

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031122.D
 Acq On : 04 Dec 2024 09:51
 Operator : SY/MD
 Sample : VSTD02540
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 05 01:11:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:09:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	459421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	402427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	194379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	158668	25.000	ug/L	0.00
7) Chloroethane-d5	2.899	69	126469	25.000	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	71720	25.000	ug/L	0.00
21) 2-Butanone-d5	7.075	46	55845	50.000	ug/L	0.00
24) Chloroform-d	7.648	84	318403	25.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	154871	25.000	ug/L	0.00
32) Benzene-d6	8.276	84	601744	25.000	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	174884	25.000	ug/L	0.00
41) Toluene-d8	10.319	98	545215	25.000	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	73092	25.000	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	43365	50.000	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120872	25.000	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	166419	25.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	150579	25.000	ug/L	95
3) Chloromethane	2.229	50	171924	25.000	ug/L	98
5) Vinyl chloride	2.375	62	203482	25.000	ug/L	99
6) Bromomethane	2.790	94	127717	25.000	ug/L	95
8) Chloroethane	2.936	64	120271	25.000	ug/L	98
9) Trichlorofluoromethane	3.277	101	219631	25.000	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	157578	25.000	ug/L	98
12) 1,1-Dichloroethene	4.045	96	159690	25.000	ug/L	90
13) Acetone	4.119	43	103654	50.000	ug/L	93
14) Carbon disulfide	4.393	76	534278	25.000	ug/L	99
15) Methyl Acetate	4.673	43	56074	25.000	ug/L	98
16) Methylene chloride	4.923	84	159970	25.000	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	166672	25.000	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	239560	25.000	ug/L	98
19) 1,1-Dichloroethane	6.216	63	306431	25.000	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	176970	25.000	ug/L	96
22) 2-Butanone	7.167	43	102552	50.000	ug/L	97
23) Bromochloromethane	7.514	128	75013	25.000	ug/L	93
25) Chloroform	7.679	83	317596	25.000	ug/L	98
27) 1,2-Dichloroethane	8.398	62	195897	25.000	ug/L	99
29) Cyclohexane	7.959	56	271838	25.000	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	270377	25.000	ug/L	96
31) Carbon tetrachloride	8.075	117	244563	25.000	ug/L	98
33) Benzene	8.325	78	684870	25.000	ug/L	100
34) Trichloroethene	9.087	95	184481	25.000	ug/L	94
35) Methylcyclohexane	9.331	83	320202	25.000	ug/L	98
37) 1,2-Dichloropropane	9.368	63	168586	25.000	ug/L	99
38) Bromodichloromethane	9.642	83	220881	25.000	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	257616	25.000	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	154973	50.000	ug/L	97
42) Toluene	10.386	91	739742	25.000	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	211915	25.000	ug/L	99

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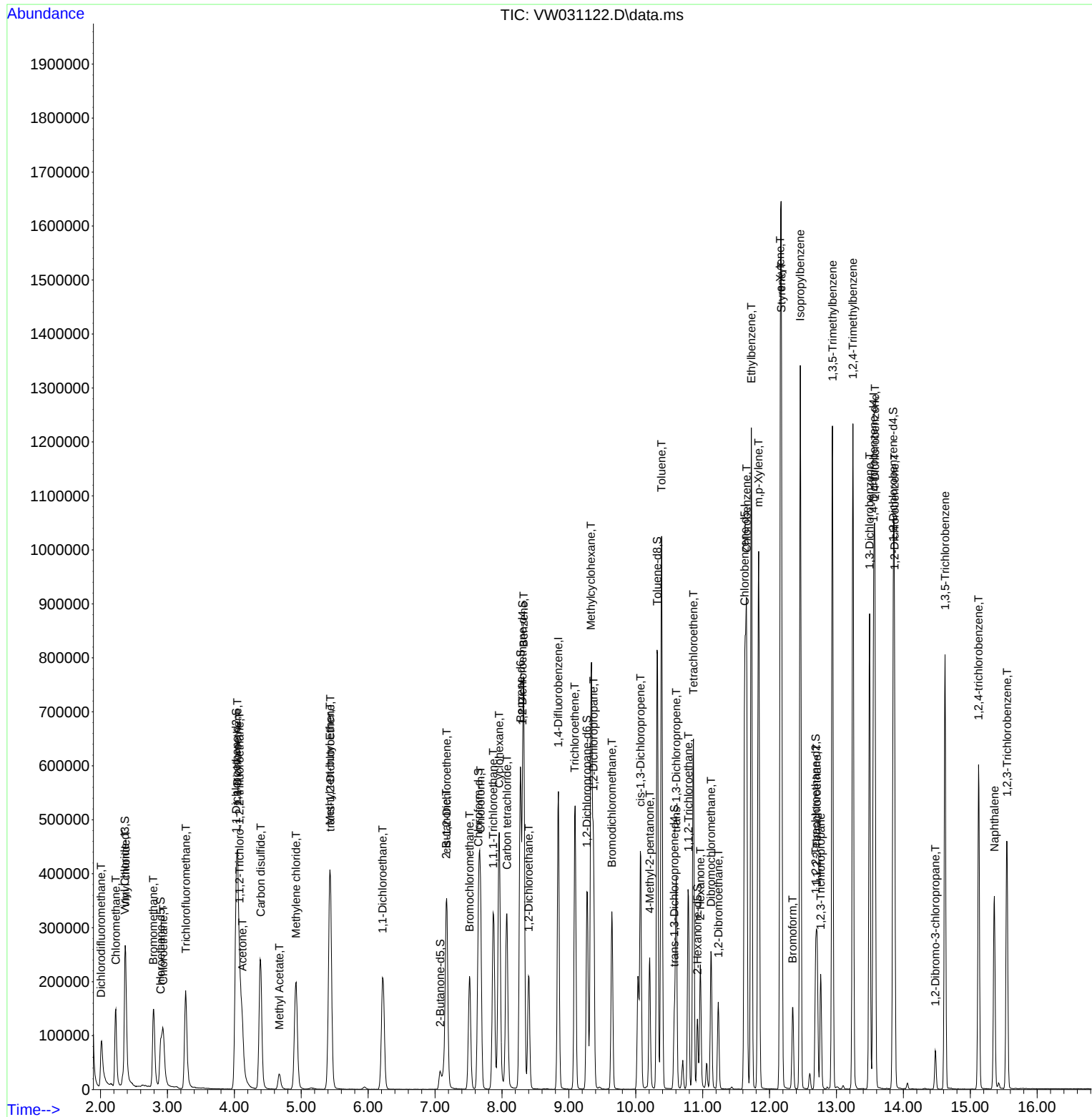
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	116109	25.000	ug/L	98
46) Tetrachloroethene	10.861	164	140087	25.000	ug/L	95
48) 2-Hexanone	10.965	43	140487	50.000	ug/L	94
49) Dibromochloromethane	11.123	129	130826	25.000	ug/L	100
50) 1,2-Dibromoethane	11.233	107	105150	25.000	ug/L	88
51) Chlorobenzene	11.654	112	451575	25.000	ug/L	94
52) Ethylbenzene	11.727	91	845037	25.000	ug/L	99
53) m,p-Xylene	11.837	106	312805	25.000	ug/L	99
54) o-Xylene	12.160	106	293480	25.000	ug/L	94
55) Styrene	12.178	104	494486	25.000	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.709	83	125074	25.000	ug/L	94
59) Bromoform	12.343	173	68935	25.000	ug/L	95
60) Isopropylbenzene	12.459	105	816335	25.000	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89050	25.000	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	646128	25.000	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	653511	25.000	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	345948	25.000	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	345126	25.000	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	305089	25.000	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.477	75	19160	25.000	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	235351	25.000	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	184105	25.000	ug/L	98
71) Naphthalene	15.360	128	304725	25.000	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	154515	25.000	ug/L	99

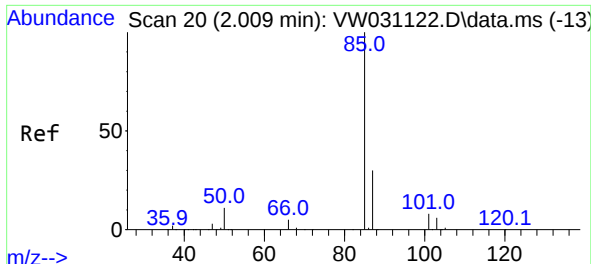
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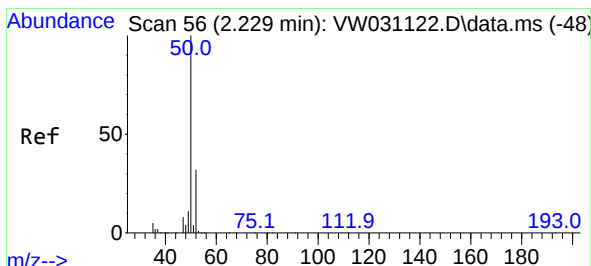
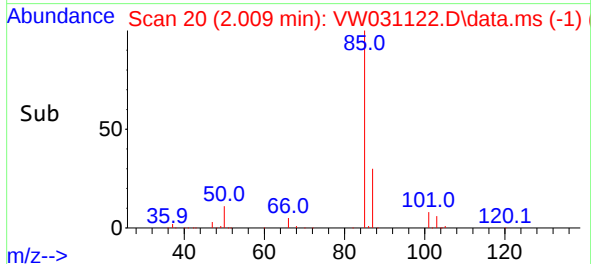
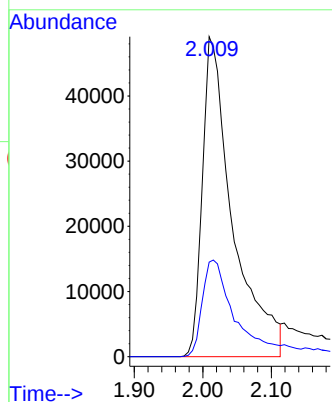
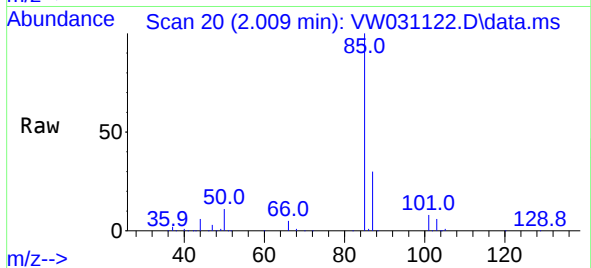




#2
Dichlorodifluoromethane
Concen: 25.000 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

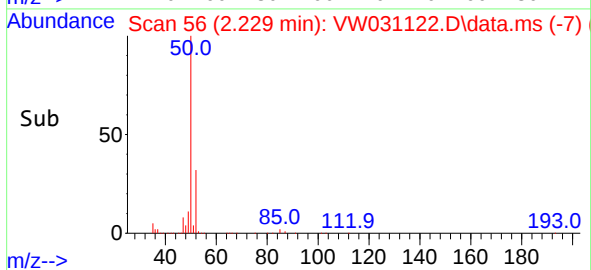
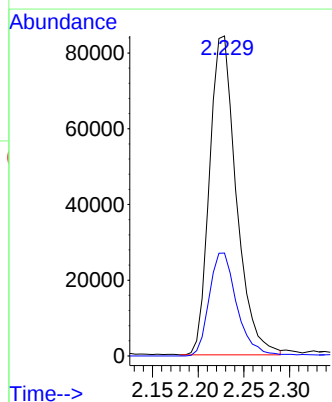
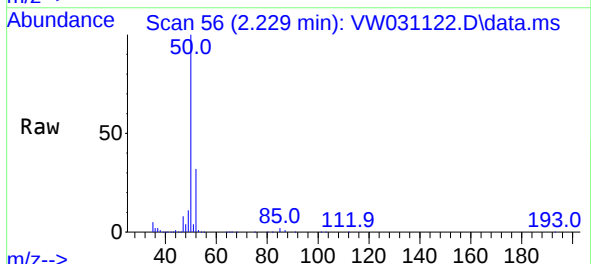
Instrument :
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ClientSampleId :

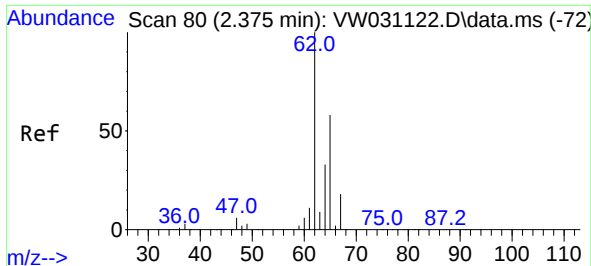
Tgt Ion: 85 Resp: 150579
Ion Ratio Lower Upper
85 100
87 32.2 23.8 35.6



#3
Chloromethane
Concen: 25.000 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 50 Resp: 171924
Ion Ratio Lower Upper
50 100
52 32.2 23.4 43.6

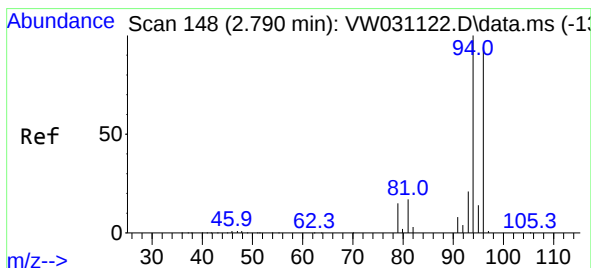
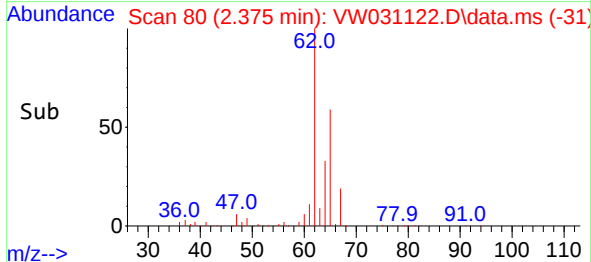
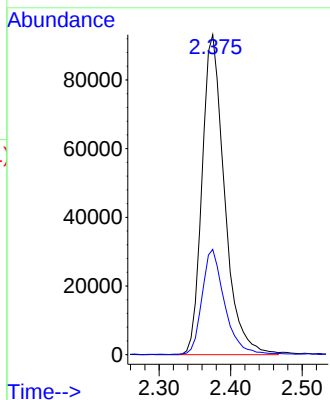
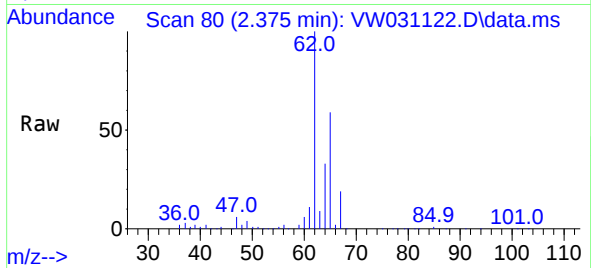




#5
 Vinyl chloride
 Concen: 25.000 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031122.D
 Acq: 04 Dec 2024 09:51

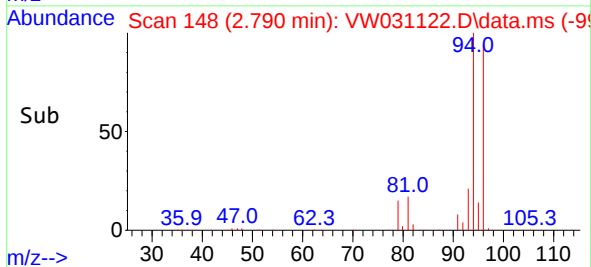
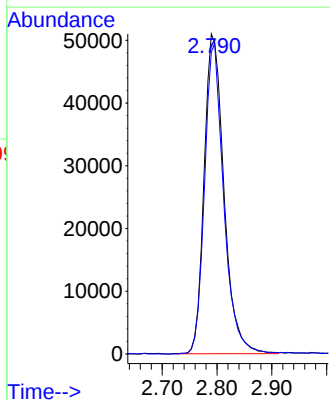
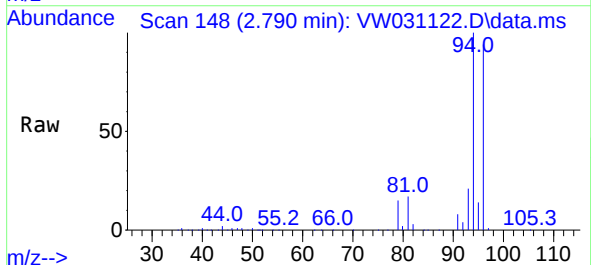
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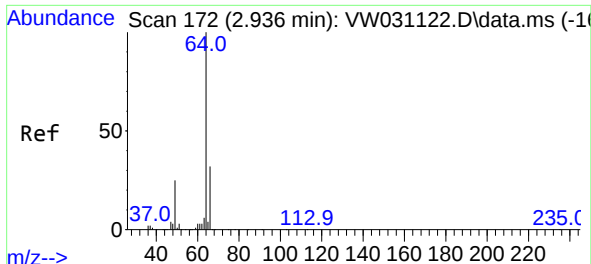
Tgt Ion: 62 Resp: 203482
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.1



