

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042991.D
 Acq On : 09 Aug 2024 13:06
 Operator : JC/MD
 Sample : P3514-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR-05-459-475-080724

Quant Time: Aug 09 16:27:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

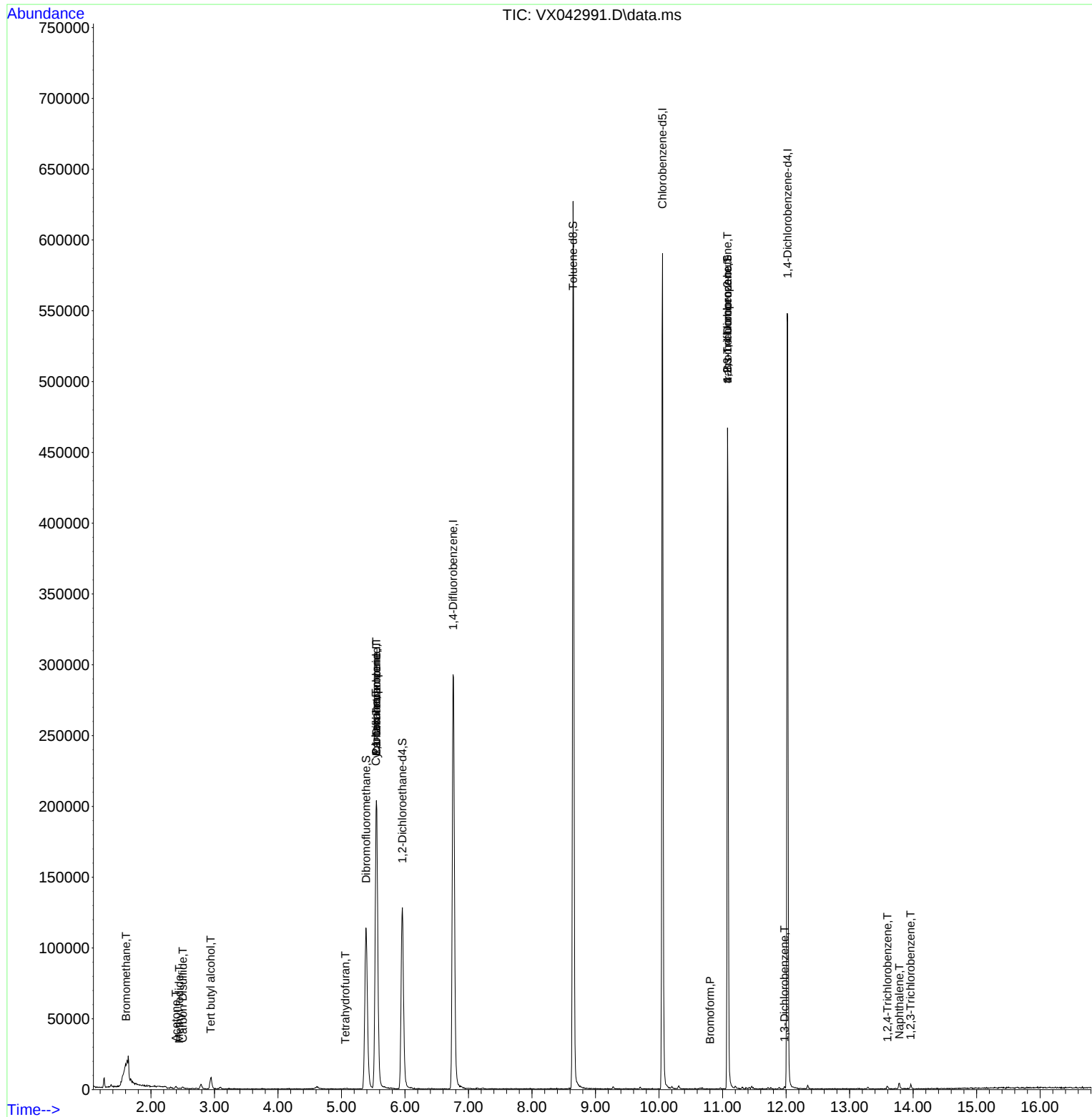
Internal Standards						
1) Pentafluorobenzene	5.550	168	192798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	308709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129843	49.058	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.120%
35) Dibromofluoromethane	5.385	113	99093	49.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	8.647	98	374593	52.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.560%
62) 4-Bromofluorobenzene	11.079	95	122988	47.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	1074	0.826	ug/l #	73
10) Methyl Iodide	2.447	142	455	0.209	ug/l #	52
11) Tert butyl alcohol	2.941	59	4802	9.121	ug/l #	80
16) Acetone	2.392	43	1313	1.144	ug/l	95
17) Carbon Disulfide	2.502	76	1916	0.371	ug/l	98
20) Methylene Chloride	2.788	84	1750	Below Cal	#	82
29) Tetrahydrofuran	5.062	42	316	0.259	ug/l #	43
31) Cyclohexane	5.544	56	4220	1.274	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14872	5.434	ug/l #	47
38) Carbon Tetrachloride	5.550	117	19778	6.402	ug/l #	14
71) Bromoform	10.805	173	91	0.865	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	63475	23.695	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63475	77.045	ug/l #	5
87) 1,3-Dichlorobenzene	11.976	146	810	0.204	ug/l	86
93) 1,2,4-Trichlorobenzene	13.597	180	770	0.318	ug/l	89
95) Naphthalene	13.786	128	4185	0.499	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	992	0.407	ug/l	92

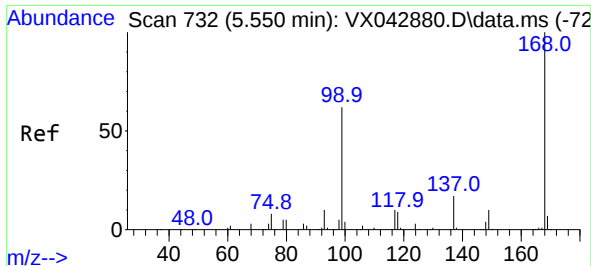
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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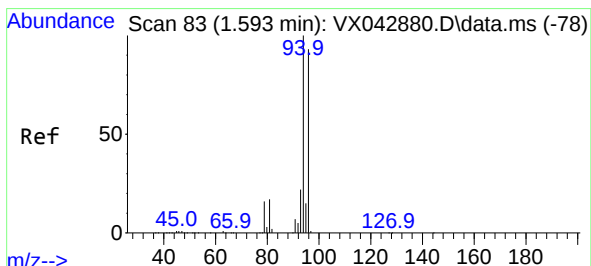
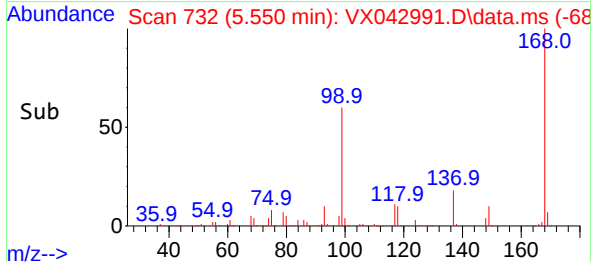
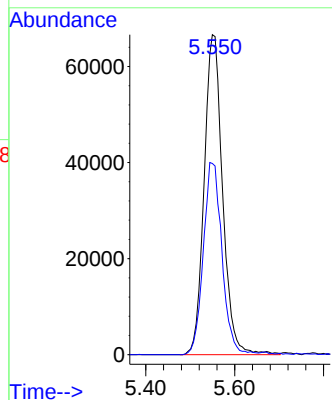
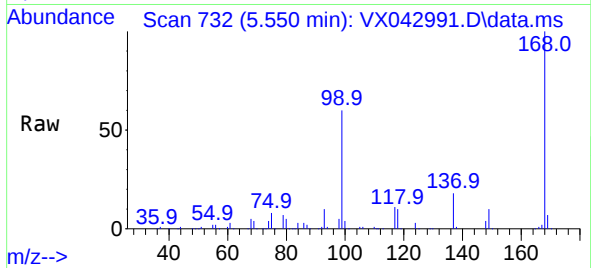




