

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090523\
 Data File : VW026989.D
 Acq On : 05 Sep 2023 09:34
 Operator : SY/MD
 Sample : VSTD2.528
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 06 01:33:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 06 01:32:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	756867	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	705265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	376141	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	40637	3.005	ug/L	0.00
7) Chloroethane-d5	2.893	69	28458	2.608	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	13427	2.676	ug/L	0.00
21) 2-Butanone-d5	7.087	46	5884	2.296	ug/L	0.00
24) Chloroform-d	7.642	84	57127	2.537	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	34371	2.903	ug/L	0.00
32) Benzene-d6	8.276	84	120289	2.600	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	33903	2.497	ug/L	0.00
41) Toluene-d8	10.319	98	109543	2.616	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	13048	2.476	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	5285	4.168	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	25947	2.462	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	33393	2.567	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	15053	1.724	ug/L #	77
3) Chloromethane	2.216	50	32159	2.449	ug/L	94
5) Vinyl chloride	2.369	62	37828	2.525	ug/L	97
6) Bromomethane	2.789	94	25321	2.561	ug/L	92
8) Chloroethane	2.930	64	23294	2.477	ug/L	94
9) Trichlorofluoromethane	3.265	101	19169	2.208	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	26868	2.489	ug/L #	70
12) 1,1-Dichloroethene	4.045	96	27197	2.543	ug/L	93
13) Acetone	4.118	43	17881	7.838	ug/L	93
14) Carbon disulfide	4.387	76	85889	2.504	ug/L	95
15) Methyl Acetate	4.667	43	11907	2.427	ug/L #	90
16) Methylene chloride	4.923	84	57173	3.842	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	27922	2.386	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	36320	2.228	ug/L #	91
19) 1,1-Dichloroethane	6.210	63	53244	2.413	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	30471	2.366	ug/L	95
22) 2-Butanone	7.161	43	2199	0.603	ug/L	82
23) Bromochloromethane	7.508	128	13883	2.484	ug/L	91
25) Chloroform	7.673	83	53799	2.486	ug/L	95
27) 1,2-Dichloroethane	8.325	62	752	0.055	ug/L	96
29) Cyclohexane	7.953	56	40358	2.195	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	41595	2.604	ug/L	98
31) Carbon tetrachloride	8.069	117	34842	2.447	ug/L	97
33) Benzene	8.319	78	120135	2.491	ug/L	100
34) Trichloroethene	9.087	95	31165	2.515	ug/L	88
35) Methylcyclohexane	9.331	83	46962	2.230	ug/L	98
37) 1,2-Dichloropropane	9.367	63	30208	2.454	ug/L	100
38) Bromodichloromethane	9.642	83	35421	2.444	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	40600	2.221	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	27925	4.395	ug/L	98
42) Toluene	10.386	91	113393	2.284	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	31966	2.154	ug/L	94

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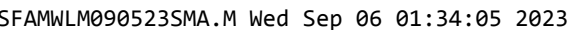
Quant Time: Sep 06 01:33:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 06 01:32:52 2023
 Response via : Initial Calibration

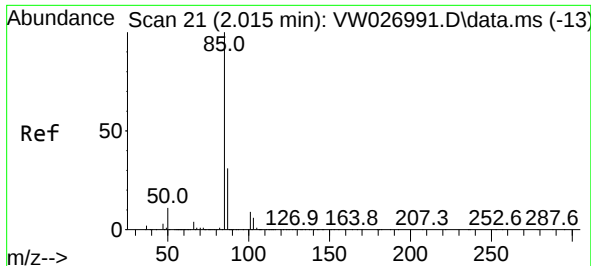
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.782	97	22271	2.512	ug/L	95
46) Tetrachloroethene	10.861	164	24245	2.563	ug/L	95
48) 2-Hexanone	10.965	43	16437	3.888	ug/L	97
49) Dibromochloromethane	11.129	129	21932	2.401	ug/L	85
50) 1,2-Dibromoethane	11.233	107	19117	2.381	ug/L #	97
51) Chlorobenzene	11.660	112	79131	2.475	ug/L	96
52) Ethylbenzene	11.727	91	123373	2.242	ug/L	98
53) m,p-Xylene	11.837	106	46634	2.240	ug/L	100
54) o-Xylene	12.166	106	40219	2.065	ug/L	91
55) Styrene	12.178	104	67951	2.044	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	25399	2.421	ug/L #	96
59) Bromoform	12.349	173	12575	2.351	ug/L #	98
60) Isopropylbenzene	12.458	105	112480	2.183	ug/L	96
61) 1,2,3-Trichloropropane	12.763	75	18252	2.537	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	81081	1.972	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	80814	2.010	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	57489	2.453	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	60869	2.555	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	53217	2.520	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	4537	2.781	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	39884	2.449	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	29473	2.223	ug/L	97
71) Naphthalene	15.360	128	43545	1.856	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	28782	2.395	ug/L	97

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

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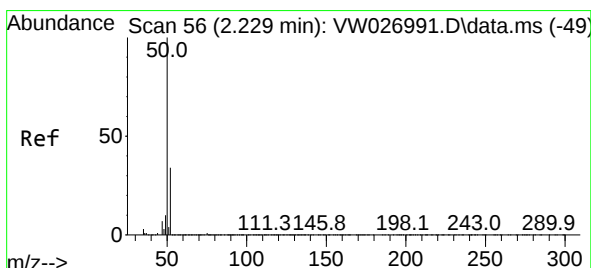
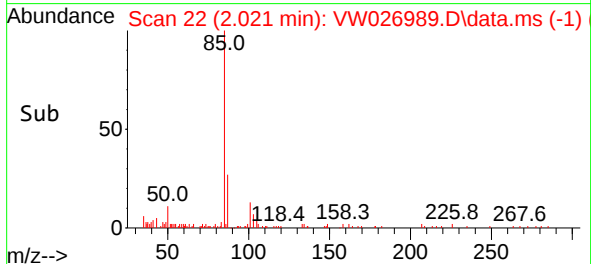
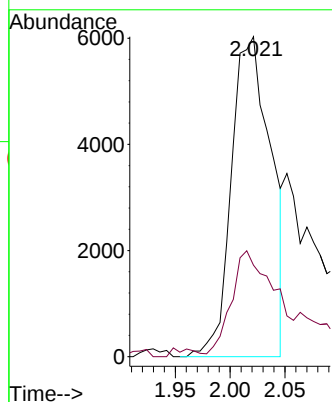
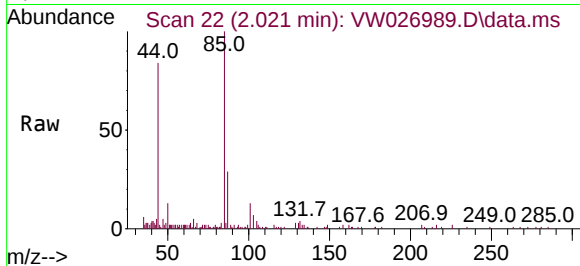




#2
 Dichlorodifluoromethane
 Concen: 1.724 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026989.D
 Acq: 05 Sep 2023 09:34

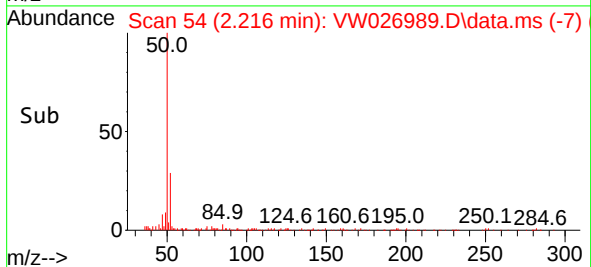
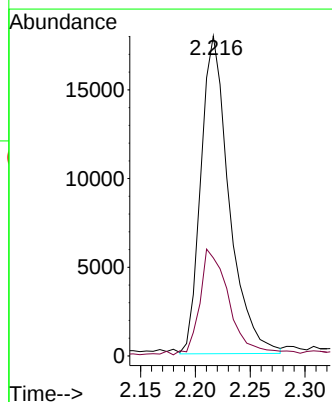
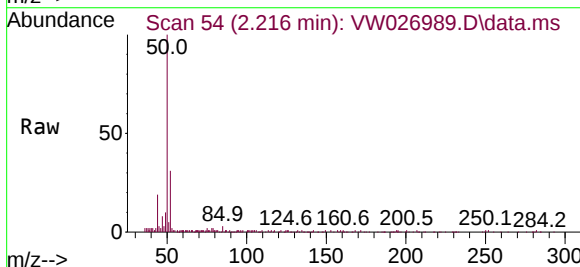
Instrument :
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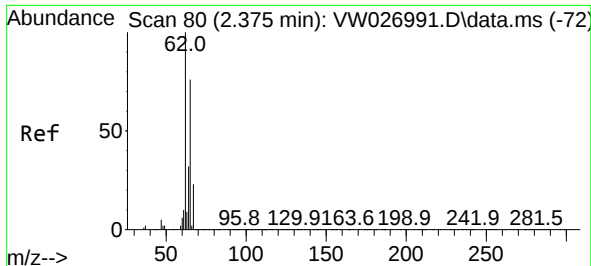
Tgt Ion: 85 Resp: 15053
 Ion Ratio Lower Upper
 85 100
 87 35.4 19.1 28.7#



#3
 Chloromethane
 Concen: 2.449 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.012 min
 Lab File: VW026989.D
 Acq: 05 Sep 2023 09:34

Tgt Ion: 50 Resp: 32159
 Ion Ratio Lower Upper
 50 100
 52 30.7 24.1 44.7

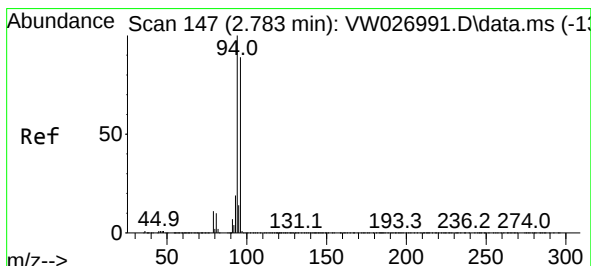
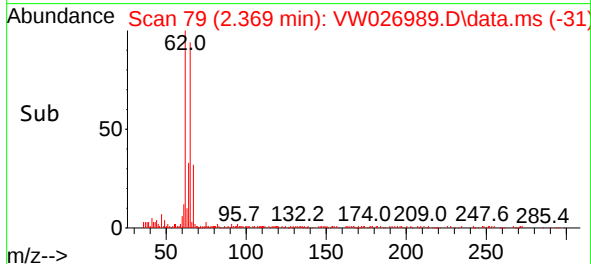
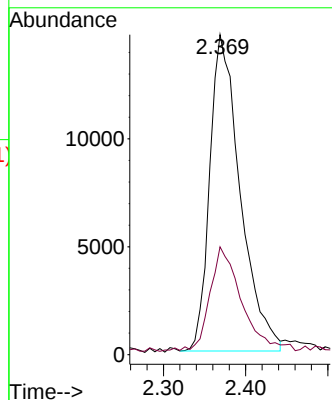
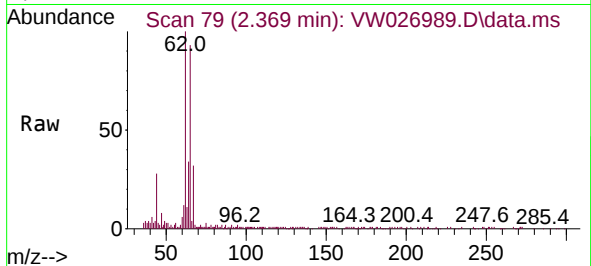




#5
 Vinyl chloride
 Concen: 2.525 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026989.D
 Acq: 05 Sep 2023 09:34

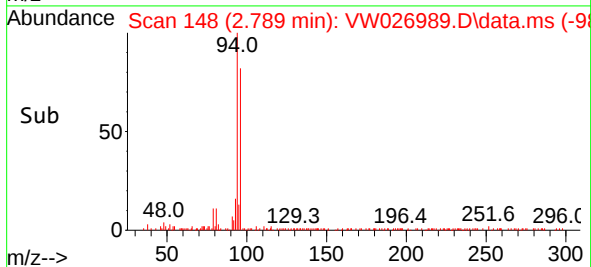
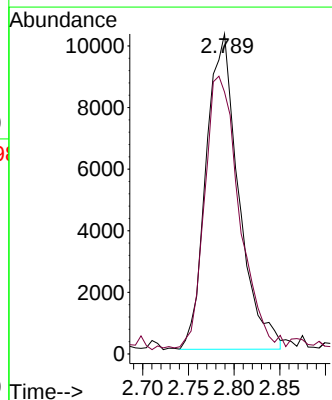
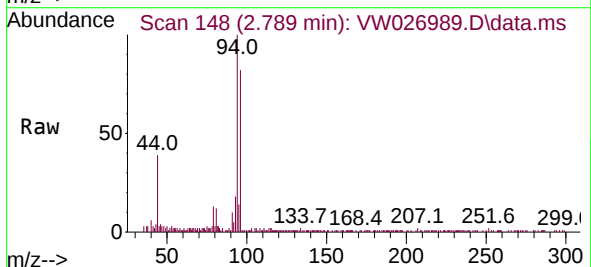
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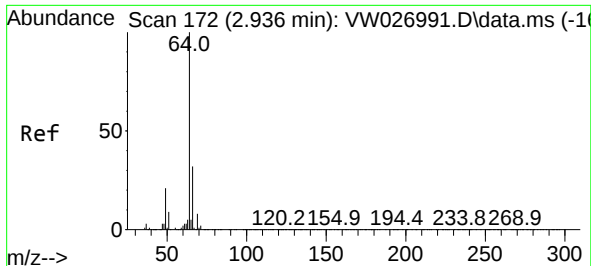
Tgt Ion: 62 Resp: 37828
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.3



#6
 Bromomethane
 Concen: 2.561 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026989.D
 Acq: 05 Sep 2023 09:34

Tgt Ion: 94 Resp: 25321
 Ion Ratio Lower Upper
 94 100
 96 81.8 62.6 116.2

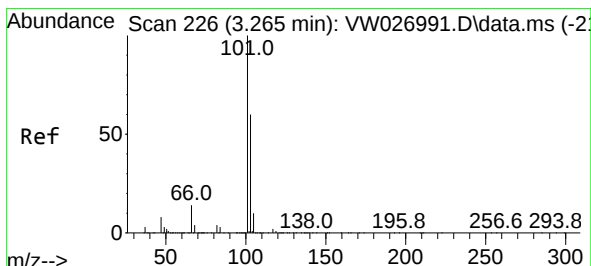
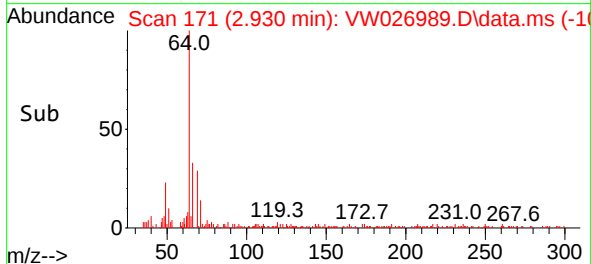
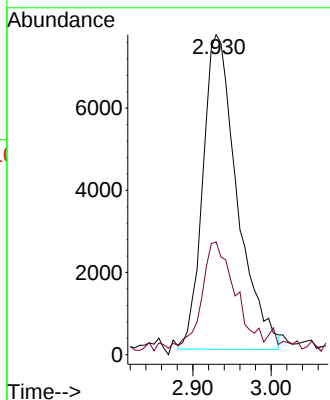
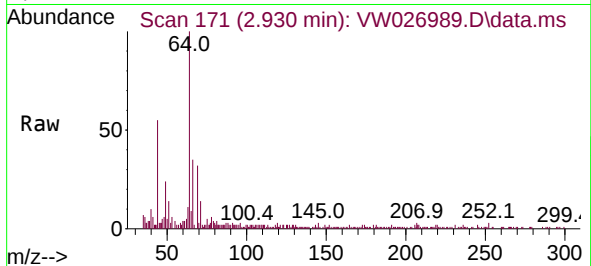




#8
Chloroethane
Concen: 2.477 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

