

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050523\
 Data File : VW025869.D
 Acq On : 05 May 2023 14:29
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 23:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	560390	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	493202	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	250067	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	216818	27.303	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 109.200%		
7) Chloroethane-d5	2.893	69	163464	27.766	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 111.080%		
11) 1,1-Dichloroethene-d2	4.027	65	102899	25.877	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 103.520%		
21) 2-Butanone-d5	7.075	46	139121	52.994	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 105.980%		
24) Chloroform-d	7.648	84	427432	26.452	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	8.307	65	235091	25.728	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 102.920%		
32) Benzene-d6	8.270	84	874666	27.141	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 108.560%		
36) 1,2-Dichloropropane-d6	9.270	67	272921	26.469	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 105.880%		
41) Toluene-d8	10.319	98	781227	27.185	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 108.760%		
43) trans-1,3-Dichloroprop...	10.575	79	104366	24.970	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 99.880%		
47) 2-Hexanone-d5	10.922	63	99371	56.517	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 113.040%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	218381	27.787	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 111.160%		
66) 1,2-Dichlorobenzene-d4	13.848	152	240335	26.364	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 105.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	164567	26.286	ug/L	97
3) Chloromethane	2.222	50	252484	27.351	ug/L	96
5) Vinyl chloride	2.375	62	264846	27.719	ug/L	99
6) Bromomethane	2.789	94	141220	27.174	ug/L	100
8) Chloroethane	2.930	64	152364	28.044	ug/L	100
9) Trichlorofluoromethane	3.265	101	159473	22.116	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	211344	26.950	ug/L	99
12) 1,1-Dichloroethene	4.045	96	199071	26.562	ug/L	94
13) Acetone	4.112	43	97501	41.885	ug/L	97
14) Carbon disulfide	4.393	76	652996	25.764	ug/L	99
15) Methyl Acetate	4.667	43	123554	26.934	ug/L	99
16) Methylene chloride	4.923	84	215788	18.672	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	213369	26.097	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	314948	25.380	ug/L	99
19) 1,1-Dichloroethane	6.216	63	444732	26.475	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	229236	26.134	ug/L	98
22) 2-Butanone	7.167	43	159592	49.651	ug/L	99
23) Bromochloromethane	7.508	128	92646	24.931	ug/L	94
25) Chloroform	7.673	83	411683	26.665	ug/L	97

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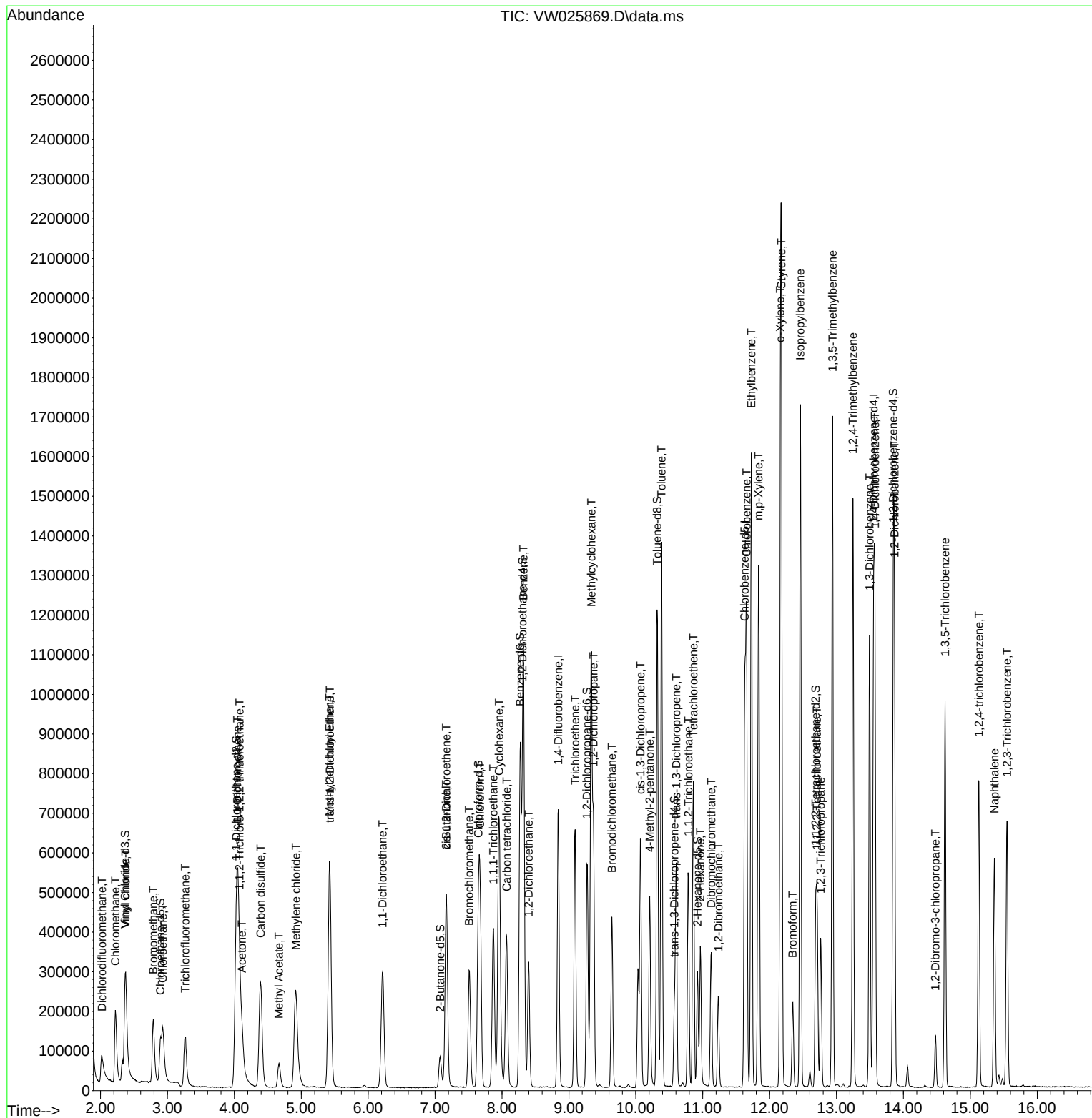
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	286051	26.088	ug/L	99
29) Cyclohexane	7.959	56	417322	27.304	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	321686	26.670	ug/L	99
31) Carbon tetrachloride	8.069	117	293983	27.083	ug/L	98
33) Benzene	8.319	78	923952	27.078	ug/L	100
34) Trichloroethene	9.093	95	231335	26.420	ug/L	98
35) Methylcyclohexane	9.337	83	418646	26.882	ug/L	99
37) 1,2-Dichloropropane	9.368	63	251695	26.923	ug/L	99
38) Bromodichloromethane	9.642	83	282938	26.380	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	354928	25.889	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	337327	55.435	ug/L	99
42) Toluene	10.386	91	959349	27.516	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	296283	26.082	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	164756	26.346	ug/L	98
46) Tetrachloroethene	10.861	164	162148	26.323	ug/L	87
48) 2-Hexanone	10.965	43	231993	53.218	ug/L	98
49) Dibromochloromethane	11.129	129	173086	26.734	ug/L	98
50) 1,2-Dibromoethane	11.233	107	154382	26.779	ug/L	99
51) Chlorobenzene	11.654	112	572382	26.501	ug/L	98
52) Ethylbenzene	11.727	91	1088093	27.744	ug/L	97
53) m,p-Xylene	11.837	106	398613	27.615	ug/L	90
54) o-Xylene	12.160	106	370702	27.247	ug/L	98
55) Styrene	12.178	104	651197	27.964	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	212137	27.186	ug/L	96
59) Bromoform	12.343	173	97371	26.288	ug/L	99
60) Isopropylbenzene	12.458	105	1047476	27.557	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156357	26.457	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	840157	27.906	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	770160	27.721	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	427493	26.125	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	415657	25.143	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	374721	25.678	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	35362	25.803	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	266658	24.550	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	227407	24.991	ug/L	100
71) Naphthalene	15.360	128	466704	27.174	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	209949	26.003	ug/L	99

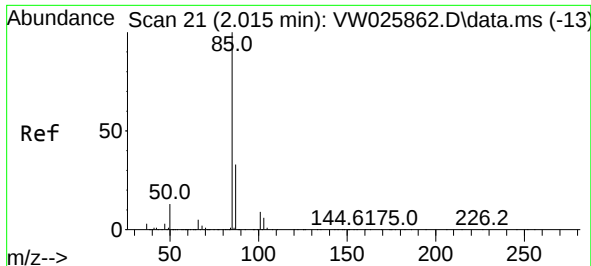
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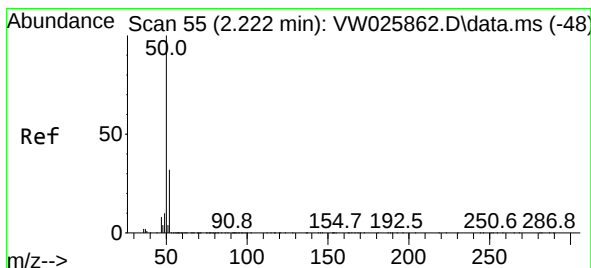
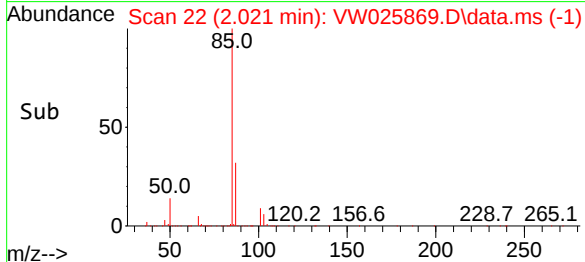
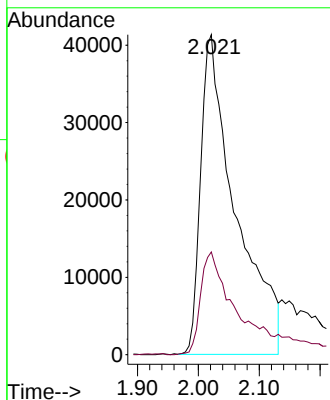
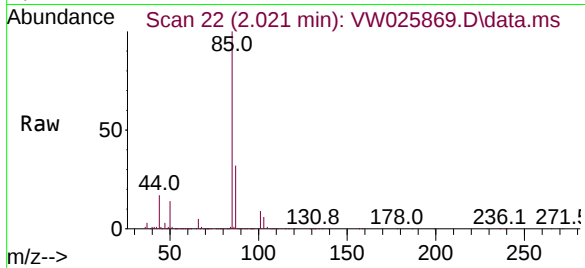




#2
 Dichlorodifluoromethane
 Concen: 26.286 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025869.D
 Acq: 05 May 2023 14:29

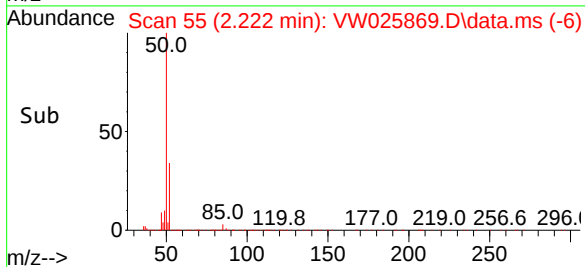
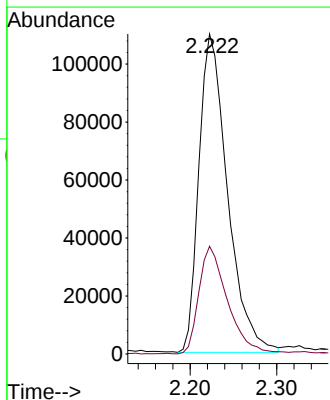
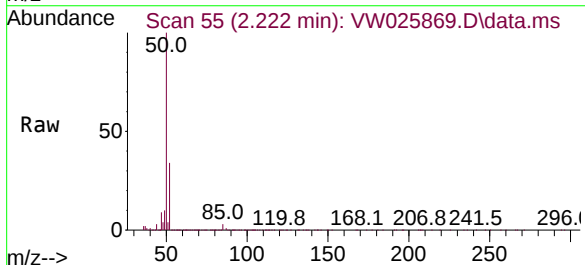
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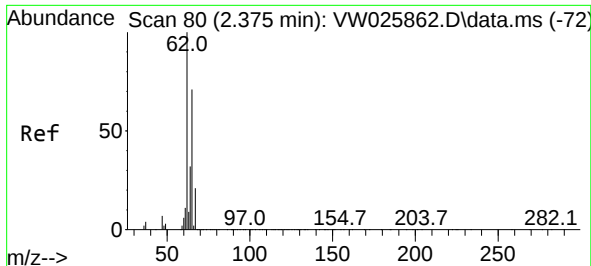
Tgt Ion: 85 Resp: 164567
 Ion Ratio Lower Upper
 85 100
 87 29.1 24.7 37.1



#3
 Chloromethane
 Concen: 27.351 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025869.D
 Acq: 05 May 2023 14:29

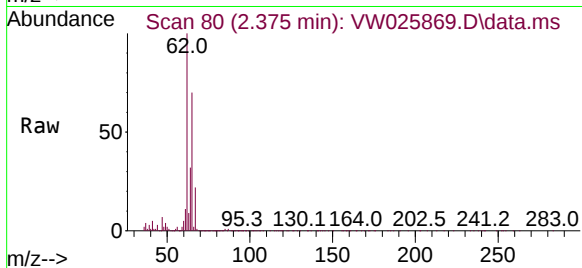
Tgt Ion: 50 Resp: 252484
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.1 41.1



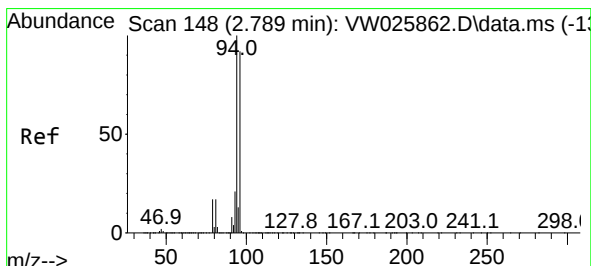
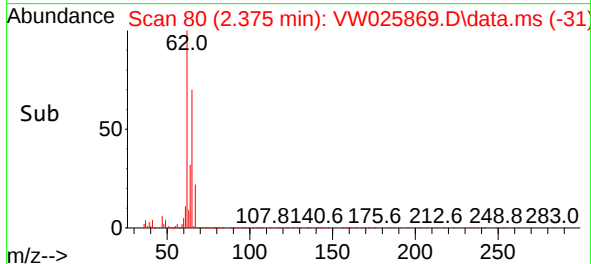
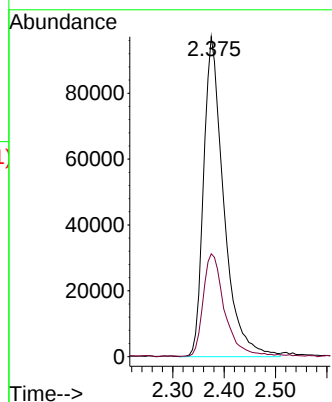


#5
 Vinyl chloride
 Concen: 27.719 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025869.D
 Acq: 05 May 2023 14:29

Instrument :
 MSVOA_W
 ClientSampleId :

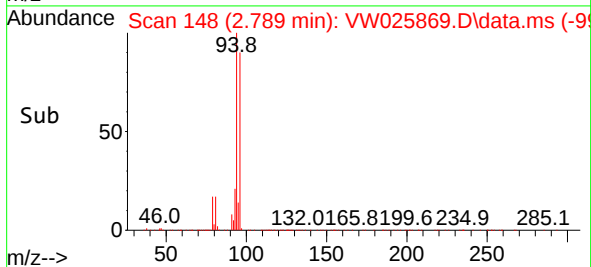
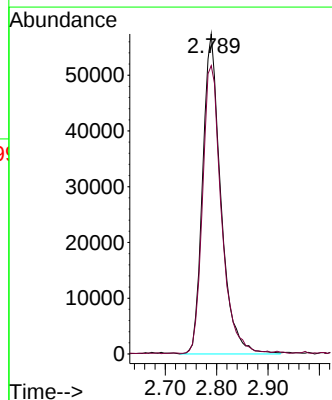
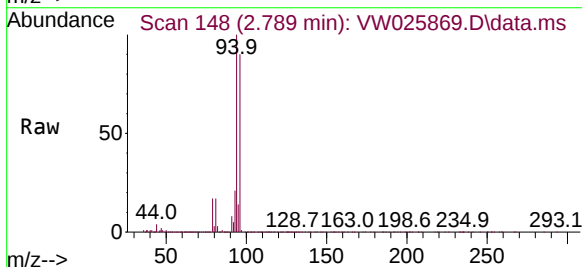


