

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020888.D
 Acq On : 15 Nov 2021 11:22
 Operator : SY/VA
 Sample : VSTD05022
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 11:47:39 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	118387	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	108598	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	60003	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	73236	61.916	ug/L	0.00
7) Chloroethane-d5	2.885	69	48210	69.866	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	138967	57.779	ug/L	0.00
21) 2-Butanone-d5	7.080	46	33278	92.653	ug/L	0.00
24) Chloroform-d	7.653	84	154310	57.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	76943	54.076	ug/L	0.00
32) Benzene-d6	8.275	84	297660	58.033	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	83864	53.951	ug/L	0.00
41) Toluene-d8	10.323	98	294101	58.331	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	40381	52.677	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	27525	91.625	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	62940	50.037	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	106566	54.573	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	21064	48.562	ug/L	100
3) Chloromethane	2.215	50	52327	44.282	ug/L	98
5) Vinyl chloride	2.361	62	94474	53.461	ug/L	97
6) Bromomethane	2.782	94	50967	54.507	ug/L	94
8) Chloroethane	2.922	64	39735	59.515	ug/L	95
9) Trichlorofluoromethane	3.257	101	54545	57.330	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	85182	54.744	ug/L	89
12) 1,1-Dichloroethene	4.044	96	79694	54.030	ug/L	78
13) Acetone	4.123	43	27810	84.790	ug/L	93
14) Carbon disulfide	4.385	76	200101	46.315	ug/L	100
15) Methyl Acetate	4.672	43	27349	47.143	ug/L	# 90
16) Methylene chloride	4.921	84	75275	43.690	ug/L	86
17) trans-1,2-Dichloroethene	5.434	96	83379	53.217	ug/L	82
18) Methyl tert-butyl Ether	5.427	73	123456	54.596	ug/L	94
19) 1,1-Dichloroethane	6.220	63	141320	52.248	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	91491	54.835	ug/L	72
22) 2-Butanone	7.171	43	39283	90.518	ug/L	87
23) Bromochloromethane	7.519	128	41417	53.537	ug/L	# 68
25) Chloroform	7.677	83	154452	54.169	ug/L	97
27) 1,2-Dichloroethane	8.403	62	92175	50.512	ug/L	# 95
29) Cyclohexane	7.958	56	127588	47.288	ug/L	87
30) 1,1,1-Trichloroethane	7.872	97	141898	55.523	ug/L	94
31) Carbon tetrachloride	8.067	117	134366	55.643	ug/L	99
33) Benzene	8.323	78	326497	51.428	ug/L	100
34) Trichloroethene	9.091	95	92655	54.402	ug/L	94
35) Methylcyclohexane	9.335	83	149777	51.223	ug/L	86
37) 1,2-Dichloropropane	9.372	63	76845	51.313	ug/L	# 97
38) Bromodichloromethane	9.646	83	114519	54.133	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	129375	52.802	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	87923	91.383	ug/L	# 93
42) Toluene	10.390	91	372944	54.238	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	114257	51.550	ug/L	98

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

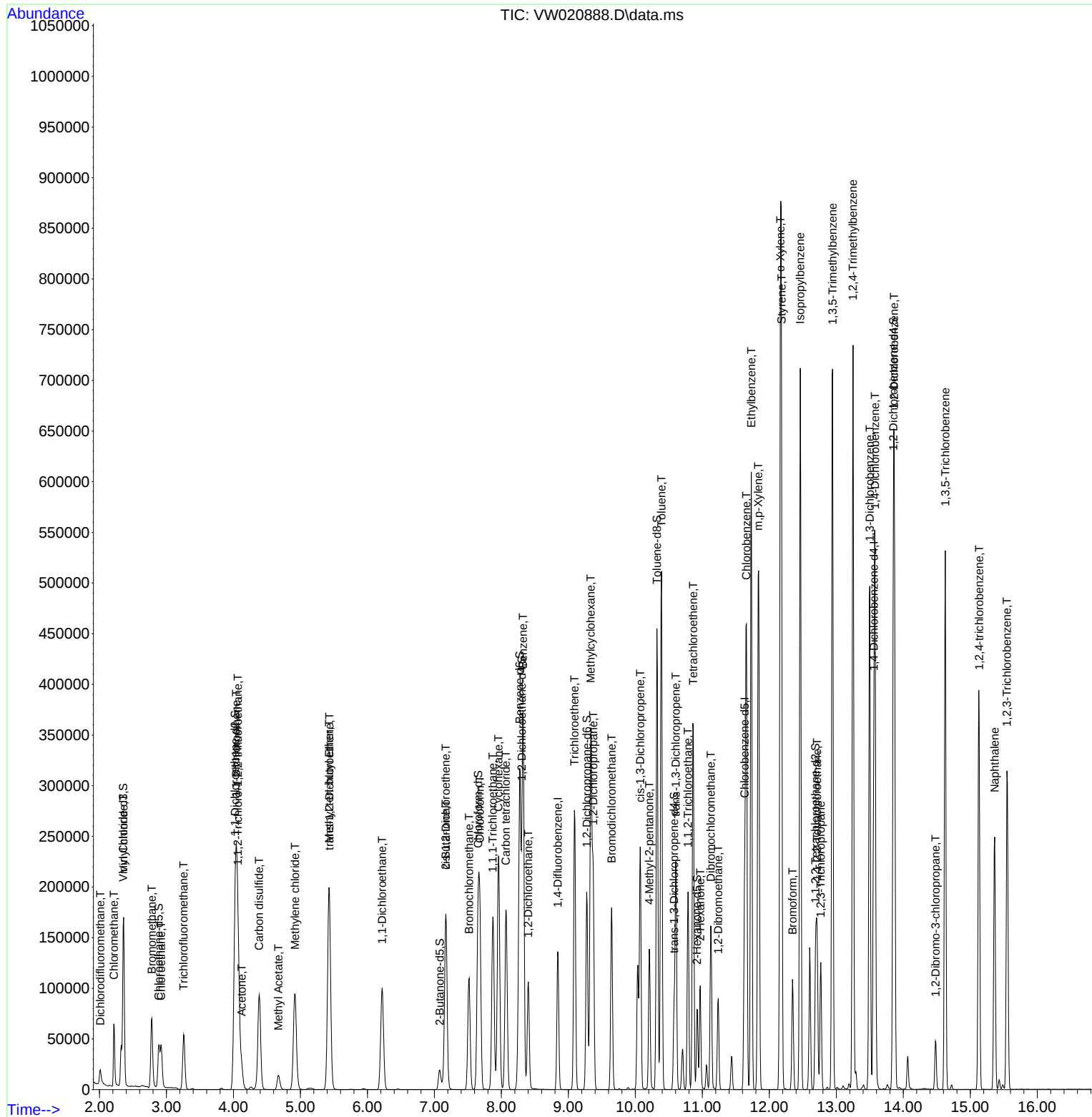
45) 1,1,2-Trichloroethane	10.786	97	59464	52.512	ug/L	94
46) Tetrachloroethene	10.866	164	85991	55.570	ug/L	93
48) 2-Hexanone	10.969	43	63041	90.323	ug/L #	94
49) Dibromochloromethane	11.128	129	85866	55.990	ug/L	94
50) 1,2-Dibromoethane	11.237	107	58984	51.929	ug/L #	100
51) Chlorobenzene	11.658	112	247790	55.575	ug/L	94
52) Ethylbenzene	11.731	91	416606	54.159	ug/L	97
53) m,p-Xylene	11.835	106	169420	54.941	ug/L	87
54) o-Xylene	12.164	106	164054	56.136	ug/L	90
55) Styrene	12.182	104	281901	56.651	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	65958	50.303	ug/L #	96
59) Bromoform	12.347	173	49838	50.325	ug/L	95
60) Isopropylbenzene	12.463	105	447808	55.014	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	46789	48.577	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	382654	54.907	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	380363	54.740	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	205840	54.241	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	206920	54.980	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	182803	54.743	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	10936	46.931	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	161735	53.669	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	130571	52.093	ug/L	99
71) Naphthalene	15.365	128	220157	51.934	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	113026	53.210	ug/L	98

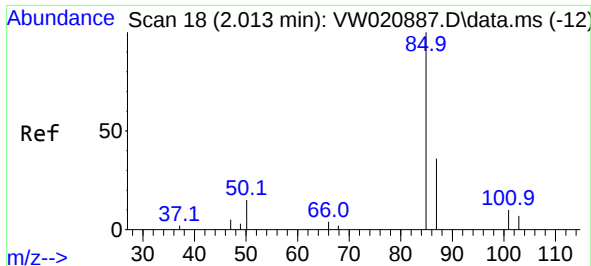
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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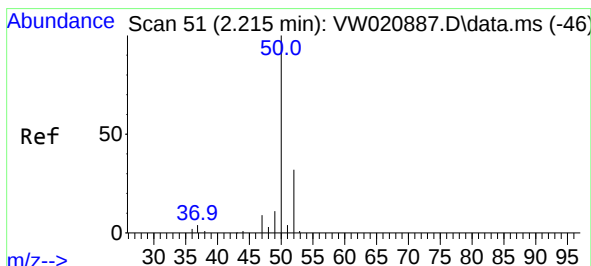
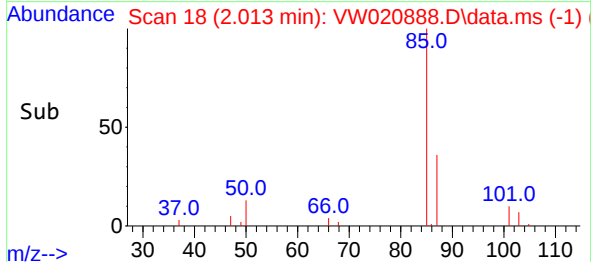
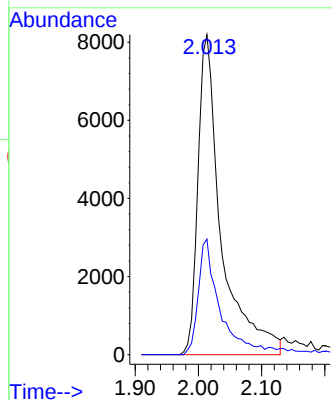
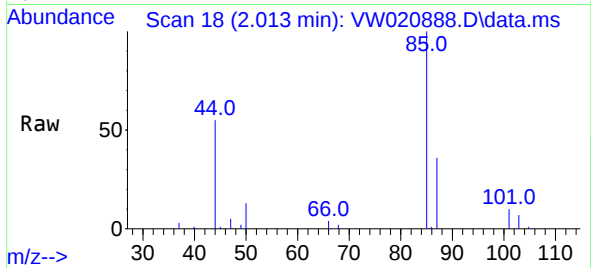




#2
 Dichlorodifluoromethane
 Concen: 48.562 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020888.D
 Acq: 15 Nov 2021 11:22

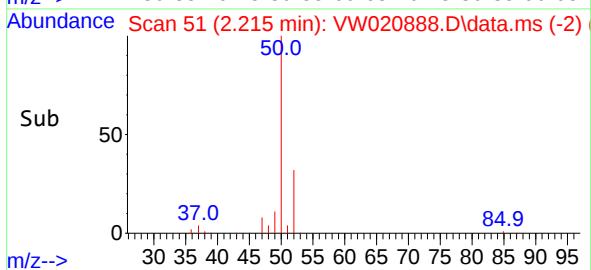
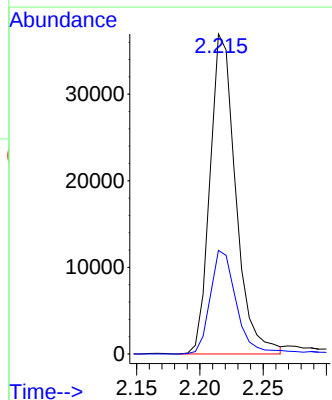
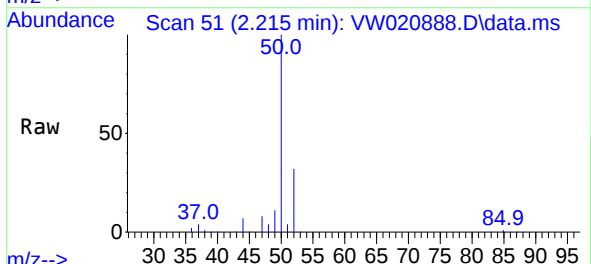
Instrument :
 MSVOA_W
 ClientSampleId :

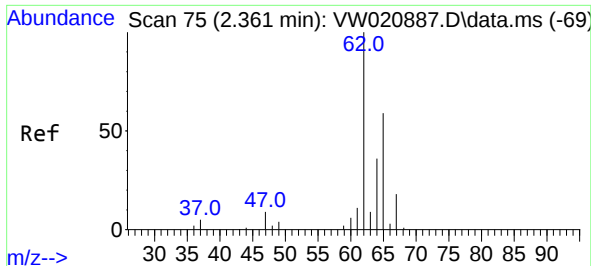
Tgt Ion: 85 Resp: 21064
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 44.282 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW020888.D
 Acq: 15 Nov 2021 11:22

Tgt Ion: 50 Resp: 52327
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.6

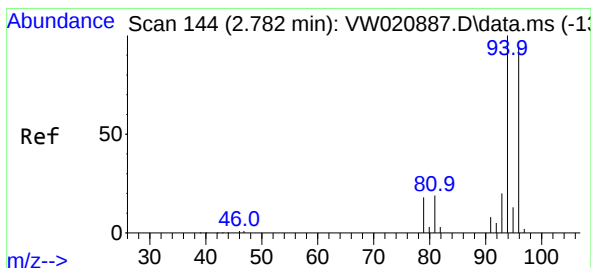
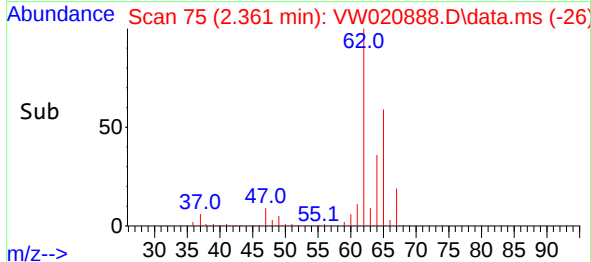
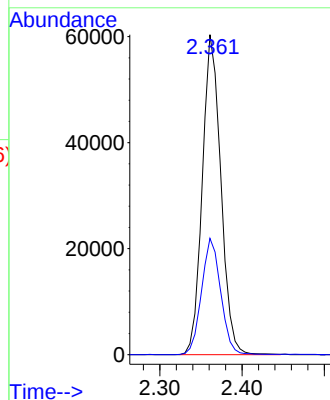
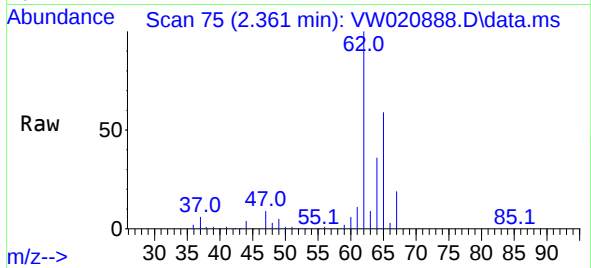




#5
 Vinyl chloride
 Concen: 53.461 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020888.D
 Acq: 15 Nov 2021 11:22

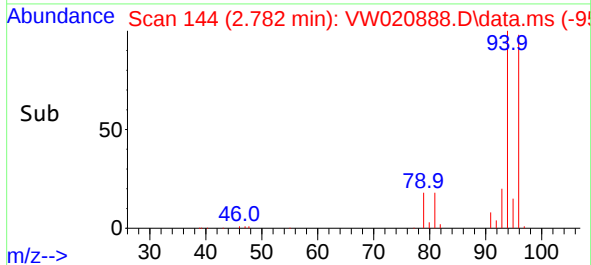
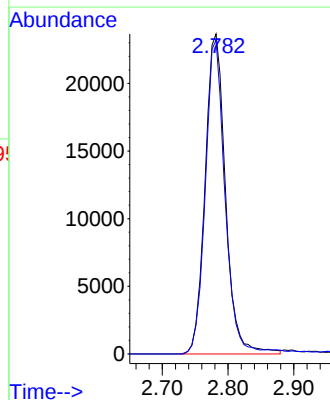
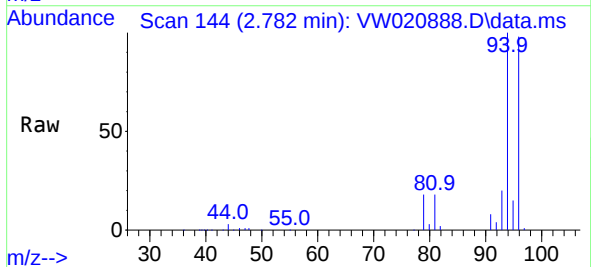
Instrument :
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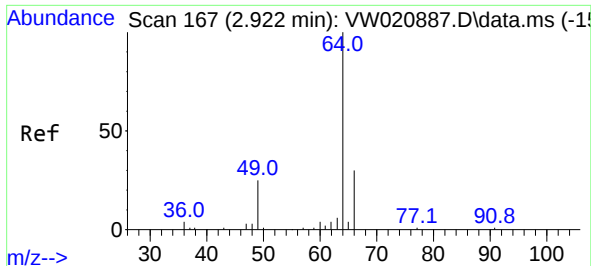
Tgt Ion: 62 Resp: 94474
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.4 45.2