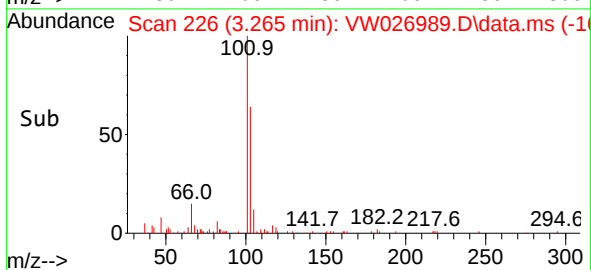
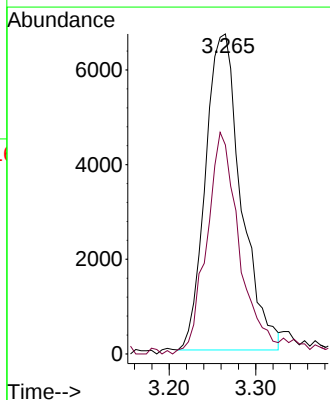
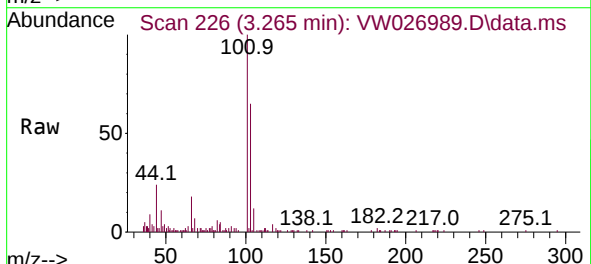
Instrument :
MSVOA_W
ClientSampleId :

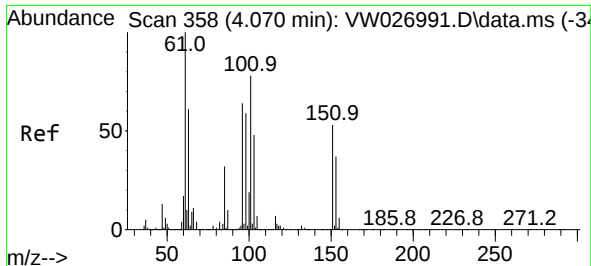
Tgt Ion: 64 Resp: 23294
Ion Ratio Lower Upper
64 100
66 35.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 2.208 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 101 Resp: 19169
Ion Ratio Lower Upper
101 100
103 64.2 50.2 75.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.489 ug/L

RT: 4.070 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

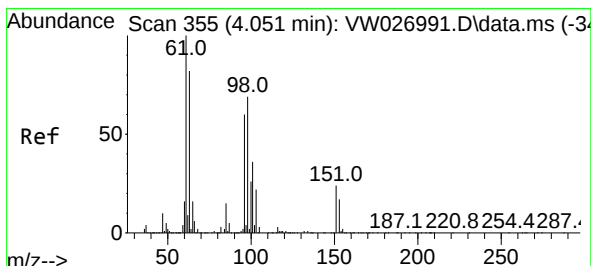
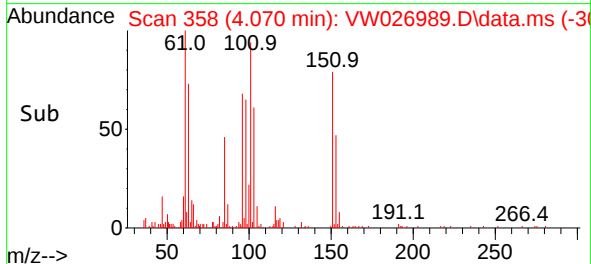
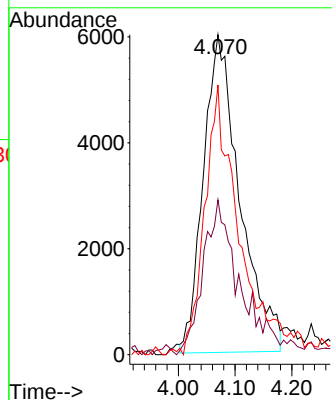
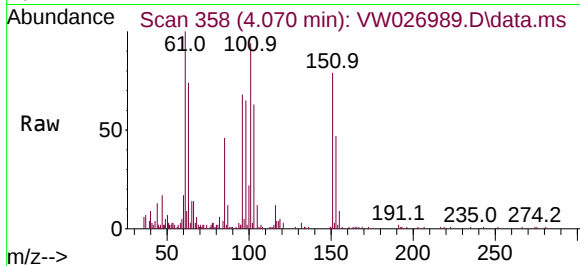
Tgt Ion:101 Resp: 26868

Ion Ratio Lower Upper

101 100

85 20.0 31.1 46.7#

151 43.6 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 2.543 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

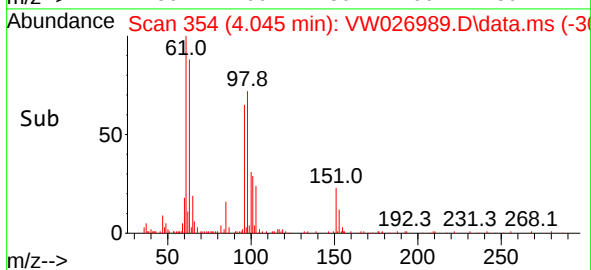
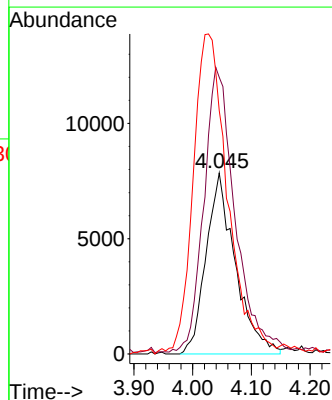
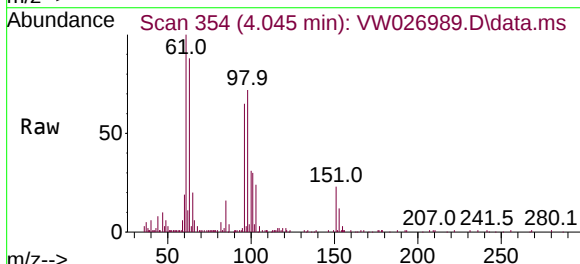
Tgt Ion: 96 Resp: 27197

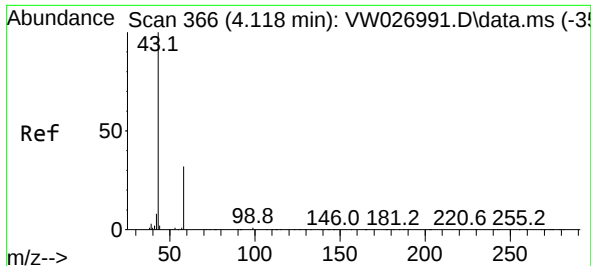
Ion Ratio Lower Upper

96 100

61 152.8 117.0 217.4

63 134.5 97.3 180.7

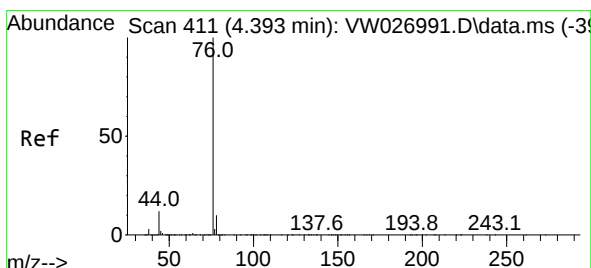
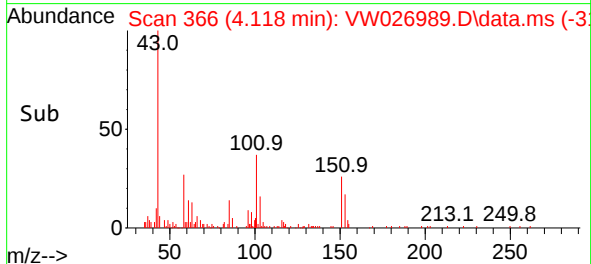
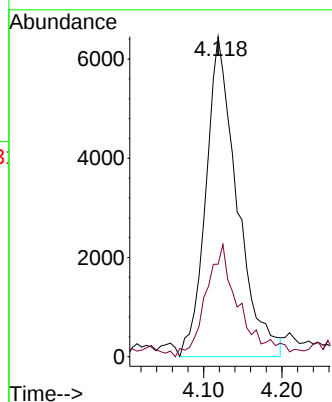
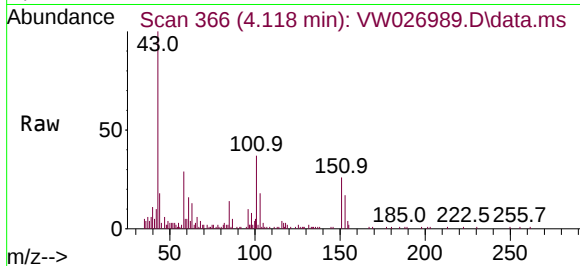




#13
Acetone
Concen: 7.838 ug/L
RT: 4.118 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

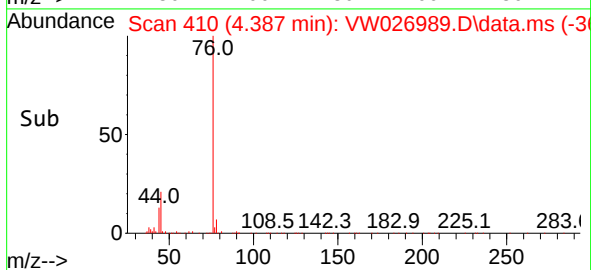
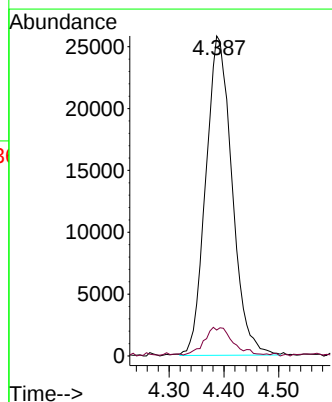
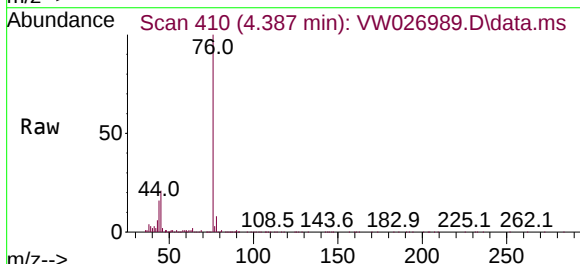
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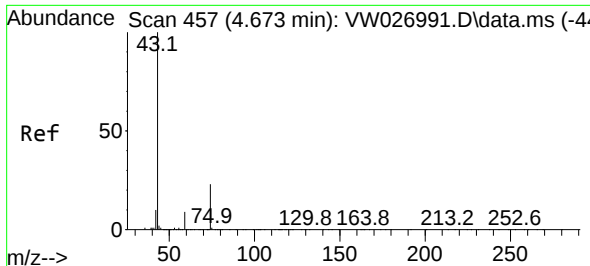
Tgt Ion: 43 Resp: 17881
Ion Ratio Lower Upper
43 100
58 29.3 0.0 66.4



#14
Carbon disulfide
Concen: 2.504 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 76 Resp: 85889
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8

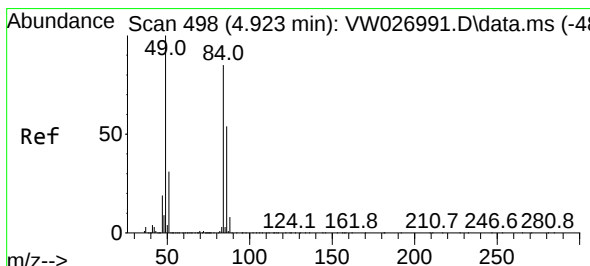
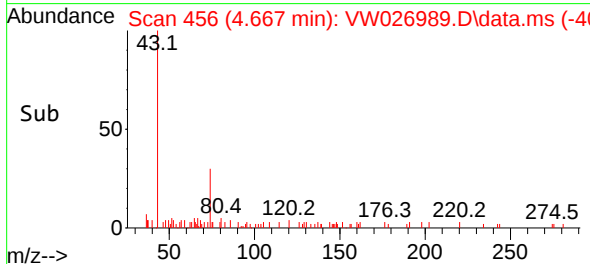
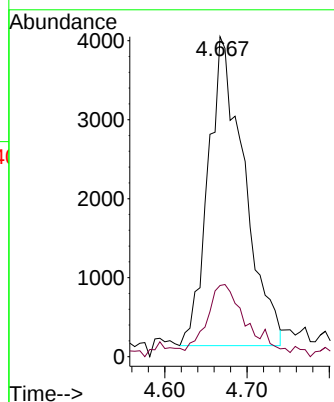
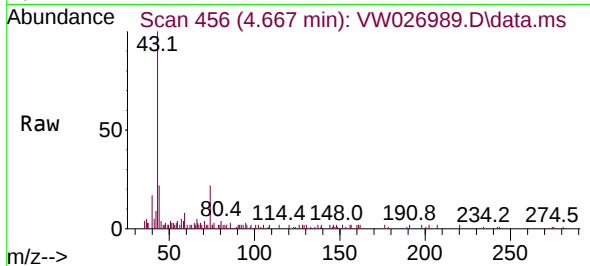




#15
Methyl Acetate
Concen: 2.427 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

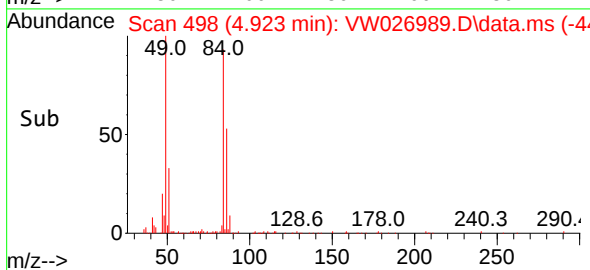
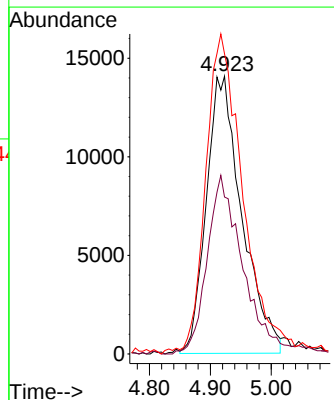
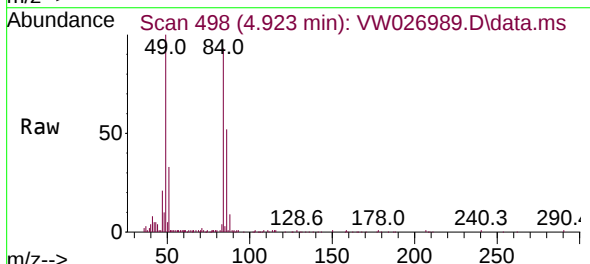
Instrument :
MSVOA_W
ClientSampleId :

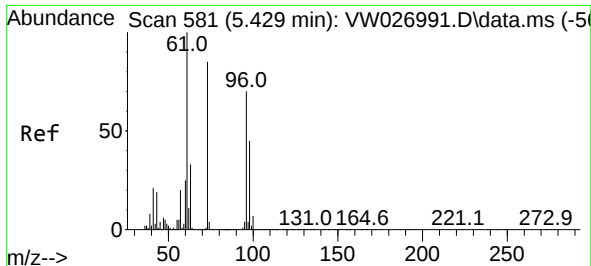
Tgt Ion: 43 Resp: 11907
Ion Ratio Lower Upper
43 100
74 23.6 0.1 0.1#



#16
Methylene chloride
Concen: 3.842 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

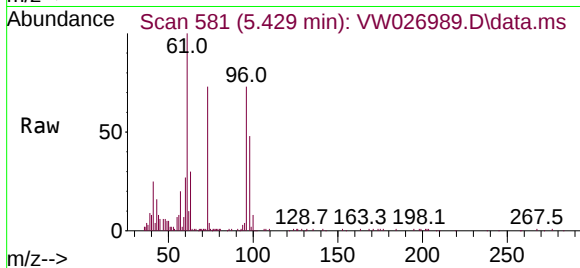
Tgt Ion: 84 Resp: 57173
Ion Ratio Lower Upper
84 100
86 56.5 44.1 81.9
49 108.1 82.1 152.5