#6
 Bromomethane
 Concen: 25.000 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031122.D
 Acq: 04 Dec 2024 09:51

Tgt Ion: 94 Resp: 127717
 Ion Ratio Lower Upper
 94 100
 96 94.3 62.6 116.3

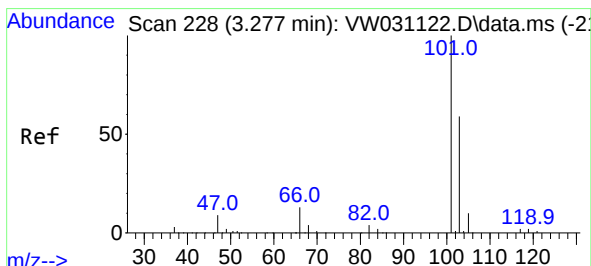
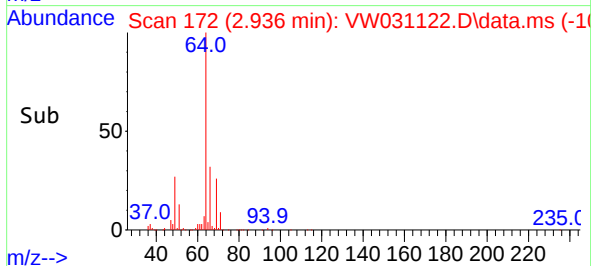
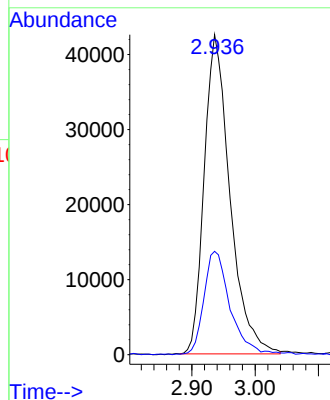
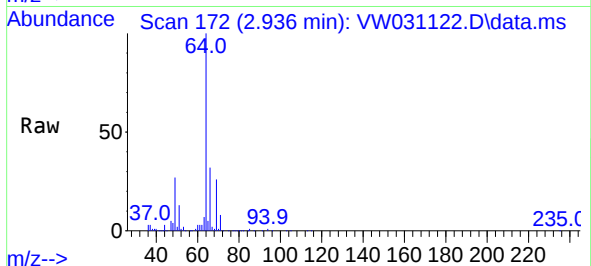




#8
Chloroethane
Concen: 25.000 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

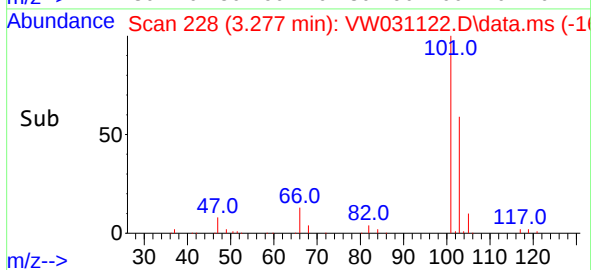
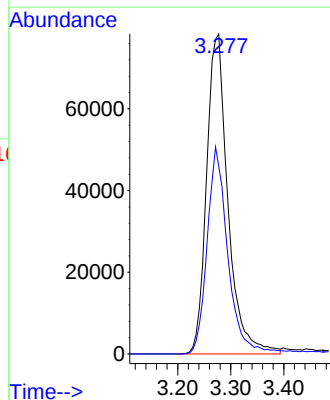
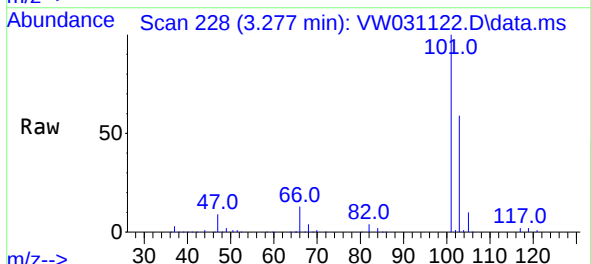
Instrument :
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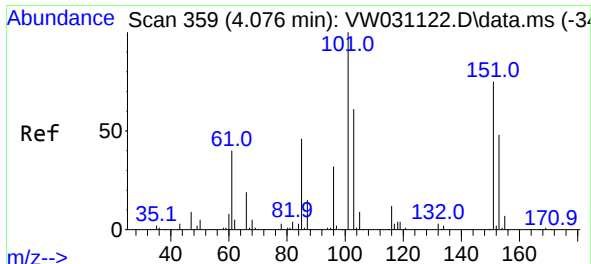
Tgt Ion: 64 Resp: 120271
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 25.000 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion:101 Resp: 219631
Ion Ratio Lower Upper
101 100
103 60.9 50.7 76.1

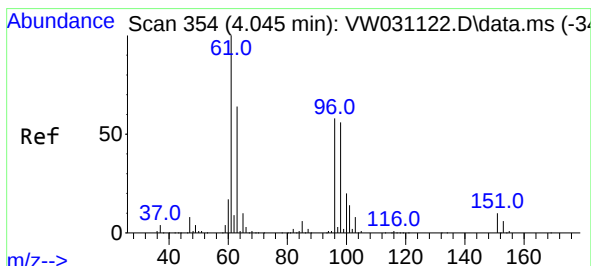
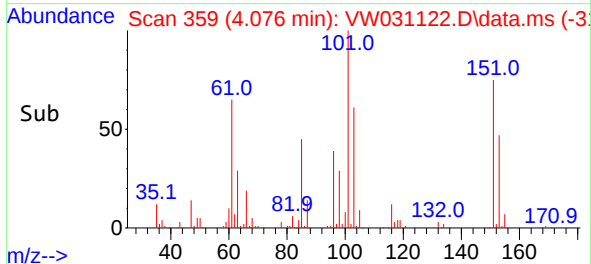
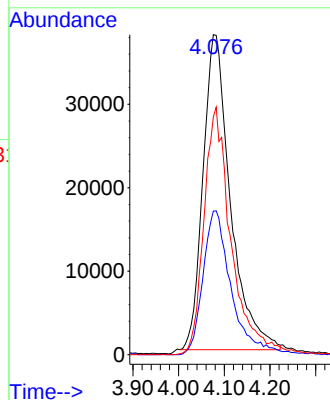
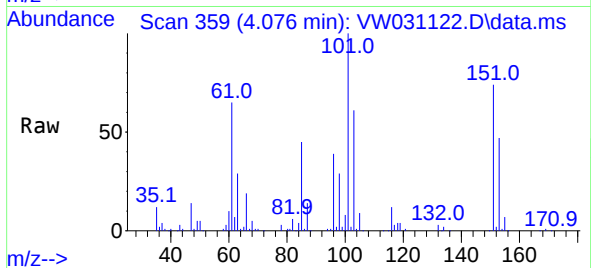




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.000 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

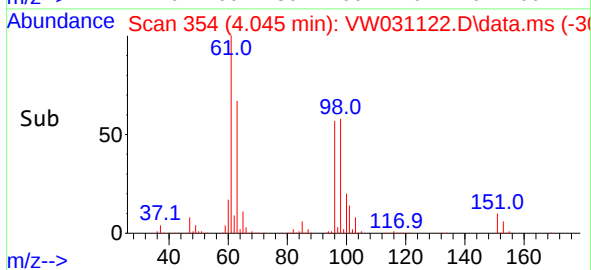
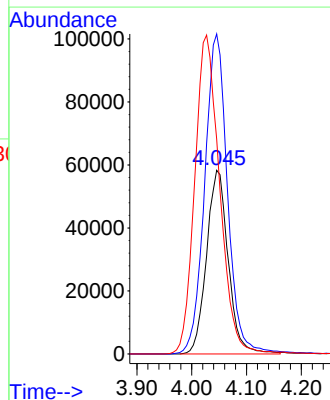
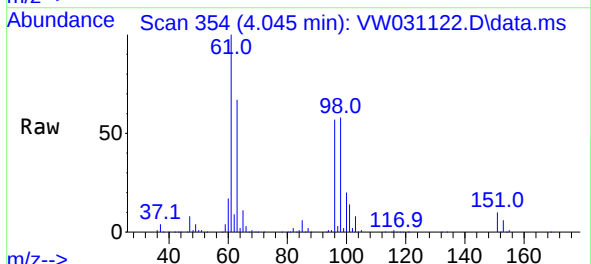
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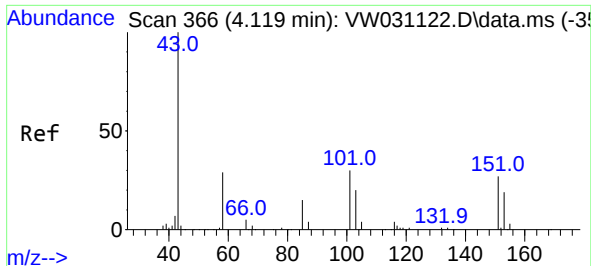
Tgt Ion:101 Resp: 157578
Ion Ratio Lower Upper
101 100
85 44.8 33.9 50.9
151 75.9 61.8 92.6



#12
1,1-Dichloroethene
Concen: 25.000 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 96 Resp: 159690
Ion Ratio Lower Upper
96 100
61 174.2 113.5 210.9
63 116.9 73.8 137.2

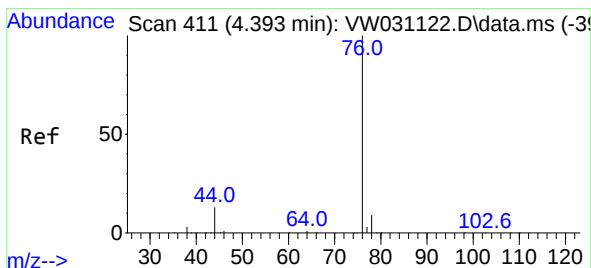
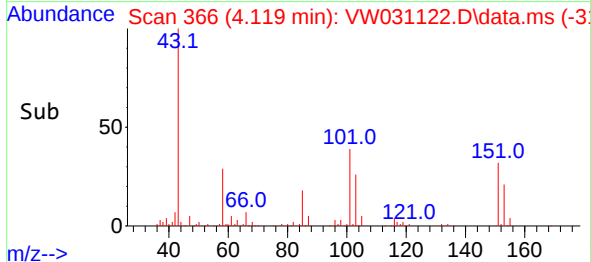
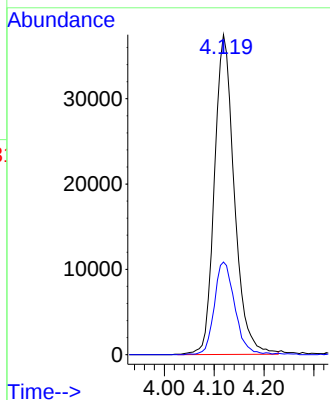
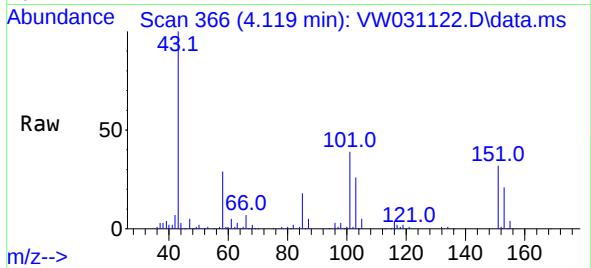




#13
Acetone
Concen: 50.000 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

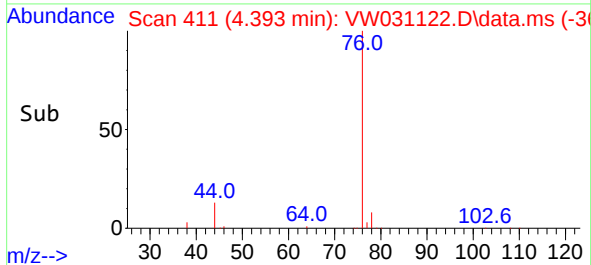
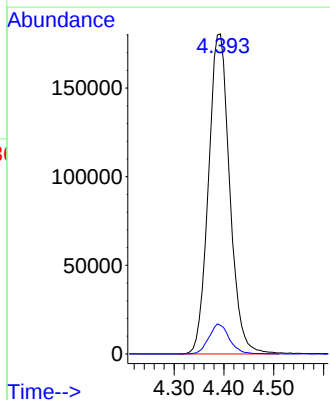
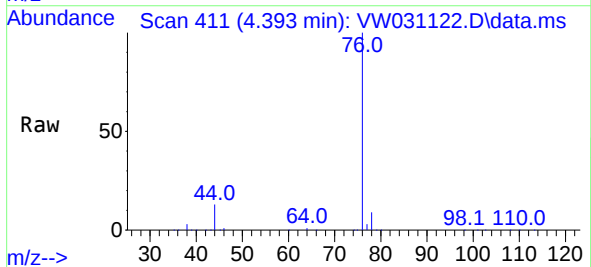
Instrument :
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ClientSampleId :

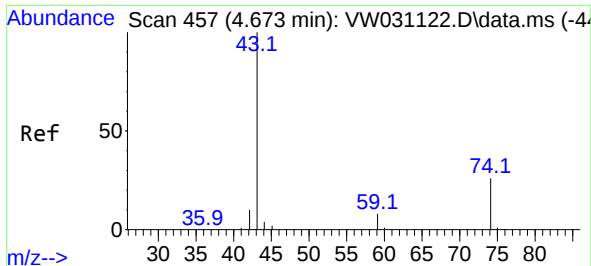
Tgt Ion: 43 Resp: 103654
Ion Ratio Lower Upper
43 100
58 29.3 0.0 67.2



#14
Carbon disulfide
Concen: 25.000 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 76 Resp: 534278
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

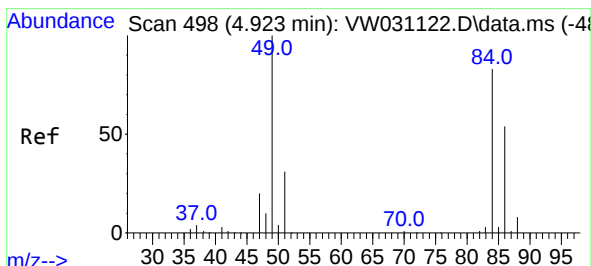
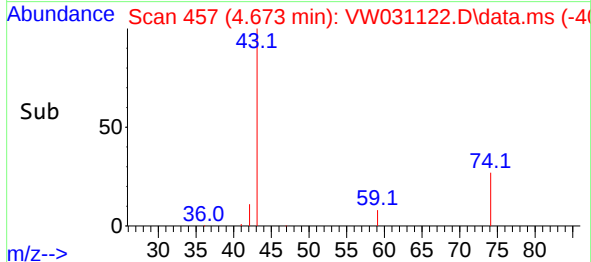
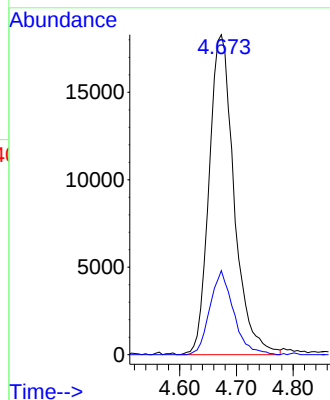
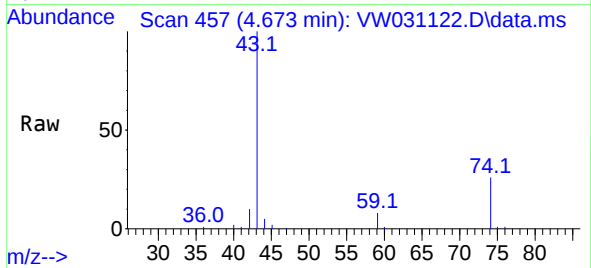




#15
Methyl Acetate
Concen: 25.000 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