#6
 Bromomethane
 Concen: 54.507 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW020888.D
 Acq: 15 Nov 2021 11:22

Tgt Ion: 94 Resp: 50967
 Ion Ratio Lower Upper
 94 100
 96 98.0 64.8 120.4

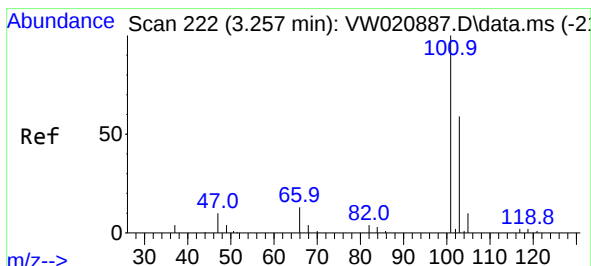
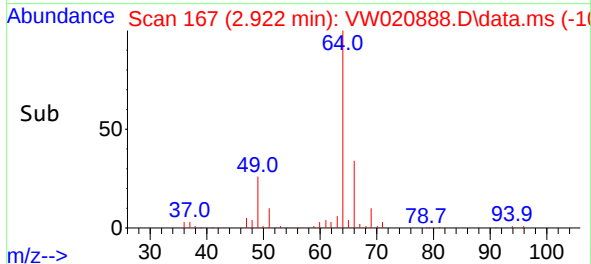
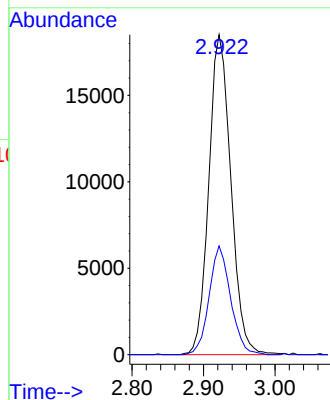
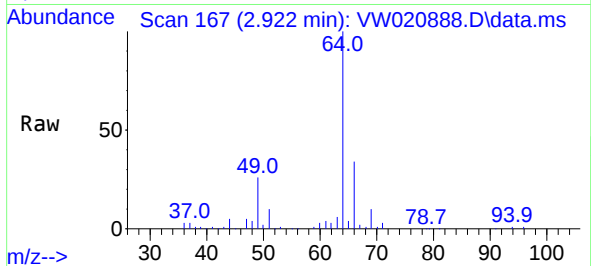




#8
Chloroethane
Concen: 59.515 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

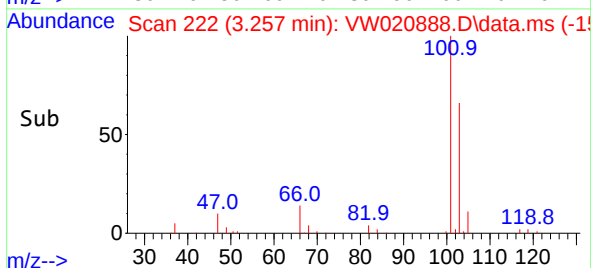
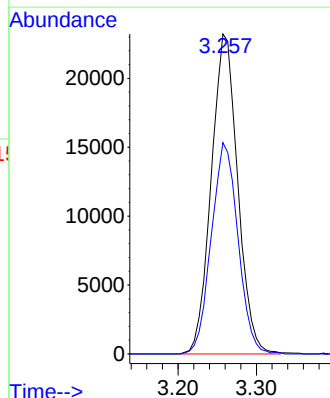
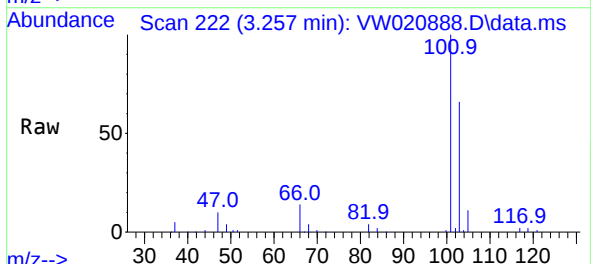
Instrument :
MSVOA_W
ClientSampleId :

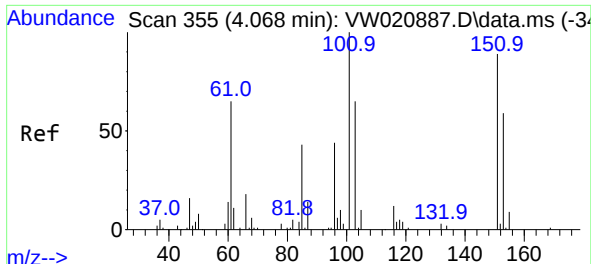
Tgt Ion: 64 Resp: 39735
Ion Ratio Lower Upper
64 100
66 34.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 57.330 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion:101 Resp: 54545
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.2

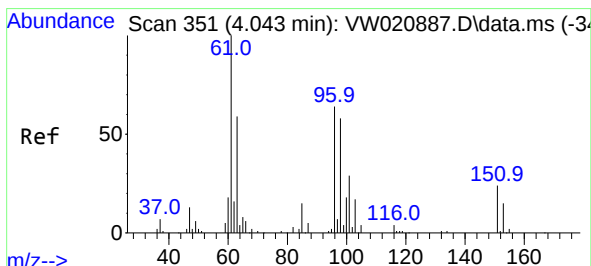
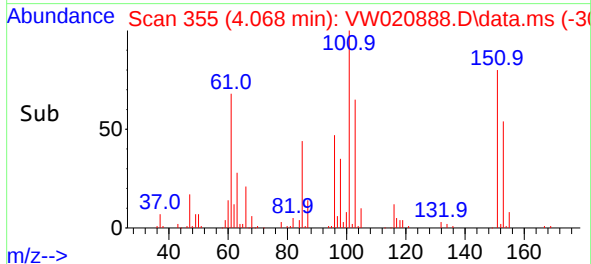
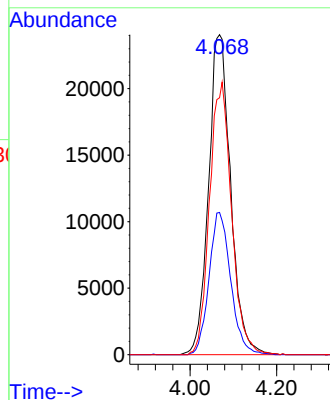
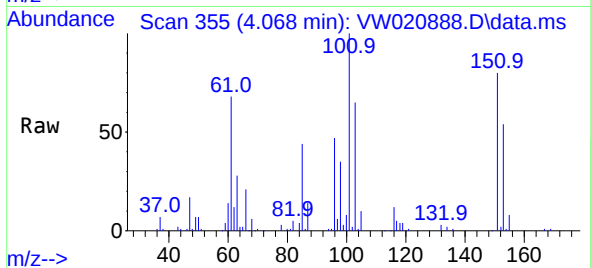




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.744 ug/L
RT: 4.068 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

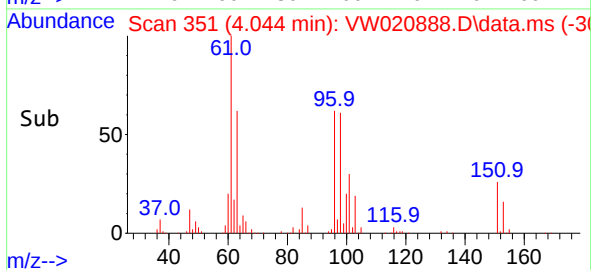
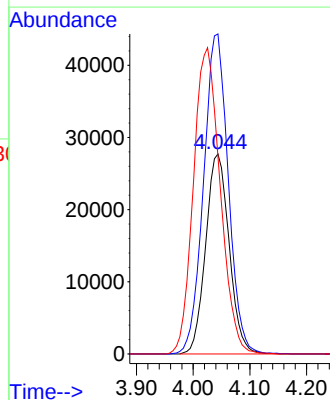
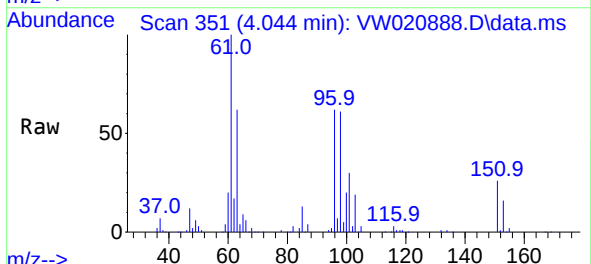
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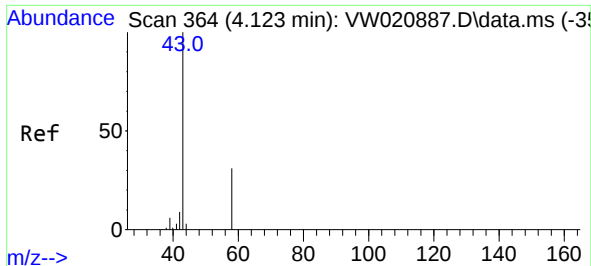
Tgt Ion:101 Resp: 85182
Ion Ratio Lower Upper
101 100
85 43.7 36.6 54.8
151 84.7 57.4 86.0



#12
1,1-Dichloroethene
Concen: 54.030 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

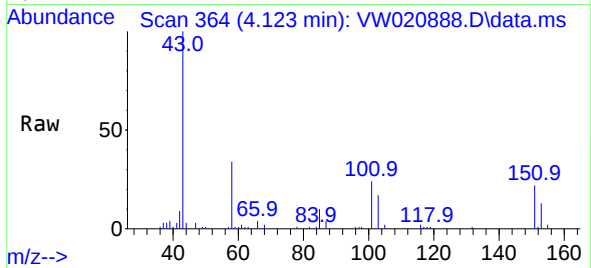
Tgt Ion: 96 Resp: 79694
Ion Ratio Lower Upper
96 100
61 160.0 138.3 256.9
63 98.7 82.6 153.4



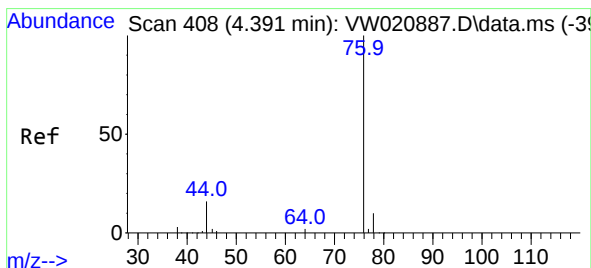
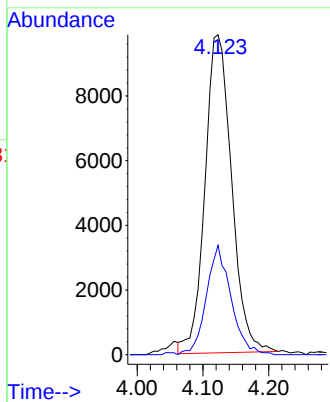
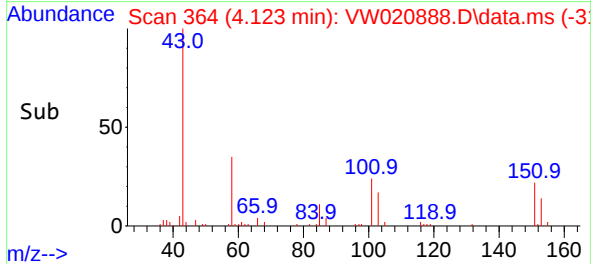


#13
Acetone
Concen: 84.790 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Instrument :
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ClientSampleId :

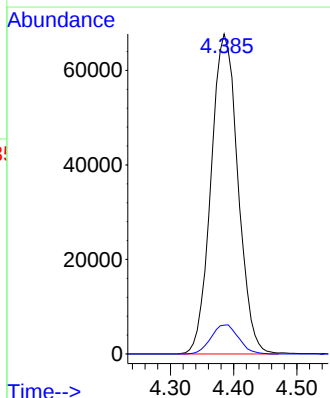
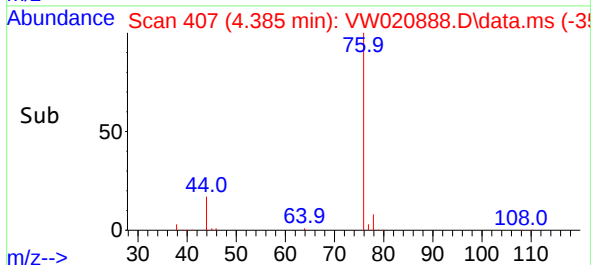
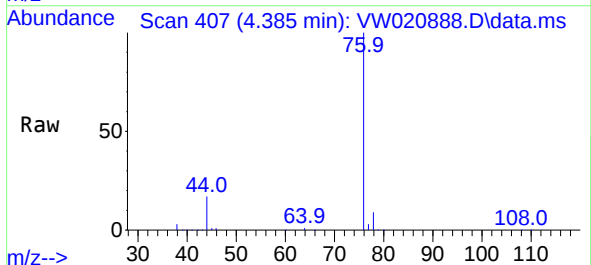


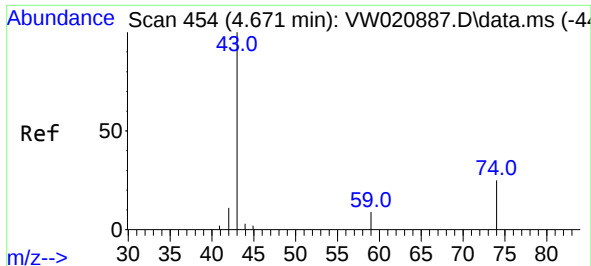
Tgt Ion: 43 Resp: 27810
Ion Ratio Lower Upper
43 100
58 30.2 0.0 52.8



#14
Carbon disulfide
Concen: 46.315 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion: 76 Resp: 200101
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

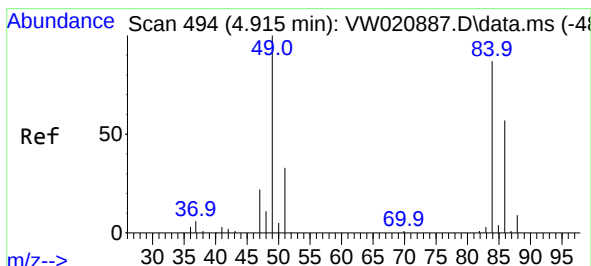
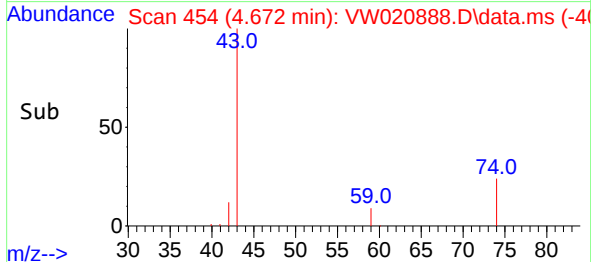
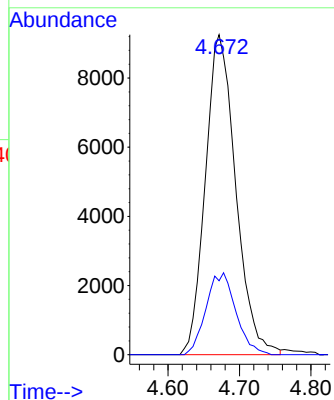
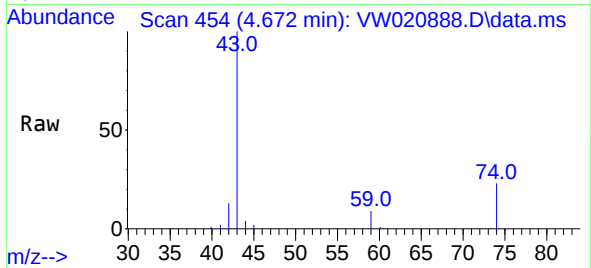




#15
Methyl Acetate
Concen: 47.143 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

