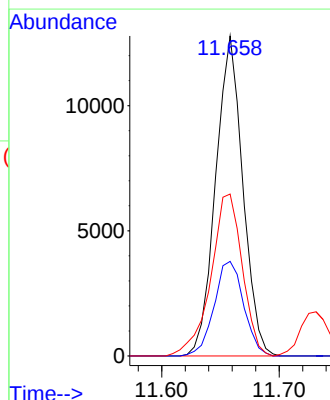
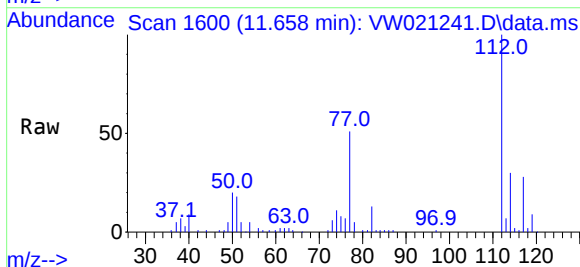
RT: 11.658 min Scan# 1600

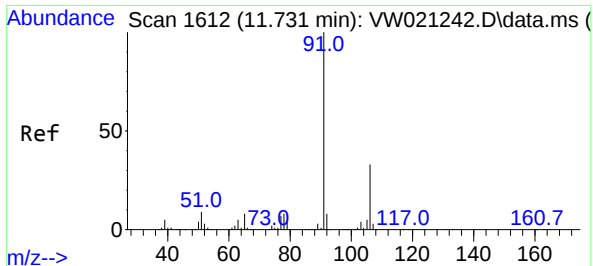
Delta R.T. 0.000 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Tgt Ion:	112	Resp:	20544
Ion	Ratio	Lower	Upper
112	100		
114	29.5	22.4	41.6
77	50.6	50.2	75.4





#52

Ethylbenzene

Concen: 4.725 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

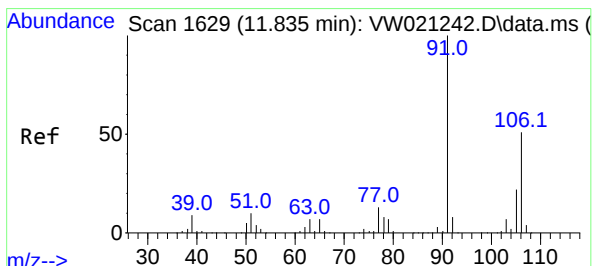
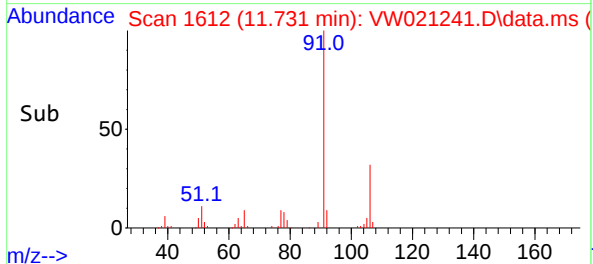
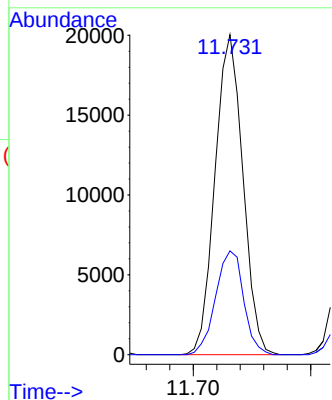
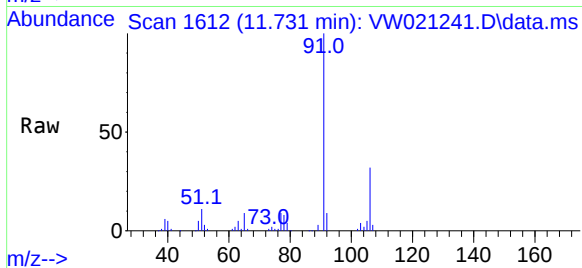
ClientSampleId :

Tgt Ion: 91 Resp: 32995

Ion Ratio Lower Upper

91 100

106 32.5 21.5 39.9



#53

m,p-Xylene

Concen: 4.600 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021241.D

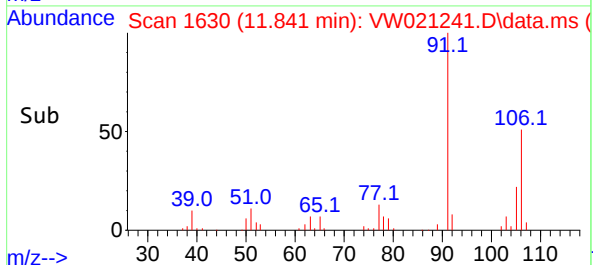
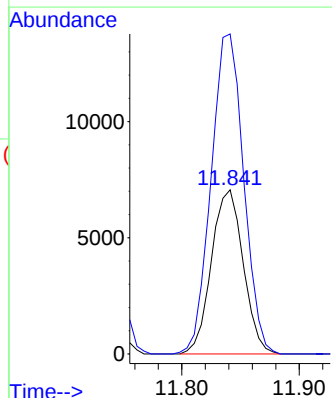
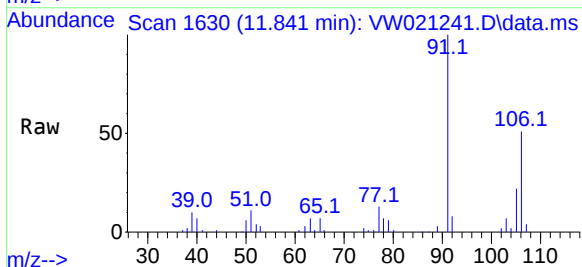
Acq: 09 Dec 2021 12:22