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

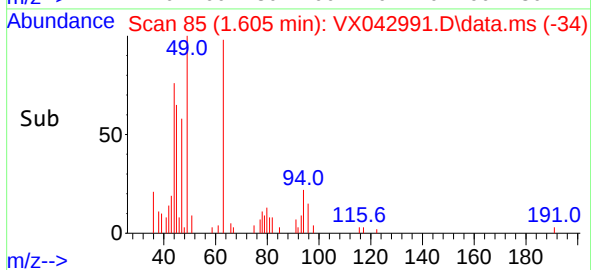
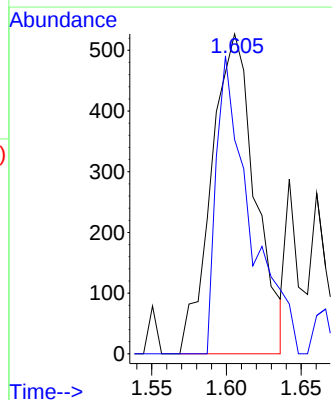
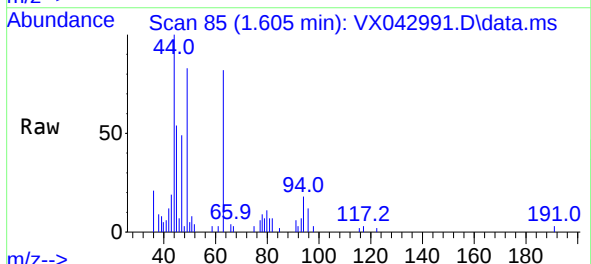
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

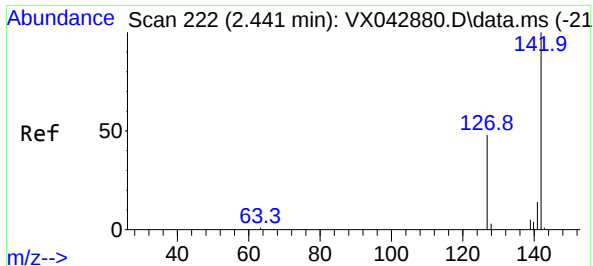
Tgt Ion:168 Resp: 192798
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#5
Bromomethane
Concen: 0.826 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

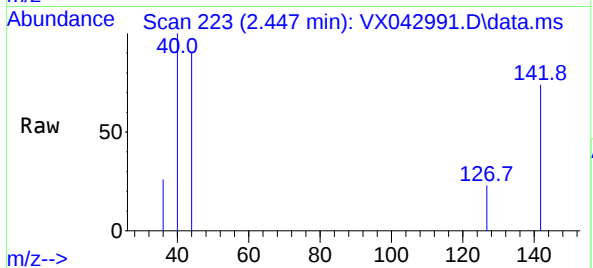
Tgt Ion: 94 Resp: 1074
Ion Ratio Lower Upper
94 100
96 67.0 74.6 111.8#



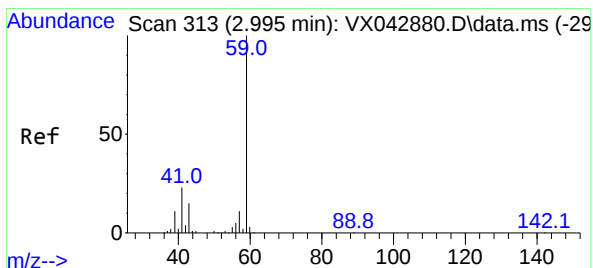
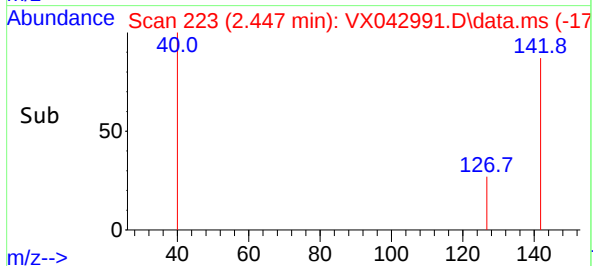
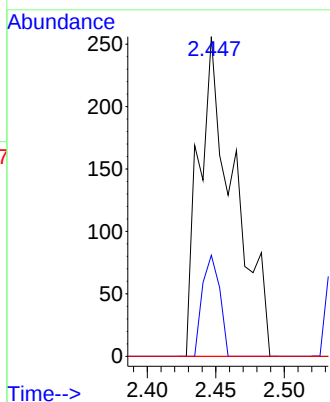


#10
Methyl Iodide
Concen: 0.209 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

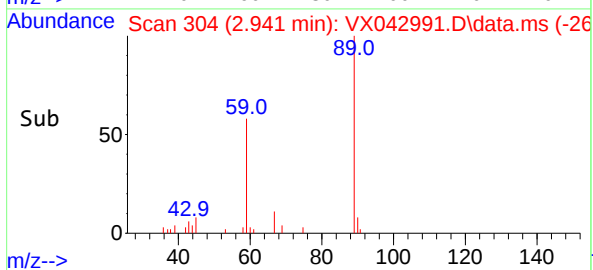
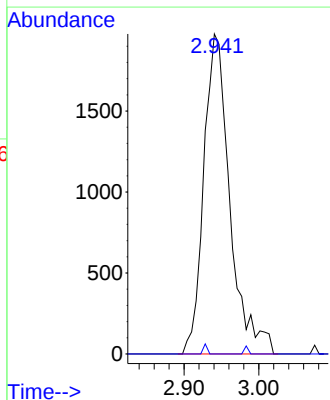
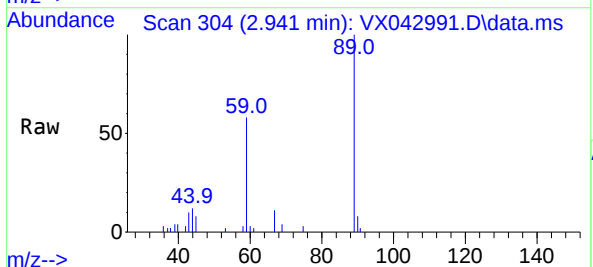


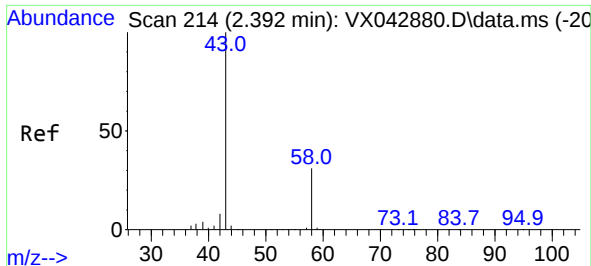
Tgt Ion:142 Resp: 455
Ion Ratio Lower Upper
142 100
127 15.6 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 9.121 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion: 59 Resp: 4802
Ion Ratio Lower Upper
59 100
57 0.5 6.0 9.0#