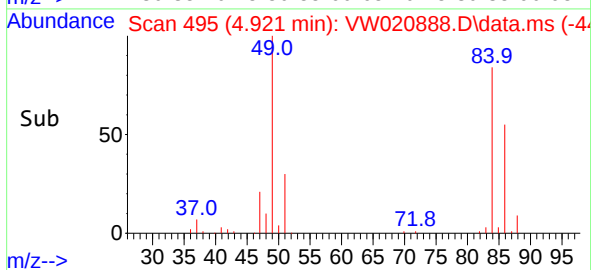
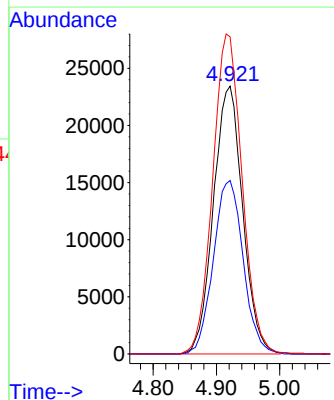
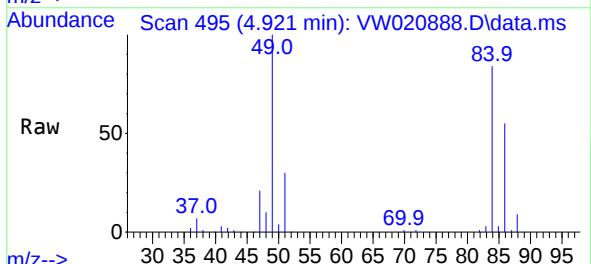
Instrument :
MSVOA_W
ClientSampleId :

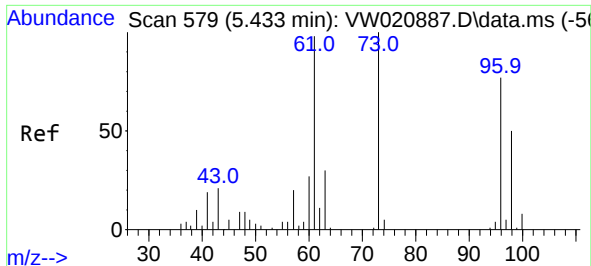
Tgt Ion: 43 Resp: 27349
Ion Ratio Lower Upper
43 100
74 25.1 16.4 24.6#



#16
Methylene chloride
Concen: 43.690 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

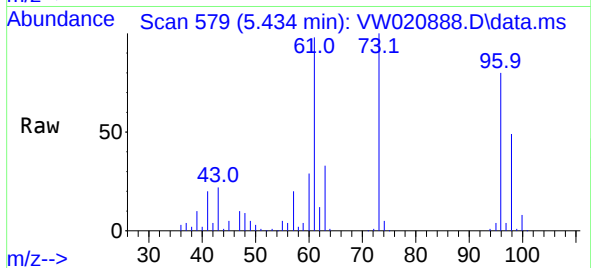
Tgt Ion: 84 Resp: 75275
Ion Ratio Lower Upper
84 100
86 64.8 45.5 84.5
49 118.4 100.5 186.7



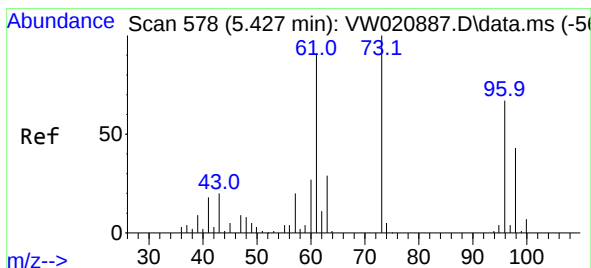
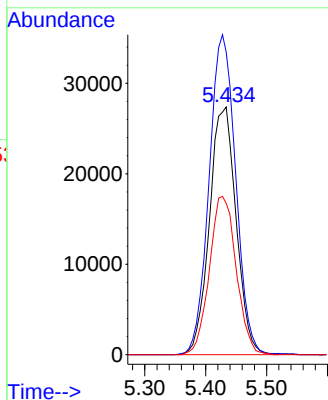
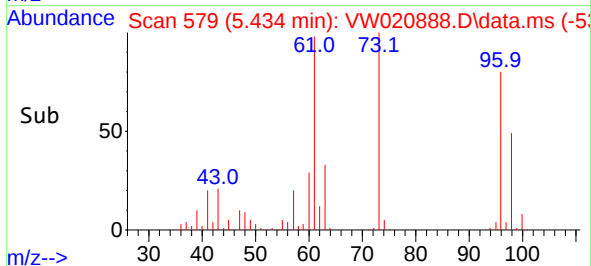


#17
trans-1,2-Dichloroethene
Concen: 53.217 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Instrument :
MSVOA_W
ClientSampleId :

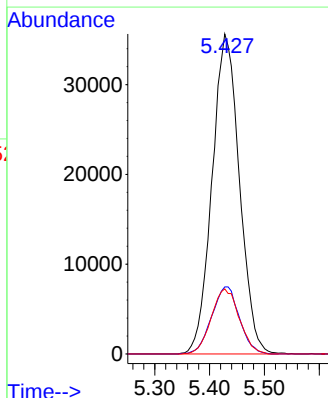
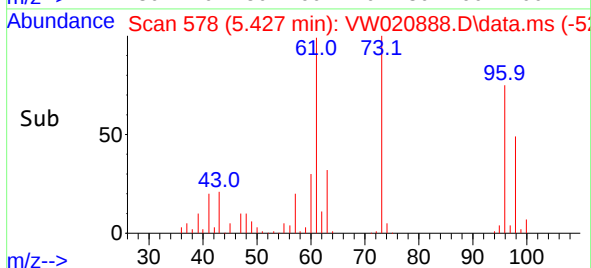
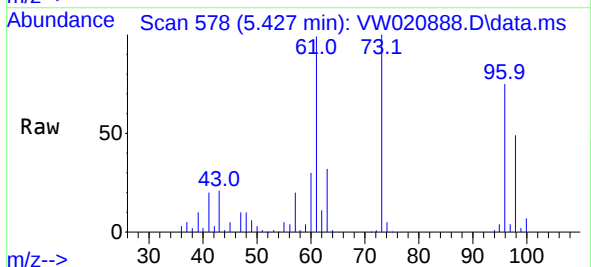


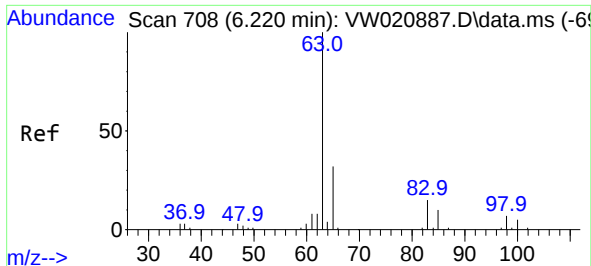
Tgt Ion: 96 Resp: 83379
Ion Ratio Lower Upper
96 100
61 122.1 107.4 199.4
98 61.1 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 54.596 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

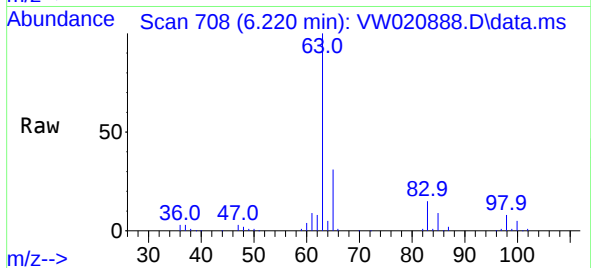
Tgt Ion: 73 Resp: 123456
Ion Ratio Lower Upper
73 100
43 21.3 19.5 29.3
57 20.9 19.3 28.9



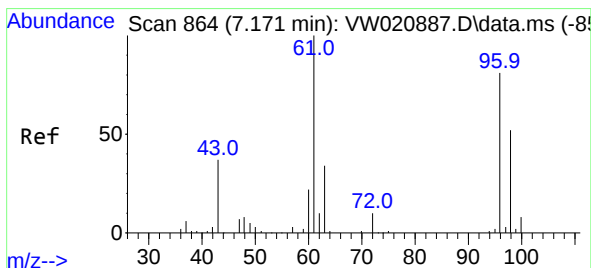
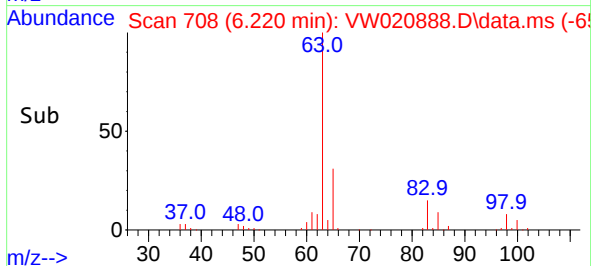
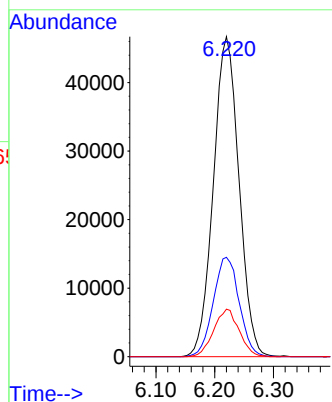


#19
1,1-Dichloroethane
Concen: 52.248 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Instrument :
MSVOA_W
ClientSampleId :

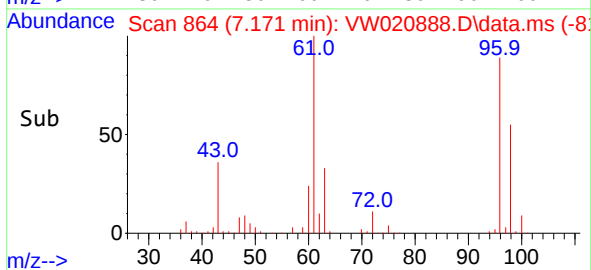
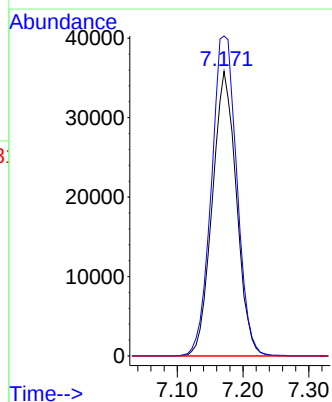
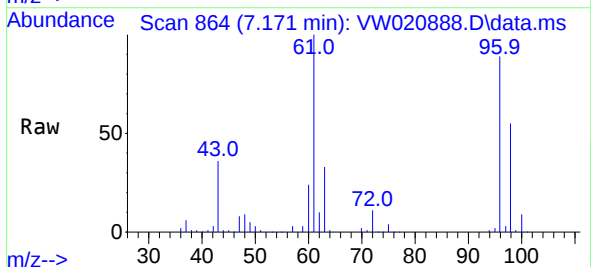


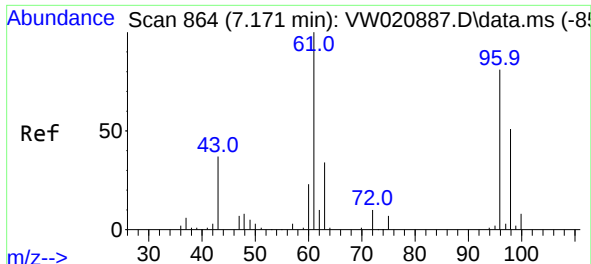
Tgt Ion: 63 Resp: 141320
Ion Ratio Lower Upper
63 100
65 31.0 22.1 41.1
83 14.8 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 54.835 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion: 96 Resp: 91491
Ion Ratio Lower Upper
96 100
61 112.4 103.7 192.7
68 0.0 0.0 0.0

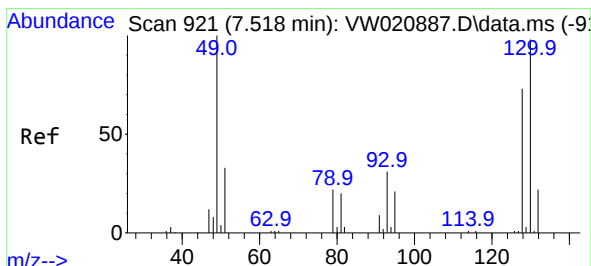
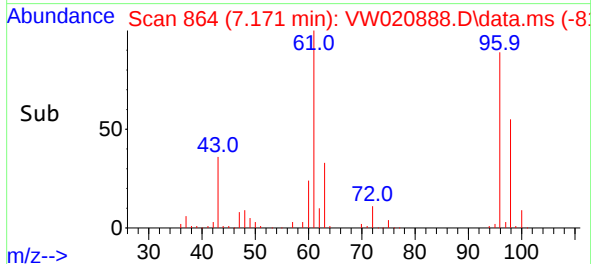
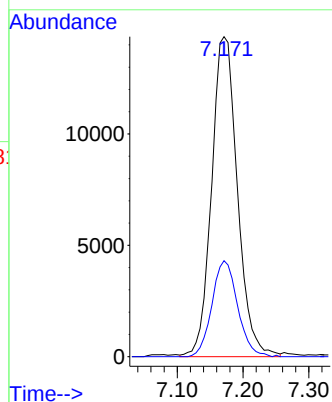
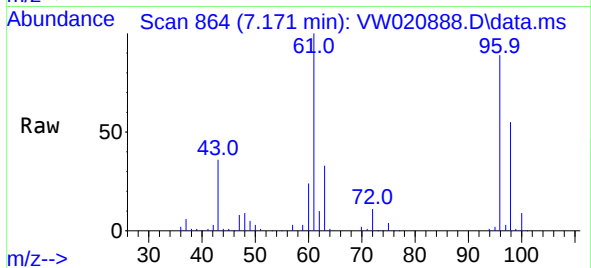




#22
2-Butanone
Concen: 90.518 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

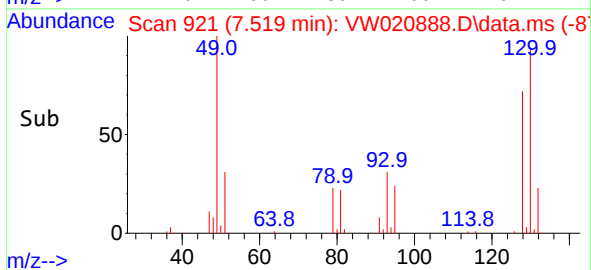
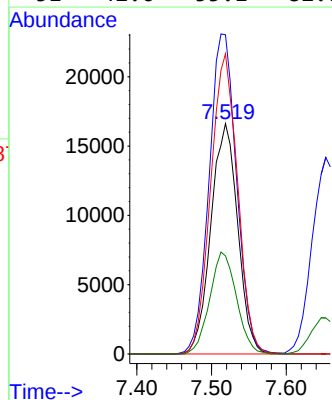
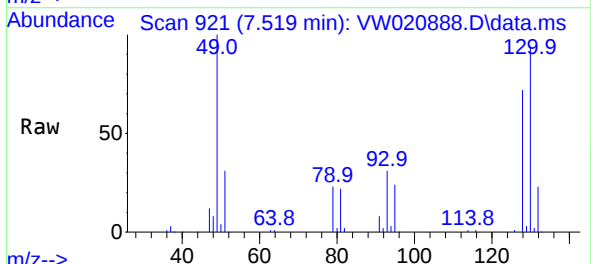
Instrument :
MSVOA_W
ClientSampleId :

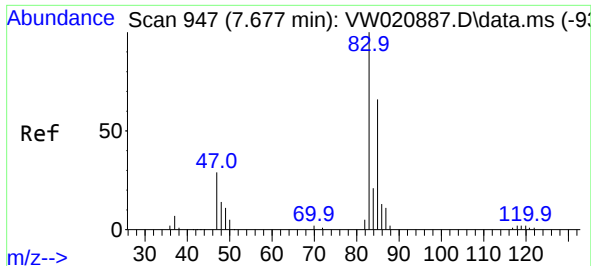
Tgt Ion: 43 Resp: 39283
Ion Ratio Lower Upper
43 100
72 29.8 11.8 35.4



#23
Bromochloromethane
Concen: 53.537 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion:128 Resp: 41417
Ion Ratio Lower Upper
128 100
49 138.5 150.3 279.1#
130 130.3 88.3 163.9
51 42.6 55.1 82.7#

