

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW0216IC.D
 Acq On : 28 Dec 2021 09:50
 Operator : SY/VA
 Sample : VSTD2.5
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 28 11:53:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 11:51:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	100745	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100795	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	57483	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	4763	2.573	ug/L	0.00
7) Chloroethane-d5	2.885	69	3131	2.538	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	7512	2.969	ug/L	0.00
21) 2-Butanone-d5	7.092	46	909	3.309	ug/L	0.00
24) Chloroform-d	7.653	84	8238	2.837	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	4372	2.825	ug/L	0.00
32) Benzene-d6	8.269	84	15102	2.693	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	4013	2.649	ug/L	0.00
41) Toluene-d8	10.323	98	14681	2.585	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1735	2.434	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	1027	4.450	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	2866	2.210	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	5582	2.495	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	956	2.165	ug/L	# 67
3) Chloromethane	2.215	50	4022	2.942	ug/L	94
5) Vinyl chloride	2.361	62	6301	3.012	ug/L	99
6) Bromomethane	2.776	94	4501	3.313	ug/L	98
8) Chloroethane	2.922	64	2955	3.036	ug/L	87
9) Trichlorofluoromethane	3.263	101	4239	3.743	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	4612	3.199	ug/L	89
12) 1,1-Dichloroethene	4.044	96	2484	1.916	ug/L	67
13) Acetone	4.147	43	1844	7.569	ug/L	99
14) Carbon disulfide	4.379	76	11655	3.368	ug/L	98
15) Methyl Acetate	4.678	43	1436	3.382	ug/L	# 82
16) Methylene chloride	4.915	84	7078	4.144	ug/L	73
17) trans-1,2-Dichloroethene	5.422	96	4413	3.150	ug/L	81
18) Methyl tert-butyl Ether	5.415	73	2421	1.221	ug/L	# 75
19) 1,1-Dichloroethane	6.220	63	6728	3.048	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	4422	2.993	ug/L	67
22) 2-Butanone	7.189	43	1650	5.129	ug/L	87
23) Bromochloromethane	7.513	128	2154	3.082	ug/L	# 56
25) Chloroform	7.677	83	7743	3.019	ug/L	95
27) 1,2-Dichloroethane	8.397	62	5031	3.055	ug/L	# 90
29) Cyclohexane	7.952	56	6217	3.001	ug/L	# 80
30) 1,1,1-Trichloroethane	7.866	97	6966	2.971	ug/L	95
31) Carbon tetrachloride	8.067	117	6702	3.067	ug/L	100
33) Benzene	8.323	78	16745	2.956	ug/L	100
34) Trichloroethene	9.098	95	4814	3.019	ug/L	94
35) Methylcyclohexane	9.335	83	7516	2.859	ug/L	85
37) 1,2-Dichloropropane	9.366	63	3669	2.904	ug/L	# 97
38) Bromodichloromethane	9.646	83	5364	3.025	ug/L	# 96
39) cis-1,3-Dichloropropene	10.073	75	5617	2.784	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	4013	5.691	ug/L	# 97
42) Toluene	10.384	91	18039	2.749	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	4681	2.617	ug/L	92

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

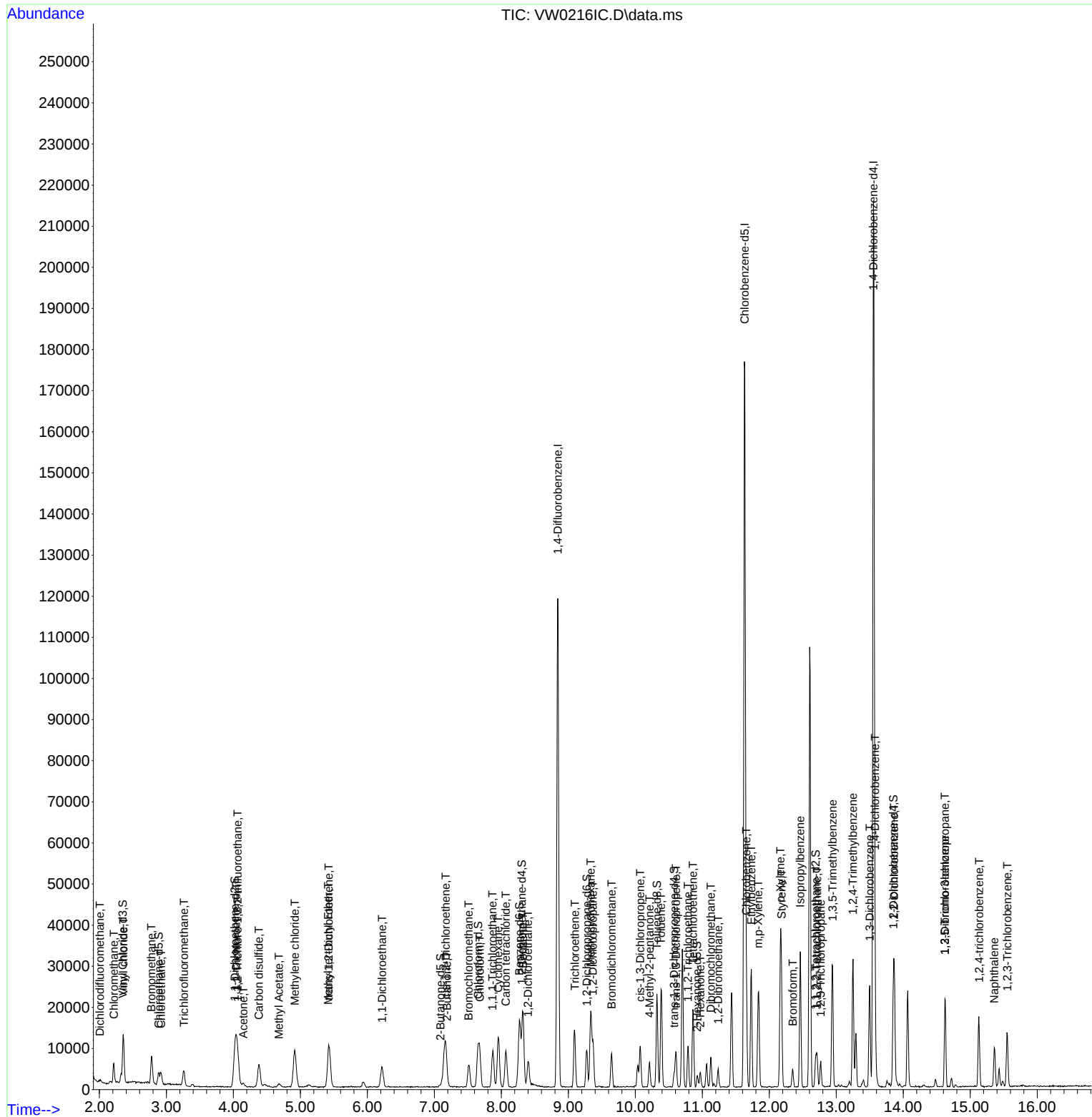
45) 1,1,2-Trichloroethane	10.786	97	2977	2.837	ug/L	88
46) Tetrachloroethene	10.860	164	4464	2.965	ug/L	94
48) 2-Hexanone	10.969	43	2242	4.428	ug/L #	90
49) Dibromochloromethane	11.128	129	3643	2.765	ug/L	86
50) 1,2-Dibromoethane	11.238	107	2800	2.649	ug/L #	82
51) Chlorobenzene	11.658	112	11957	2.727	ug/L #	88
52) Ethylbenzene	11.731	91	19620	2.633	ug/L	95
53) m,p-Xylene	11.835	106	7646	2.551	ug/L	90
54) o-Xylene	12.164	106	7242	2.555	ug/L	80
55) Styrene	12.182	104	12566	2.582	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	3265	2.737	ug/L #	92
59) Bromoform	12.353	173	1925	2.585	ug/L #	99
60) Isopropylbenzene	12.463	105	19623	2.494	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	2316	2.684	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.945	105	16043	2.389	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	16715	2.508	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	9828	2.617	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	9705	2.617	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	8642	2.619	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.621	75	1177	6.379	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.621	180	7105	2.549	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	5675	2.492	ug/L	92
71) Naphthalene	15.359	128	8566	2.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	4759	2.556	ug/L	98

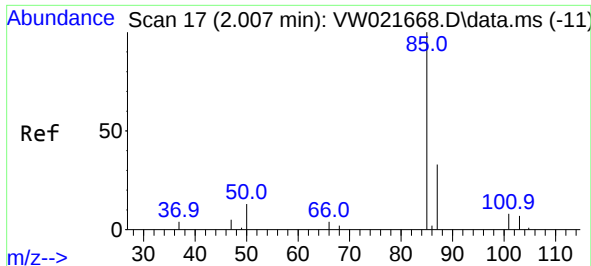
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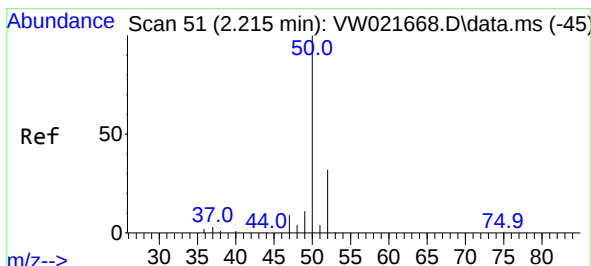
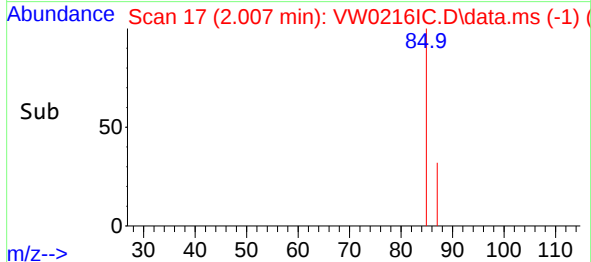
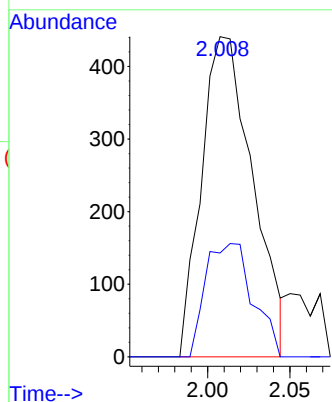
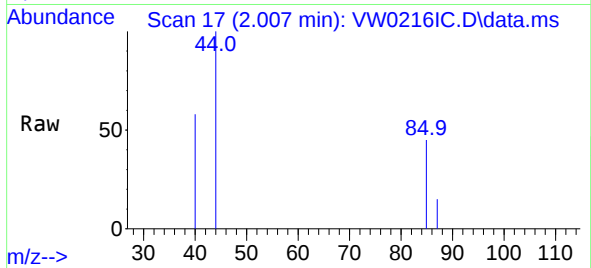




#2
Dichlorodifluoromethane
Concen: 2.165 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

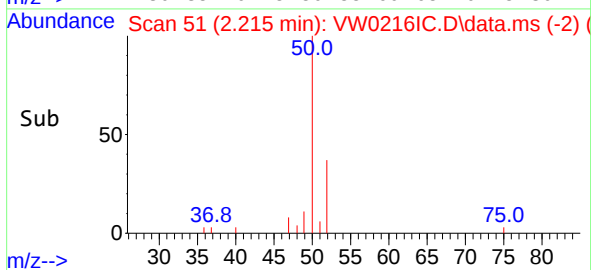
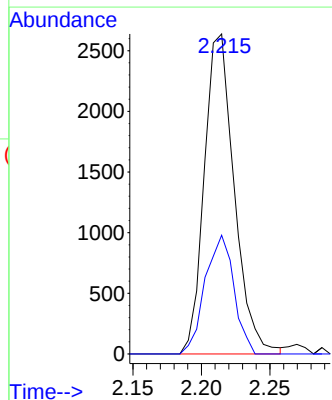
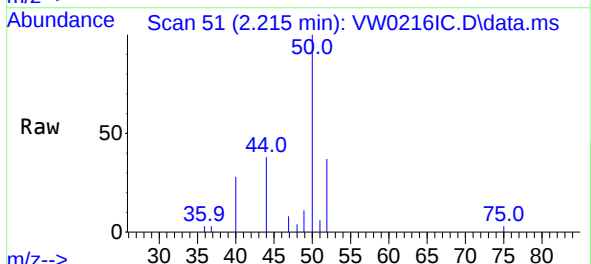
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ClientSampleId :

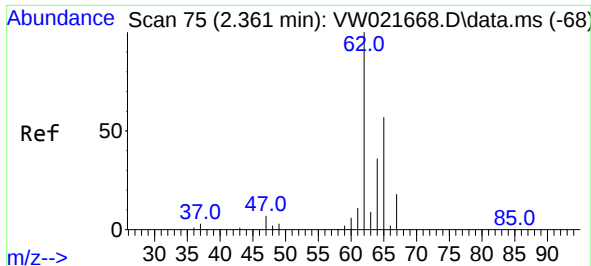
Tgt Ion: 85 Resp: 956
Ion Ratio Lower Upper
85 100
87 13.5 25.8 38.6#



#3
Chloromethane
Concen: 2.942 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 50 Resp: 4022
Ion Ratio Lower Upper
50 100
52 37.1 23.4 43.6

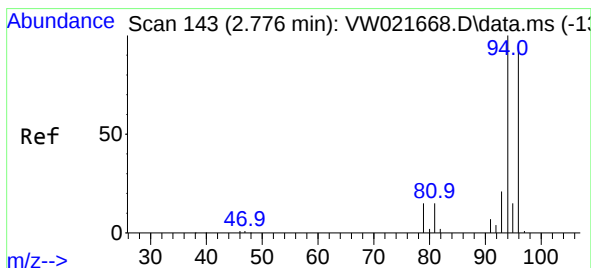
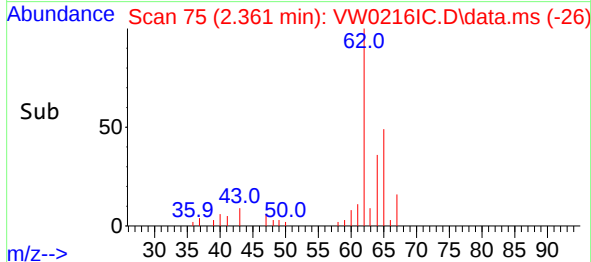
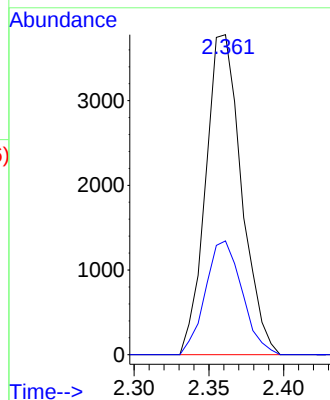
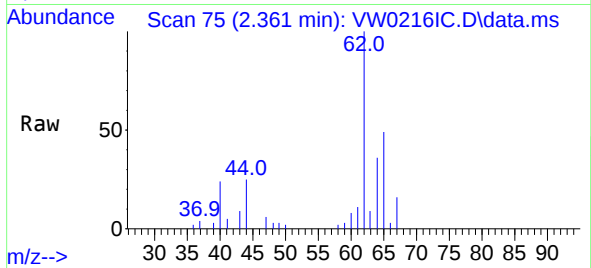




#5
 Vinyl chloride
 Concen: 3.012 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW0216IC.D
 Acq: 28 Dec 2021 09:50

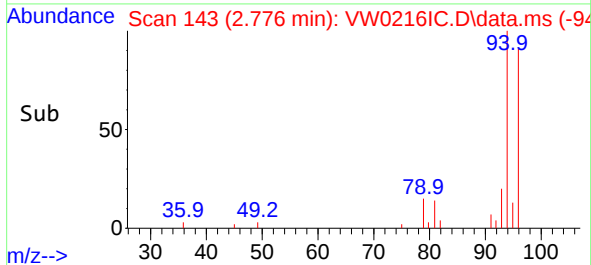
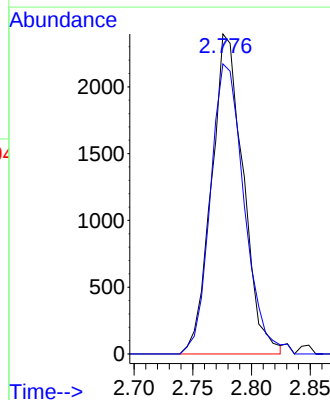
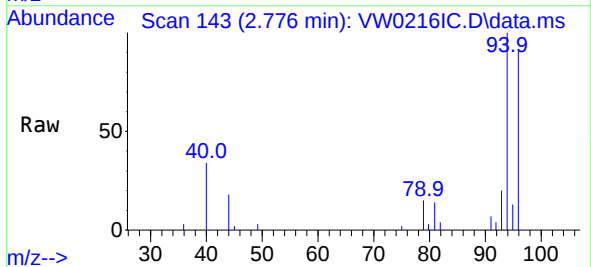
Instrument :
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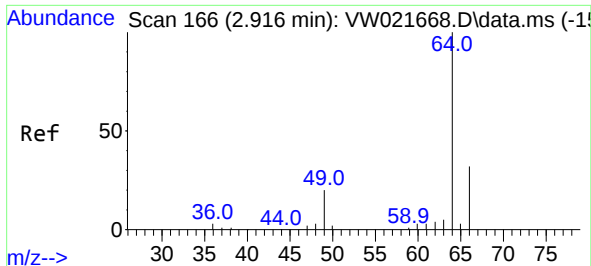
Tgt Ion: 62 Resp: 6301
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.4 45.2