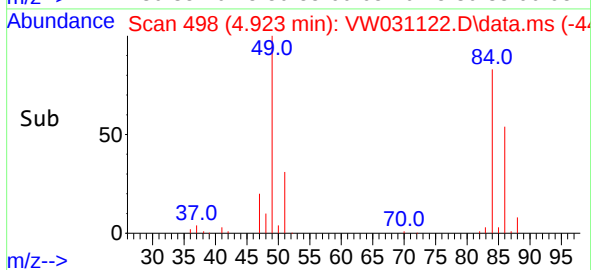
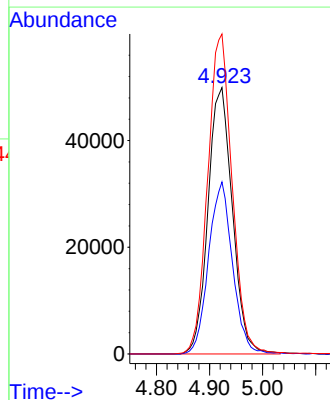
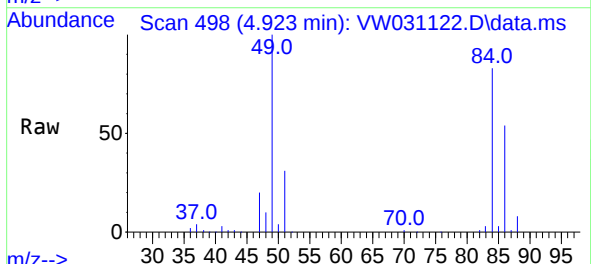
Instrument :
MSVOA_W
ClientSampleId :

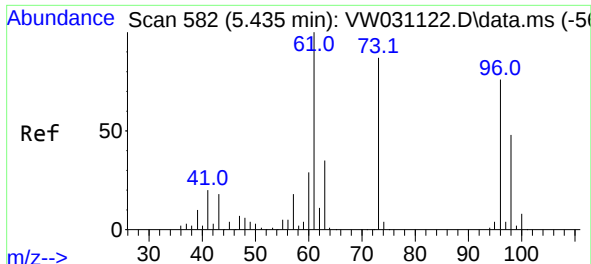
Tgt Ion: 43 Resp: 56074
Ion Ratio Lower Upper
43 100
74 24.8 20.8 31.2



#16
Methylene chloride
Concen: 25.000 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 84 Resp: 159970
Ion Ratio Lower Upper
84 100
86 64.6 44.9 83.5
49 120.1 79.9 148.5

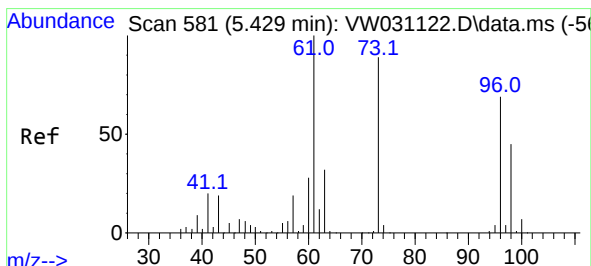
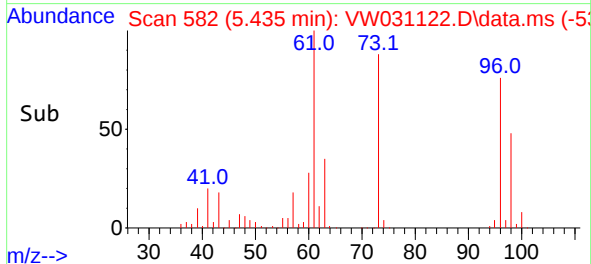
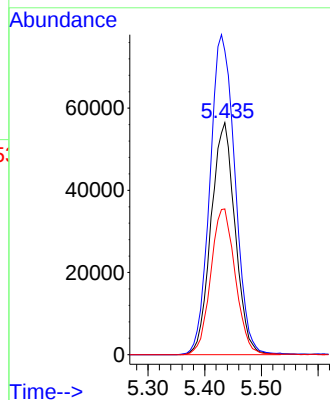
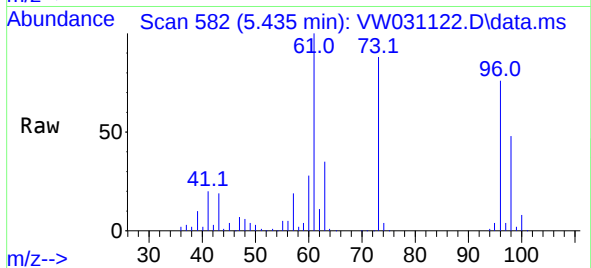




#17
trans-1,2-Dichloroethene
Concen: 25.000 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

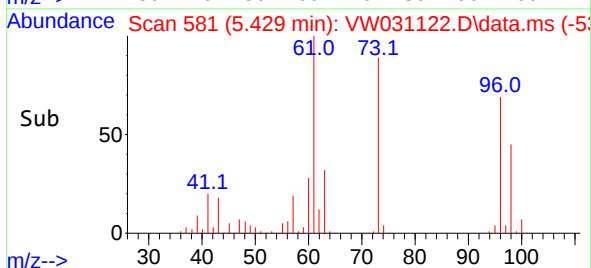
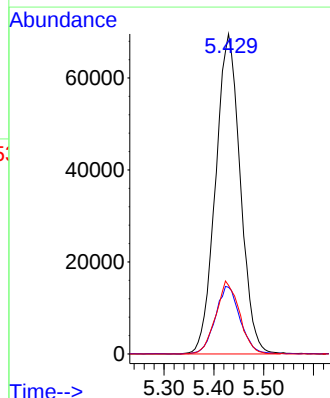
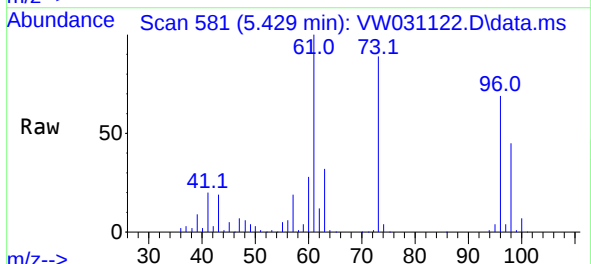
Instrument :
MSVOA_W
ClientSampleId :

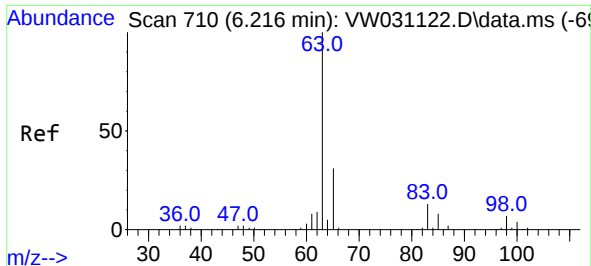
Tgt Ion: 96 Resp: 166672
Ion Ratio Lower Upper
96 100
61 131.0 92.7 172.3
98 62.9 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 25.000 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 73 Resp: 239560
Ion Ratio Lower Upper
73 100
43 21.1 15.4 23.0
57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.000 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

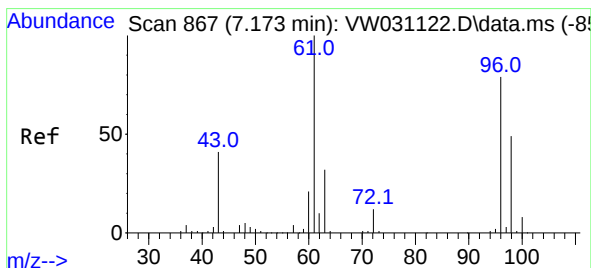
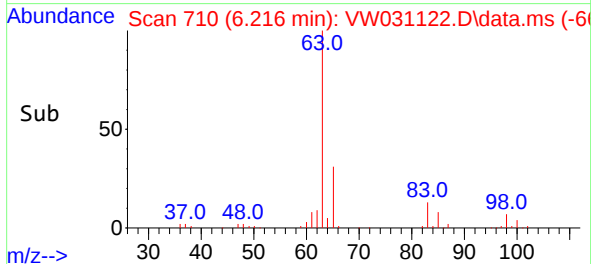
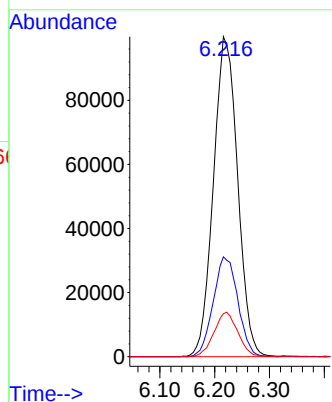
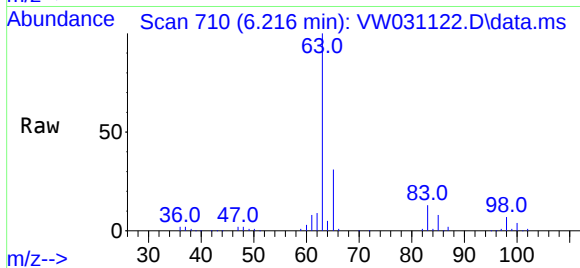
Tgt Ion: 63 Resp: 306431

Ion Ratio Lower Upper

63 100

65 31.2 21.7 40.3

83 13.4 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 25.000 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

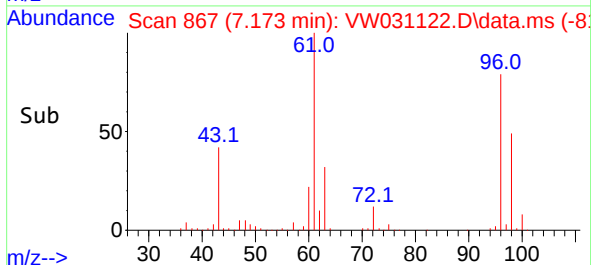
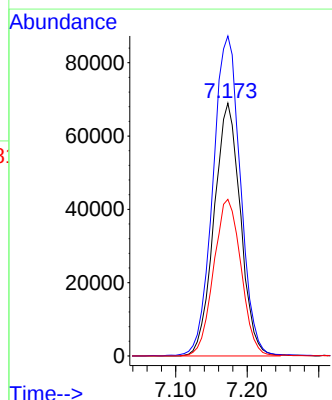
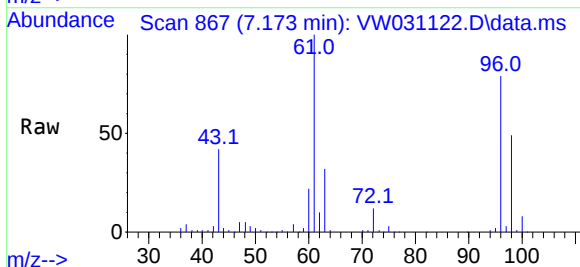
Tgt Ion: 96 Resp: 176970

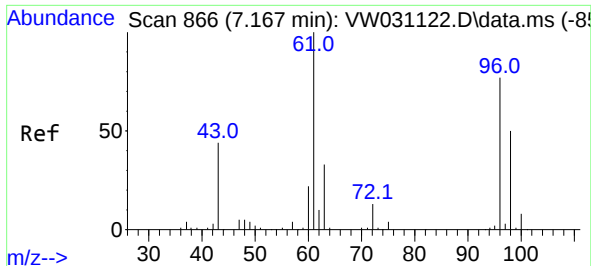
Ion Ratio Lower Upper

96 100

61 126.6 83.7 155.5

98 62.0 43.9 81.5

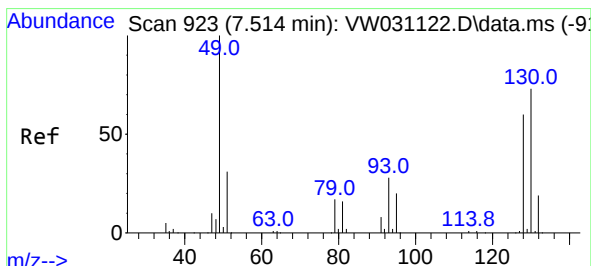
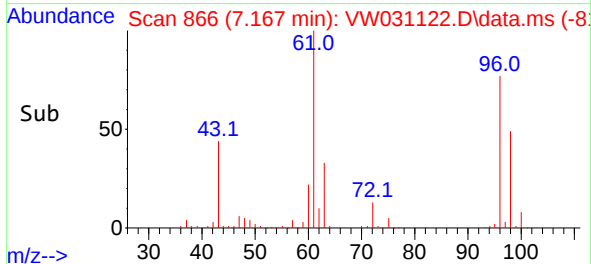
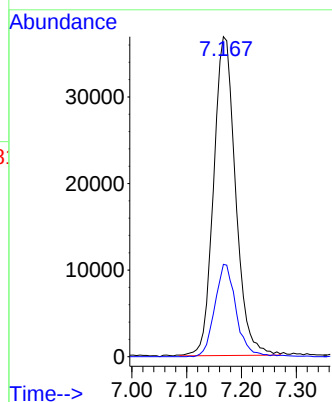
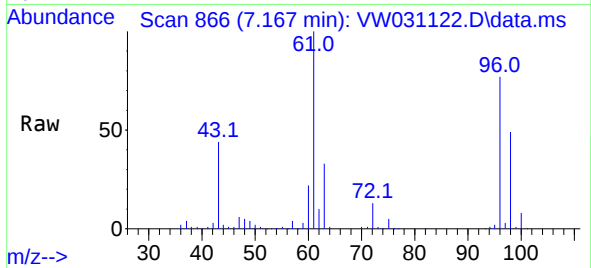




#22
2-Butanone
Concen: 50.000 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

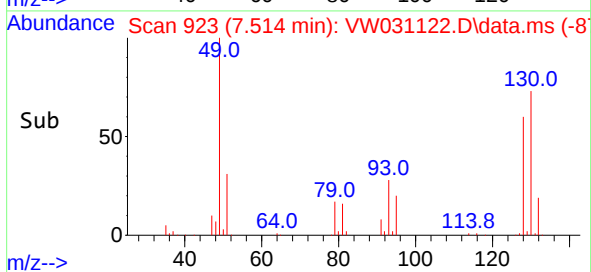
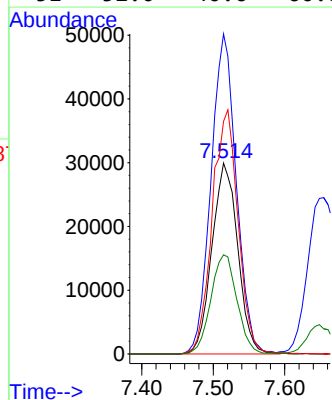
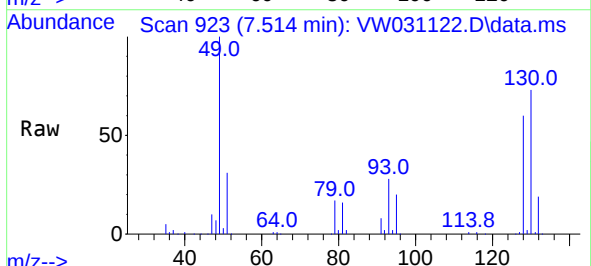
Instrument :
MSVOA_W
ClientSampleId :

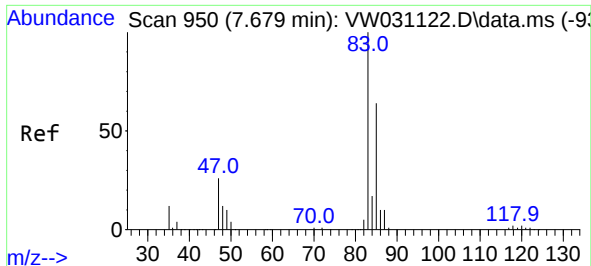
Tgt Ion: 43 Resp: 102552
Ion Ratio Lower Upper
43 100
72 28.0 14.9 44.7



#23
Bromochloromethane
Concen: 25.000 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 128 Resp: 75013
Ion Ratio Lower Upper
128 100
49 167.7 110.9 206.1
130 121.9 93.7 173.9
51 52.0 40.6 60.8