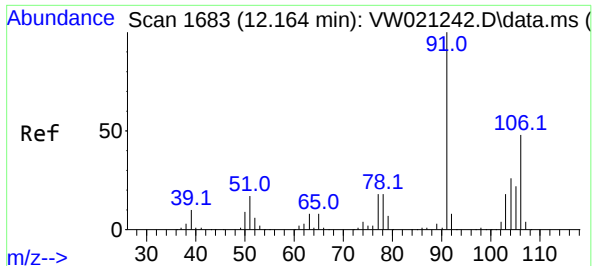
Tgt Ion:106 Resp: 13275

Ion Ratio Lower Upper

106 100

91 195.0 149.9 278.3

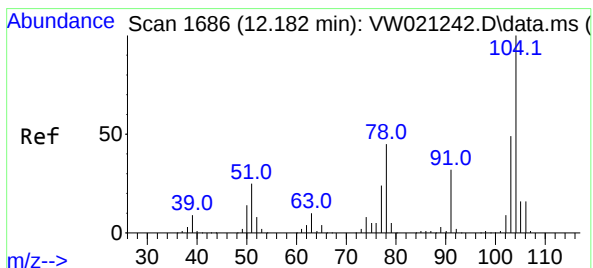
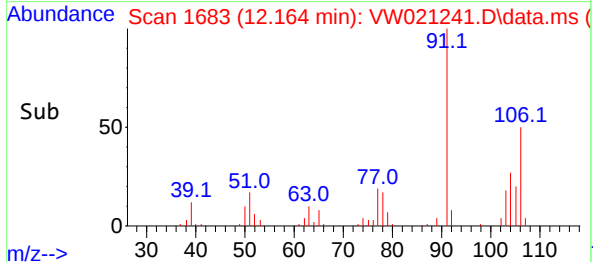
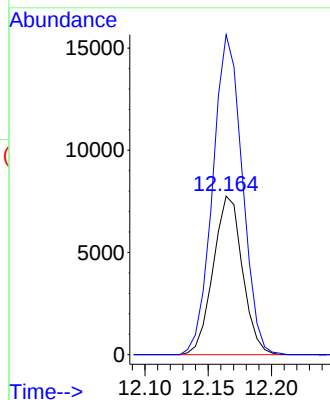
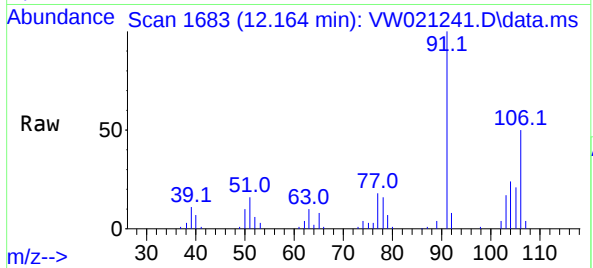




#54
o-Xylene
Concen: 4.602 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

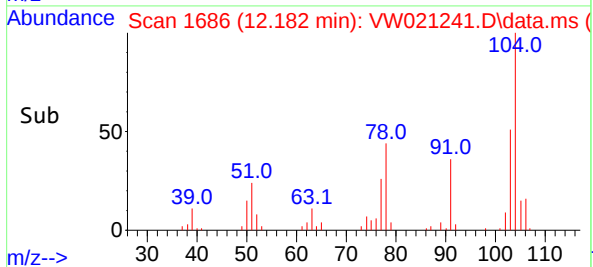
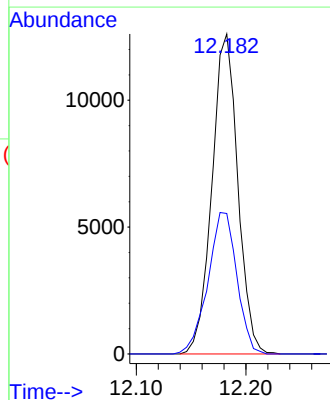
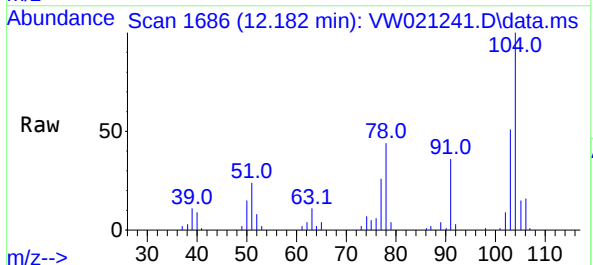
Instrument :
MSVOA_W
ClientSampleId :