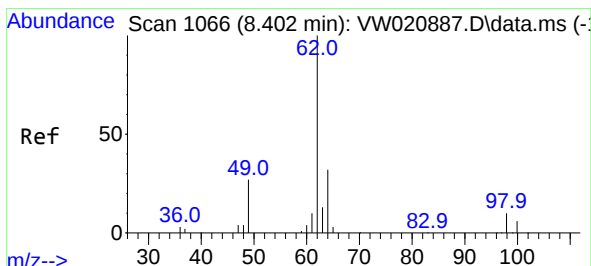
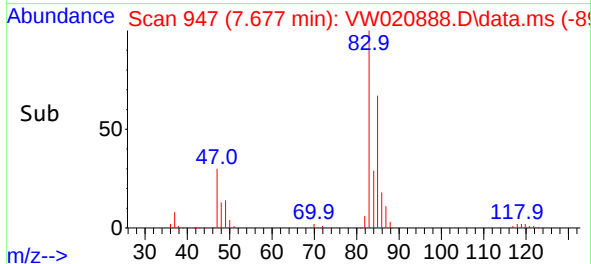
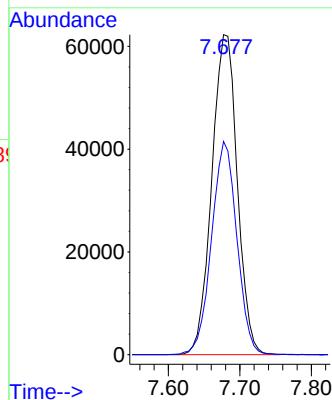
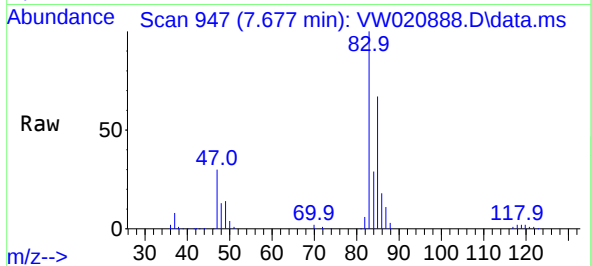




#25
Chloroform
Concen: 54.169 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

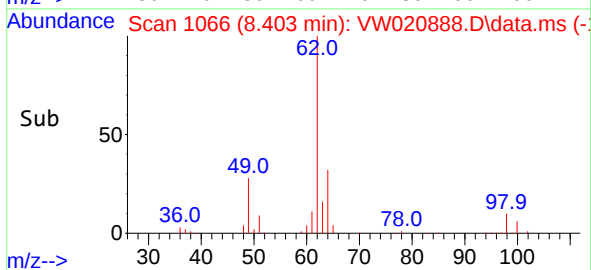
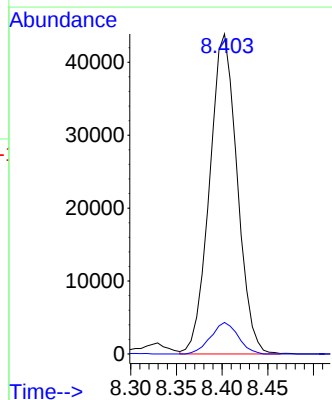
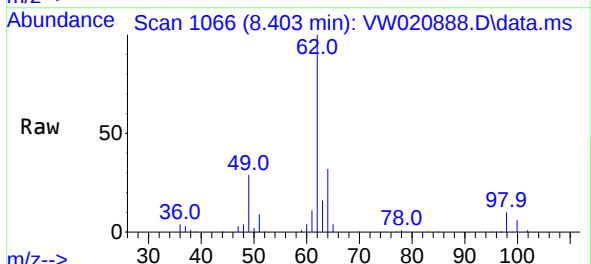
Instrument :
MSVOA_W
ClientSampleId :

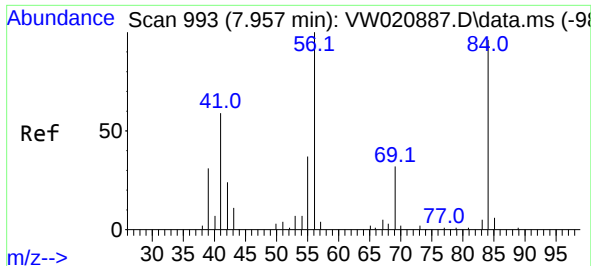
Tgt Ion: 83 Resp: 154452
Ion Ratio Lower Upper
83 100
85 66.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 50.512 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

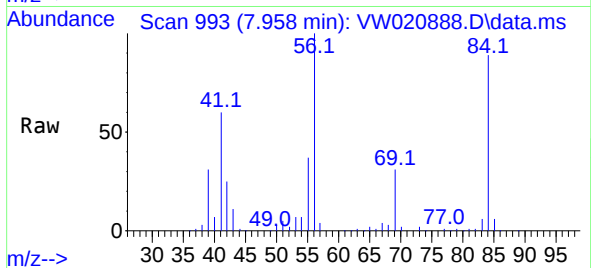
Tgt Ion: 62 Resp: 92175
Ion Ratio Lower Upper
62 100
98 9.8 6.5 9.7#



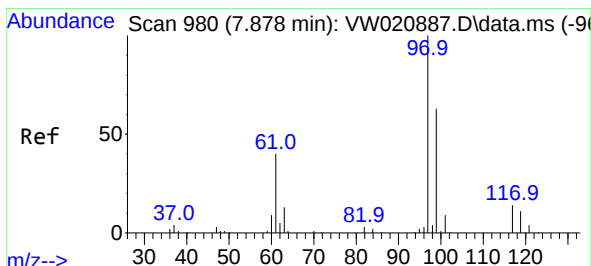
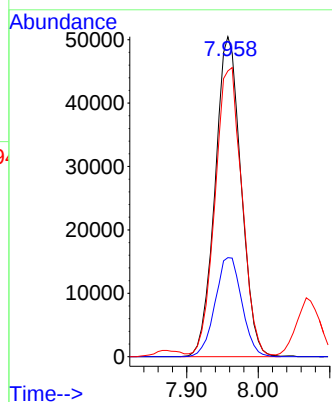
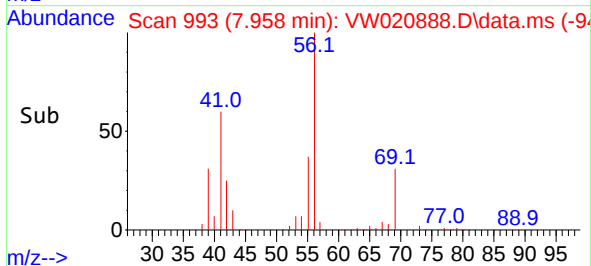


#29
Cyclohexane
Concen: 47.288 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

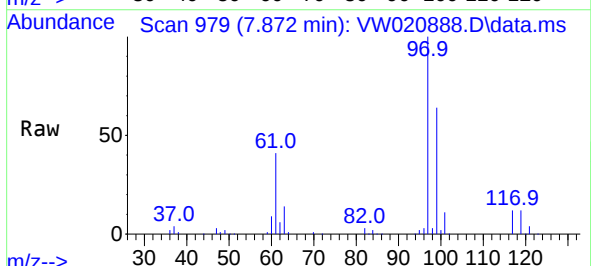
Instrument :
MSVOA_W
ClientSampleId :



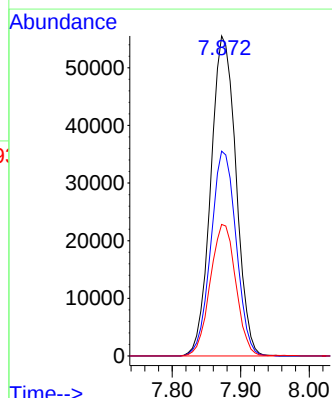
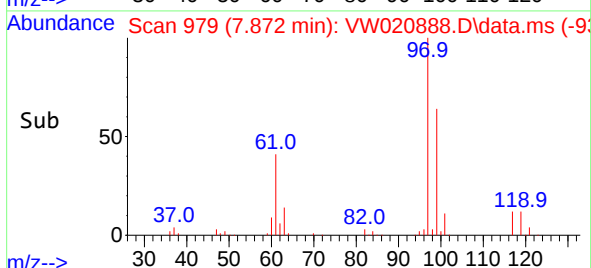
Tgt Ion: 56 Resp: 127588
Ion Ratio Lower Upper
56 100
69 31.8 23.5 35.3
84 93.8 63.4 95.2

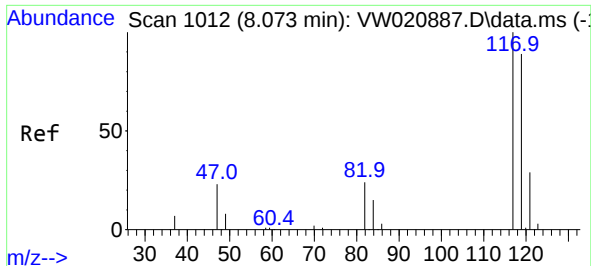


#30
1,1,1-Trichloroethane
Concen: 55.523 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22



Tgt Ion: 97 Resp: 141898
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 41.7 40.9 61.3

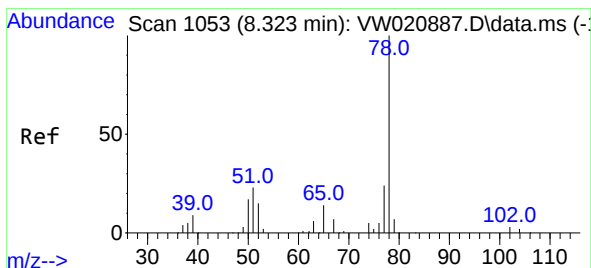
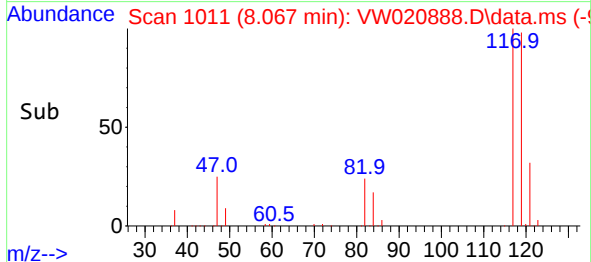
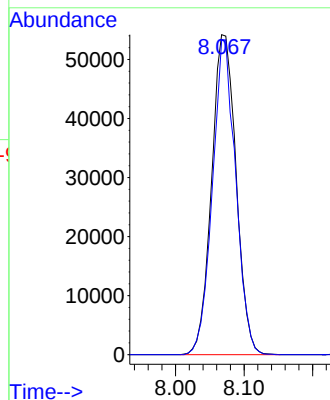
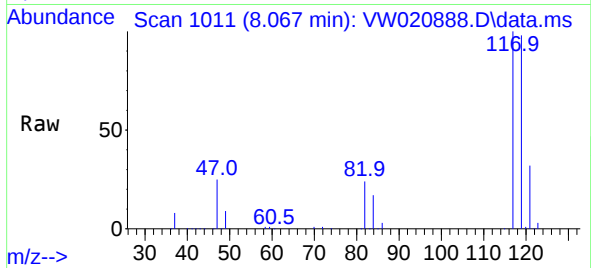




#31
Carbon tetrachloride
Concen: 55.643 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

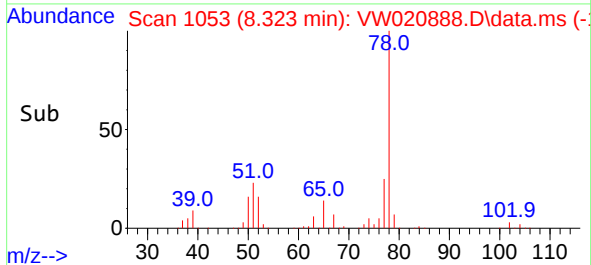
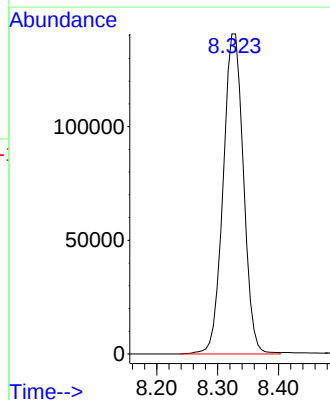
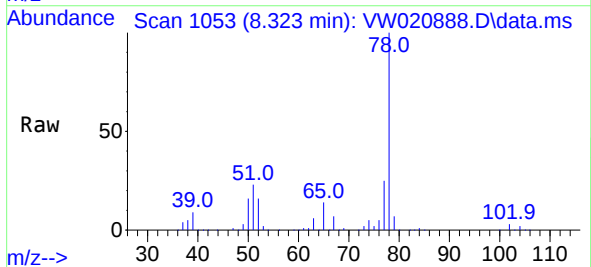
Instrument :
MSVOA_W
ClientSampleId :

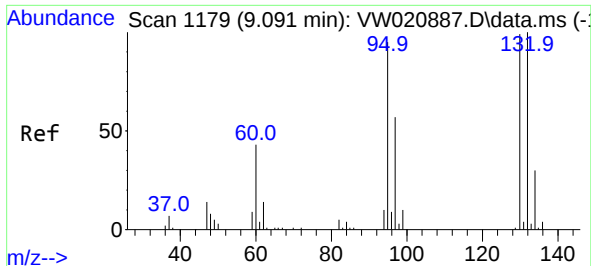
Tgt Ion:117 Resp: 134366
Ion Ratio Lower Upper
117 100
119 93.5 75.7 113.5



#33
Benzene
Concen: 51.428 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

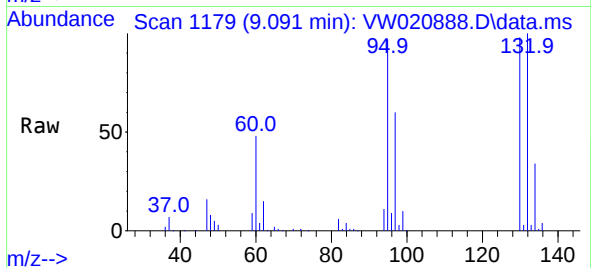
Tgt Ion: 78 Resp: 326497





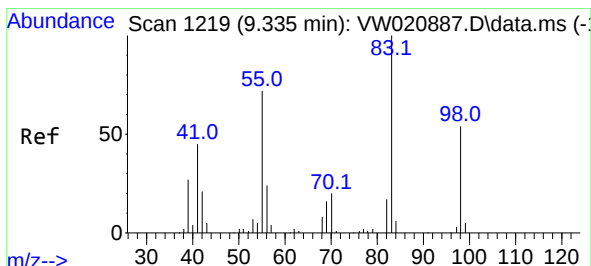
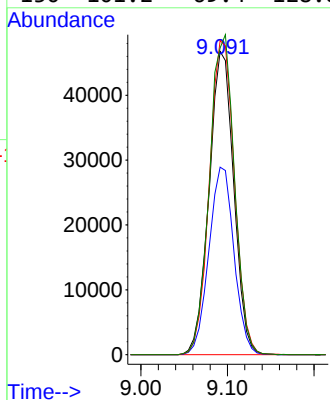
#34
Trichloroethene
Concen: 54.402 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 92655

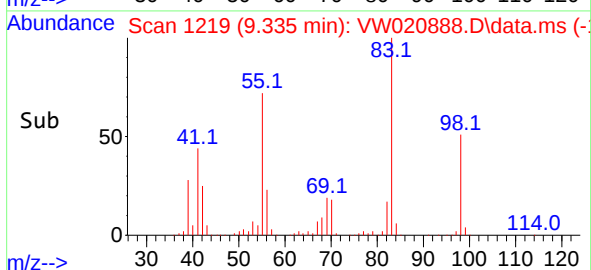
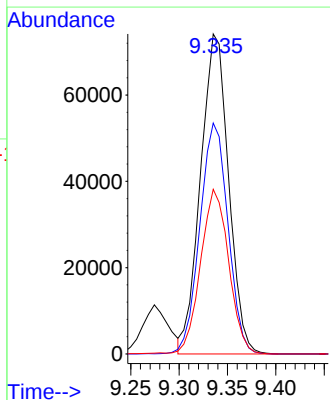
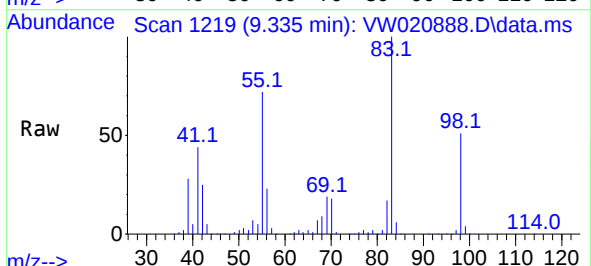
Ion	Ratio	Lower	Upper
95	100		
97	61.8	47.0	87.2
132	103.6	65.5	121.6
130	101.2	69.4	128.8

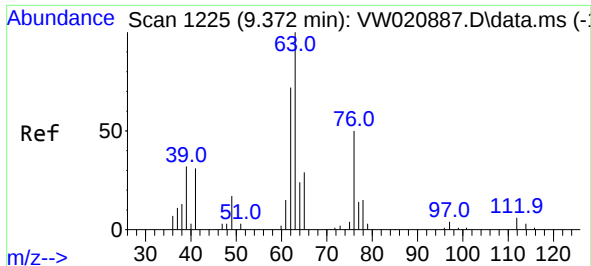


#35
Methylcyclohexane
Concen: 51.223 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion: 83 Resp: 149777

Ion	Ratio	Lower	Upper
83	100		
55	72.4	70.8	106.2
98	51.5	37.7	56.5





#37

1,2-Dichloropropane

Concen: 51.313 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

Instrument :