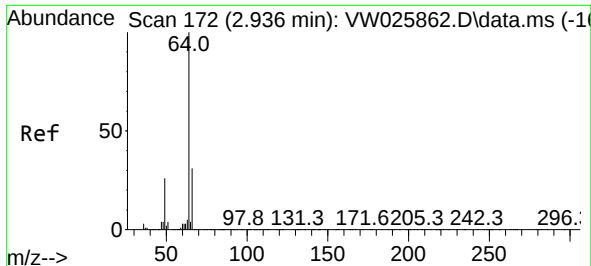
Tgt Ion: 62 Resp: 264846
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.3



#6
 Bromomethane
 Concen: 27.174 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025869.D
 Acq: 05 May 2023 14:29

Tgt Ion: 94 Resp: 141220
 Ion Ratio Lower Upper
 94 100
 96 90.1 63.1 117.1

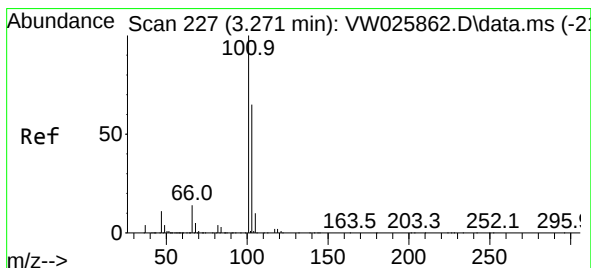
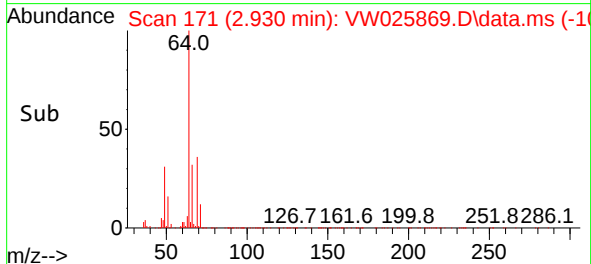
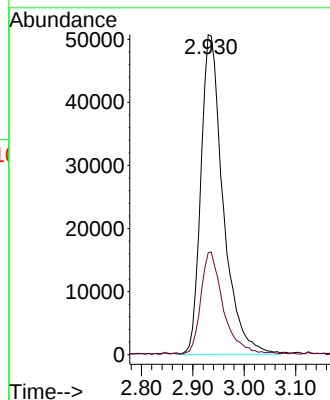
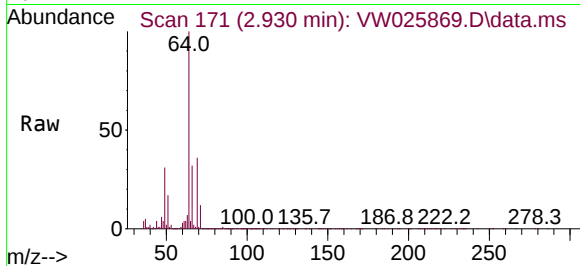




#8
Chloroethane
Concen: 28.044 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

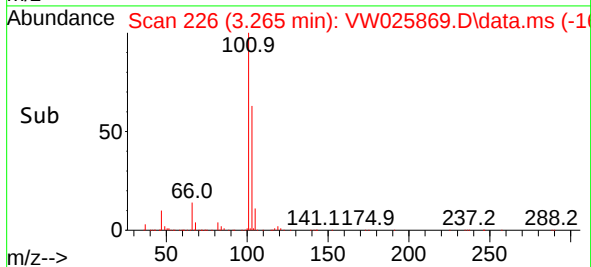
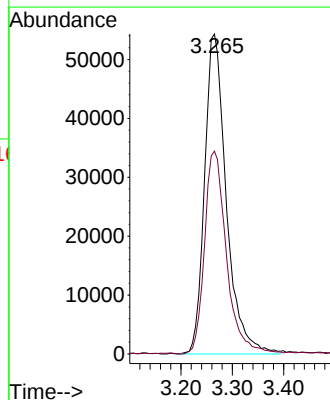
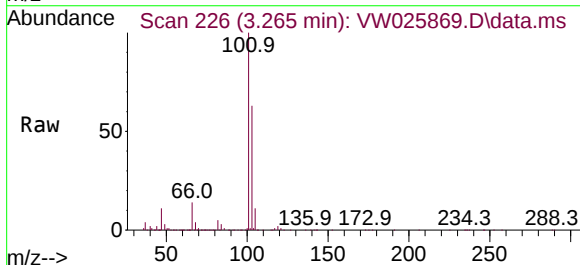
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MSVOA_W
ClientSampleId :

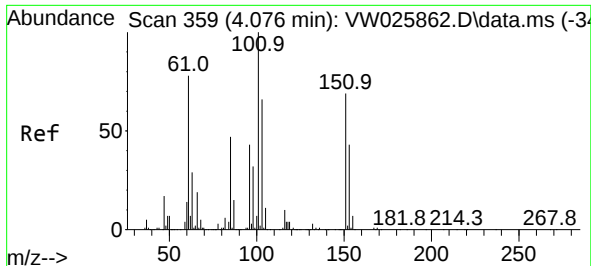
Tgt Ion: 64 Resp: 152364
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.116 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion: 101 Resp: 159473
Ion Ratio Lower Upper
101 100
103 64.1 50.6 76.0

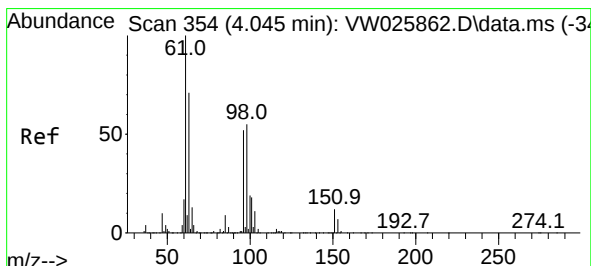
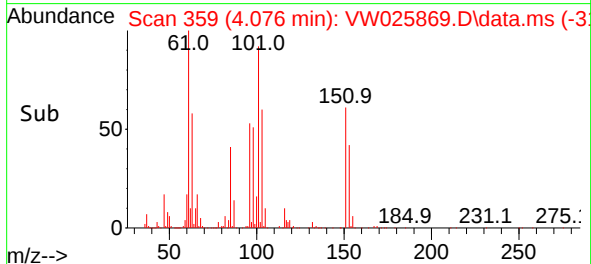
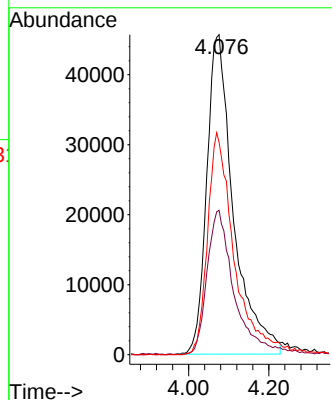
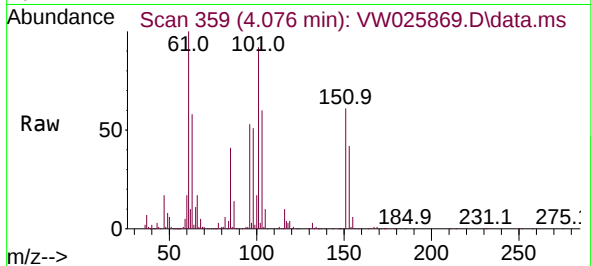




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.950 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025869.D
 Acq: 05 May 2023 14:29

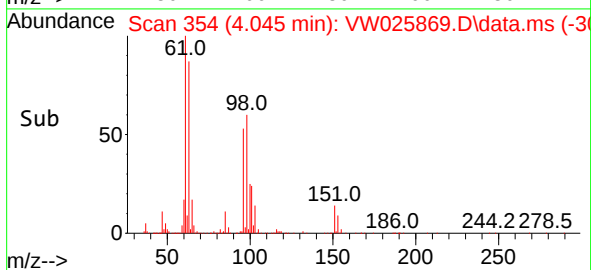
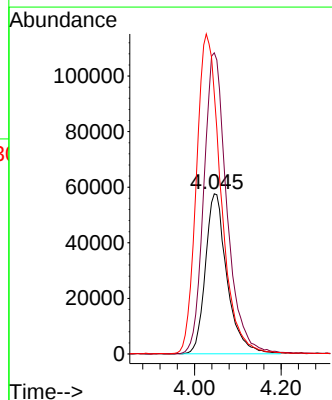
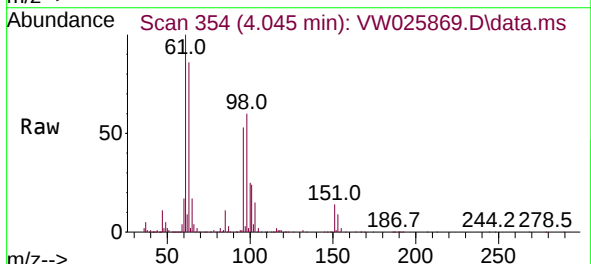
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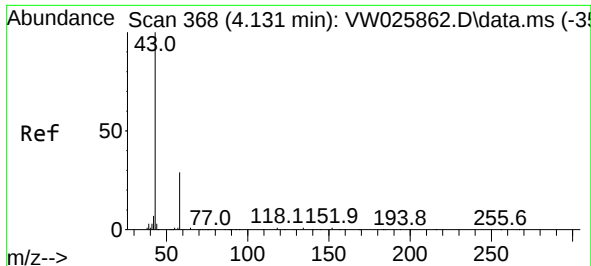
Tgt Ion:101 Resp: 211344
 Ion Ratio Lower Upper
 101 100
 85 44.8 33.9 50.9
 151 67.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.562 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025869.D
 Acq: 05 May 2023 14:29

Tgt Ion: 96 Resp: 199071
 Ion Ratio Lower Upper
 96 100
 61 188.0 135.0 250.8
 63 162.6 104.9 194.7

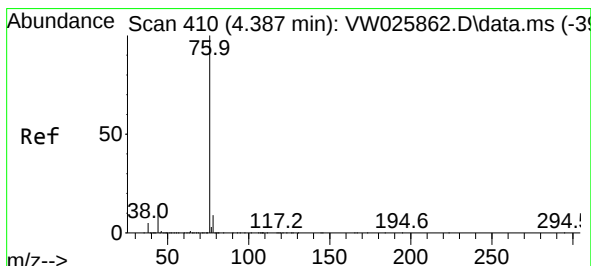
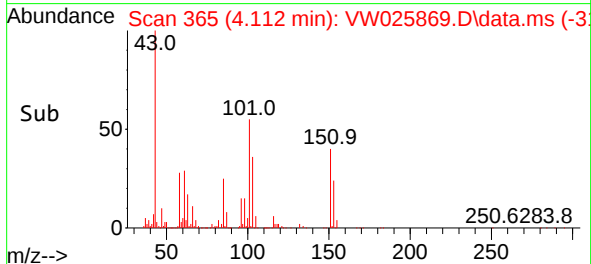
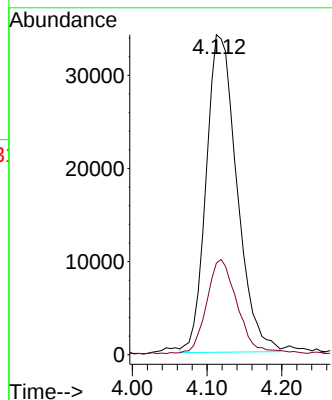
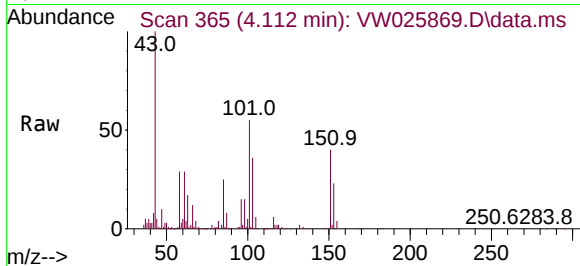




#13
Acetone
Concen: 41.885 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

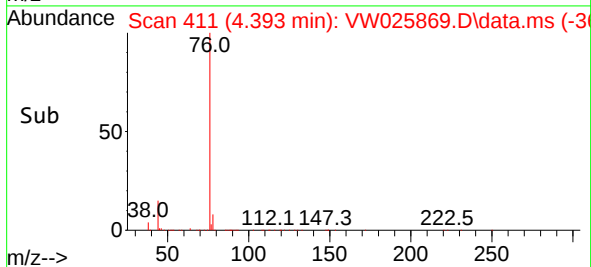
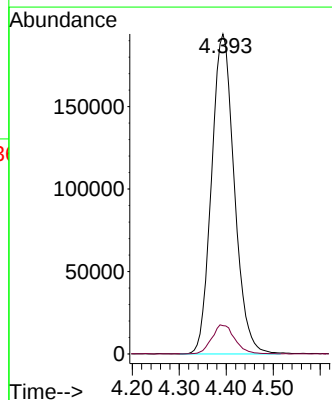
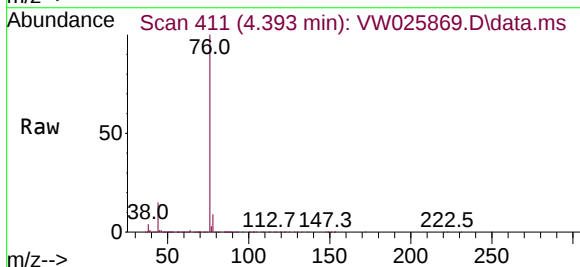
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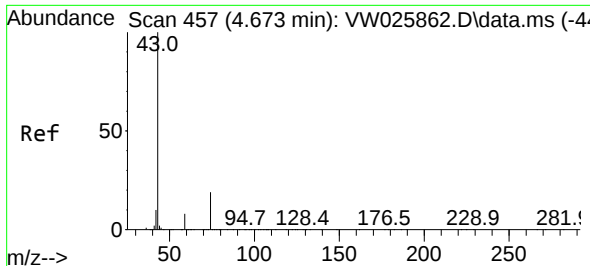
Tgt Ion: 43 Resp: 97501
Ion Ratio Lower Upper
43 100
58 30.5 0.0 58.2



#14
Carbon disulfide
Concen: 25.764 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Acq: 05 May 2023 14:29

Tgt Ion: 76 Resp: 652996
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

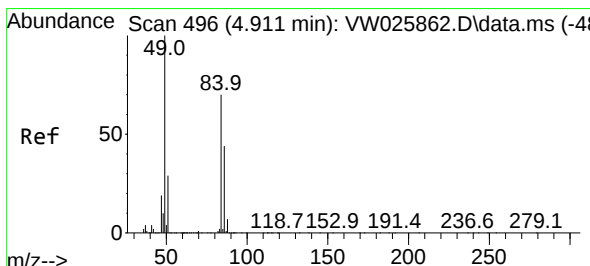
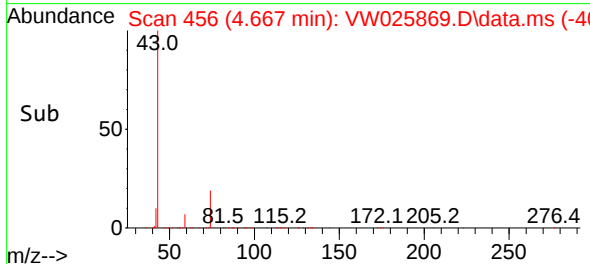
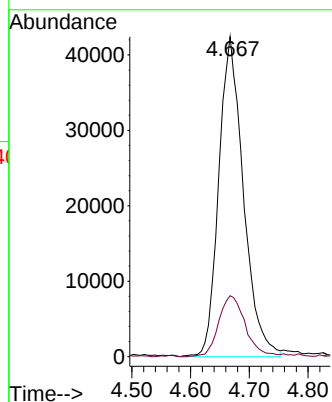
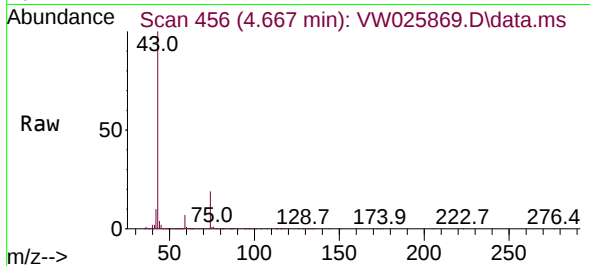