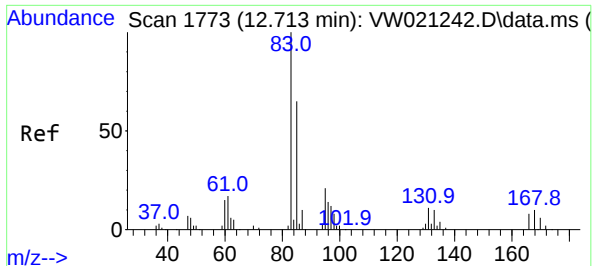
Tgt Ion:106 Resp: 12490
Ion Ratio Lower Upper
106 100
91 201.9 153.6 285.3



#55
Styrene
Concen: 4.448 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion:104 Resp: 20664
Ion Ratio Lower Upper
104 100
78 43.9 34.4 64.0

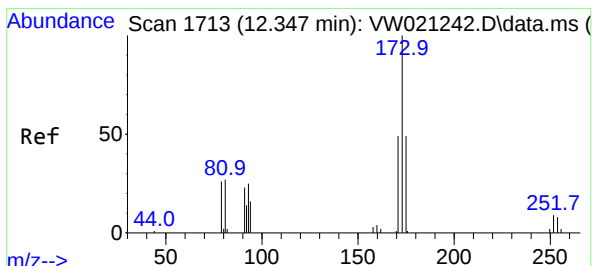
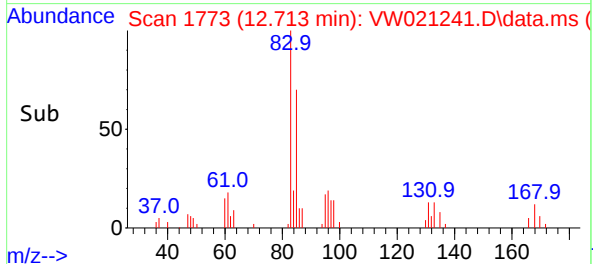
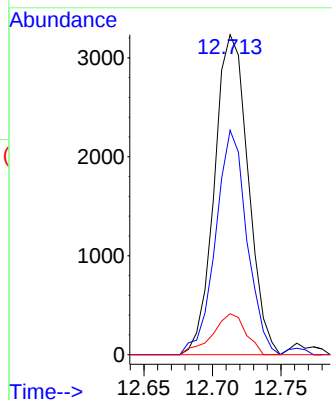
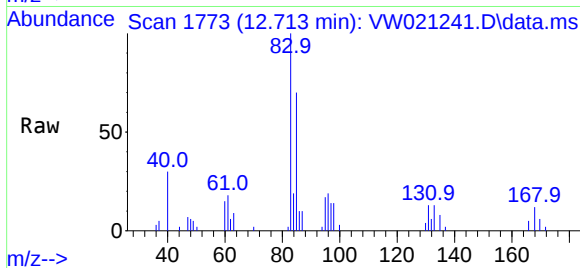




#57
1,1,2,2-Tetrachloroethane
Concen: 4.627 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

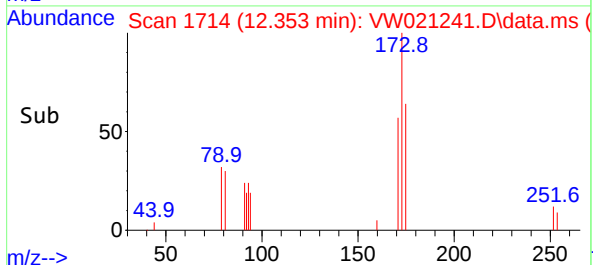
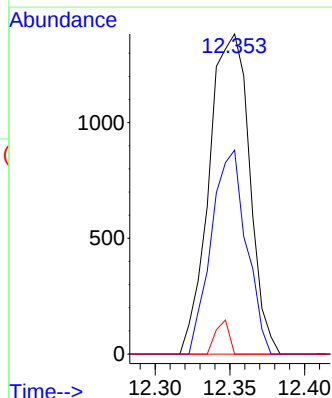
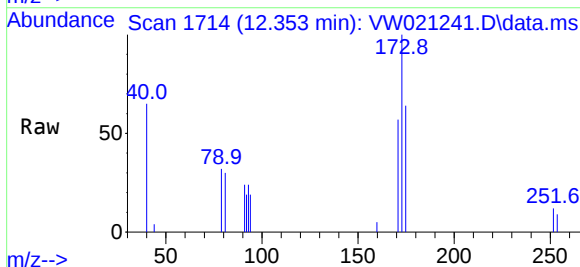
Instrument :
MSVOA_W
ClientSampleId :

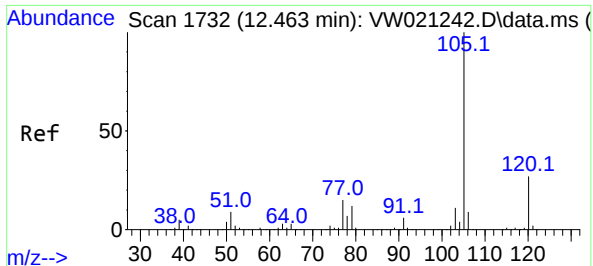
Tgt Ion: 83 Resp: 5532
Ion Ratio Lower Upper
83 100
85 70.1 44.0 81.6
131 12.8 6.9 10.3#