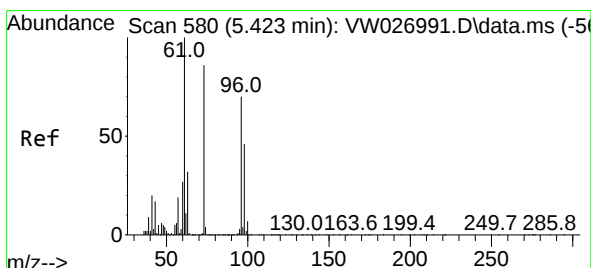
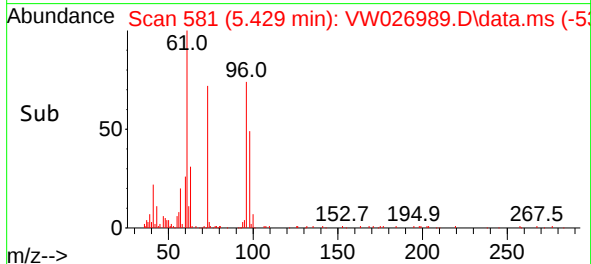
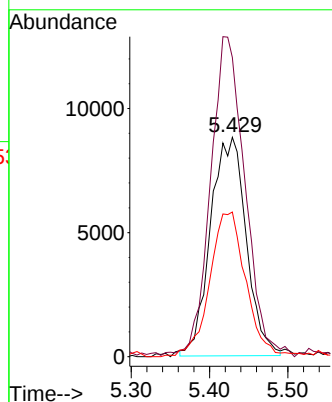
#17
trans-1,2-Dichloroethene
Concen: 2.386 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 27922

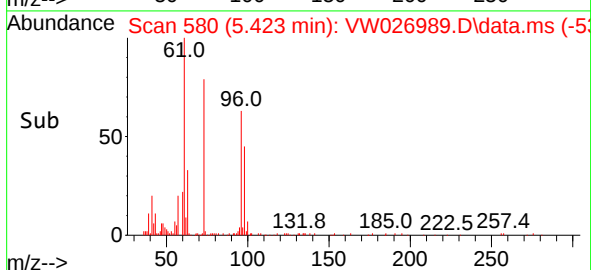
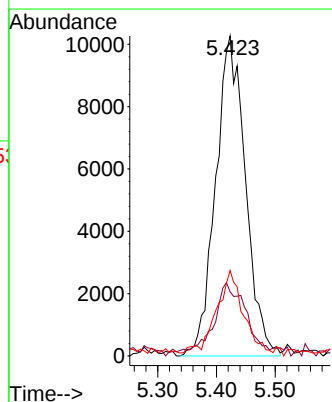
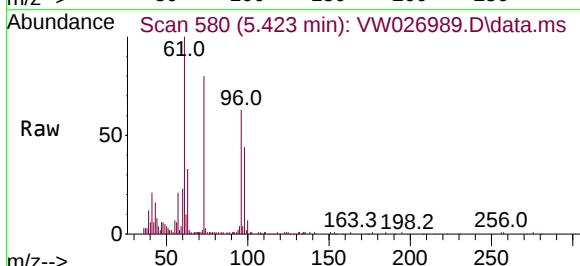
Ion	Ratio	Lower	Upper
96	100		
61	136.3	100.3	186.3
98	65.9	45.5	84.5

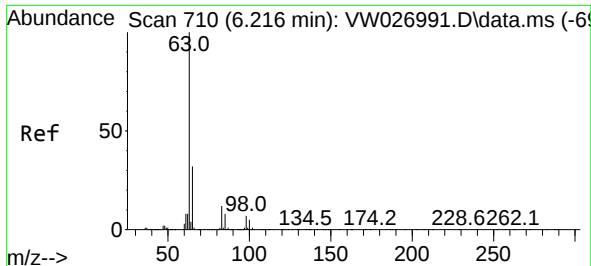


#18
Methyl tert-butyl Ether
Concen: 2.228 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 73 Resp: 36320

Ion	Ratio	Lower	Upper
73	100		
43	12.6	16.5	24.7#
57	22.1	18.5	27.7





#19

1,1-Dichloroethane

Concen: 2.413 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

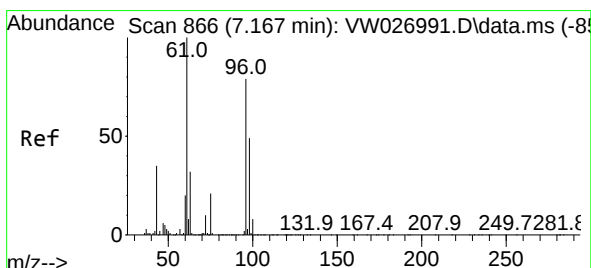
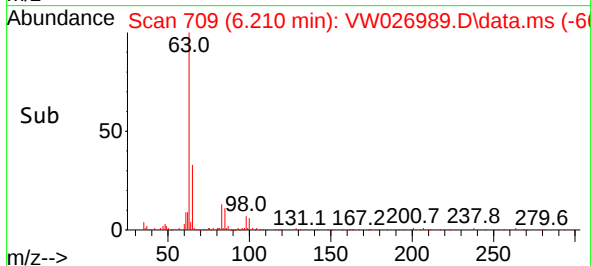
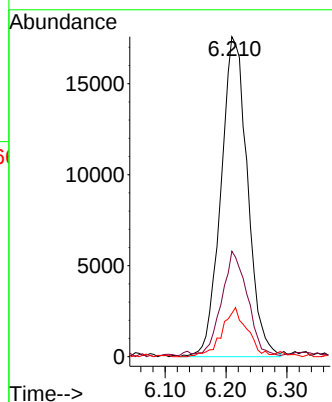
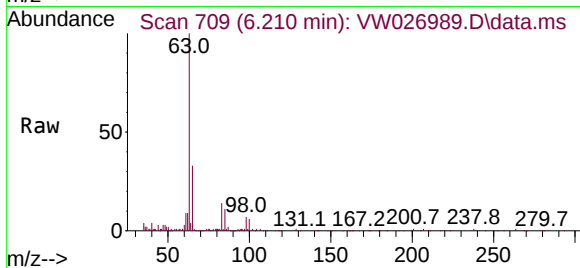
Tgt Ion: 63 Resp: 53244

Ion Ratio Lower Upper

63 100

65 32.9 22.1 41.1

83 13.5 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 2.366 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

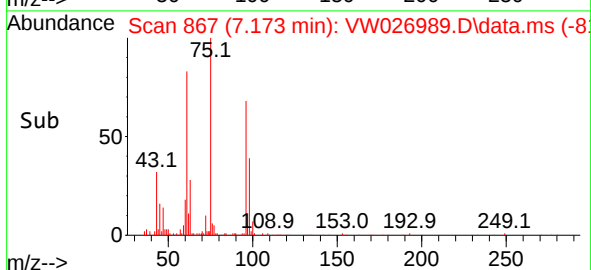
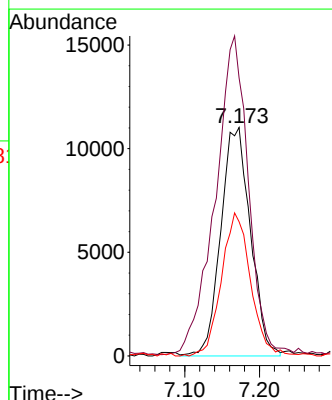
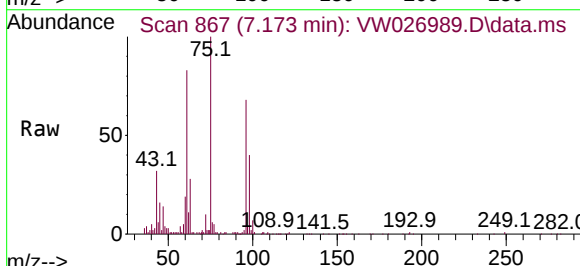
Tgt Ion: 96 Resp: 30471

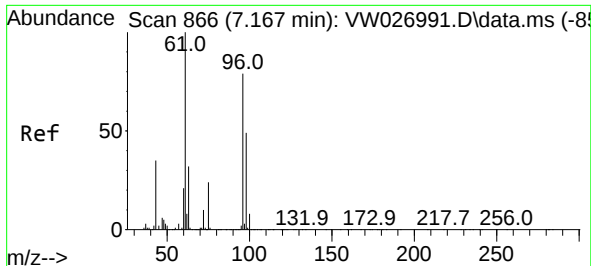
Ion Ratio Lower Upper

96 100

61 121.7 89.0 165.4

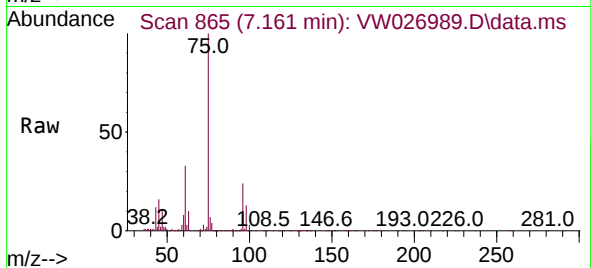
98 58.8 43.6 81.0



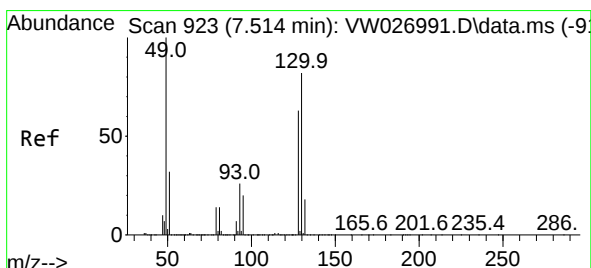
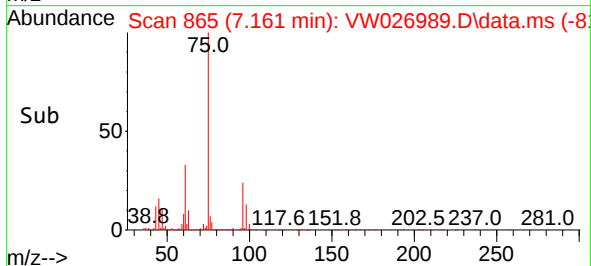


#22
2-Butanone
Concen: 0.603 ug/L
RT: 7.161 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Instrument :
MSVOA_W
ClientSampleId :

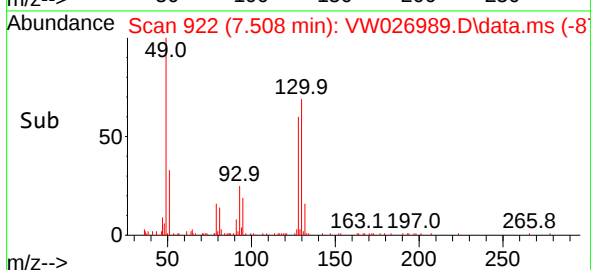
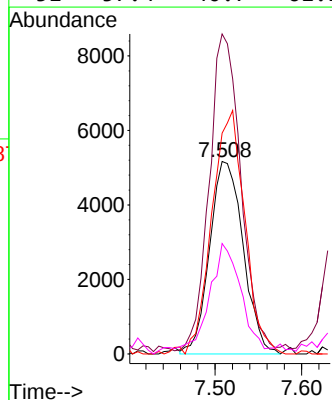
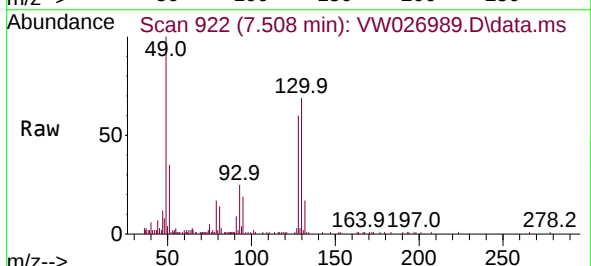


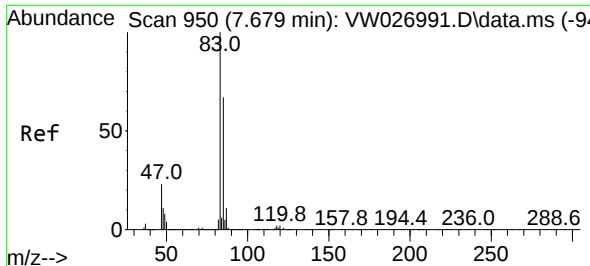
Tgt Ion: 43 Resp: 2199
Ion Ratio Lower Upper
43 100
72 38.3 14.4 43.0



#23
Bromochloromethane
Concen: 2.484 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 128 Resp: 13883
Ion Ratio Lower Upper
128 100
49 166.2 111.6 207.2
130 114.7 90.9 168.7
51 57.4 40.7 61.1

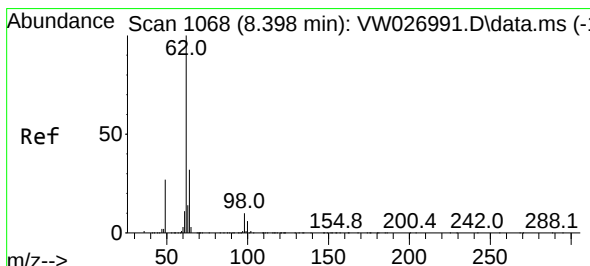
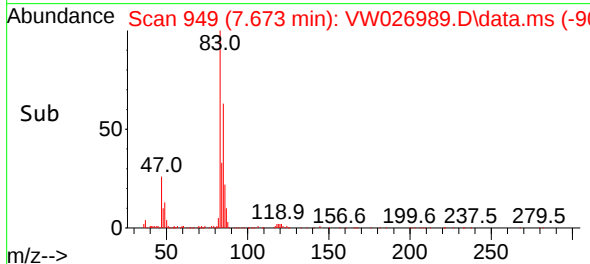
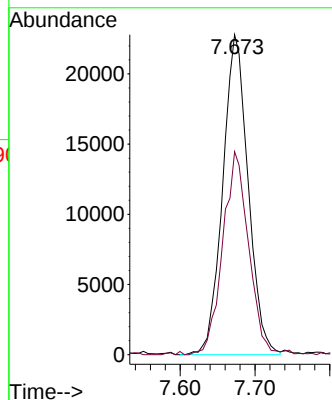
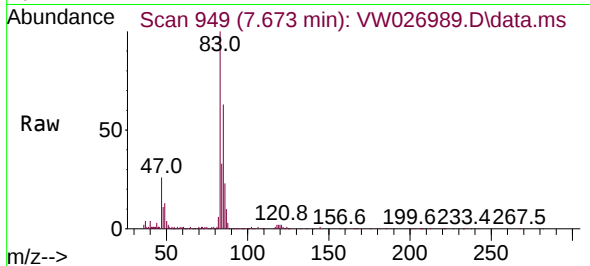




#25
Chloroform
Concen: 2.486 ug/L
RT: 7.673 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

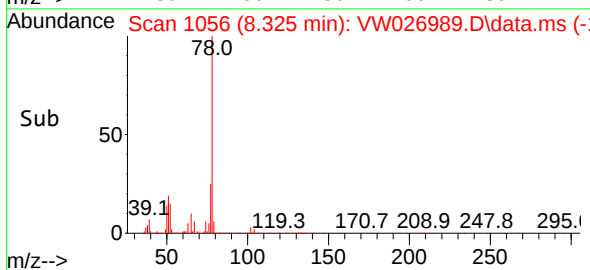
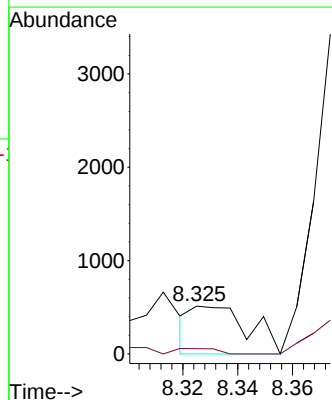
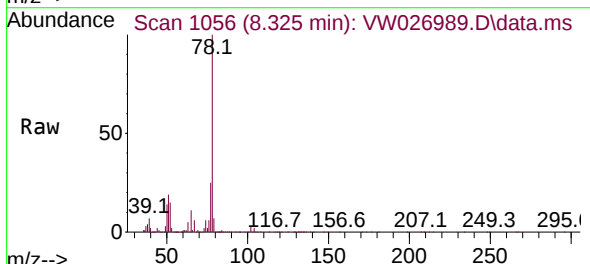
Instrument :
MSVOA_W
ClientSampleId :