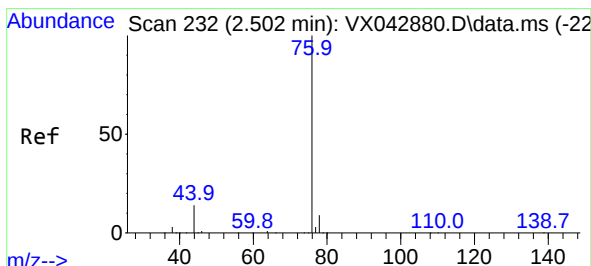
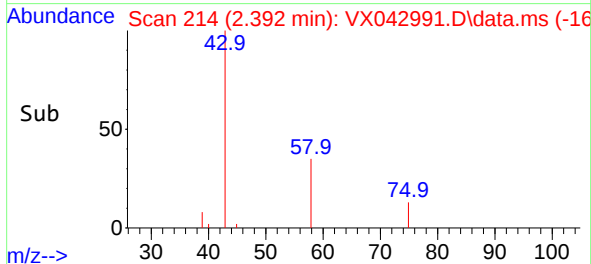
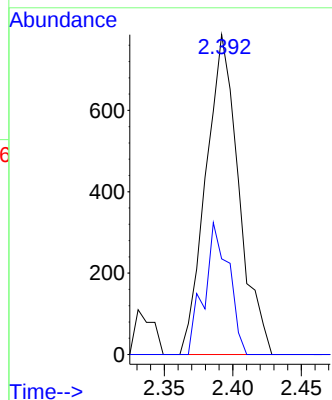
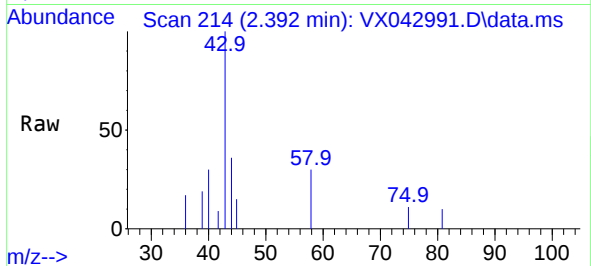




#16
Acetone
Concen: 1.144 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

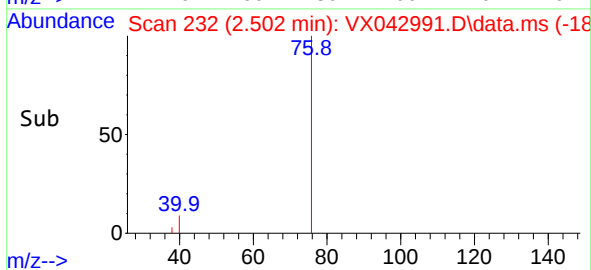
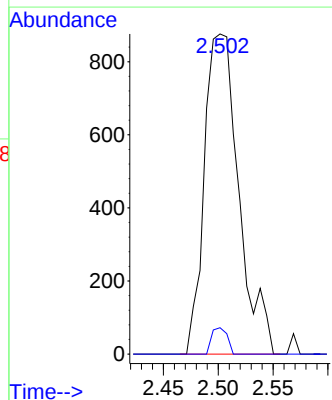
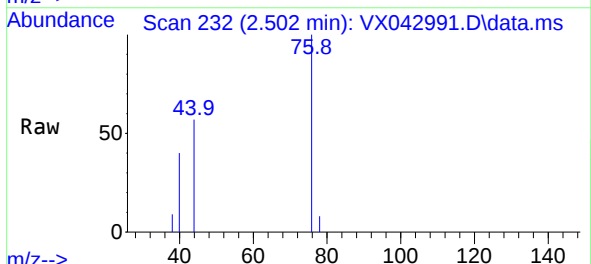
Instrument : MSVOA_X
ClientSampleId : GWBR-05-459-475-080724

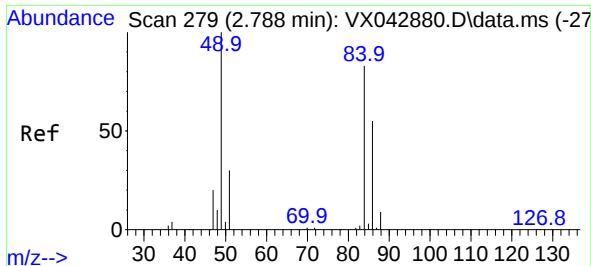
Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion: 76 Resp: 1916
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6



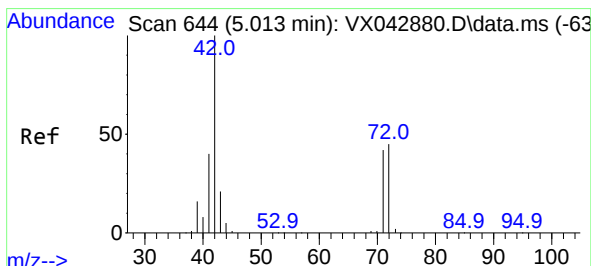
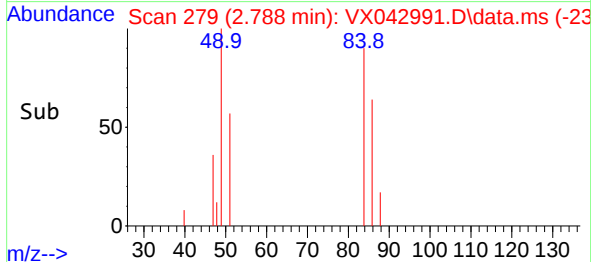
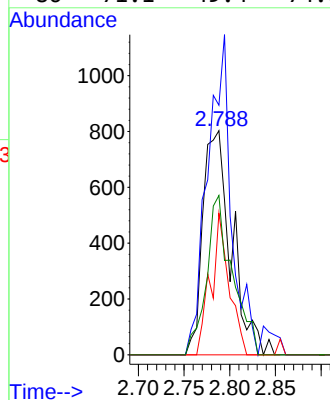
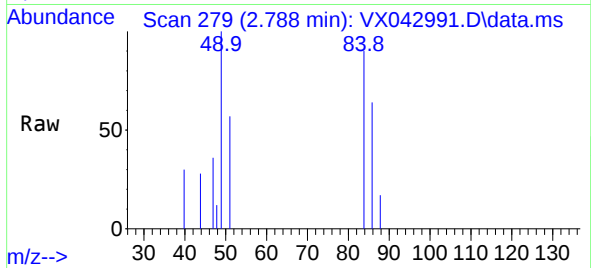


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

Tgt Ion: 84 Resp: 1750

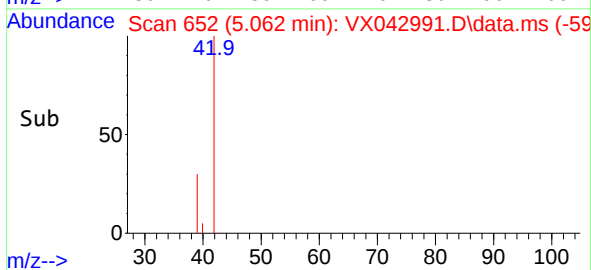
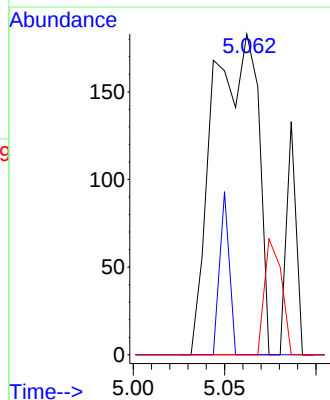
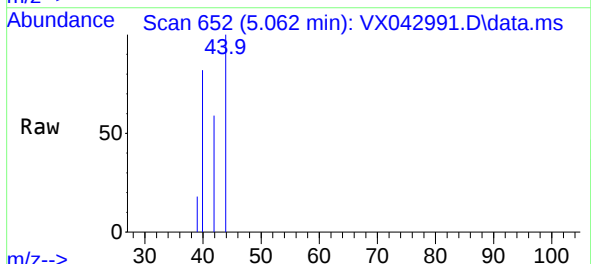
Ion	Ratio	Lower	Upper
84	100		
49	111.3	103.6	155.4
51	63.1	33.8	50.6#
86	71.1	49.4	74.0

