

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020887.D
 Acq On : 15 Nov 2021 10:58
 Operator : SY/VA
 Sample : VSTD02521
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 11:28:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 15 11:26:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	127407	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	117147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36954	29.030	ug/L	0.00
7) Chloroethane-d5	2.885	69	23731	31.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	69686	26.922	ug/L	0.00
21) 2-Butanone-d5	7.080	46	17744	45.905	ug/L	0.00
24) Chloroform-d	7.653	84	77514	26.672	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	38754	25.308	ug/L	0.00
32) Benzene-d6	8.274	84	151629	27.405	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	42583	25.395	ug/L	0.00
41) Toluene-d8	10.323	98	151386	27.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	20907	25.283	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	14918	46.035	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33400	24.615	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	57271	27.003	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	8557	18.331	ug/L	95
3) Chloromethane	2.215	50	24050	18.912	ug/L	98
5) Vinyl chloride	2.361	62	45002	23.663	ug/L	98
6) Bromomethane	2.782	94	23336	23.190	ug/L	99
8) Chloroethane	2.922	64	18749	26.094	ug/L	97
9) Trichlorofluoromethane	3.257	101	26555	25.935	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40561	24.222	ug/L	89
12) 1,1-Dichloroethene	4.043	96	37400	23.561	ug/L	78
13) Acetone	4.123	43	14013	39.699	ug/L	88
14) Carbon disulfide	4.391	76	95164	20.467	ug/L	98
15) Methyl Acetate	4.671	43	14237	22.804	ug/L	91
16) Methylene chloride	4.915	84	38215	20.610	ug/L	84
17) trans-1,2-Dichloroethene	5.433	96	39769	23.586	ug/L	83
18) Methyl tert-butyl Ether	5.427	73	63281	26.003	ug/L	93
19) 1,1-Dichloroethane	6.220	63	67250	23.103	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	43993	24.501	ug/L	81
22) 2-Butanone	7.171	43	20499	43.891	ug/L	90
23) Bromochloromethane	7.518	128	20723	24.891	ug/L #	68
25) Chloroform	7.677	83	74244	24.195	ug/L	98
27) 1,2-Dichloroethane	8.402	62	45175	23.003	ug/L	96
29) Cyclohexane	7.957	56	61152	21.011	ug/L	86
30) 1,1,1-Trichloroethane	7.878	97	68036	24.679	ug/L	93
31) Carbon tetrachloride	8.073	117	63367	24.326	ug/L	98
33) Benzene	8.323	78	157129	22.944	ug/L	100
34) Trichloroethene	9.091	95	44227	24.073	ug/L	91
35) Methylcyclohexane	9.335	83	71786	22.759	ug/L	86
37) 1,2-Dichloropropane	9.372	63	37238	23.051	ug/L #	95
38) Bromodichloromethane	9.646	83	53982	23.655	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	62733	23.735	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	45377	43.721	ug/L #	94
42) Toluene	10.390	91	179159	24.154	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	55576	23.245	ug/L	98

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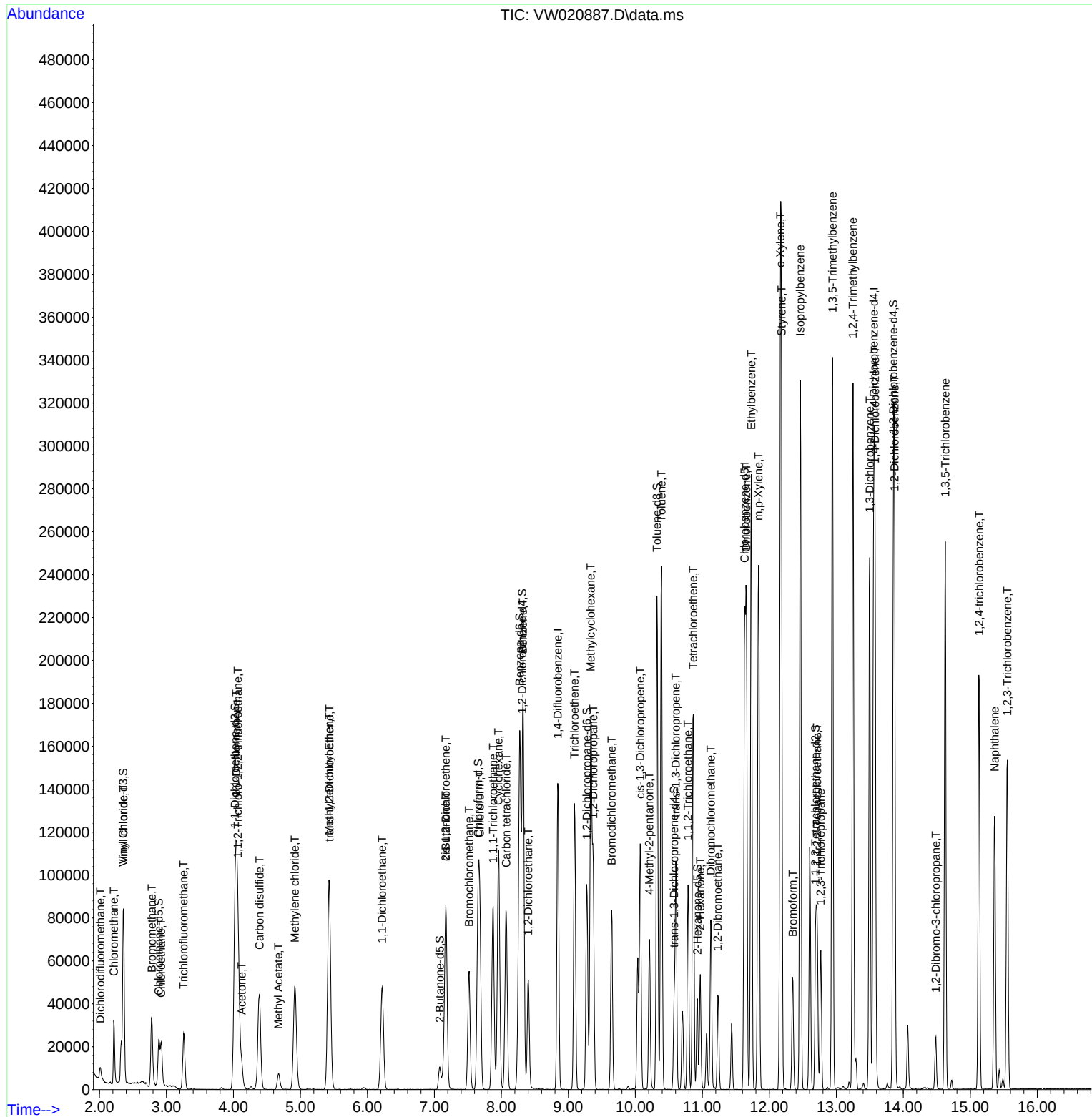
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	30365	24.858	ug/L	92
46) Tetrachloroethene	10.865	164	42397	25.399	ug/L	94
48) 2-Hexanone	10.969	43	32308	42.912	ug/L #	94
49) Dibromochloromethane	11.128	129	40853	24.695	ug/L	99
50) 1,2-Dibromoethane	11.231	107	29100	23.750	ug/L #	99
51) Chlorobenzene	11.658	112	118410	24.619	ug/L	95
52) Ethylbenzene	11.731	91	200303	24.139	ug/L	97
53) m,p-Xylene	11.841	106	81323	24.447	ug/L	89
54) o-Xylene	12.164	106	77252	24.505	ug/L	94
55) Styrene	12.182	104	132110	24.611	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	33861	23.939	ug/L #	98
59) Bromoform	12.353	173	24600	22.870	ug/L	98
60) Isopropylbenzene	12.463	105	213686	24.169	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	24066	23.004	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	180503	23.846	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	181147	24.002	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	101139	24.537	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	99765	24.406	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	88756	24.471	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.487	75	5709	22.557	ug/L #	53
69) 1,3,5-Trichlorobenzene	14.627	180	84129	25.702	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	66401	24.390	ug/L	94
71) Naphthalene	15.365	128	113150	24.574	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	55133	23.897	ug/L	97

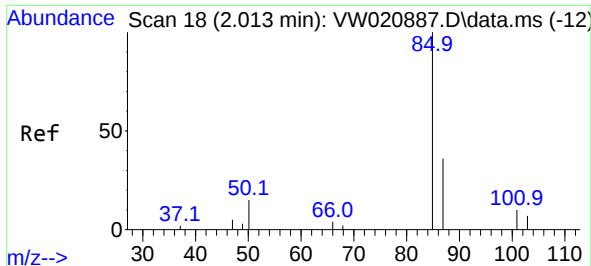
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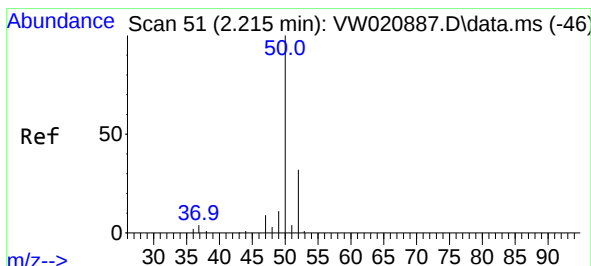
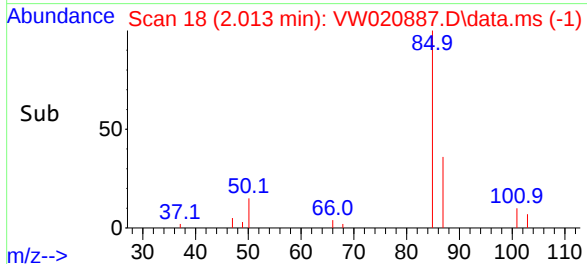
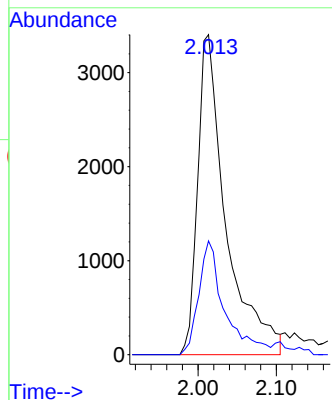
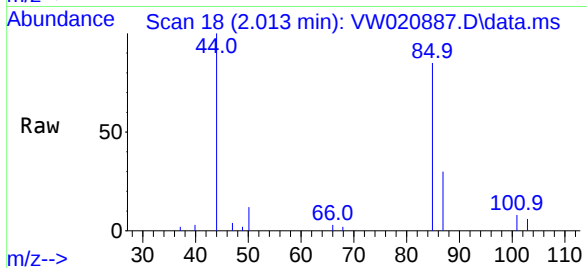




#2
Dichlorodifluoromethane
Concen: 18.331 ug/L
RT: 2.013 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

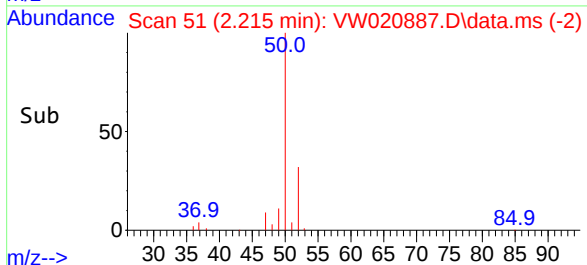
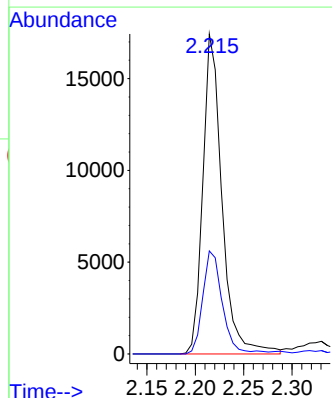
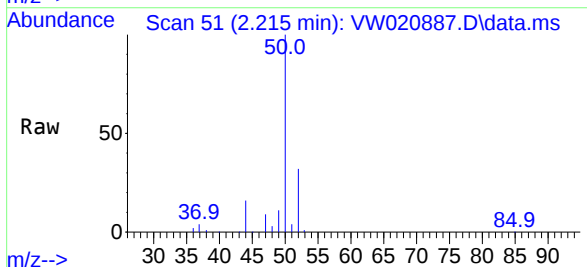
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MSVOA_W
ClientSampleId :

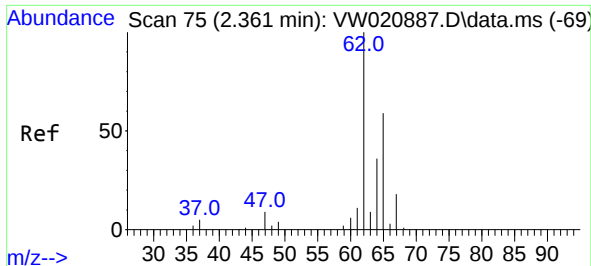
Tgt Ion: 85 Resp: 8557
Ion Ratio Lower Upper
85 100
87 29.2 25.8 38.6



#3
Chloromethane
Concen: 18.912 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 50 Resp: 24050
Ion Ratio Lower Upper
50 100
52 32.2 23.4 43.6

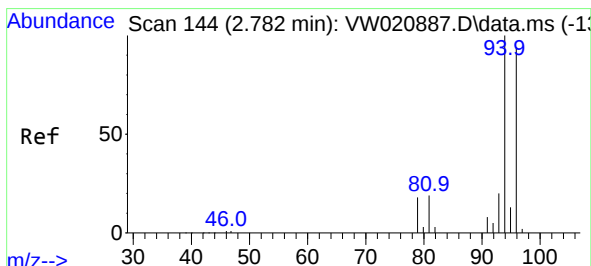
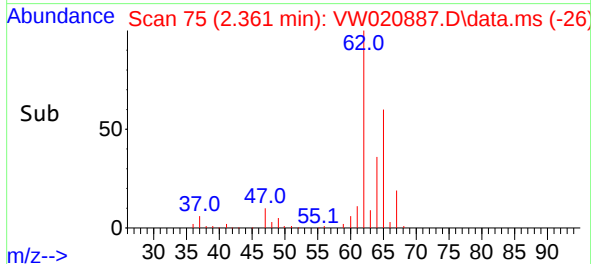
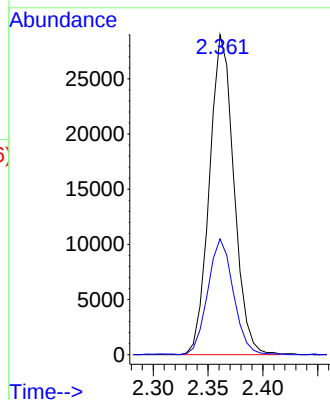
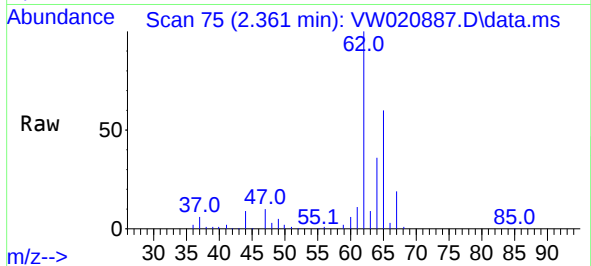




#5
 Vinyl chloride
 Concen: 23.663 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020887.D
 Acq: 15 Nov 2021 10:58

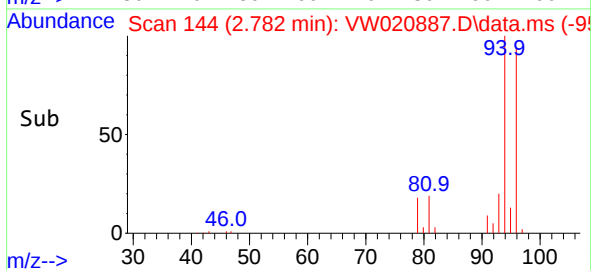
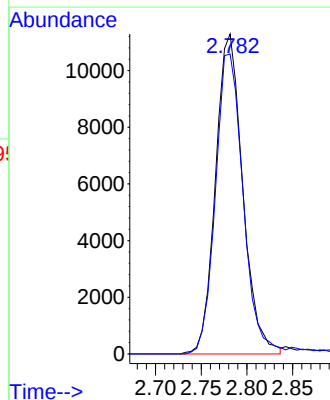
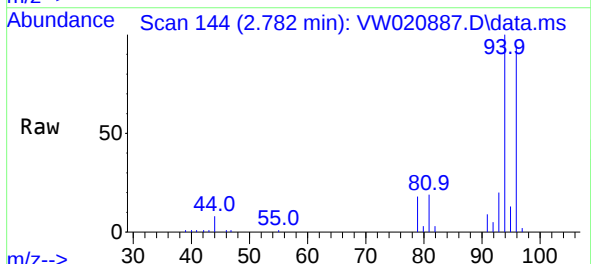
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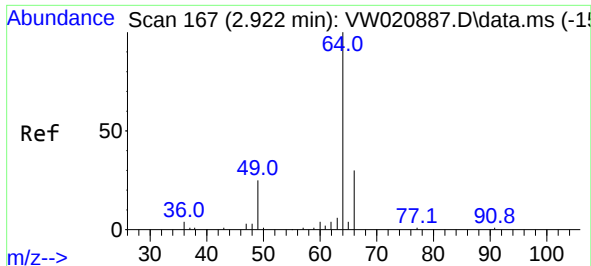
Tgt Ion: 62 Resp: 45002
 Ion Ratio Lower Upper
 62 100
 64 36.2 24.4 45.2