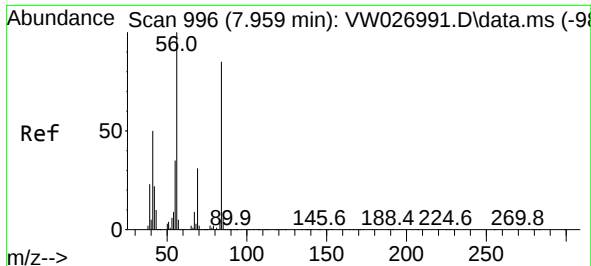
Tgt Ion: 83 Resp: 53799
Ion Ratio Lower Upper
83 100
85 63.4 47.3 87.9



#27
1,2-Dichloroethane
Concen: 0.055 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.073 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 62 Resp: 752
Ion Ratio Lower Upper
62 100
98 10.9 7.6 11.4

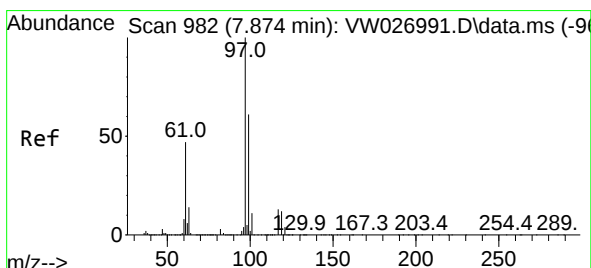
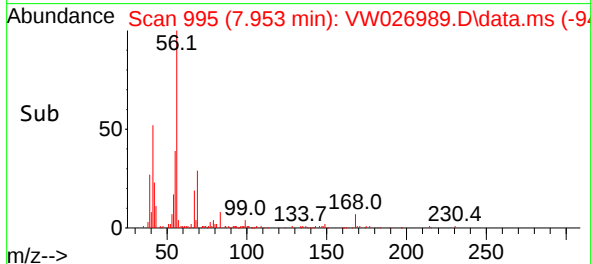
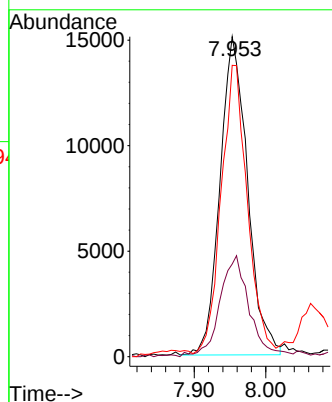
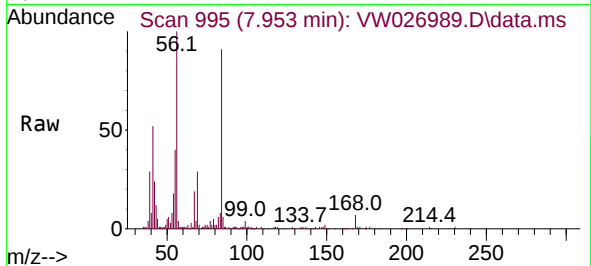




#29
Cyclohexane
Concen: 2.195 ug/L
RT: 7.953 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

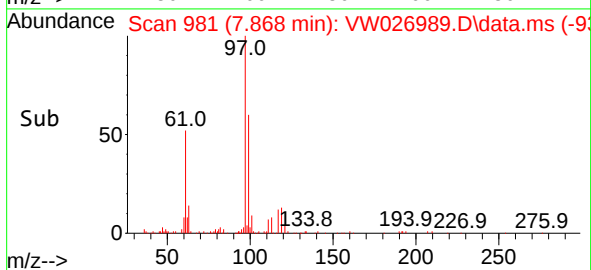
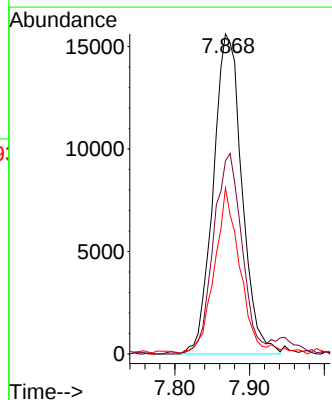
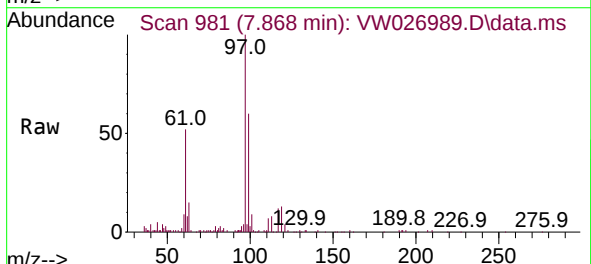
Instrument :
MSVOA_W
ClientSampleId :

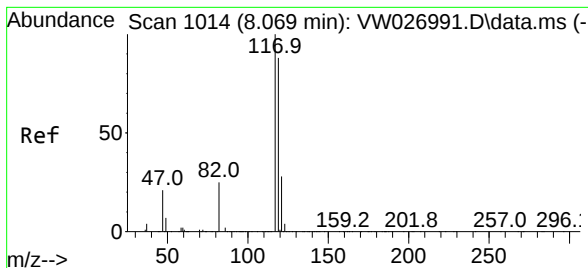
Tgt Ion: 56 Resp: 40358
Ion Ratio Lower Upper
56 100
69 32.4 24.8 37.2
84 88.2 68.2 102.4



#30
1,1,1-Trichloroethane
Concen: 2.604 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 97 Resp: 41595
Ion Ratio Lower Upper
97 100
99 62.1 50.8 76.2
61 45.7 37.6 56.4





#31

Carbon tetrachloride

Concen: 2.447 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

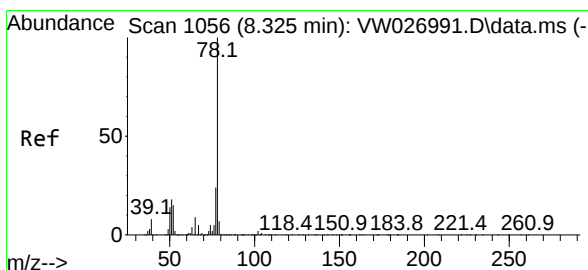
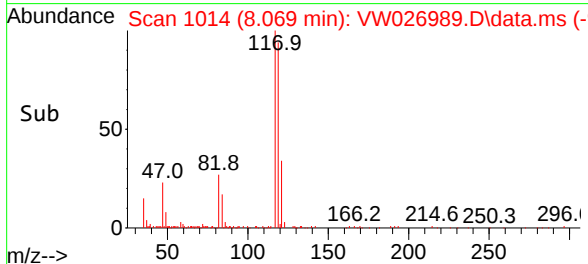
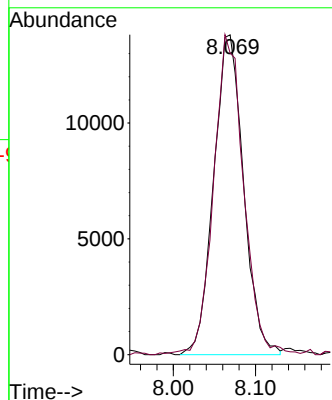
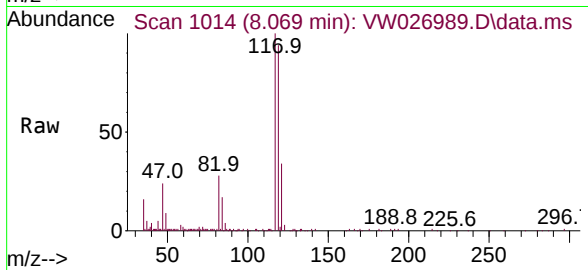
ClientSampleId :

Tgt Ion:117 Resp: 34842

Ion Ratio Lower Upper

117 100

119 98.4 76.1 114.1



#33

Benzene

Concen: 2.491 ug/L

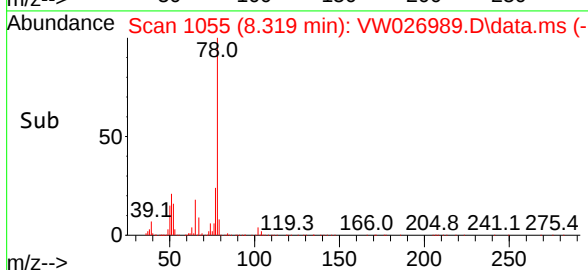
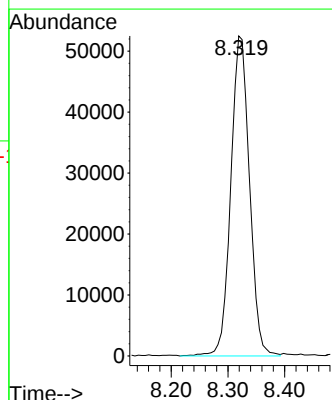
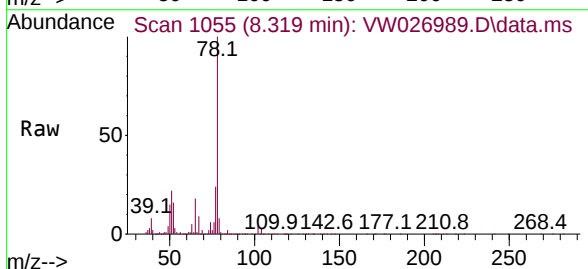
RT: 8.319 min Scan# 1055

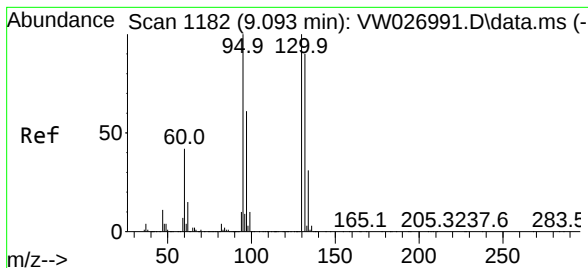
Delta R.T. -0.006 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Tgt Ion: 78 Resp: 120135





#34

Trichloroethene

Concen: 2.515 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

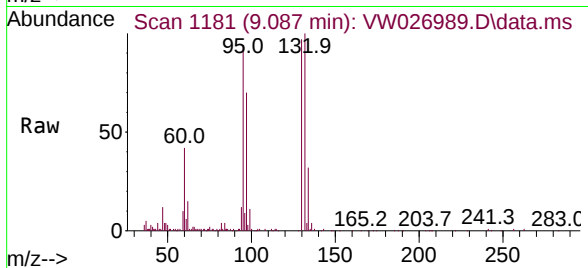
Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 31165

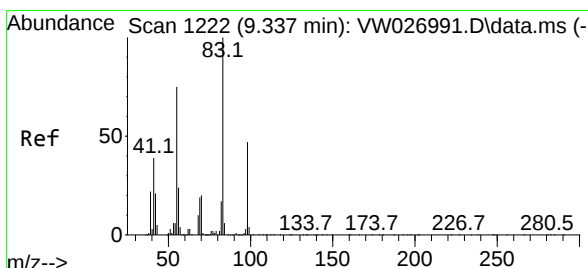
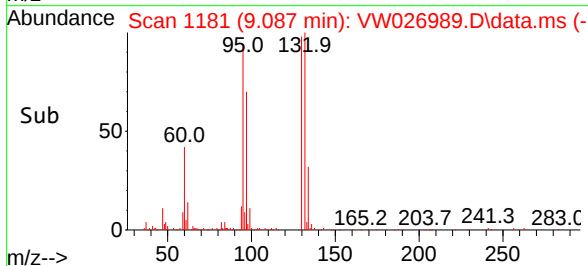
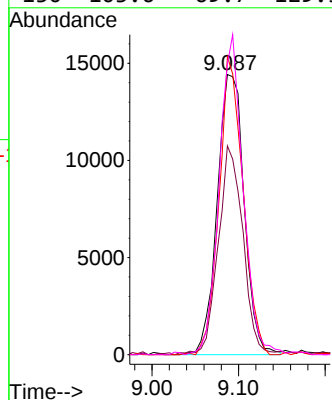
Ion Ratio Lower Upper

95 100

97 74.5 42.4 78.8

132 106.3 63.1 117.3

130 103.6 69.7 129.5



#35

Methylcyclohexane

Concen: 2.230 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

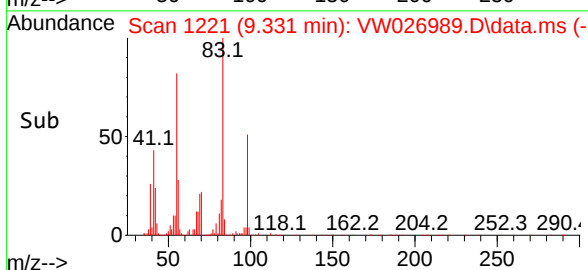
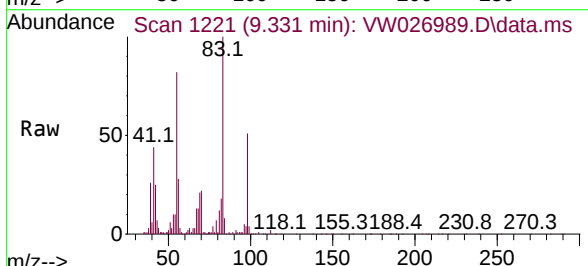
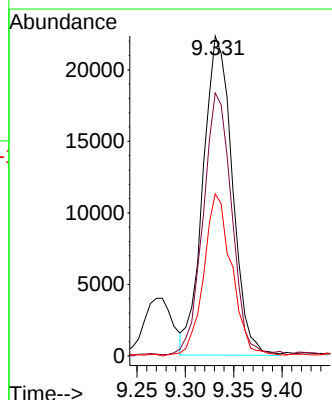
Tgt Ion: 83 Resp: 46962

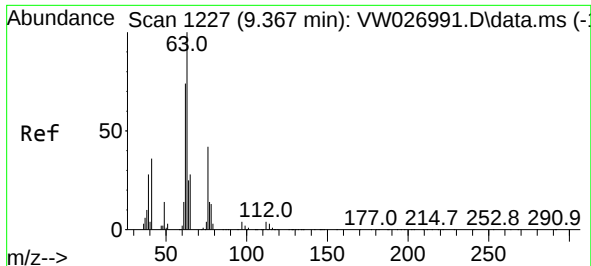
Ion Ratio Lower Upper

83 100

55 80.0 61.7 92.5

98 48.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 2.454 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

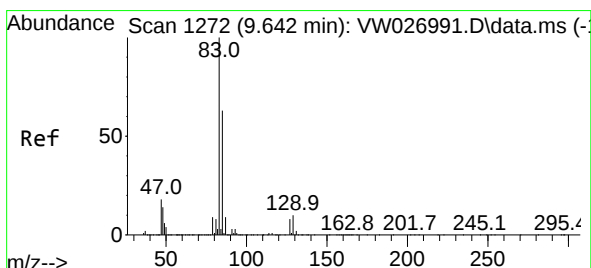
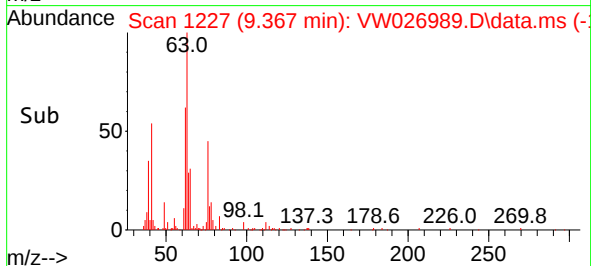
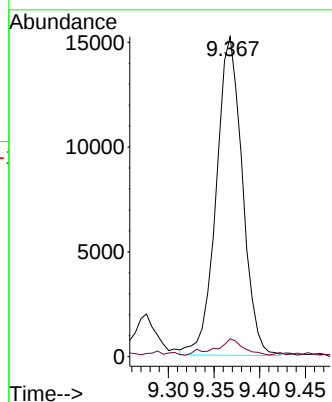
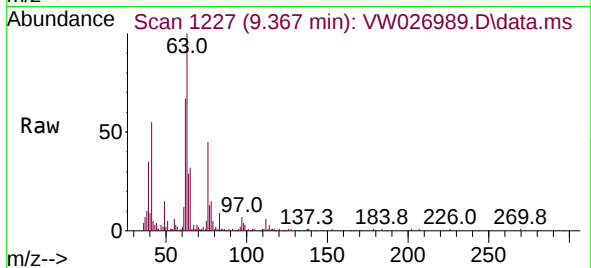
ClientSampleId :