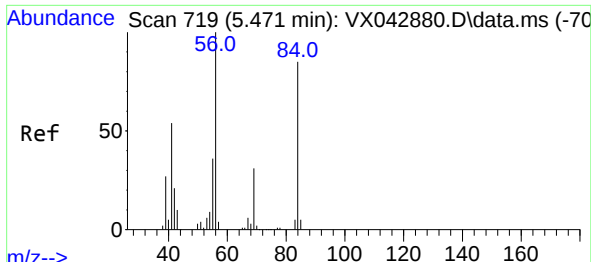


#29
Tetrahydrofuran
Concen: 0.259 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.049 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion: 42 Resp: 316

Ion	Ratio	Lower	Upper
42	100		
72	10.8	34.2	51.4#
71	0.0	32.2	48.2#

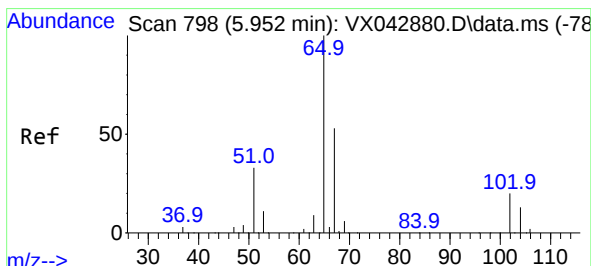
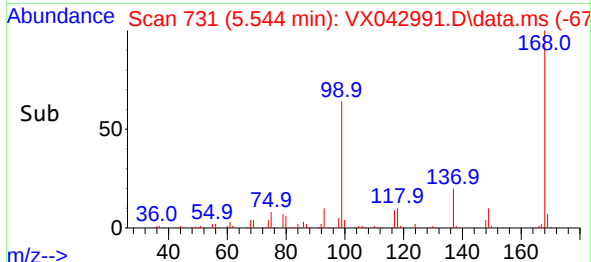
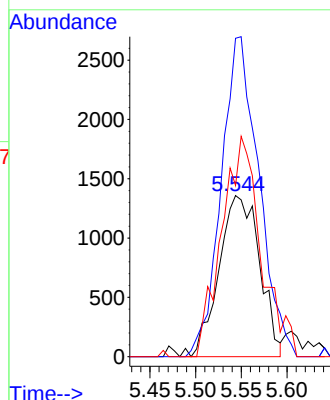
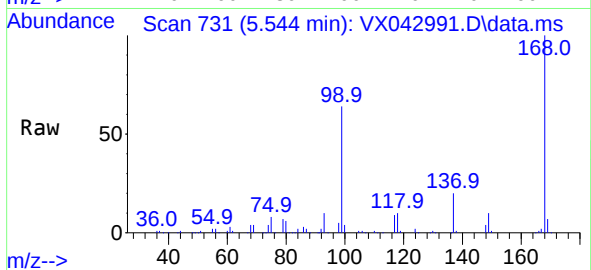




#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

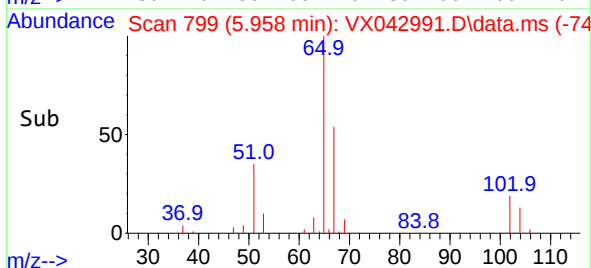
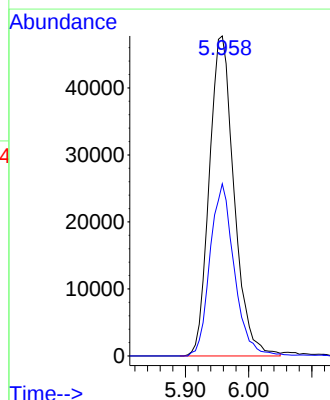
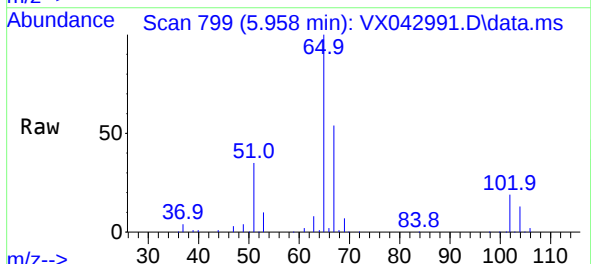
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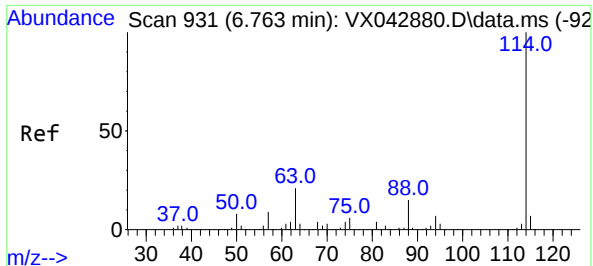
Tgt Ion: 56 Resp: 4220
Ion Ratio Lower Upper
56 100
69 197.6 23.4 35.2#
84 106.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.058 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion: 65 Resp: 129843
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

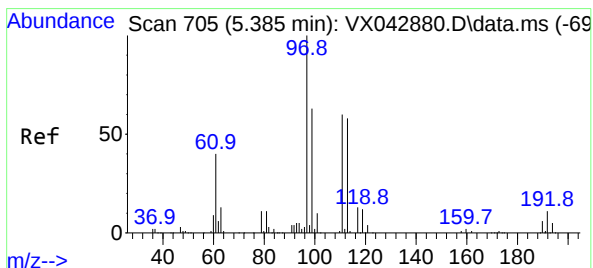
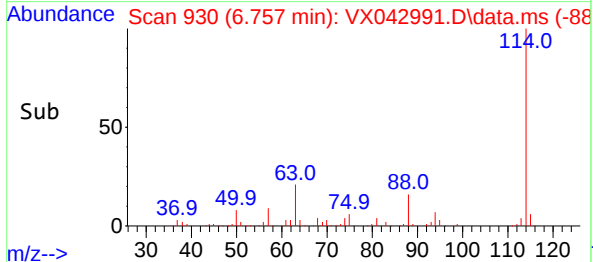
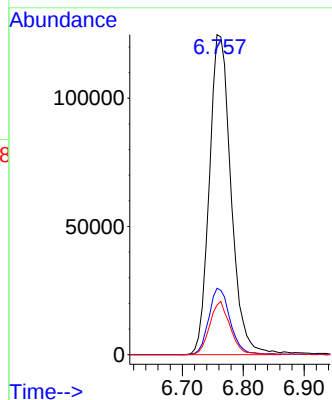
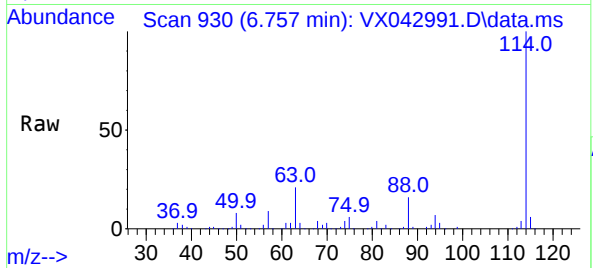