#6
 Bromomethane
 Concen: 23.190 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW020887.D
 Acq: 15 Nov 2021 10:58

Tgt Ion: 94 Resp: 23336
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.8 120.4

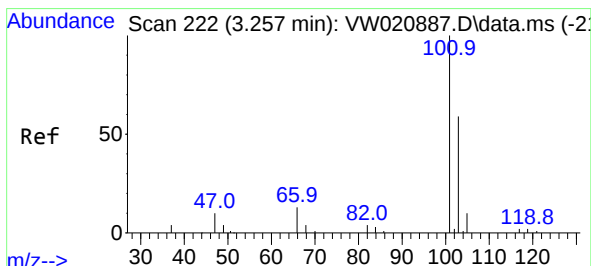
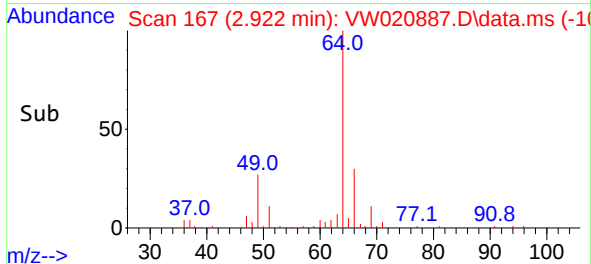
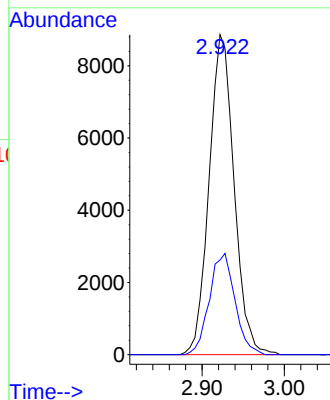
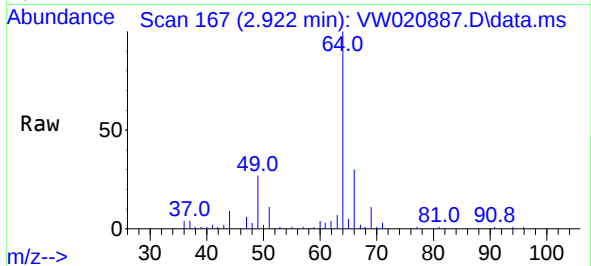




#8
Chloroethane
Concen: 26.094 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

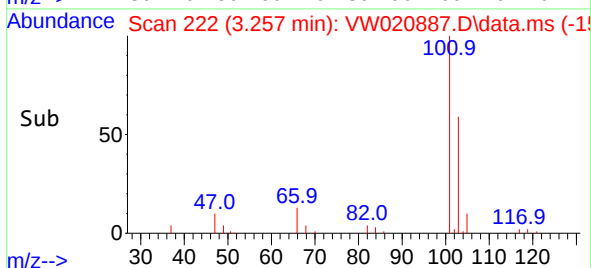
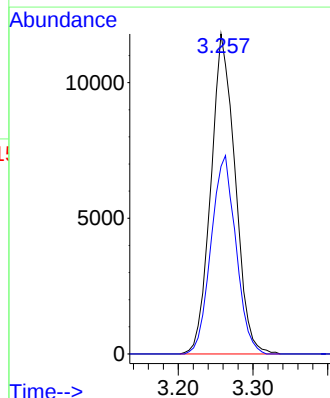
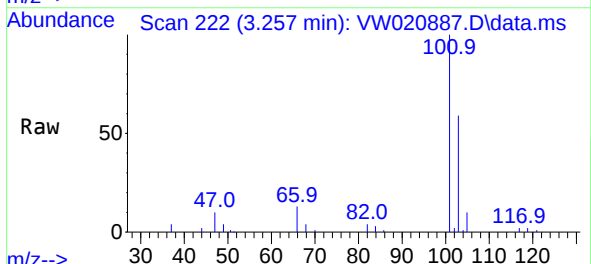
Instrument :
MSVOA_W
ClientSampleId :

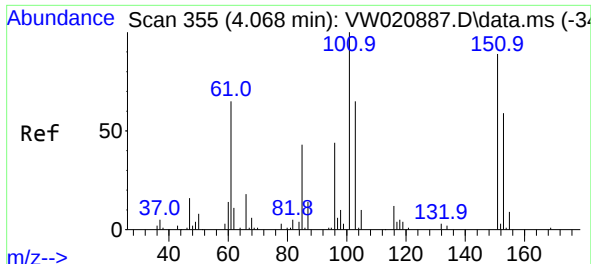
Tgt Ion: 64 Resp: 18749
Ion Ratio Lower Upper
64 100
66 29.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 25.935 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion:101 Resp: 26555
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

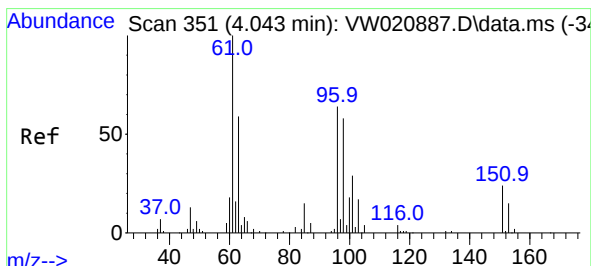
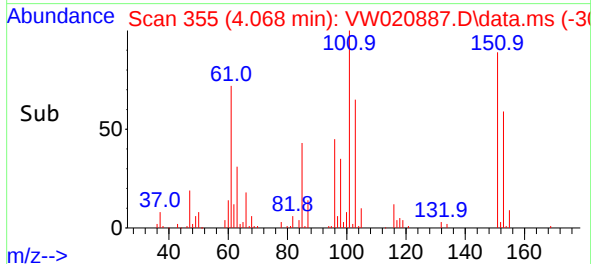
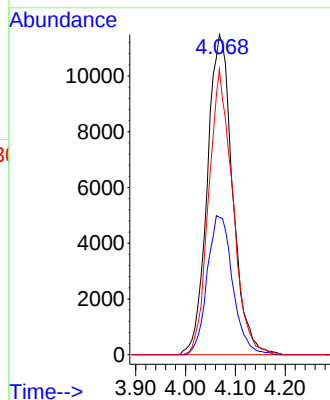
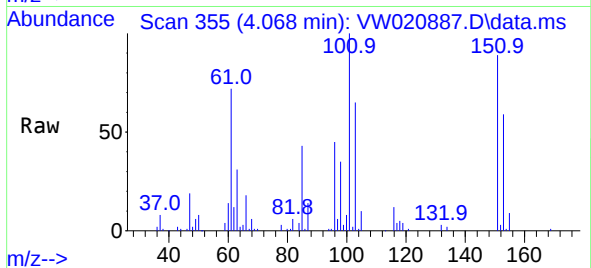




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.222 ug/L
RT: 4.068 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

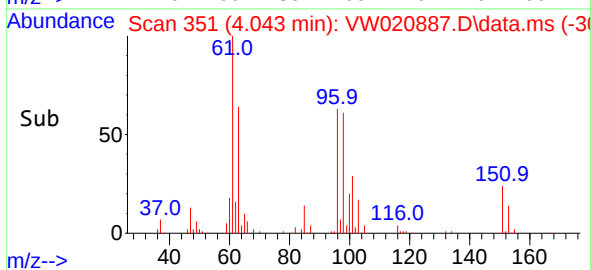
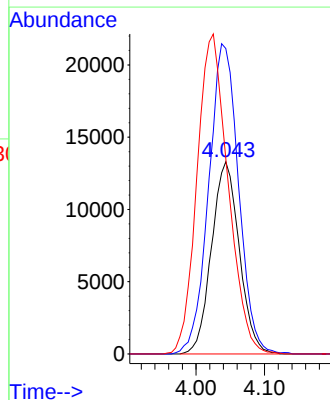
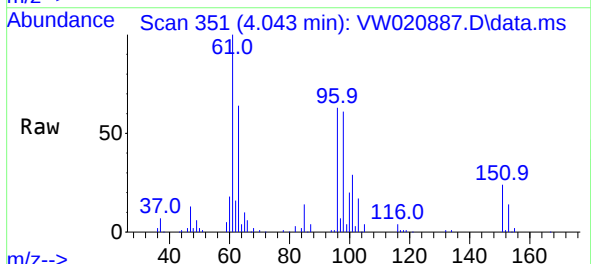
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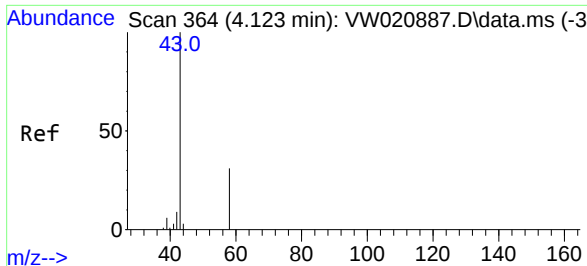
Tgt Ion:101 Resp: 40561
Ion Ratio Lower Upper
101 100
85 43.5 36.6 54.8
151 84.4 57.4 86.0



#12
1,1-Dichloroethene
Concen: 23.561 ug/L
RT: 4.043 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 96 Resp: 37400
Ion Ratio Lower Upper
96 100
61 158.9 138.3 256.9
63 101.6 82.6 153.4

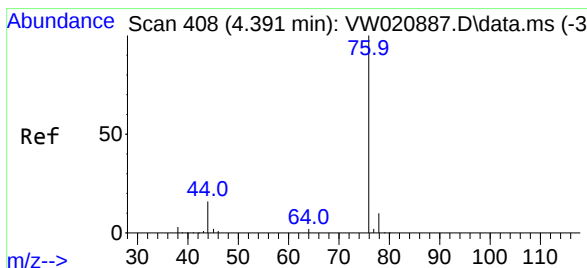
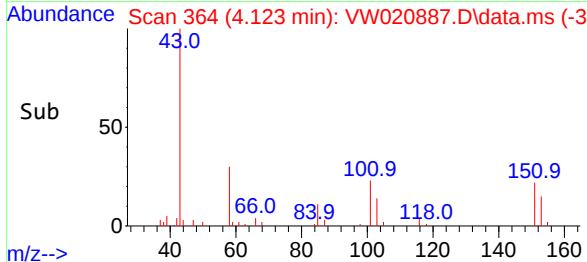
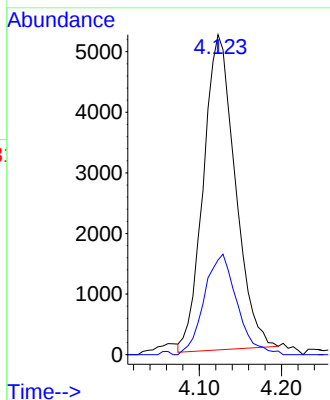
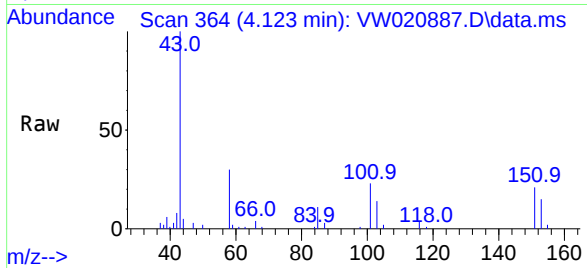




#13
Acetone
Concen: 39.699 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

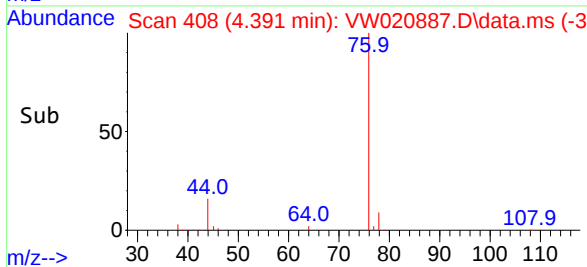
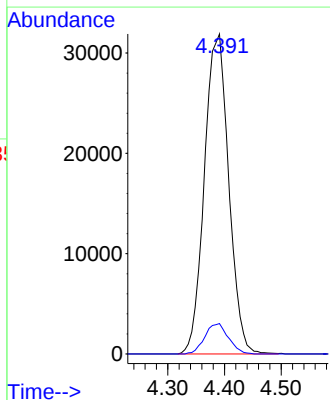
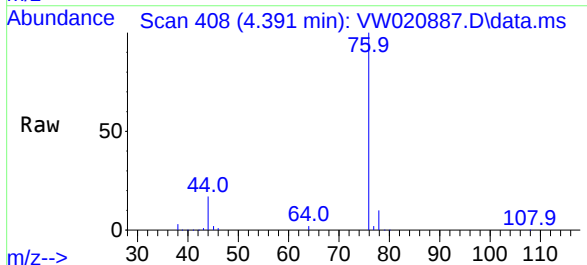
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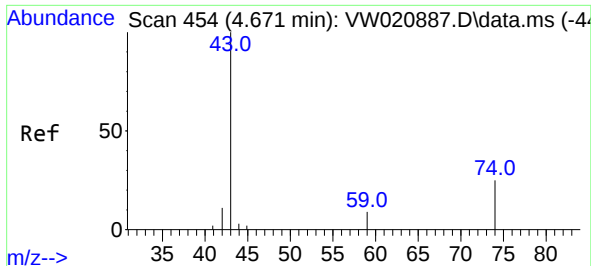
Tgt Ion: 43 Resp: 14013
Ion Ratio Lower Upper
43 100
58 32.6 0.0 52.8



#14
Carbon disulfide
Concen: 20.467 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW020887.D
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Tgt Ion: 76 Resp: 95164
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

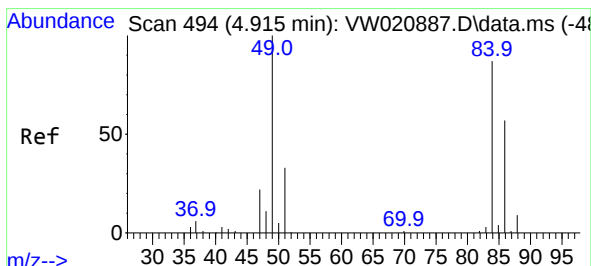
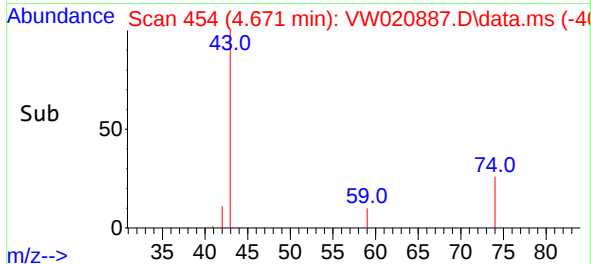
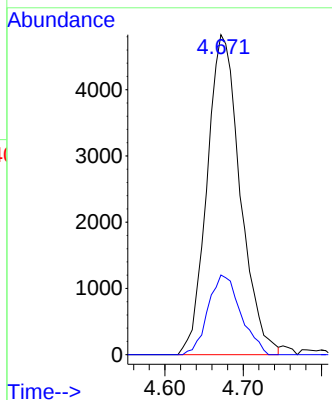
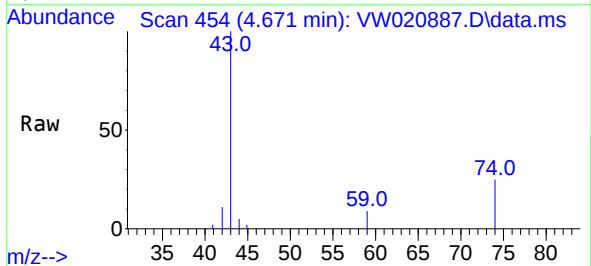




#15
Methyl Acetate
Concen: 22.804 ug/L
RT: 4.671 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