#15
Methyl Acetate
Concen: 26.934 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

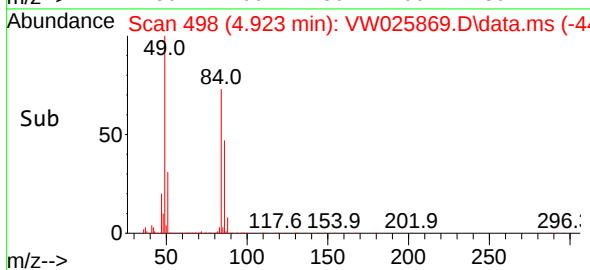
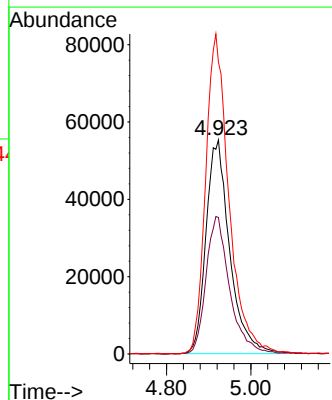
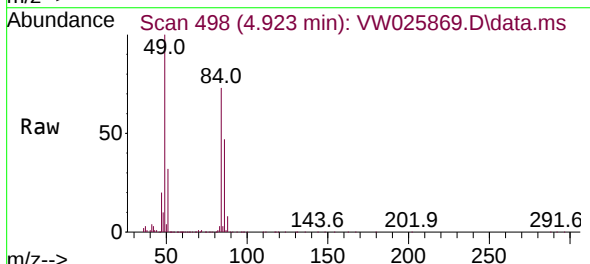
Instrument :
MSVOA_W
ClientSampleId :

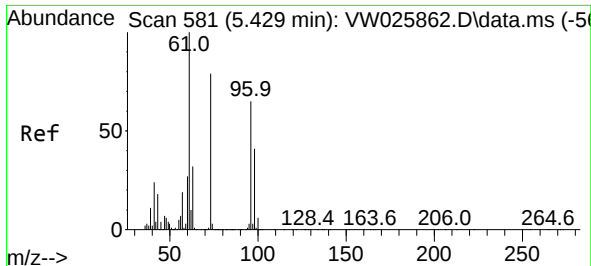
Tgt Ion: 43 Resp: 123554
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7



#16
Methylene chloride
Concen: 18.672 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion: 84 Resp: 215788
Ion Ratio Lower Upper
84 100
86 63.7 41.7 77.5
49 136.3 95.3 177.1

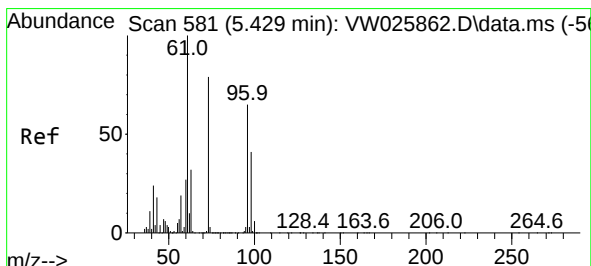
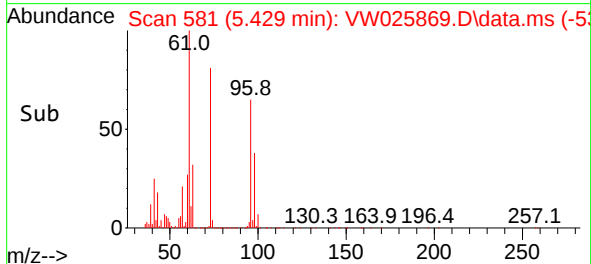
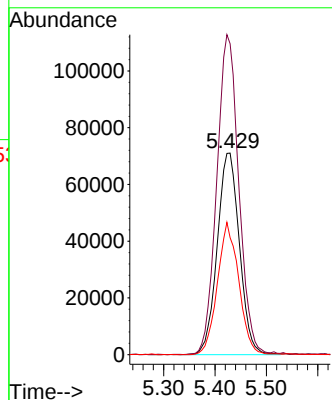
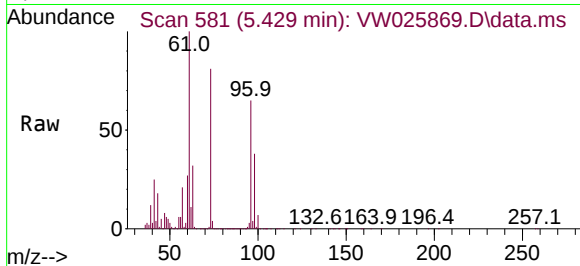




#17
trans-1,2-Dichloroethene
Concen: 26.097 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

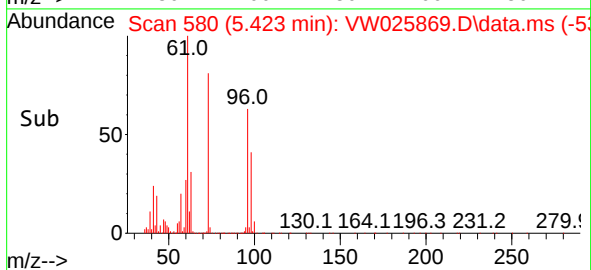
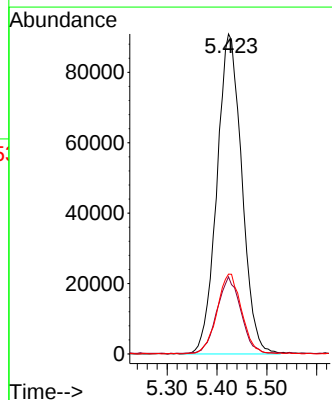
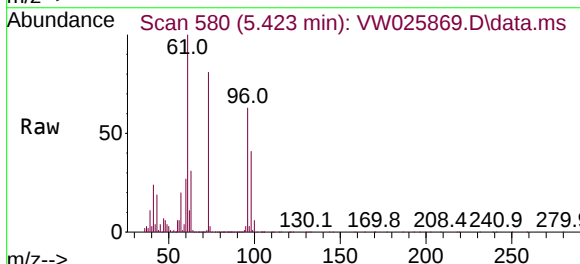
Instrument :
MSVOA_W
ClientSampleId :

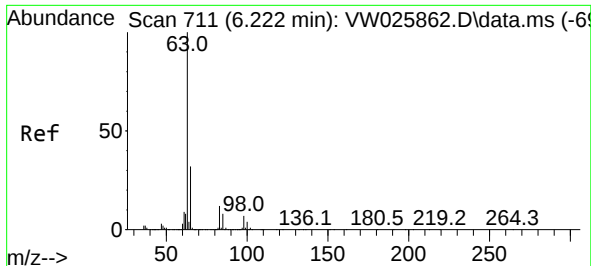
Tgt Ion: 96 Resp: 213369
Ion Ratio Lower Upper
96 100
61 154.2 108.1 200.9
98 58.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.380 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion: 73 Resp: 314948
Ion Ratio Lower Upper
73 100
43 23.1 18.2 27.4
57 24.4 19.2 28.8





#19

1,1-Dichloroethane

Concen: 26.475 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

ClientSampleId :

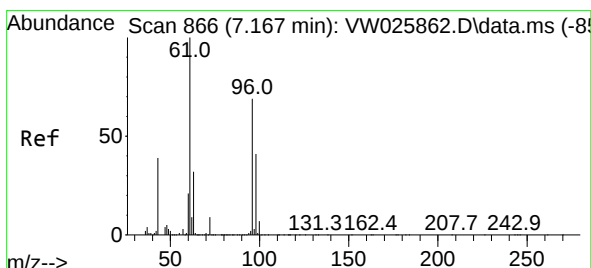
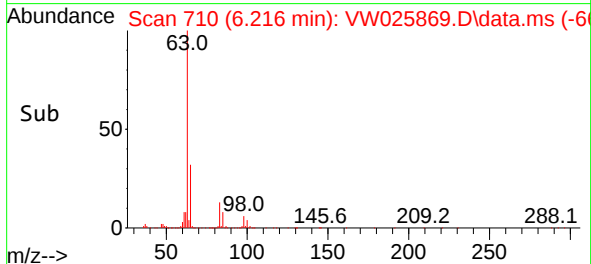
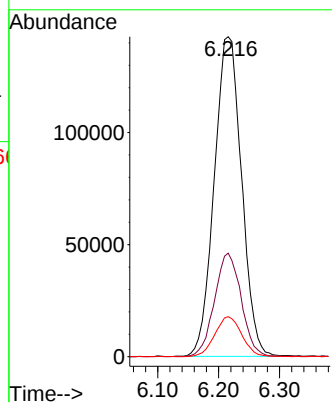
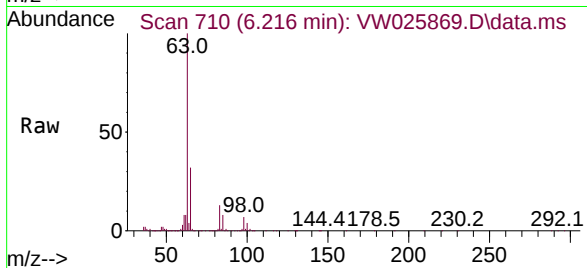
Tgt Ion: 63 Resp: 444732

Ion Ratio Lower Upper

63 100

65 32.3 22.4 41.6

83 12.5 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.134 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

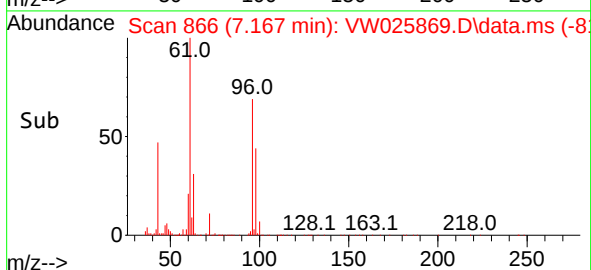
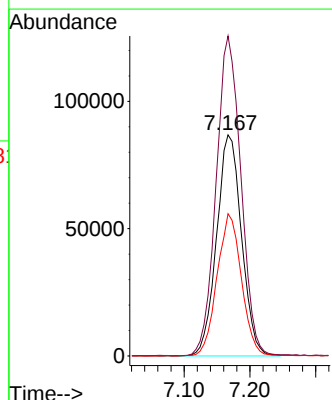
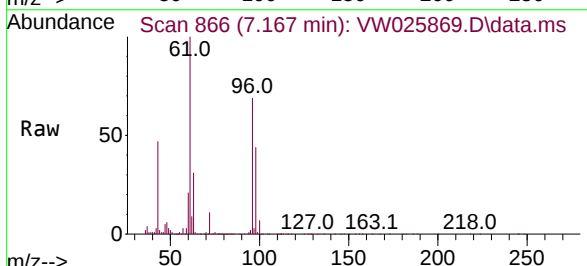
Tgt Ion: 96 Resp: 229236

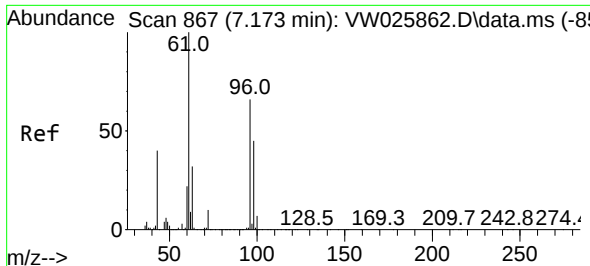
Ion Ratio Lower Upper

96 100

61 144.7 98.6 183.0

98 64.3 45.2 84.0

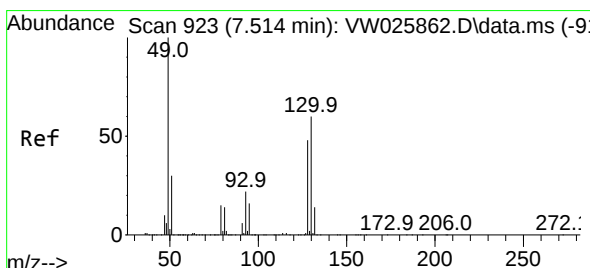
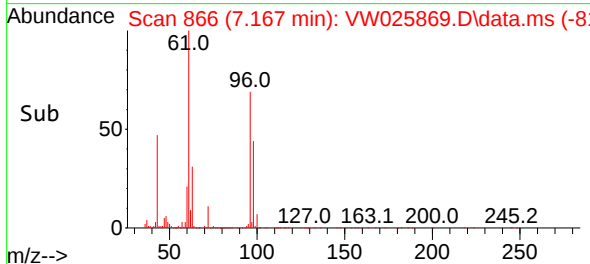
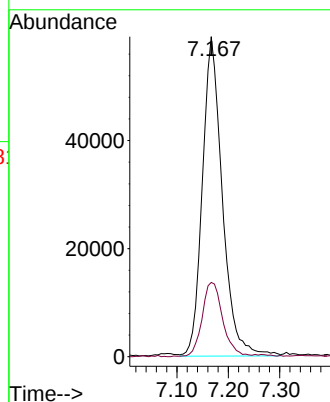
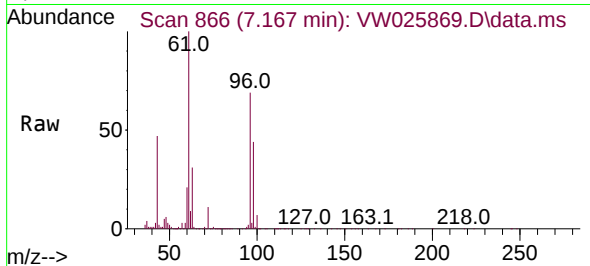




#22
2-Butanone
Concen: 49.651 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

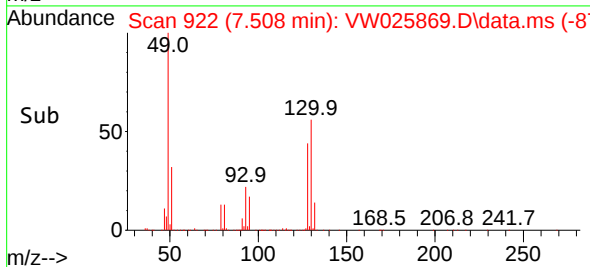
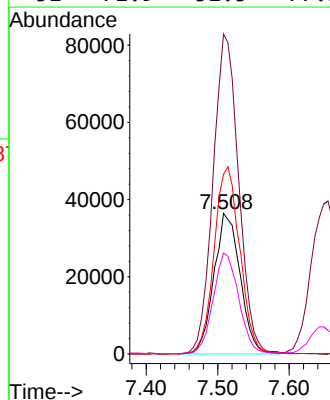
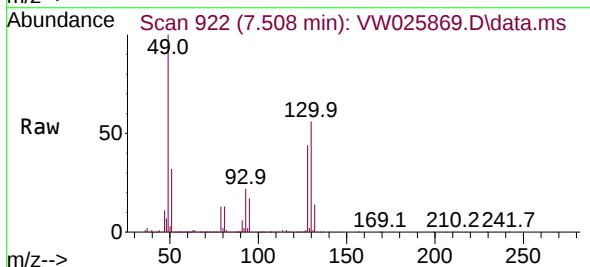
Instrument :
MSVOA_W
ClientSampleId :

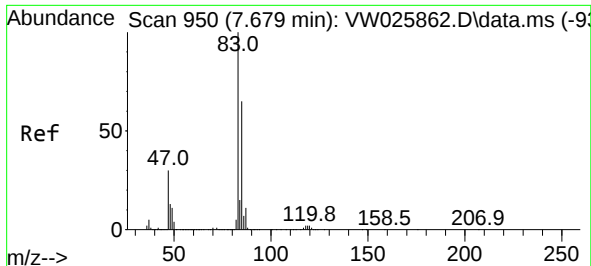
Tgt Ion: 43 Resp: 159592
Ion Ratio Lower Upper
43 100
72 24.0 11.8 35.4



#23
Bromochloromethane
Concen: 24.931 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion: 128 Resp: 92646
Ion Ratio Lower Upper
128 100
49 227.5 151.5 281.5
130 127.8 91.3 169.6
51 71.9 51.5 77.3