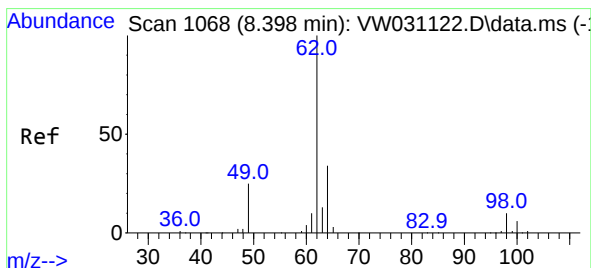
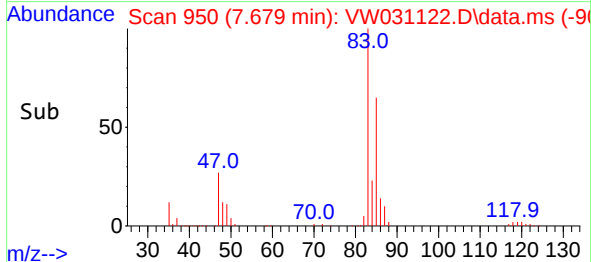
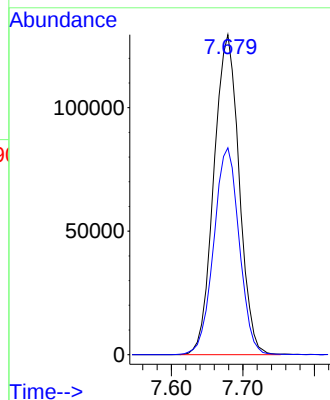
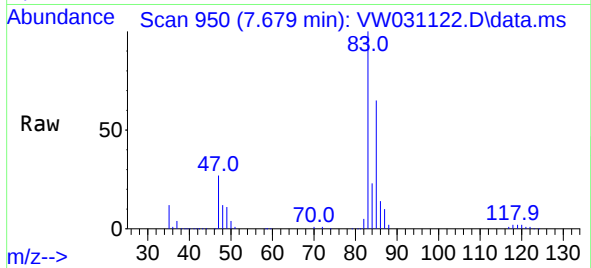




#25
Chloroform
Concen: 25.000 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

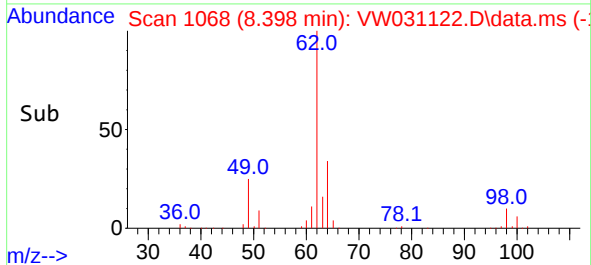
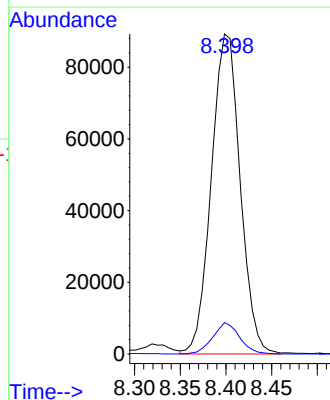
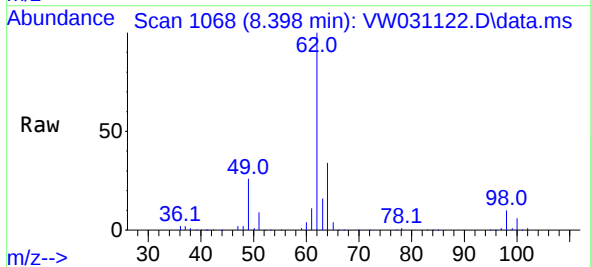
Instrument :
MSVOA_W
ClientSampleId :

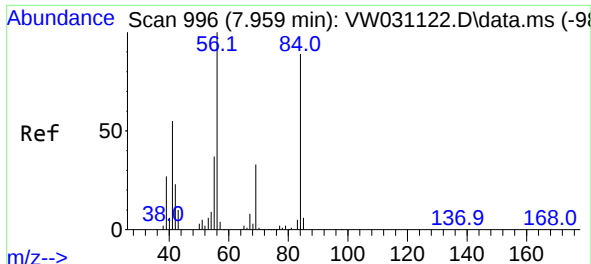
Tgt Ion: 83 Resp: 317596
Ion Ratio Lower Upper
83 100
85 64.6 46.5 86.3



#27
1,2-Dichloroethane
Concen: 25.000 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 62 Resp: 195897
Ion Ratio Lower Upper
62 100
98 9.8 7.7 11.5





#29

Cyclohexane

Concen: 25.000 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

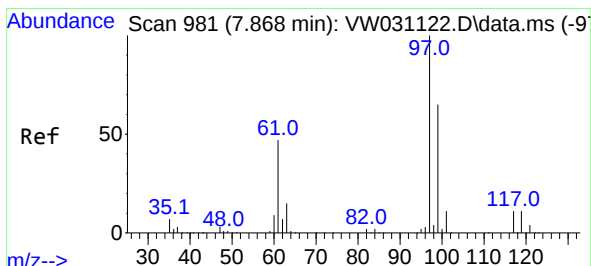
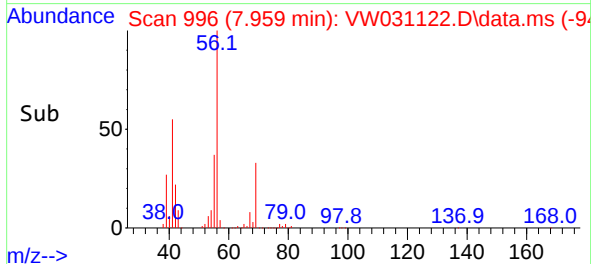
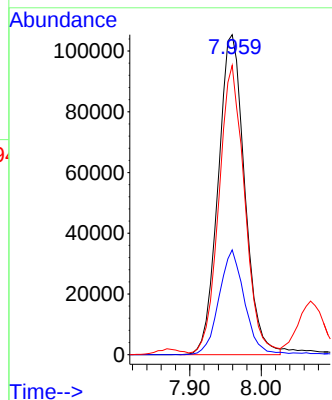
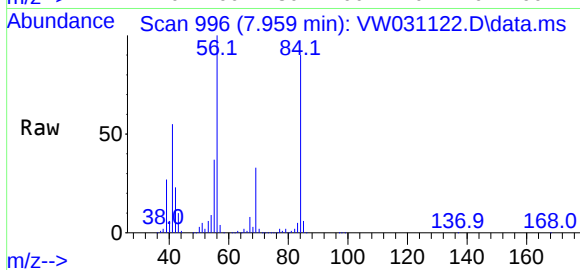
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 271838

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.4	38.2
84	87.6	71.1	106.7



#30

1,1,1-Trichloroethane

Concen: 25.000 ug/L

RT: 7.868 min Scan# 981

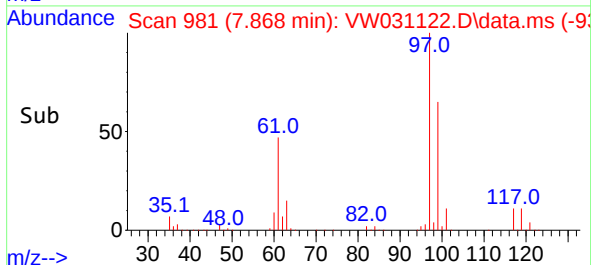
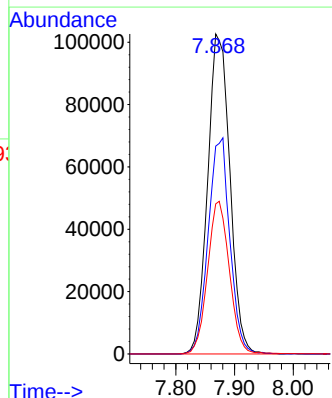
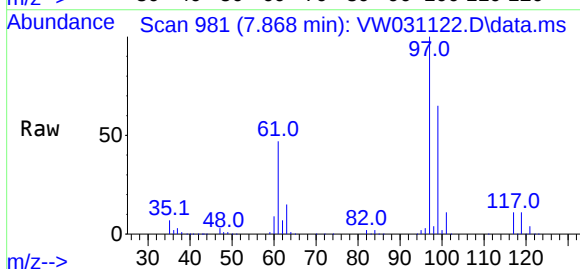
Delta R.T. 0.000 min

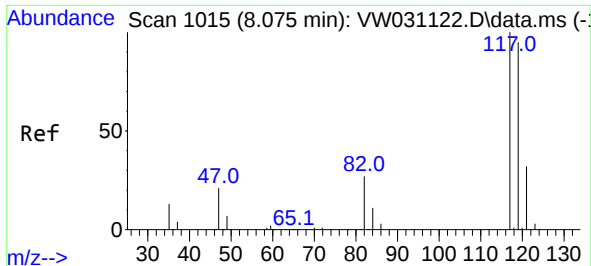
Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

Tgt Ion: 97 Resp: 270377

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.6	77.4
61	46.7	33.8	50.6

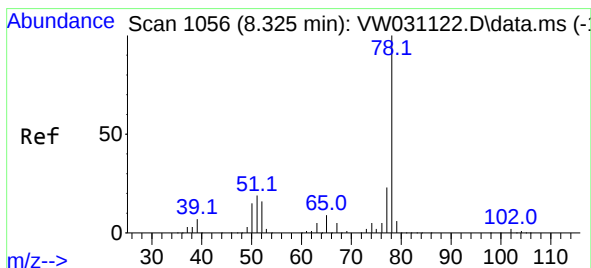
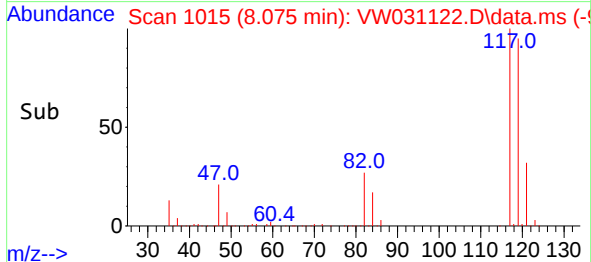
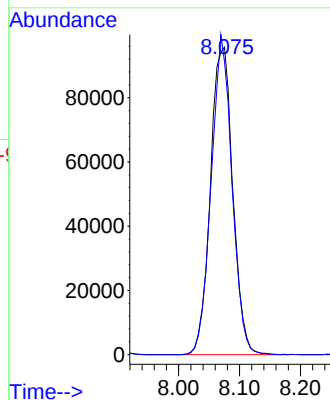
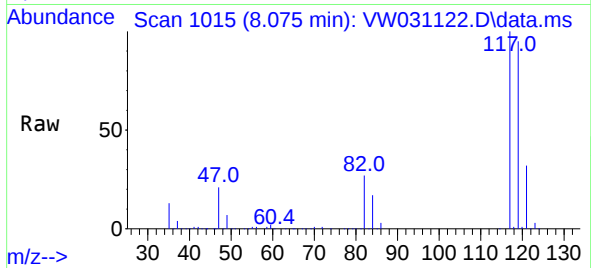




#31
Carbon tetrachloride
Concen: 25.000 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

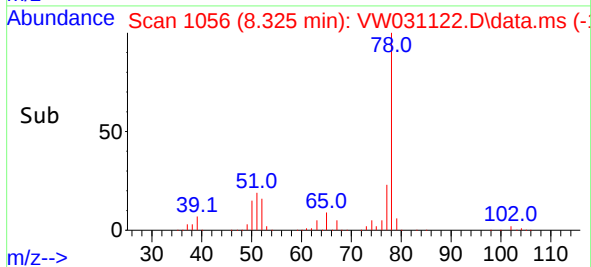
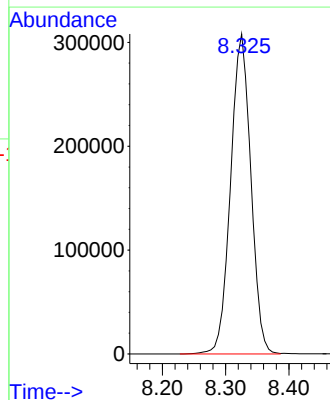
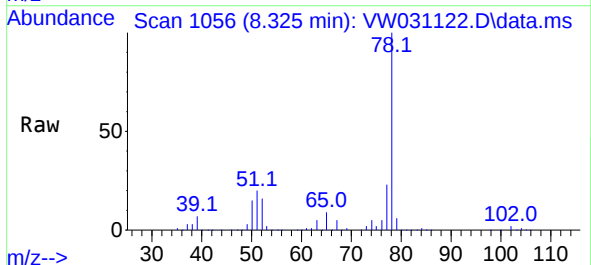
Instrument :
MSVOA_W
ClientSampleId :

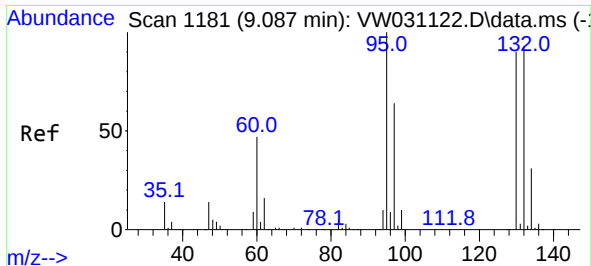
Tgt Ion:117 Resp: 244563
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8



#33
Benzene
Concen: 25.000 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

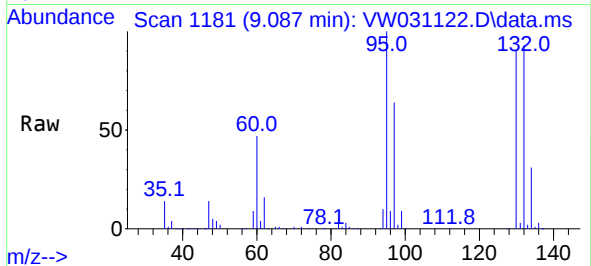
Tgt Ion: 78 Resp: 684870



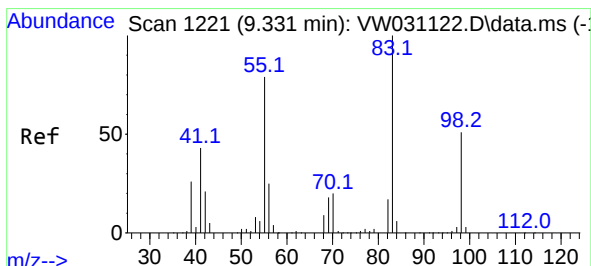
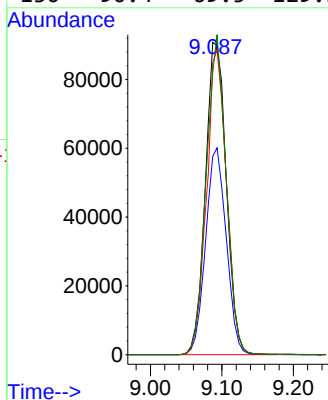
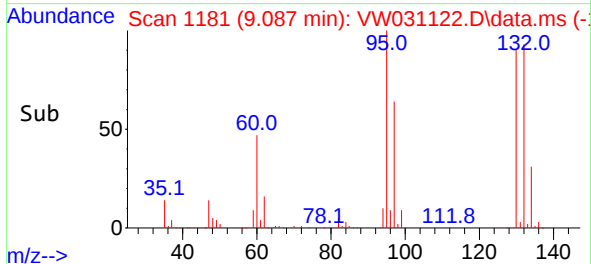


#34
Trichloroethene
Concen: 25.000 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

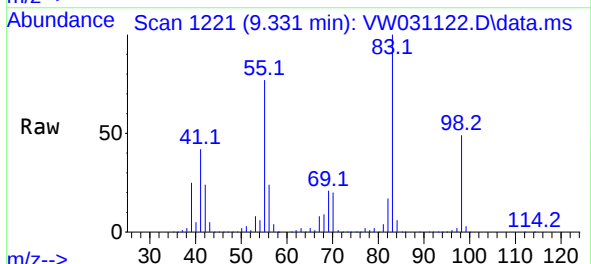
Instrument :
MSVOA_W
ClientSampleId :



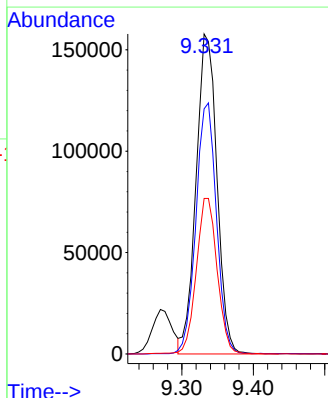
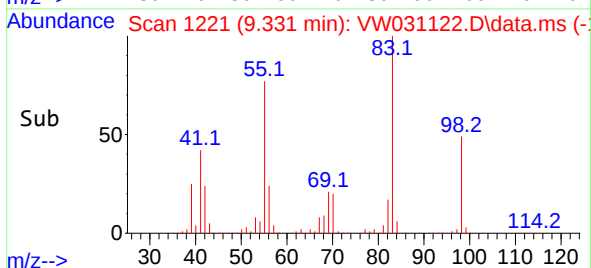
Tgt Ion: 95 Resp: 184481
Ion Ratio Lower Upper
95 100
97 63.5 48.0 89.2
132 93.5 67.4 125.2
130 90.4 69.5 129.1