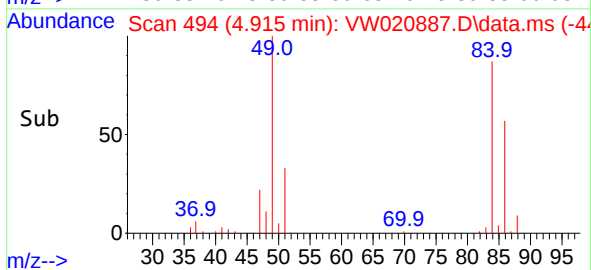
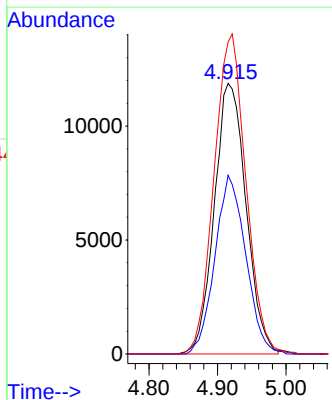
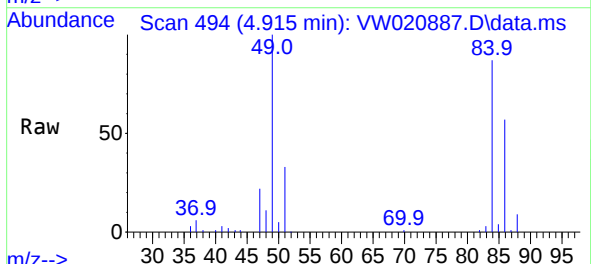
Instrument :
MSVOA_W
ClientSampleId :

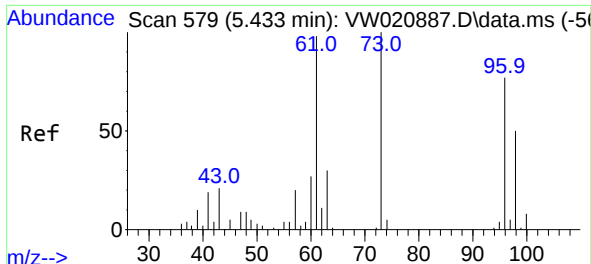
Tgt Ion: 43 Resp: 14237
Ion Ratio Lower Upper
43 100
74 24.4 16.4 24.6



#16
Methylene chloride
Concen: 20.610 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 84 Resp: 38215
Ion Ratio Lower Upper
84 100
86 66.0 45.5 84.5
49 115.3 100.5 186.7

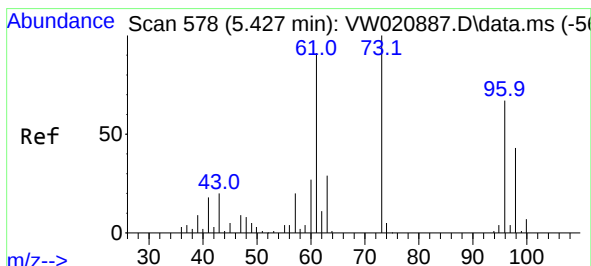
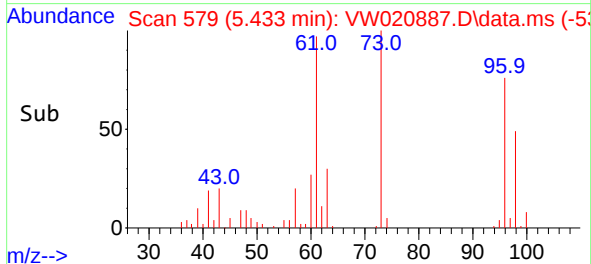
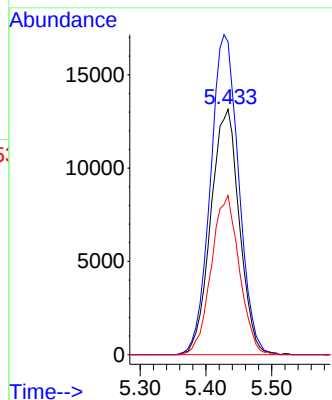
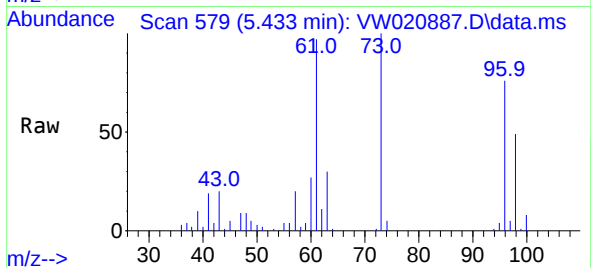




#17
trans-1,2-Dichloroethene
Concen: 23.586 ug/L
RT: 5.433 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

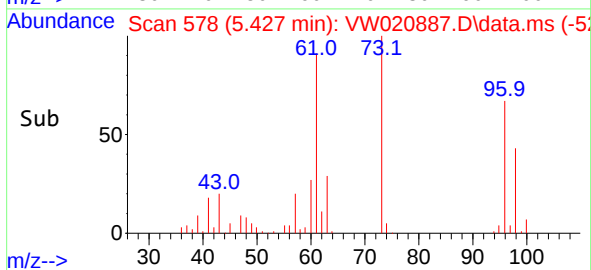
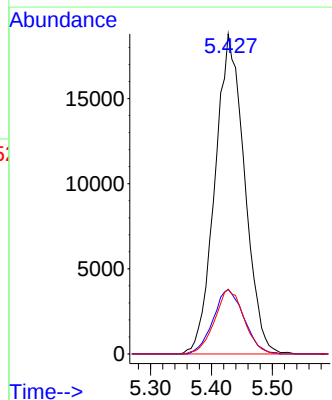
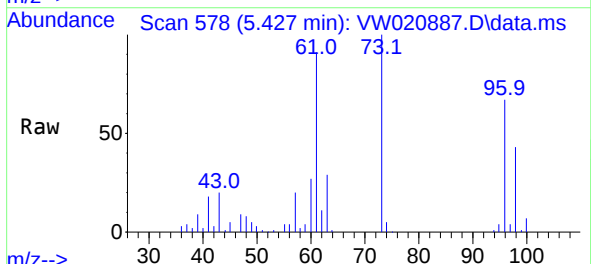
Instrument :
MSVOA_W
ClientSampleId :

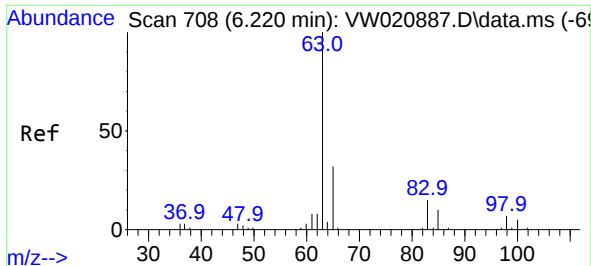
Tgt Ion: 96 Resp: 39769
Ion Ratio Lower Upper
96 100
61 127.4 107.4 199.4
98 64.9 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 26.003 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 73 Resp: 63281
Ion Ratio Lower Upper
73 100
43 21.0 19.5 29.3
57 20.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.103 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

Instrument :

MSVOA_W

ClientSampleId :

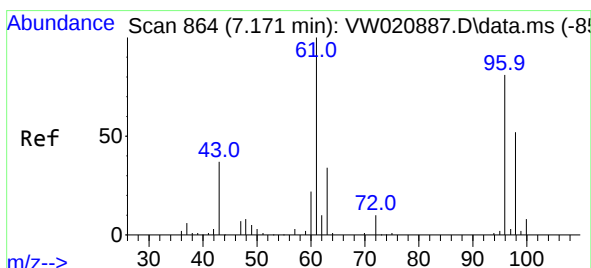
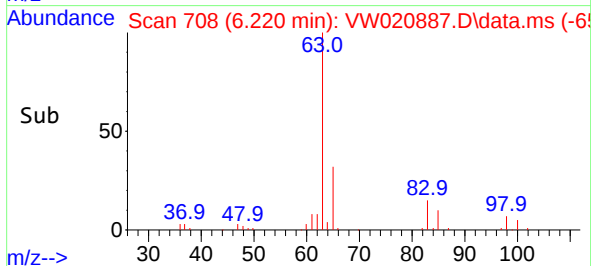
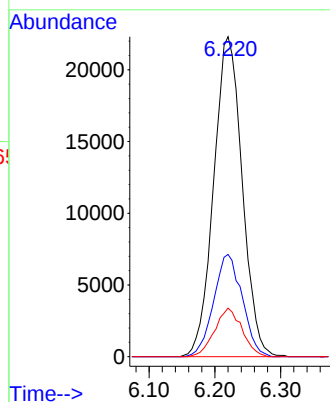
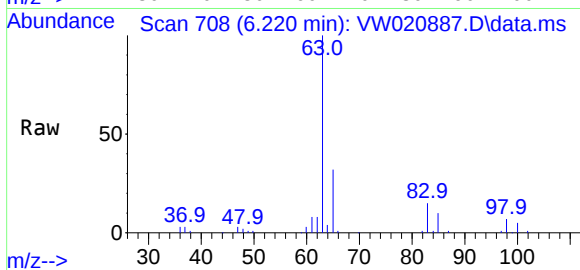
Tgt Ion: 63 Resp: 67250

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 15.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.501 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

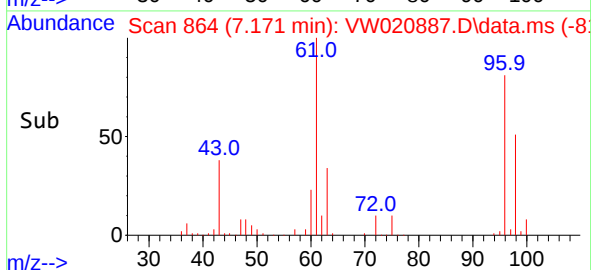
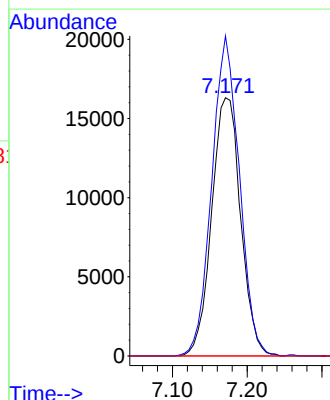
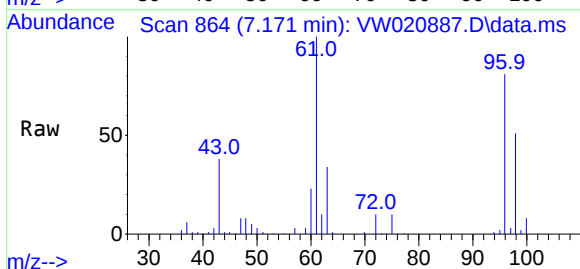
Tgt Ion: 96 Resp: 43993

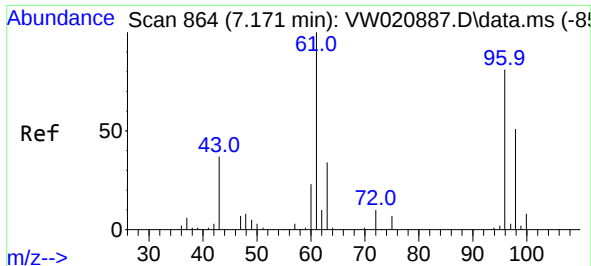
Ion Ratio Lower Upper

96 100

61 123.9 103.7 192.7

68 0.0 0.0 0.0

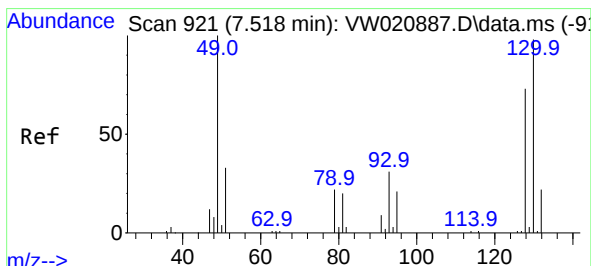
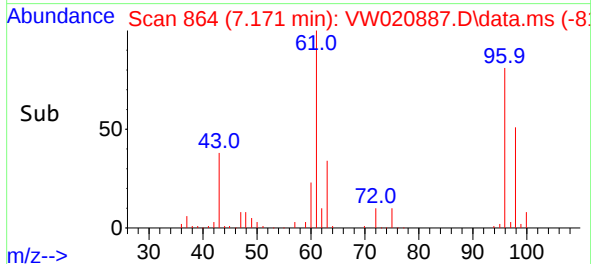
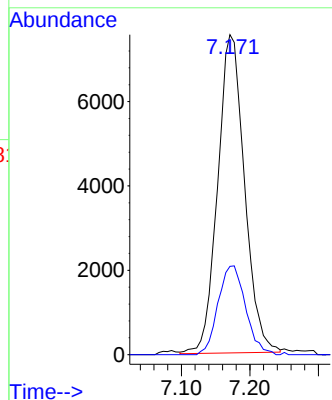
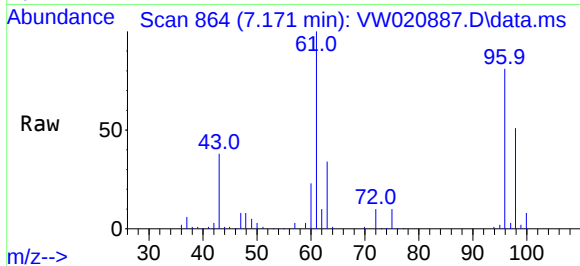




#22
2-Butanone
Concen: 43.891 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

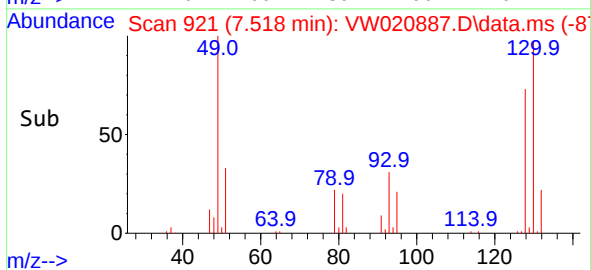
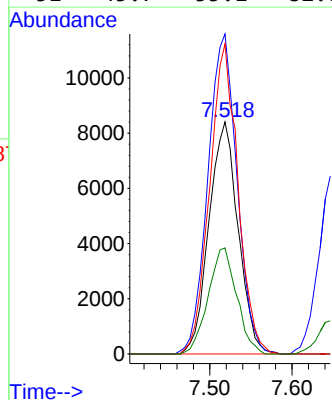
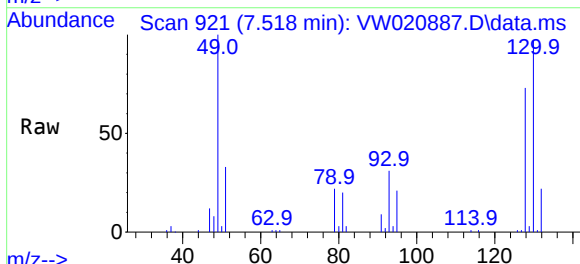
Instrument :
MSVOA_W
ClientSampleId :

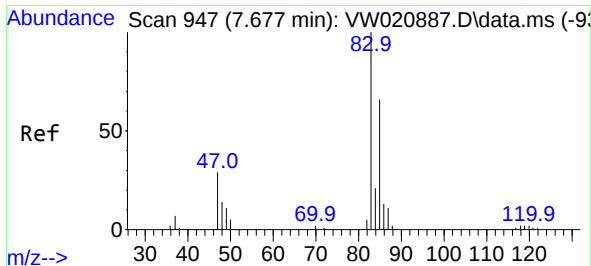
Tgt Ion: 43 Resp: 20499
Ion Ratio Lower Upper
43 100
72 28.5 11.8 35.4



#23
Bromochloromethane
Concen: 24.891 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 128 Resp: 20723
Ion Ratio Lower Upper
128 100
49 137.9 150.3 279.1#
130 133.6 88.3 163.9
51 45.7 55.1 82.7#