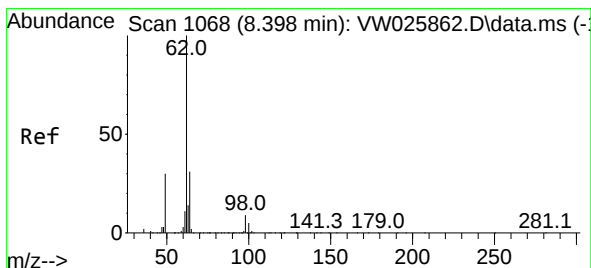
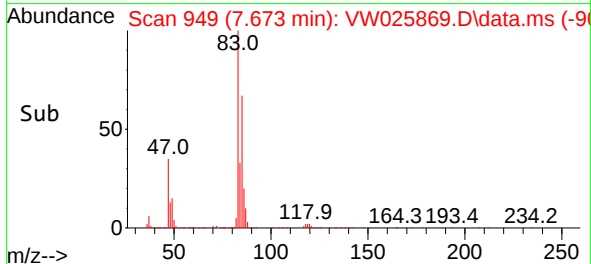
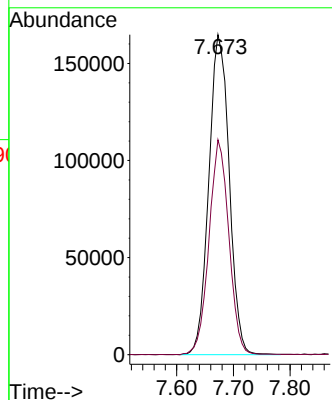
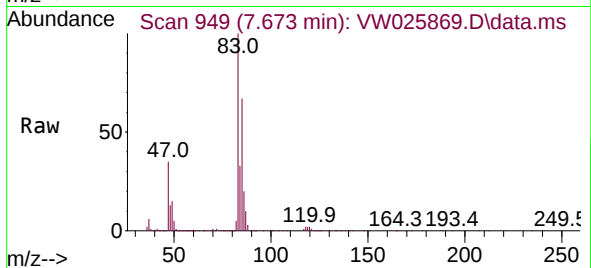




#25
Chloroform
Concen: 26.665 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

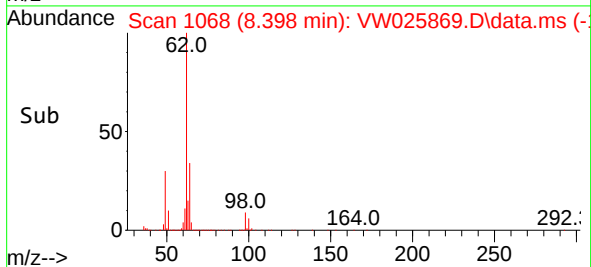
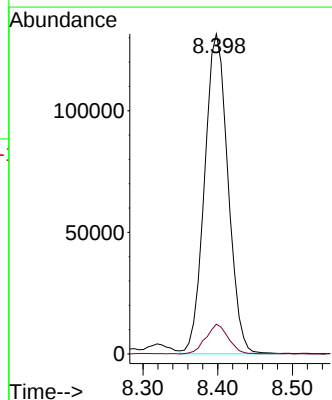
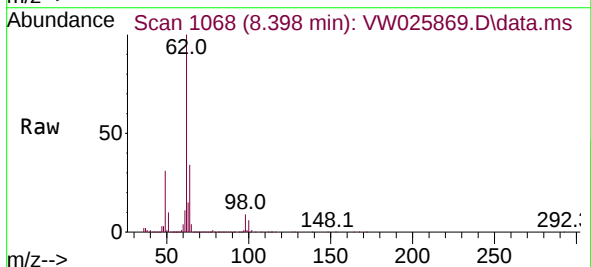
Instrument :
MSVOA_W
ClientSampleId :

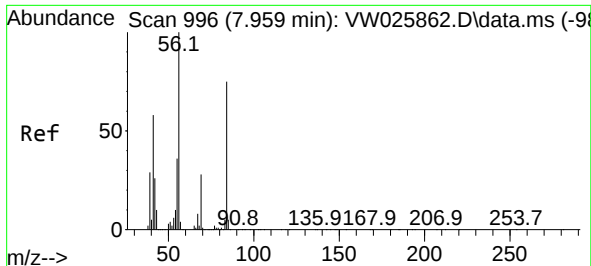
Tgt Ion: 83 Resp: 411683
Ion Ratio Lower Upper
83 100
85 67.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 26.088 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion: 62 Resp: 286051
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8

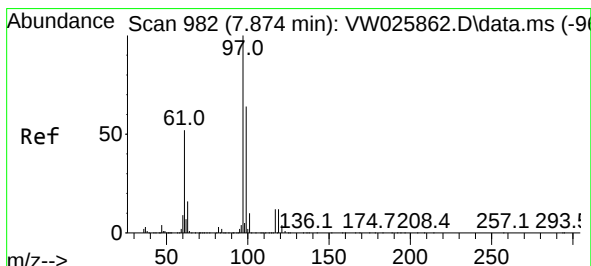
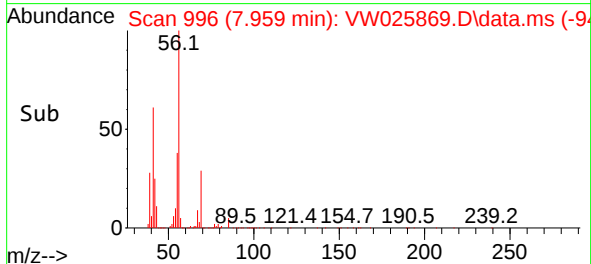
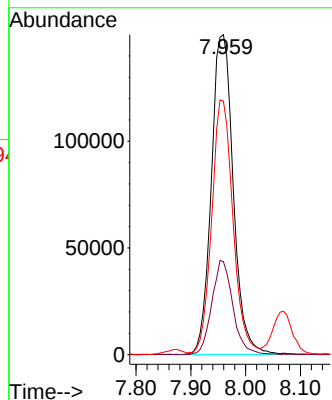
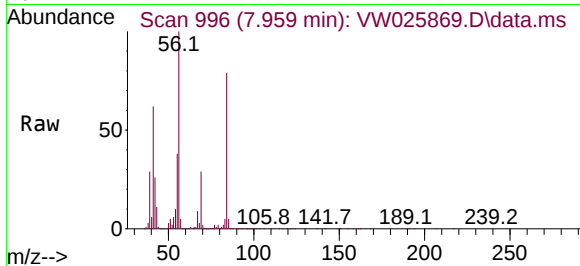




#29
Cyclohexane
Concen: 27.304 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

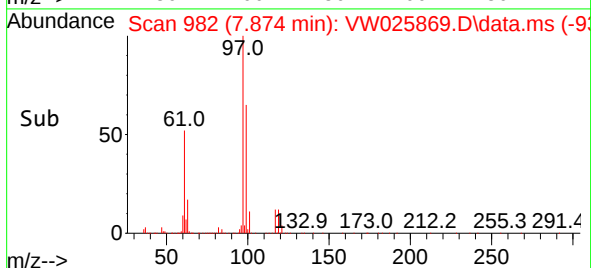
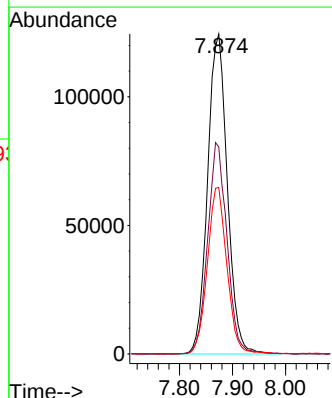
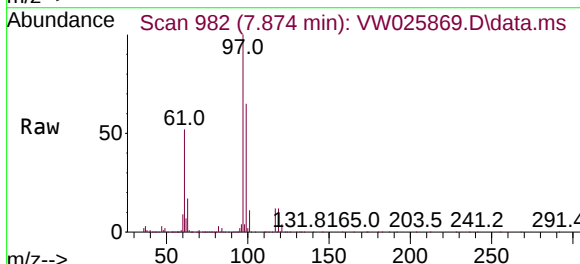
Instrument :
MSVOA_W
ClientSampleId :

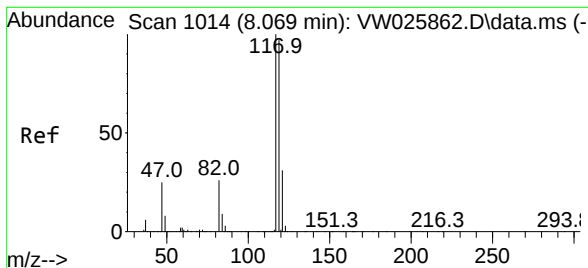
Tgt Ion: 56 Resp: 417322
Ion Ratio Lower Upper
56 100
69 28.2 23.4 35.0
84 77.1 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 26.670 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion: 97 Resp: 321686
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 51.3 40.4 60.6

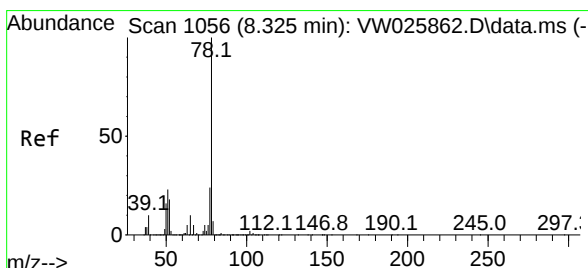
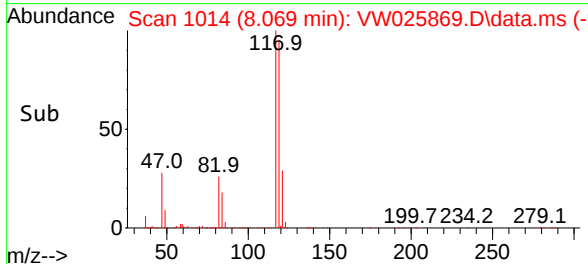
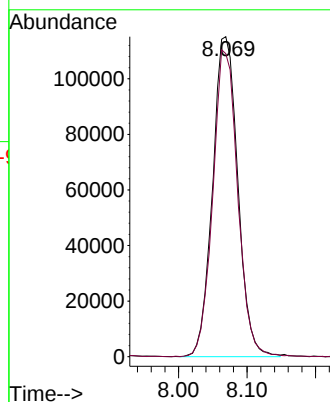
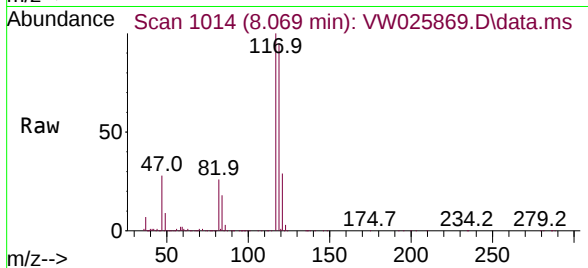




#31
Carbon tetrachloride
Concen: 27.083 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

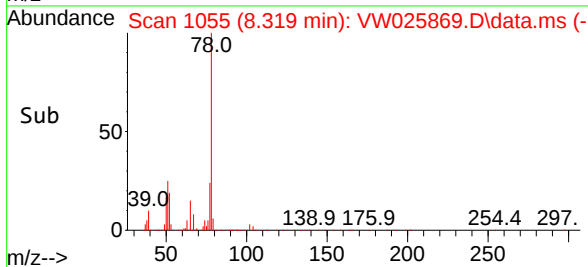
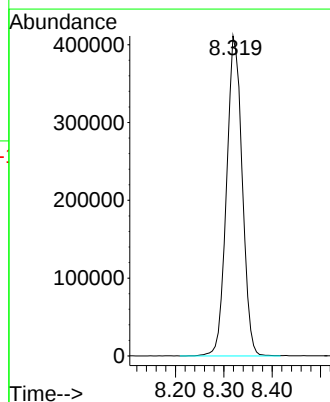
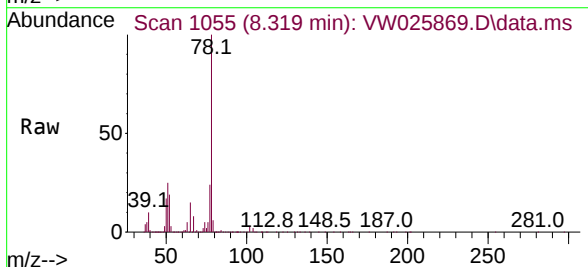
Instrument :
MSVOA_W
ClientSampleId :

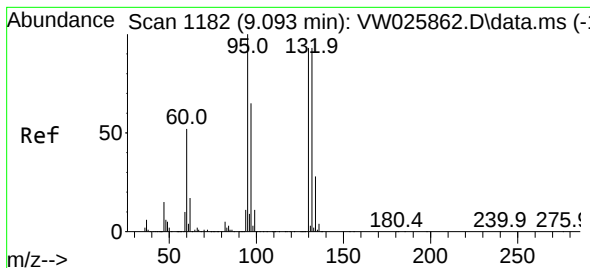
Tgt Ion:117 Resp: 293983
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3



#33
Benzene
Concen: 27.078 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion: 78 Resp: 923952





#34

Trichloroethene

Concen: 26.420 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

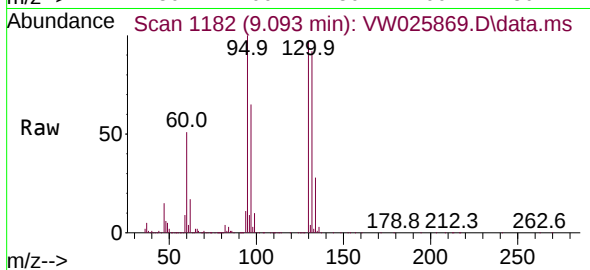
Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 231335

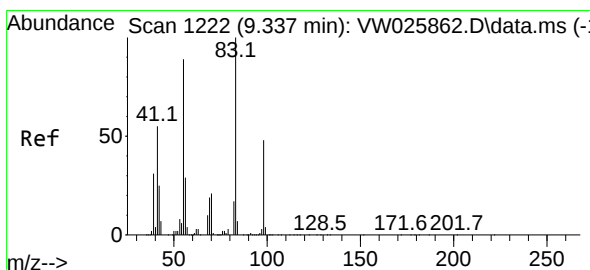
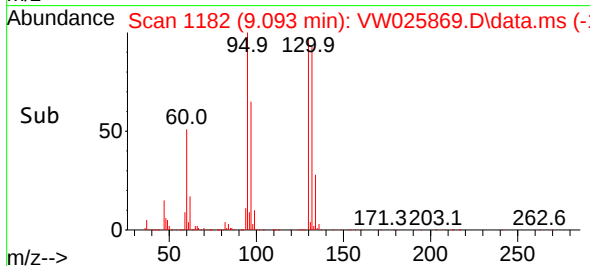
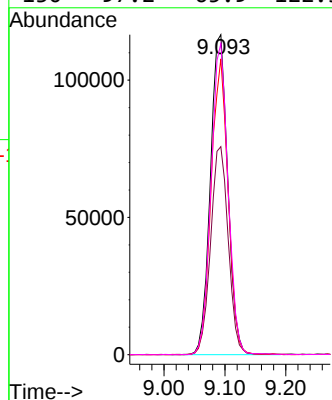
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 92.4 66.0 122.6

130 97.2 65.9 122.3



#35

Methylcyclohexane

Concen: 26.882 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

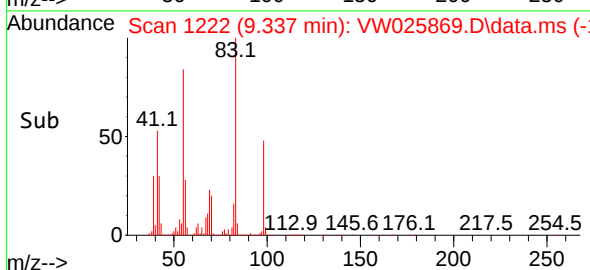
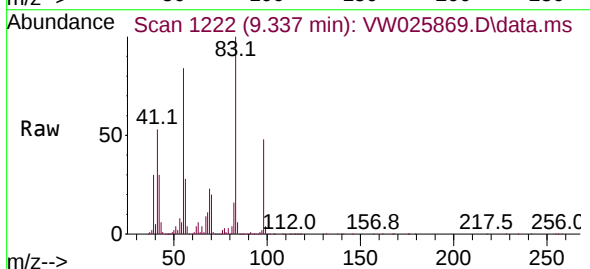
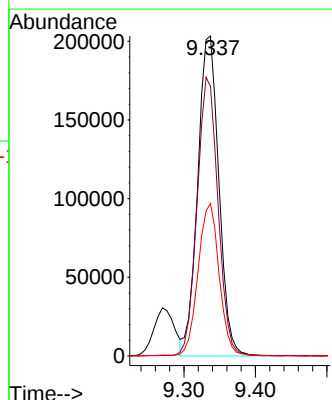
Tgt Ion: 83 Resp: 418646