#6
 Bromomethane
 Concen: 3.313 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW0216IC.D
 Acq: 28 Dec 2021 09:50

Tgt Ion: 94 Resp: 4501
 Ion Ratio Lower Upper
 94 100
 96 90.7 64.8 120.4

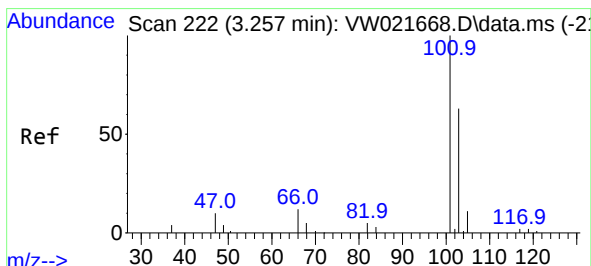
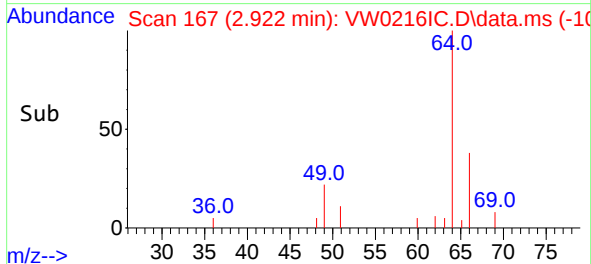
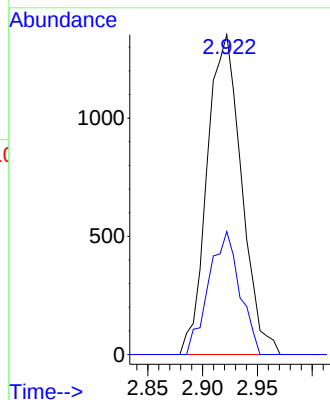
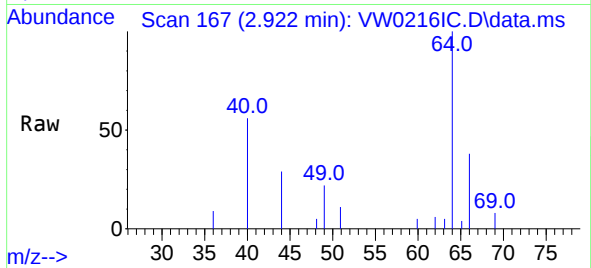




#8
Chloroethane
Concen: 3.036 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

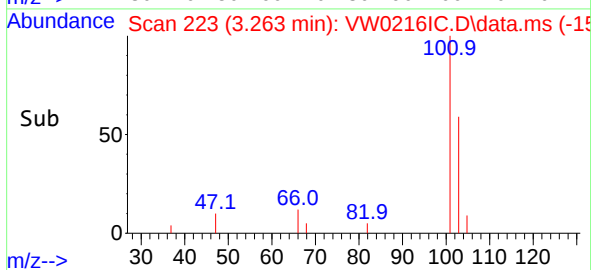
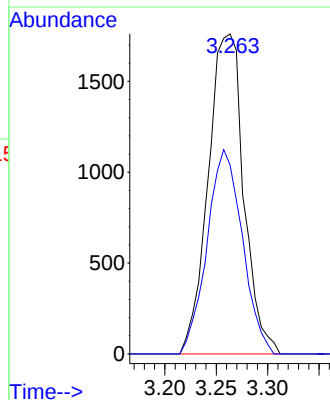
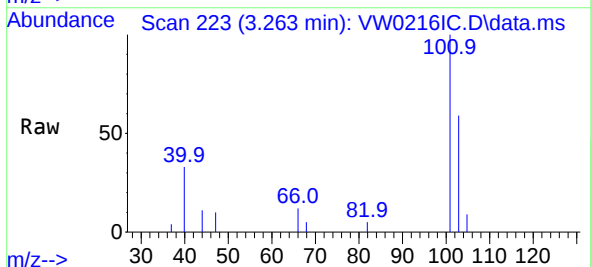
Instrument :
MSVOA_W
ClientSampleId :

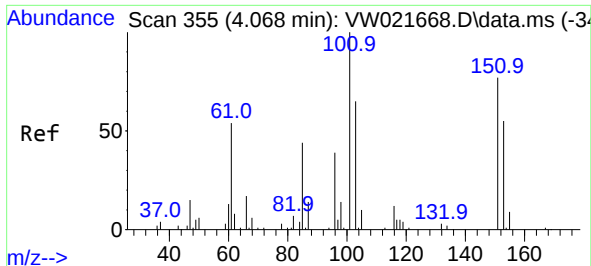
Tgt Ion: 64 Resp: 2955
Ion Ratio Lower Upper
64 100
66 38.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 3.743 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion:101 Resp: 4239
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

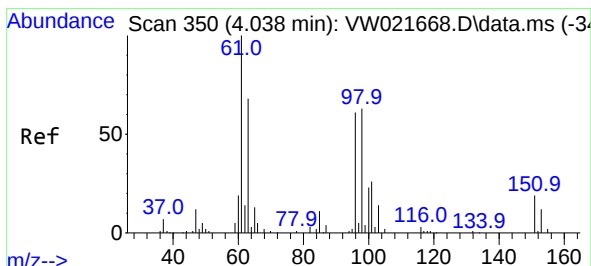
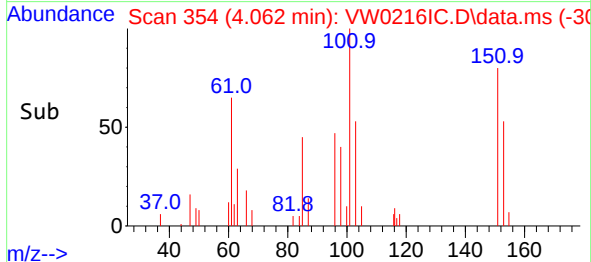
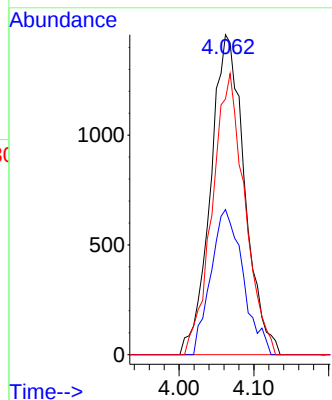
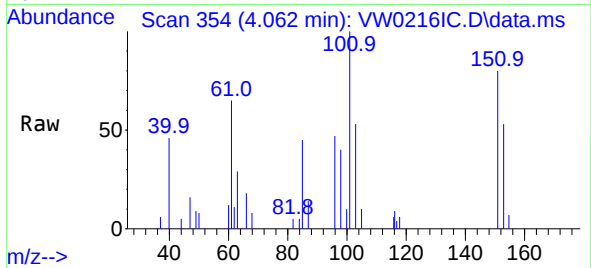




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.199 ug/L
RT: 4.062 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

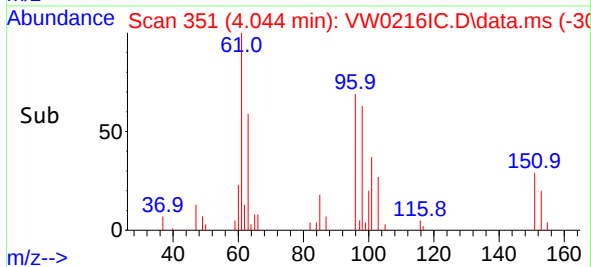
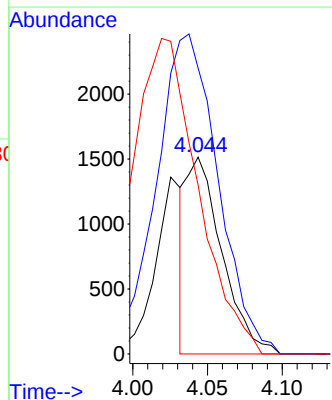
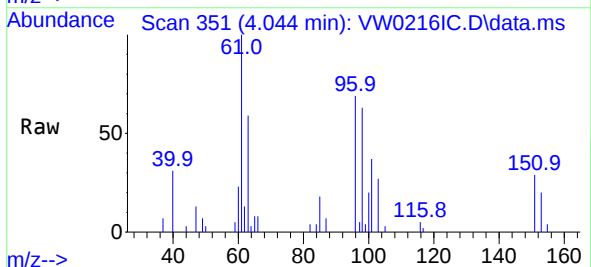
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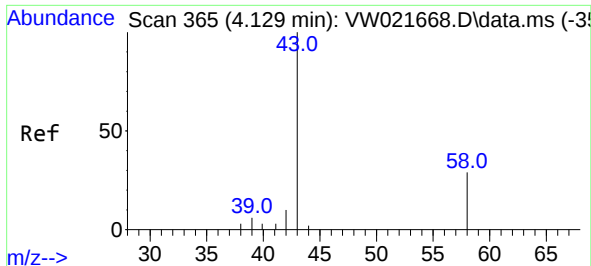
Tgt Ion:101 Resp: 4612
Ion Ratio Lower Upper
101 100
85 42.9 36.6 54.8
151 84.1 57.4 86.0



#12
1,1-Dichloroethene
Concen: 1.916 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 96 Resp: 2484
Ion Ratio Lower Upper
96 100
61 145.3 138.3 256.9
63 85.9 82.6 153.4

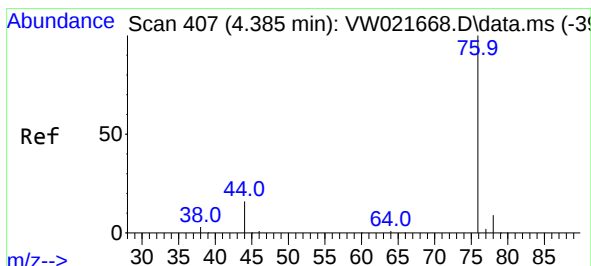
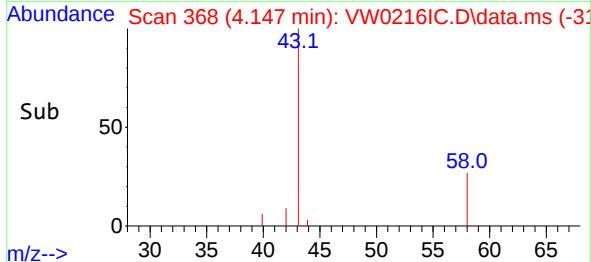
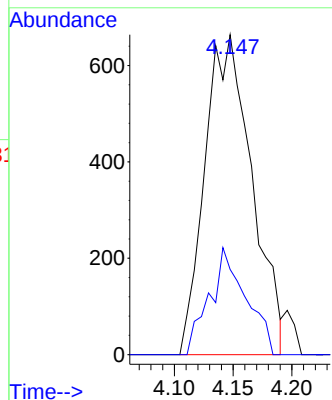
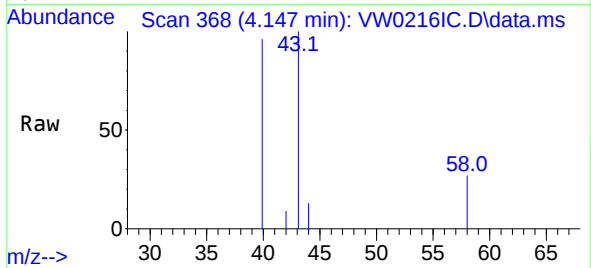




#13
Acetone
Concen: 7.569 ug/L
RT: 4.147 min Scan# 30
Delta R.T. 0.018 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

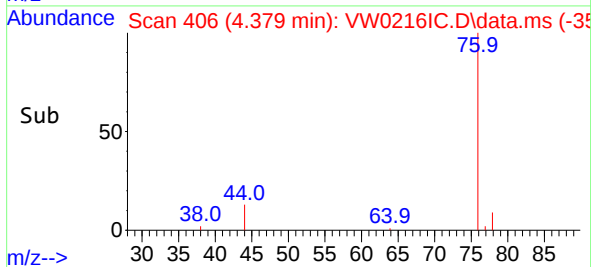
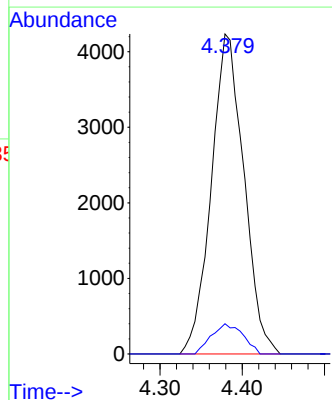
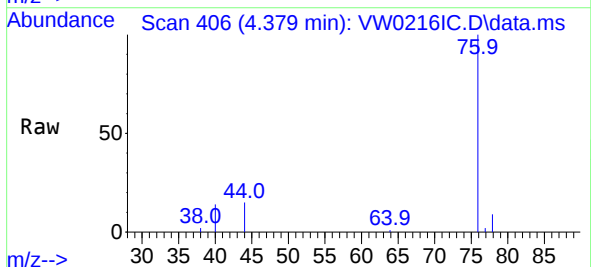
Instrument :
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ClientSampleId :

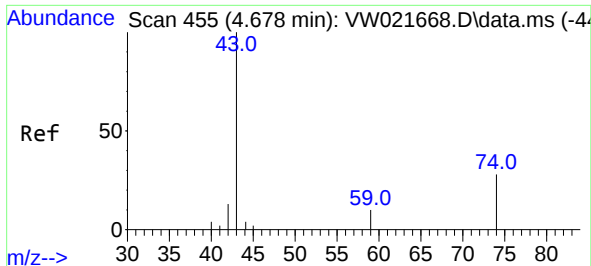
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
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58 26.0 0.0 52.8



#14
Carbon disulfide
Concen: 3.368 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 76 Resp: 11655
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

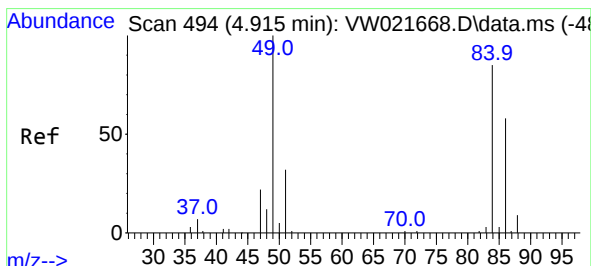
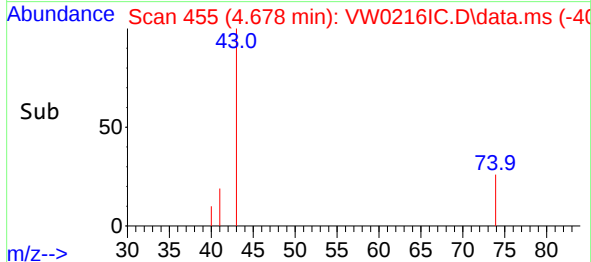
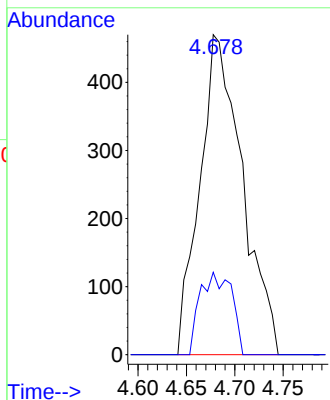
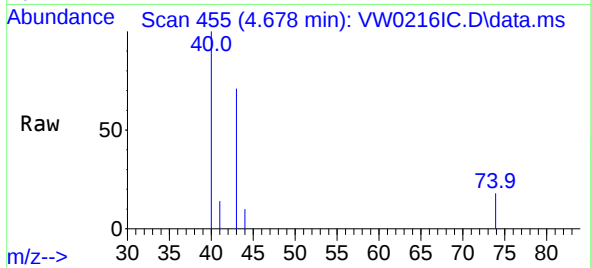




#15
Methyl Acetate
Concen: 3.382 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