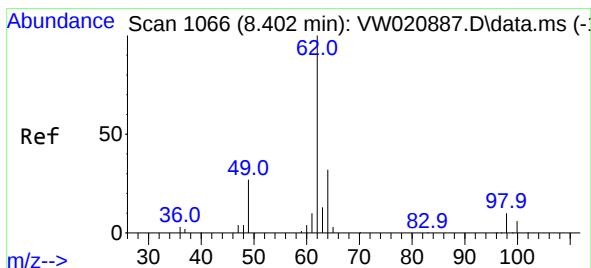
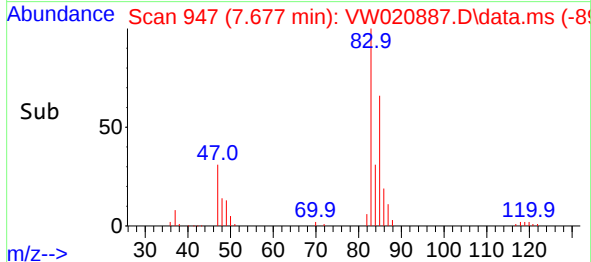
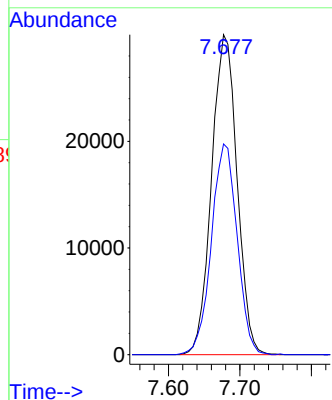
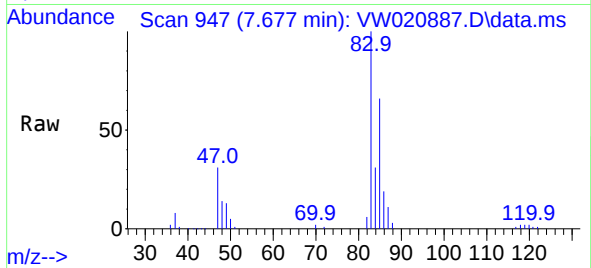




#25
Chloroform
Concen: 24.195 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

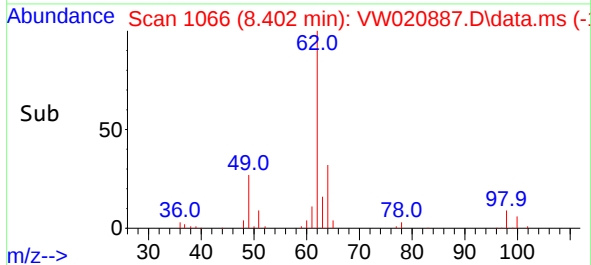
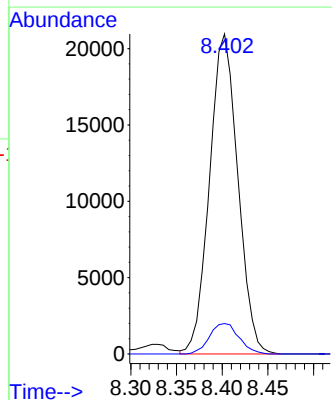
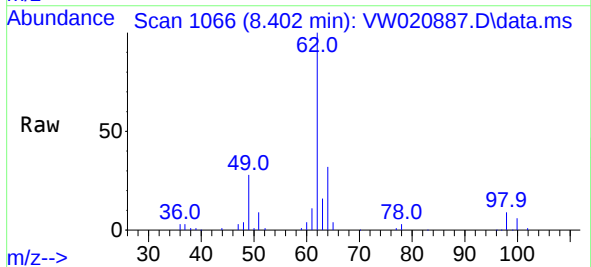
Instrument :
MSVOA_W
ClientSampleId :

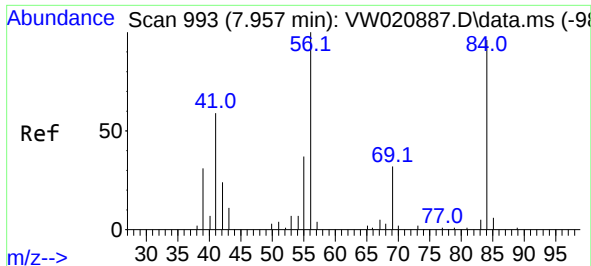
Tgt Ion: 83 Resp: 74244
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.003 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

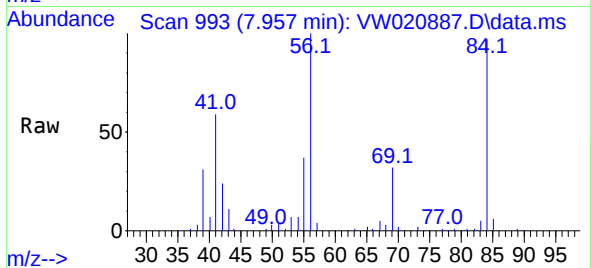
Tgt Ion: 62 Resp: 45175
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7





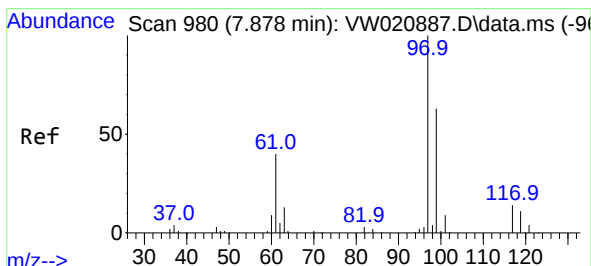
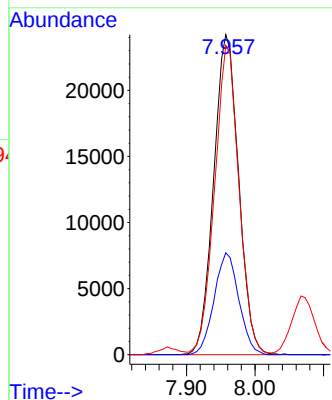
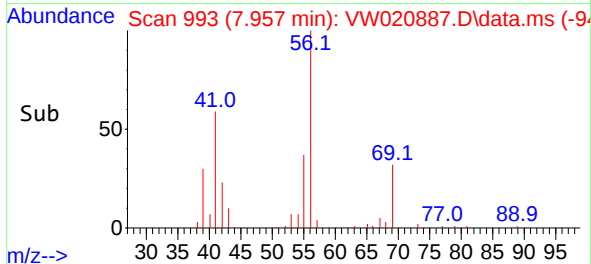
#29
Cyclohexane
Concen: 21.011 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Instrument :
MSVOA_W
ClientSampleId :

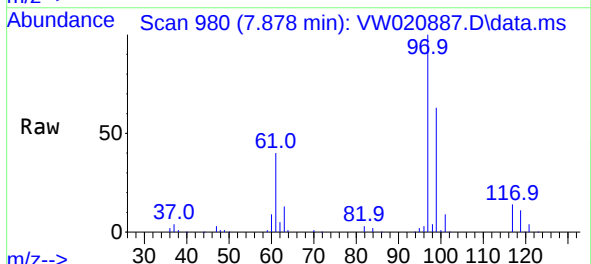


Tgt Ion: 56 Resp: 61152

Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.5	35.3
84	94.5	63.4	95.2

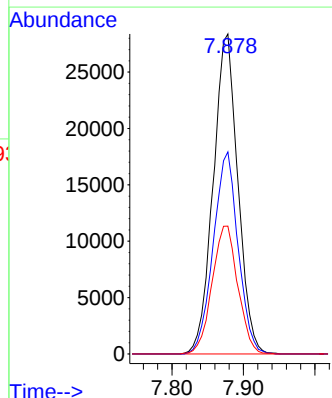
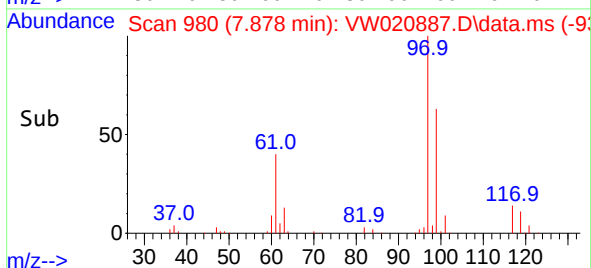


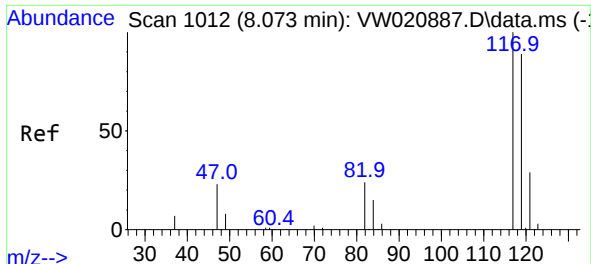
#30
1,1,1-Trichloroethane
Concen: 24.679 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58



Tgt Ion: 97 Resp: 68036

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.6	77.4
61	41.7	40.9	61.3

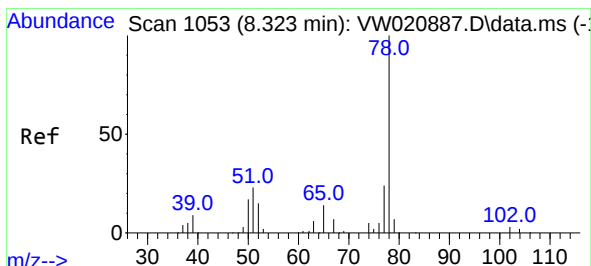
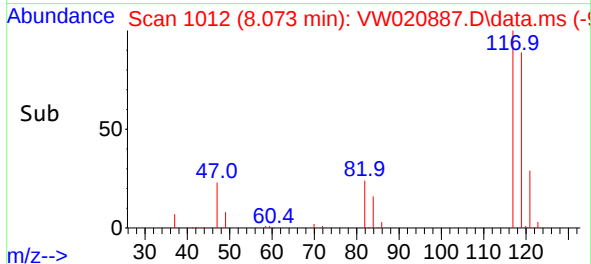
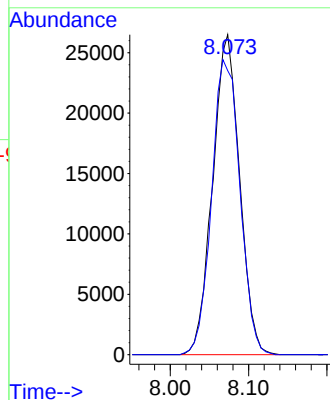
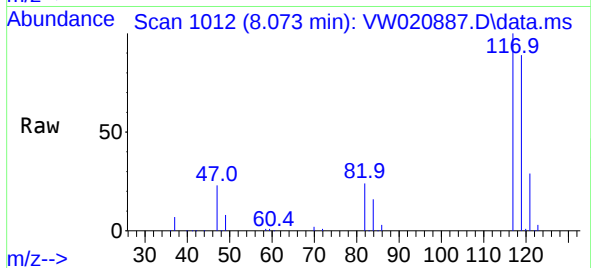




#31
Carbon tetrachloride
Concen: 24.326 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

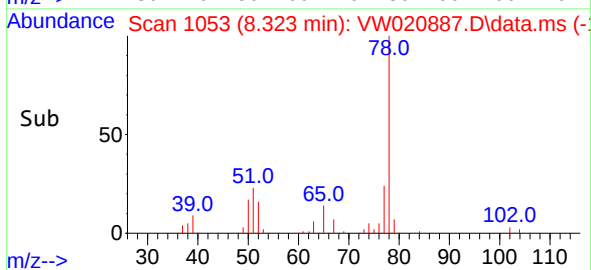
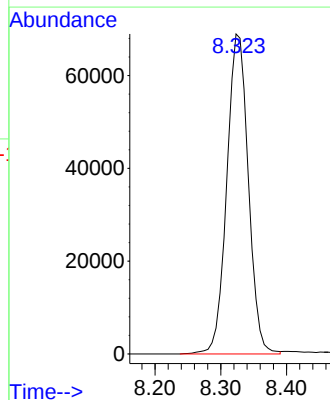
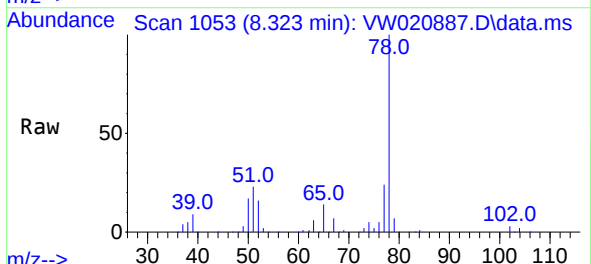
Instrument :
MSVOA_W
ClientSampleId :

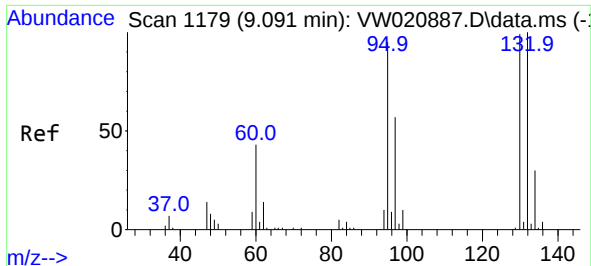
Tgt Ion:117 Resp: 63367
Ion Ratio Lower Upper
117 100
119 96.8 75.7 113.5



#33
Benzene
Concen: 22.944 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 78 Resp: 157129



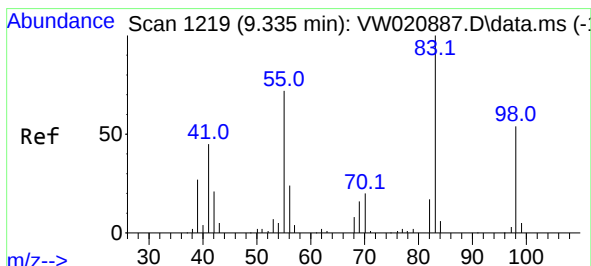
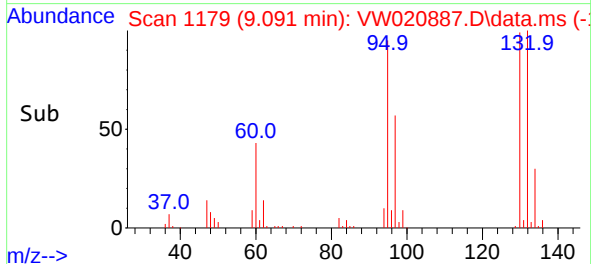
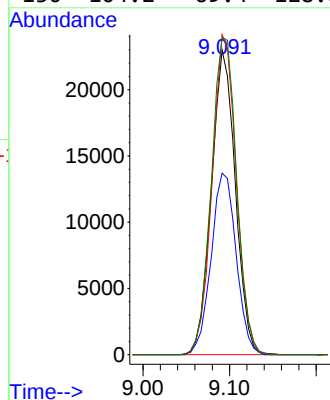
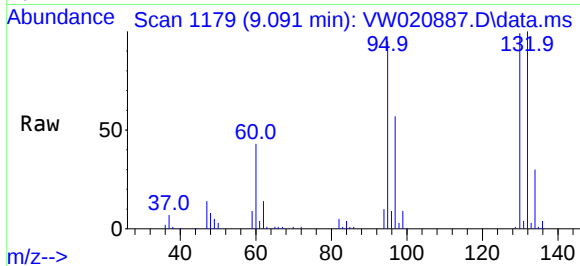


#34
Trichloroethene
Concen: 24.073 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 44227

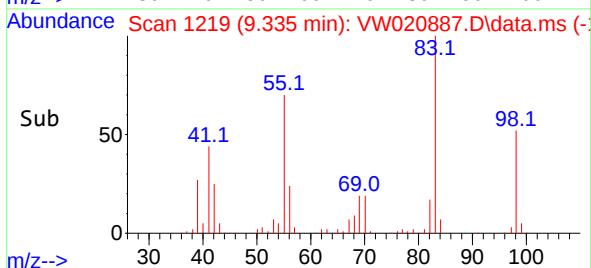
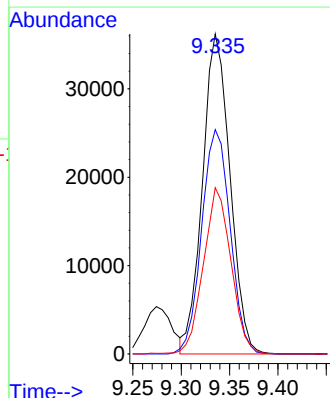
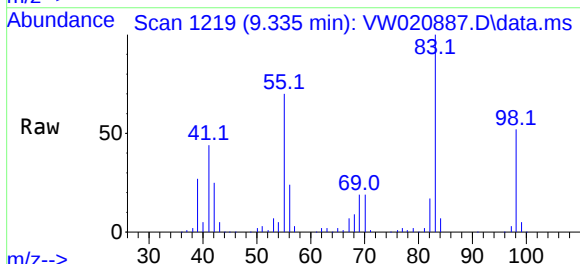
Ion	Ratio	Lower	Upper
95	100		
97	59.6	47.0	87.2
132	105.0	65.5	121.6
130	104.2	69.4	128.8

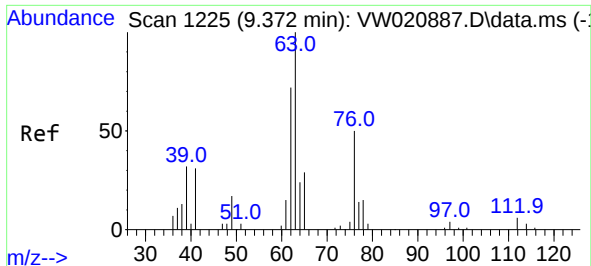


#35
Methylcyclohexane
Concen: 22.759 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 83 Resp: 71786