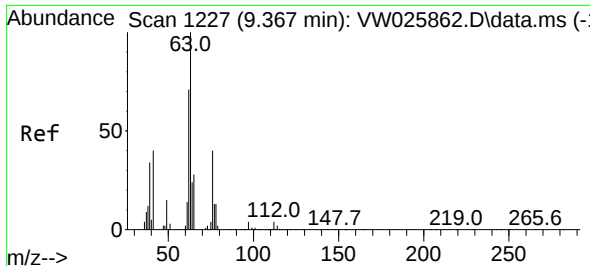
Ion Ratio Lower Upper

83 100

55 85.9 69.0 103.4

98 47.5 37.1 55.7





#37

1,2-Dichloropropane

Concen: 26.923 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

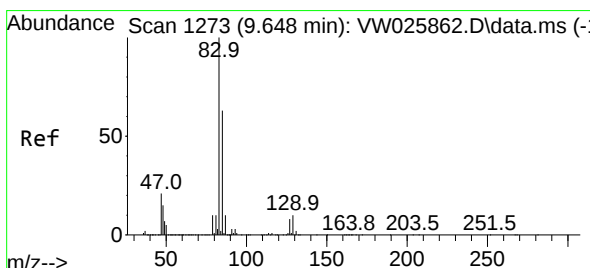
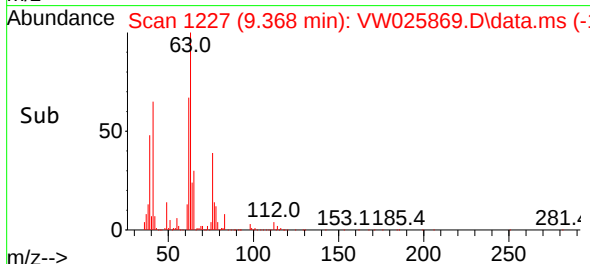
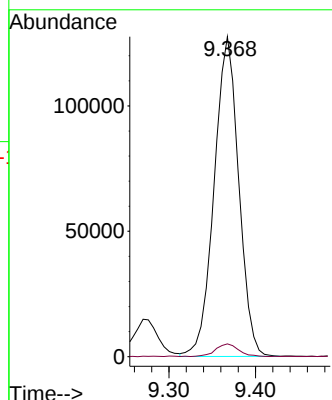
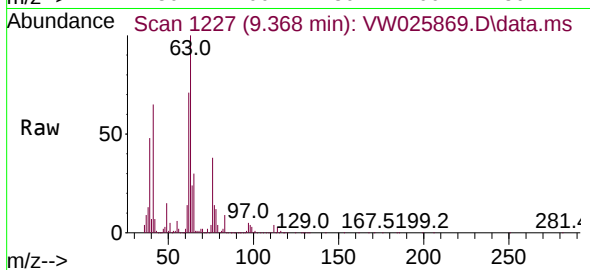
ClientSampleId :

Tgt Ion: 63 Resp: 251695

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 26.380 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

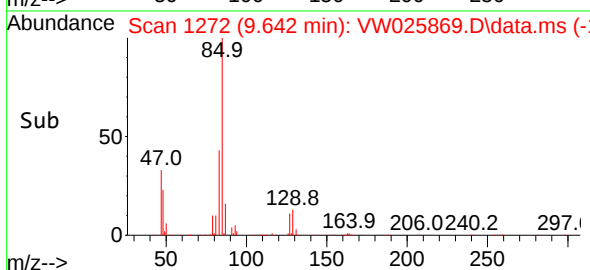
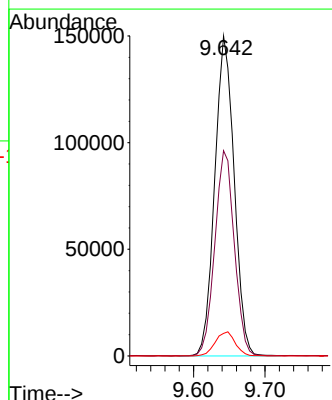
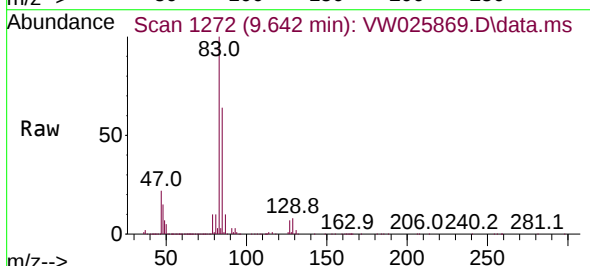
Tgt Ion: 83 Resp: 282938

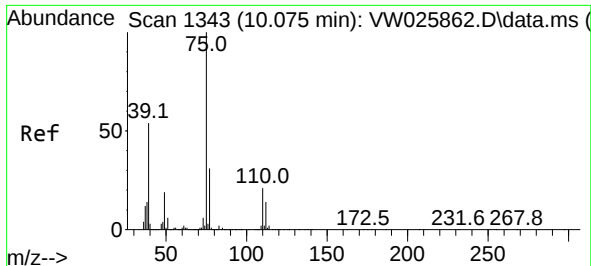
Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.5

127 7.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 25.889 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

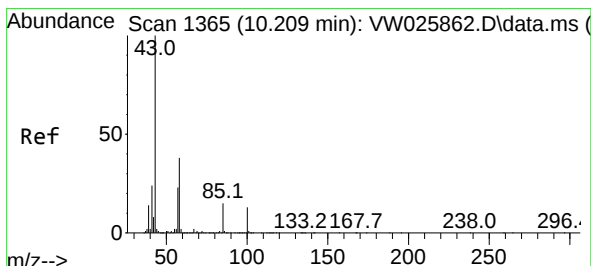
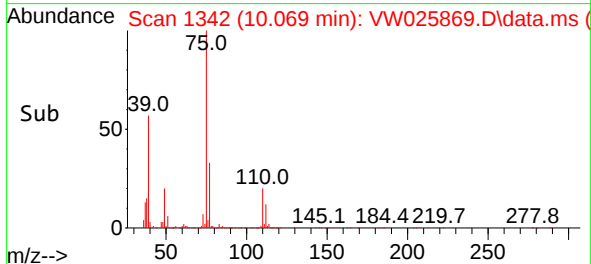
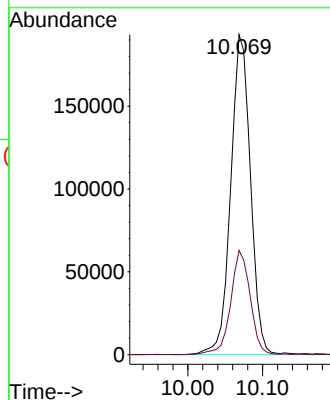
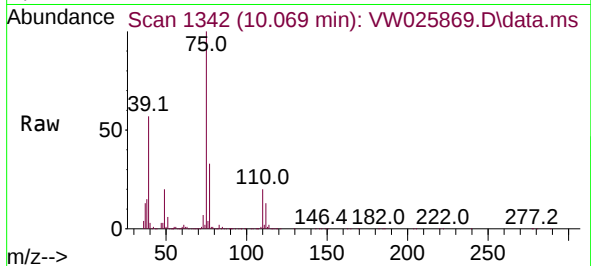
ClientSampleId :

Tgt Ion: 75 Resp: 354928

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.435 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

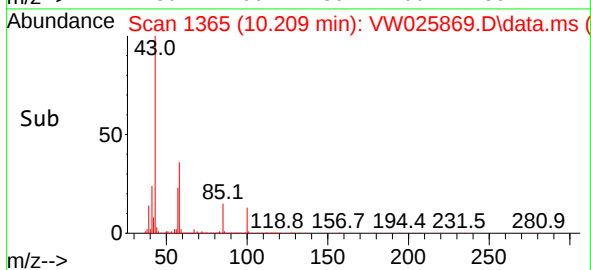
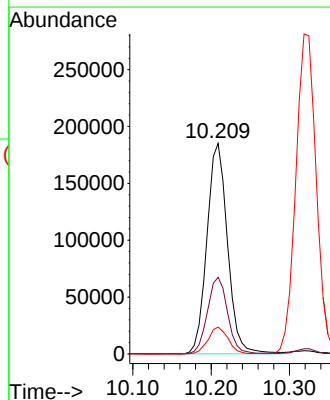
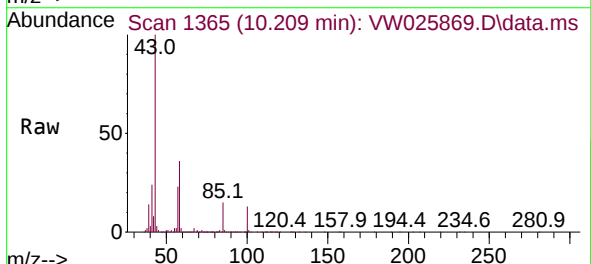
Tgt Ion: 43 Resp: 337327

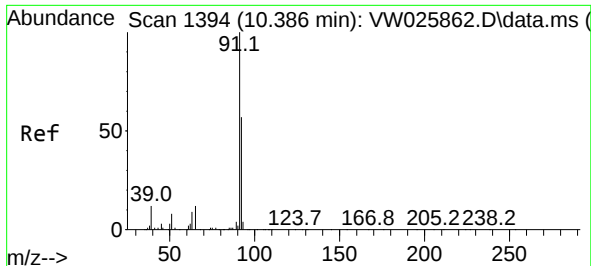
Ion Ratio Lower Upper

43 100

58 35.8 29.4 44.0

100 12.5 10.1 15.1





#42

Toluene

Concen: 27.516 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

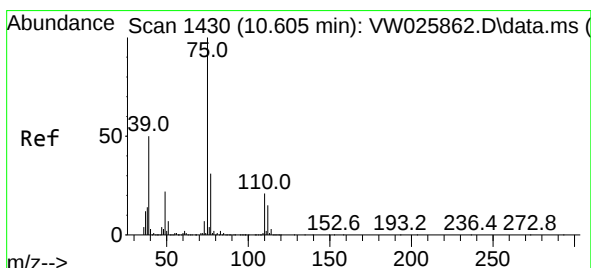
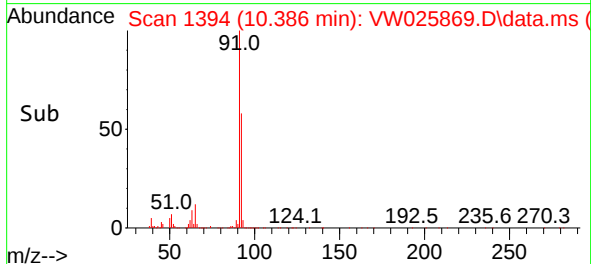
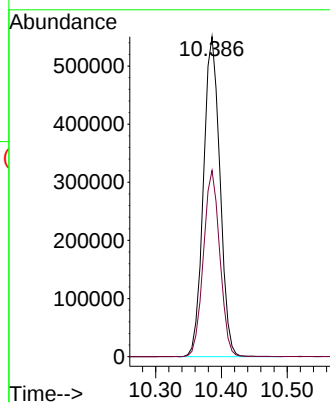
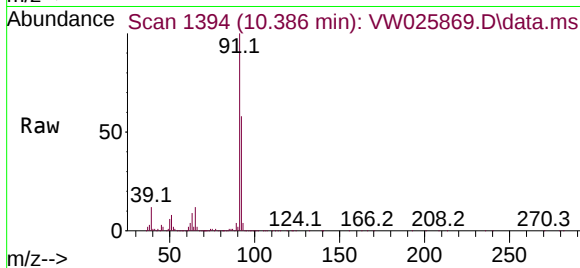
ClientSampleId :

Tgt Ion: 91 Resp: 959349

Ion Ratio Lower Upper

91 100

92 58.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 26.082 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025869.D

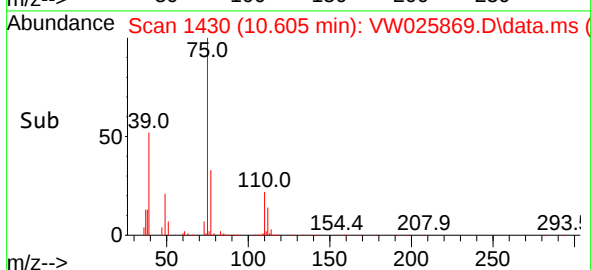
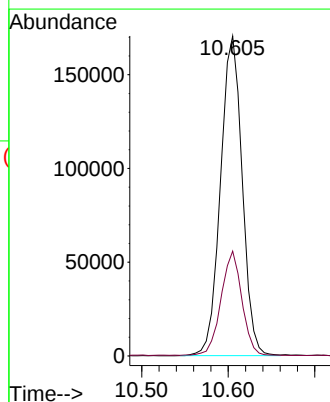
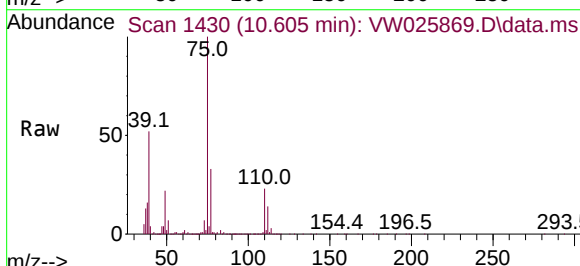
Acq: 05 May 2023 14:29

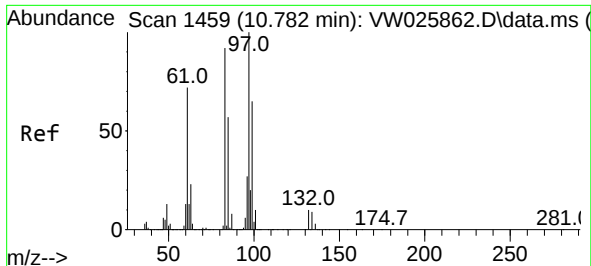
Tgt Ion: 75 Resp: 296283

Ion Ratio Lower Upper

75 100

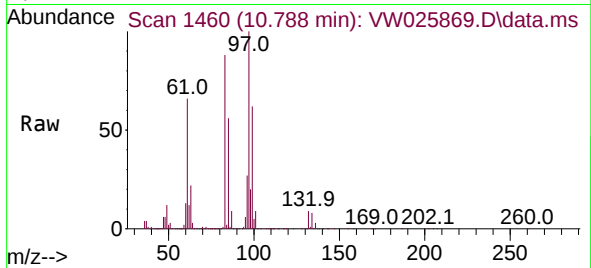
77 32.8 21.8 40.4



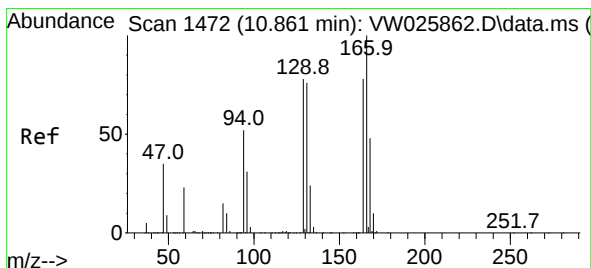
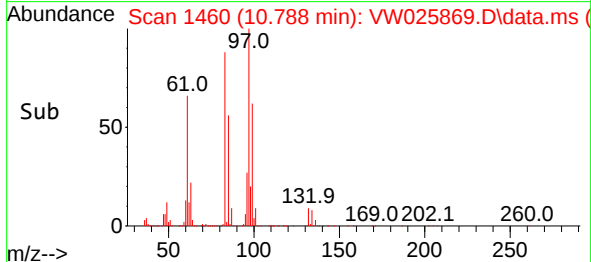
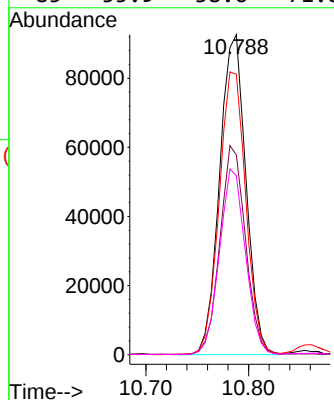


#45
1,1,2-Trichloroethane
Concen: 26.346 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Instrument :
MSVOA_W
ClientSampleId :