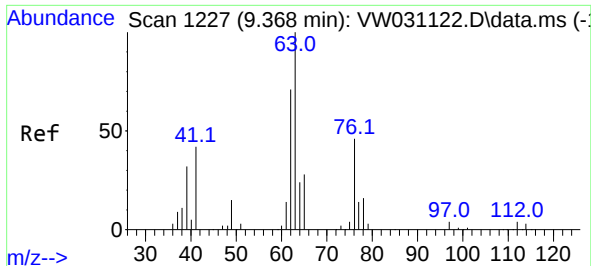


#35
Methylcyclohexane
Concen: 25.000 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51



Tgt Ion: 83 Resp: 320202
Ion Ratio Lower Upper
83 100
55 77.2 59.5 89.3
98 48.5 38.7 58.1

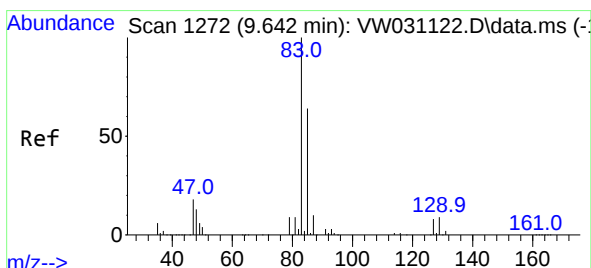
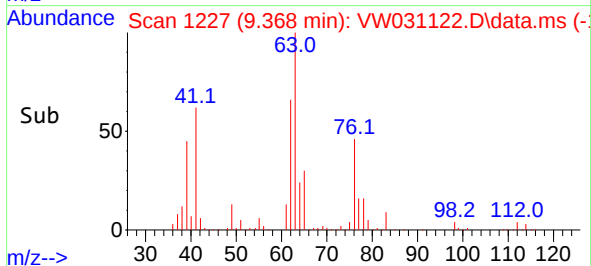
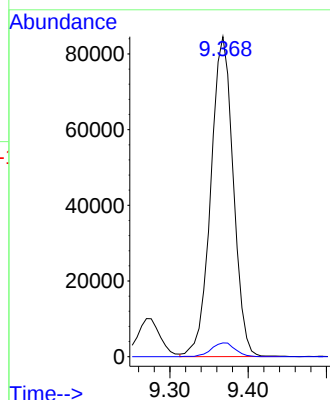
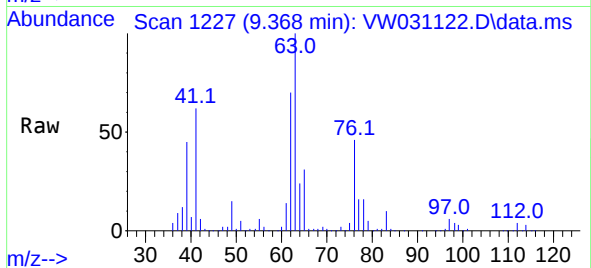




#37
1,2-Dichloropropane
Concen: 25.000 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

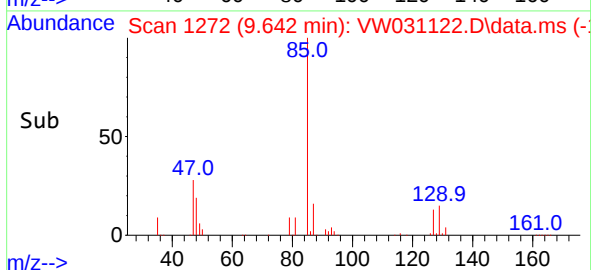
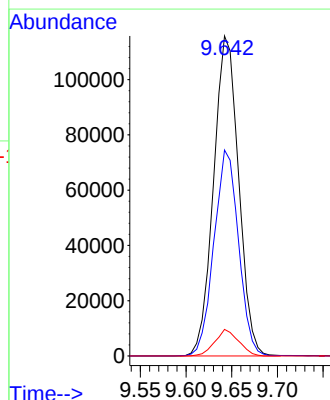
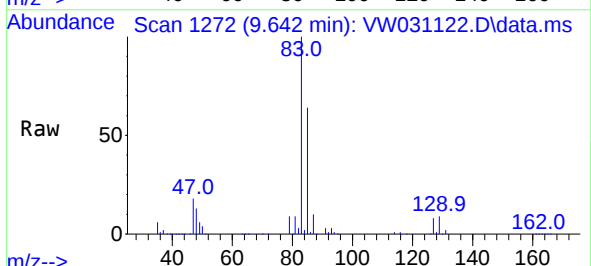
Instrument :
MSVOA_W
ClientSampleId :

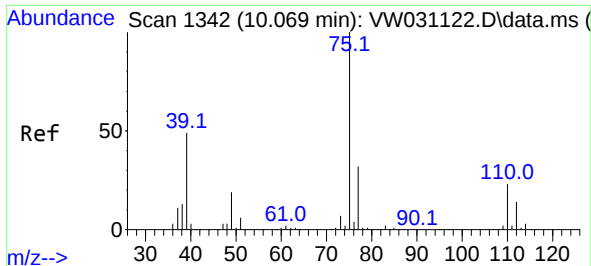
Tgt Ion: 63 Resp: 168586
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 25.000 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 83 Resp: 220881
Ion Ratio Lower Upper
83 100
85 64.4 48.7 90.5
127 8.3 7.2 10.8

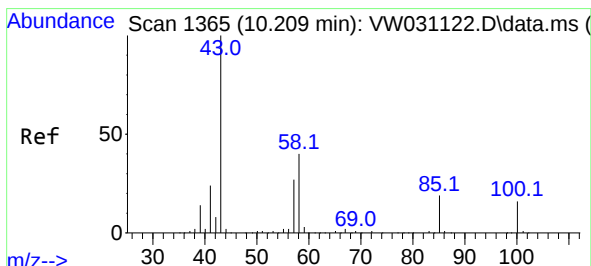
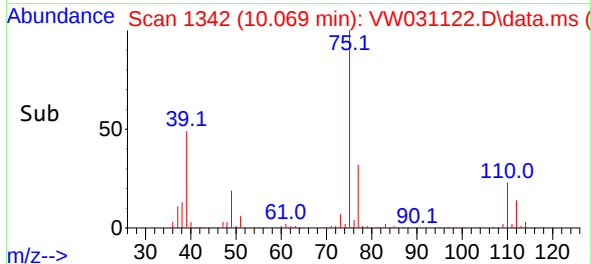
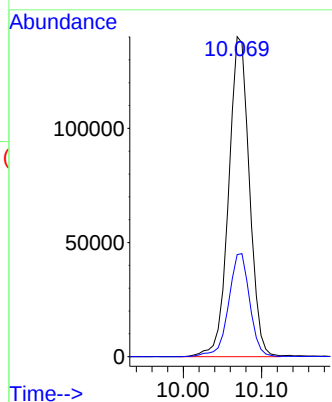
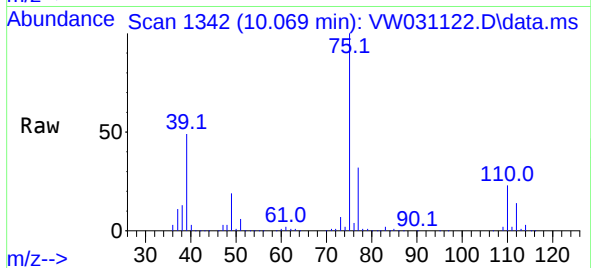




#39
cis-1,3-Dichloropropene
Concen: 25.000 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

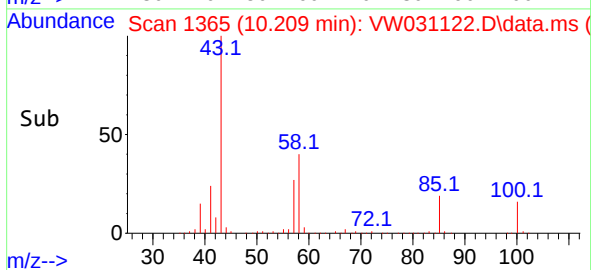
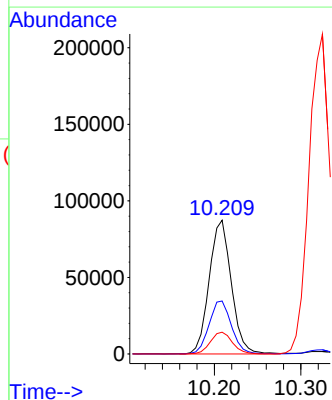
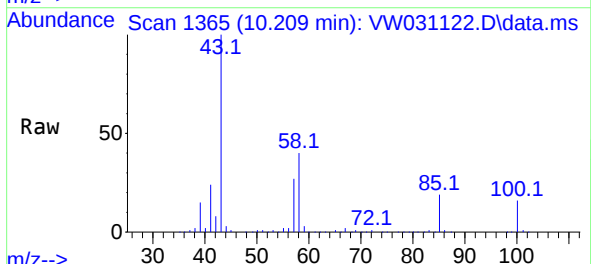
Instrument :
MSVOA_W
ClientSampleId :

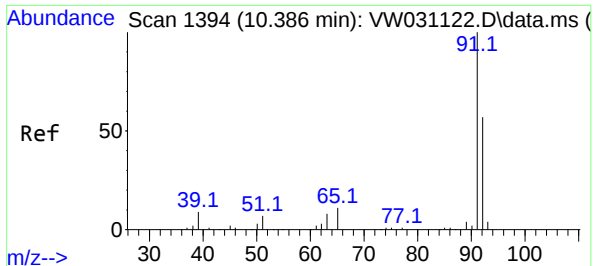
Tgt Ion: 75 Resp: 257616
Ion Ratio Lower Upper
75 100
77 31.9 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 50.000 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 43 Resp: 154973
Ion Ratio Lower Upper
43 100
58 40.2 33.7 50.5
100 16.3 14.2 21.2

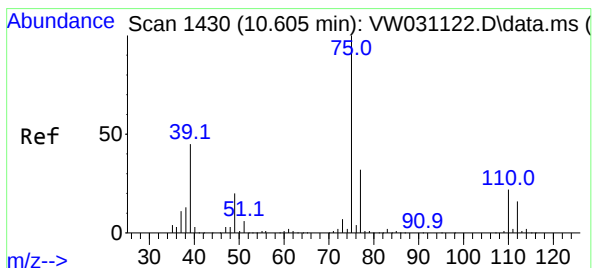
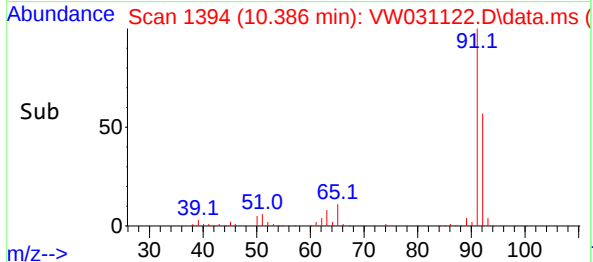
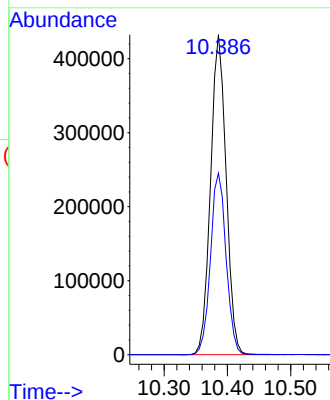
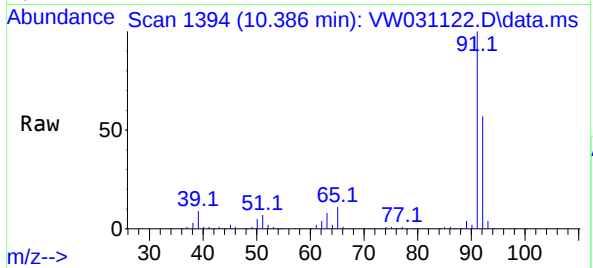




#42
Toluene
Concen: 25.000 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

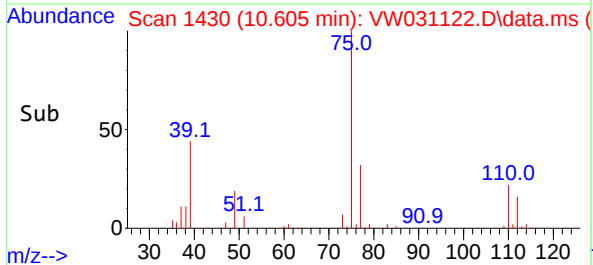
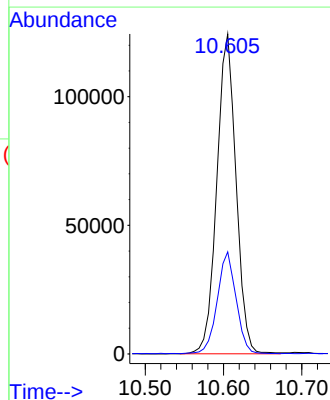
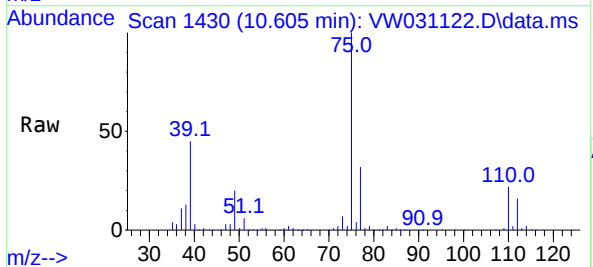
Instrument :
MSVOA_W
ClientSampleId :

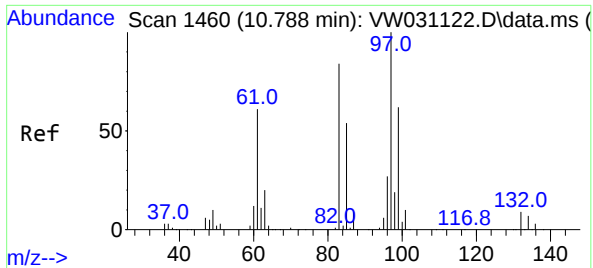
Tgt Ion: 91 Resp: 739742
Ion Ratio Lower Upper
91 100
92 56.7 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.000 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 75 Resp: 211915
Ion Ratio Lower Upper
75 100
77 31.9 22.1 41.1



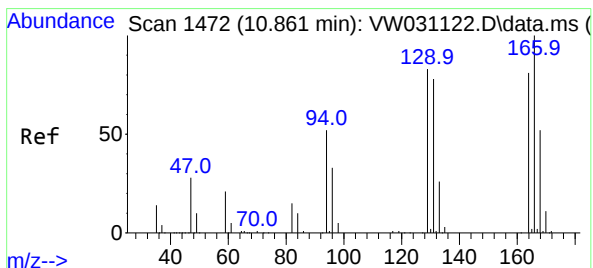
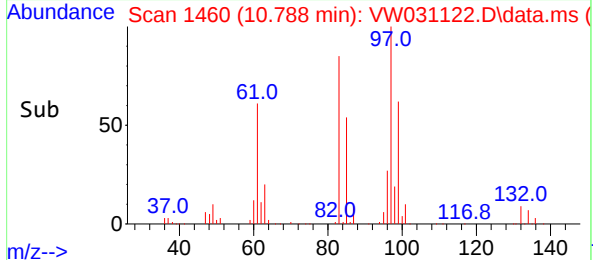
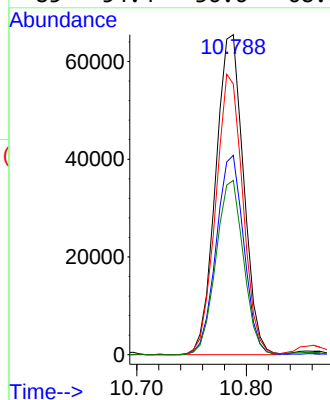
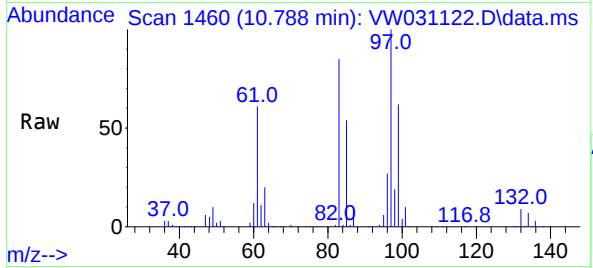


#45
1,1,2-Trichloroethane
Concen: 25.000 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 116109