Ion	Ratio	Lower	Upper
83	100		
55	72.6	70.8	106.2
98	52.0	37.7	56.5

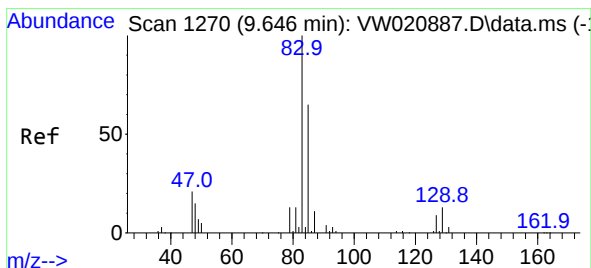
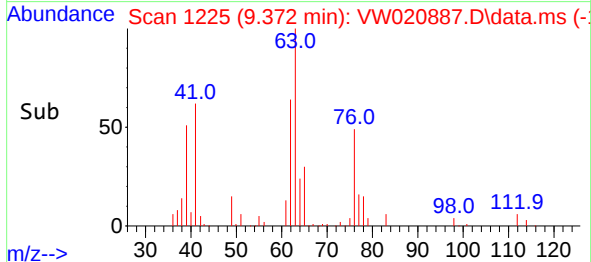
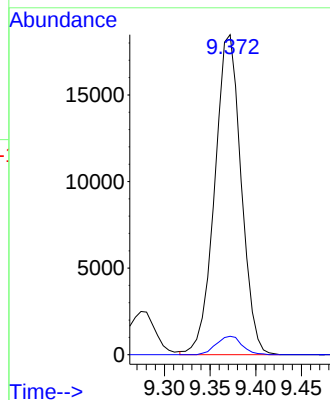
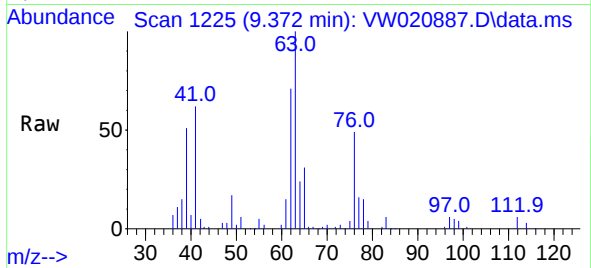




#37
1,2-Dichloropropane
Concen: 23.051 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

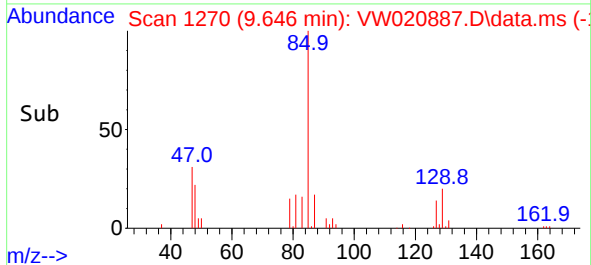
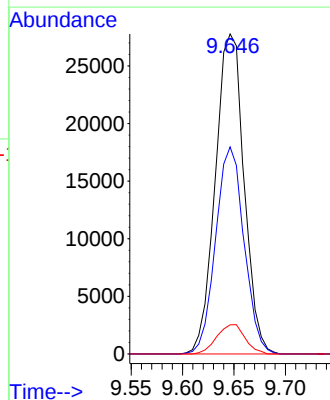
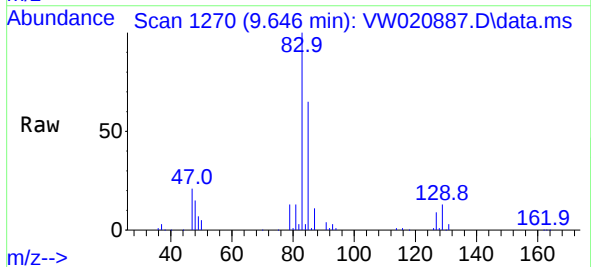
Instrument :
MSVOA_W
ClientSampleId :

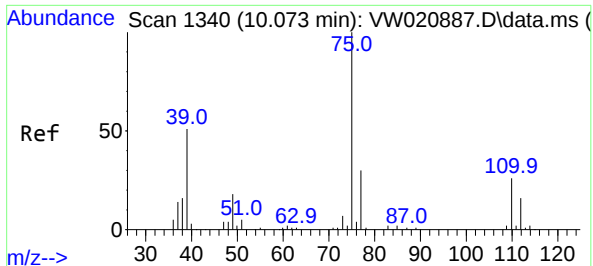
Tgt Ion: 63 Resp: 37238
Ion Ratio Lower Upper
63 100
112 5.6 3.2 4.8#



#38
Bromodichloromethane
Concen: 23.655 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 83 Resp: 53982
Ion Ratio Lower Upper
83 100
85 64.7 44.1 81.9
127 9.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.735 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

Instrument :

MSVOA_W

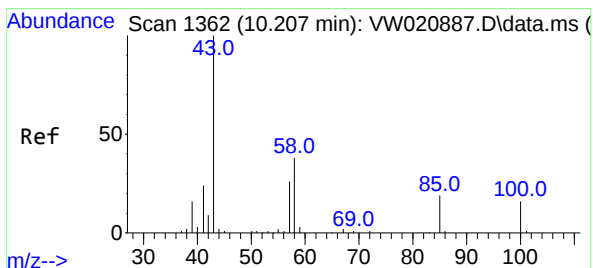
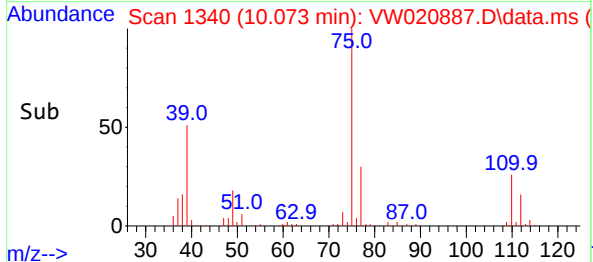
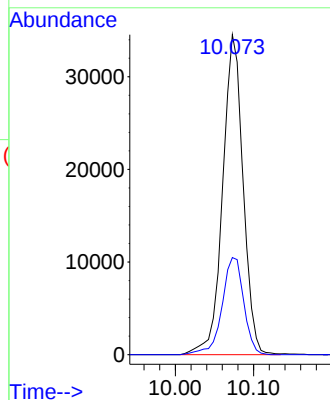
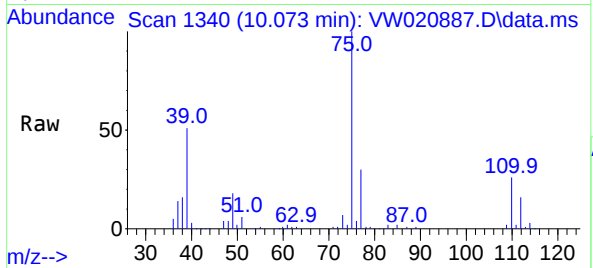
ClientSampleId :

Tgt Ion: 75 Resp: 62733

Ion Ratio Lower Upper

75 100

77 30.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.721 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

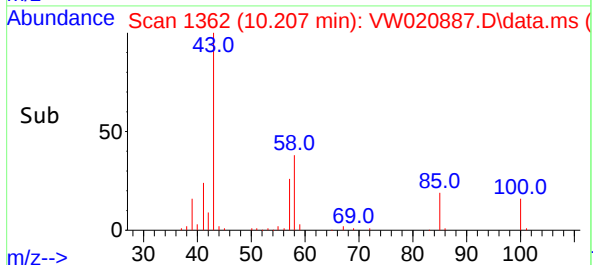
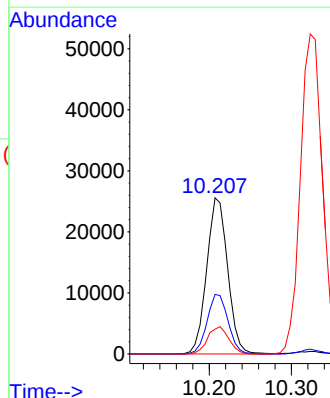
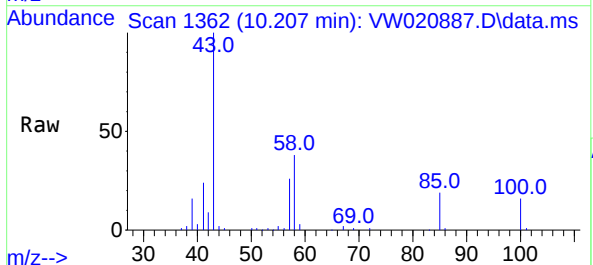
Tgt Ion: 43 Resp: 45377

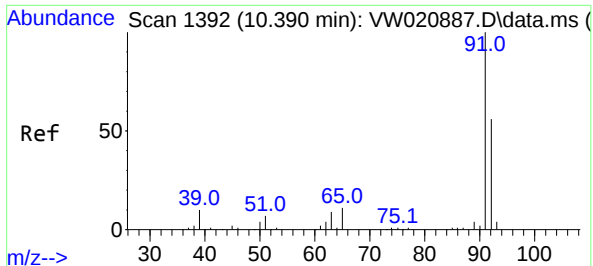
Ion Ratio Lower Upper

43 100

58 38.0 28.8 43.2

100 17.6 10.0 15.0#

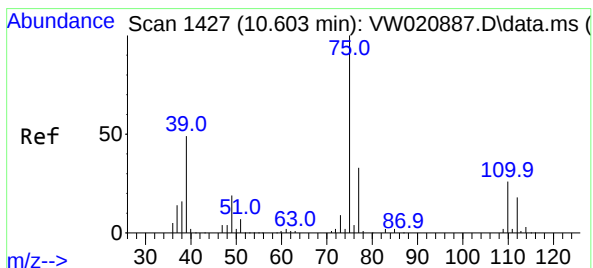
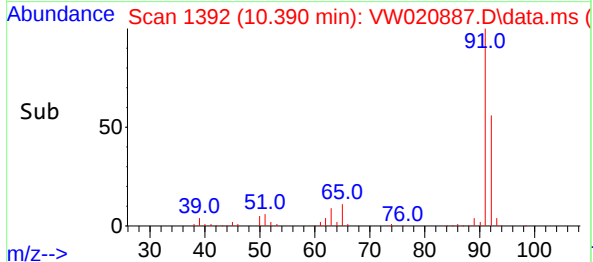
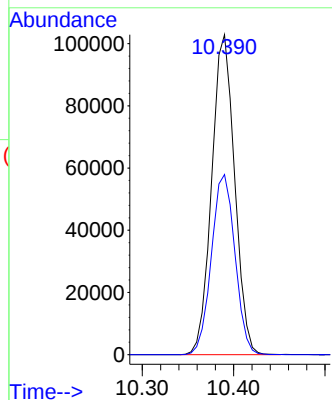
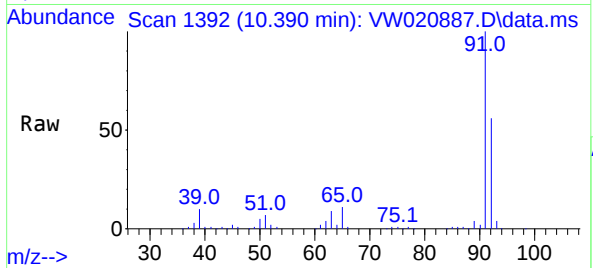




#42
Toluene
Concen: 24.154 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

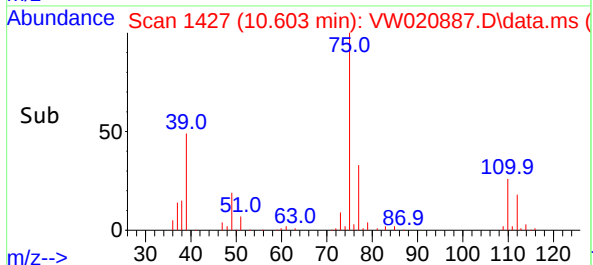
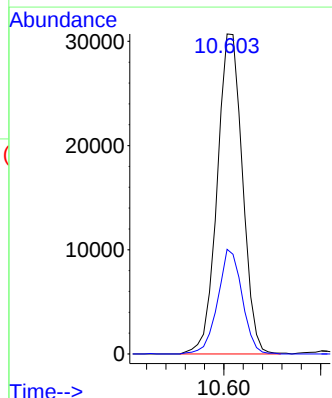
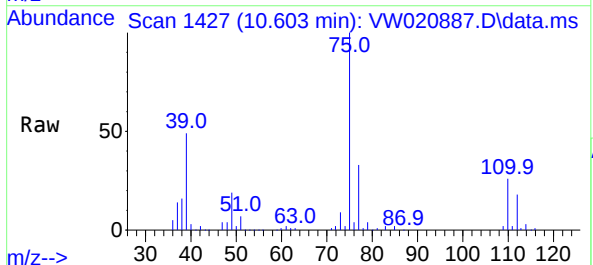
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 179159
Ion Ratio Lower Upper
91 100
92 56.3 41.7 77.5

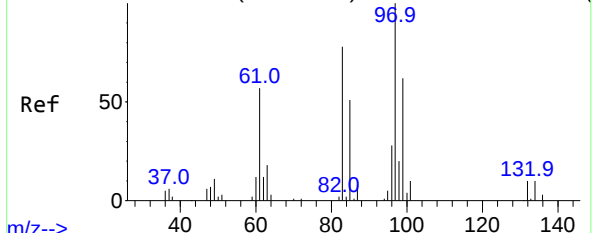


#44
trans-1,3-Dichloropropene
Concen: 23.245 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 75 Resp: 55576
Ion Ratio Lower Upper
75 100
77 32.7 22.2 41.2



Abundance Scan 1457 (10.786 min): VW020887.D\data.ms (



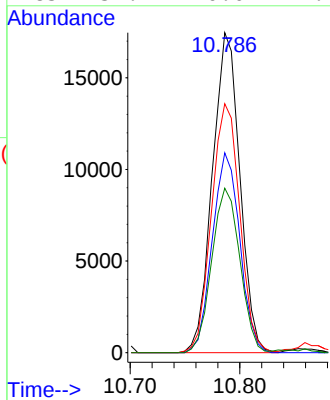
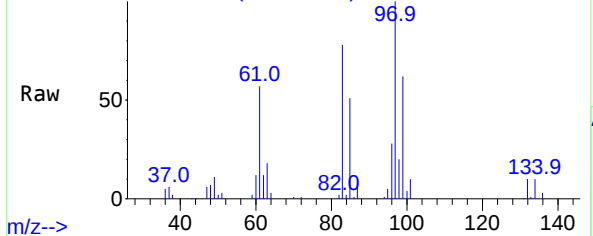
#45
1,1,2-Trichloroethane
Concen: 24.858 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Instrument :
MSVOA_W
ClientSampleId :

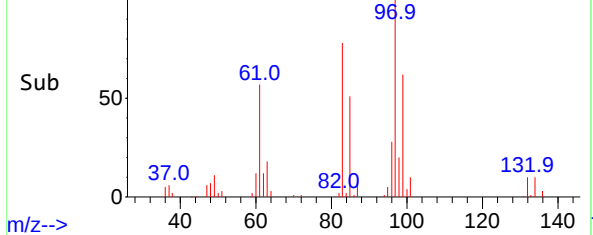
Tgt Ion: 97 Resp: 30365

Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.0	79.8
83	77.8	62.6	116.3
85	51.4	40.0	74.2

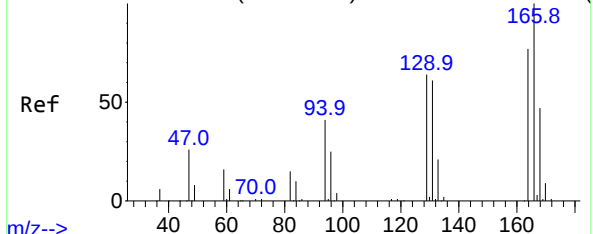
Abundance Scan 1457 (10.786 min): VW020887.D\data.ms



Abundance Scan 1457 (10.786 min): VW020887.D\data.ms (



Abundance Scan 1470 (10.865 min): VW020887.D\data.ms (

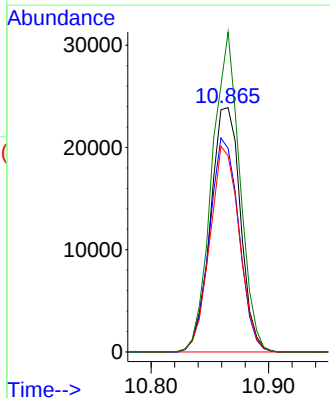
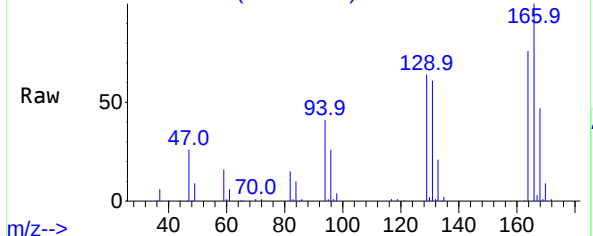