MSVOA_W

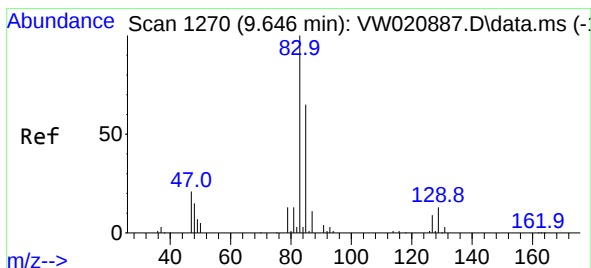
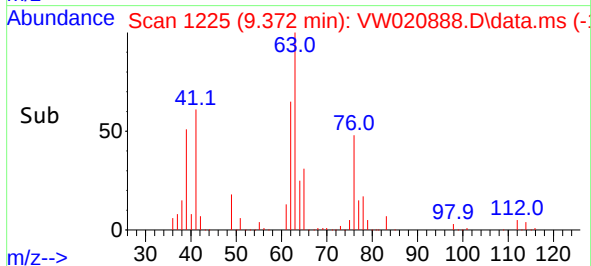
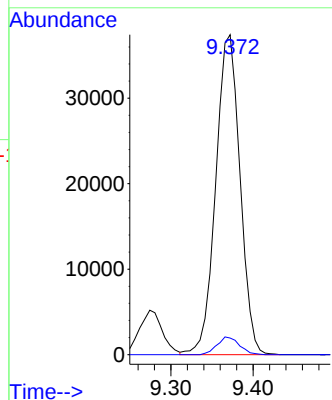
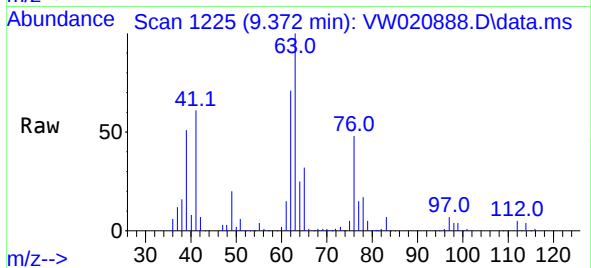
ClientSampleId :

Tgt Ion: 63 Resp: 76845

Ion Ratio Lower Upper

63 100

112 5.1 3.2 4.8#



#38

Bromodichloromethane

Concen: 54.133 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

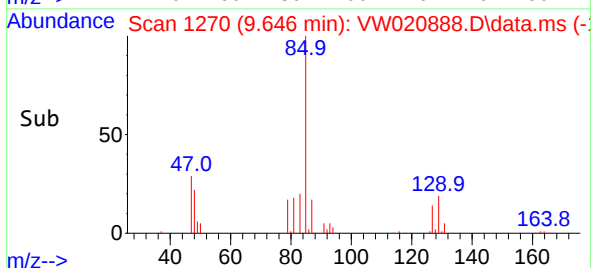
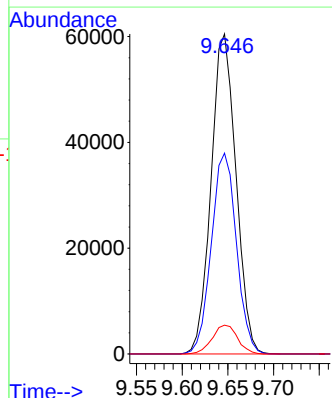
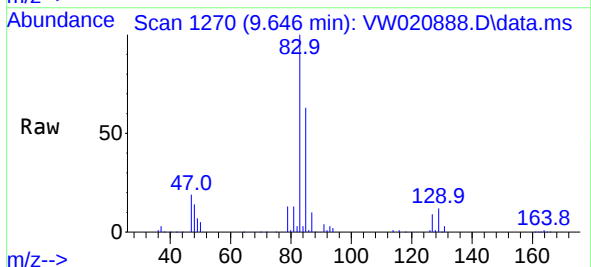
Tgt Ion: 83 Resp: 114519

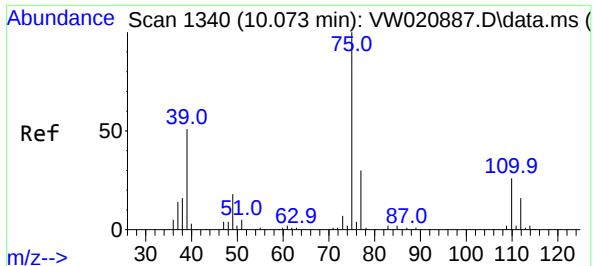
Ion Ratio Lower Upper

83 100

85 62.8 44.1 81.9

127 9.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 52.802 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

Instrument :

MSVOA_W

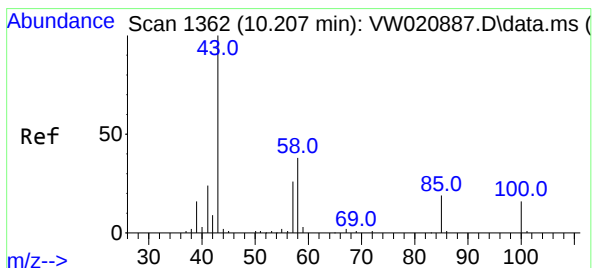
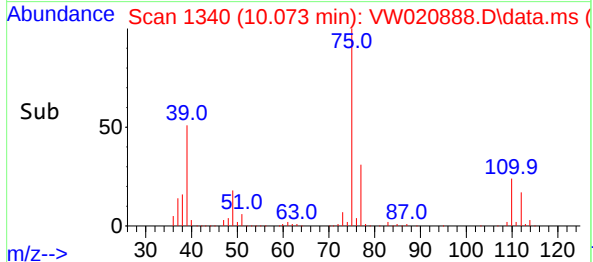
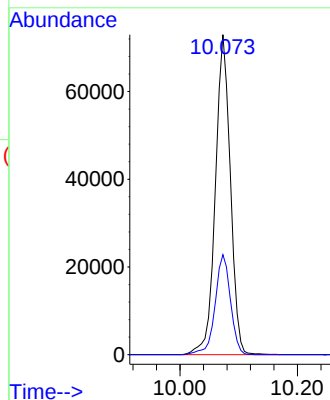
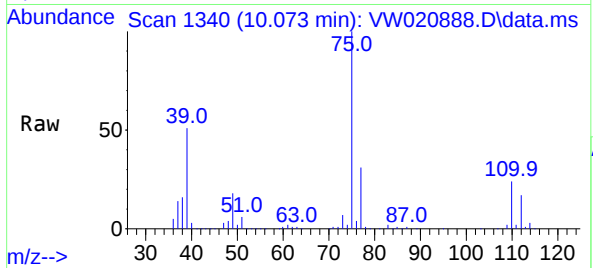
ClientSampleId :

Tgt Ion: 75 Resp: 129375

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 91.383 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

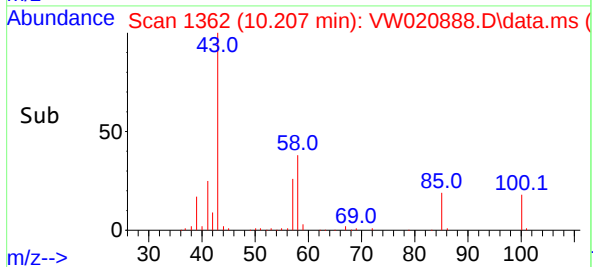
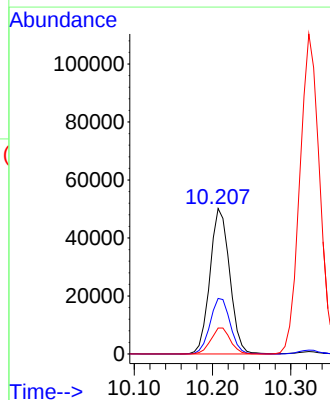
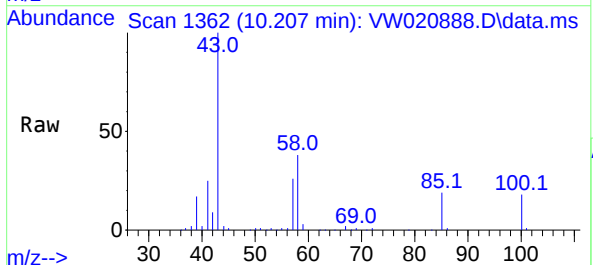
Tgt Ion: 43 Resp: 87923

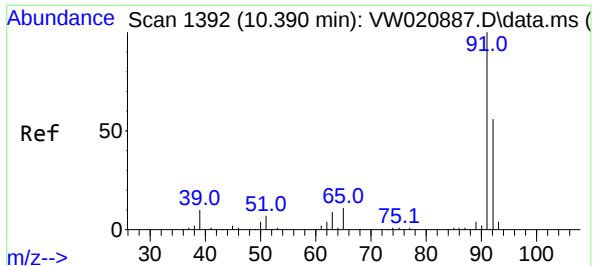
Ion Ratio Lower Upper

43 100

58 38.8 28.8 43.2

100 17.6 10.0 15.0#

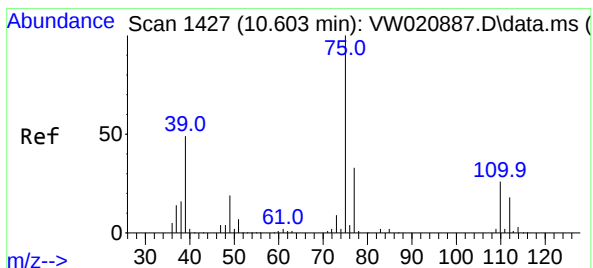
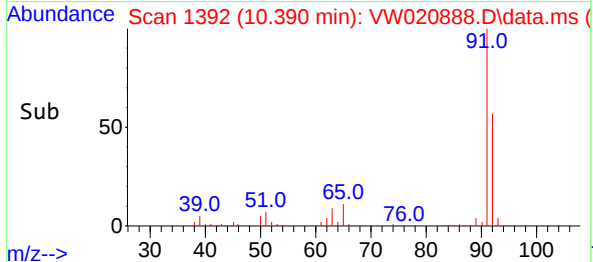
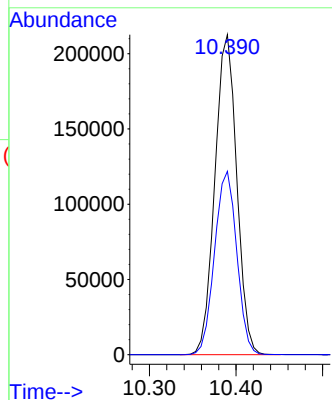
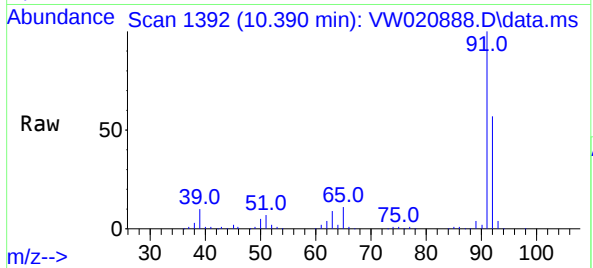




#42
Toluene
Concen: 54.238 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

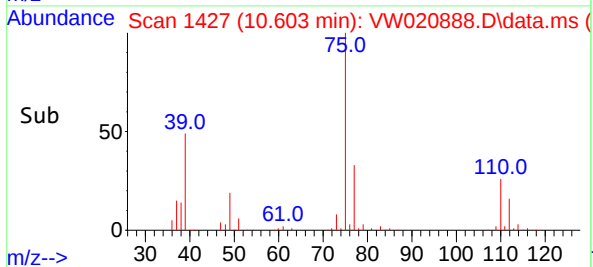
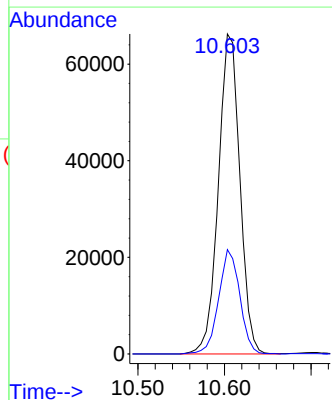
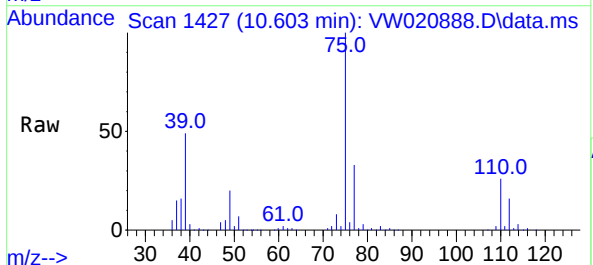
Instrument :
MSVOA_W
ClientSampleId :

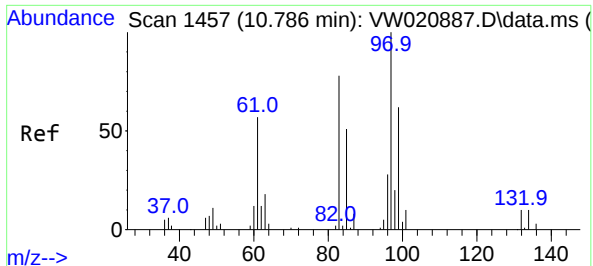
Tgt Ion: 91 Resp: 372944
Ion Ratio Lower Upper
91 100
92 57.3 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 51.550 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion: 75 Resp: 114257
Ion Ratio Lower Upper
75 100
77 32.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 52.512 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 59464

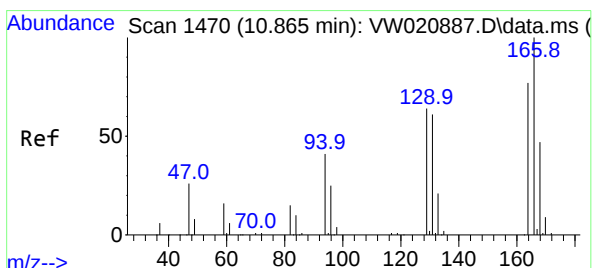
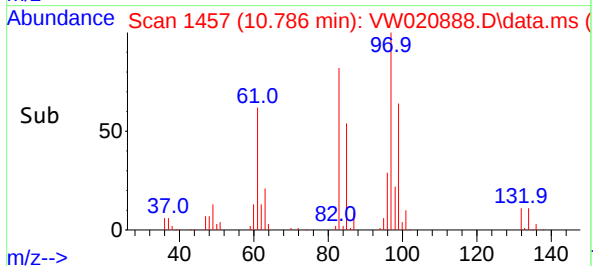
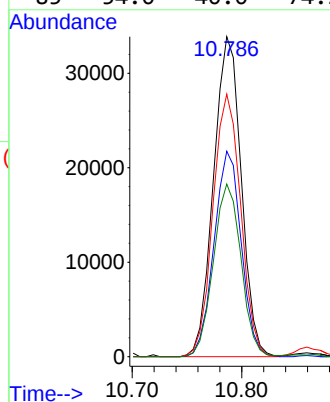
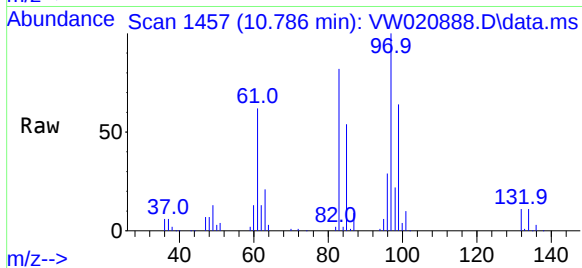
Ion Ratio Lower Upper

97 100

99 64.2 43.0 79.8

83 82.1 62.6 116.3

85 54.0 40.0 74.2



#46

Tetrachloroethene

Concen: 55.570 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

Tgt Ion:164 Resp: 85991

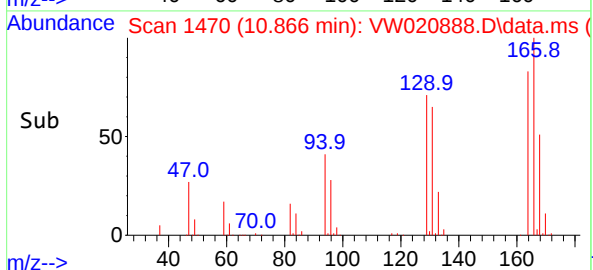
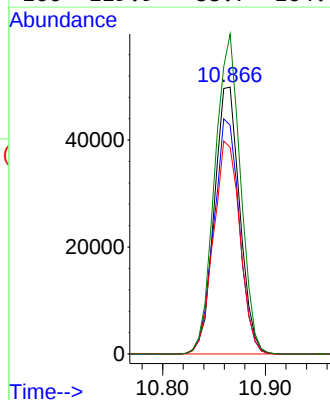
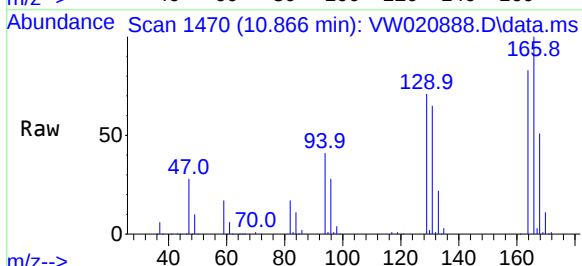
Ion Ratio Lower Upper