#59
Bromoform
Concen: 3.638 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion:173 Resp: 2595
Ion Ratio Lower Upper
173 100
175 55.3 39.6 59.4
254 3.5 7.4 11.0#



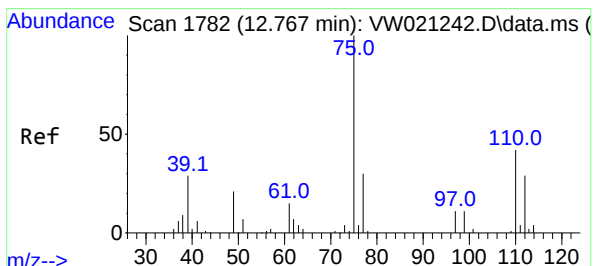
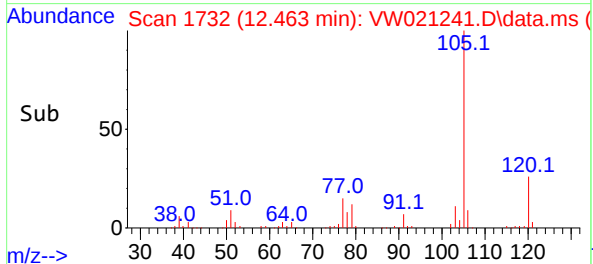
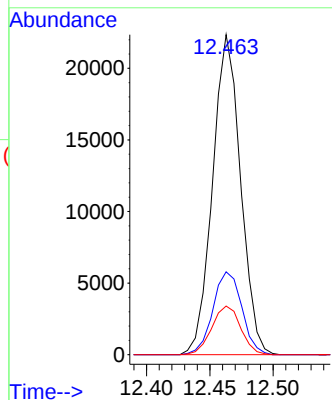
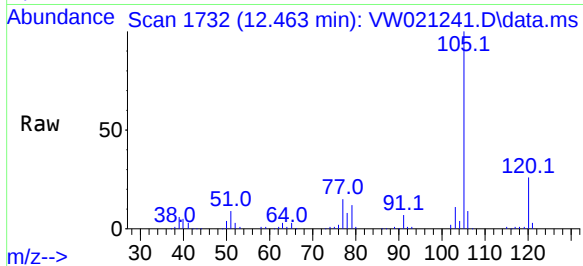


#60
Isopropylbenzene
Concen: 4.687 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 34371

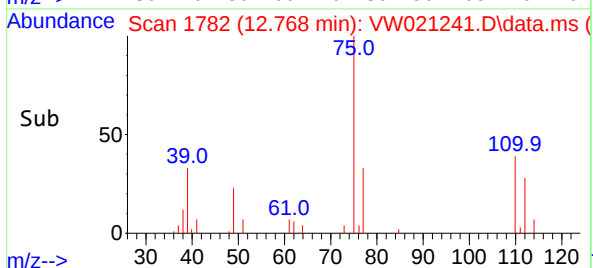
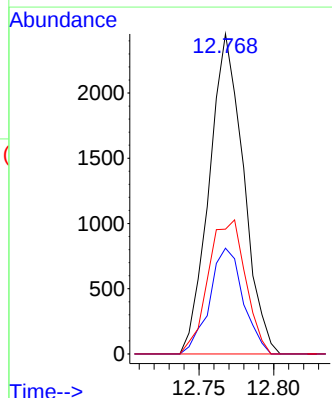
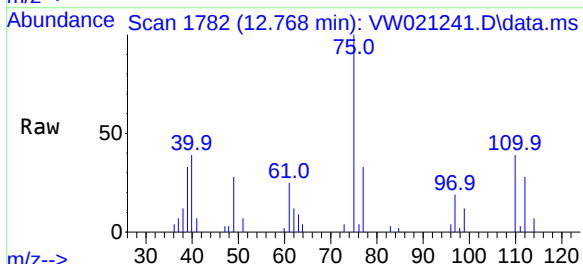
Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.1	30.1
77	15.7	13.8	20.8

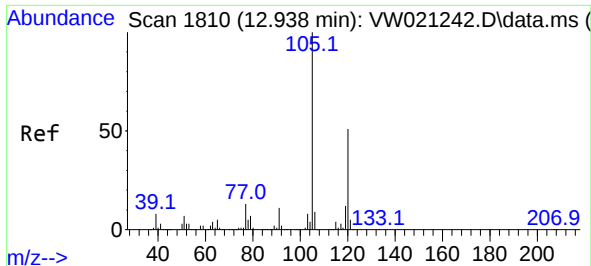


#61
1,2,3-Trichloropropane
Concen: 4.580 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion: 75 Resp: 3907

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.8
110	45.5	29.0	43.4





#62

1,3,5-Trimethylbenzene

Concen: 4.733 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW021241.D

Acq: 09 Dec 2021 12:22

Instrument :