#46
Tetrachloroethene
Concen: 25.399 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

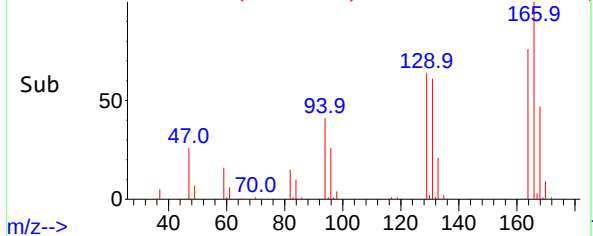
Tgt Ion: 164 Resp: 42397

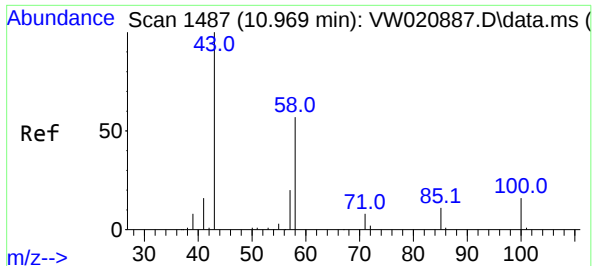
Ion	Ratio	Lower	Upper
164	100		
129	83.3	65.5	121.7
131	80.3	59.7	110.9
166	131.0	88.7	164.7

Abundance Scan 1470 (10.865 min): VW020887.D\data.ms



Abundance Scan 1470 (10.865 min): VW020887.D\data.ms (





#48

2-Hexanone

Concen: 42.912 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

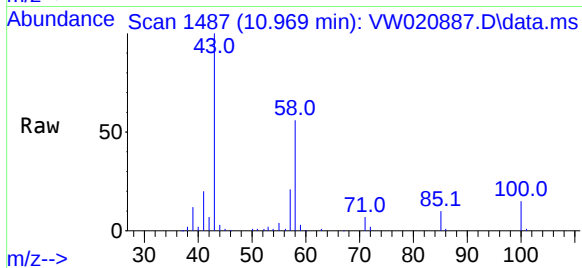
Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 32308

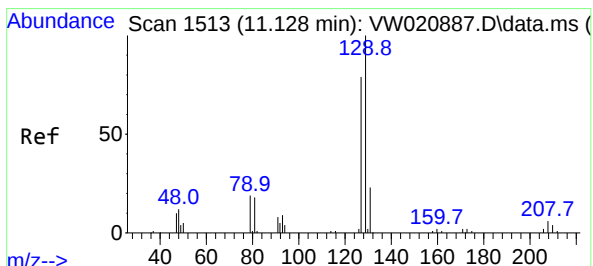
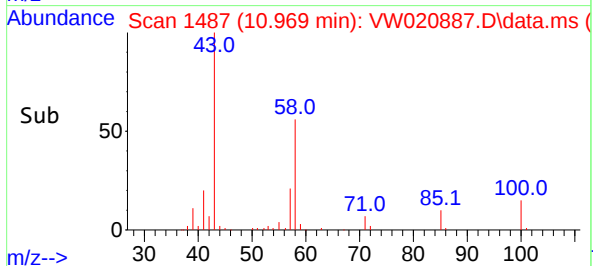
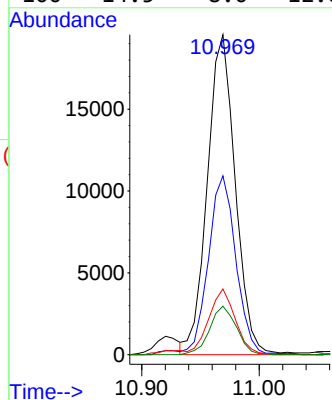
Ion Ratio Lower Upper

43 100

58 54.0 40.2 60.2

57 19.6 14.3 21.5

100 14.5 8.0 12.0#



#49

Dibromochloromethane

Concen: 24.695 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW020887.D

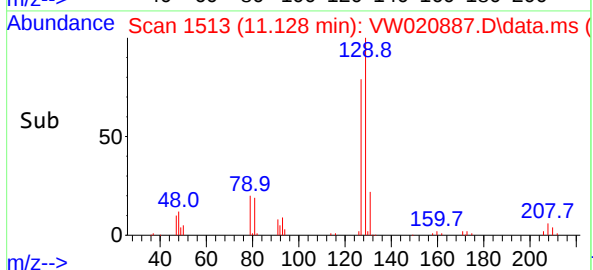
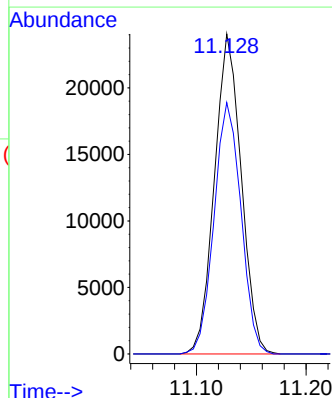
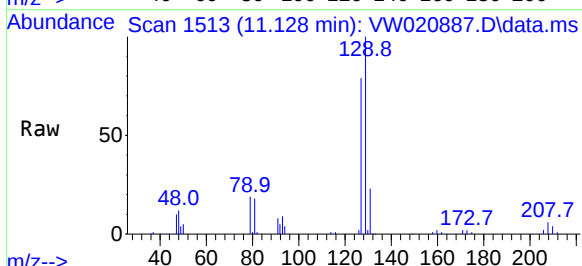
Acq: 15 Nov 2021 10:58

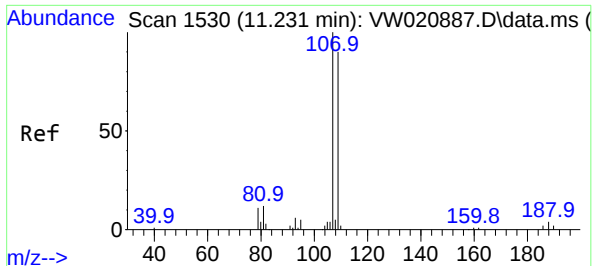
Tgt Ion:129 Resp: 40853

Ion Ratio Lower Upper

129 100

127 78.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.750 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020887.D

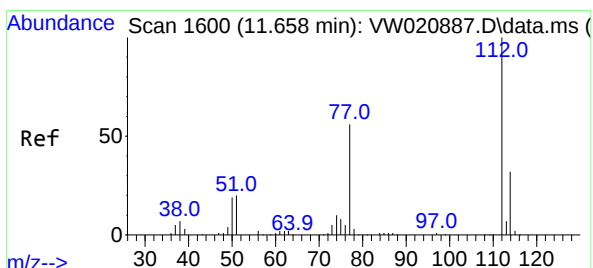
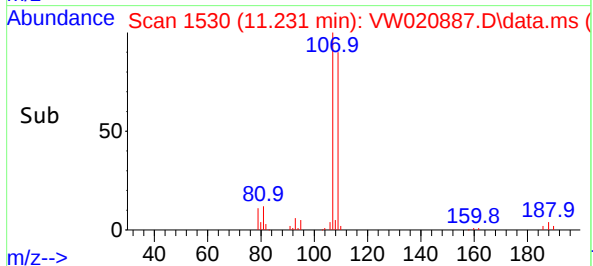
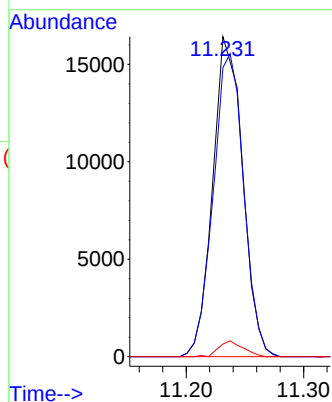
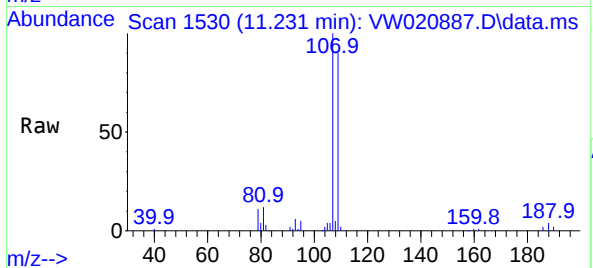
Acq: 15 Nov 2021 10:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	29100
Ion	Ratio	Lower	Upper
107	100		
109	90.4	64.1	119.1
188	3.9	2.6	3.8#



#51

Chlorobenzene

Concen: 24.619 ug/L

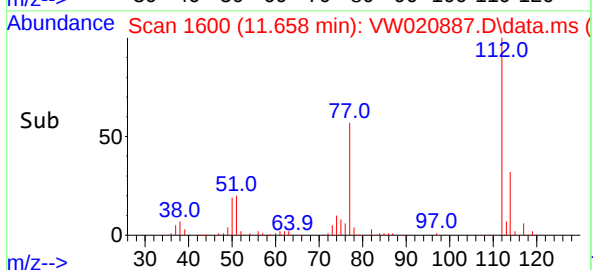
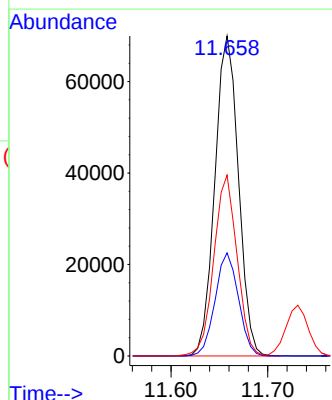
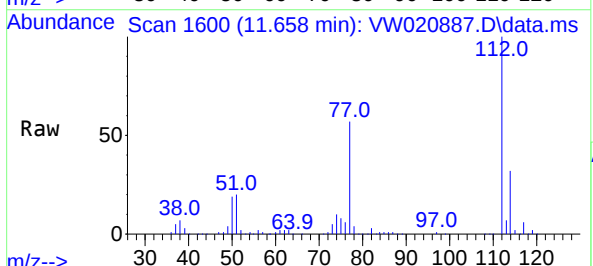
RT: 11.658 min Scan# 1600

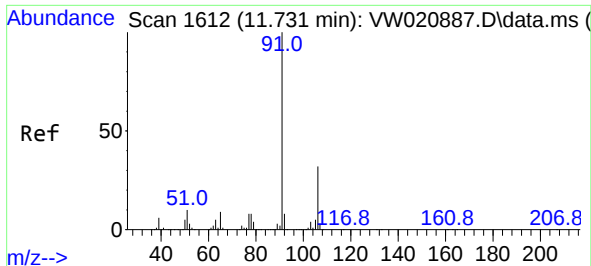
Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

Tgt Ion:	112	Resp:	118410
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	56.5	50.2	75.4





#52

Ethylbenzene

Concen: 24.139 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

Instrument :

MSVOA_W

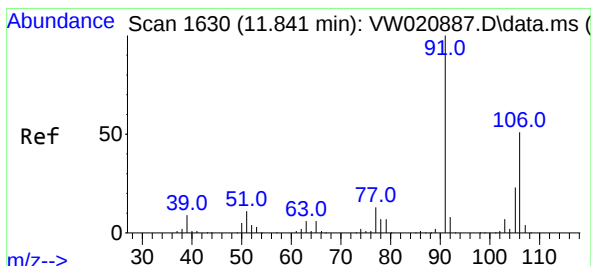
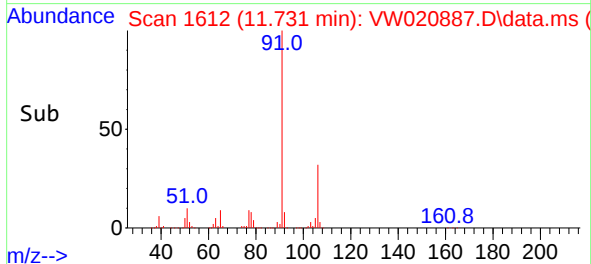
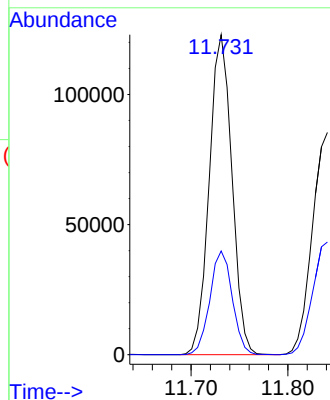
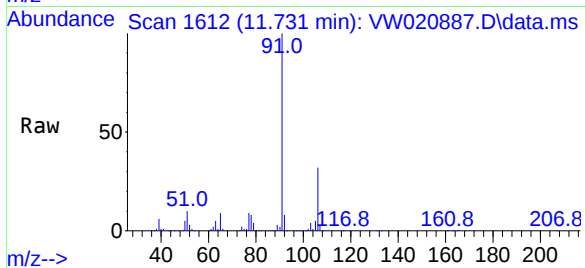
ClientSampleId :

Tgt Ion: 91 Resp: 200303

Ion Ratio Lower Upper

91 100

106 32.4 21.5 39.9



#53

m,p-Xylene

Concen: 24.447 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VW020887.D

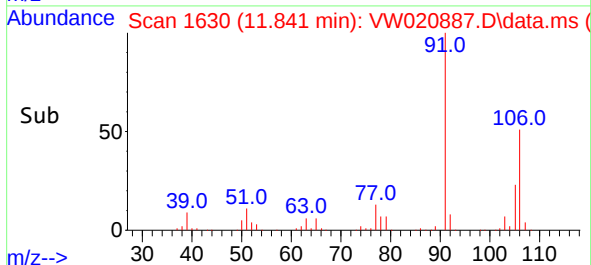
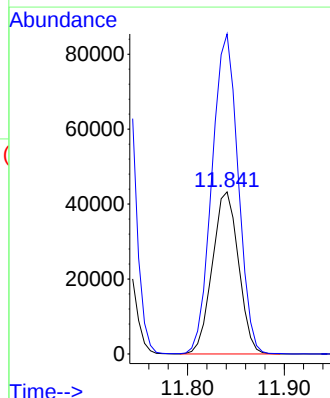
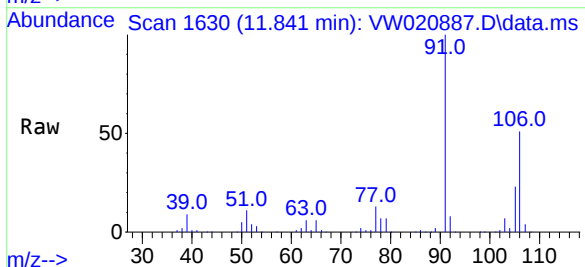
Acq: 15 Nov 2021 10:58

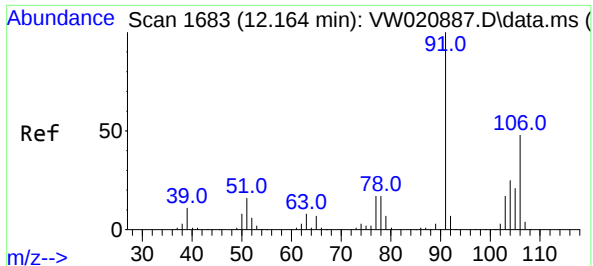
Tgt Ion:106 Resp: 81323

Ion Ratio Lower Upper

106 100

91 197.3 149.9 278.3

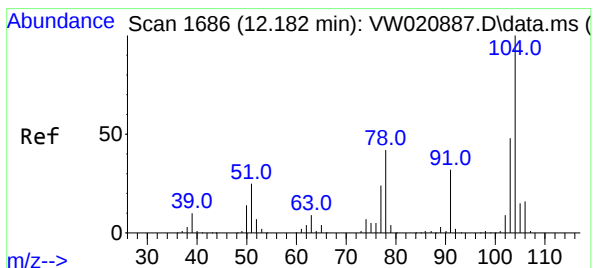
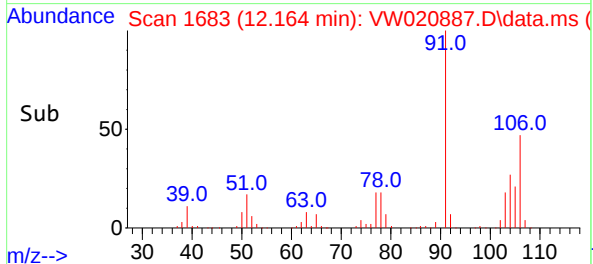
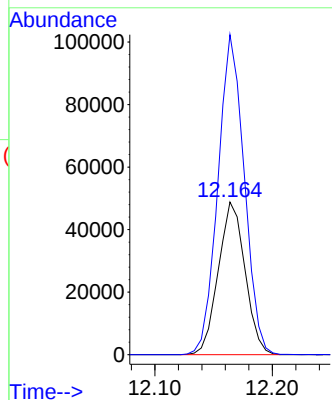
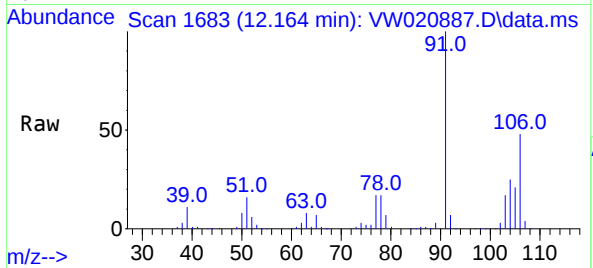