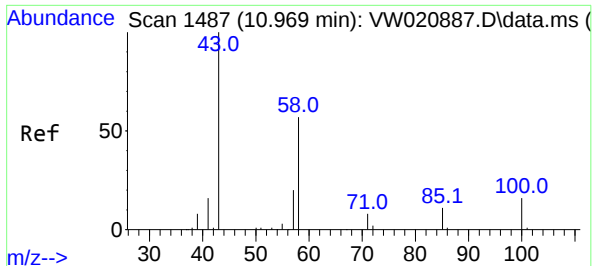
164 100

129 85.7 65.5 121.7

131 77.5 59.7 110.9

166 119.9 88.7 164.7





#48

2-Hexanone

Concen: 90.323 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 63041

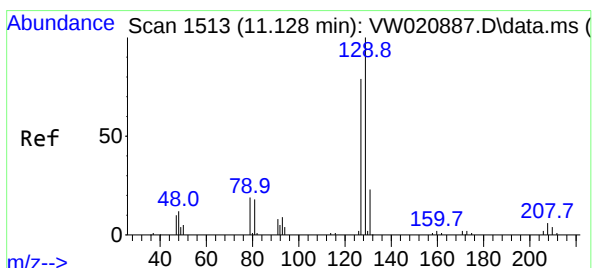
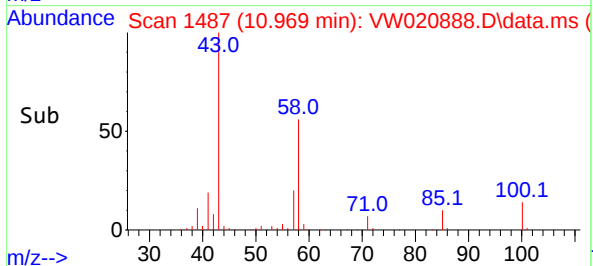
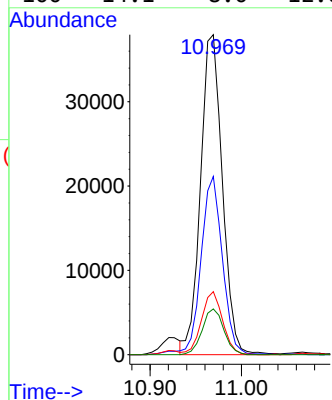
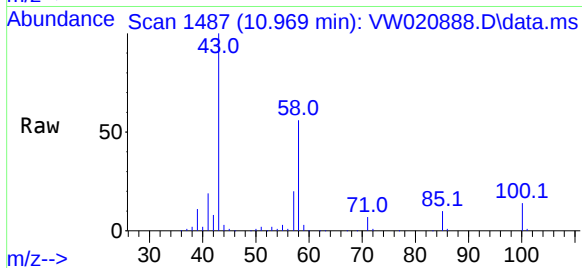
Ion Ratio Lower Upper

43 100

58 54.0 40.2 60.2

57 19.1 14.3 21.5

100 14.1 8.0 12.0#



#49

Dibromochloromethane

Concen: 55.990 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW020888.D

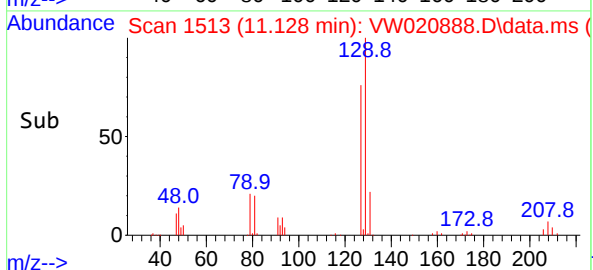
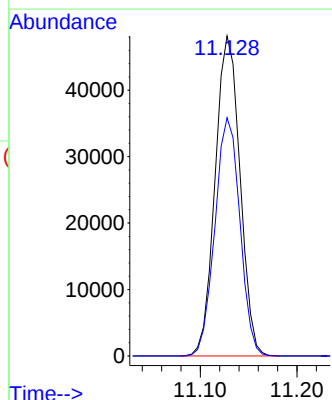
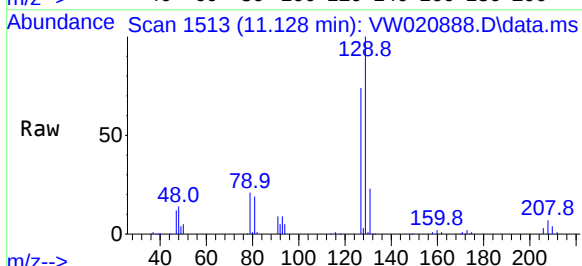
Acq: 15 Nov 2021 11:22

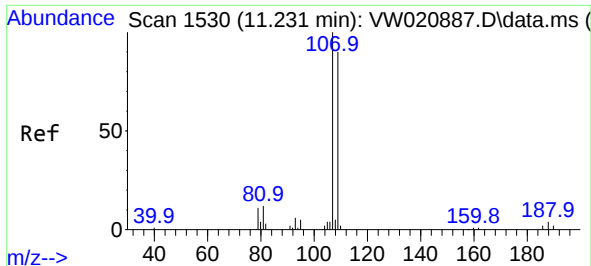
Tgt Ion:129 Resp: 85866

Ion Ratio Lower Upper

129 100

127 74.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 51.929 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020888.D

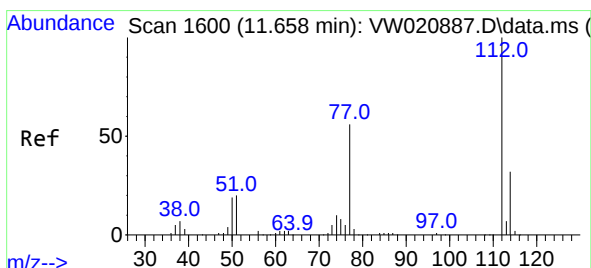
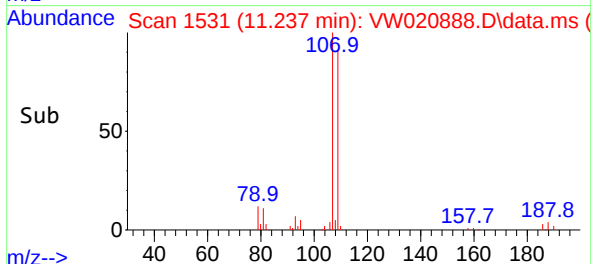
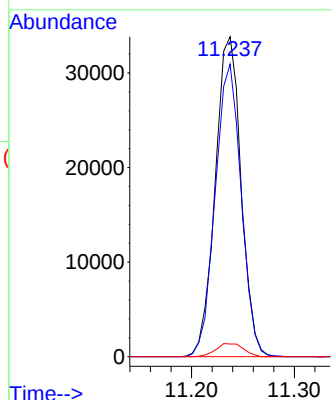
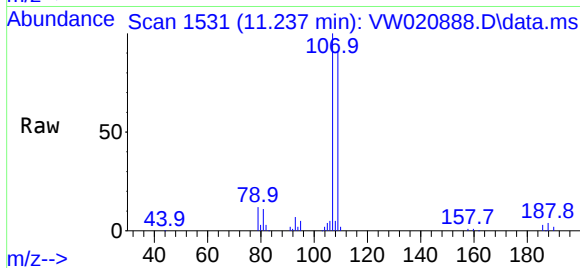
Acq: 15 Nov 2021 11:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	58984
Ion Ratio	Lower	Upper
107	100	
109	91.4	64.1 119.1
188	3.9	2.6 3.8#



#51

Chlorobenzene

Concen: 55.575 ug/L

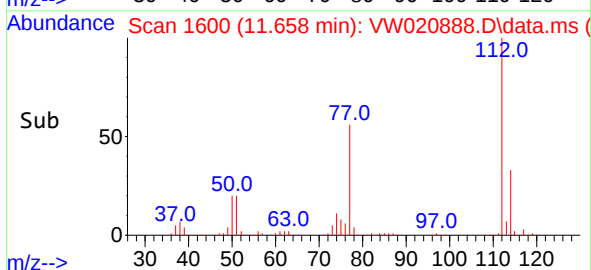
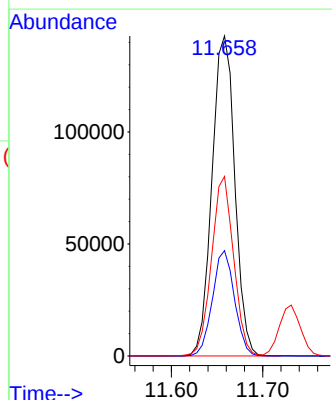
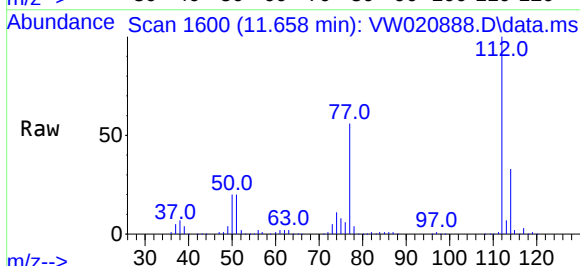
RT: 11.658 min Scan# 1600

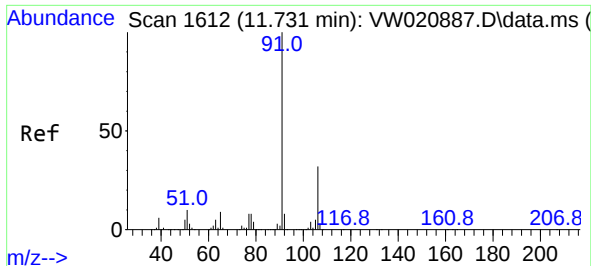
Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

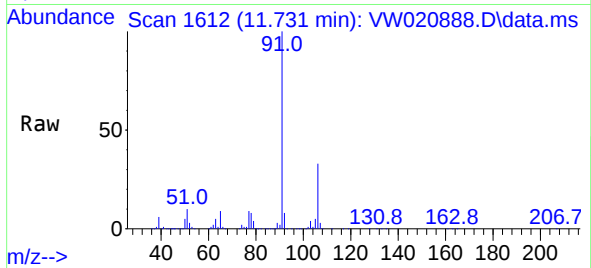
Tgt Ion:112	Resp:	247790
Ion Ratio	Lower	Upper
112	100	
114	32.9	22.4 41.6
77	56.1	50.2 75.4



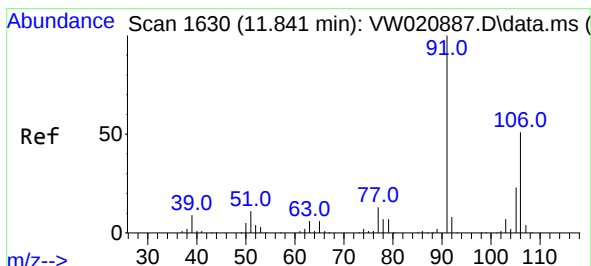
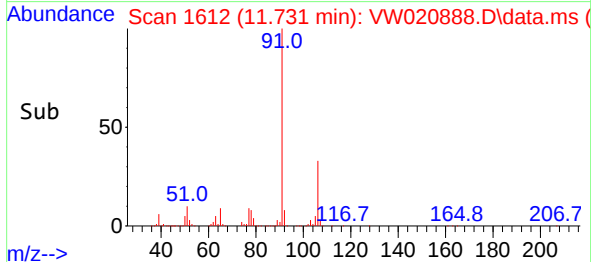
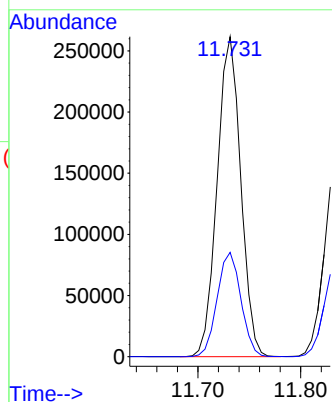


#52
Ethylbenzene
Concen: 54.159 ug/L
RT: 11.731 min Scan# 1162
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Instrument :
MSVOA_W
ClientSampleId :

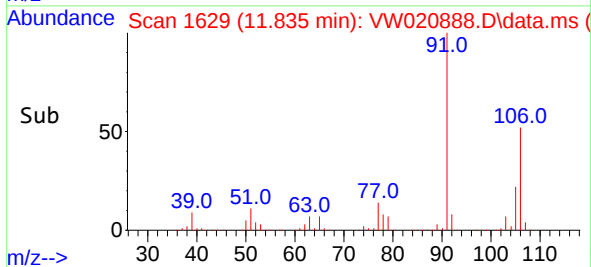
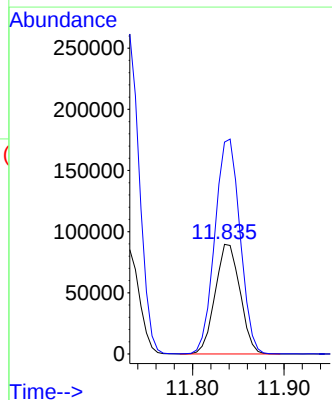
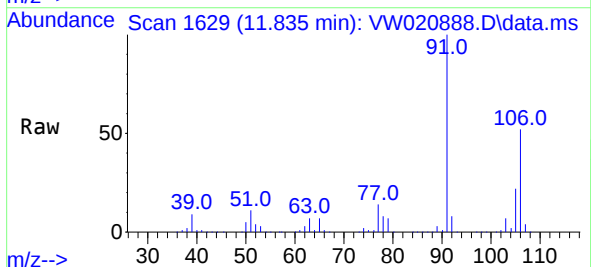


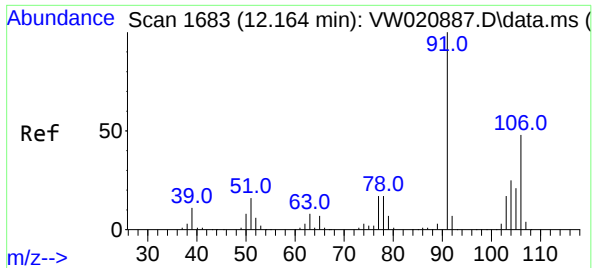
Tgt Ion: 91 Resp: 416606
Ion Ratio Lower Upper
91 100
106 32.6 21.5 39.9



#53
m,p-Xylene
Concen: 54.941 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion:106 Resp: 169420
Ion Ratio Lower Upper
106 100
91 193.3 149.9 278.3

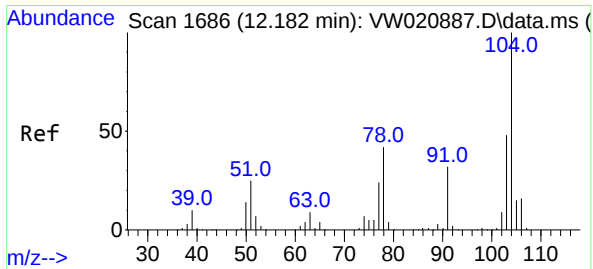
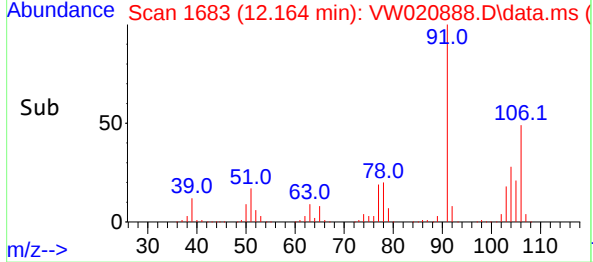
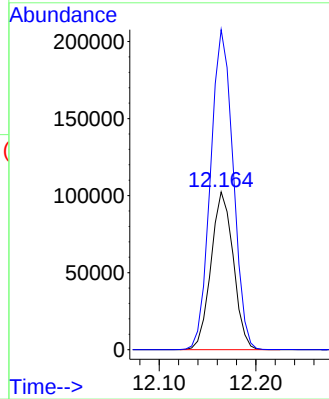
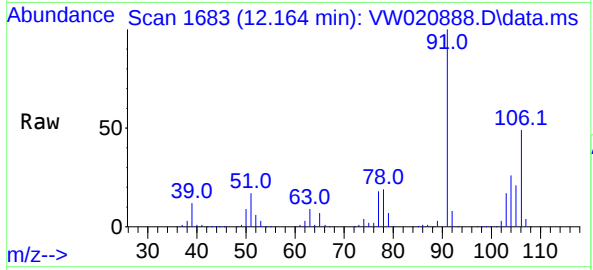