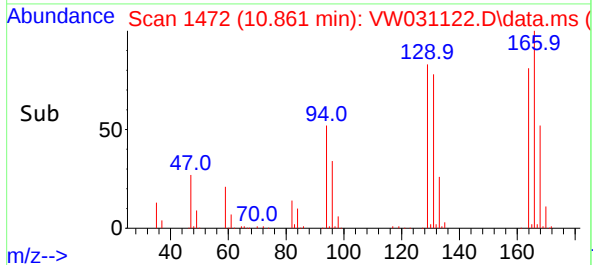
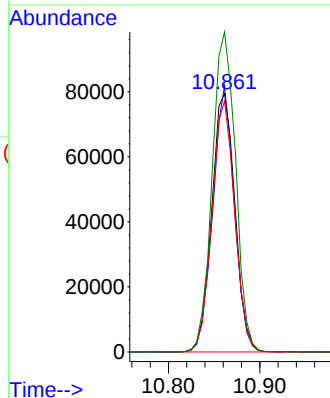
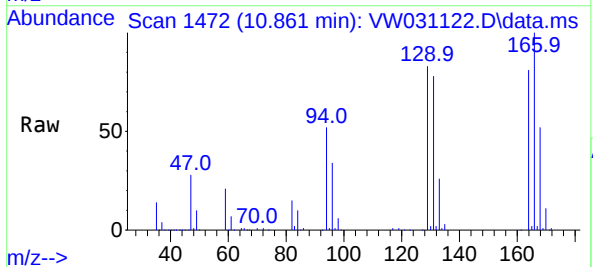
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.4	78.8
83	84.6	57.8	107.4
85	54.4	36.6	68.0

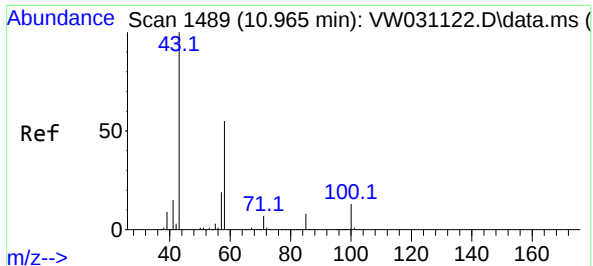


#46
Tetrachloroethene
Concen: 25.000 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion:164 Resp: 140087

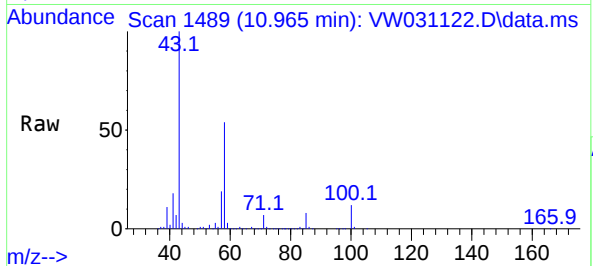
Ion	Ratio	Lower	Upper
164	100		
129	103.0	61.9	114.9
131	97.1	67.9	126.1
166	123.8	85.8	159.3





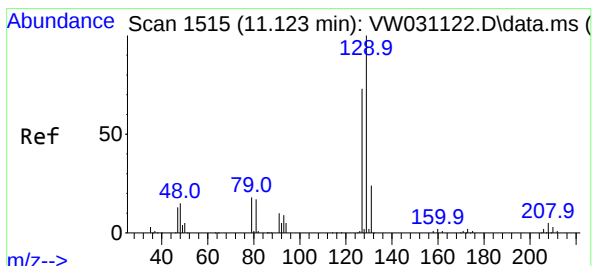
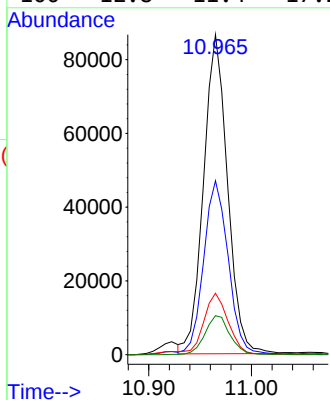
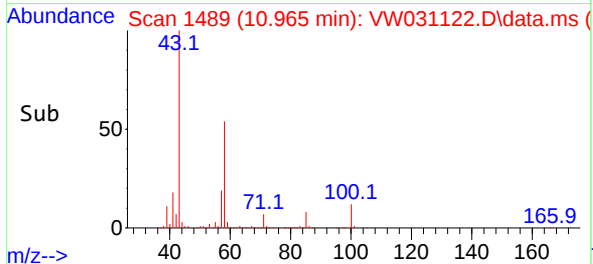
#48
2-Hexanone
Concen: 50.000 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 140487

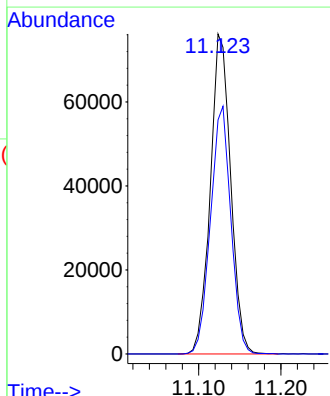
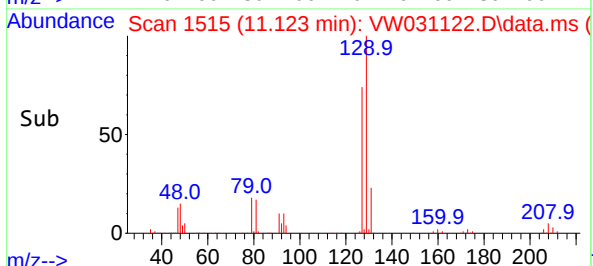
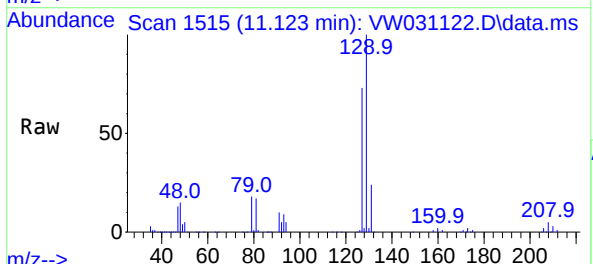
Ion	Ratio	Lower	Upper
43	100		
58	56.1	49.8	74.6
57	20.6	16.6	24.8
100	12.8	11.4	17.2

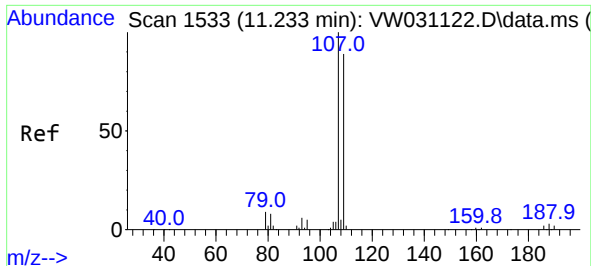


#49
Dibromochloromethane
Concen: 25.000 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 129 Resp: 130826

Ion	Ratio	Lower	Upper
129	100		
127	73.2	51.4	95.4



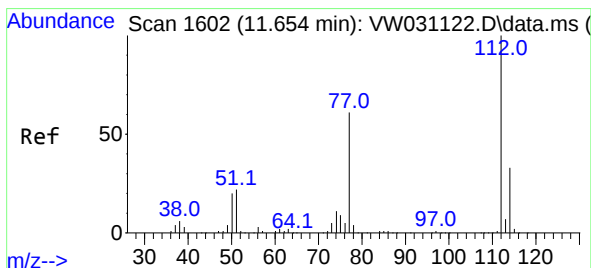
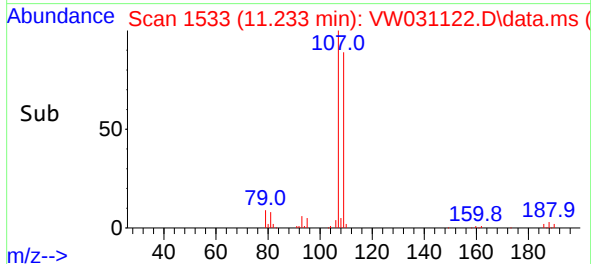
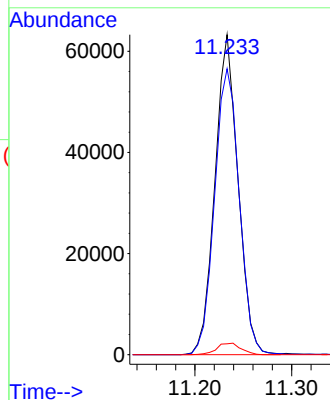
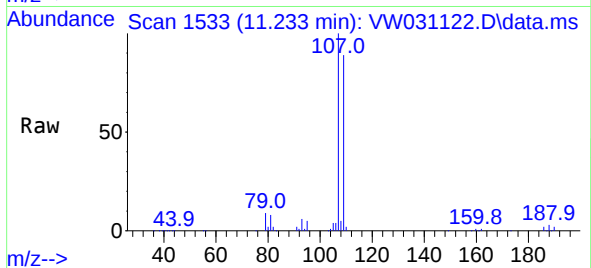


#50
1,2-Dibromoethane
Concen: 25.000 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:107 Resp: 105150

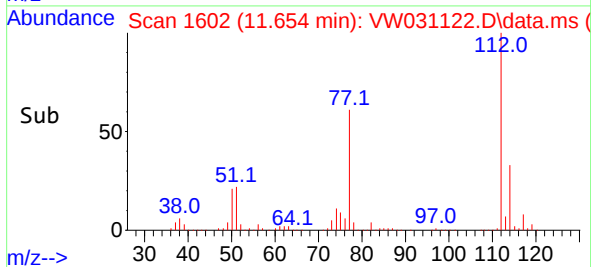
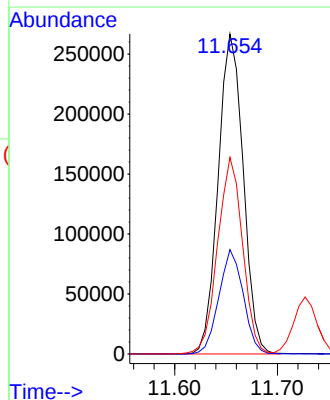
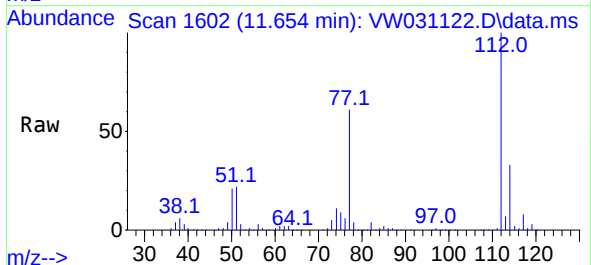
Ion	Ratio	Lower	Upper
107	100		
109	89.4	71.0	131.9
188	3.5	3.0	4.4

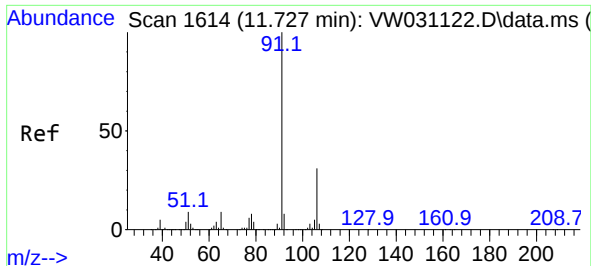


#51
Chlorobenzene
Concen: 25.000 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion:112 Resp: 451575

Ion	Ratio	Lower	Upper
112	100		
114	32.6	21.2	39.4
77	61.4	45.4	68.0

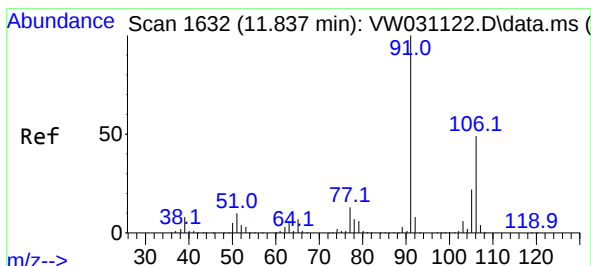
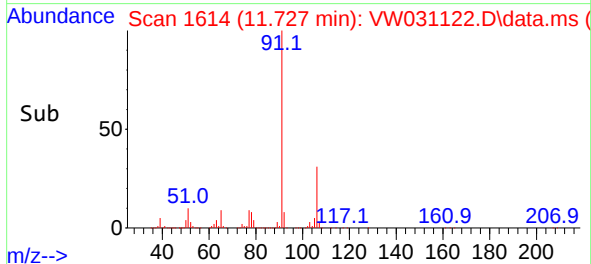
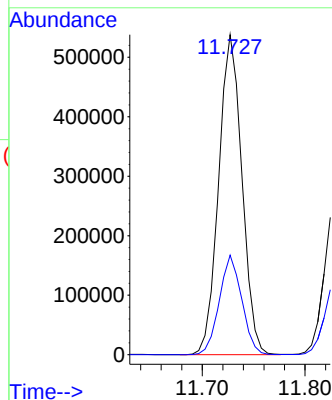
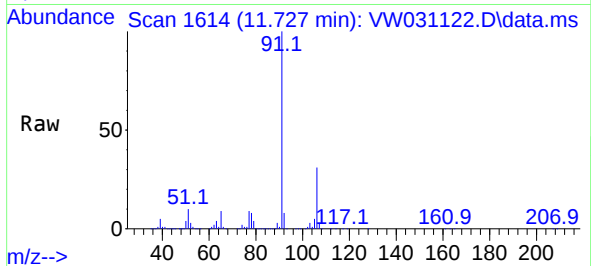




#52
Ethylbenzene
Concen: 25.000 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

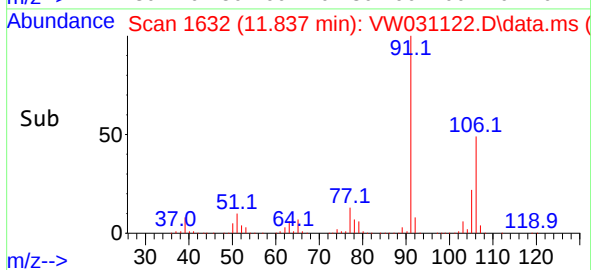
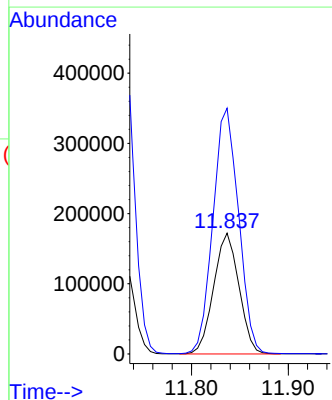
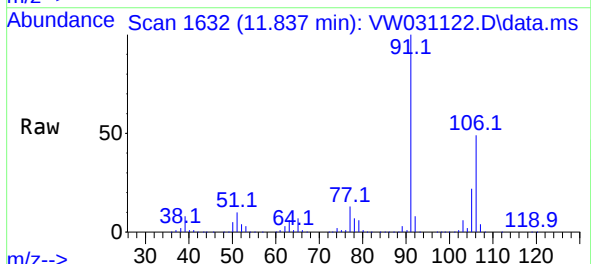
Instrument :
MSVOA_W
ClientSampleId :

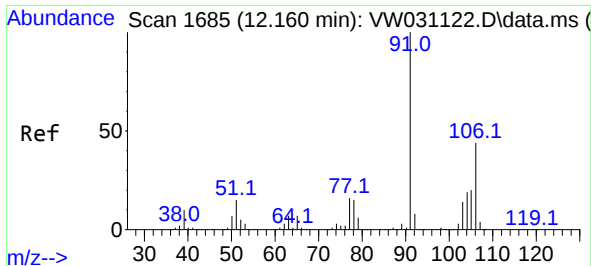
Tgt Ion: 91 Resp: 845037
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5



#53
m,p-Xylene
Concen: 25.000 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion: 106 Resp: 312805
Ion Ratio Lower Upper
106 100
91 203.5 140.9 261.7