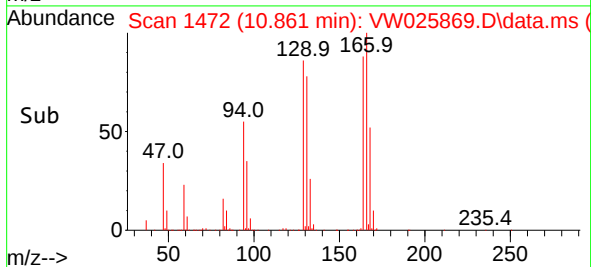
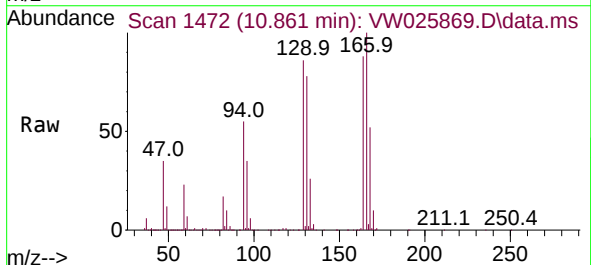
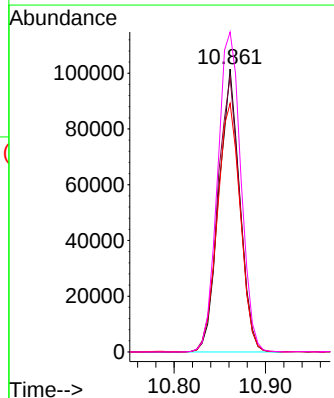


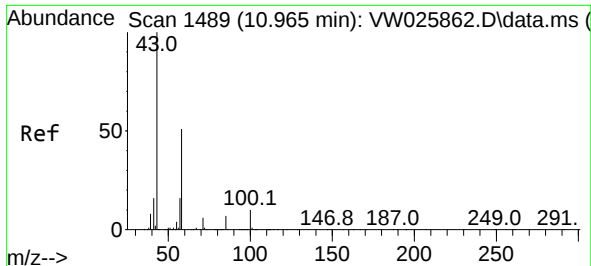
Tgt Ion: 97	Resp: 164756
Ion Ratio	Lower Upper
97 100	
99 62.4	44.5 82.7
83 87.6	63.0 117.0
85 55.9	38.6 71.8



#46
Tetrachloroethene
Concen: 26.323 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt	Ion:164	Resp:	162148
Ion	Ratio	Lower	Upper
164	100		
129	97.2	74.3	138.1
131	87.9	71.3	132.3
166	113.1	91.5	169.9

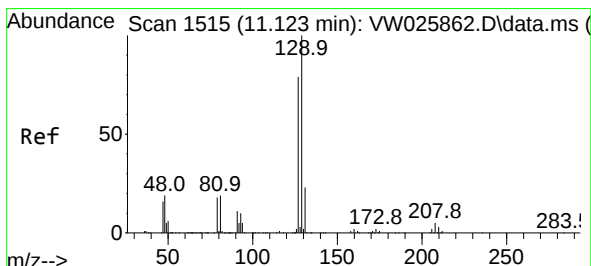
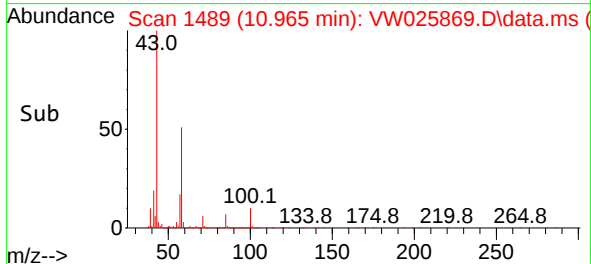
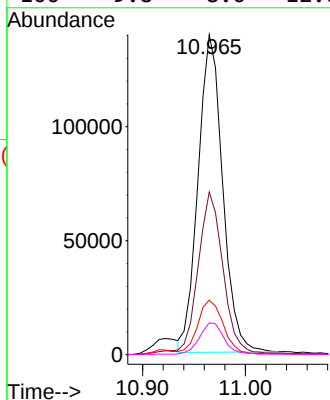
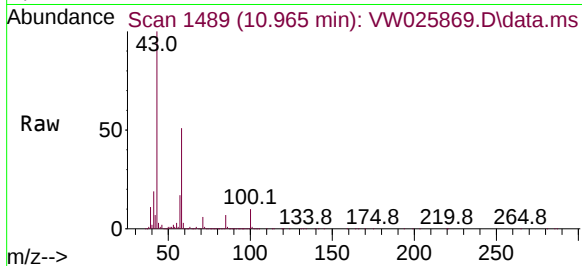




#48
2-Hexanone
Concen: 53.218 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

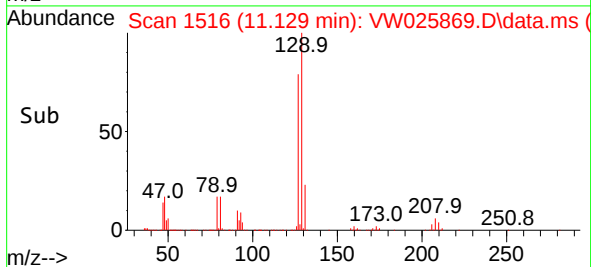
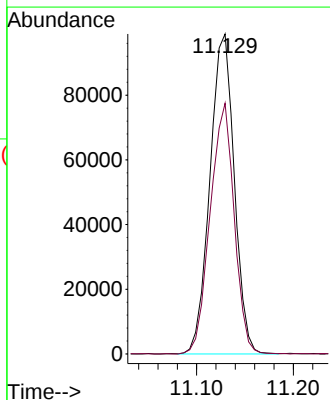
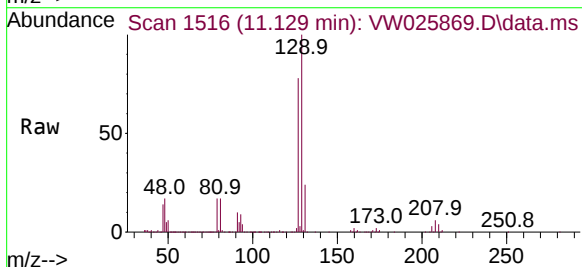
Instrument :
MSVOA_W
ClientSampleId :

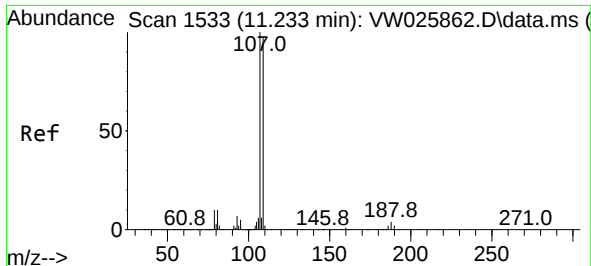
Tgt Ion: 43 Resp: 231993
Ion Ratio Lower Upper
43 100
58 50.0 40.8 61.2
57 18.4 13.6 20.4
100 9.8 8.0 12.0



#49
Dibromochloromethane
Concen: 26.734 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion: 129 Resp: 173086
Ion Ratio Lower Upper
129 100
127 78.3 56.1 104.3





#50

1,2-Dibromoethane

Concen: 26.779 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

ClientSampleId :

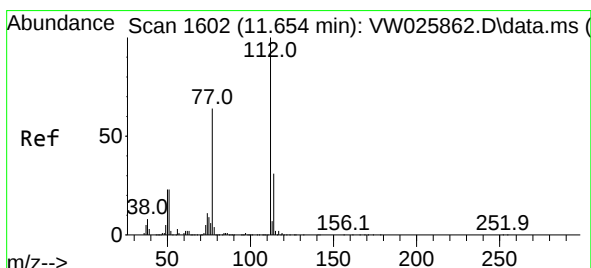
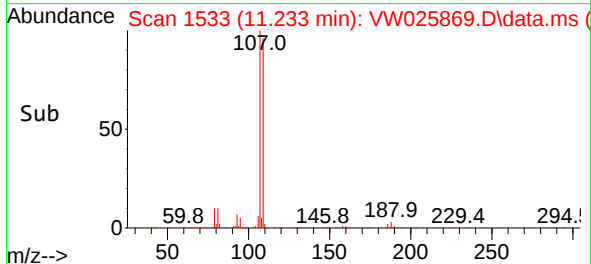
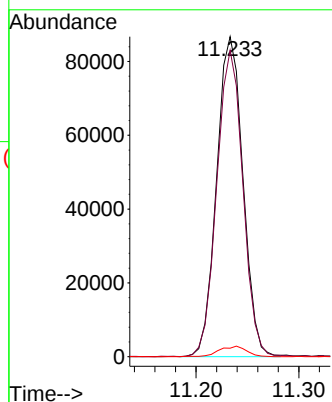
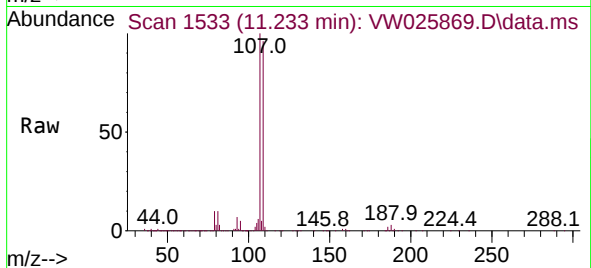
Tgt Ion:107 Resp: 154382

Ion Ratio Lower Upper

107 100

109 95.8 67.5 125.4

188 2.6 2.6 4.0



#51

Chlorobenzene

Concen: 26.501 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

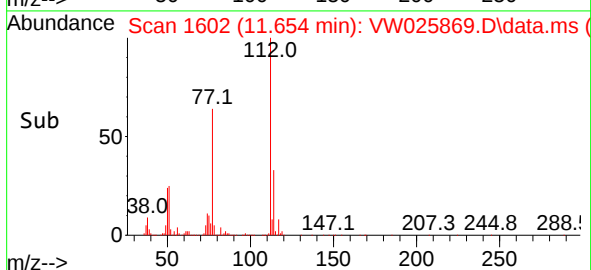
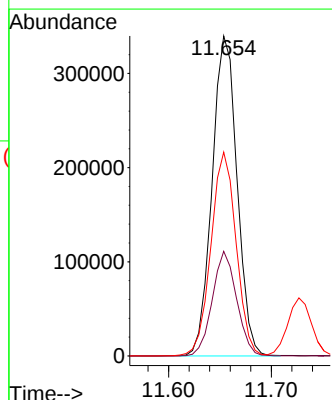
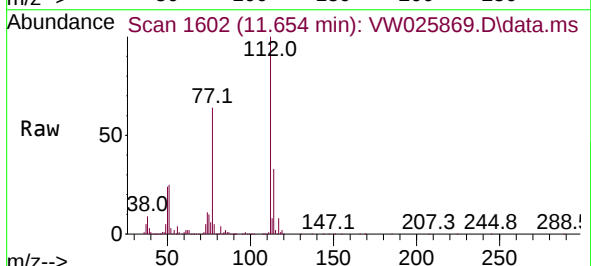
Tgt Ion:112 Resp: 572382

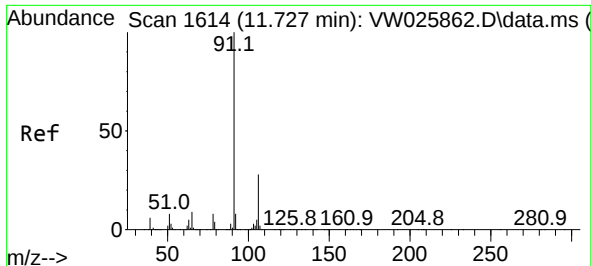
Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.3

77 63.7 53.0 79.6

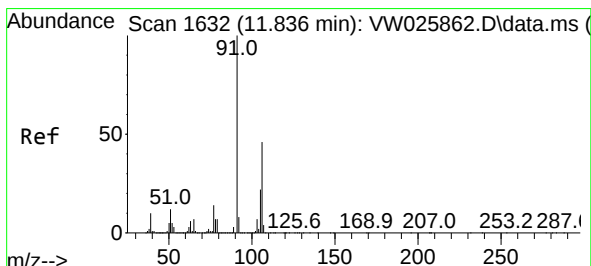
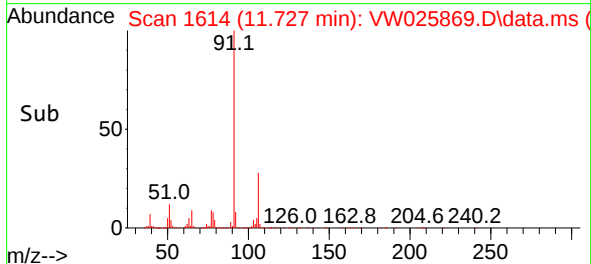
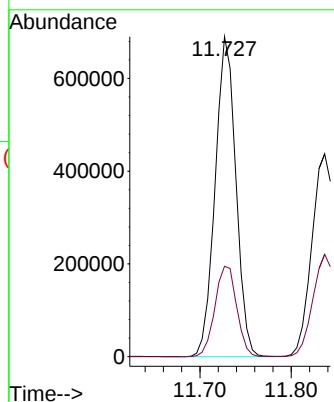
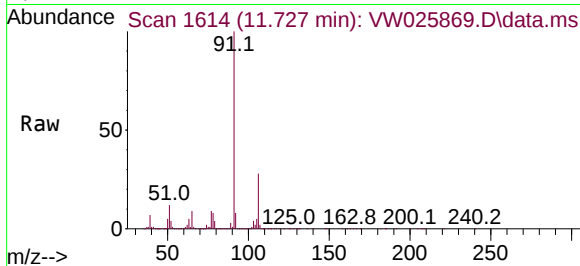




#52
Ethylbenzene
Concen: 27.744 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

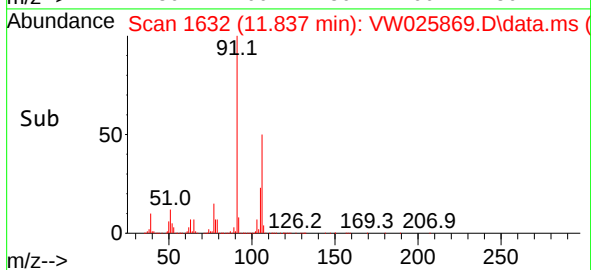
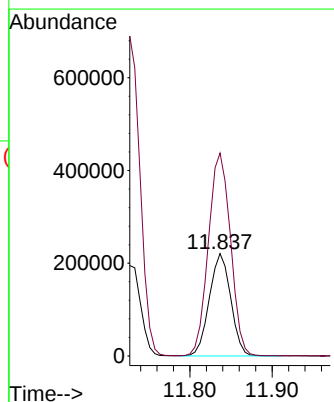
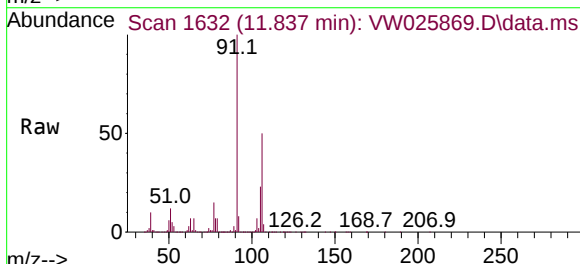
Instrument :
MSVOA_W
ClientSampleId :

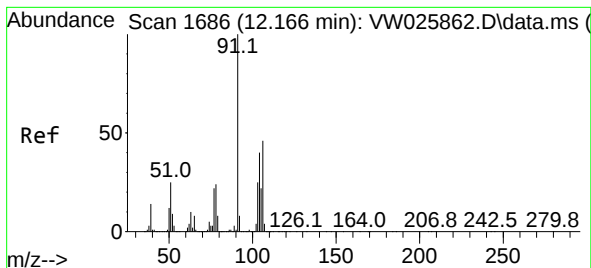
Tgt Ion: 91 Resp: 1088093
Ion Ratio Lower Upper
91 100
106 28.2 20.8 38.6



#53
m,p-Xylene
Concen: 27.615 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion:106 Resp: 398613
Ion Ratio Lower Upper
106 100
91 198.3 150.1 278.9