Tgt Ion: 63 Resp: 30208

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 2.444 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

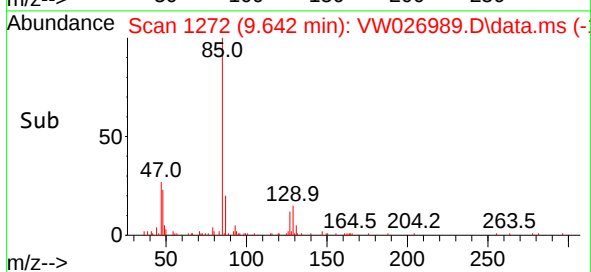
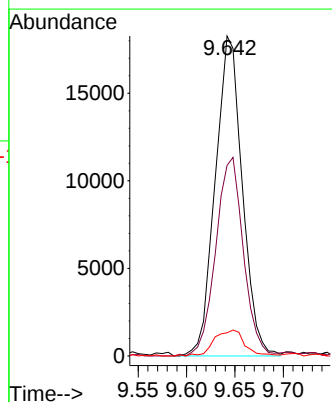
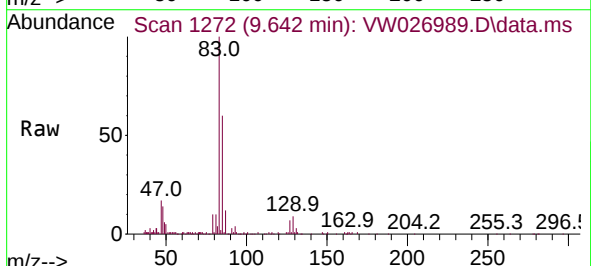
Tgt Ion: 83 Resp: 35421

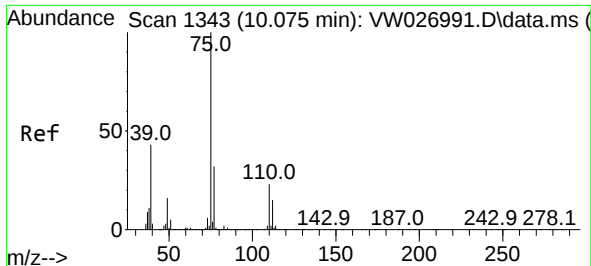
Ion Ratio Lower Upper

83 100

85 59.6 44.4 82.4

127 7.3 6.0 9.0

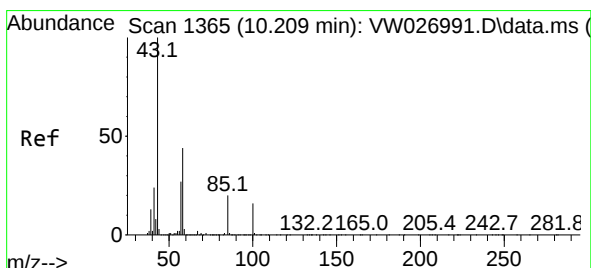
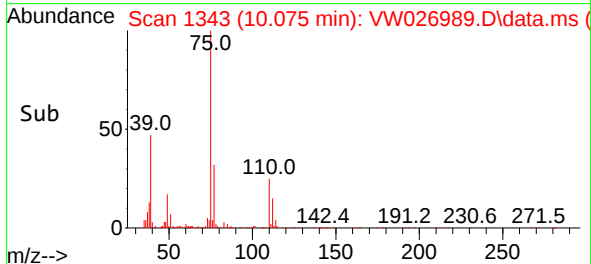
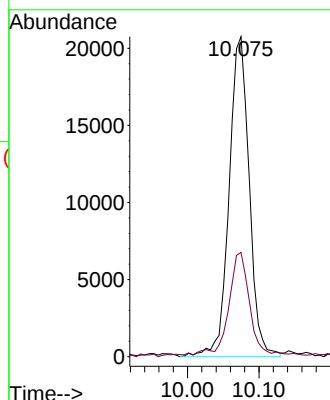
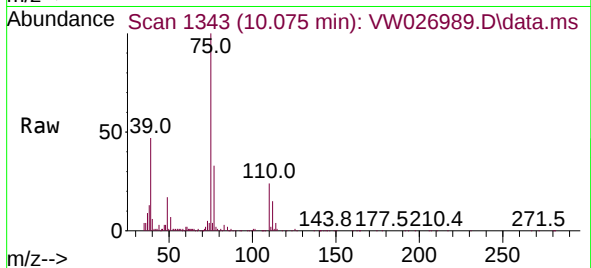




#39
cis-1,3-Dichloropropene
Concen: 2.221 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

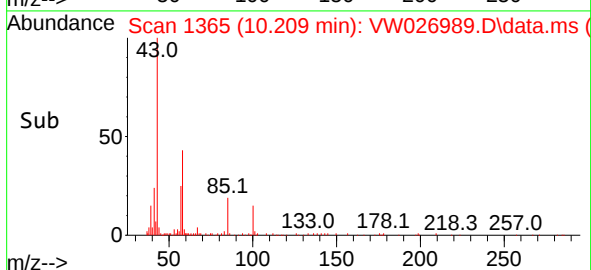
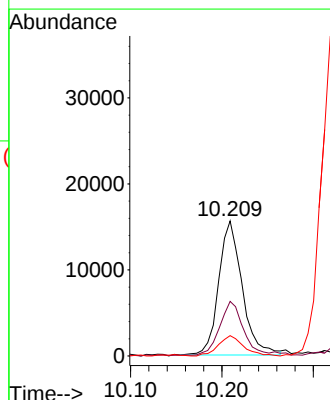
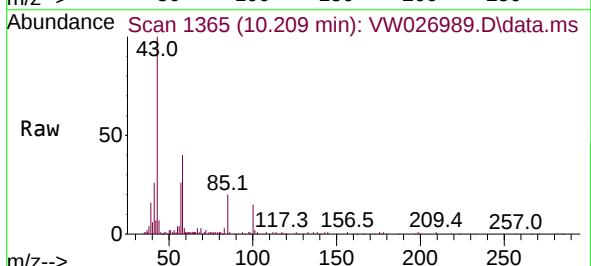
Instrument :
MSVOA_W
ClientSampleId :

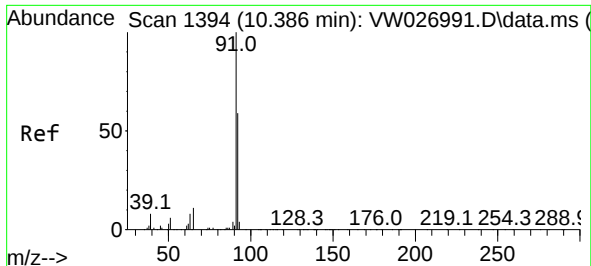
Tgt Ion: 75 Resp: 40600
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 4.395 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 43 Resp: 27925
Ion Ratio Lower Upper
43 100
58 40.5 33.4 50.2
100 16.1 13.0 19.4

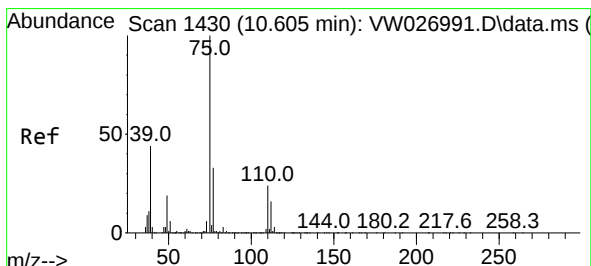
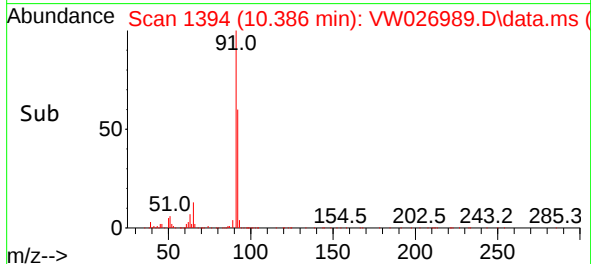
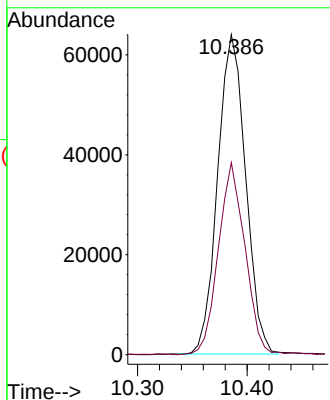
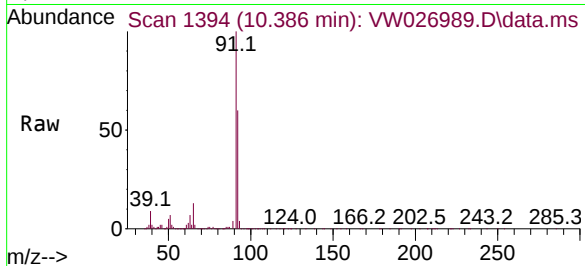




#42
Toluene
Concen: 2.284 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

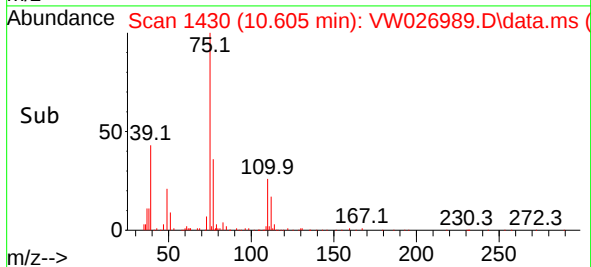
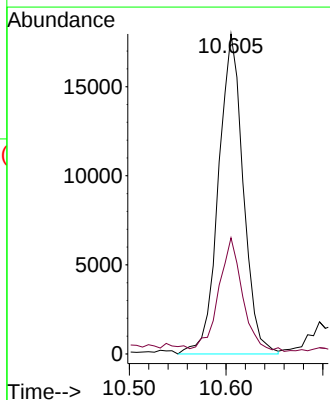
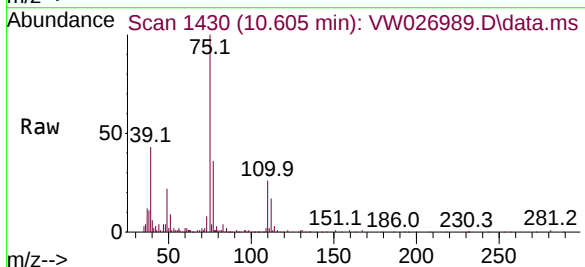
Instrument :
MSVOA_W
ClientSampleId :

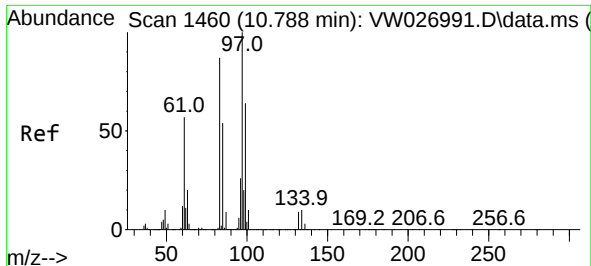
Tgt Ion: 91 Resp: 113393
Ion Ratio Lower Upper
91 100
92 60.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 2.154 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 75 Resp: 31966
Ion Ratio Lower Upper
75 100
77 36.3 23.0 42.6

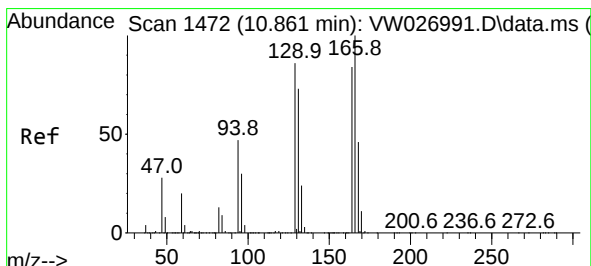
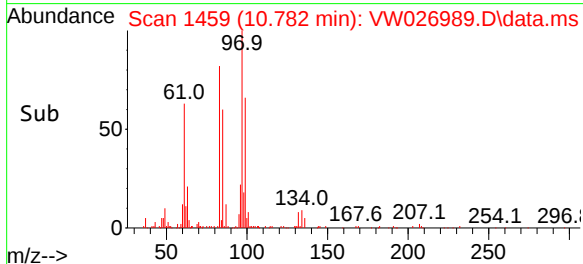
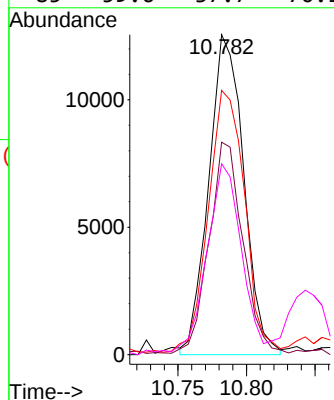
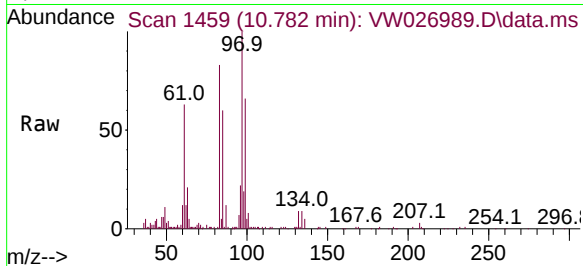




#45
1,1,2-Trichloroethane
Concen: 2.512 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

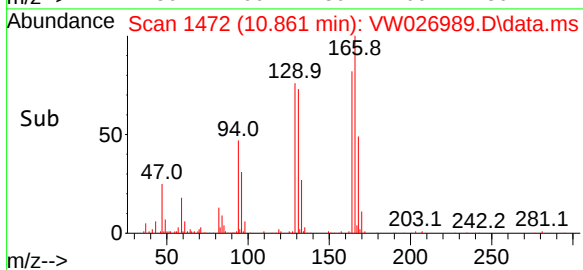
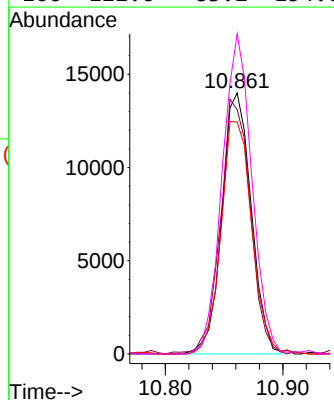
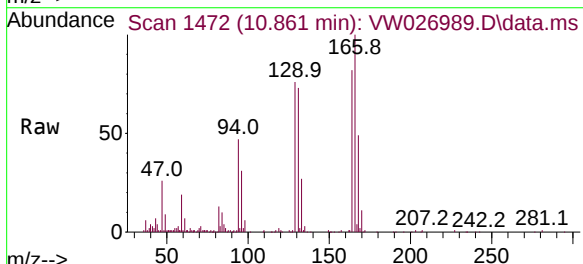
Instrument :
MSVOA_W
ClientSampleId :

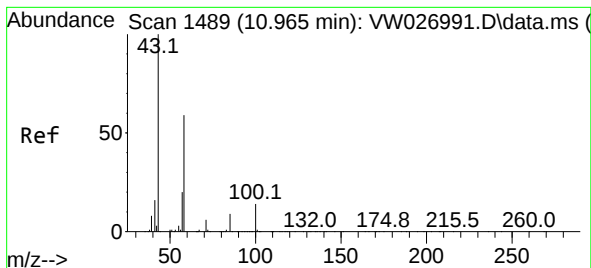
Tgt Ion: 97	Resp: 22271
Ion Ratio	Lower Upper
97 100	
99 66.4	44.7 82.9
83 82.6	60.9 113.1
85 59.6	37.7 70.1