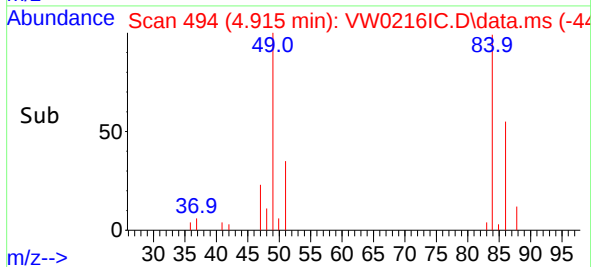
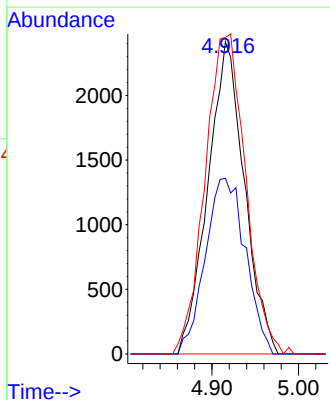
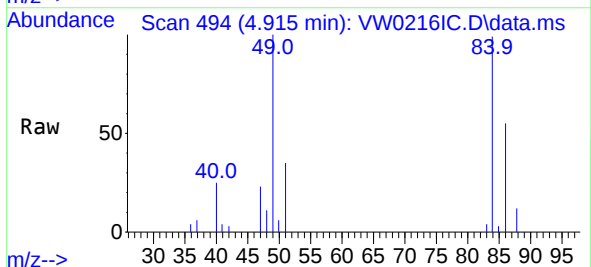
Instrument :
MSVOA_W
ClientSampleId :

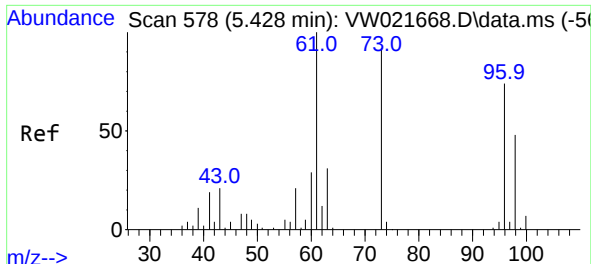
Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
74 12.2 16.4 24.6#



#16
Methylene chloride
Concen: 4.144 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

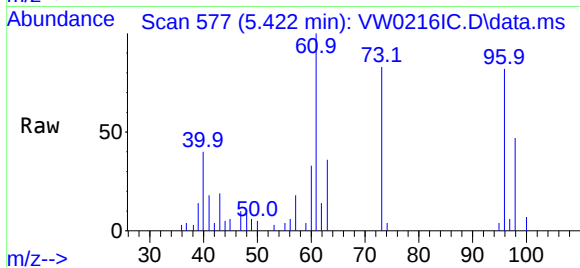
Tgt Ion: 84 Resp: 7078
Ion Ratio Lower Upper
84 100
86 56.3 45.5 84.5
49 101.4 100.5 186.7





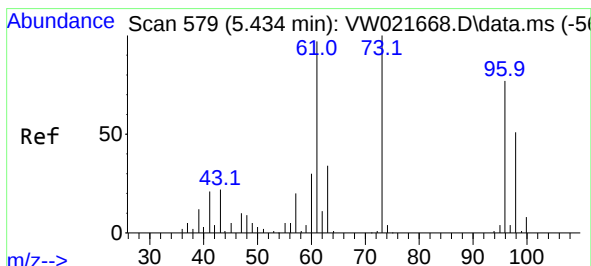
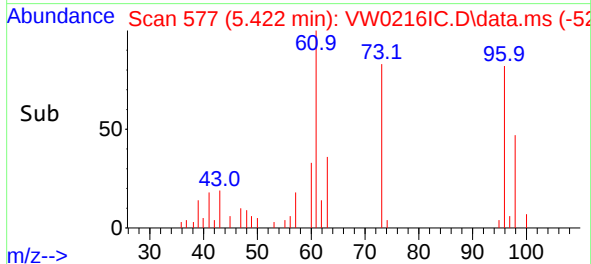
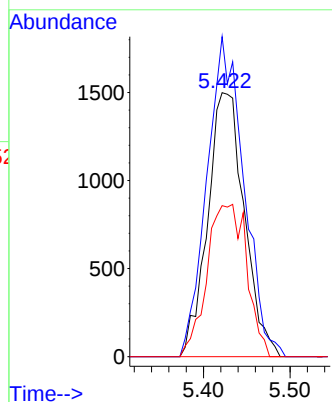
#17
trans-1,2-Dichloroethene
Concen: 3.150 ug/L
RT: 5.422 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 4413

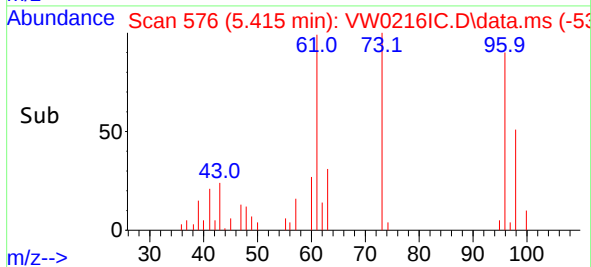
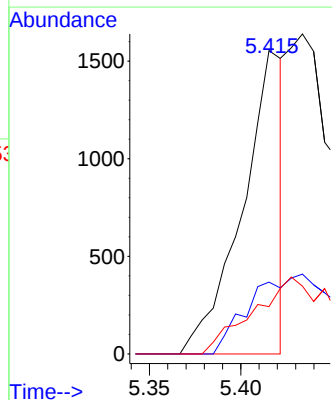
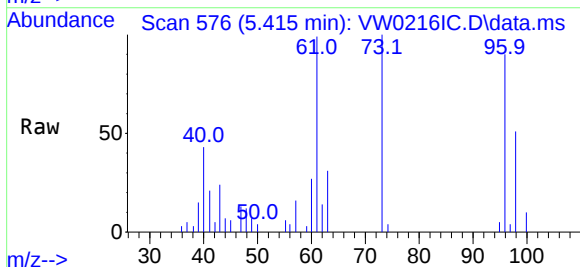
Ion	Ratio	Lower	Upper
96	100		
61	121.2	107.4	199.4
98	57.2	41.2	76.6

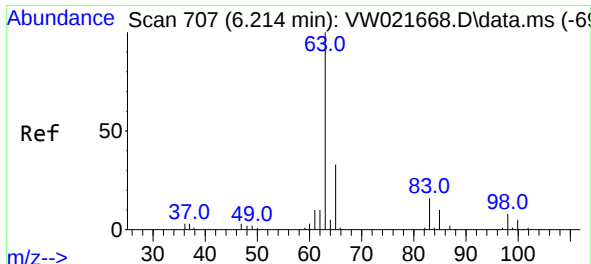


#18
Methyl tert-butyl Ether
Concen: 1.221 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.018 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 73 Resp: 2421

Ion	Ratio	Lower	Upper
73	100		
43	23.3	19.5	29.3
57	0.0	19.3	28.9





#19

1,1-Dichloroethane

Concen: 3.048 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

ClientSampleId :

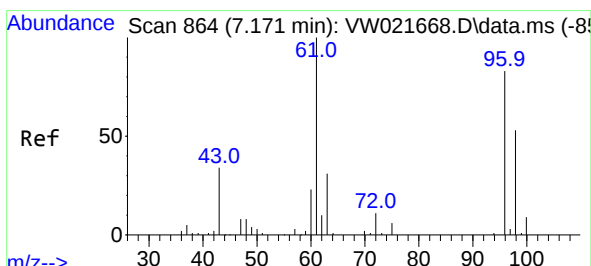
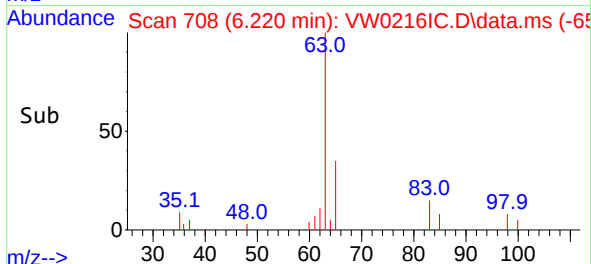
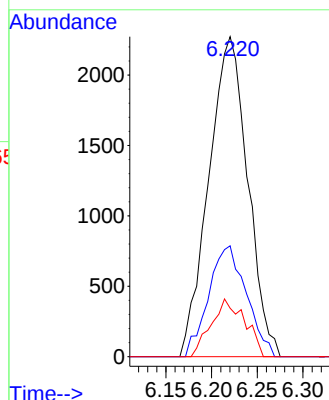
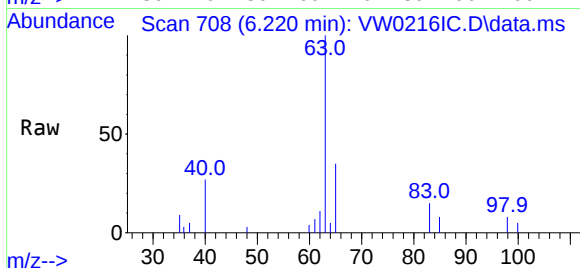
Tgt Ion: 63 Resp: 6728

Ion Ratio Lower Upper

63 100

65 34.7 22.1 41.1

83 15.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 2.993 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

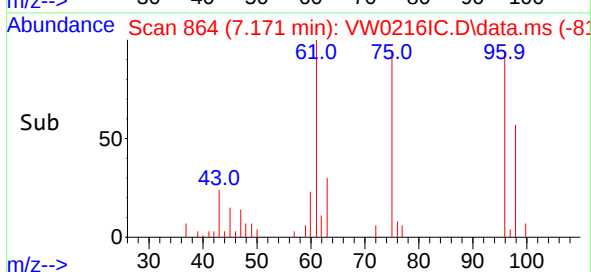
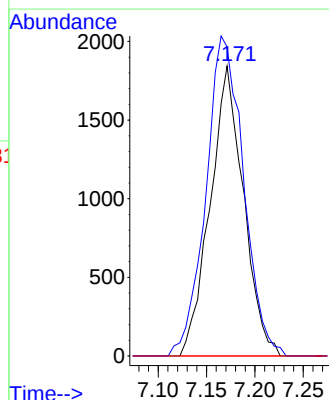
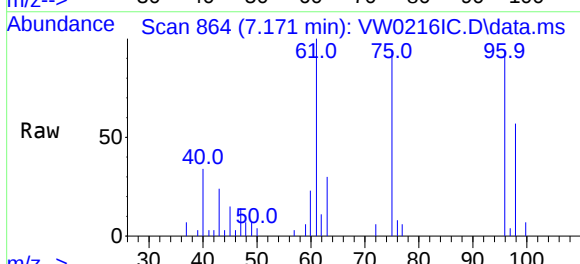
Tgt Ion: 96 Resp: 4422

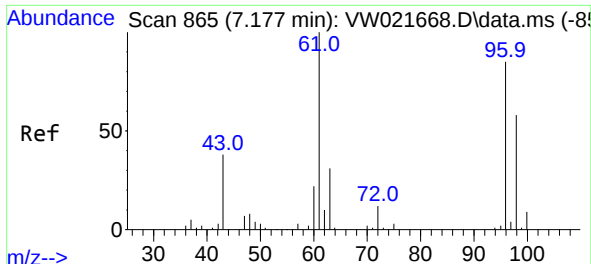
Ion Ratio Lower Upper

96 100

61 106.6 103.7 192.7

68 0.0 0.0 0.0

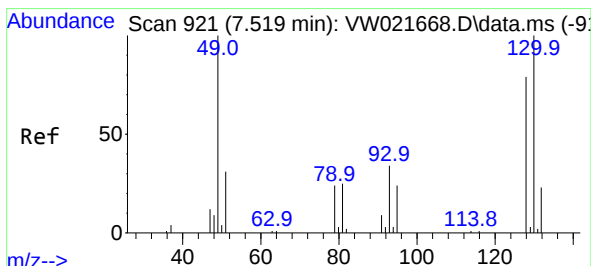
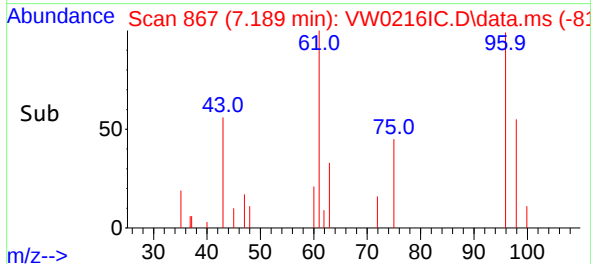
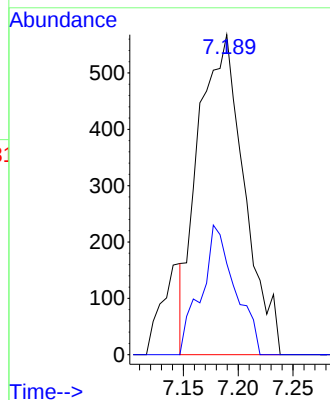
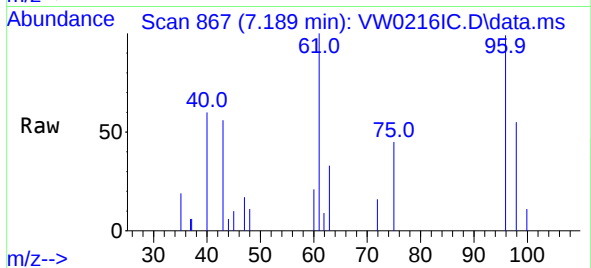




#22
2-Butanone
Concen: 5.129 ug/L
RT: 7.189 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

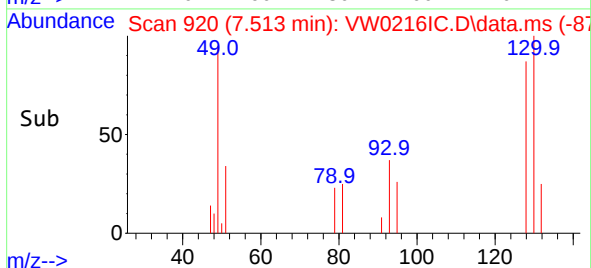
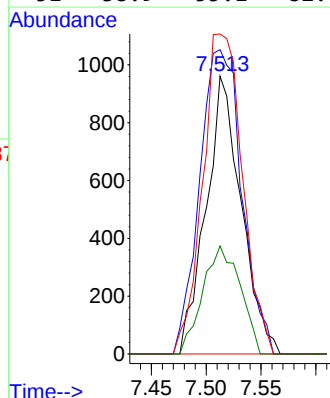
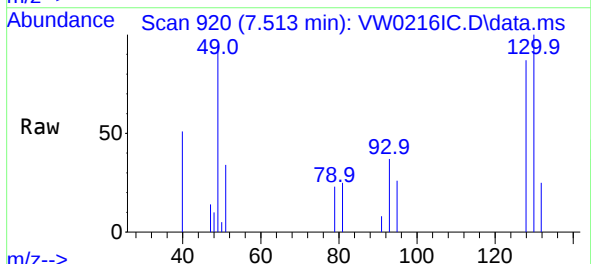
Instrument :
MSVOA_W
ClientSampleId :

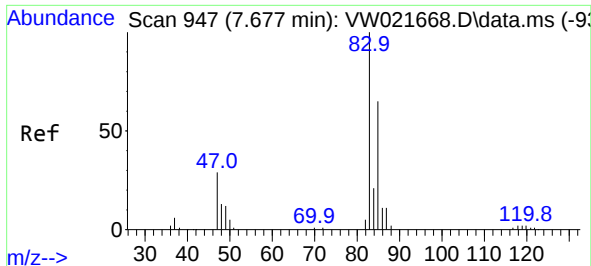
Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
72 29.9 11.8 35.4



#23
Bromochloromethane
Concen: 3.082 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 128 Resp: 2154
Ion Ratio Lower Upper
128 100
49 109.6 150.3 279.1#
130 115.2 88.3 163.9
51 38.9 55.1 82.7#