#54

o-Xylene

Concen: 27.247 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

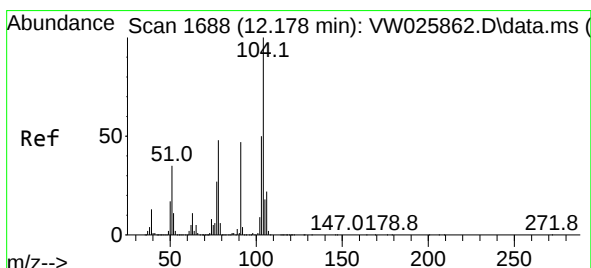
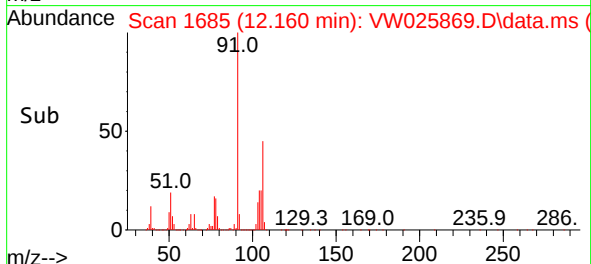
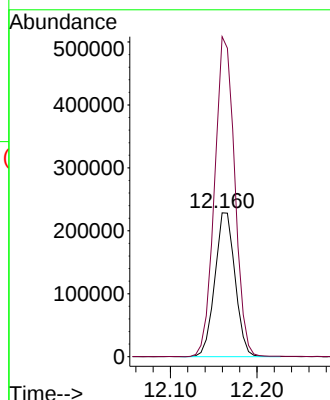
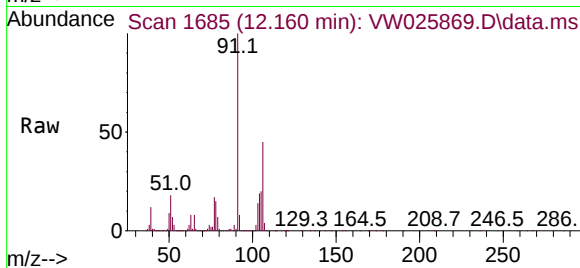
ClientSampleId :

Tgt Ion:106 Resp: 370702

Ion Ratio Lower Upper

106 100

91 222.5 157.8 293.1



#55

Styrene

Concen: 27.964 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025869.D

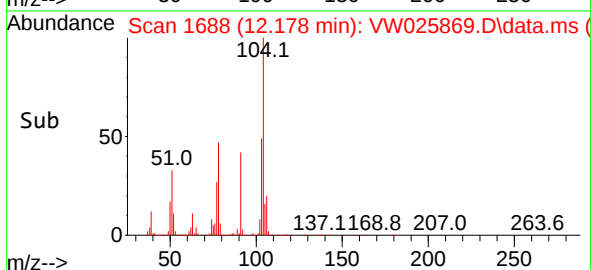
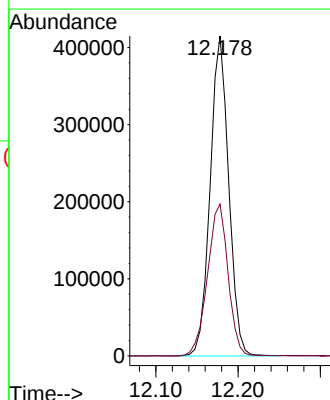
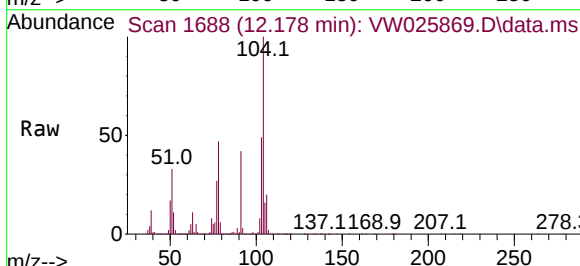
Acq: 05 May 2023 14:29

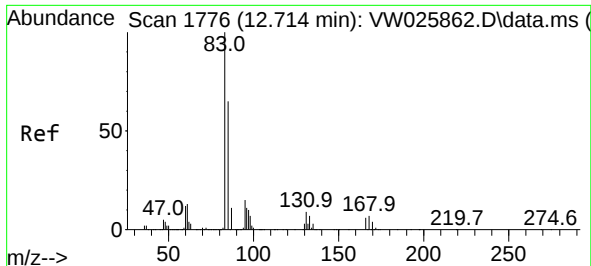
Tgt Ion:104 Resp: 651197

Ion Ratio Lower Upper

104 100

78 47.5 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.186 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

ClientSampleId :

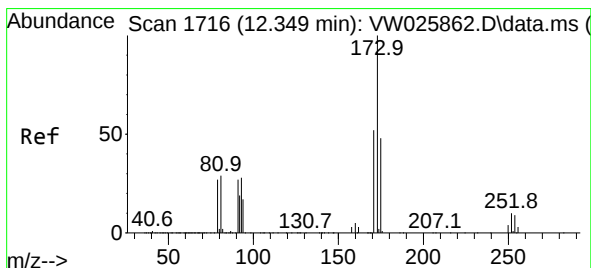
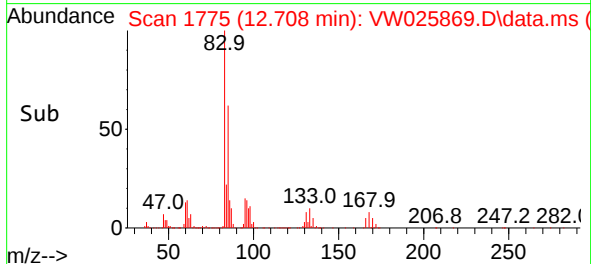
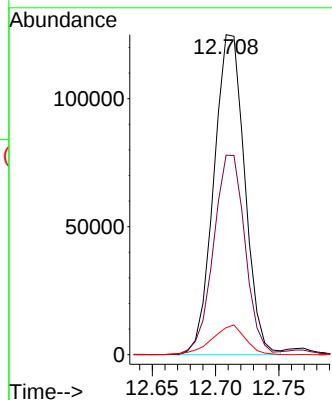
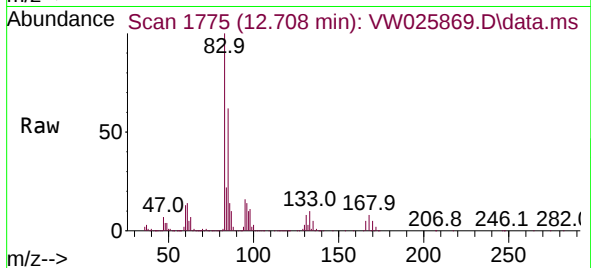
Tgt Ion: 83 Resp: 212137

Ion Ratio Lower Upper

83 100

85 62.3 45.6 84.8

131 8.5 8.1 12.1



#59

Bromoform

Concen: 26.288 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

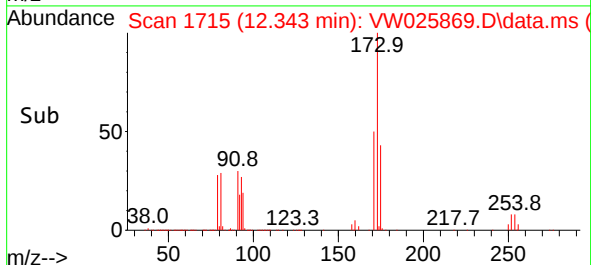
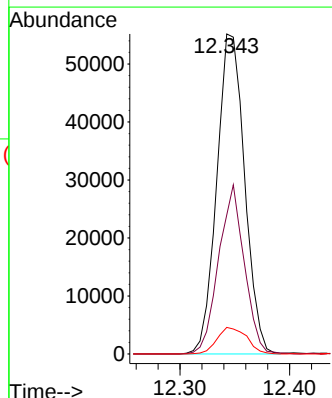
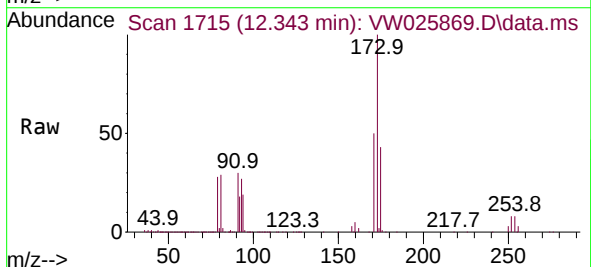
Tgt Ion:173 Resp: 97371

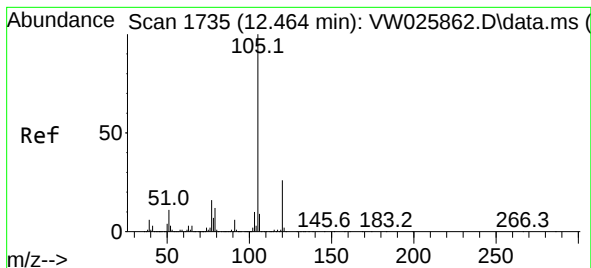
Ion Ratio Lower Upper

173 100

175 48.8 38.6 57.8

254 8.9 7.6 11.4





#60

Isopropylbenzene

Concen: 27.557 ug/L

RT: 12.458 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

ClientSampleId :

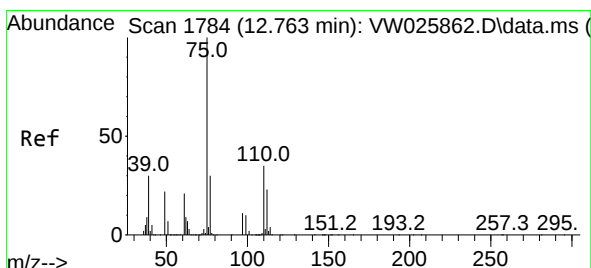
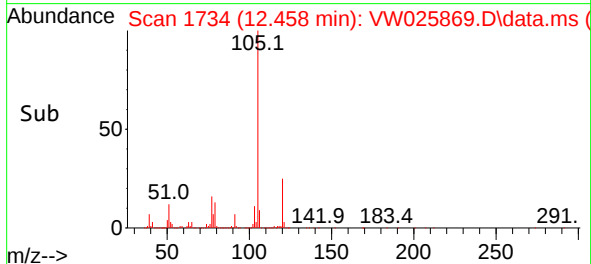
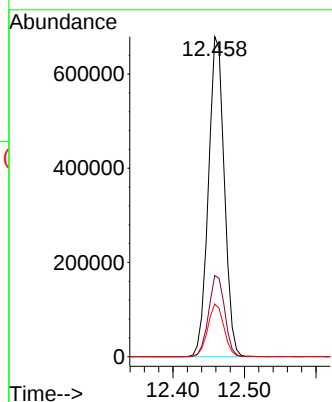
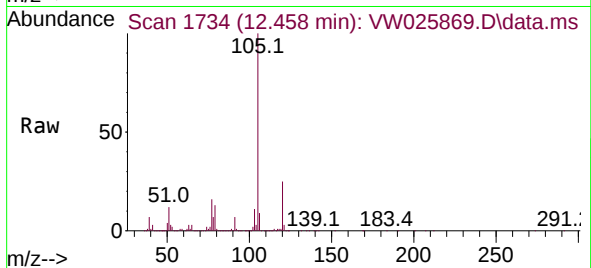
Tgt Ion:105 Resp: 1047476

Ion Ratio Lower Upper

105 100

120 25.7 21.1 31.7

77 16.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 26.457 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

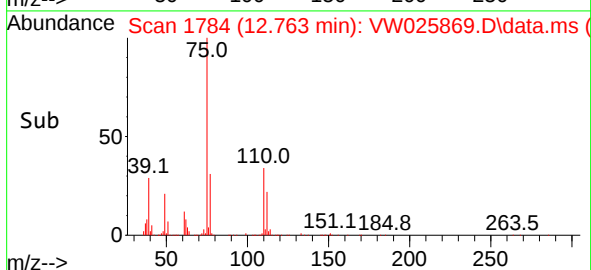
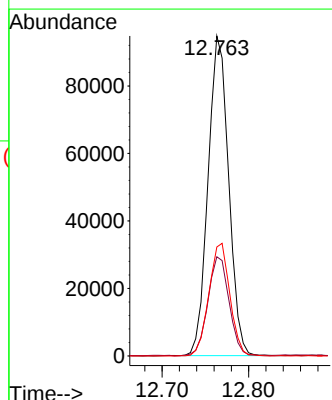
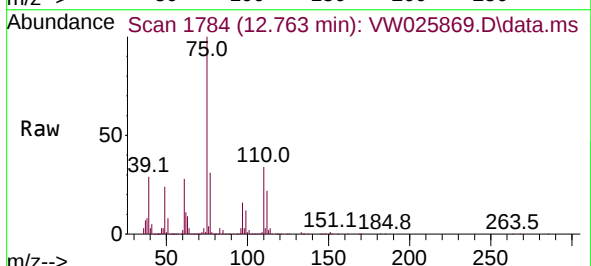
Tgt Ion: 75 Resp: 156357

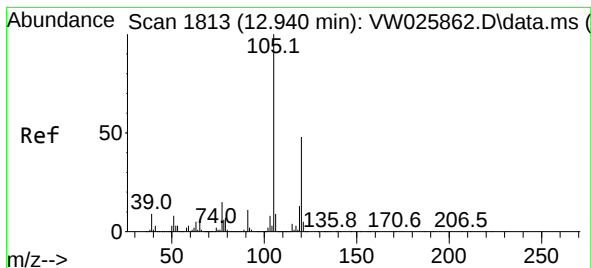
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

110 35.9 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 27.906 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

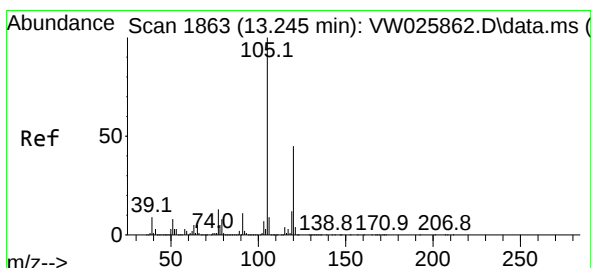
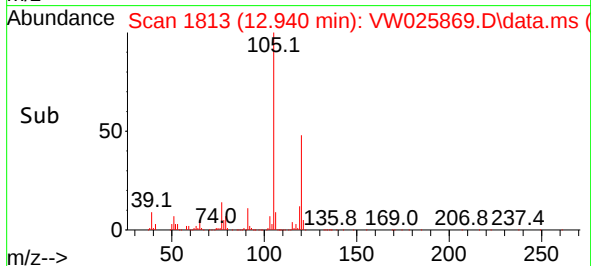
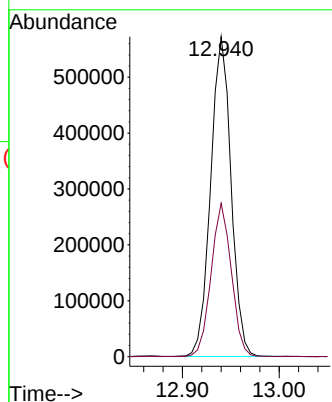
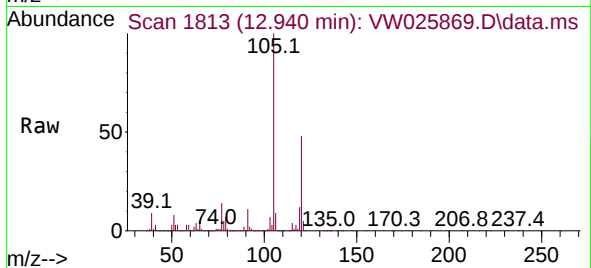
ClientSampleId :

Tgt Ion:105 Resp: 840157

Ion Ratio Lower Upper

105 100

120 47.4 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 27.721 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW025869.D

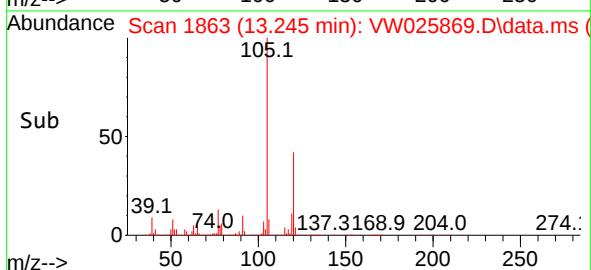
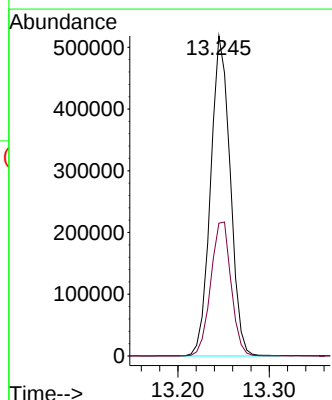
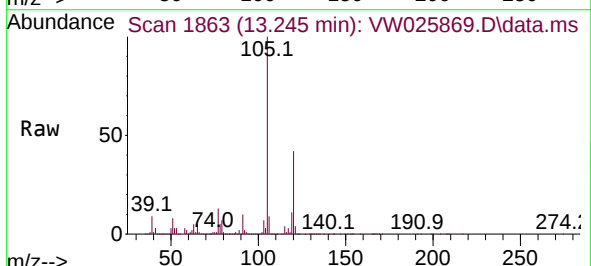
Acq: 05 May 2023 14:29