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

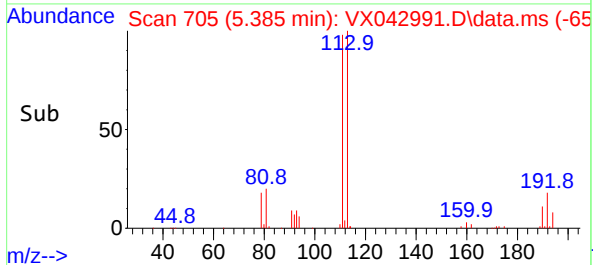
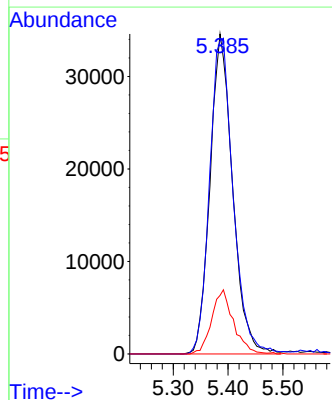
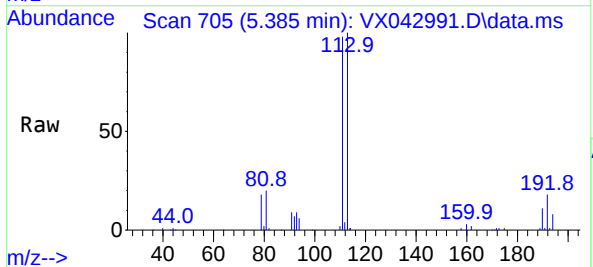
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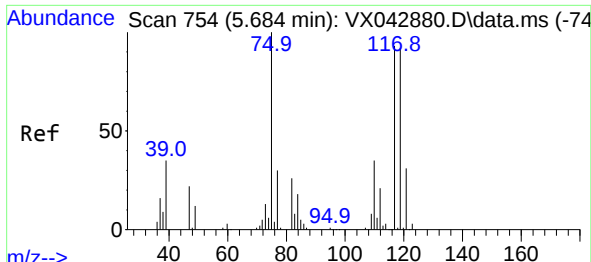
Tgt Ion:114 Resp: 308709
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion:113 Resp: 99093
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.4 13.3 19.9

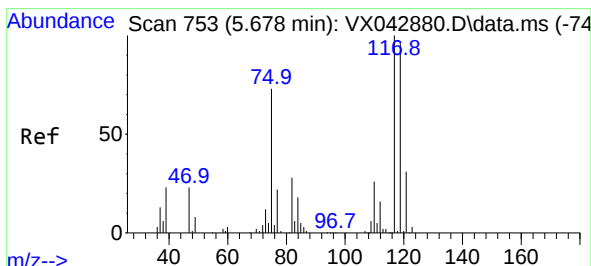
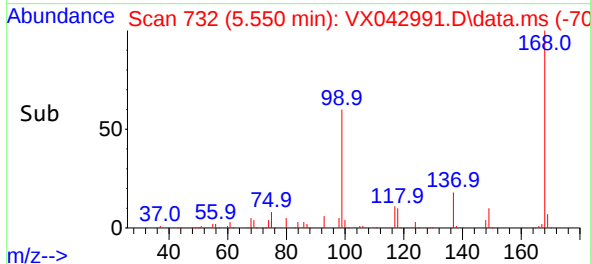
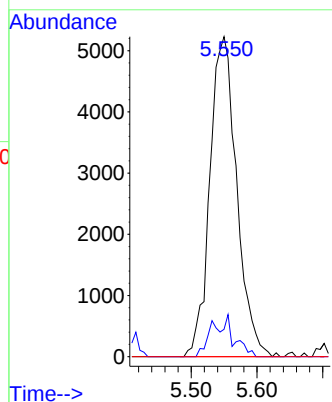
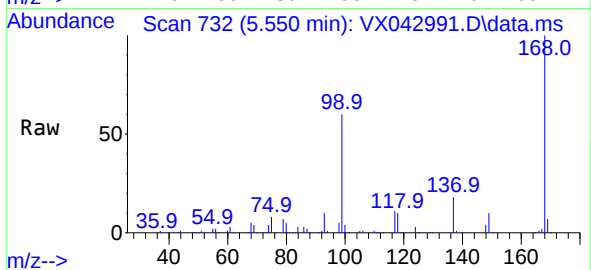




#36
1,1-Dichloropropene
Concen: 5.434 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

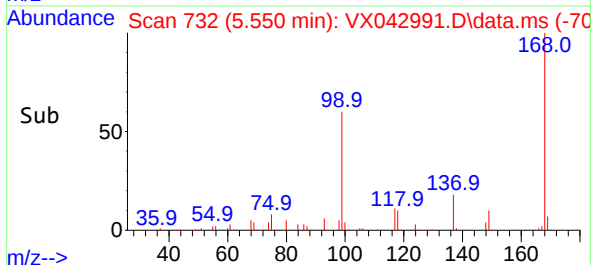
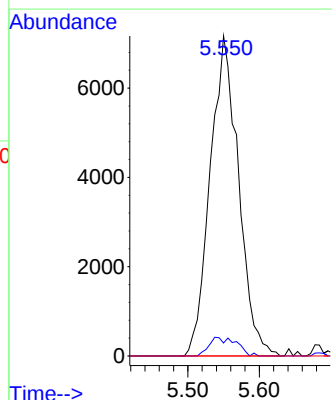
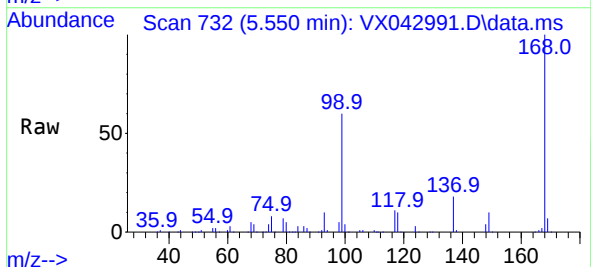
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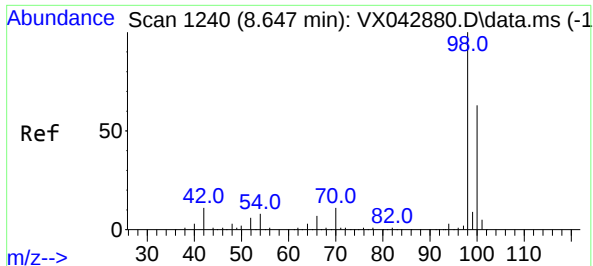
Tgt Ion: 75 Resp: 14872
Ion Ratio Lower Upper
75 100
110 5.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.402 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion: 117 Resp: 19778
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#