MSVOA_W

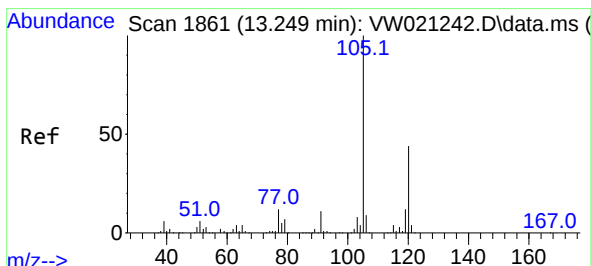
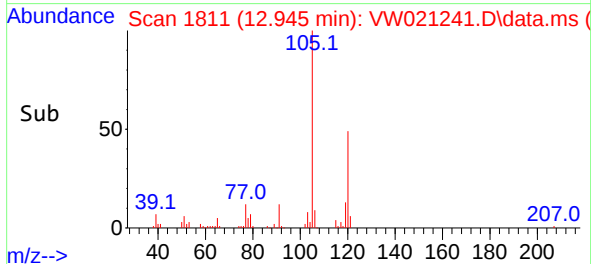
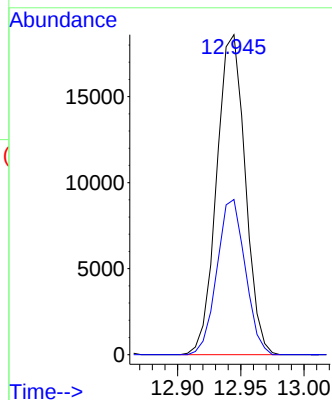
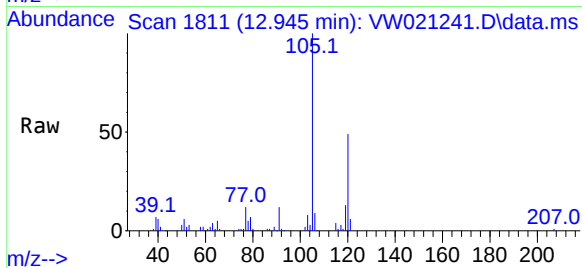
ClientSampleId :

Tgt Ion:105 Resp: 29215

Ion Ratio Lower Upper

105 100

120 48.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 4.546 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021241.D

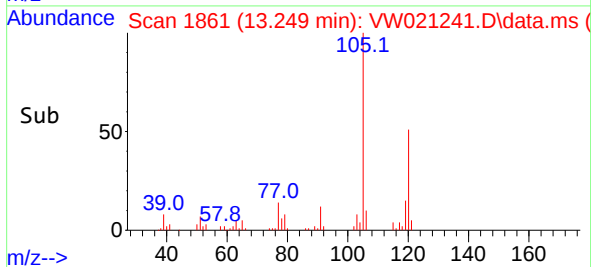
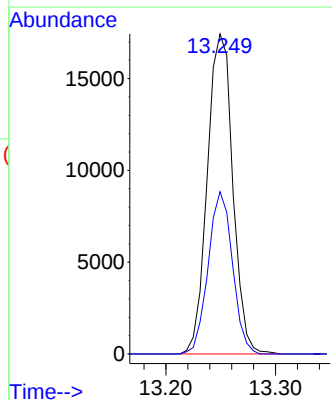
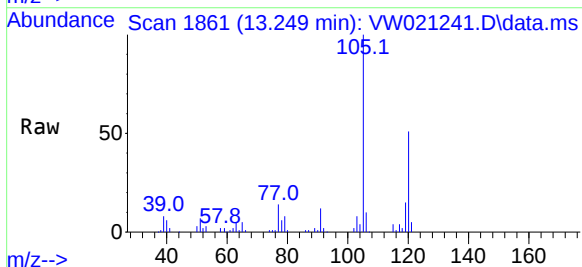
Acq: 09 Dec 2021 12:22