#54
o-Xylene
Concen: 24.505 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

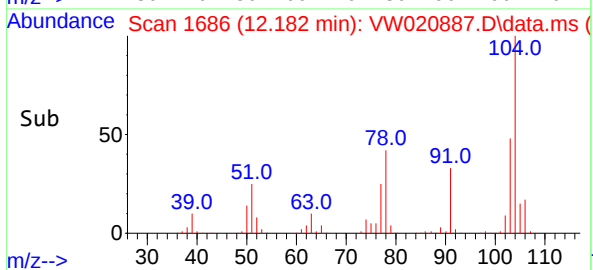
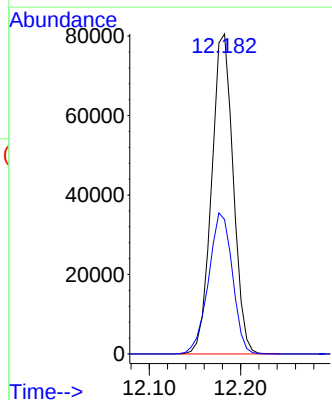
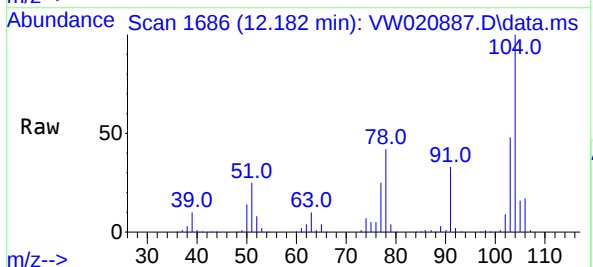
Instrument :
MSVOA_W
ClientSampleId :

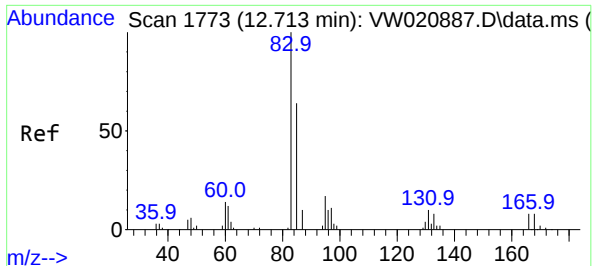
Tgt Ion:106 Resp: 77252
Ion Ratio Lower Upper
106 100
91 209.7 153.6 285.3



#55
Styrene
Concen: 24.611 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion:104 Resp: 132110
Ion Ratio Lower Upper
104 100
78 42.0 34.4 64.0

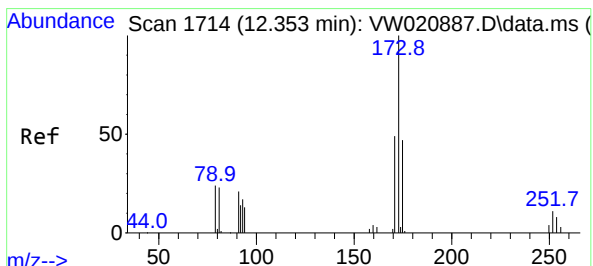
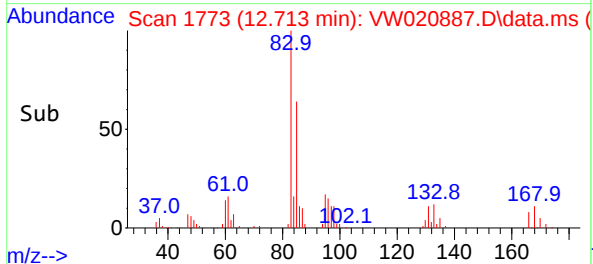
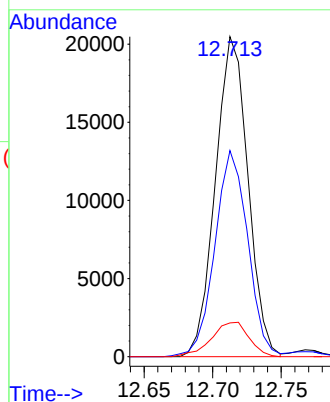
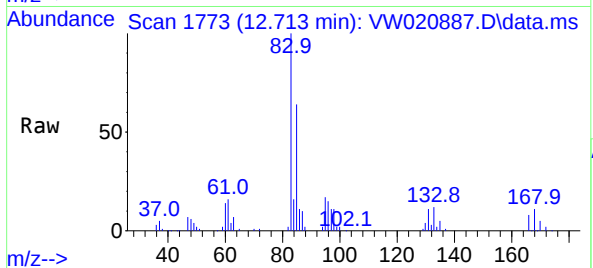




#57
1,1,2,2-Tetrachloroethane
Concen: 23.939 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

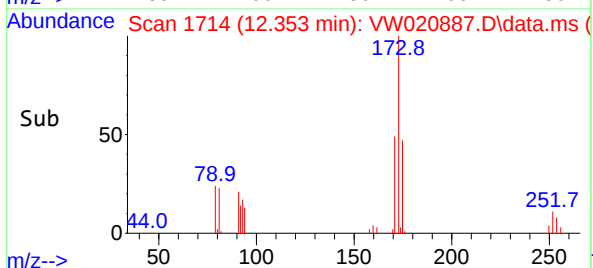
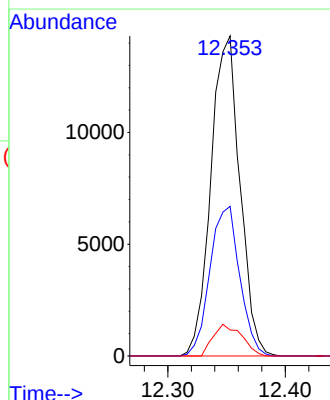
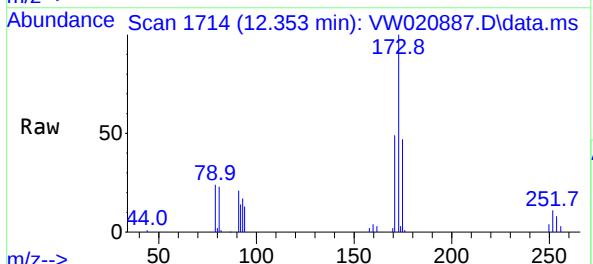
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	83	Resp:	33861
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.0	81.6
131	10.6	6.9	10.3

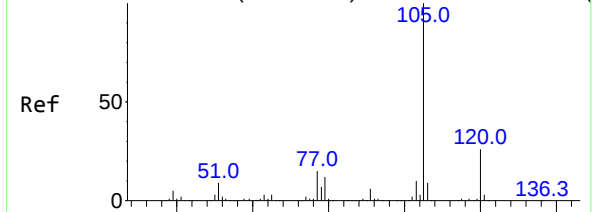


#59
Bromoform
Concen: 22.870 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion:	173	Resp:	24600
Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.6	59.4
254	9.8	7.4	11.0



Abundance Scan 1732 (12.463 min): VW020887.D\data.ms (



#60

Isopropylbenzene

Concen: 24.169 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020887.D

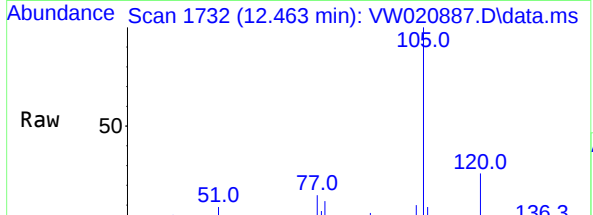
Acq: 15 Nov 2021 10:58

Instrument :

MSVOA_W

ClientSampleId :

Abundance Scan 1732 (12.463 min): VW020887.D\data.ms



Tgt Ion:105 Resp: 213686

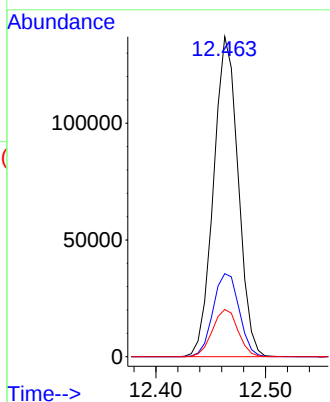
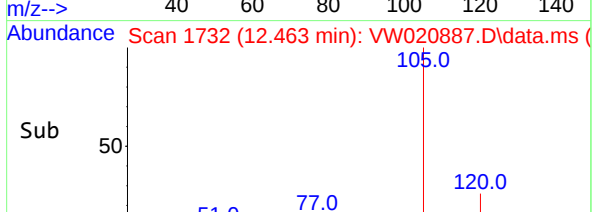
Ion Ratio Lower Upper

105 100

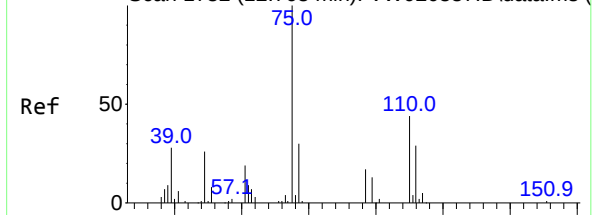
120 27.5 20.1 30.1

77 15.3 13.8 20.8

Abundance Scan 1732 (12.463 min): VW020887.D\data.ms (



Abundance Scan 1782 (12.768 min): VW020887.D\data.ms (



#61

1,2,3-Trichloropropane

Concen: 23.004 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

Tgt Ion: 75 Resp: 24066

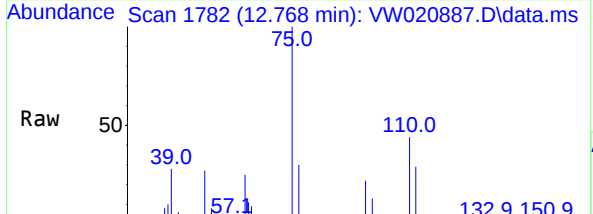
Ion Ratio Lower Upper

75 100

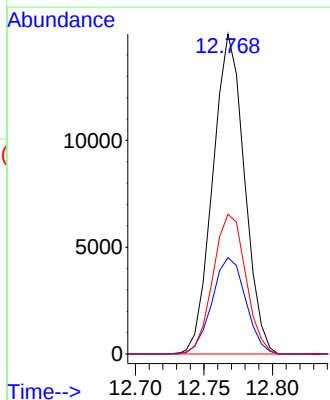
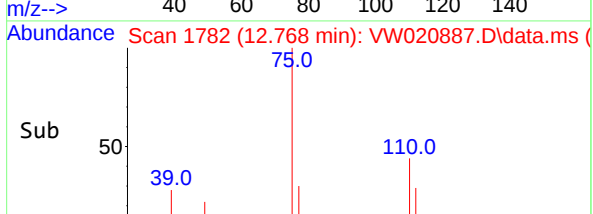
77 32.0 25.8 38.8

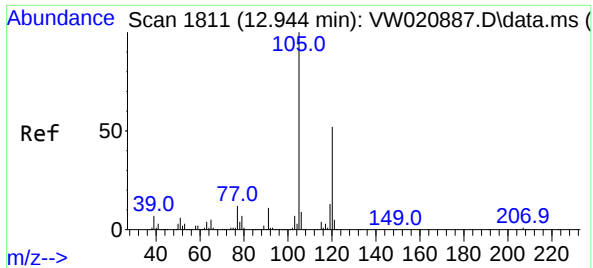
110 45.2 29.0 43.4#

Abundance Scan 1782 (12.768 min): VW020887.D\data.ms



Abundance Scan 1782 (12.768 min): VW020887.D\data.ms (

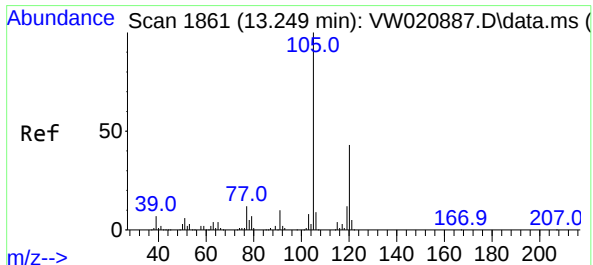
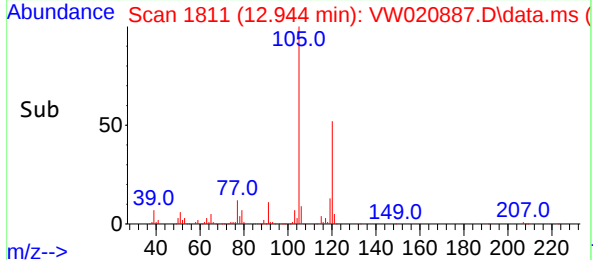
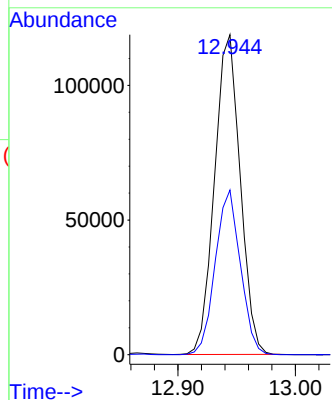
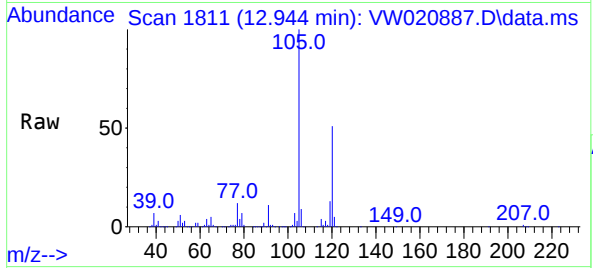




#62
1,3,5-Trimethylbenzene
Concen: 23.846 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

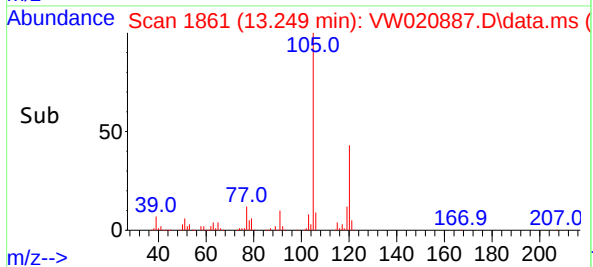
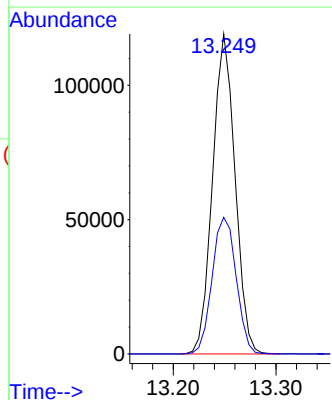
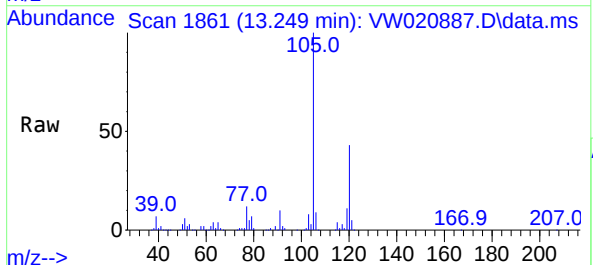
Instrument :
MSVOA_W
ClientSampleId :

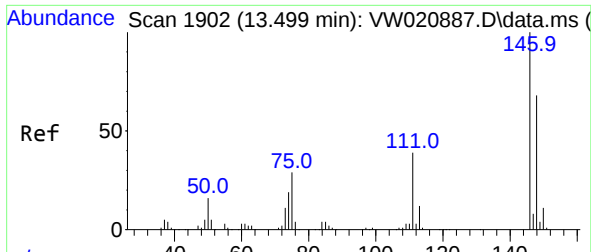
Tgt Ion:105 Resp: 180503
Ion Ratio Lower Upper
105 100
120 50.4 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 24.002 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion:105 Resp: 181147
Ion Ratio Lower Upper
105 100
120 45.6 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 24.537 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