#25

Chloroform

Concen: 3.019 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

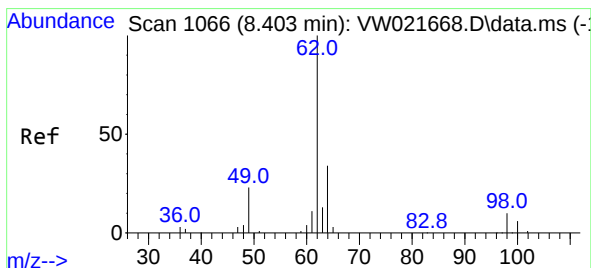
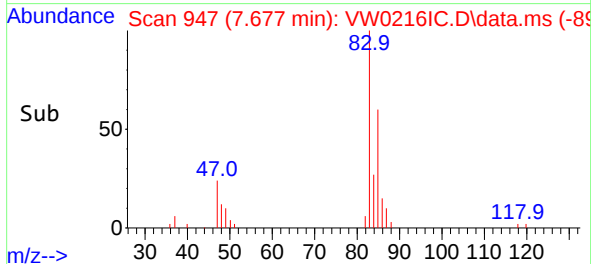
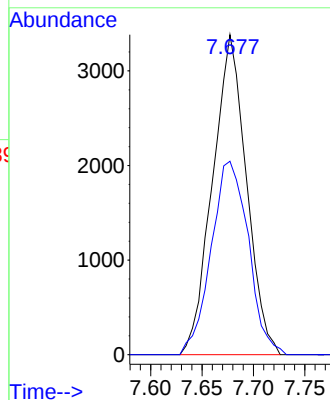
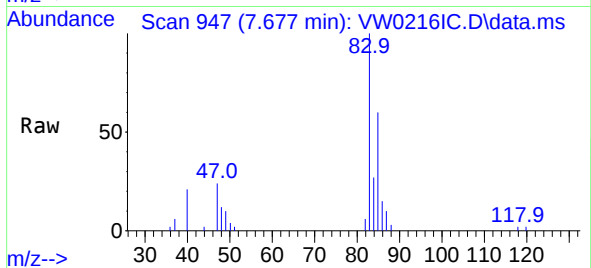
ClientSampleId :

Tgt Ion: 83 Resp: 7743

Ion Ratio Lower Upper

83 100

85 60.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 3.055 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW0216IC.D

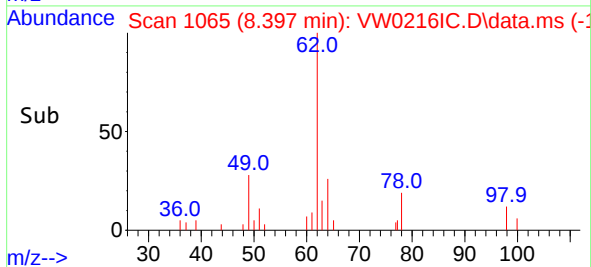
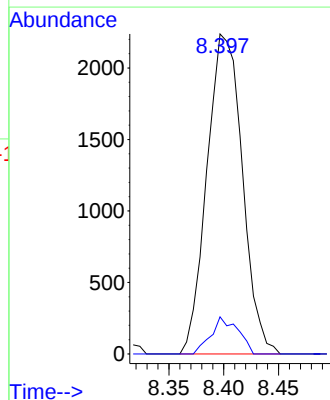
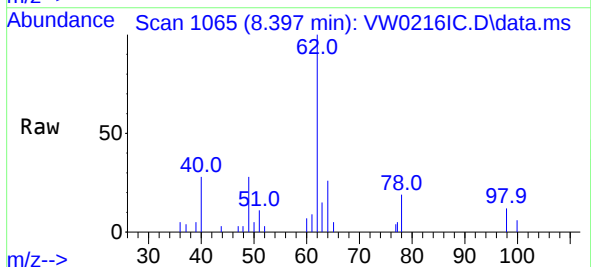
Acq: 28 Dec 2021 09:50

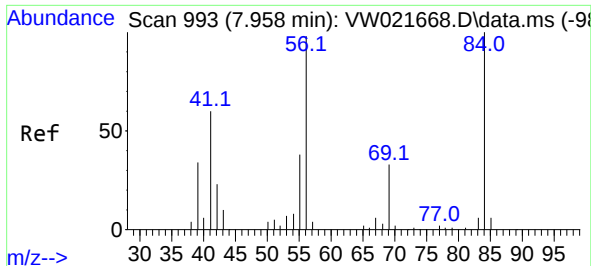
Tgt Ion: 62 Resp: 5031

Ion Ratio Lower Upper

62 100

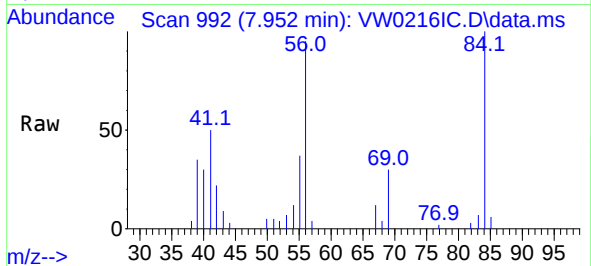
98 11.6 6.5 9.7#



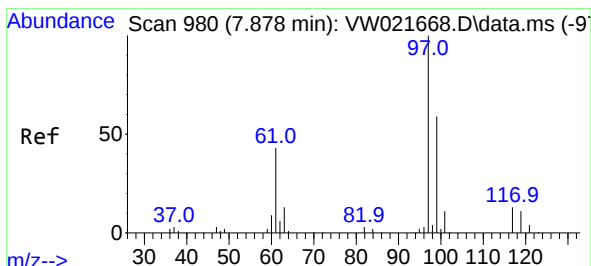
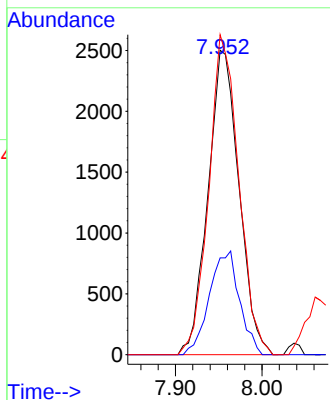
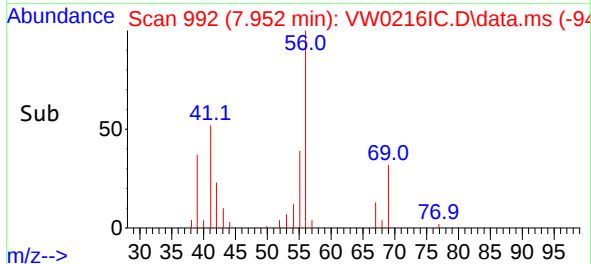


#29
Cyclohexane
Concen: 3.001 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :

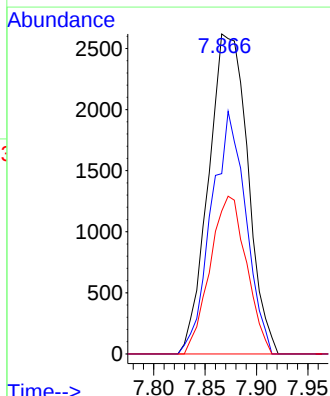
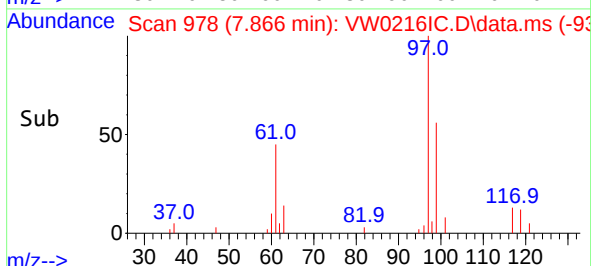
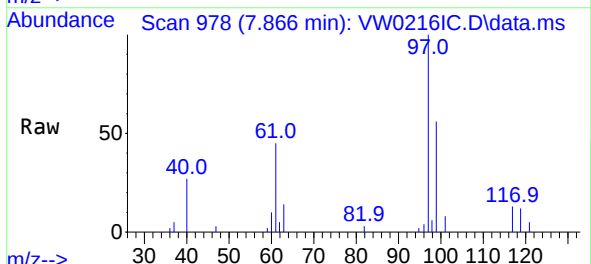


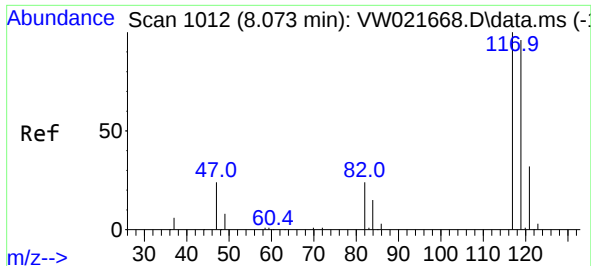
Tgt Ion: 56 Resp: 6217
Ion Ratio Lower Upper
56 100
69 33.0 23.5 35.3
84 101.6 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 2.971 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.012 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 97 Resp: 6966
Ion Ratio Lower Upper
97 100
99 66.9 51.6 77.4
61 45.7 40.9 61.3

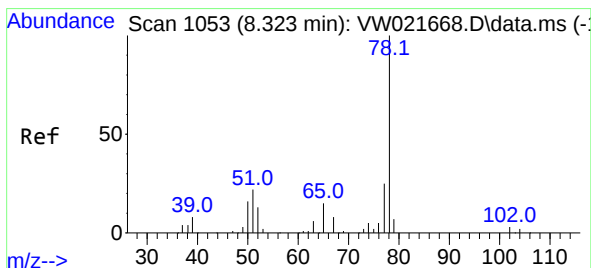
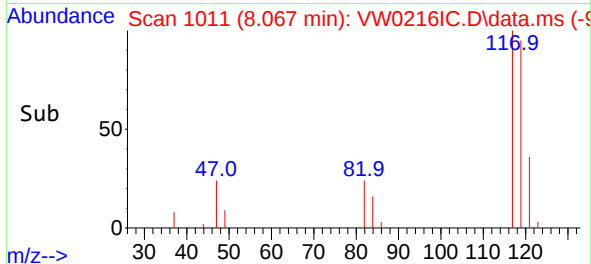
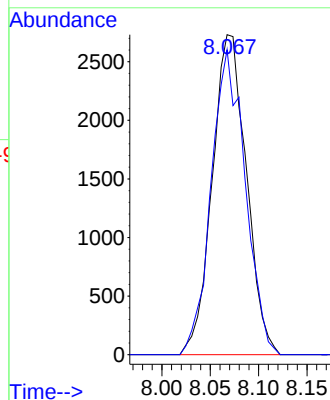
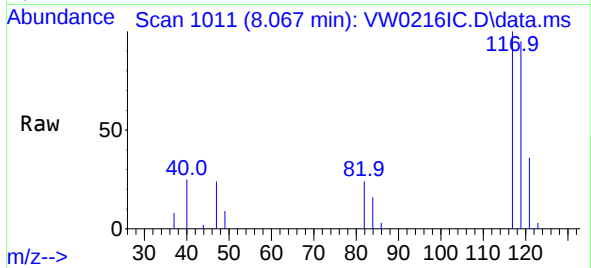




#31
Carbon tetrachloride
Concen: 3.067 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

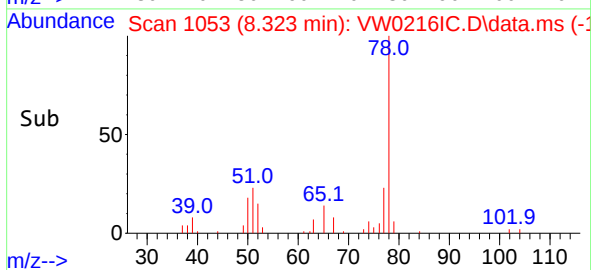
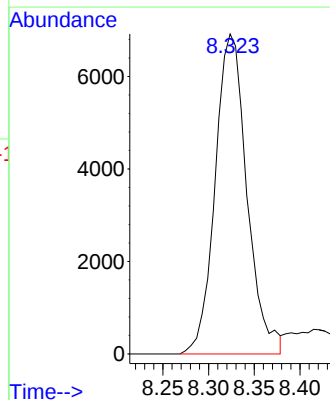
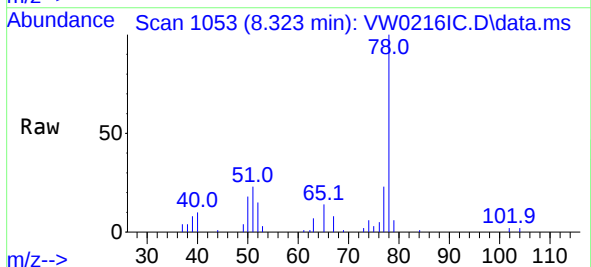
Instrument :
MSVOA_W
ClientSampleId :

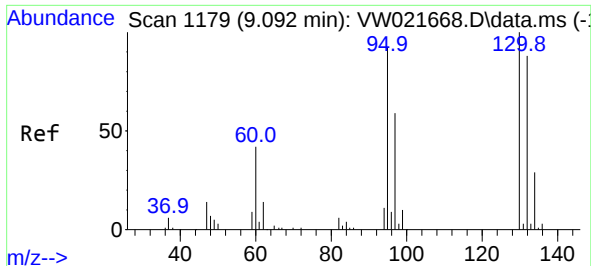
Tgt Ion:117 Resp: 6702
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5



#33
Benzene
Concen: 2.956 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

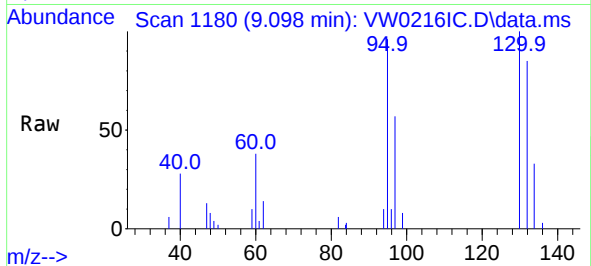
Tgt Ion: 78 Resp: 16745





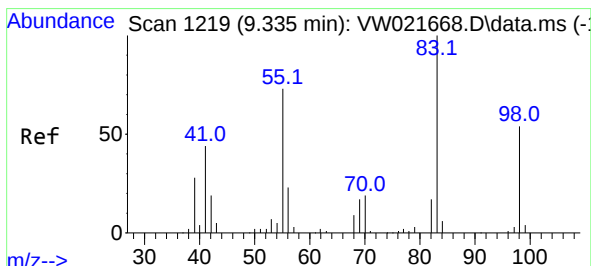
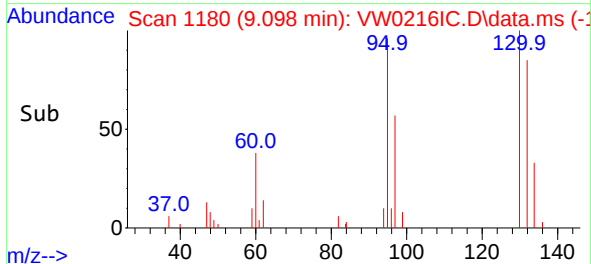
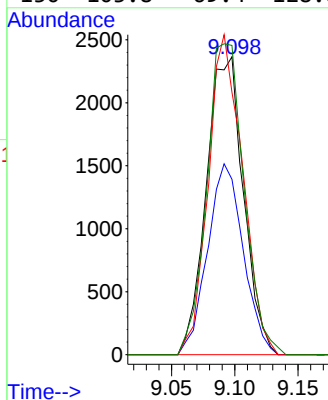
#34
Trichloroethene
Concen: 3.019 ug/L
RT: 9.098 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 4814

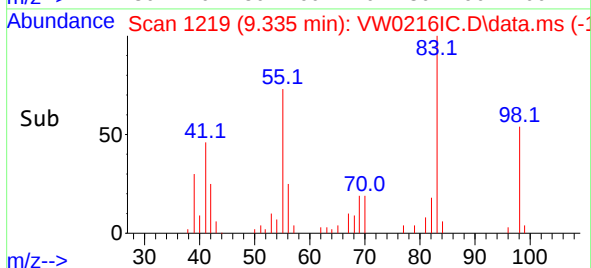
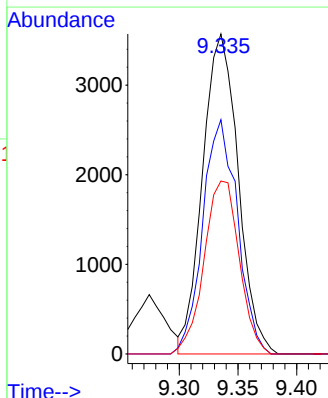
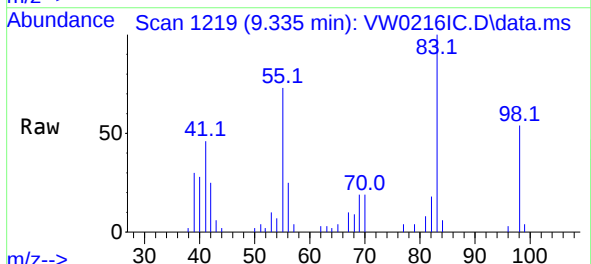
Ion	Ratio	Lower	Upper
95	100		
97	58.8	47.0	87.2
132	88.1	65.5	121.6
130	103.8	69.4	128.8

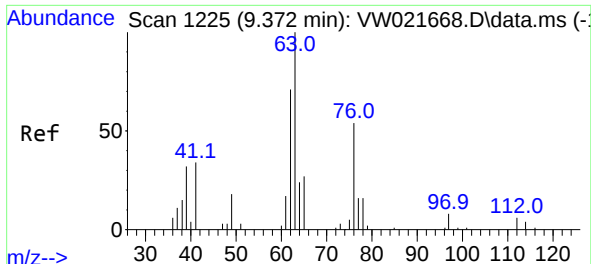


#35
Methylcyclohexane
Concen: 2.859 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 83 Resp: 7516