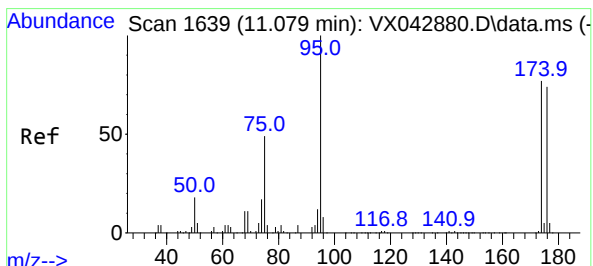
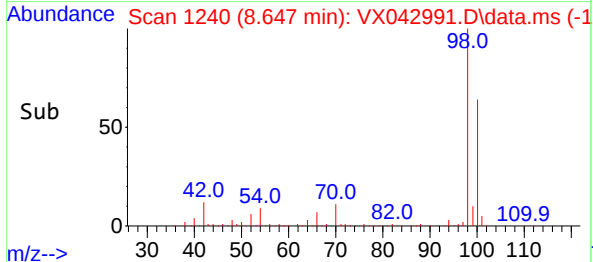
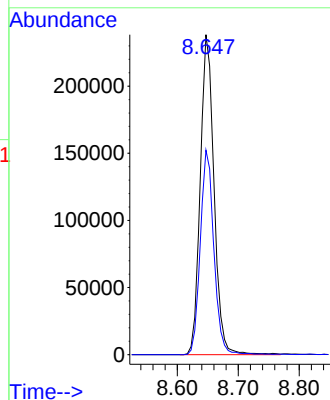
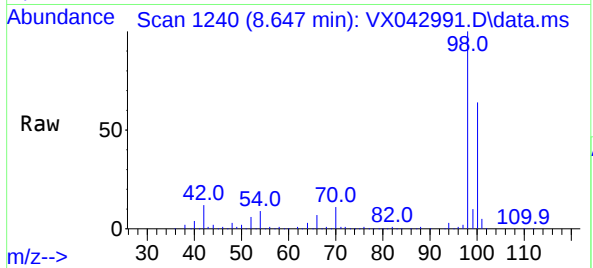




#50
Toluene-d8
Concen: 52.276 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

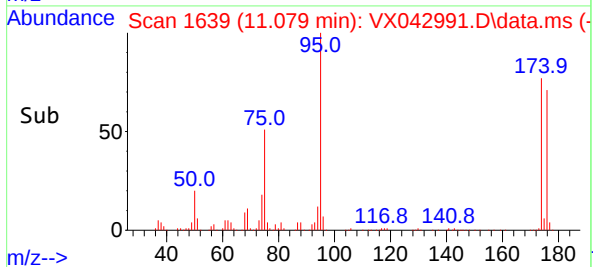
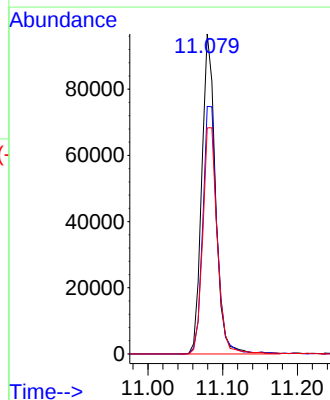
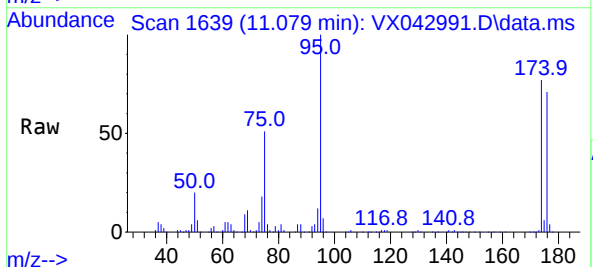
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

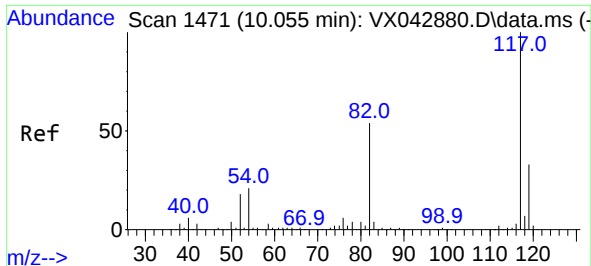
Tgt Ion: 98 Resp: 374593
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion: 95 Resp: 122988
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 75.0 0.0 131.0

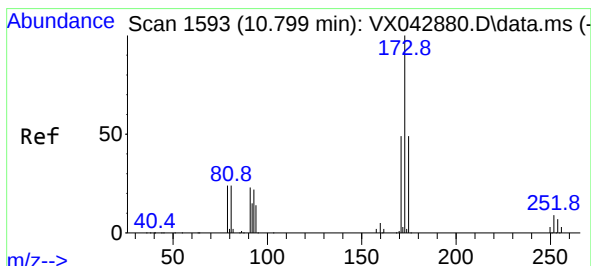
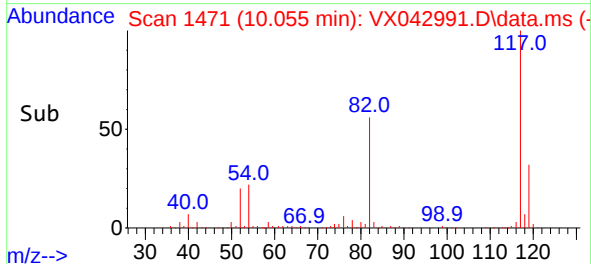
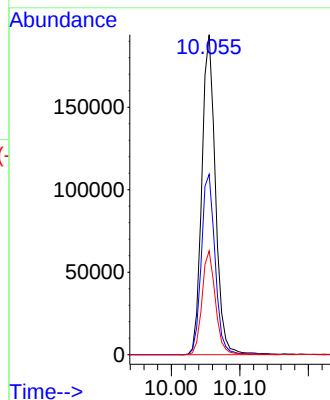
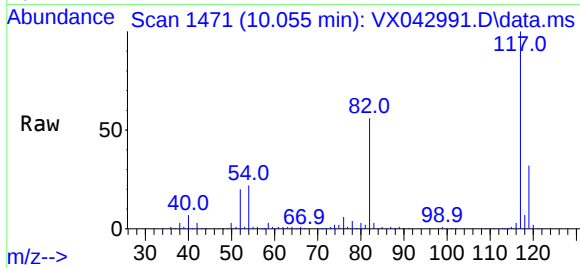




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

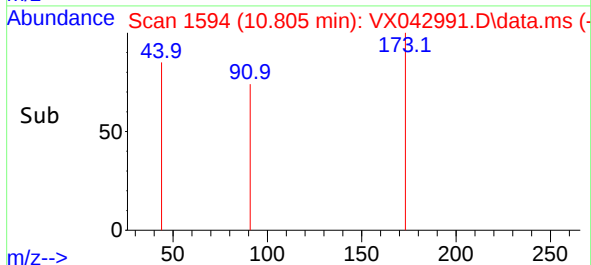
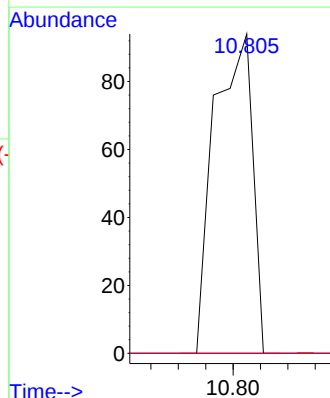
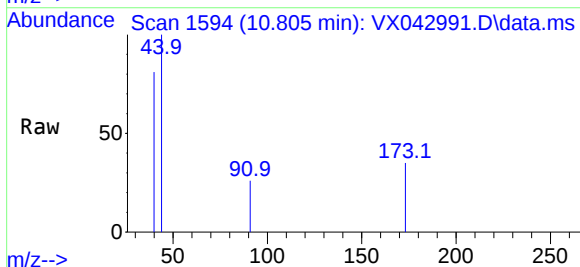
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