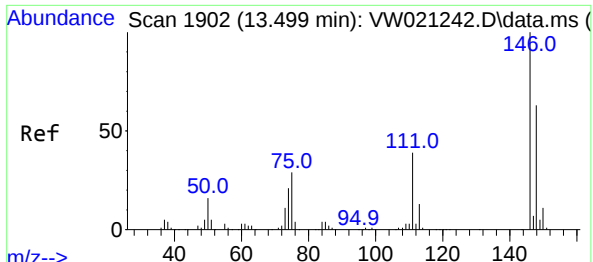
Tgt Ion:105 Resp: 28146

Ion Ratio Lower Upper

105 100

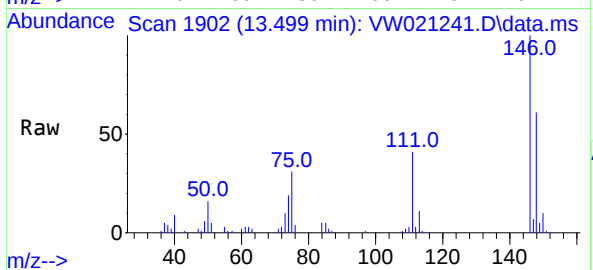
120 48.4 35.0 52.6



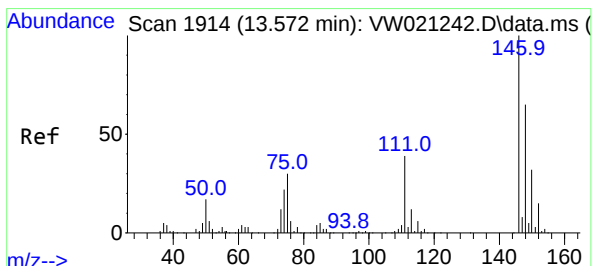
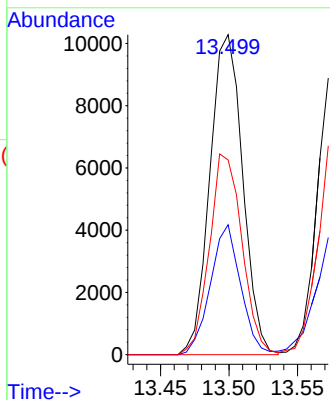
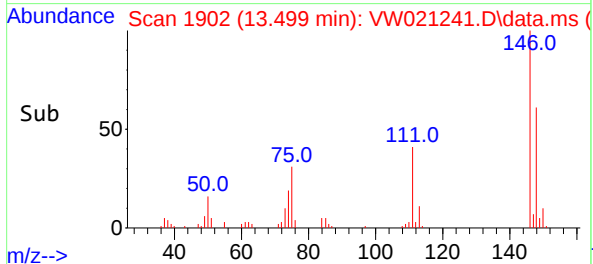


#64
1,3-Dichlorobenzene
Concen: 4.980 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

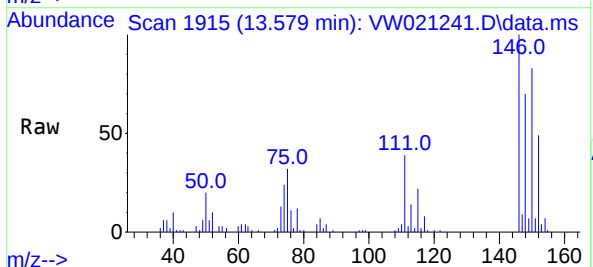
Instrument :
MSVOA_W
ClientSampleId :



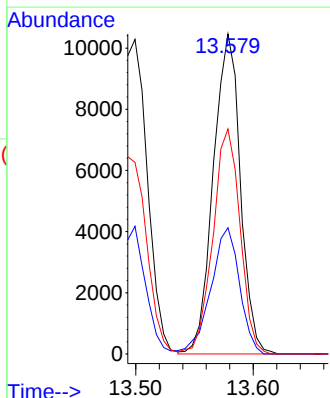
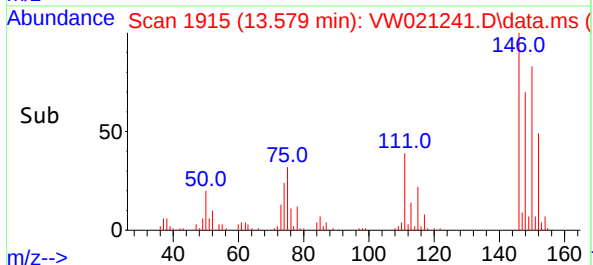
Tgt Ion:146 Resp: 17139
Ion Ratio Lower Upper
146 100
111 40.6 29.8 55.3
148 60.9 46.2 85.8

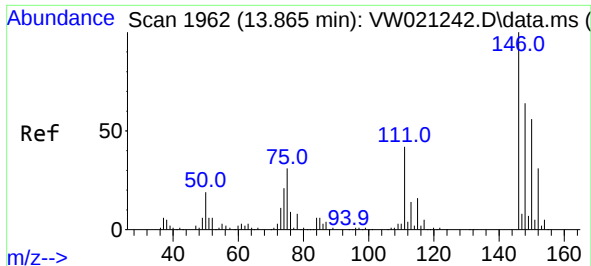


#65
1,4-Dichlorobenzene
Concen: 4.904 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22



Tgt Ion:146 Resp: 16739
Ion Ratio Lower Upper
146 100
111 39.5 29.0 53.9
148 70.3 46.9 87.1

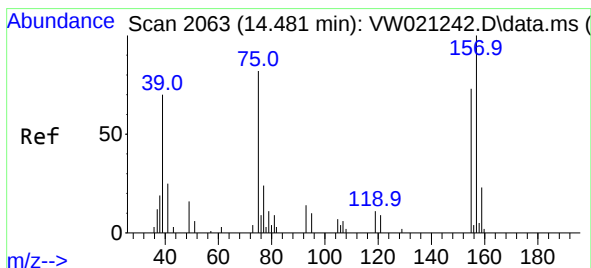
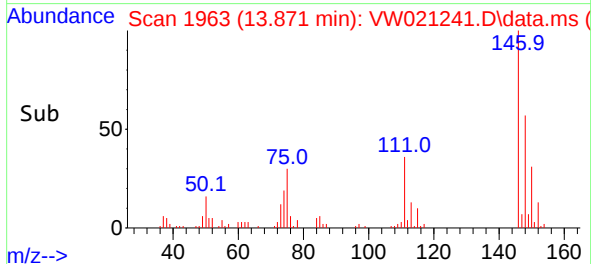
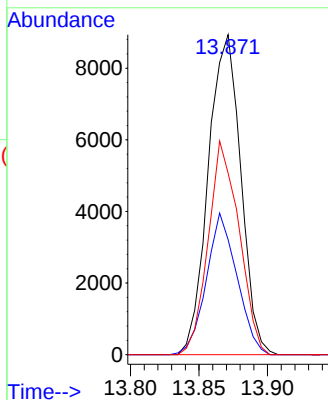
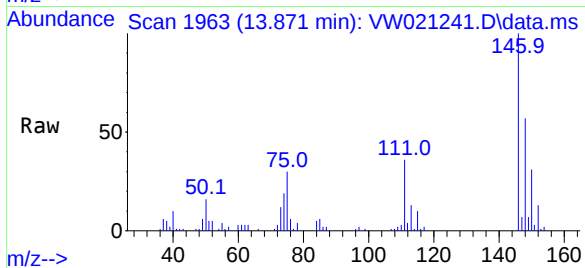