Ion	Ratio	Lower	Upper
83	100		
55	71.2	70.8	106.2
98	53.6	37.7	56.5





#37

1,2-Dichloropropane

Concen: 2.904 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

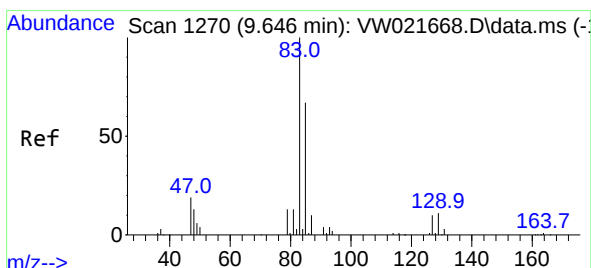
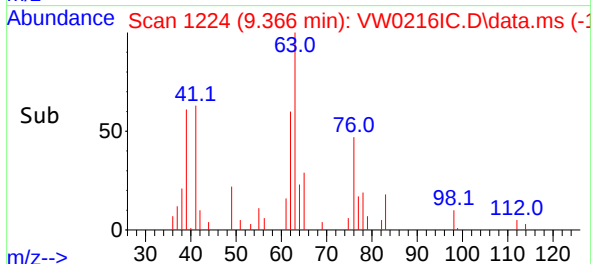
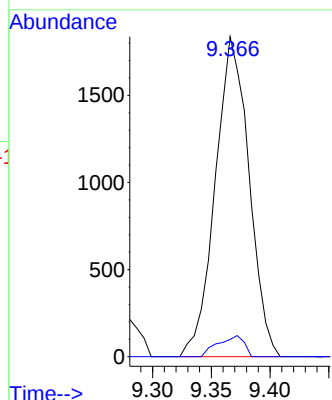
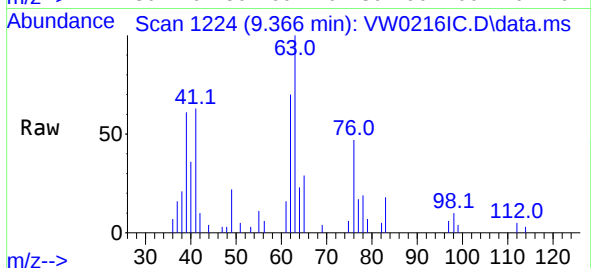
ClientSampleId :

Tgt Ion: 63 Resp: 3669

Ion Ratio Lower Upper

63 100

112 5.1 3.2 4.8#



#38

Bromodichloromethane

Concen: 3.025 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

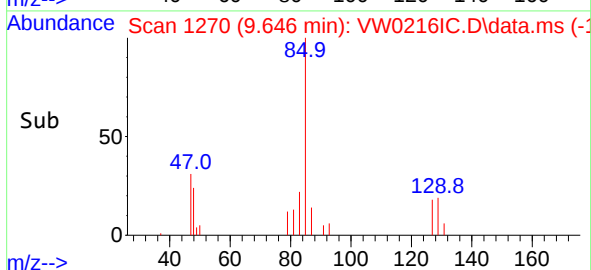
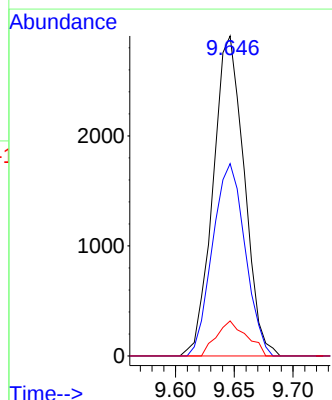
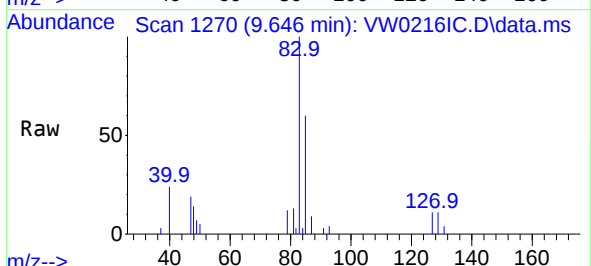
Tgt Ion: 83 Resp: 5364

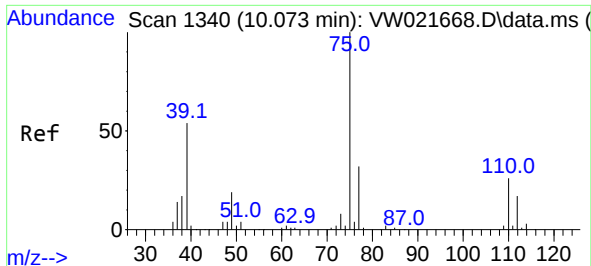
Ion Ratio Lower Upper

83 100

85 60.1 44.1 81.9

127 11.0 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 2.784 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

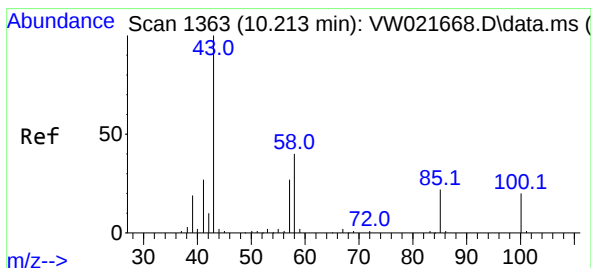
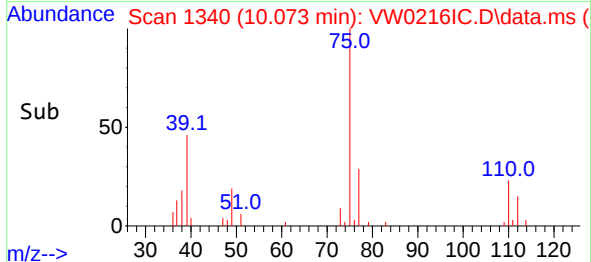
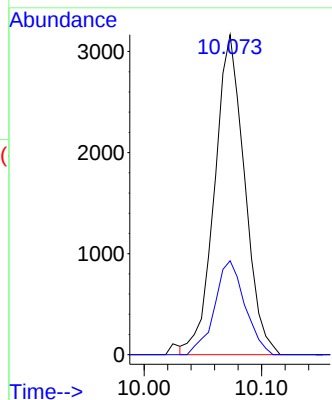
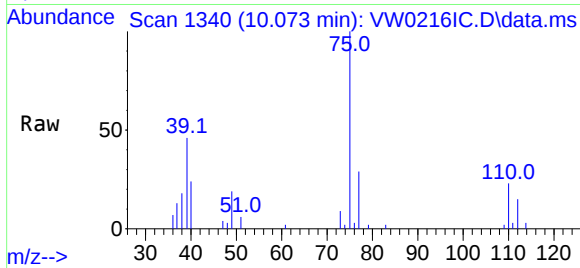
ClientSampleId :

Tgt Ion: 75 Resp: 5617

Ion Ratio Lower Upper

75 100

77 29.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 5.691 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

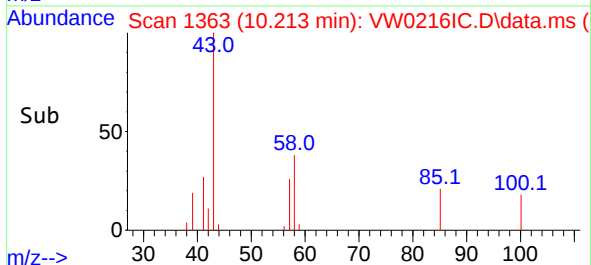
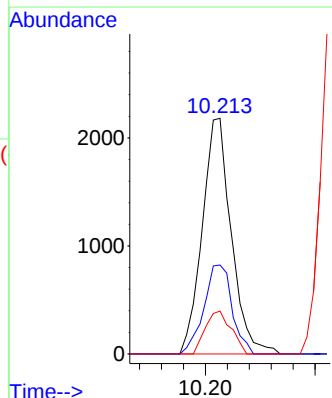
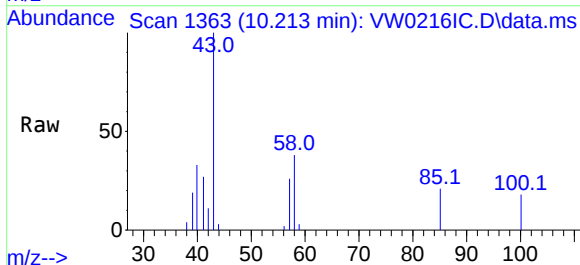
Tgt Ion: 43 Resp: 4013

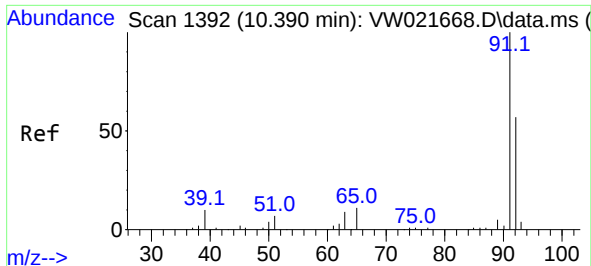
Ion Ratio Lower Upper

43 100

58 36.6 28.8 43.2

100 16.1 10.0 15.0#





#42

Toluene

Concen: 2.749 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

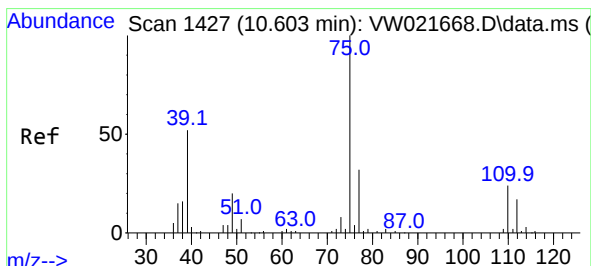
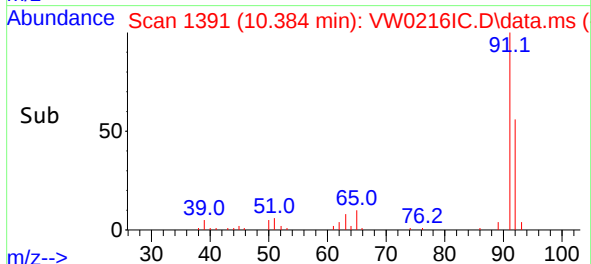
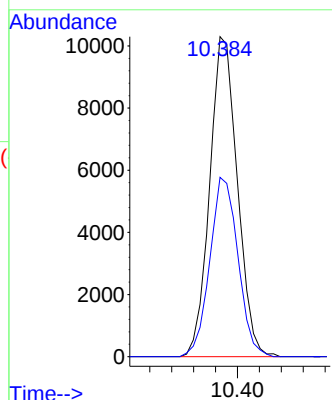
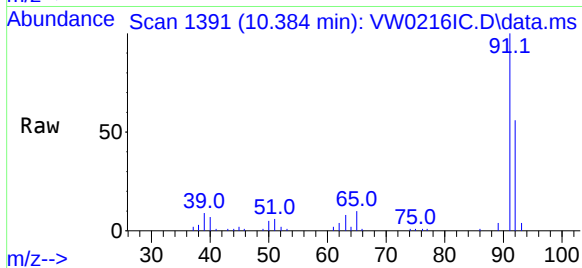
ClientSampleId :

Tgt Ion: 91 Resp: 18039

Ion Ratio Lower Upper

91 100

92 56.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 2.617 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW0216IC.D

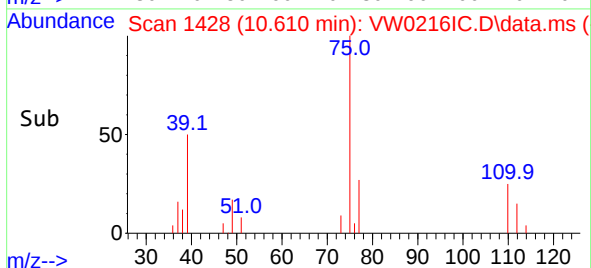
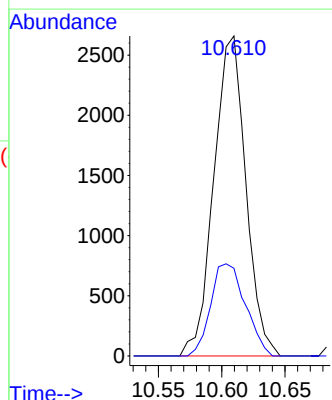
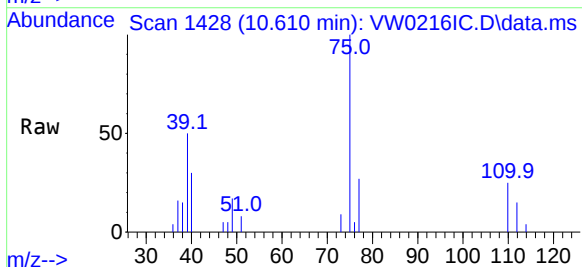
Acq: 28 Dec 2021 09:50

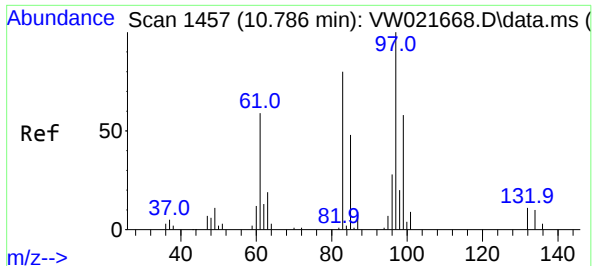
Tgt Ion: 75 Resp: 4681

Ion Ratio Lower Upper

75 100

77 27.4 22.2 41.2



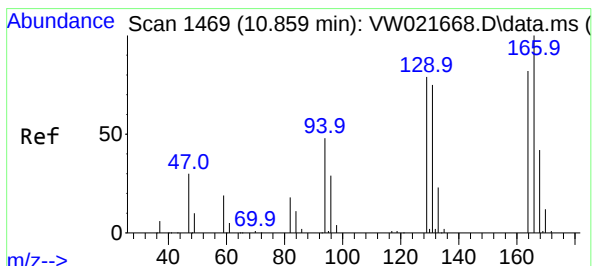
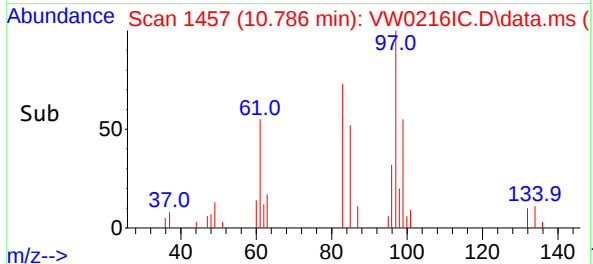
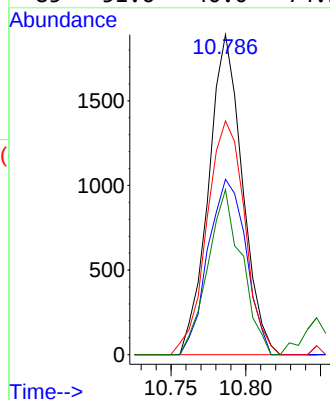
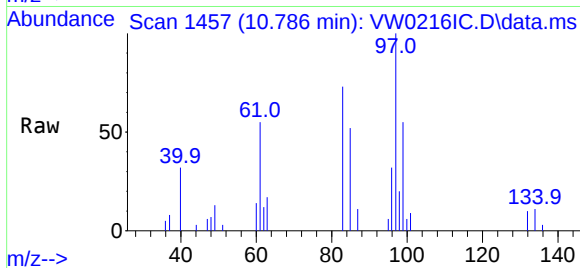


#45
1,1,2-Trichloroethane
Concen: 2.837 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 2977