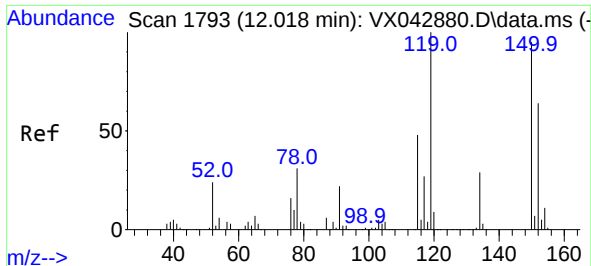
Tgt Ion:	117	Resp:	268801
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.4
119	32.5	25.5	38.3



#71
Bromoform
Concen: 0.865 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion:	173	Resp:	91
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.4
254	0.0	0.0	0.0

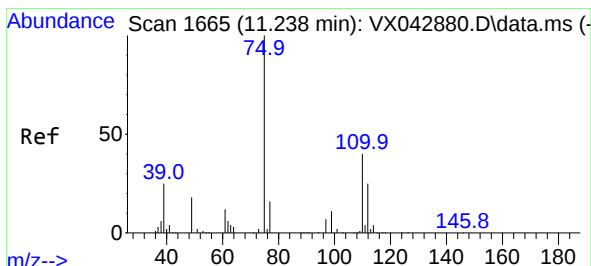
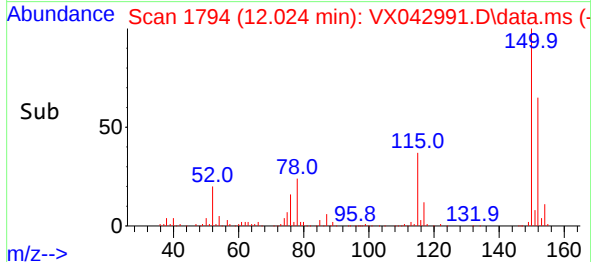
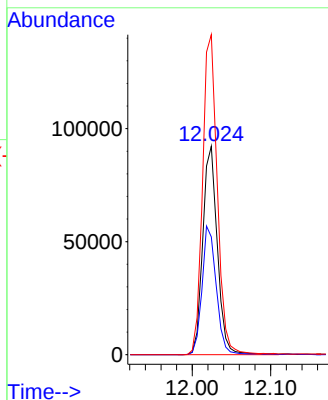
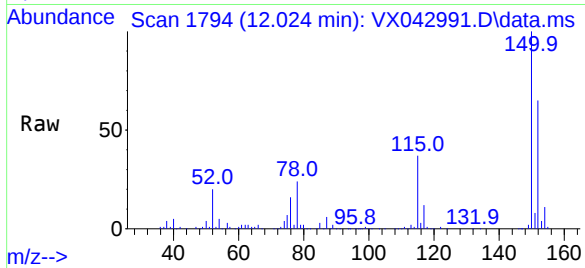




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

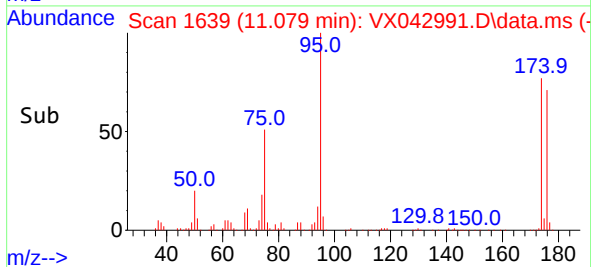
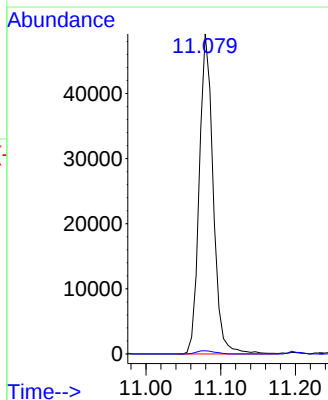
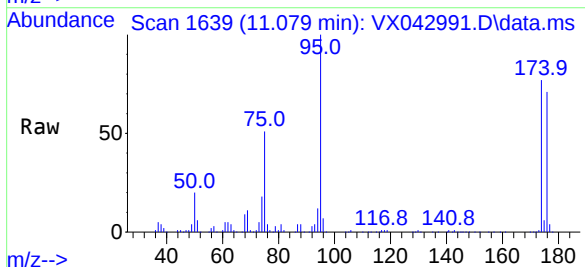
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

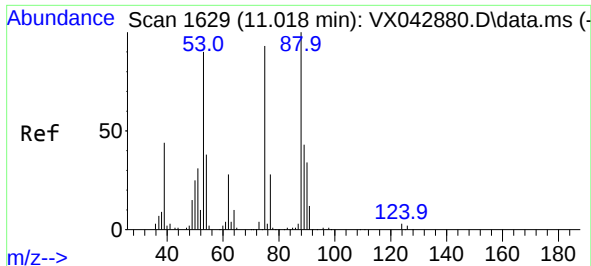
Tgt Ion:152 Resp: 119114
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 155.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion: 75 Resp: 63475
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

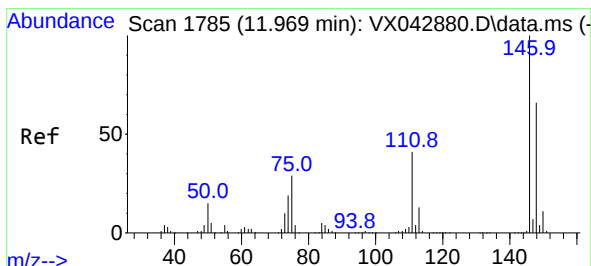
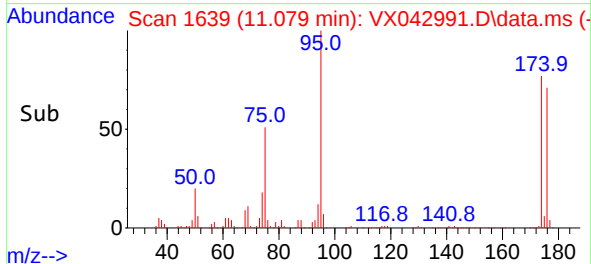
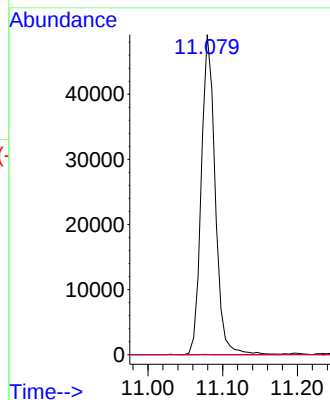
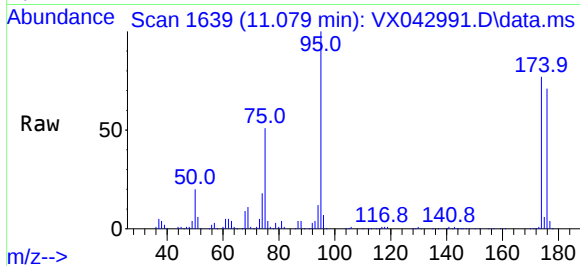




#81
trans-1,4-Dichloro-2-butene
Concen: 77.045 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