Instrument :

MSVOA_W

ClientSampleId :

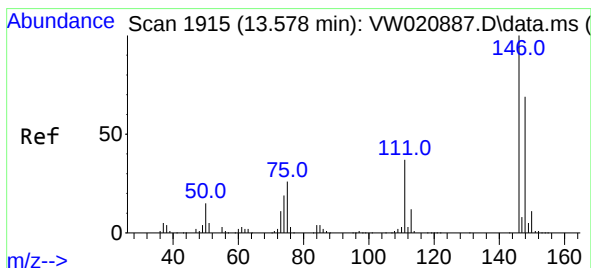
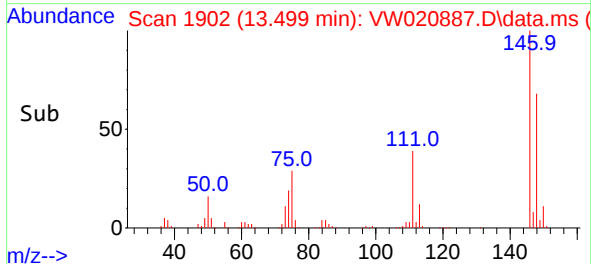
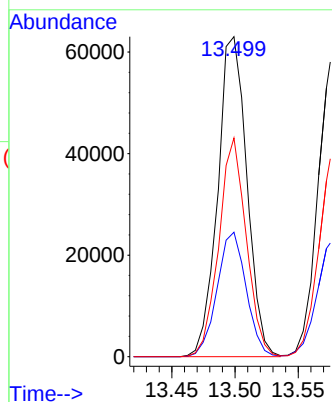
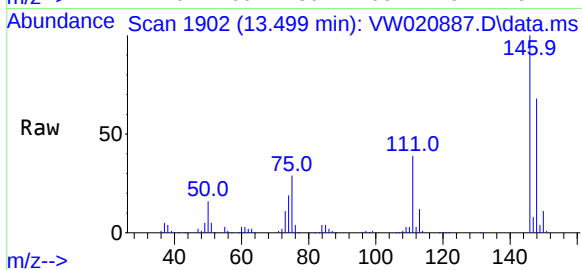
Tgt Ion:146 Resp: 101139

Ion Ratio Lower Upper

146 100

111 38.9 29.8 55.3

148 68.4 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 24.406 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

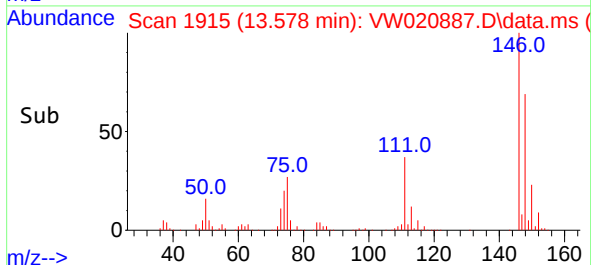
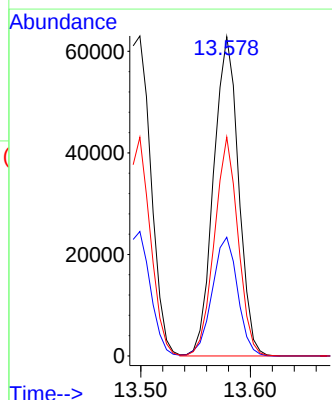
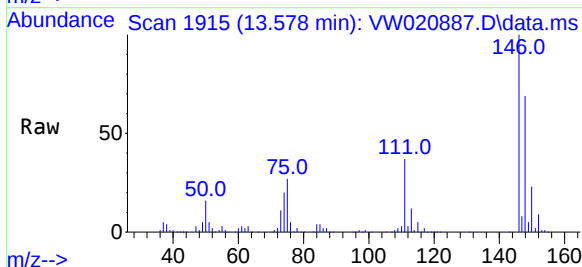
Tgt Ion:146 Resp: 99765

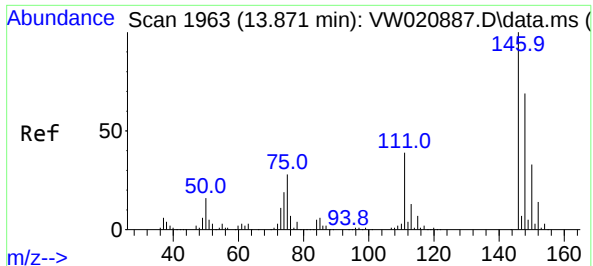
Ion Ratio Lower Upper

146 100

111 37.2 29.0 53.9

148 68.6 46.9 87.1

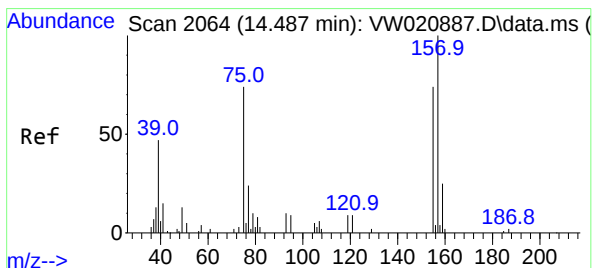
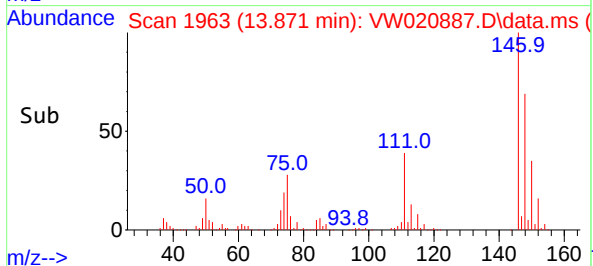
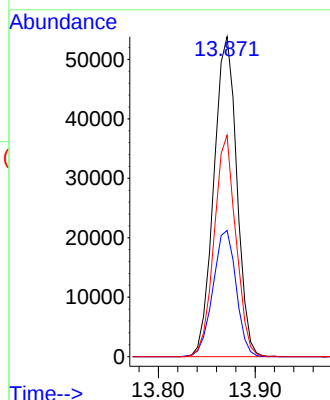
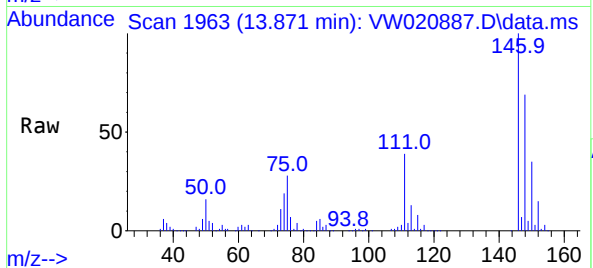




#67
1,2-Dichlorobenzene
Concen: 24.471 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

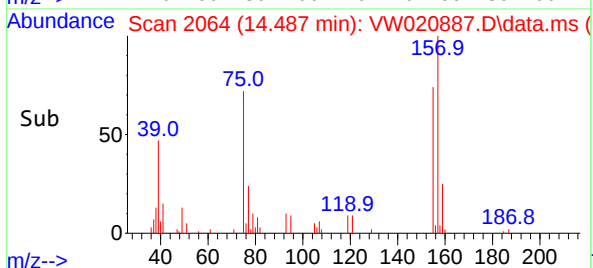
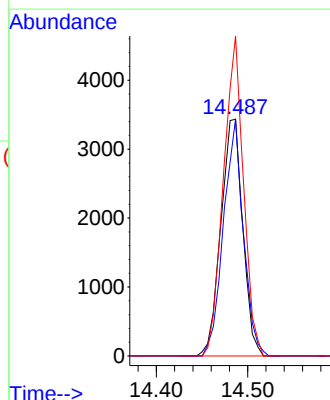
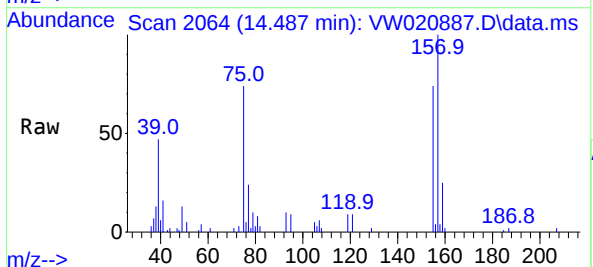
Instrument :
MSVOA_W
ClientSampleId :

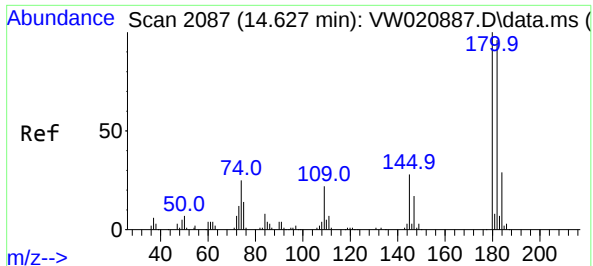
Tgt Ion:146 Resp: 88756
Ion Ratio Lower Upper
146 100
111 39.4 33.1 49.7
148 69.2 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 22.557 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

Tgt Ion: 75 Resp: 5709
Ion Ratio Lower Upper
75 100
155 100.1 54.2 81.2#
157 135.1 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 25.702 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 84129

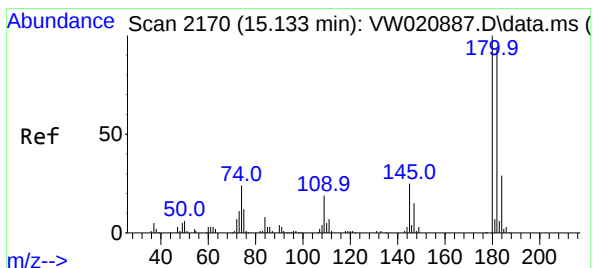
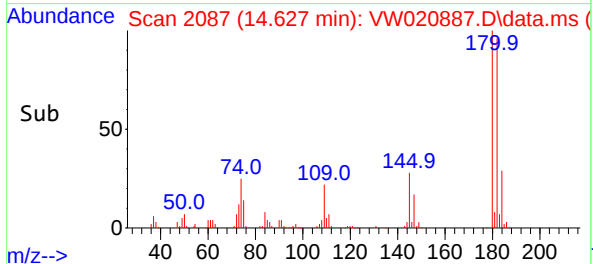
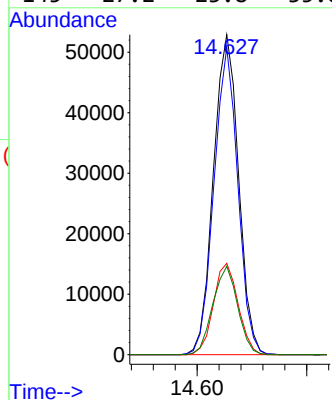
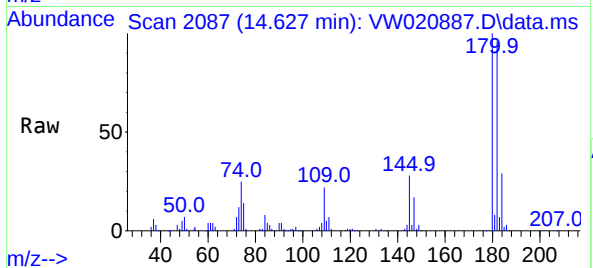
Ion Ratio Lower Upper

180 100

182 91.4 75.4 113.0

184 28.2 23.8 35.8

145 27.2 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 24.390 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW020887.D

Acq: 15 Nov 2021 10:58

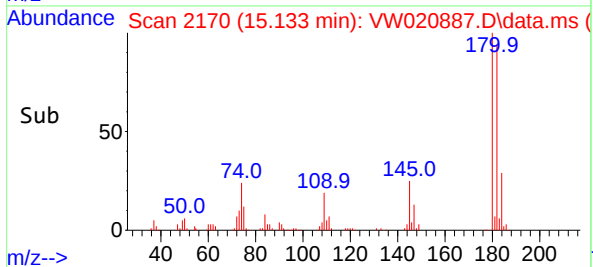
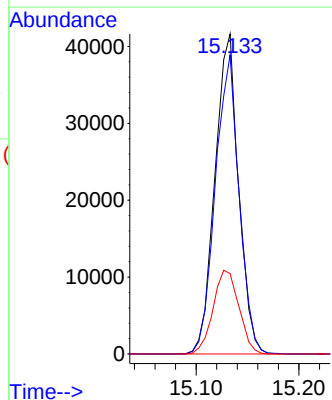
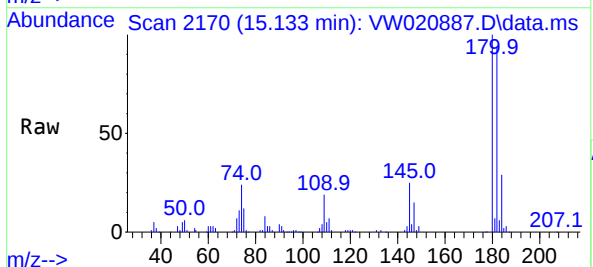
Tgt Ion:180 Resp: 66401

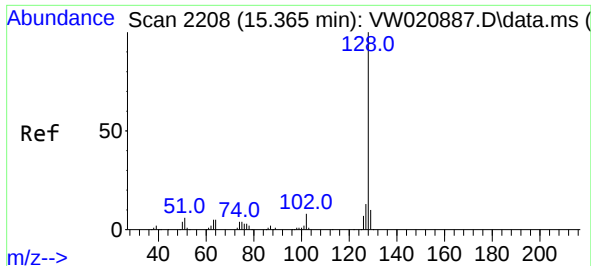
Ion Ratio Lower Upper

180 100

182 93.8 79.0 118.6

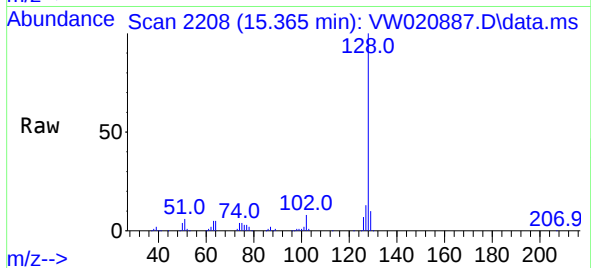
145 28.5 26.0 39.0



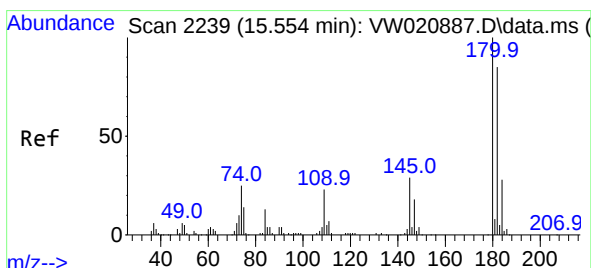
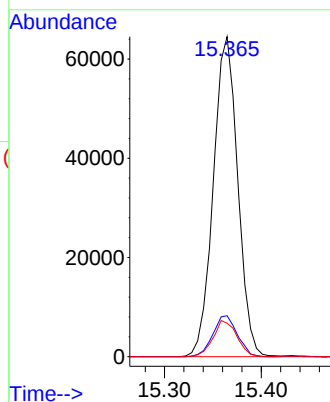
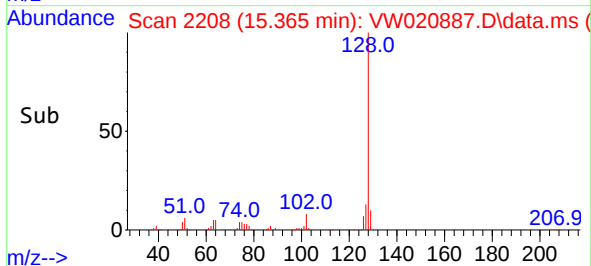


#71
Naphthalene
Concen: 24.574 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58

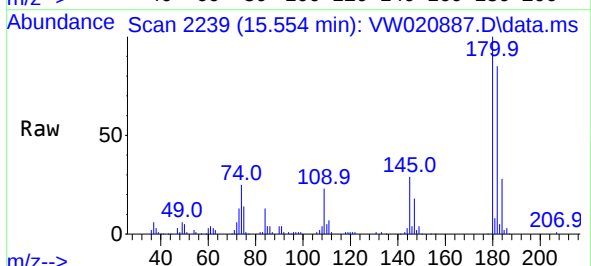
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	113150
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.7	16.1
129	11.0	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.897 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020887.D
Acq: 15 Nov 2021 10:58



Tgt Ion:	180	Resp:	55133
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.6	114.8
145	31.4	27.4	41.0