#67
1,2-Dichlorobenzene
Concen: 4.821 ug/L
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

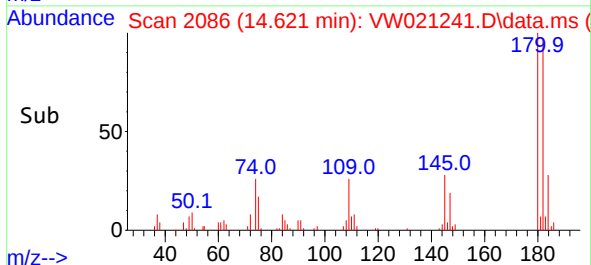
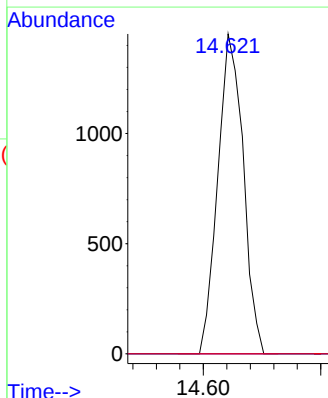
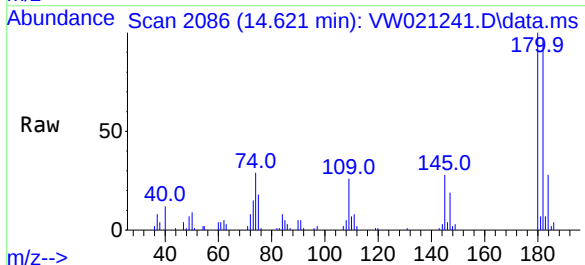
Instrument :
MSVOA_W
ClientSampleId :

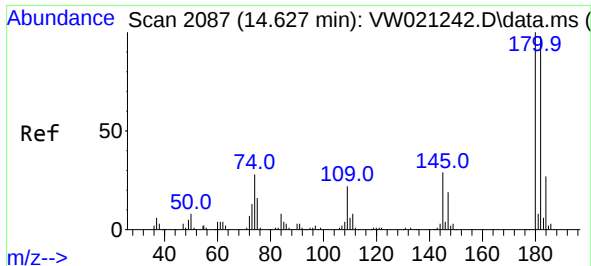
Tgt Ion:146 Resp: 14764
Ion Ratio Lower Upper
146 100
111 36.0 33.1 49.7
148 56.7 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 11.863 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.140 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

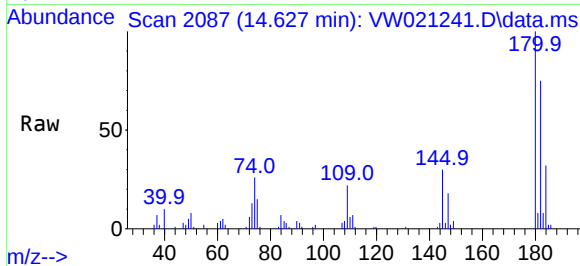
Tgt Ion: 75 Resp: 2178
Ion Ratio Lower Upper
75 100
155 0.0 54.2 81.2#
157 0.0 69.4 104.2#



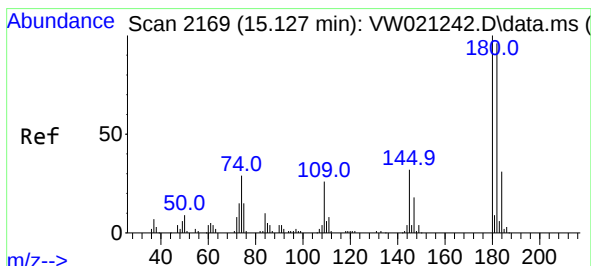
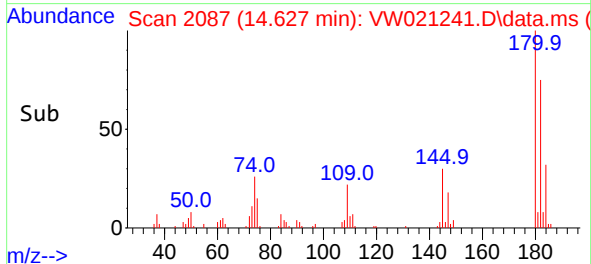
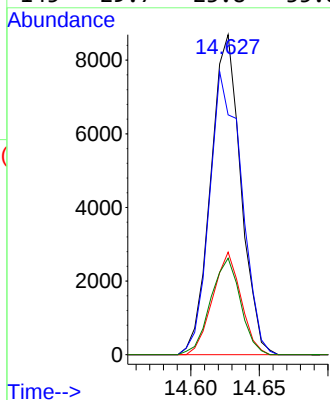