#46
Tetrachloroethene
Concen: 2.563 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt	Ion:164	Resp:	24245
Ion	Ratio	Lower	Upper
164	100		
129	93.6	71.4	132.6
131	88.9	60.8	113.0
166	122.6	83.2	154.6





#48

2-Hexanone

Concen: 3.888 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 16437

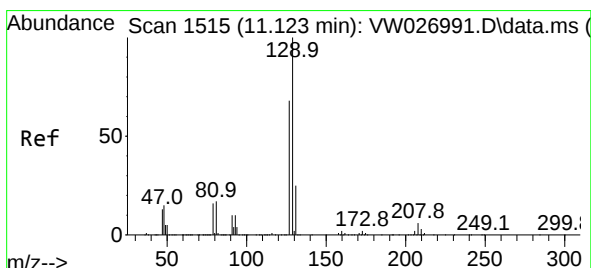
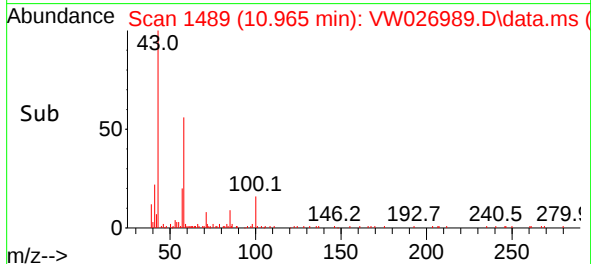
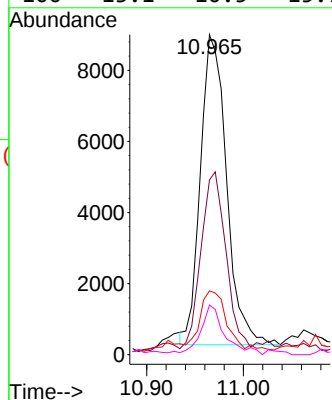
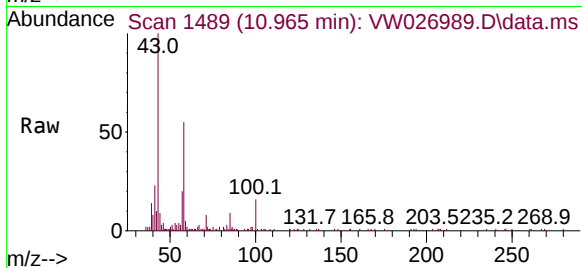
Ion Ratio Lower Upper

43 100

58 56.7 47.5 71.3

57 17.7 15.2 22.8

100 13.1 10.5 15.7



#49

Dibromochloromethane

Concen: 2.401 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW026989.D

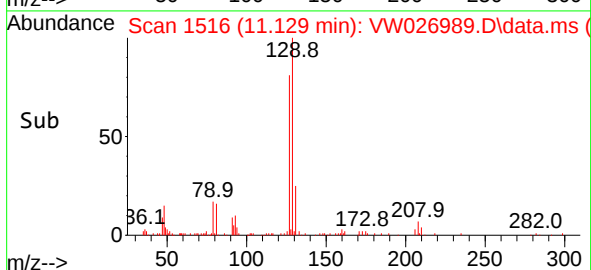
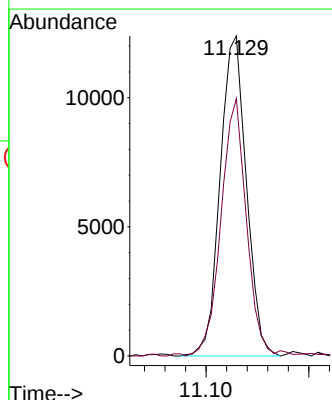
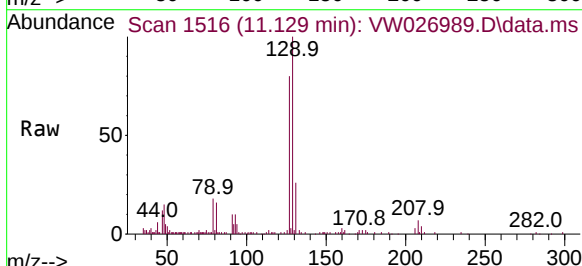
Acq: 05 Sep 2023 09:34

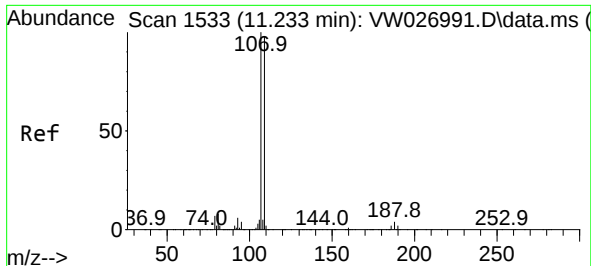
Tgt Ion: 129 Resp: 21932

Ion Ratio Lower Upper

129 100

127 80.4 47.5 88.3





#50

1,2-Dibromoethane

Concen: 2.381 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

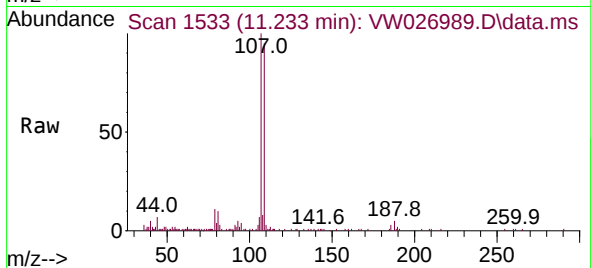
Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :



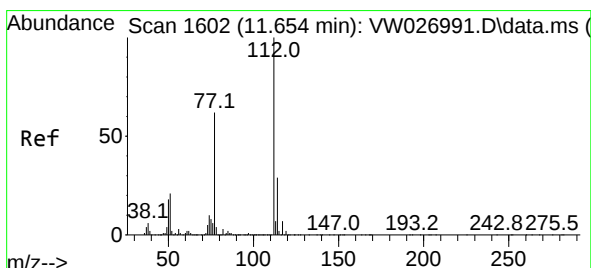
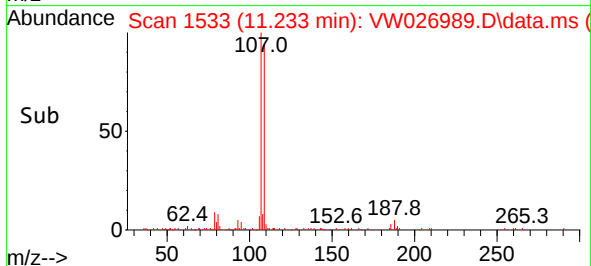
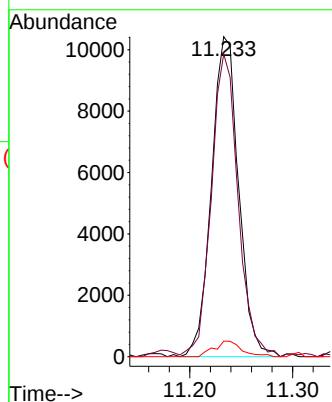
Tgt Ion:107 Resp: 19117

Ion Ratio Lower Upper

107 100

109 94.6 68.5 127.1

188 4.9 2.9 4.3#



#51

Chlorobenzene

Concen: 2.475 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

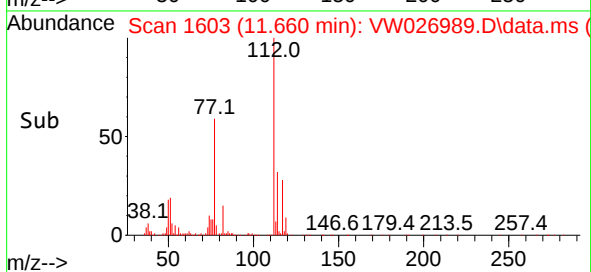
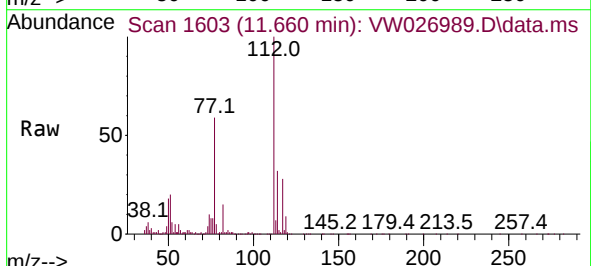
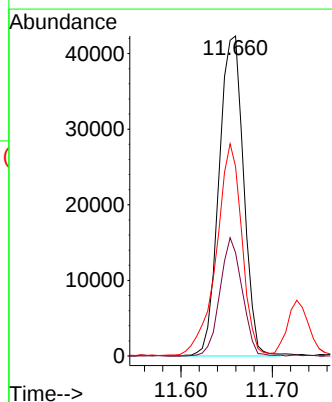
Tgt Ion:112 Resp: 79131

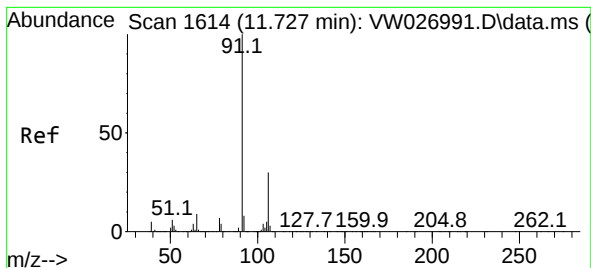
Ion Ratio Lower Upper

112 100

114 32.2 20.5 38.1

77 59.2 49.5 74.3

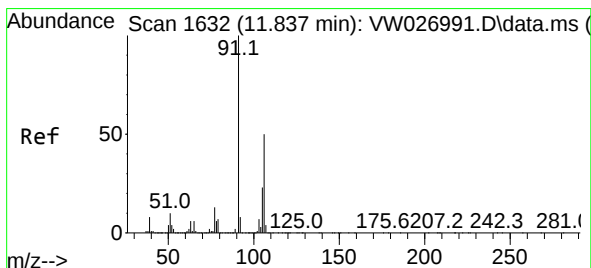
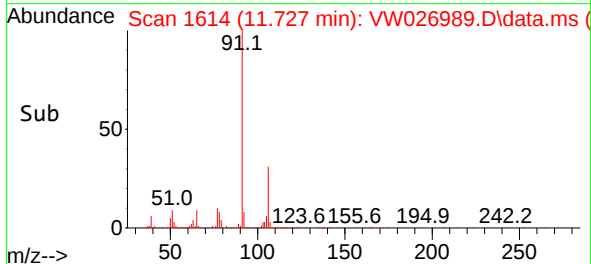
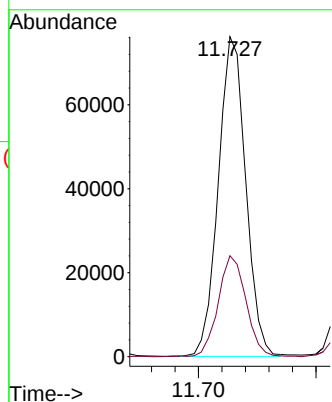
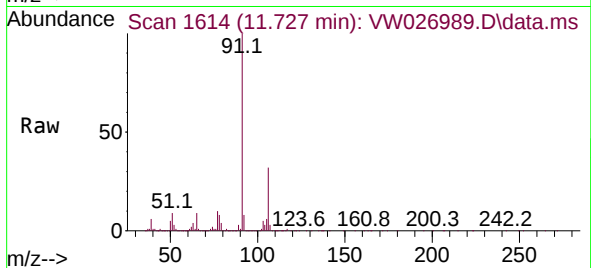




#52
Ethylbenzene
Concen: 2.242 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

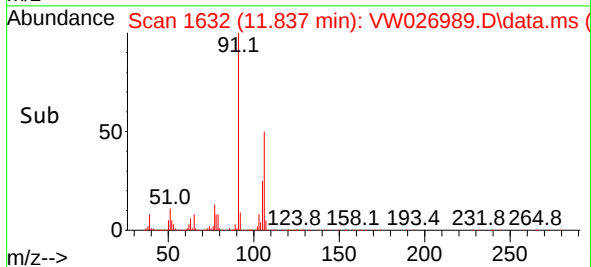
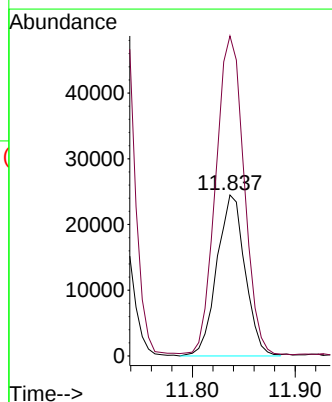
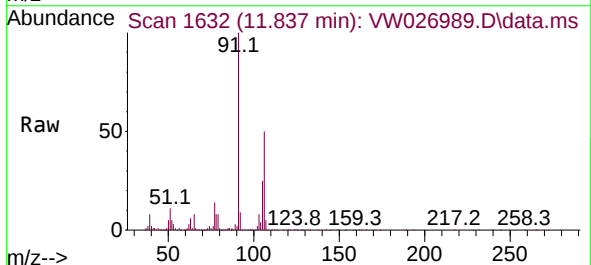
Instrument :
MSVOA_W
ClientSampleId :

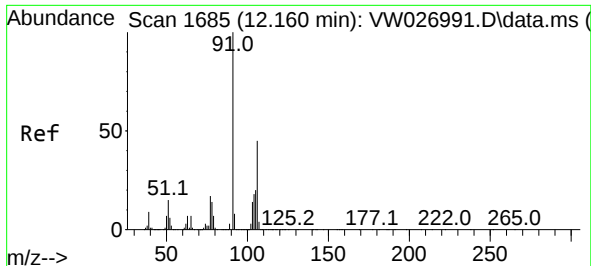
Tgt Ion: 91 Resp: 123373
Ion Ratio Lower Upper
91 100
106 31.6 21.1 39.3



#53
m,p-Xylene
Concen: 2.240 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 106 Resp: 46634
Ion Ratio Lower Upper
106 100
91 198.8 139.6 259.2

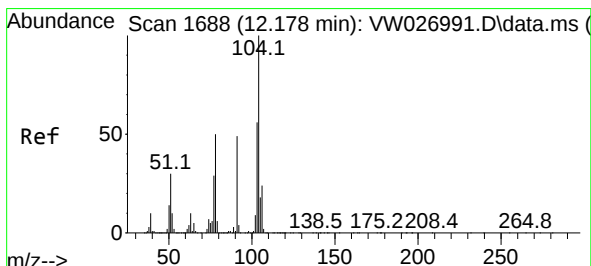
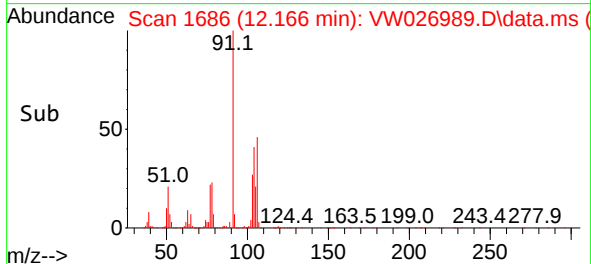
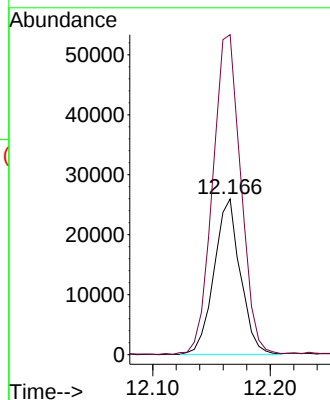
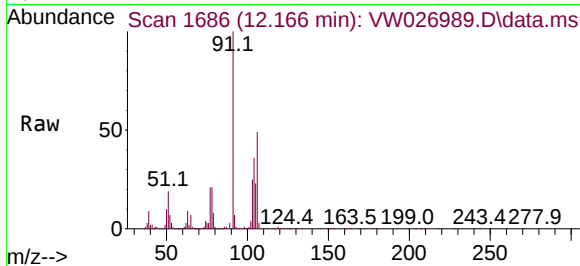