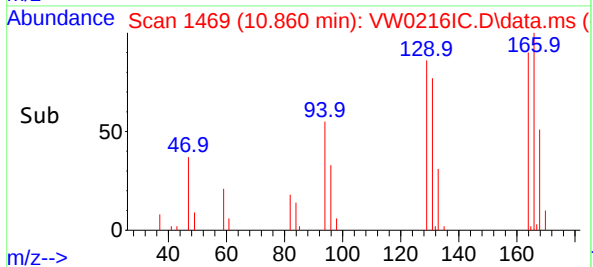
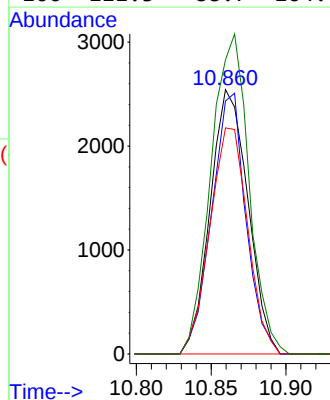
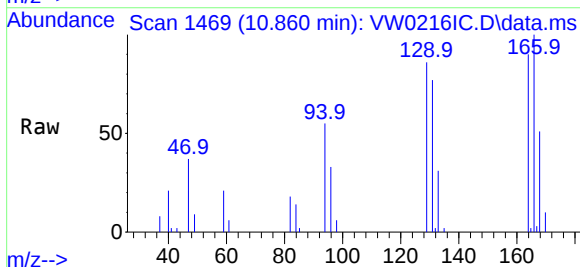
Ion	Ratio	Lower	Upper
97	100		
99	54.8	43.0	79.8
83	73.0	62.6	116.3
85	51.6	40.0	74.2



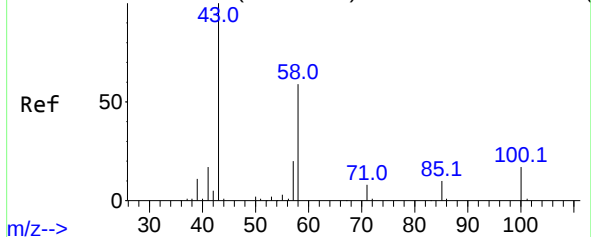
#46
Tetrachloroethene
Concen: 2.965 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 164 Resp: 4464

Ion	Ratio	Lower	Upper
164	100		
129	95.7	65.5	121.7
131	85.5	59.7	110.9
166	111.3	88.7	164.7



Abundance Scan 1487 (10.969 min): VW021668.D\data.ms (



#48

2-Hexanone

Concen: 4.428 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW0216IC.D

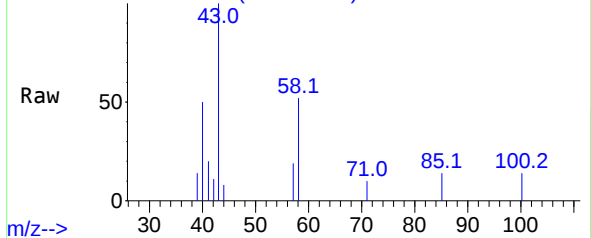
Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

ClientSampleId :

Abundance Scan 1487 (10.969 min): VW0216IC.D\data.ms



Tgt Ion: 43 Resp: 2242

Ion Ratio Lower Upper

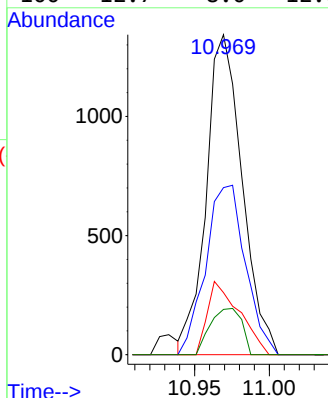
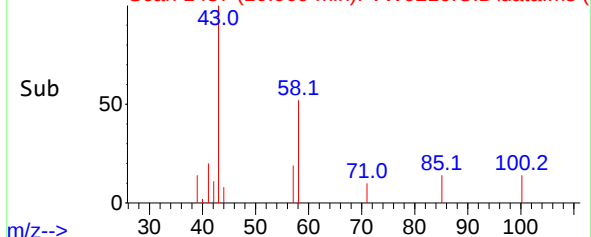
43 100

58 58.7 40.2 60.2

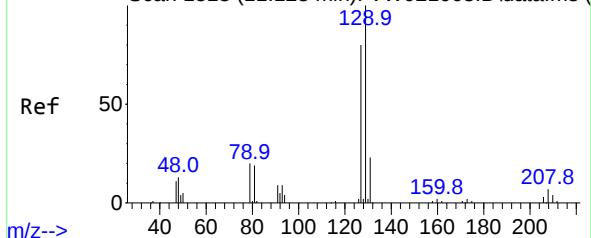
57 20.4 14.3 21.5

100 12.7 8.0 12.0#

Abundance Scan 1487 (10.969 min): VW0216IC.D\data.ms (



Abundance Scan 1513 (11.128 min): VW021668.D\data.ms (



#49

Dibromochloromethane

Concen: 2.765 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

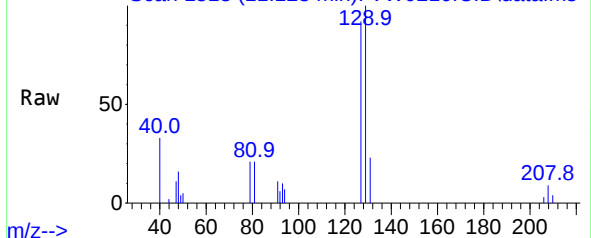
Tgt Ion: 129 Resp: 3643

Ion Ratio Lower Upper

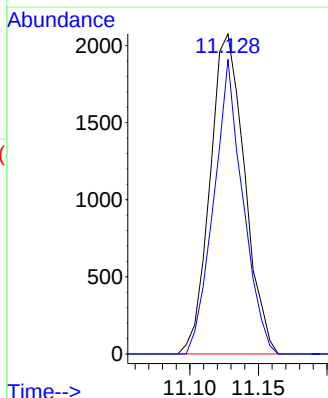
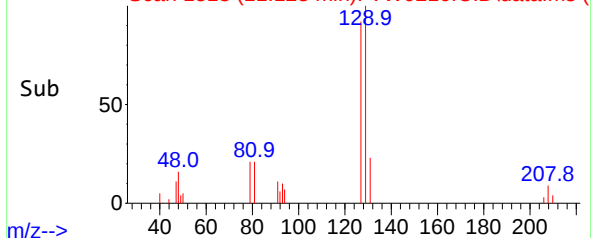
129 100

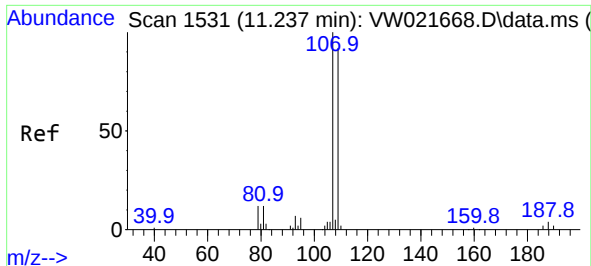
127 92.0 55.7 103.5

Abundance Scan 1513 (11.128 min): VW0216IC.D\data.ms



Abundance Scan 1513 (11.128 min): VW0216IC.D\data.ms (





#50

1,2-Dibromoethane

Concen: 2.649 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW0216IC.D

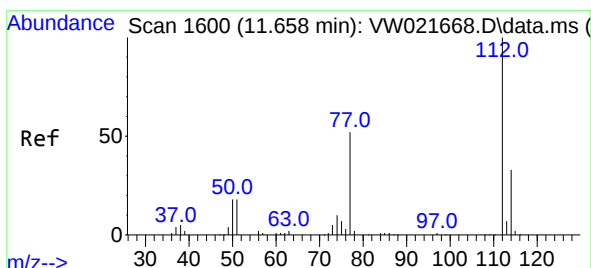
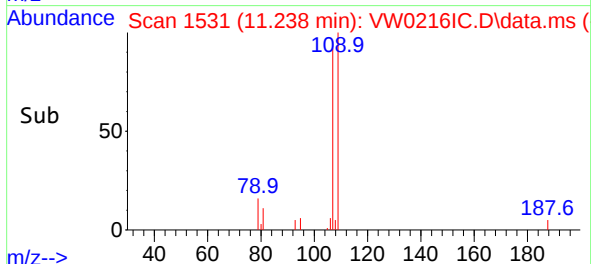
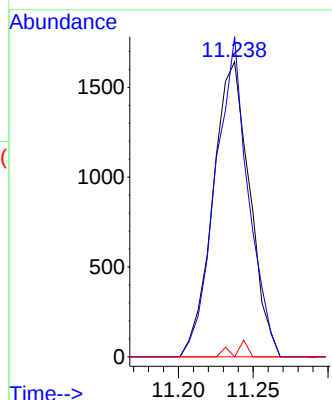
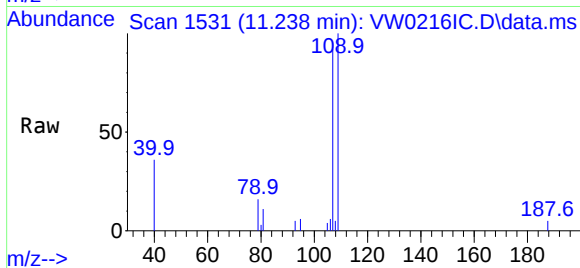
Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	2800
Ion	Ratio	Lower	Upper
107	100		
109	108.5	64.1	119.1
188	0.0	2.6	3.8#



#51

Chlorobenzene

Concen: 2.727 ug/L

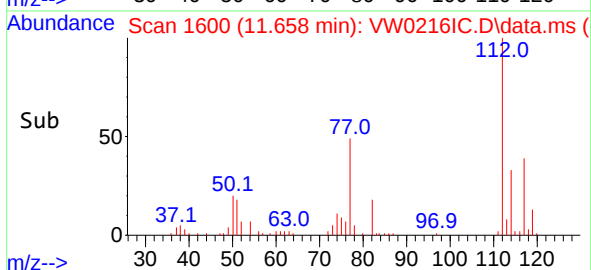
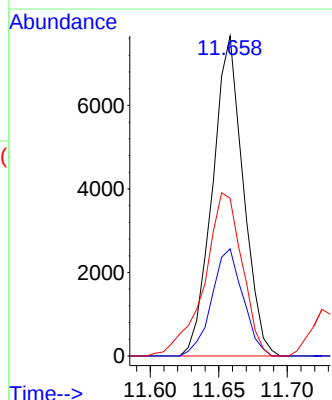
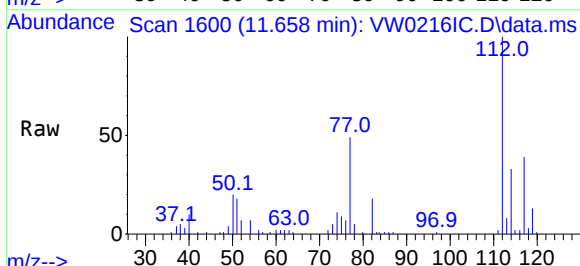
RT: 11.658 min Scan# 1600

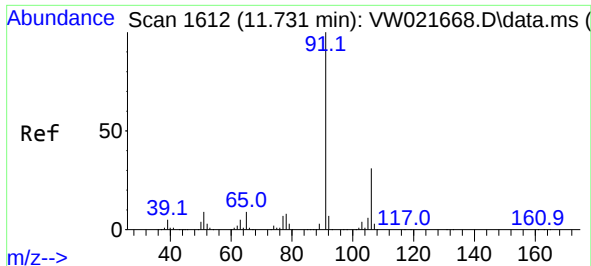
Delta R.T. 0.000 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

Tgt Ion:	112	Resp:	11957
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.4	41.6
77	49.2	50.2	75.4#

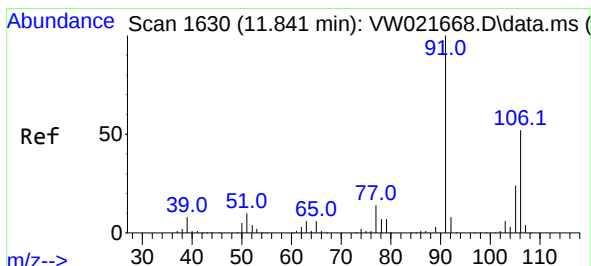
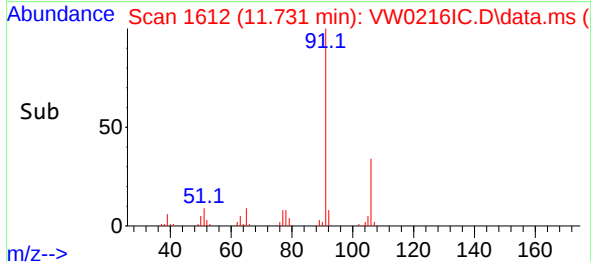
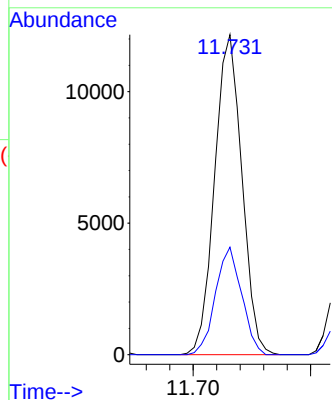
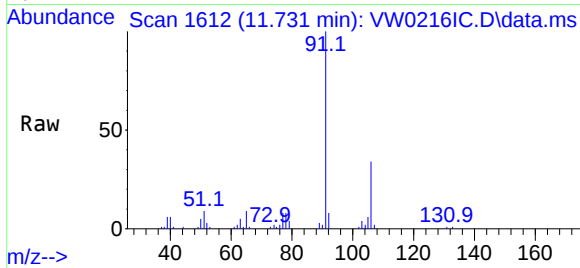




#52
Ethylbenzene
Concen: 2.633 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

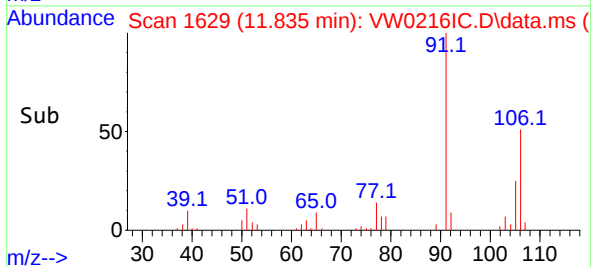
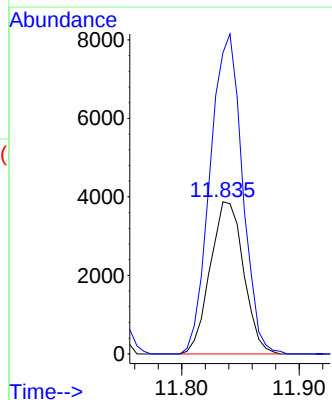
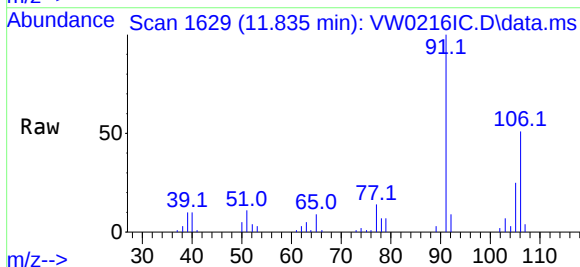
Instrument :
MSVOA_W
ClientSampleId :

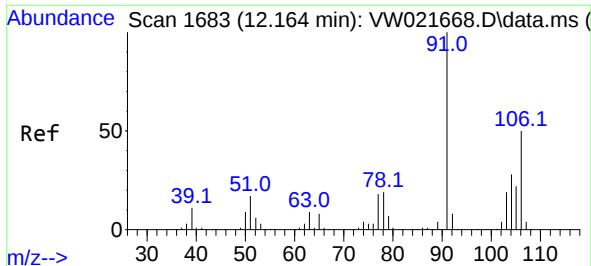
Tgt Ion: 91 Resp: 19620
Ion Ratio Lower Upper
91 100
106 33.6 21.5 39.9



#53
m,p-Xylene
Concen: 2.551 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion:106 Resp: 7646
Ion Ratio Lower Upper
106 100
91 197.9 149.9 278.3

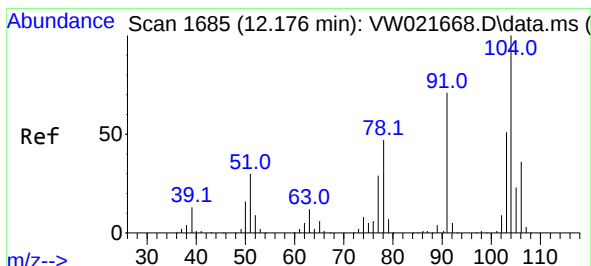
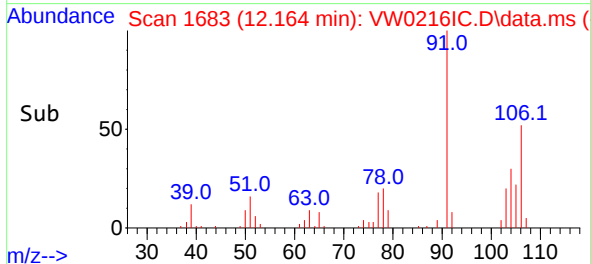
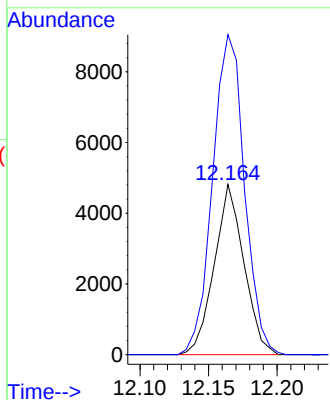
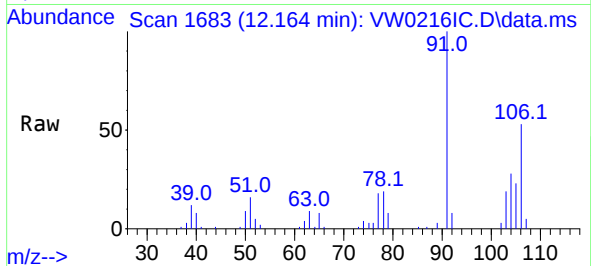