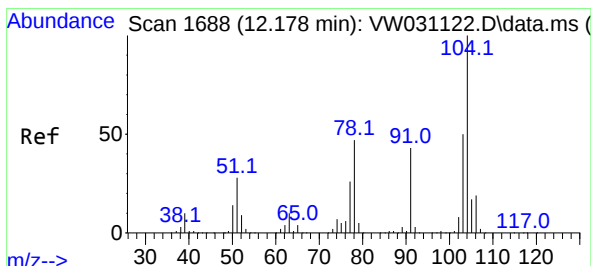
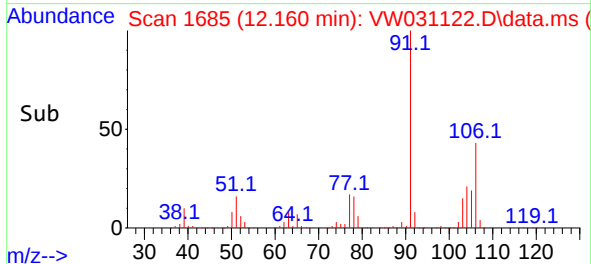
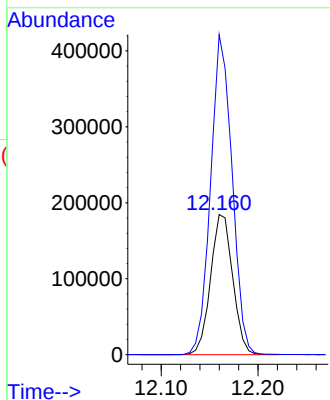
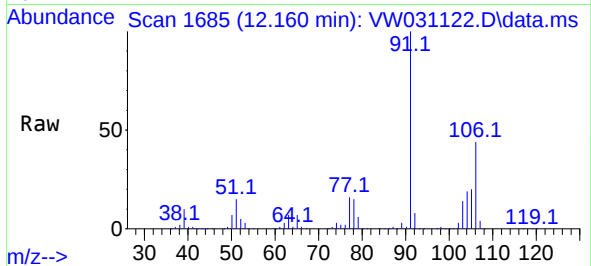




#54
o-Xylene
Concen: 25.000 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

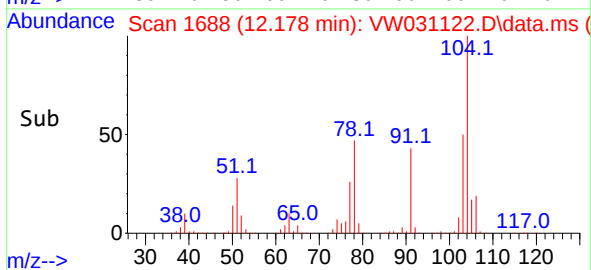
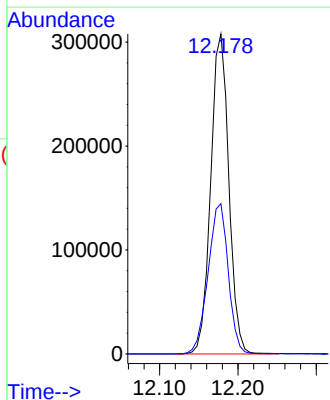
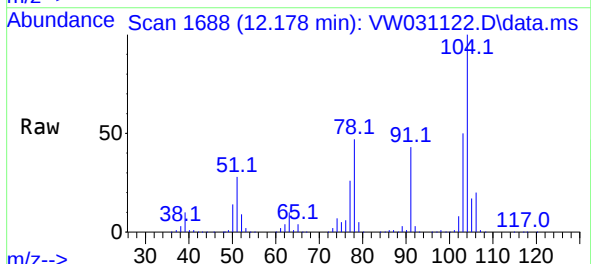
Instrument :
MSVOA_W
ClientSampleId :

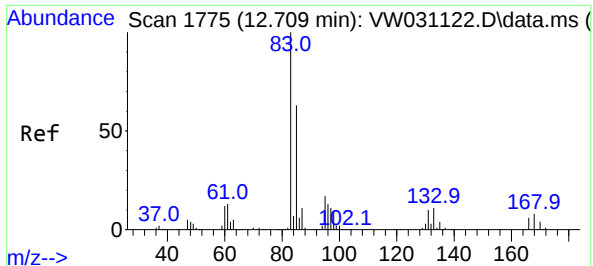
Tgt Ion:106 Resp: 293480
Ion Ratio Lower Upper
106 100
91 228.2 152.7 283.5



#55
Styrene
Concen: 25.000 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion:104 Resp: 494486
Ion Ratio Lower Upper
104 100
78 47.0 30.2 56.0

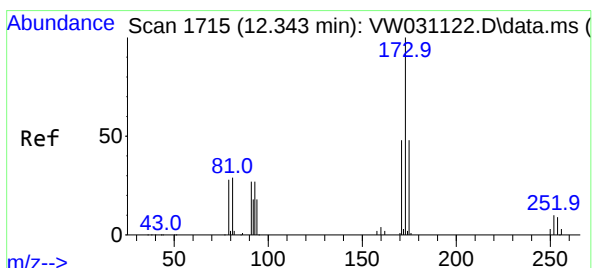
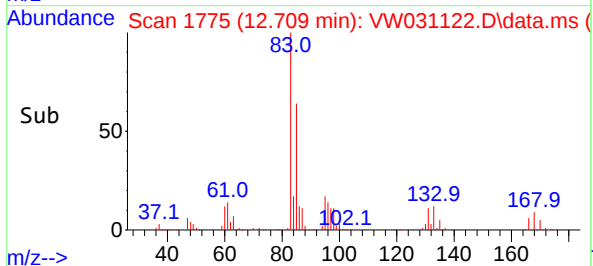
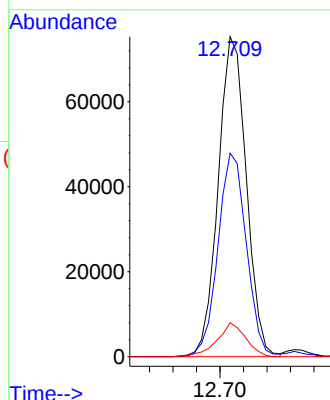
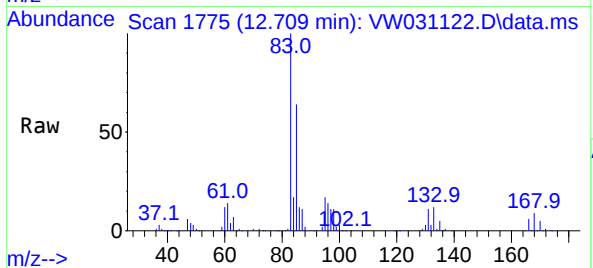




#57
1,1,2,2-Tetrachloroethane
Concen: 25.000 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

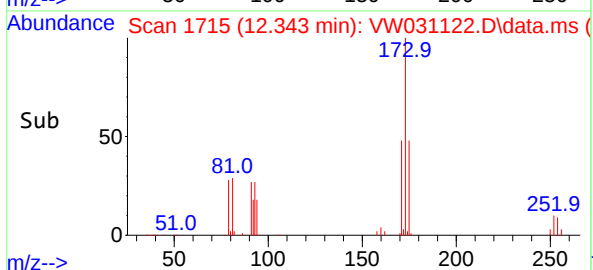
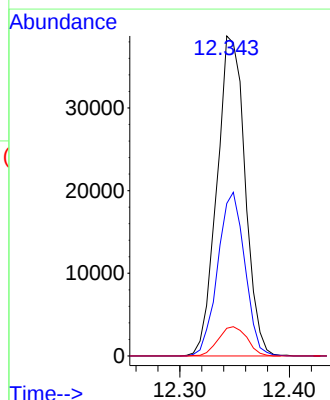
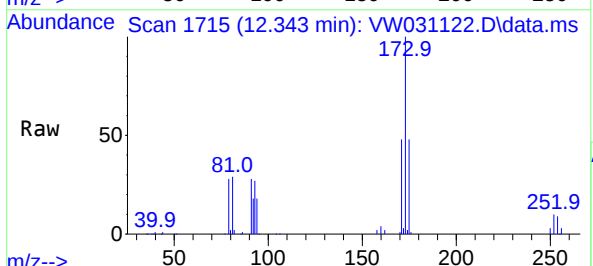
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 125074
Ion Ratio Lower Upper
83 100
85 63.6 48.3 89.7
131 10.6 8.9 13.3

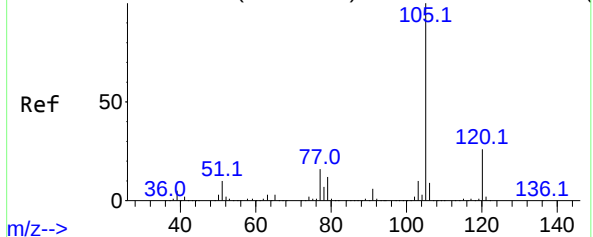


#59
Bromoform
Concen: 25.000 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

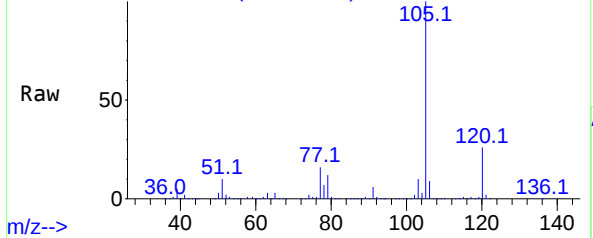
Tgt Ion:173 Resp: 68935
Ion Ratio Lower Upper
173 100
175 49.3 36.6 54.8
254 9.4 7.7 11.5



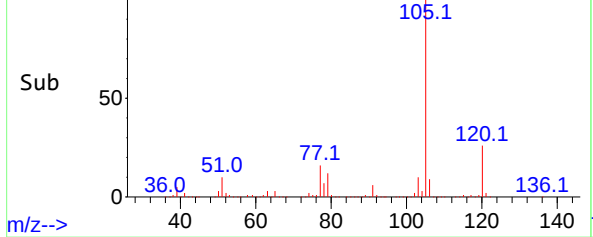
Abundance Scan 1734 (12.459 min): VW031122.D\data.ms (



m/z--> Abundance Scan 1734 (12.459 min): VW031122.D\data.ms



m/z--> Abundance Scan 1734 (12.459 min): VW031122.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 25.000 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

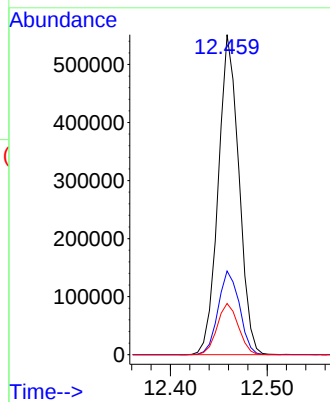
Tgt Ion:105 Resp: 816335

Ion Ratio Lower Upper

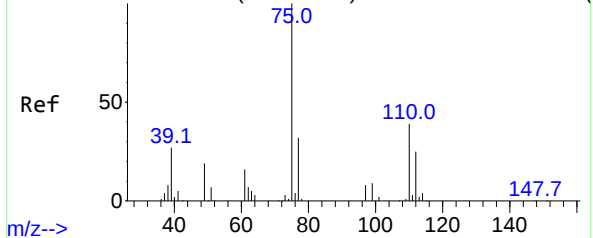
105 100

120 26.9 21.5 32.3

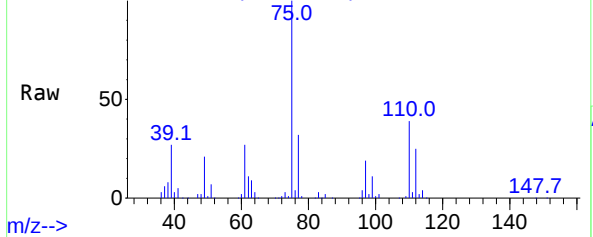
77 16.4 12.3 18.5



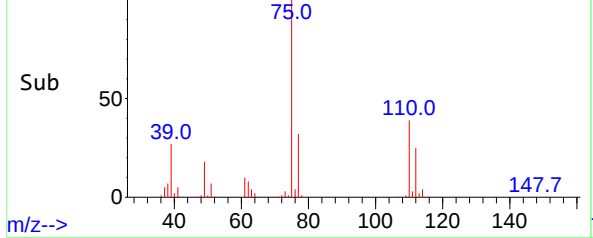
Abundance Scan 1784 (12.763 min): VW031122.D\data.ms (



m/z--> Abundance Scan 1784 (12.763 min): VW031122.D\data.ms



m/z--> Abundance Scan 1784 (12.763 min): VW031122.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 25.000 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

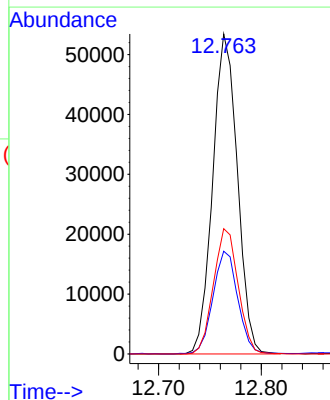
Tgt Ion: 75 Resp: 89050

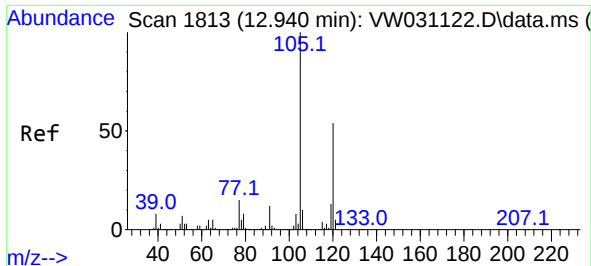
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

110 39.2 33.1 49.7

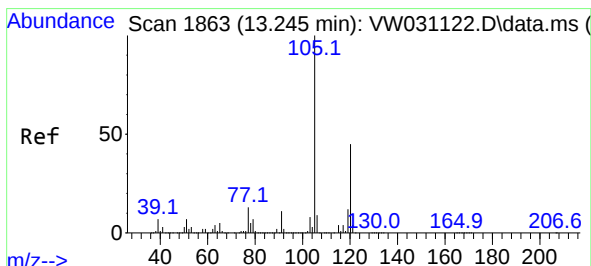
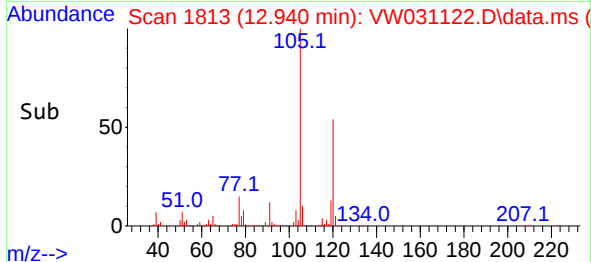
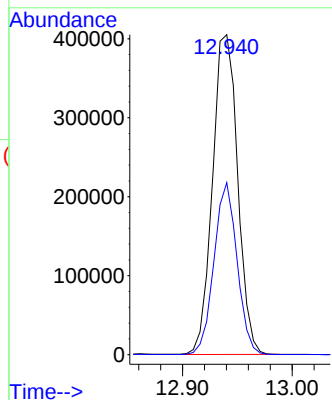
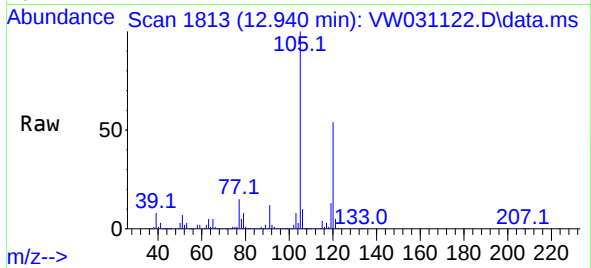




#62
1,3,5-Trimethylbenzene
Concen: 25.000 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

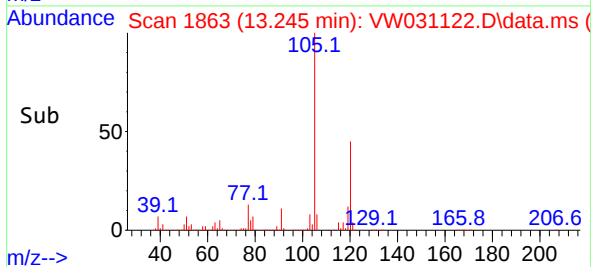
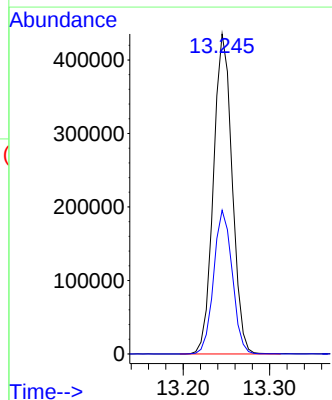
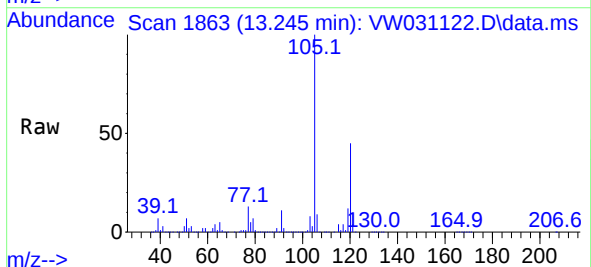
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 646128
Ion Ratio Lower Upper
105 100
120 49.4 40.5 60.7