#54
o-Xylene
Concen: 2.065 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

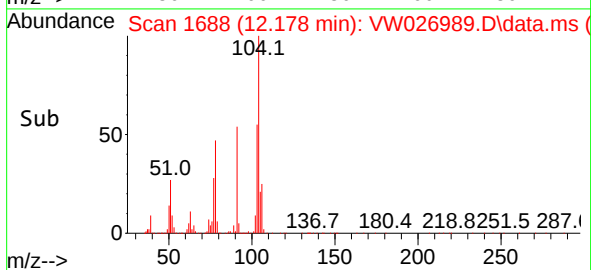
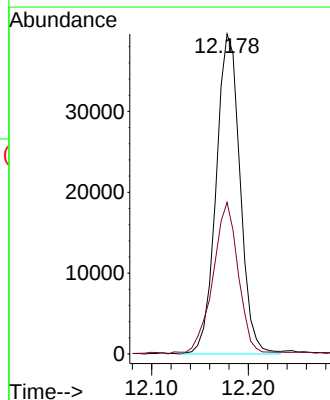
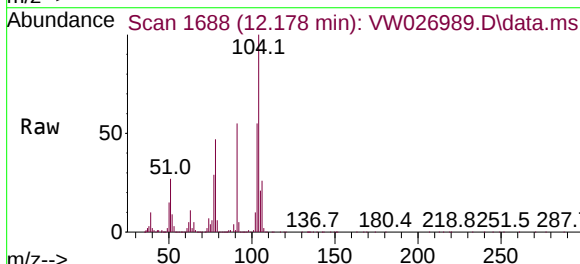
Instrument :
MSVOA_W
ClientSampleId :

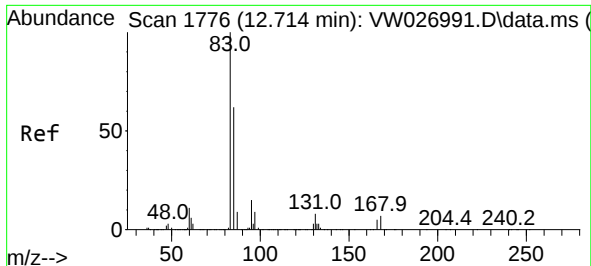
Tgt Ion:106 Resp: 40219
Ion Ratio Lower Upper
106 100
91 205.6 154.0 286.0



#55
Styrene
Concen: 2.044 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion:104 Resp: 67951
Ion Ratio Lower Upper
104 100
78 47.4 35.2 65.4





#57

1,1,2,2-Tetrachloroethane

Concen: 2.421 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026989.D

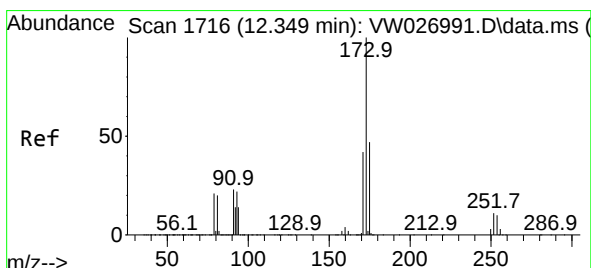
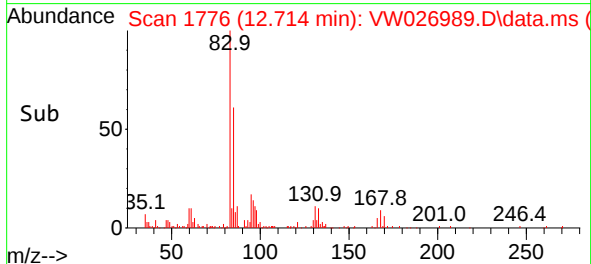
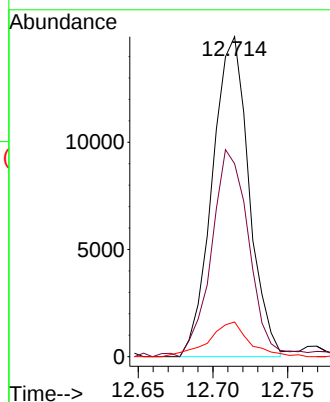
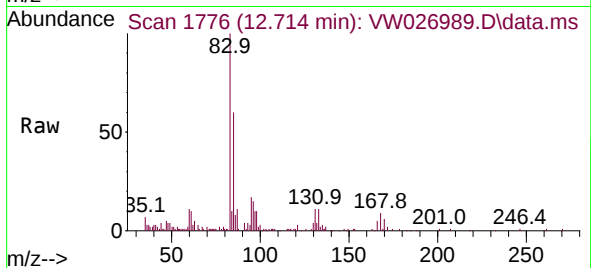
Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	25399
Ion	Ratio	Lower	Upper
83	100		
85	60.3	44.1	81.9
131	10.8	7.2	10.8#



#59

Bromoform

Concen: 2.351 ug/L

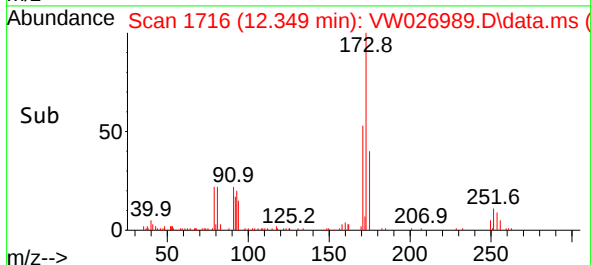
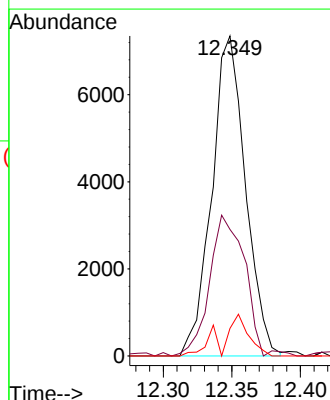
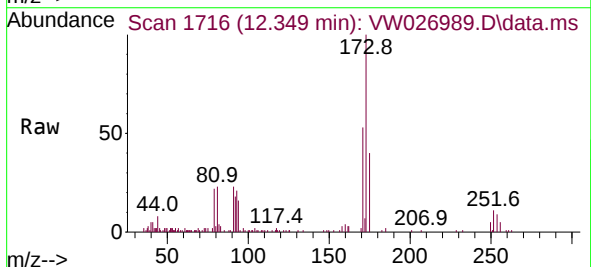
RT: 12.349 min Scan# 1716

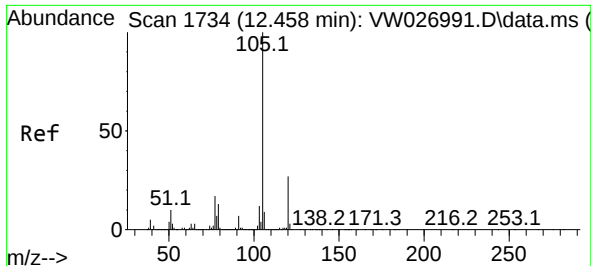
Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Tgt Ion:	173	Resp:	12575
Ion	Ratio	Lower	Upper
173	100		
175	45.4	36.6	54.8
254	7.3	8.5	12.7#

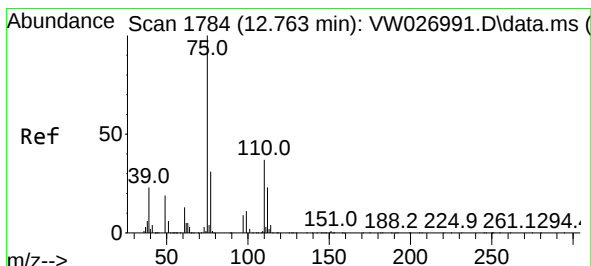
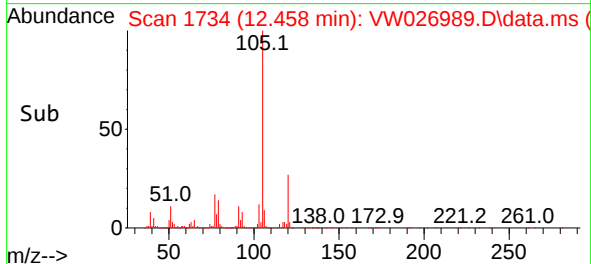
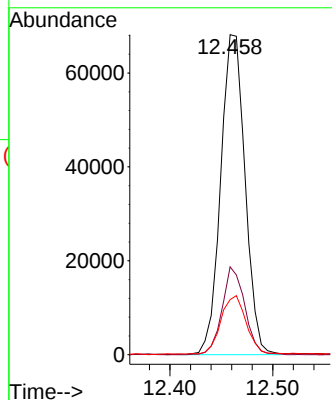
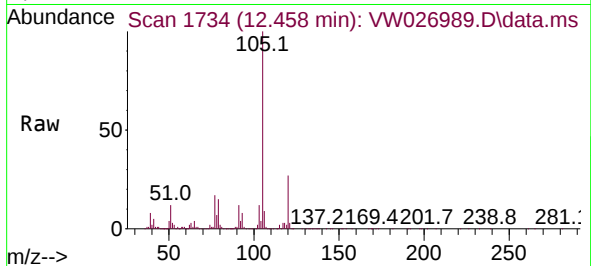




#60
Isopropylbenzene
Concen: 2.183 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

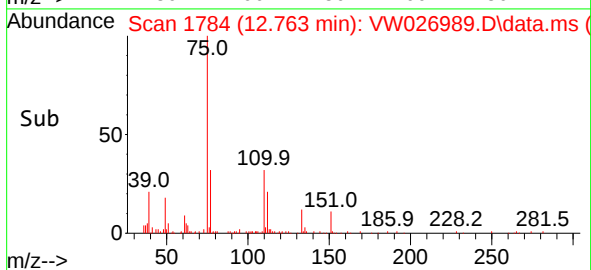
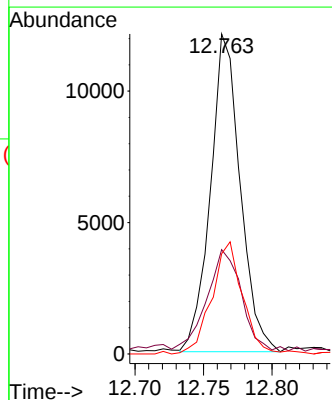
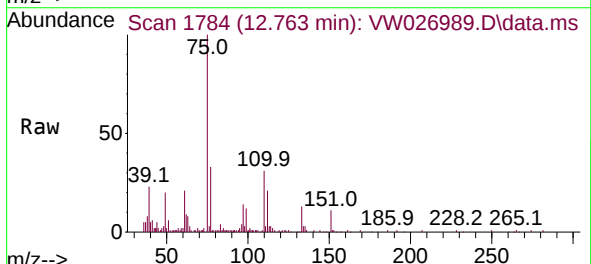
Instrument :
MSVOA_W
ClientSampleId :

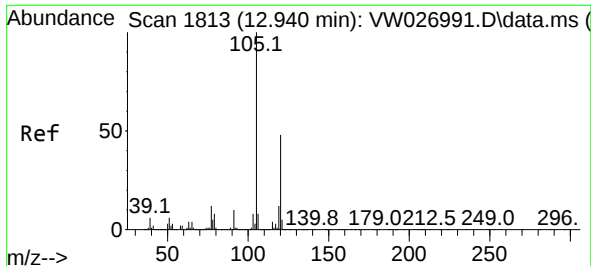
Tgt Ion:105 Resp: 112480
Ion Ratio Lower Upper
105 100
120 25.4 21.4 32.0
77 18.8 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 2.537 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion: 75 Resp: 18252
Ion Ratio Lower Upper
75 100
77 37.5 26.3 39.5
110 36.2 30.5 45.7

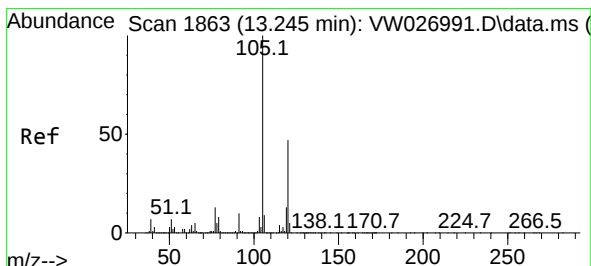
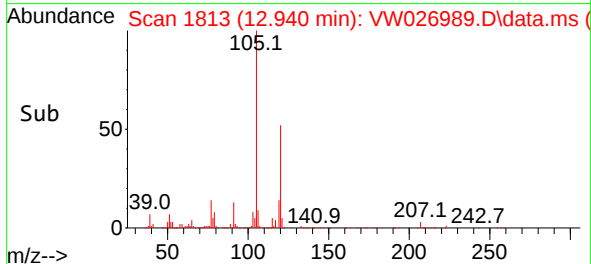
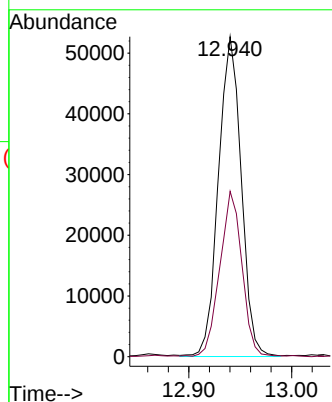
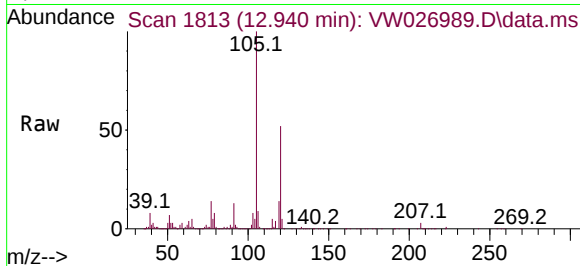




#62
 1,3,5-Trimethylbenzene
 Concen: 1.972 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026989.D
 Acq: 05 Sep 2023 09:34

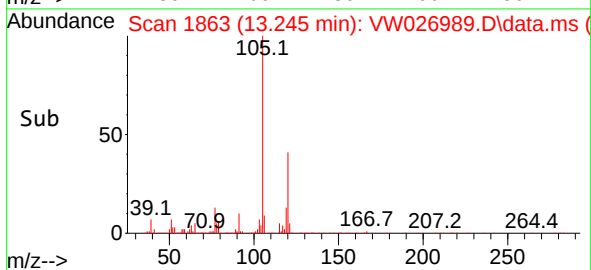
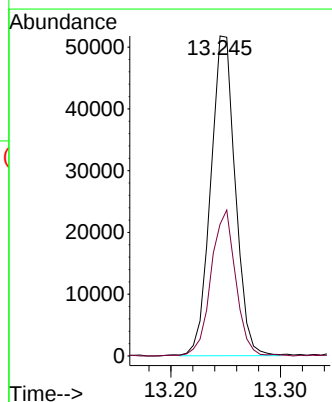
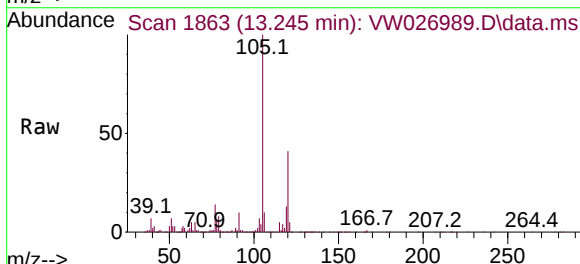
Instrument :
 MSVOA_W
 ClientSampleId :

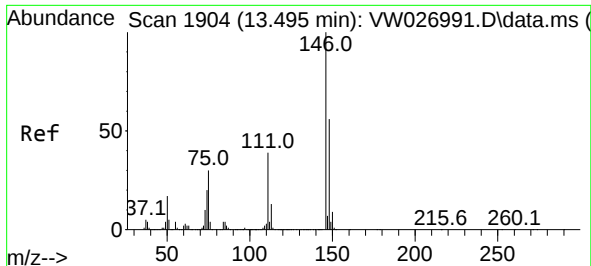
Tgt Ion:105 Resp: 81081
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 2.010 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW026989.D
 Acq: 05 Sep 2023 09:34

Tgt Ion:105 Resp: 80814
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.3 54.5