#54
o-Xylene
Concen: 2.555 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

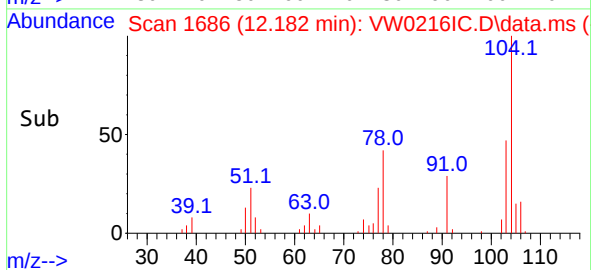
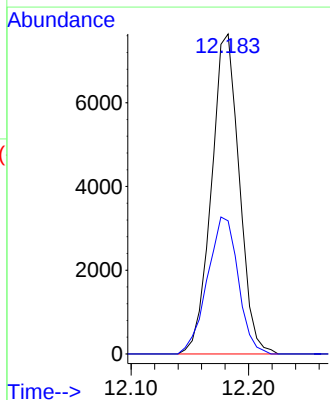
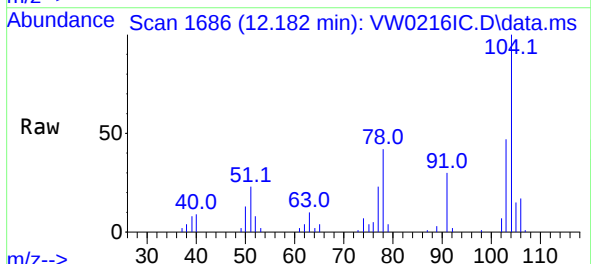
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 7242
Ion Ratio Lower Upper
106 100
91 188.1 153.6 285.3

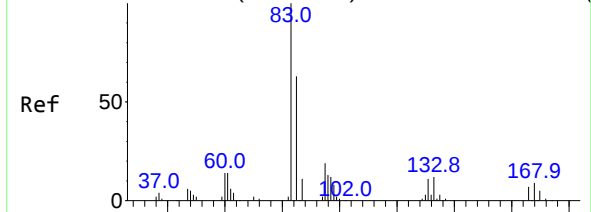


#55
Styrene
Concen: 2.582 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion:104 Resp: 12566
Ion Ratio Lower Upper
104 100
78 41.6 34.4 64.0

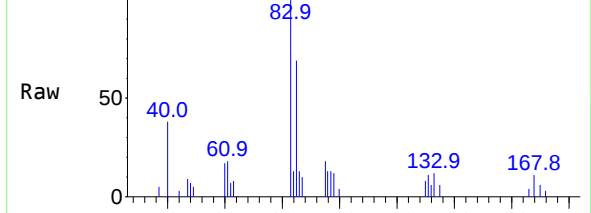


Abundance Scan 1773 (12.713 min): VW021668.D\data.ms (



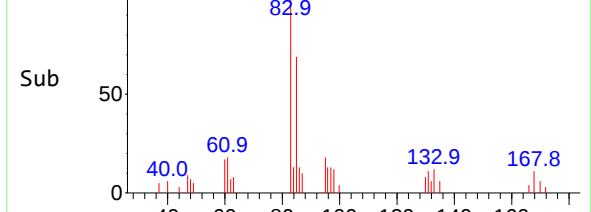
m/z-->

Abundance Scan 1773 (12.713 min): VW02161C.D\data.ms



m/z-->

Abundance Scan 1773 (12.713 min): VW02161C.D\data.ms (



m/z-->

#57

1,1,2,2-Tetrachloroethane

Concen: 2.737 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW02161C.D

Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83 Resp: 3265

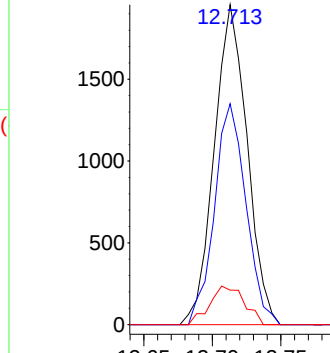
Ion Ratio Lower Upper

83 100

85 69.1 44.0 81.6

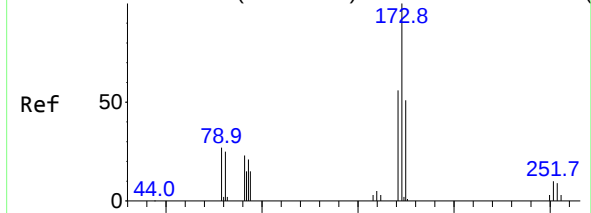
131 10.8 6.9 10.3#

Abundance



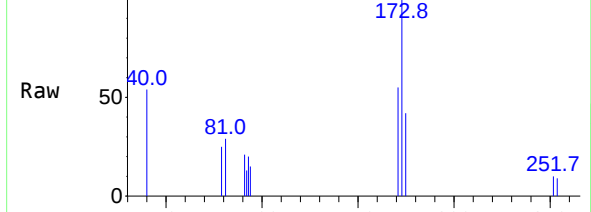
Time-->

Abundance Scan 1713 (12.347 min): VW021668.D\data.ms (



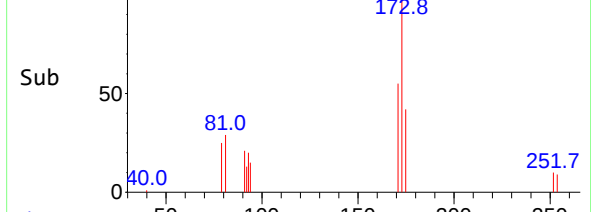
m/z-->

Abundance Scan 1714 (12.353 min): VW02161C.D\data.ms



m/z-->

Abundance Scan 1714 (12.353 min): VW02161C.D\data.ms (



m/z-->

#59

Bromoform

Concen: 2.585 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW02161C.D

Acq: 28 Dec 2021 09:50

Tgt Ion:173 Resp: 1925

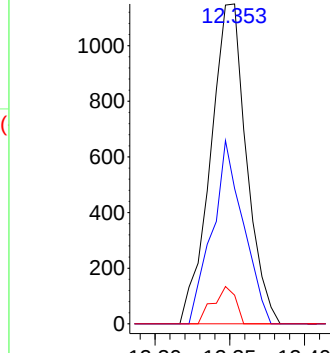
Ion Ratio Lower Upper

173 100

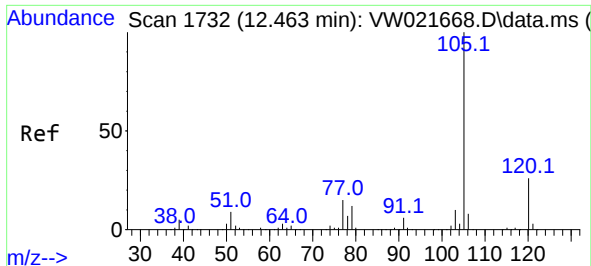
175 49.6 39.6 59.4

254 7.3 7.4 11.0#

Abundance



Time-->

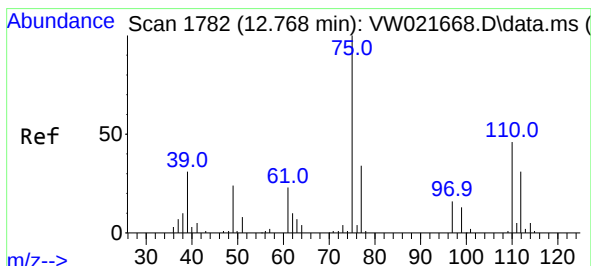
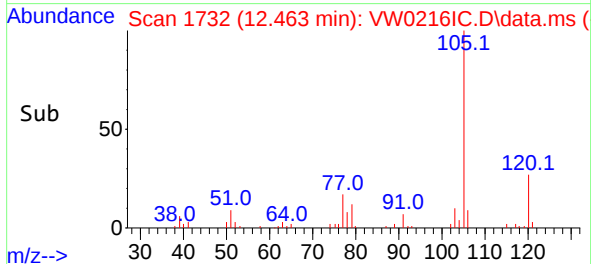
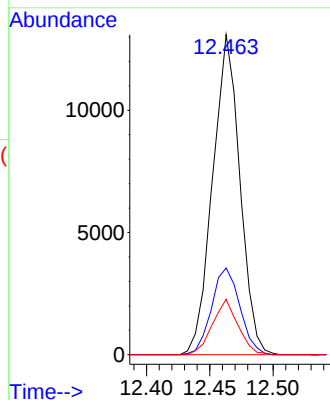
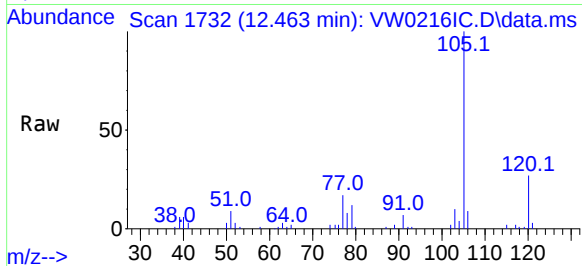


#60
Isopropylbenzene
Concen: 2.494 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 19623

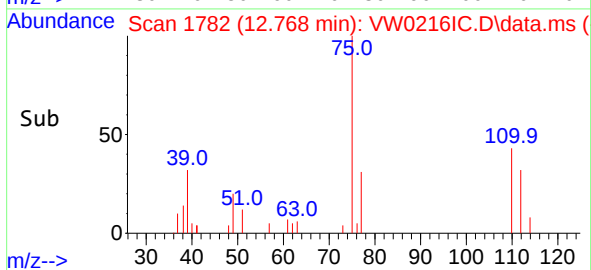
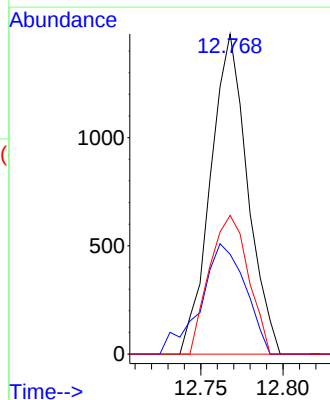
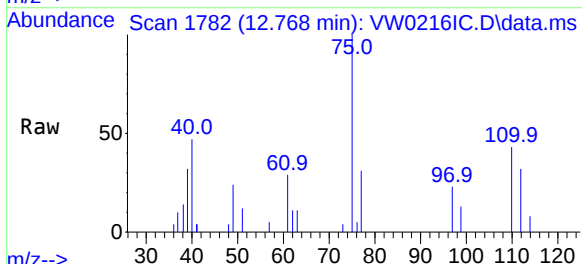
Ion	Ratio	Lower	Upper
105	100		
120	28.1	20.1	30.1
77	16.2	13.8	20.8

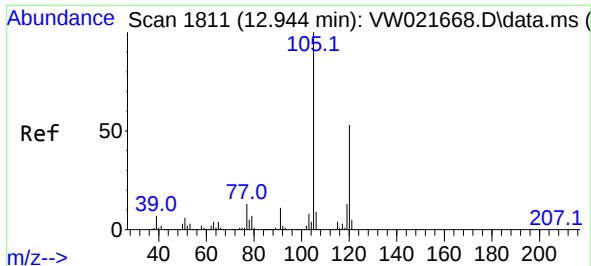


#61
1,2,3-Trichloropropane
Concen: 2.684 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion: 75 Resp: 2316

Ion	Ratio	Lower	Upper
75	100		
77	41.6	25.8	38.8#
110	45.5	29.0	43.4#





#62

1,3,5-Trimethylbenzene

Concen: 2.389 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

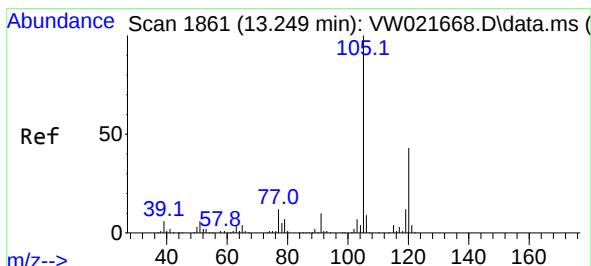
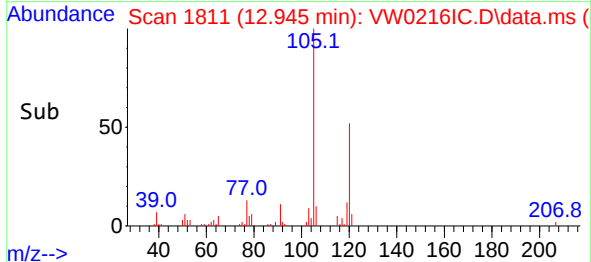
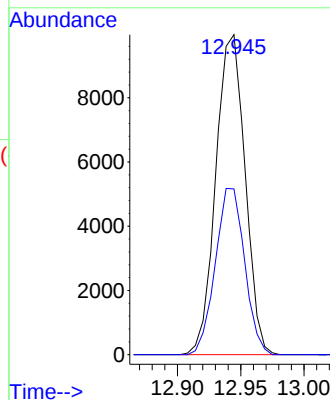
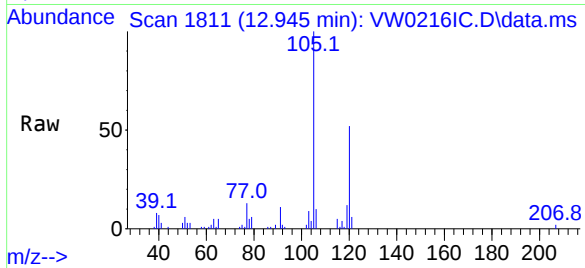
ClientSampleId :

Tgt Ion:105 Resp: 16043

Ion Ratio Lower Upper

105 100

120 52.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.508 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW0216IC.D

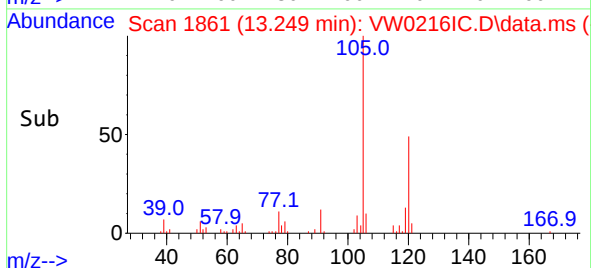
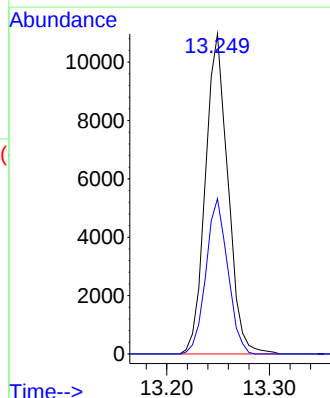
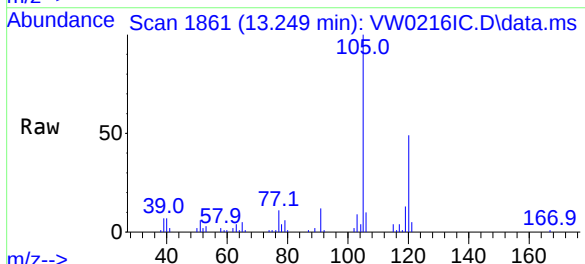
Acq: 28 Dec 2021 09:50