#54
o-Xylene
Concen: 56.136 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

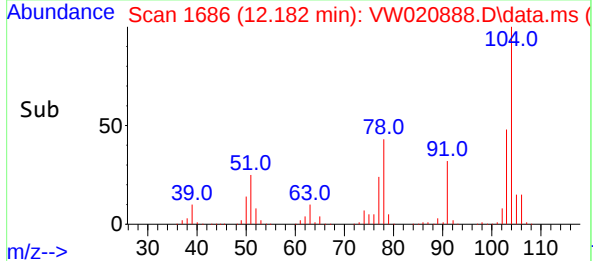
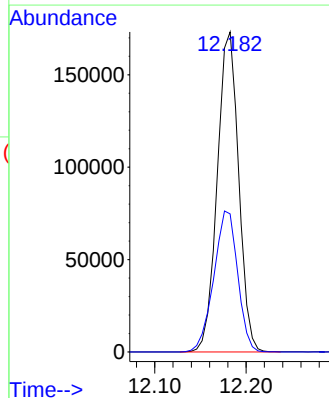
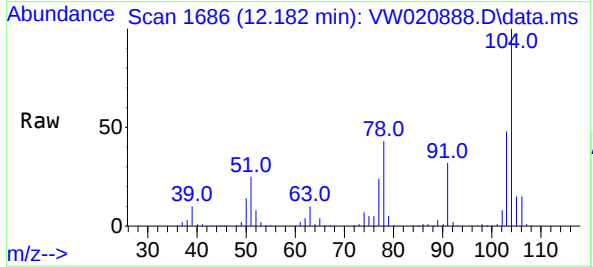
Instrument :
MSVOA_W
ClientSampleId :

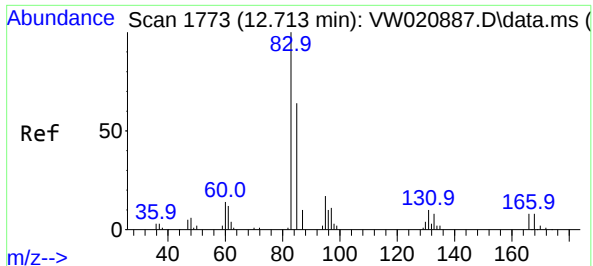
Tgt Ion:106 Resp: 164054
Ion Ratio Lower Upper
106 100
91 202.9 153.6 285.3



#55
Styrene
Concen: 56.651 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion:104 Resp: 281901
Ion Ratio Lower Upper
104 100
78 43.1 34.4 64.0

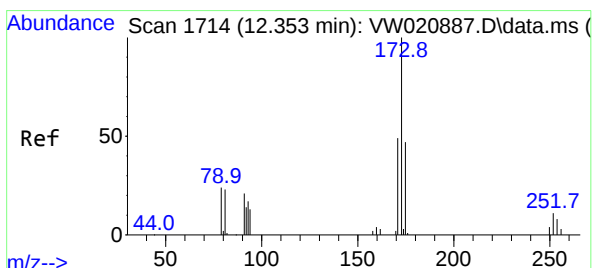
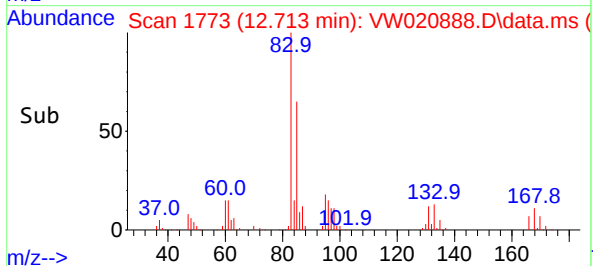
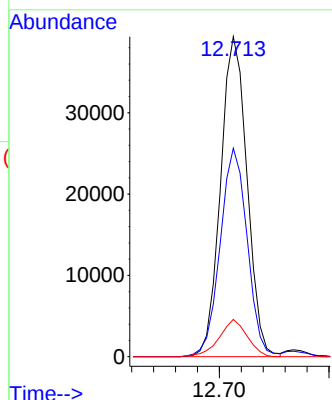
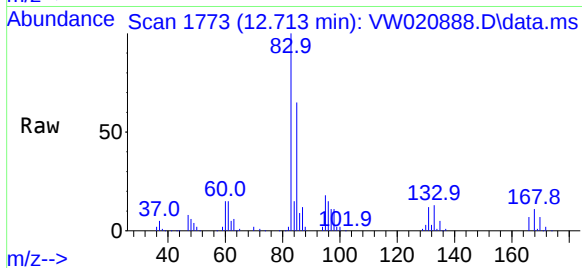




#57
1,1,2,2-Tetrachloroethane
Concen: 50.303 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

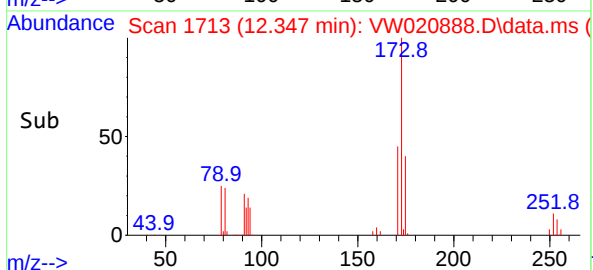
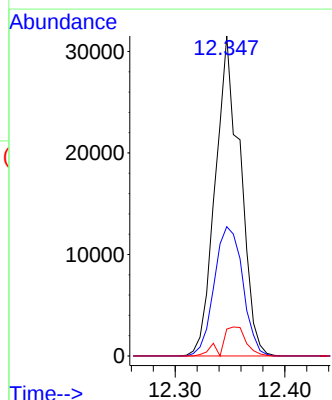
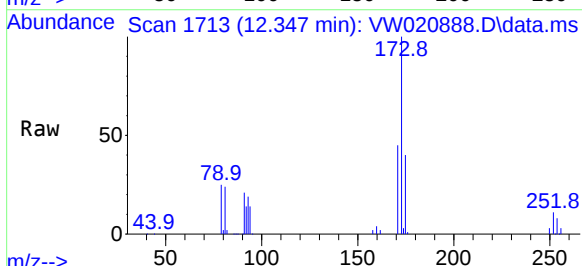
Instrument :
MSVOA_W
ClientSampleId :

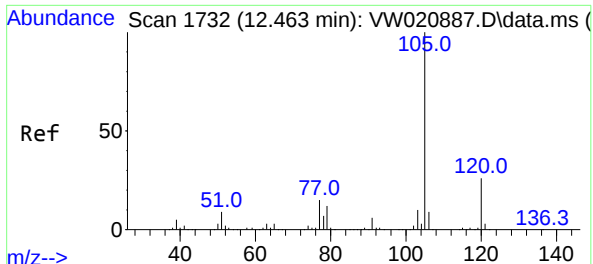
Tgt Ion:	83	Resp:	65958
Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.0	81.6
131	11.6	6.9	10.3#



#59
Bromoform
Concen: 50.325 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

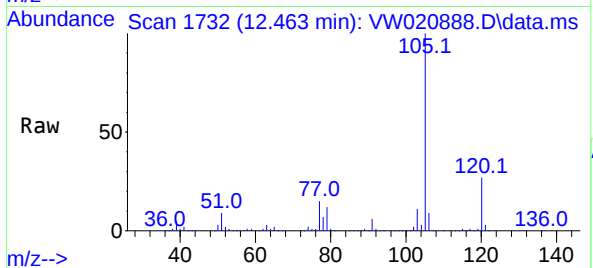
Tgt Ion:	173	Resp:	49838
Ion	Ratio	Lower	Upper
173	100		
175	46.2	39.6	59.4
254	7.6	7.4	11.0



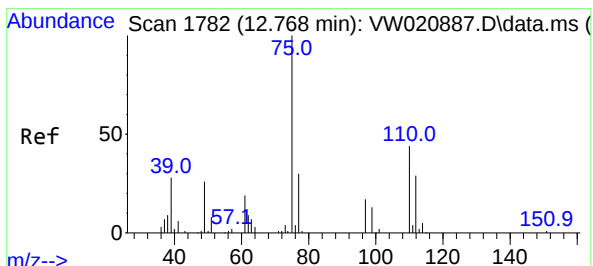
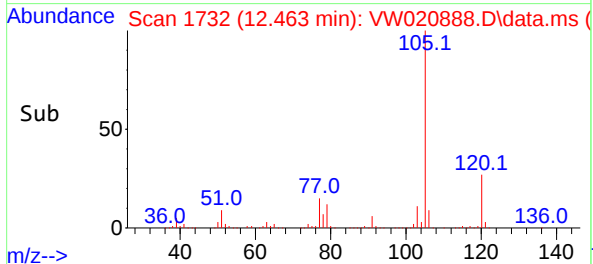
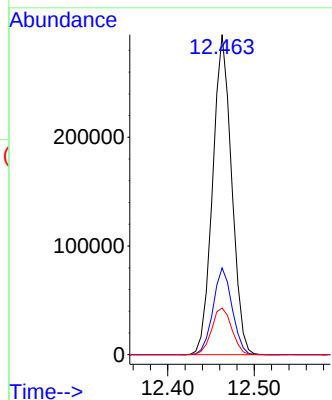


#60
Isopropylbenzene
Concen: 55.014 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Instrument :
MSVOA_W
ClientSampleId :

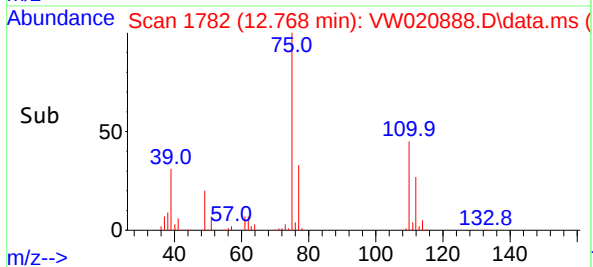
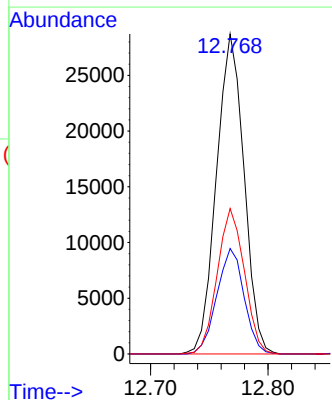
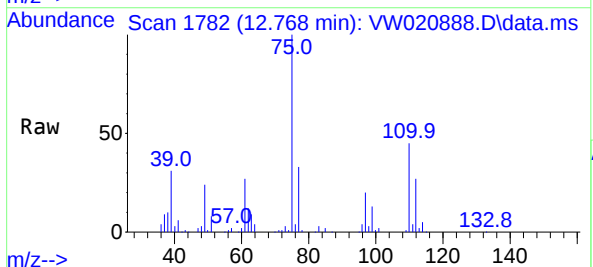


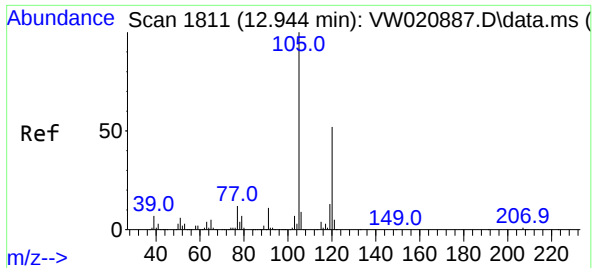
Tgt Ion:105 Resp: 447808
Ion Ratio Lower Upper
105 100
120 27.3 20.1 30.1
77 15.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 48.577 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion: 75 Resp: 46789
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 44.7 29.0 43.4#

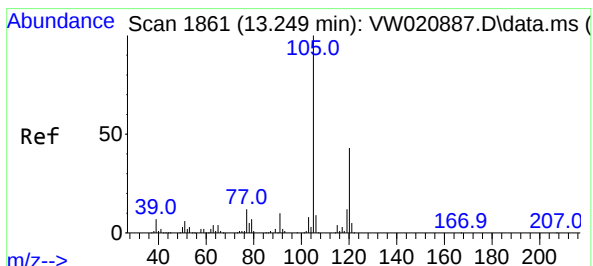
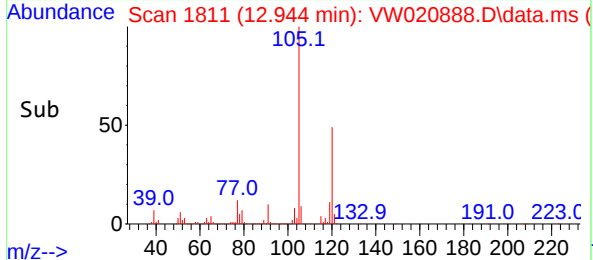
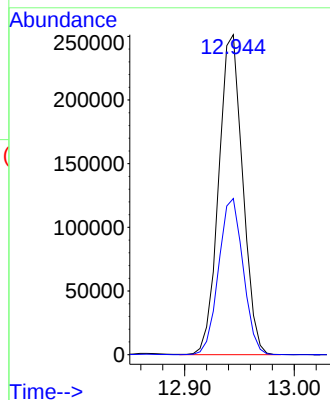
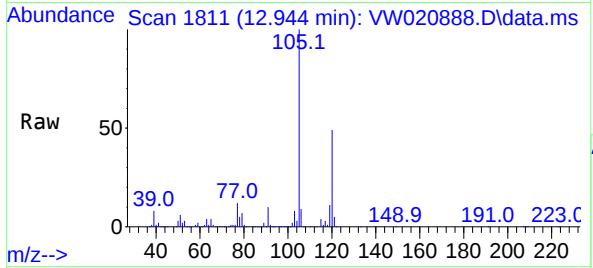




#62
1,3,5-Trimethylbenzene
Concen: 54.907 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

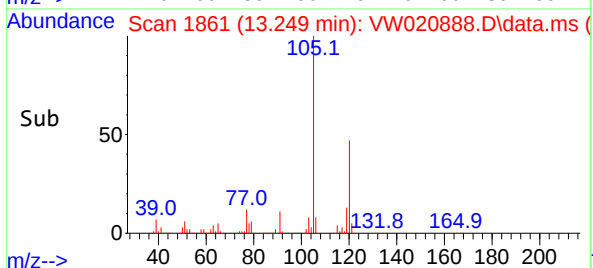
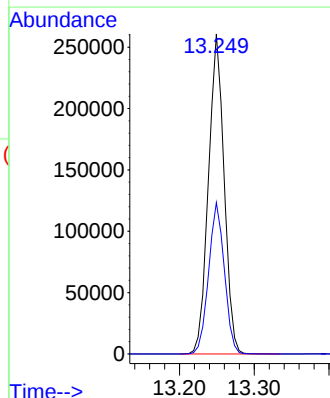
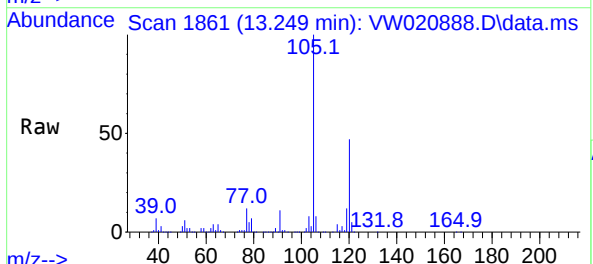
Instrument :
MSVOA_W
ClientSampleId :

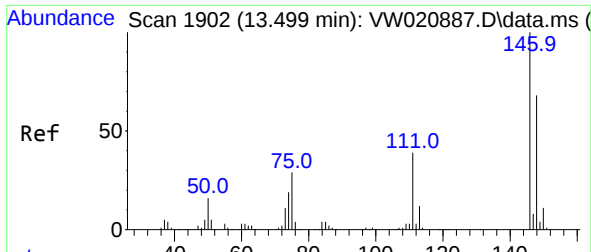
Tgt Ion:105 Resp: 382654
Ion Ratio Lower Upper
105 100
120 49.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 54.740 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Tgt Ion:105 Resp: 380363
Ion Ratio Lower Upper
105 100
120 47.4 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 54.241 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

Instrument :

MSVOA_W

ClientSampleId :