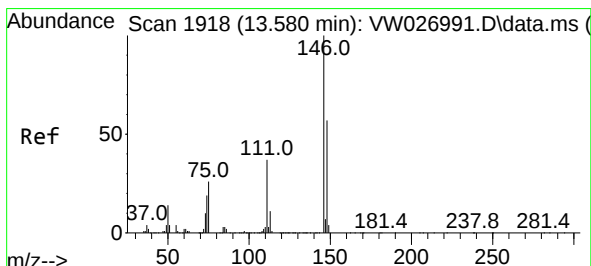
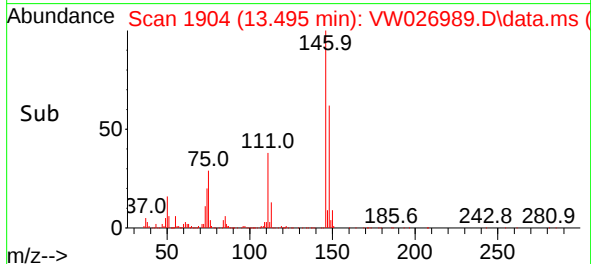
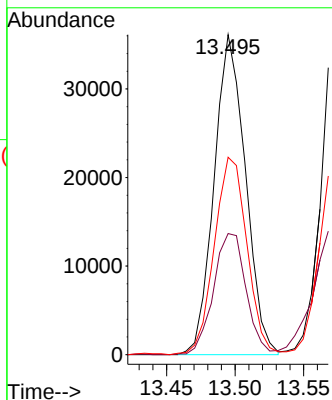
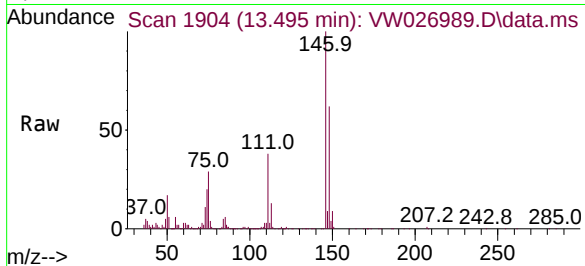




#64
1,3-Dichlorobenzene
Concen: 2.453 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

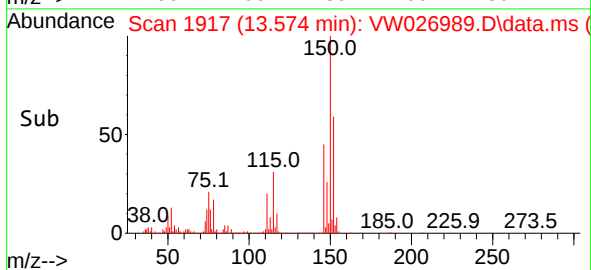
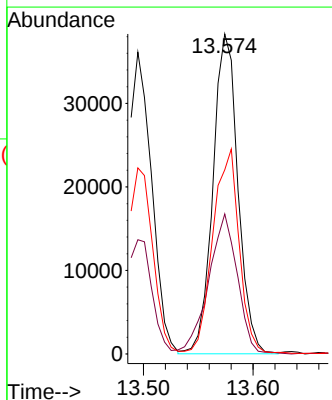
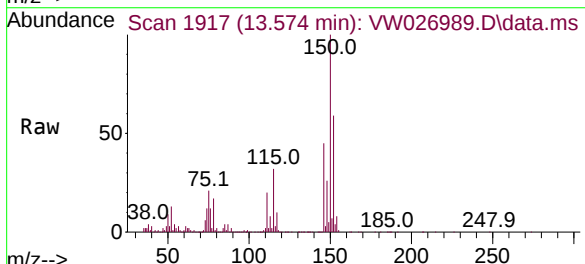
Instrument :
MSVOA_W
ClientSampleId :

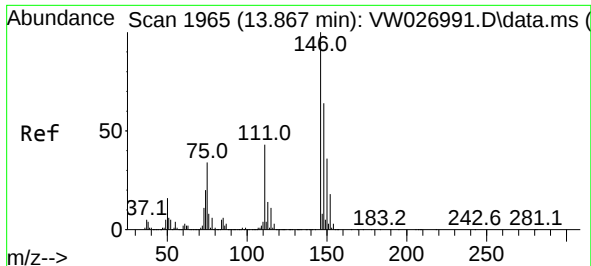
Tgt Ion:146 Resp: 57489
Ion Ratio Lower Upper
146 100
111 37.9 26.9 50.1
148 61.7 39.2 72.8



#65
1,4-Dichlorobenzene
Concen: 2.555 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW026989.D
Acq: 05 Sep 2023 09:34

Tgt Ion:146 Resp: 60869
Ion Ratio Lower Upper
146 100
111 43.7 25.8 47.8
148 57.5 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 2.520 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026989.D

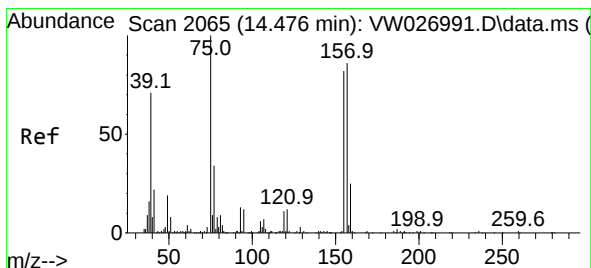
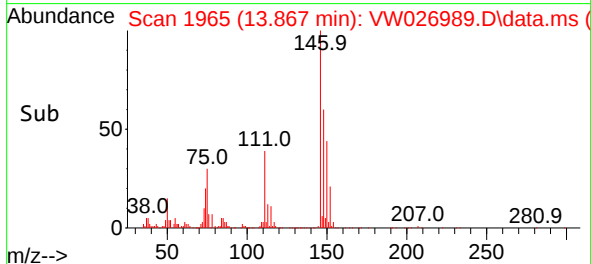
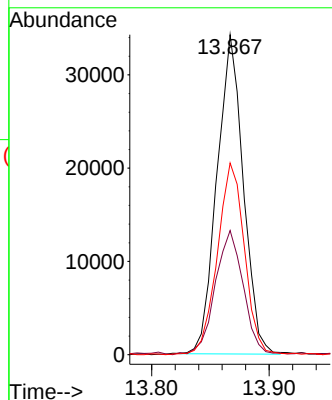
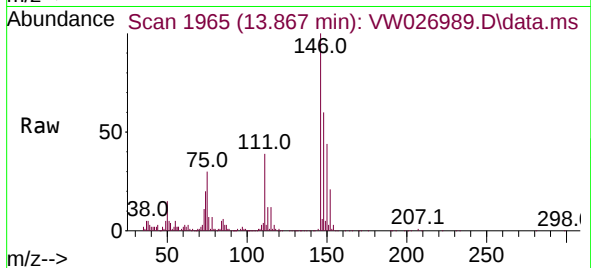
Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	53217
Ion Ratio	Lower	Upper	
146	100		
111	38.8	34.0	51.0
148	59.9	51.1	76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 2.781 ug/L

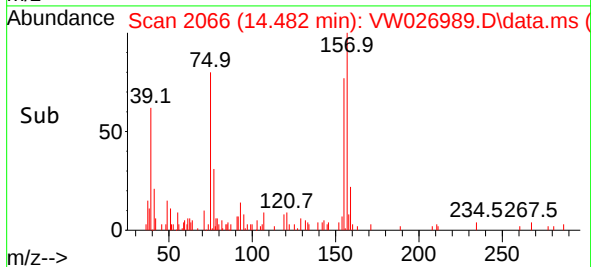
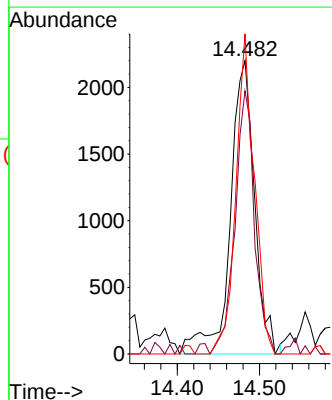
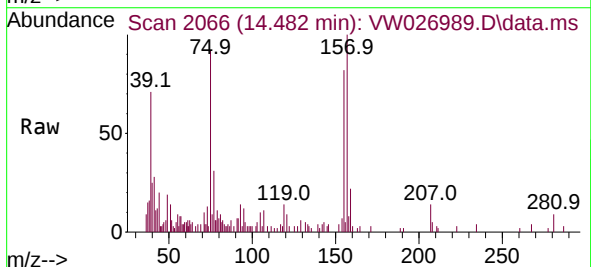
RT: 14.482 min Scan# 2066

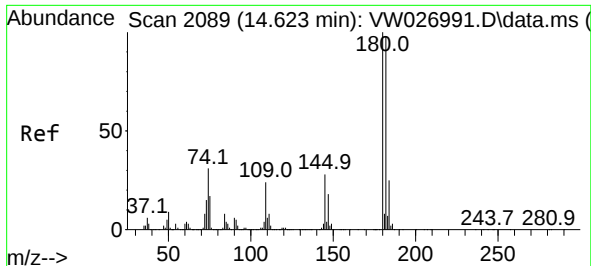
Delta R.T. 0.006 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Tgt Ion:	75	Resp:	4537
Ion Ratio	Lower	Upper	
75	100		
155	89.7	65.9	98.9
157	109.1	68.7	103.1





#69

1,3,5-Trichlorobenzene

Concen: 2.449 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

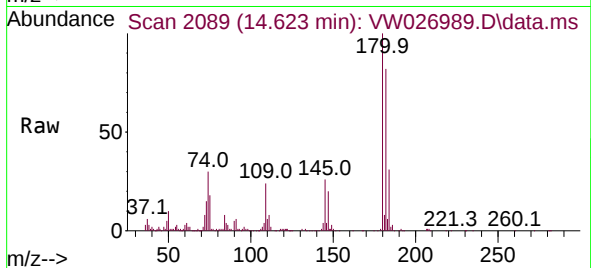
Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 39884

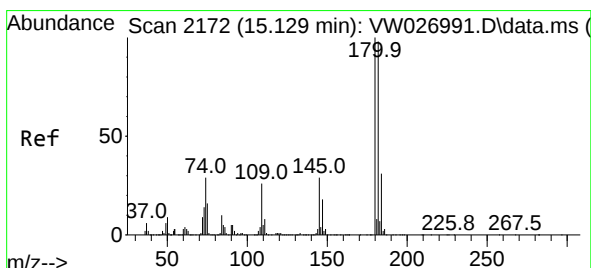
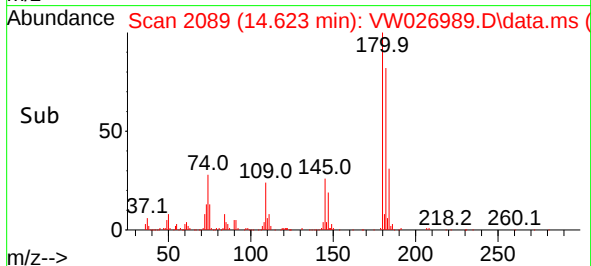
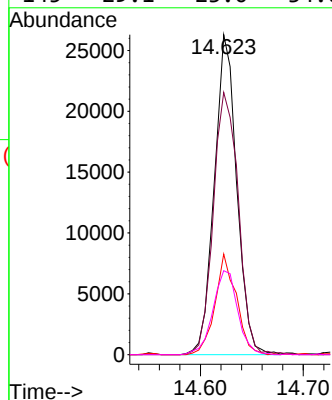
Ion Ratio Lower Upper

180 100

182 90.7 73.6 110.4

184 29.9 23.6 35.4

145 29.1 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 2.223 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

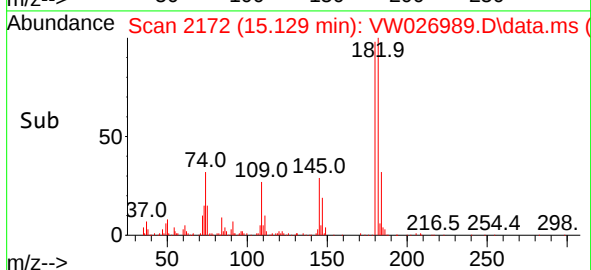
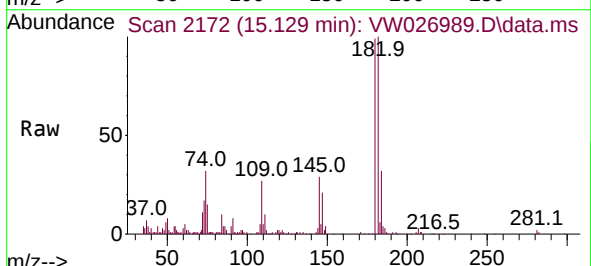
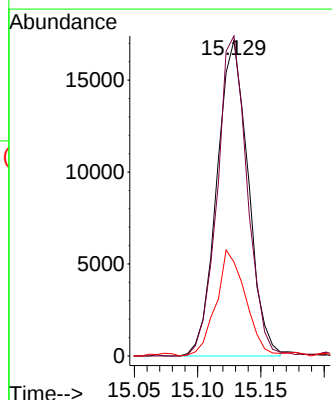
Tgt Ion:180 Resp: 29473

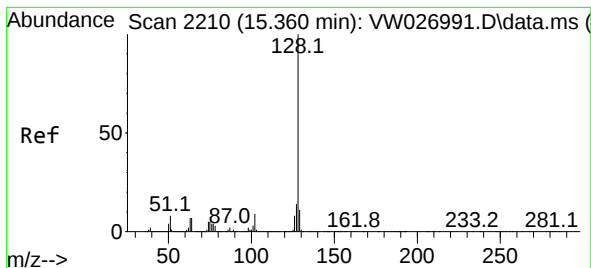
Ion Ratio Lower Upper

180 100

182 97.1 81.0 121.6

145 31.5 24.8 37.2





#71

Naphthalene

Concen: 1.856 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

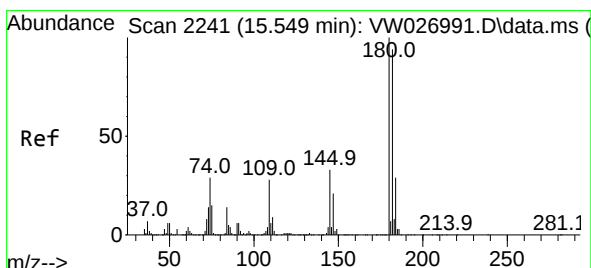
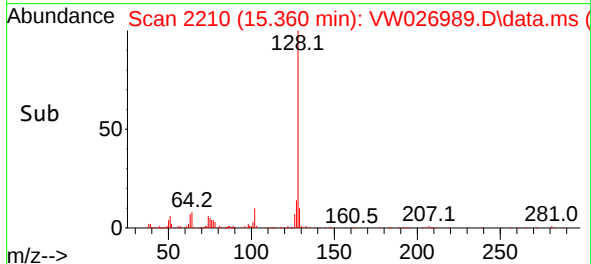
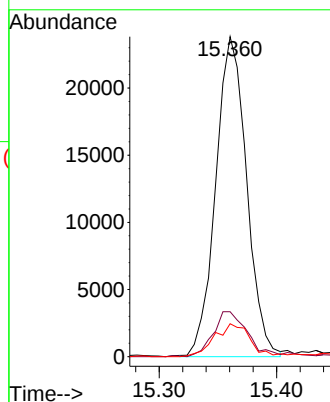
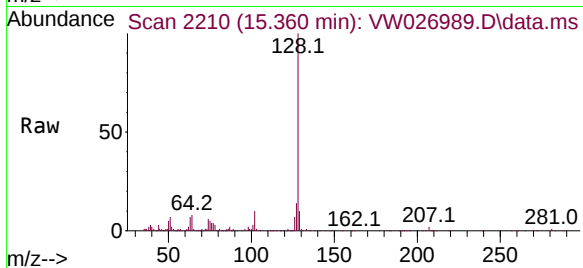
Tgt Ion:128 Resp: 43545

Ion Ratio Lower Upper

128 100

127 14.6 10.9 16.3

129 11.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 2.395 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026989.D

Acq: 05 Sep 2023 09:34

Tgt Ion:180 Resp: 28782

Ion Ratio Lower Upper

180 100

182 92.3 76.2 114.4

145 31.3 25.6 38.4