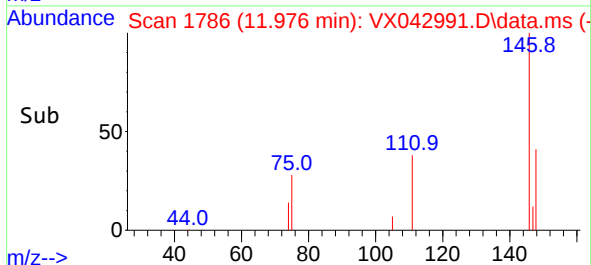
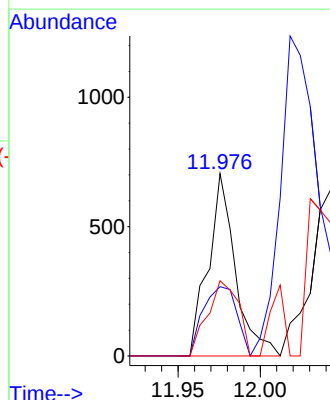
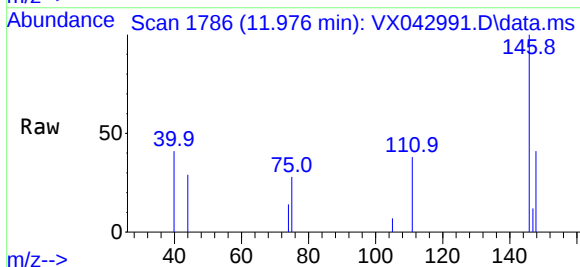
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

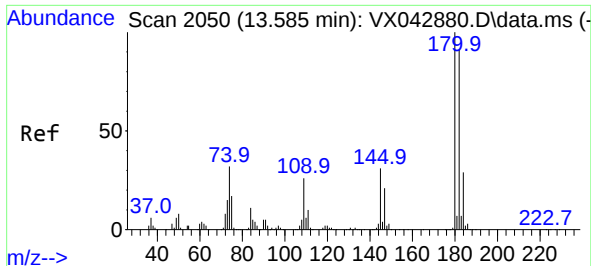
Tgt Ion: 75 Resp: 63475
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.204 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

Tgt Ion:146 Resp: 810
Ion Ratio Lower Upper
146 100
111 46.7 22.1 66.1
148 46.5 31.8 95.3

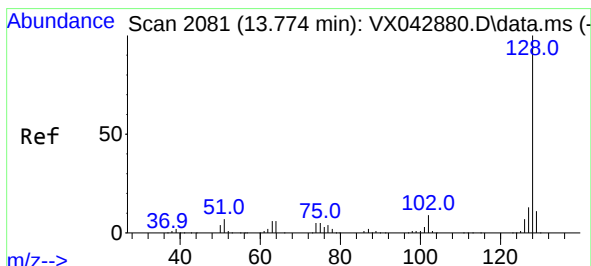
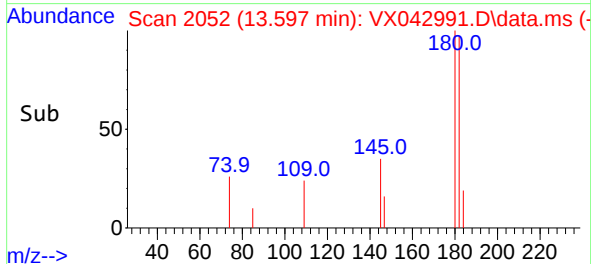
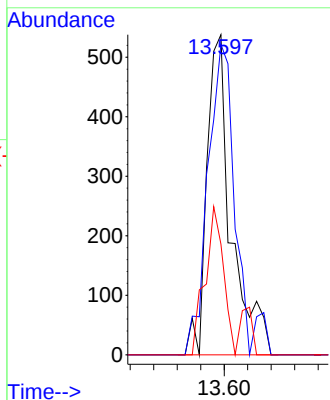
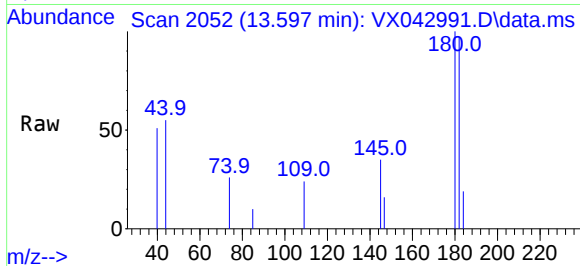




#93
1,2,4-Trichlorobenzene
Concen: 0.318 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

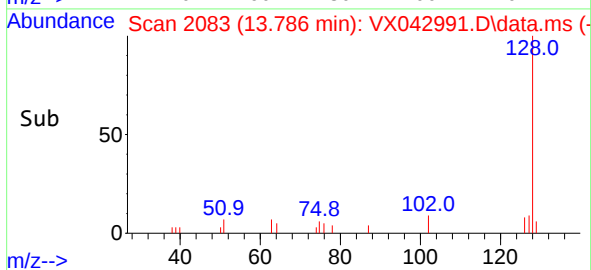
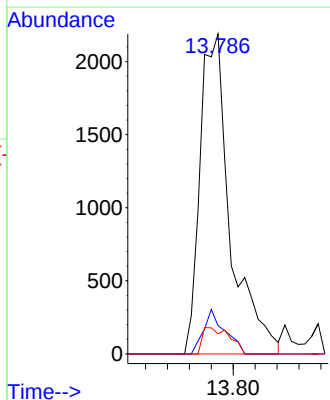
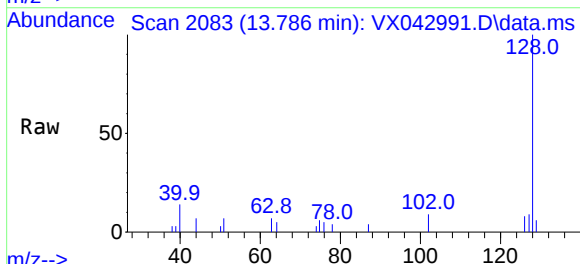
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

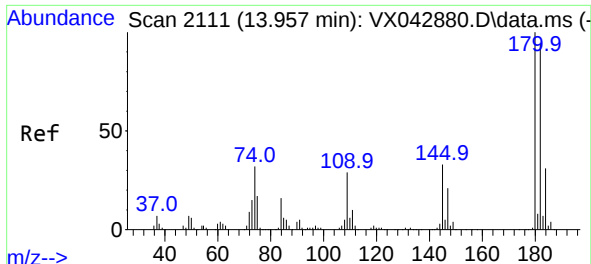
Tgt Ion:180	Resp:	770	
Ion	Ratio	Lower	Upper
180	100		
182	110.6	48.3	144.8
145	35.1	18.0	54.0



#95
Naphthalene
Concen: 0.499 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042991.D
Acq: 09 Aug 2024 13:06

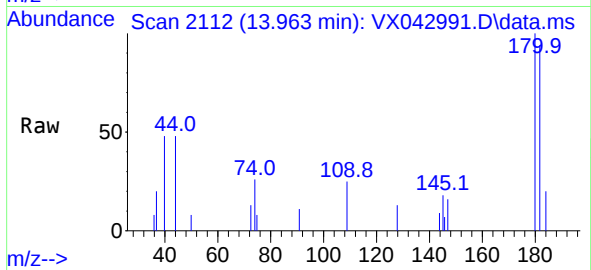
Tgt Ion:128	Resp:	4185	
Ion	Ratio	Lower	Upper
128	100		
127	9.8	10.3	15.5#
129	7.4	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.407 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX042991.D
 Acq: 09 Aug 2024 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR-05-459-475-080724



Tgt Ion:	180	Resp:	992
Ion	Ratio	Lower	Upper
180	100		
182	99.9	46.9	140.6
145	28.0	17.8	53.5