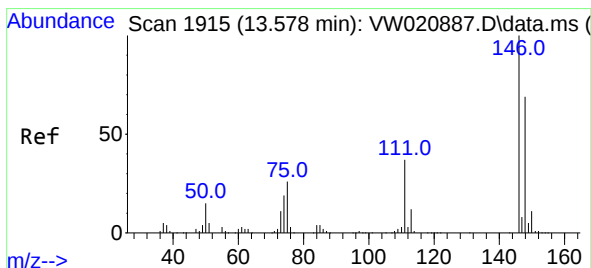
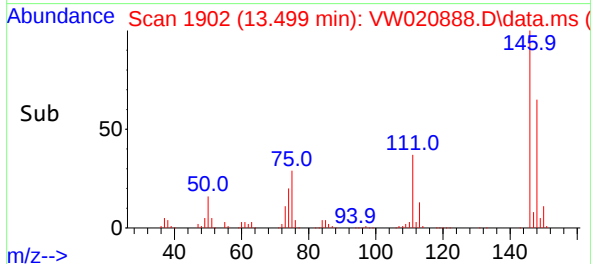
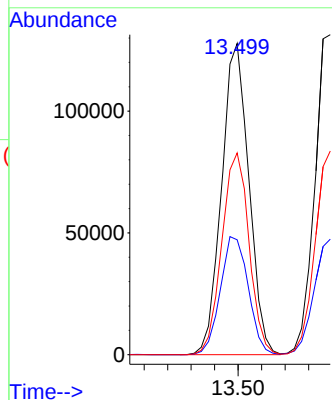
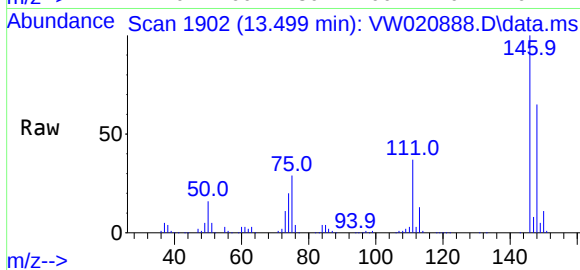
Tgt Ion:146 Resp: 205840

Ion Ratio Lower Upper

146 100

111 36.9 29.8 55.3

148 64.9 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 54.980 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020888.D

Acq: 15 Nov 2021 11:22

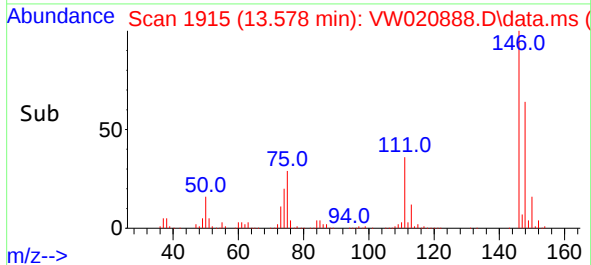
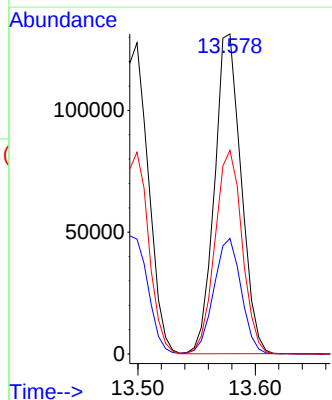
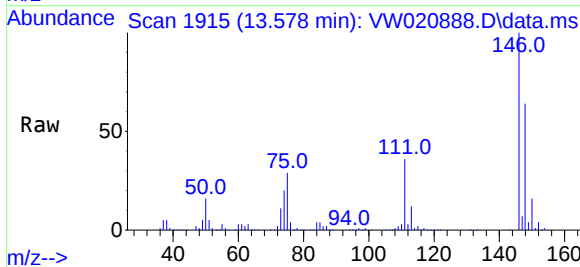
Tgt Ion:146 Resp: 206920

Ion Ratio Lower Upper

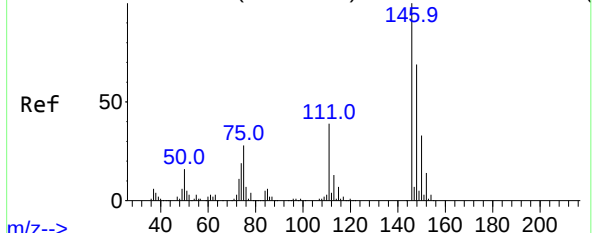
146 100

111 36.1 29.0 53.9

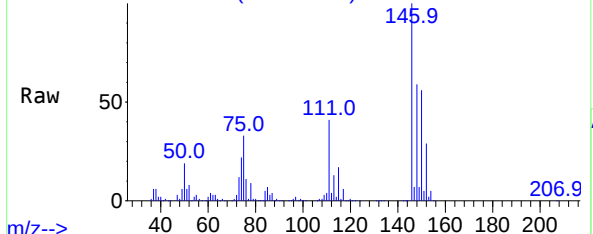
148 63.6 46.9 87.1



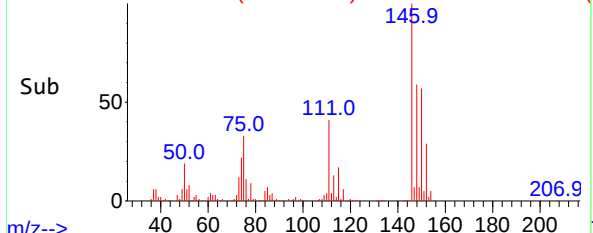
Abundance Scan 1963 (13.871 min): VW020887.D\data.ms (



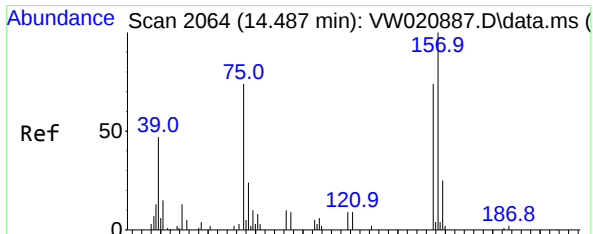
m/z--> Abundance Scan 1962 (13.865 min): VW020888.D\data.ms (



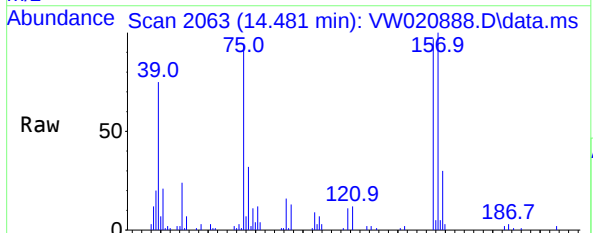
m/z--> Abundance Scan 1962 (13.865 min): VW020888.D\data.ms (



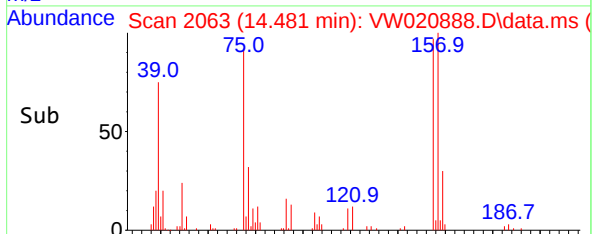
m/z--> Abundance Scan 2064 (14.487 min): VW020887.D\data.ms (



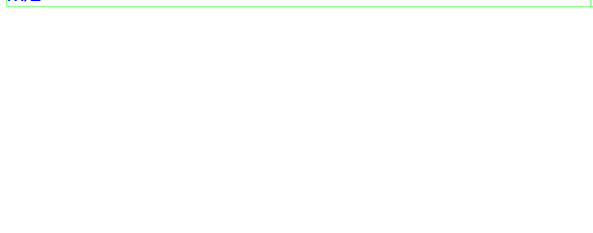
m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (

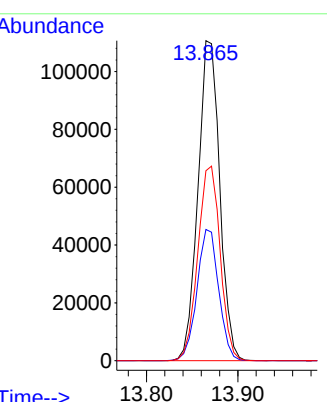
m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW020888.D\data.ms (

#67
1,2-Dichlorobenzene
Concen: 54.743 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

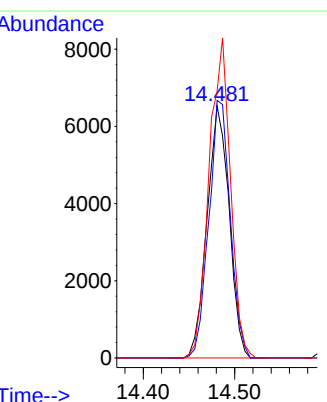
Instrument :
MSVOA_W
ClientSampleId :

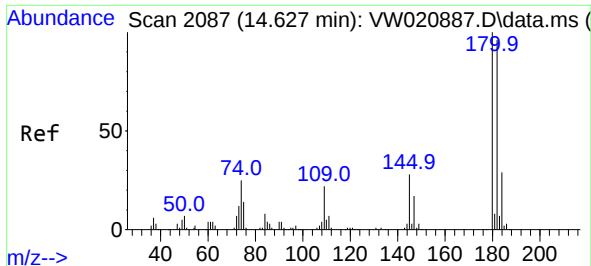
Tgt Ion:	146	Resp:	182803
Ion	Ratio	Lower	Upper
146	100		
111	41.0	33.1	49.7
148	59.4	47.4	71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 46.931 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

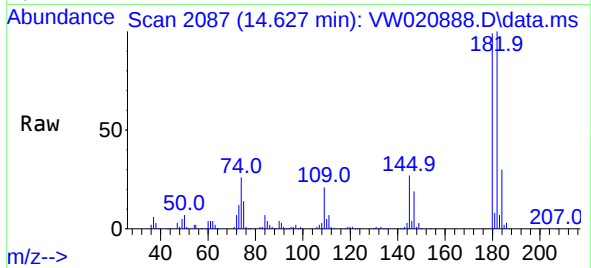
Tgt Ion:	75	Resp:	10936
Ion	Ratio	Lower	Upper
75	100		
155	102.3	54.2	81.2#
157	106.0	69.4	104.2#



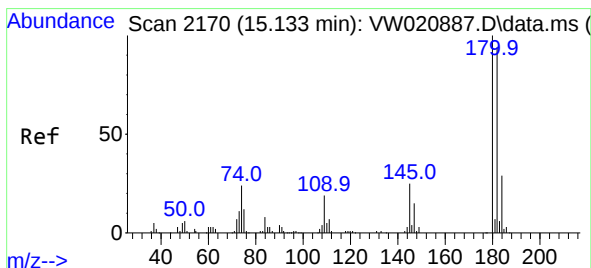
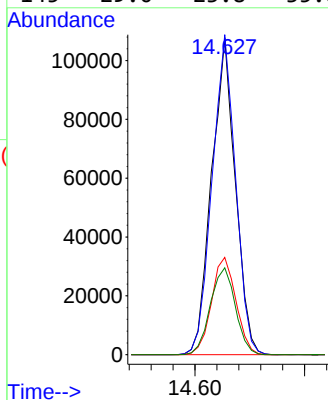
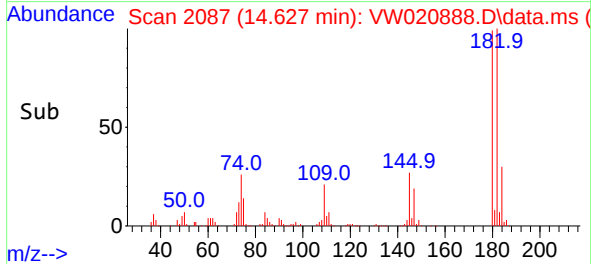


#69
 1,3,5-Trichlorobenzene
 Concen: 53.669 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW020888.D
 Acq: 15 Nov 2021 11:22

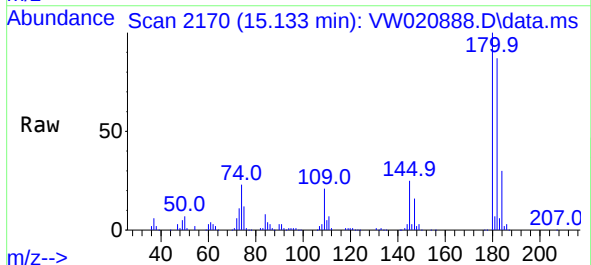
Instrument :
 MSVOA_W
 ClientSampleId :



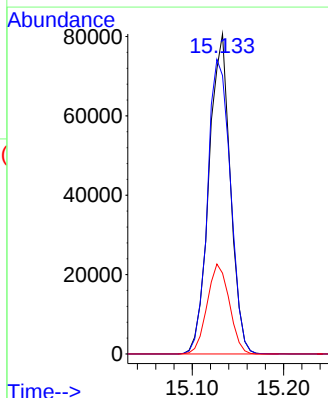
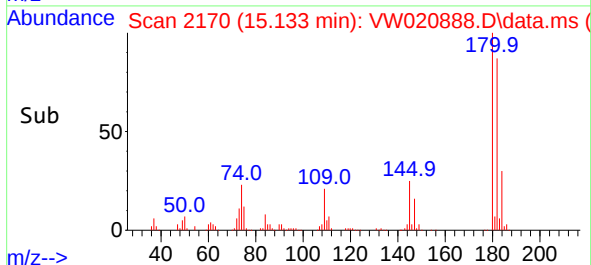
Tgt Ion:180 Resp: 161735
 Ion Ratio Lower Upper
 180 100
 182 99.7 75.4 113.0
 184 31.7 23.8 35.8
 145 29.0 23.8 35.8

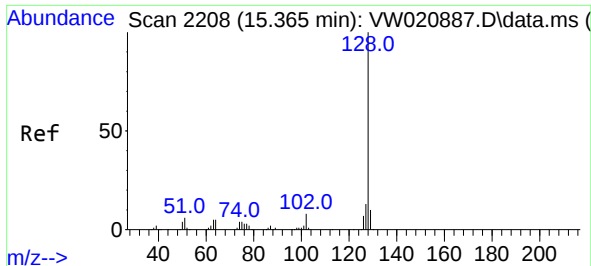


#70
 1,2,4-trichlorobenzene
 Concen: 52.093 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VW020888.D
 Acq: 15 Nov 2021 11:22



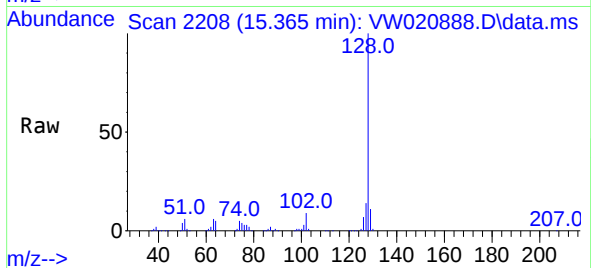
Tgt Ion:180 Resp: 130571
 Ion Ratio Lower Upper
 180 100
 182 98.7 79.0 118.6
 145 29.3 26.0 39.0





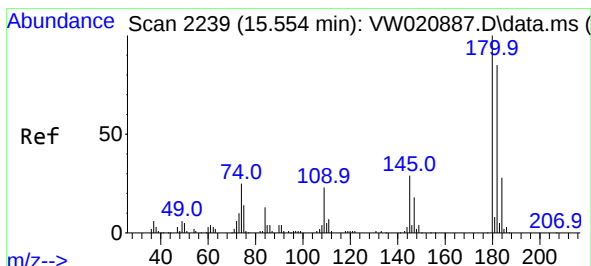
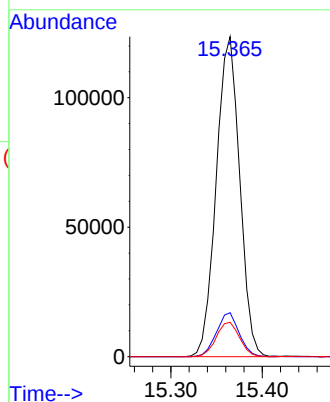
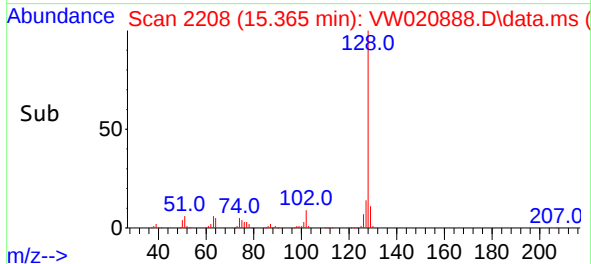
#71
Naphthalene
Concen: 51.934 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22

Instrument :
MSVOA_W
ClientSampleId :

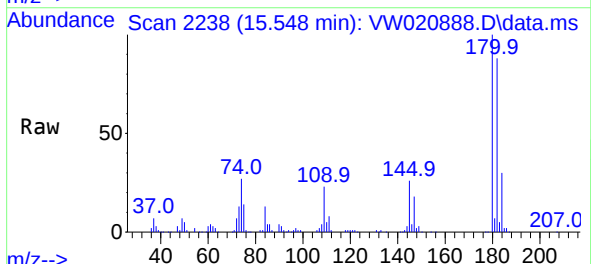


Tgt Ion:128 Resp: 220157

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.8	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 53.210 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020888.D
Acq: 15 Nov 2021 11:22



Tgt Ion:180 Resp: 113026

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	114.8
145	29.8	27.4	41.0