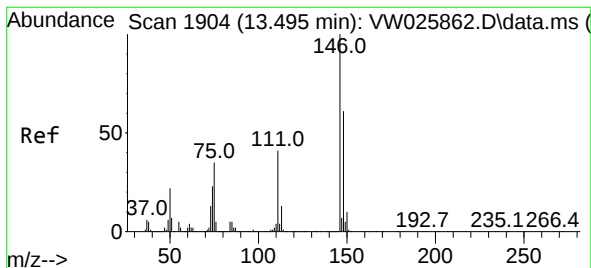
Tgt Ion:105 Resp: 770160

Ion Ratio Lower Upper

105 100

120 43.5 34.7 52.1

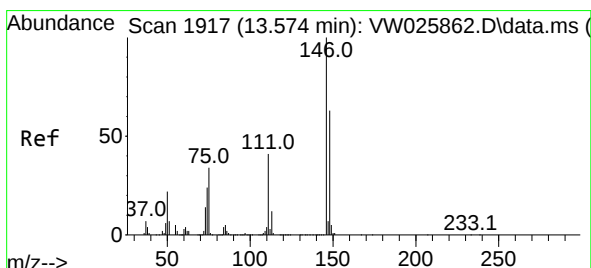
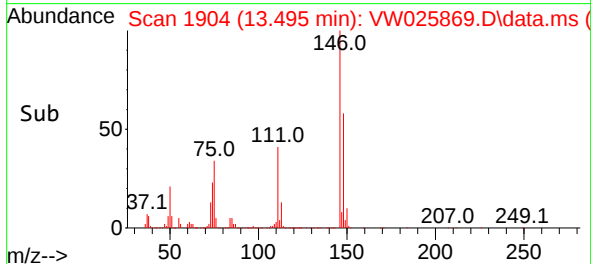
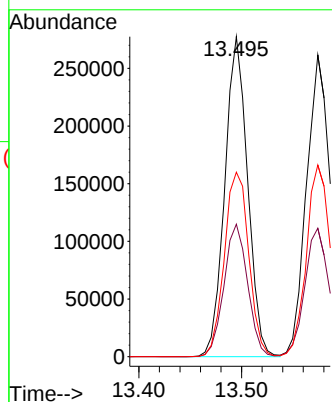
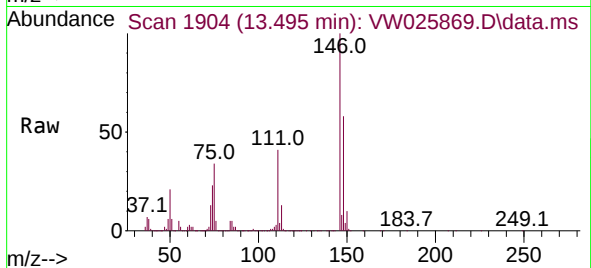




#64
1,3-Dichlorobenzene
Concen: 26.125 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

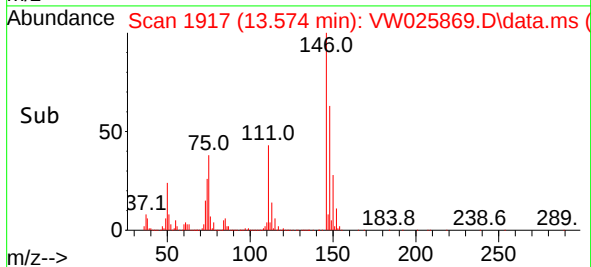
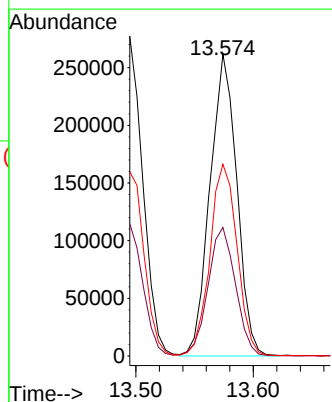
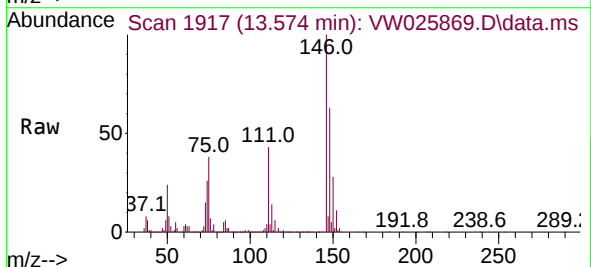
Instrument :
MSVOA_W
ClientSampleId :

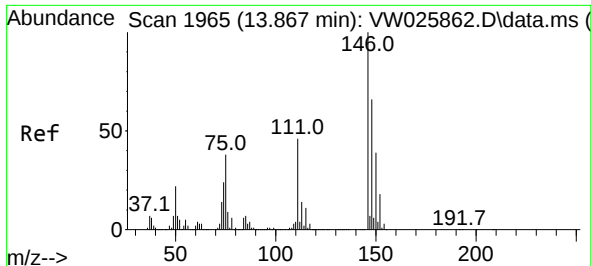
Tgt Ion:146 Resp: 427493
Ion Ratio Lower Upper
146 100
111 41.4 30.4 56.4
148 57.6 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 25.143 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025869.D
Acq: 05 May 2023 14:29

Tgt Ion:146 Resp: 415657
Ion Ratio Lower Upper
146 100
111 42.6 27.9 51.9
148 63.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 25.678 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

ClientSampleId :

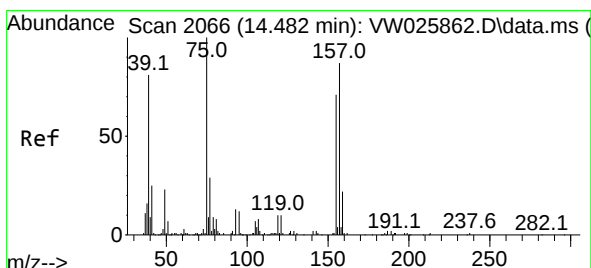
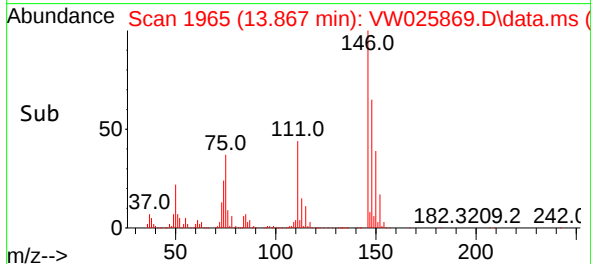
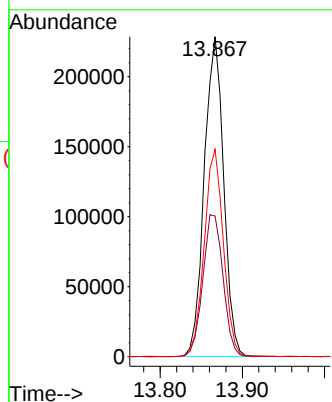
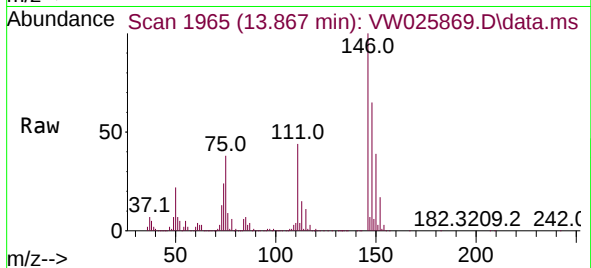
Tgt Ion:146 Resp: 374721

Ion Ratio Lower Upper

146 100

111 43.9 37.7 56.5

148 64.8 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.803 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

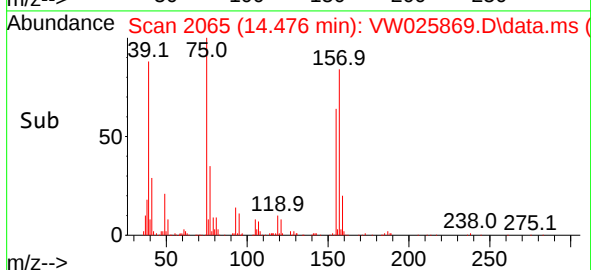
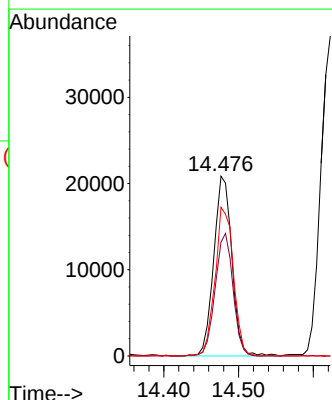
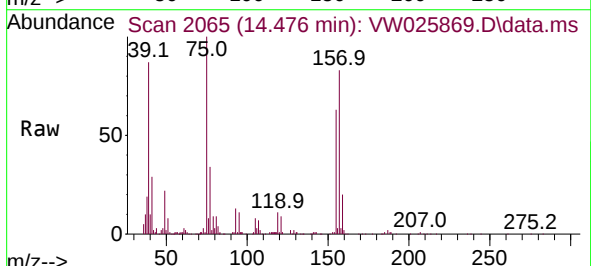
Tgt Ion: 75 Resp: 35362

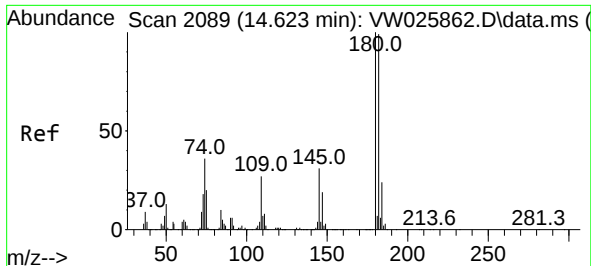
Ion Ratio Lower Upper

75 100

155 63.3 56.3 84.5

157 82.7 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 24.550 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 266658

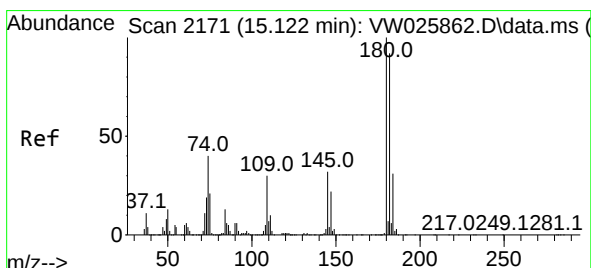
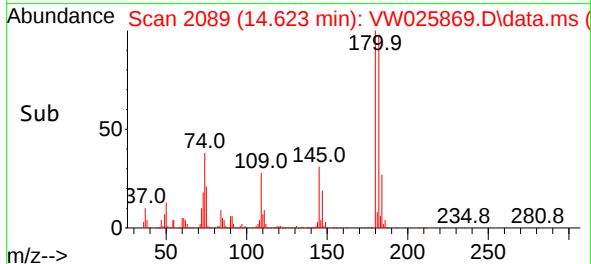
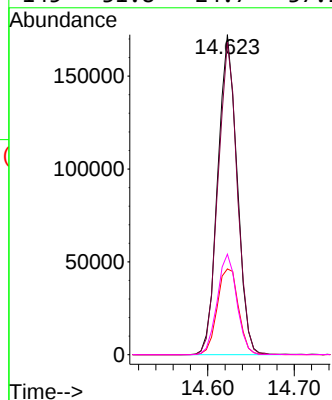
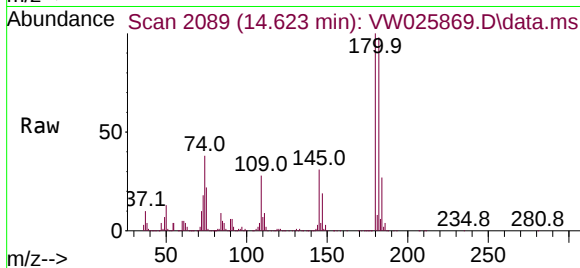
Ion Ratio Lower Upper

180 100

182 97.2 77.4 116.0

184 29.6 24.7 37.1

145 31.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 24.991 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

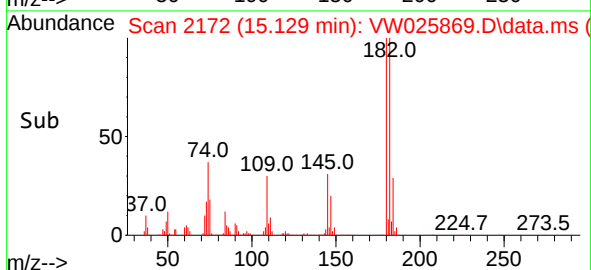
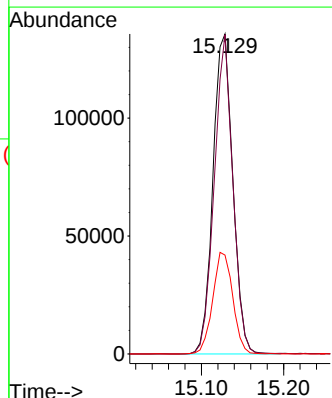
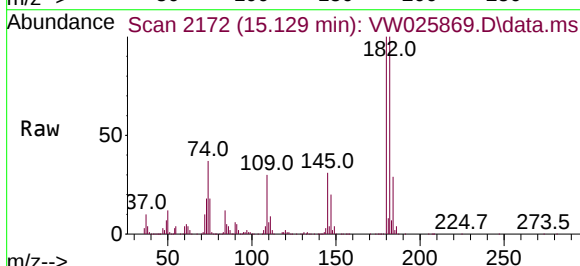
Tgt Ion:180 Resp: 227407

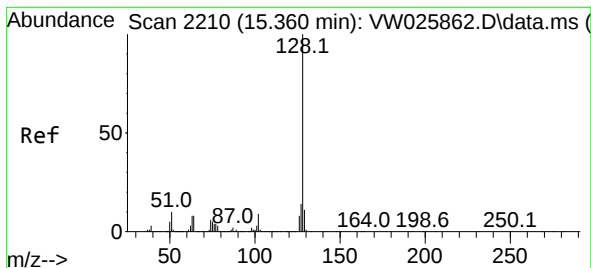
Ion Ratio Lower Upper

180 100

182 93.3 74.3 111.5

145 32.1 25.4 38.0





#71

Naphthalene

Concen: 27.174 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Instrument :

MSVOA_W

ClientSampleId :

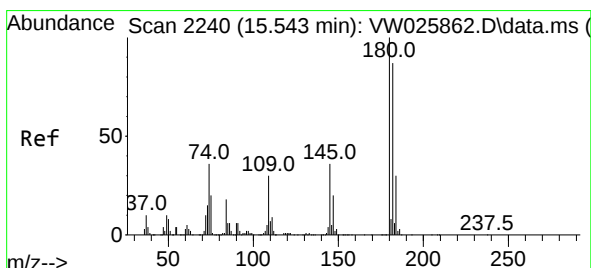
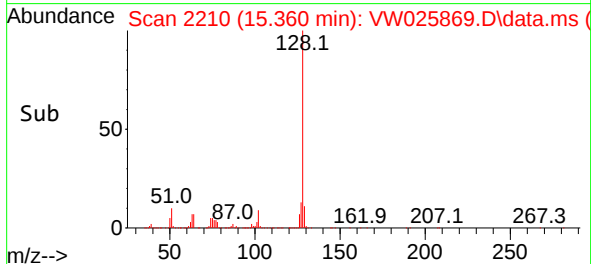
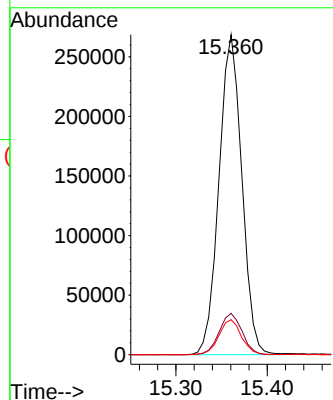
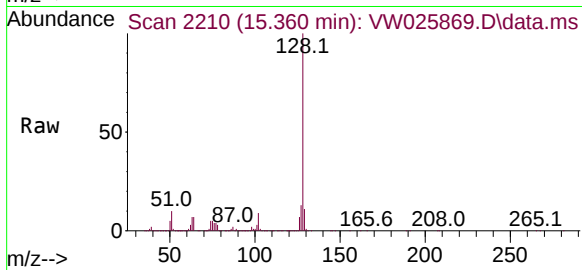
Tgt Ion:128 Resp: 466704

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.003 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW025869.D

Acq: 05 May 2023 14:29

Tgt Ion:180 Resp: 209949

Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

145 33.7 28.0 42.0