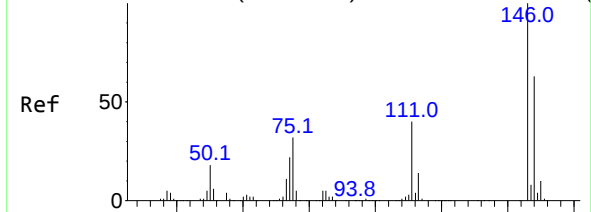


#63
1,2,4-Trimethylbenzene
Concen: 25.000 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion:105 Resp: 653511
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.0

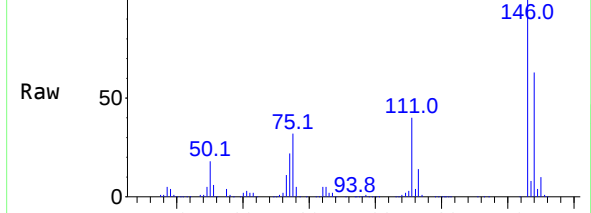


Abundance Scan 1904 (13.495 min): VW031122.D\data.ms (



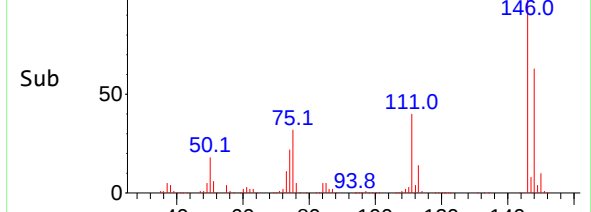
m/z-->

Abundance Scan 1904 (13.495 min): VW031122.D\data.ms



m/z-->

Abundance Scan 1904 (13.495 min): VW031122.D\data.ms (



m/z-->

#64

1,3-Dichlorobenzene

Concen: 25.000 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146 Resp: 345948

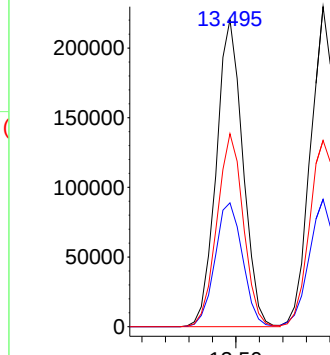
Ion Ratio Lower Upper

146 100

111 40.3 28.5 52.9

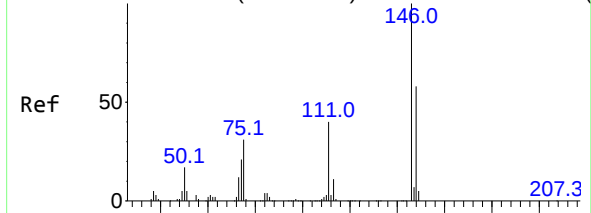
148 62.8 44.1 81.9

Abundance



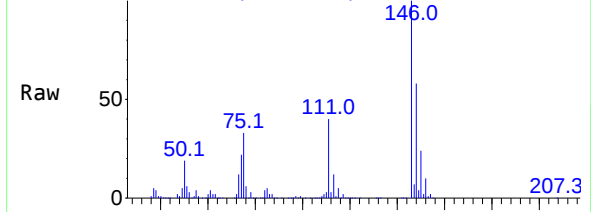
Time-->

Abundance Scan 1917 (13.574 min): VW031122.D\data.ms (



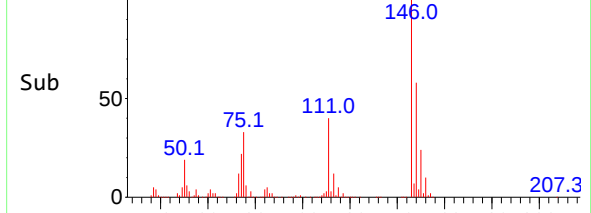
m/z-->

Abundance Scan 1917 (13.574 min): VW031122.D\data.ms



m/z-->

Abundance Scan 1917 (13.574 min): VW031122.D\data.ms (



m/z-->

#65

1,4-Dichlorobenzene

Concen: 25.000 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

Tgt Ion:146 Resp: 345126

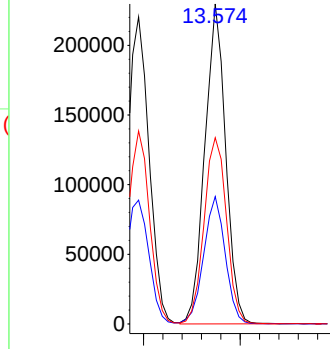
Ion Ratio Lower Upper

146 100

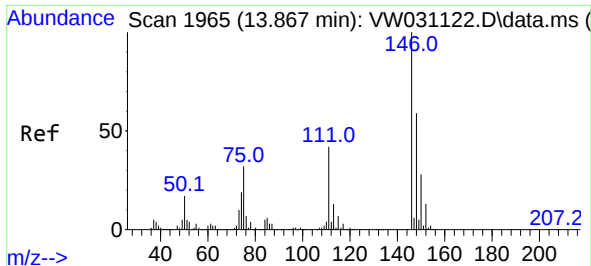
111 39.8 26.6 49.4

148 58.2 42.1 78.1

Abundance



Time-->



#67

1,2-Dichlorobenzene

Concen: 25.000 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

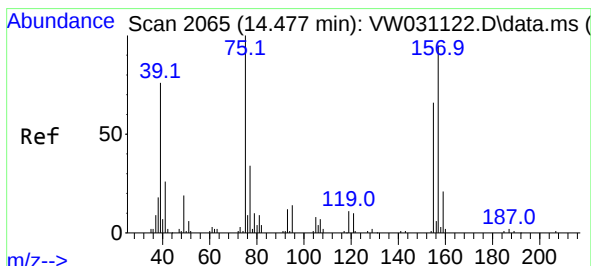
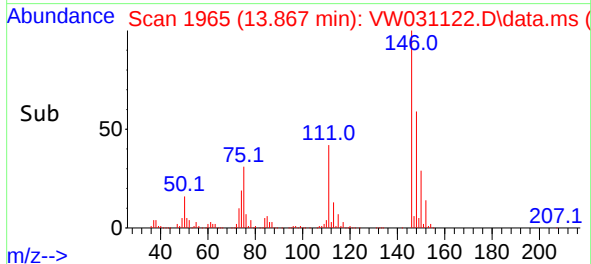
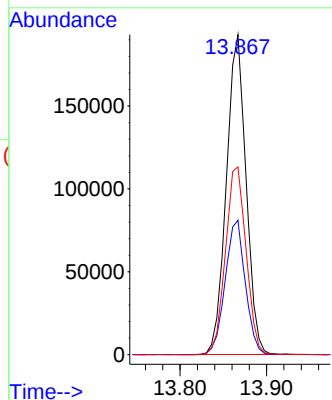
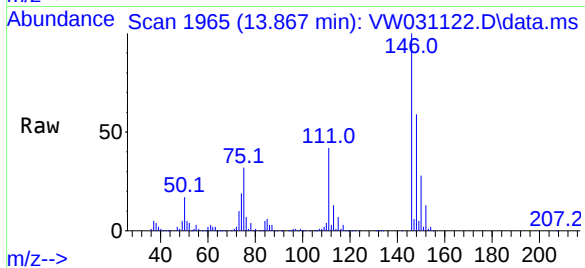
Tgt Ion:146 Resp: 305089

Ion Ratio Lower Upper

146 100

111 42.0 30.9 46.3

148 58.7 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.000 ug/L

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

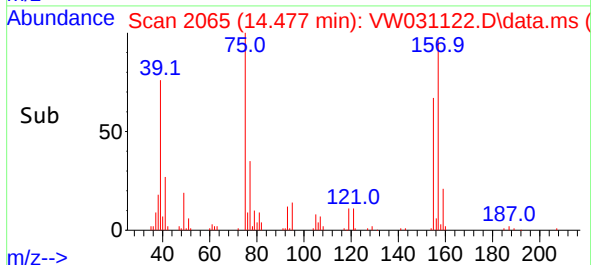
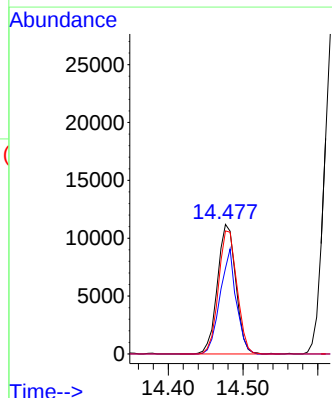
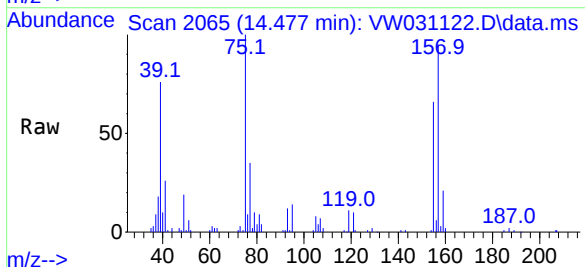
Tgt Ion: 75 Resp: 19160

Ion Ratio Lower Upper

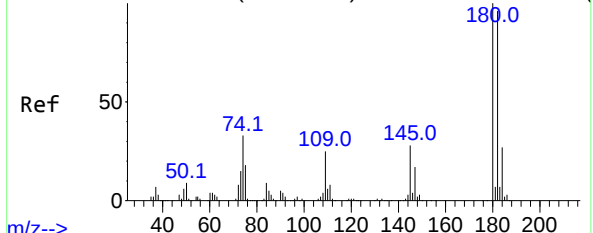
75 100

155 66.2 63.1 94.7

157 95.0 82.1 123.1



Abundance Scan 2089 (14.623 min): VW031122.D\data.ms (



#69

1,3,5-Trichlorobenzene

Concen: 25.000 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031122.D

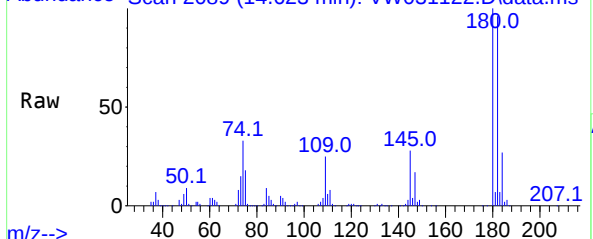
Acq: 04 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Abundance Scan 2089 (14.623 min): VW031122.D\data.ms



Tgt Ion:180 Resp: 235351

Ion Ratio Lower Upper

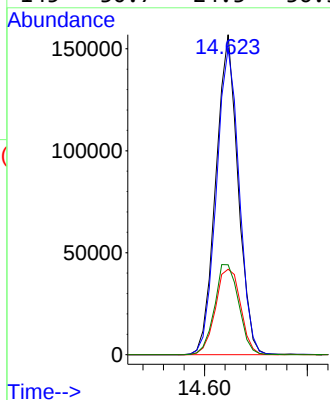
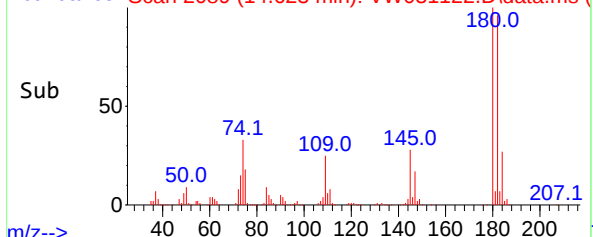
180 100

182 97.8 78.2 117.2

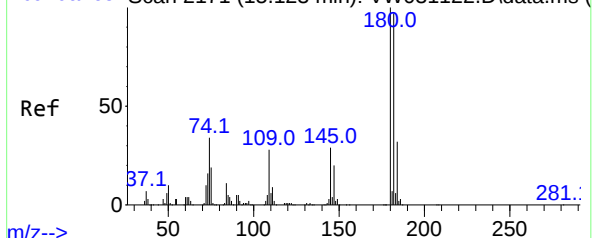
184 30.3 24.0 36.0

145 30.7 24.3 36.5

Abundance Scan 2089 (14.623 min): VW031122.D\data.ms (



Abundance Scan 2171 (15.123 min): VW031122.D\data.ms (



#70

1,2,4-trichlorobenzene

Concen: 25.000 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031122.D

Acq: 04 Dec 2024 09:51

Tgt Ion:180 Resp: 184105

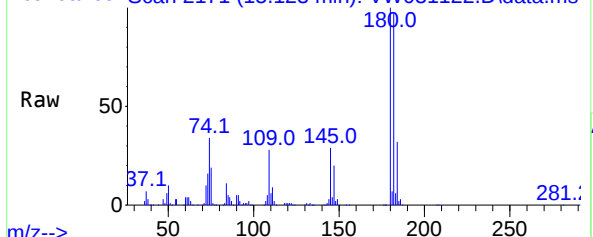
Ion Ratio Lower Upper

180 100

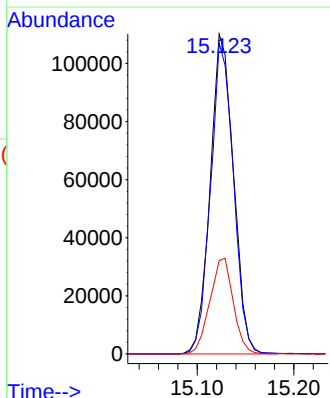
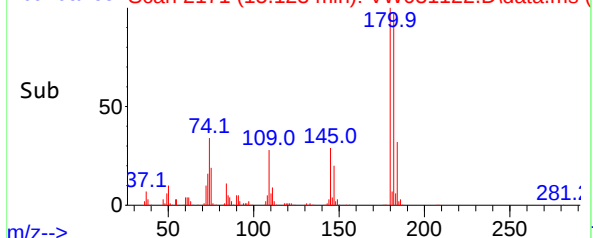
182 96.0 76.1 114.1

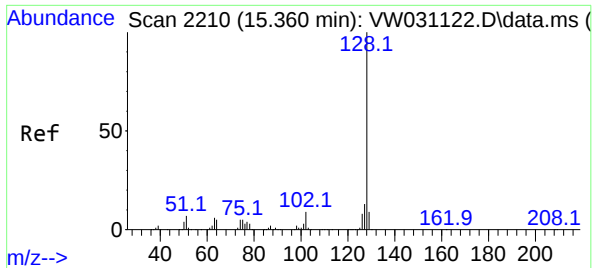
145 30.2 25.7 38.5

Abundance Scan 2171 (15.123 min): VW031122.D\data.ms



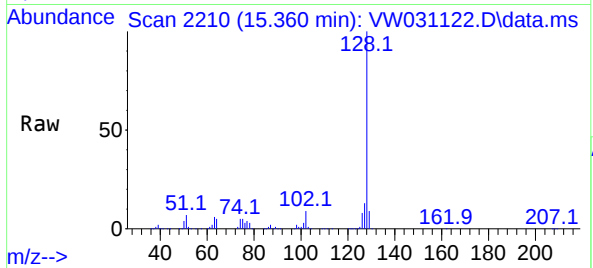
Abundance Scan 2171 (15.123 min): VW031122.D\data.ms (



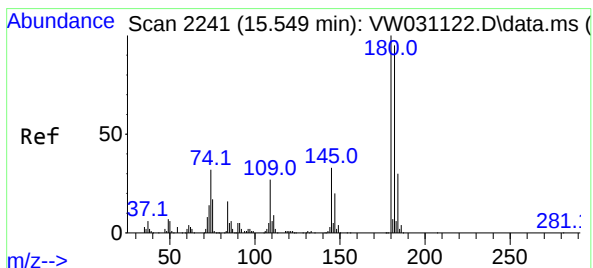
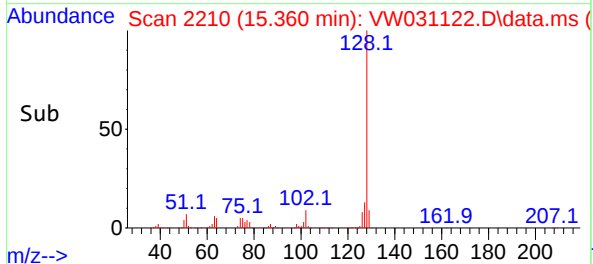
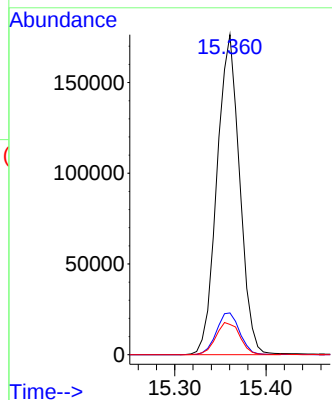


#71
Naphthalene
Concen: 25.000 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 304725
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.7 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 25.000 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031122.D
Acq: 04 Dec 2024 09:51

Tgt Ion:180 Resp: 154515
Ion Ratio Lower Upper
180 100
182 97.0 78.7 118.1
145 33.5 26.3 39.5