#69
1,3,5-Trichlorobenzene
Concen: 5.237 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :

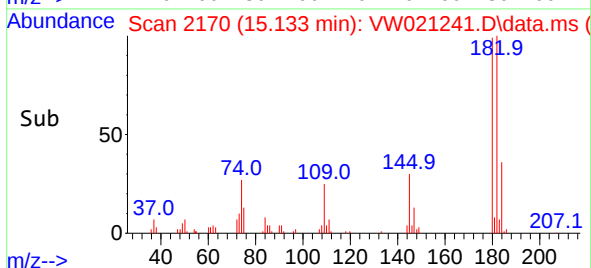
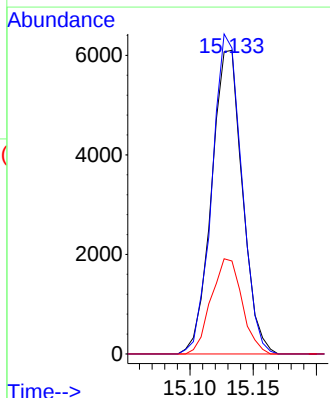
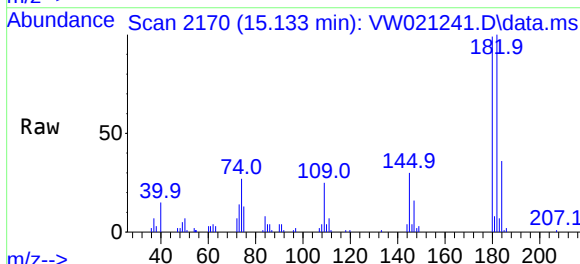


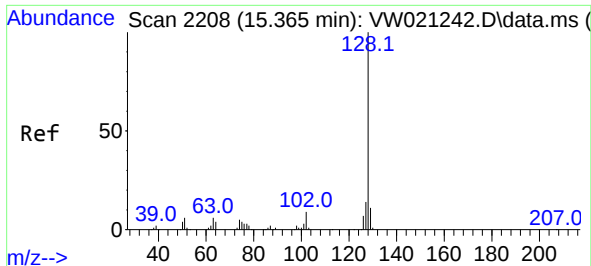
Tgt Ion:180	Resp:	13300
Ion Ratio	Lower	Upper
180	100	
182	93.7	75.4 113.0
184	30.1	23.8 35.8
145	29.7	23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 5.163 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

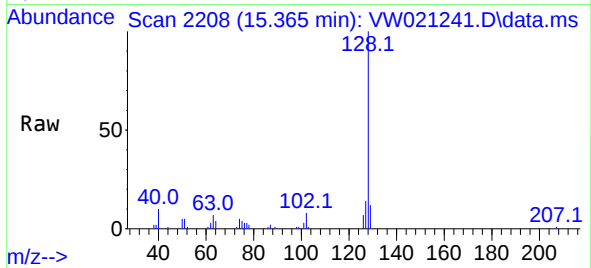
Tgt Ion:180	Resp:	10347
Ion Ratio	Lower	Upper
180	100	
182	101.2	79.0 118.6
145	31.3	26.0 39.0





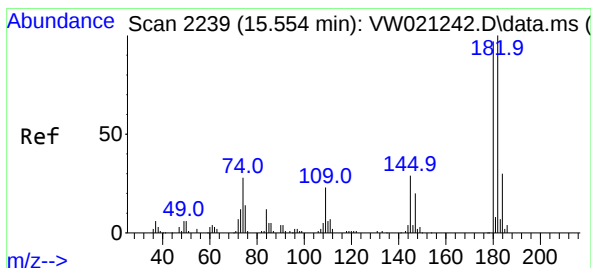
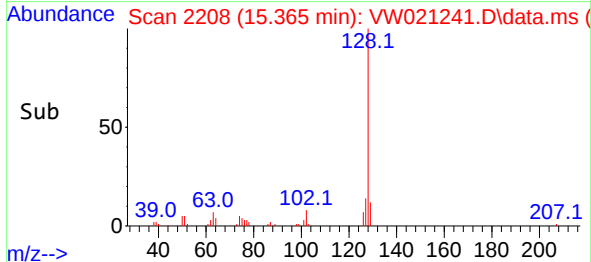
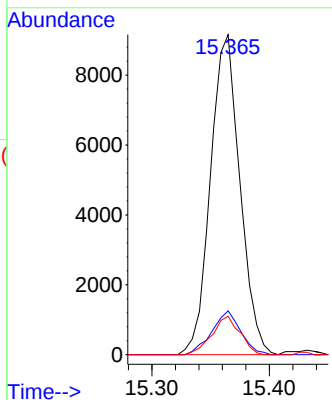
#71
Naphthalene
Concen: 4.287 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 15943

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.5	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 4.919 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW021241.D
Acq: 09 Dec 2021 12:22

Tgt Ion:180 Resp: 8748

Ion	Ratio	Lower	Upper
180	100		
182	102.8	76.6	114.8
145	32.0	27.4	41.0