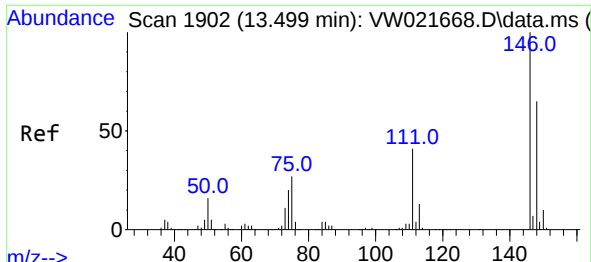
Tgt Ion:105 Resp: 16715

Ion Ratio Lower Upper

105 100

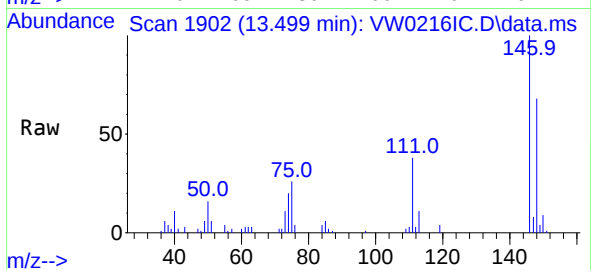
120 46.9 35.0 52.6



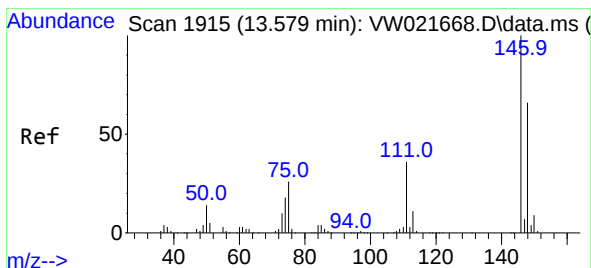
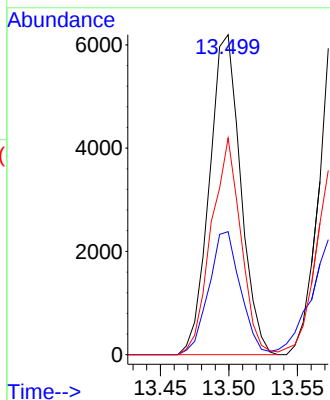
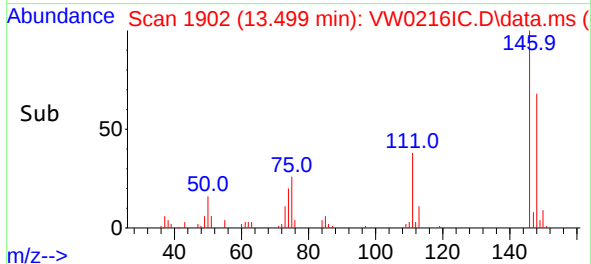


#64
1,3-Dichlorobenzene
Concen: 2.617 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

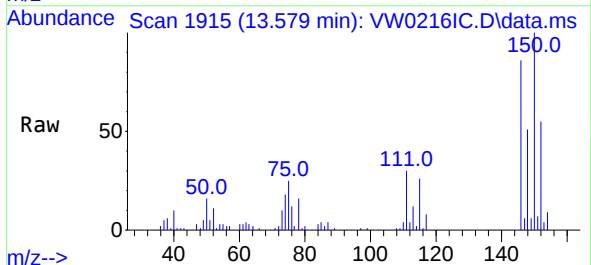
Instrument :
MSVOA_W
ClientSampleId :



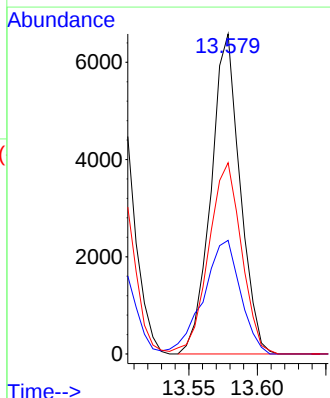
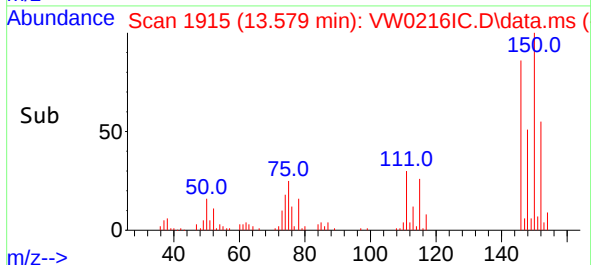
Tgt Ion:146 Resp: 9828
Ion Ratio Lower Upper
146 100
111 38.5 29.8 55.3
148 67.7 46.2 85.8



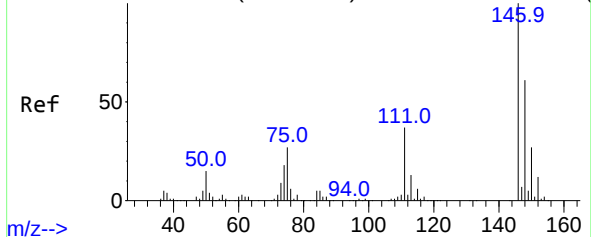
#65
1,4-Dichlorobenzene
Concen: 2.617 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50



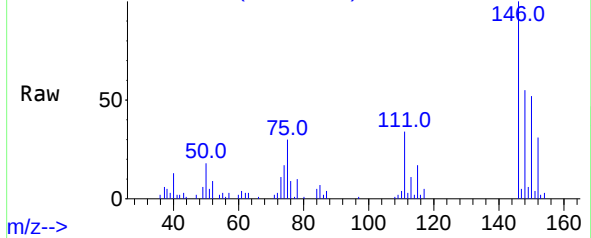
Tgt Ion:146 Resp: 9705
Ion Ratio Lower Upper
146 100
111 35.5 29.0 53.9
148 59.8 46.9 87.1



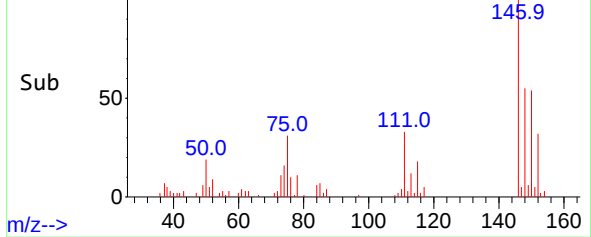
Abundance Scan 1963 (13.871 min): VW021668.D\data.ms (



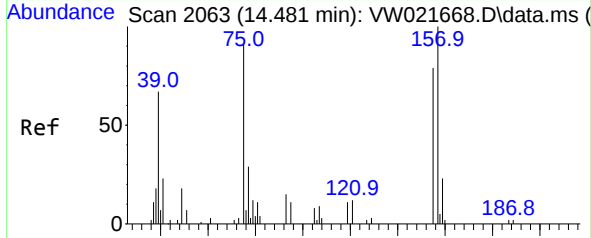
m/z--> Abundance Scan 1962 (13.865 min): VW02161C.D\data.ms



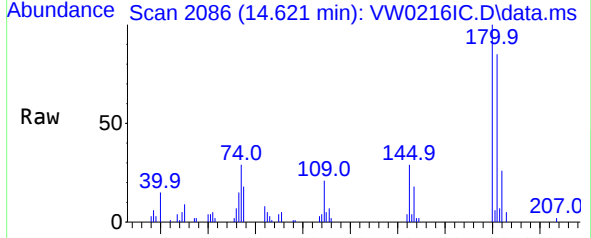
m/z--> Abundance Scan 1962 (13.865 min): VW02161C.D\data.ms (



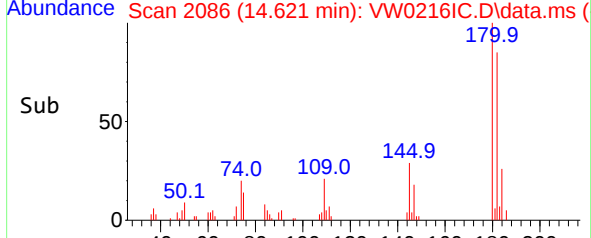
m/z--> Abundance Scan 2063 (14.481 min): VW021668.D\data.ms (



m/z--> Abundance Scan 2086 (14.621 min): VW02161C.D\data.ms



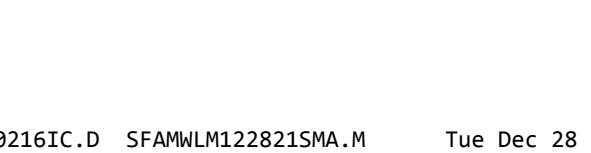
m/z--> Abundance Scan 2086 (14.621 min): VW02161C.D\data.ms (



m/z--> Abundance Scan 2086 (14.621 min): VW02161C.D\data.ms (

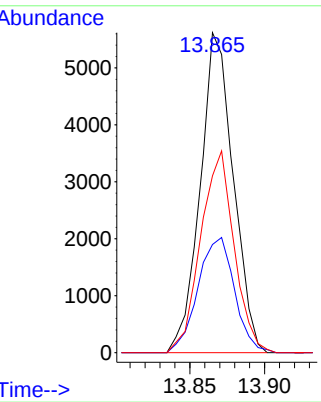


m/z--> Abundance Scan 2086 (14.621 min): VW02161C.D\data.ms (



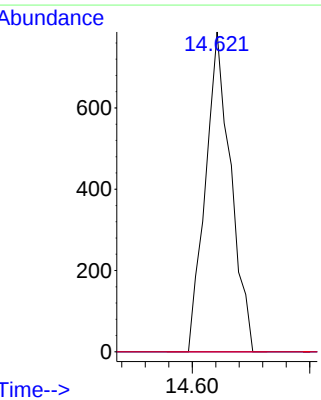
#67
1,2-Dichlorobenzene
Concen: 2.619 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW02161C.D
Acq: 28 Dec 2021 09:50

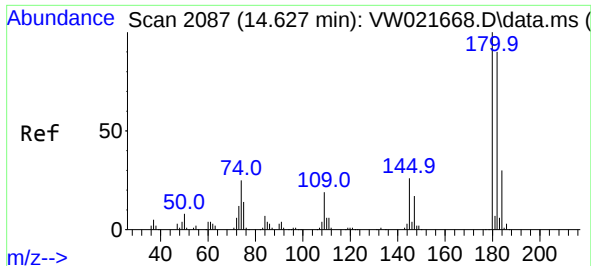
Tgt Ion:	146	Resp:	8642
Ion	Ratio	Lower	Upper
146	100		
111	33.8	33.1	49.7
148	55.2	47.4	71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 6.379 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.140 min
Lab File: VW02161C.D
Acq: 28 Dec 2021 09:50

Tgt Ion:	75	Resp:	1177
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: 2.549 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

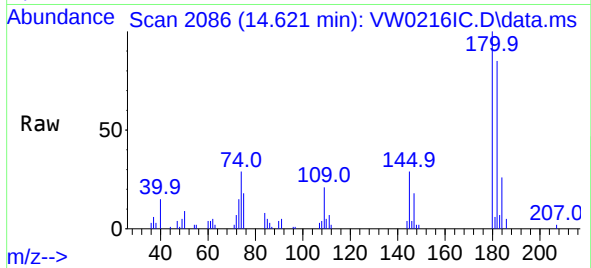
Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 7105

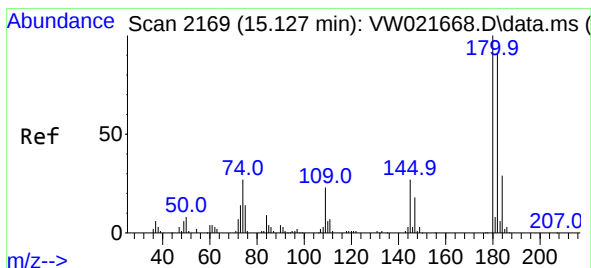
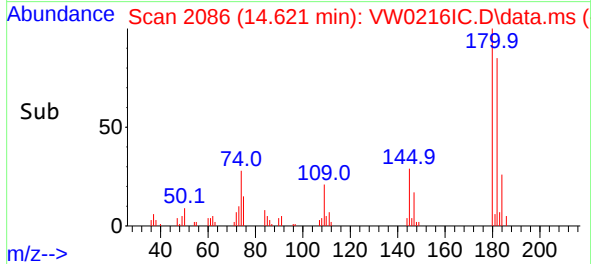
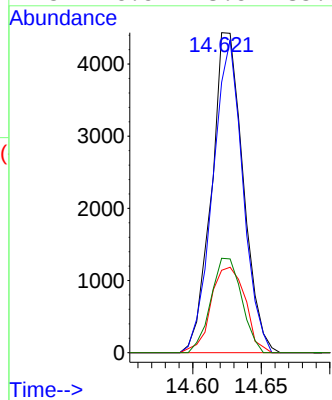
Ion Ratio Lower Upper

180 100

182 92.9 75.4 113.0

184 28.9 23.8 35.8

145 28.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 2.492 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW0216IC.D

Acq: 28 Dec 2021 09:50

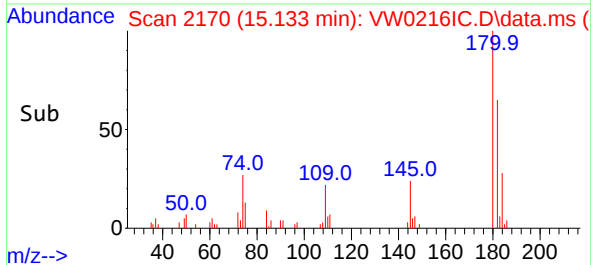
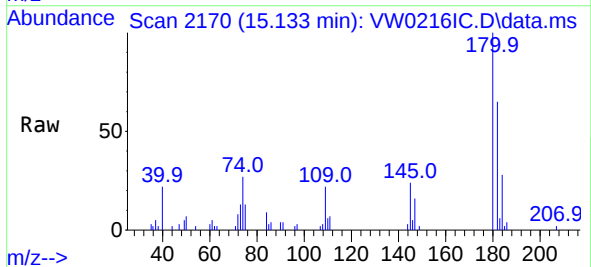
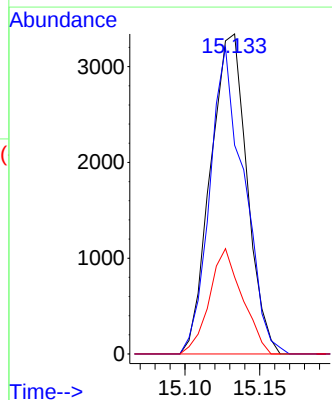
Tgt Ion:180 Resp: 5675

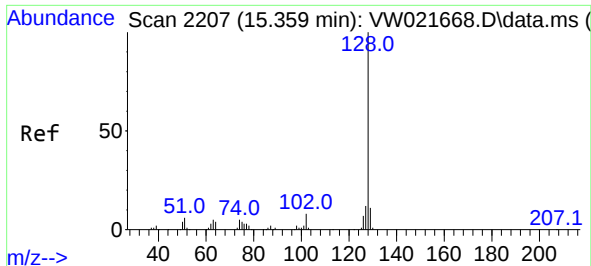
Ion Ratio Lower Upper

180 100

182 89.7 79.0 118.6

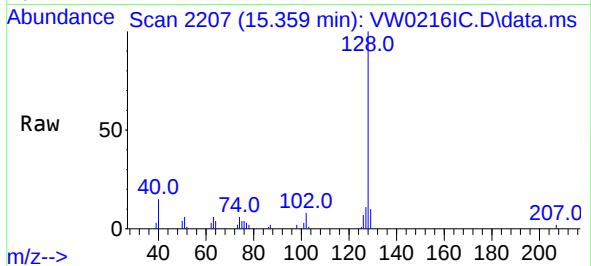
145 29.7 26.0 39.0



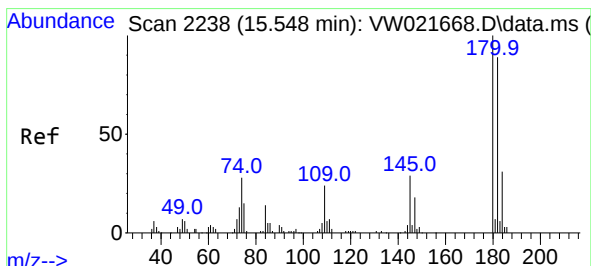
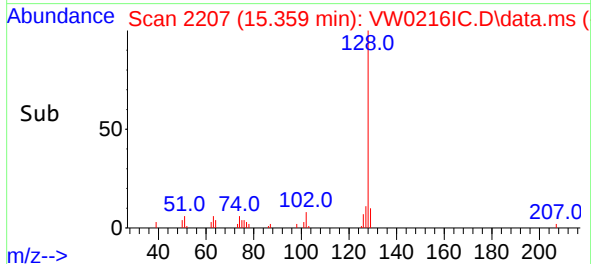
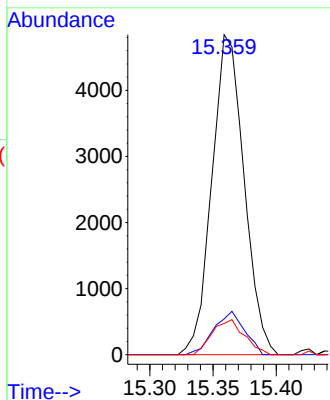


#71
Naphthalene
Concen: 2.310 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 8566
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.556 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW0216IC.D
Acq: 28 Dec 2021 09:50

Tgt Ion:180 Resp: 4759
Ion Ratio Lower Upper
180 100
182 94.6 76.6 114.8
145 32.1 27.4 41.0

