

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035717.D
 Acq On : 17 May 2023 14:50
 Operator : JC/MD
 Sample : 02723-06
 Misc : 4.89g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-30.5-050923ME

Quant Time: May 18 04:41:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

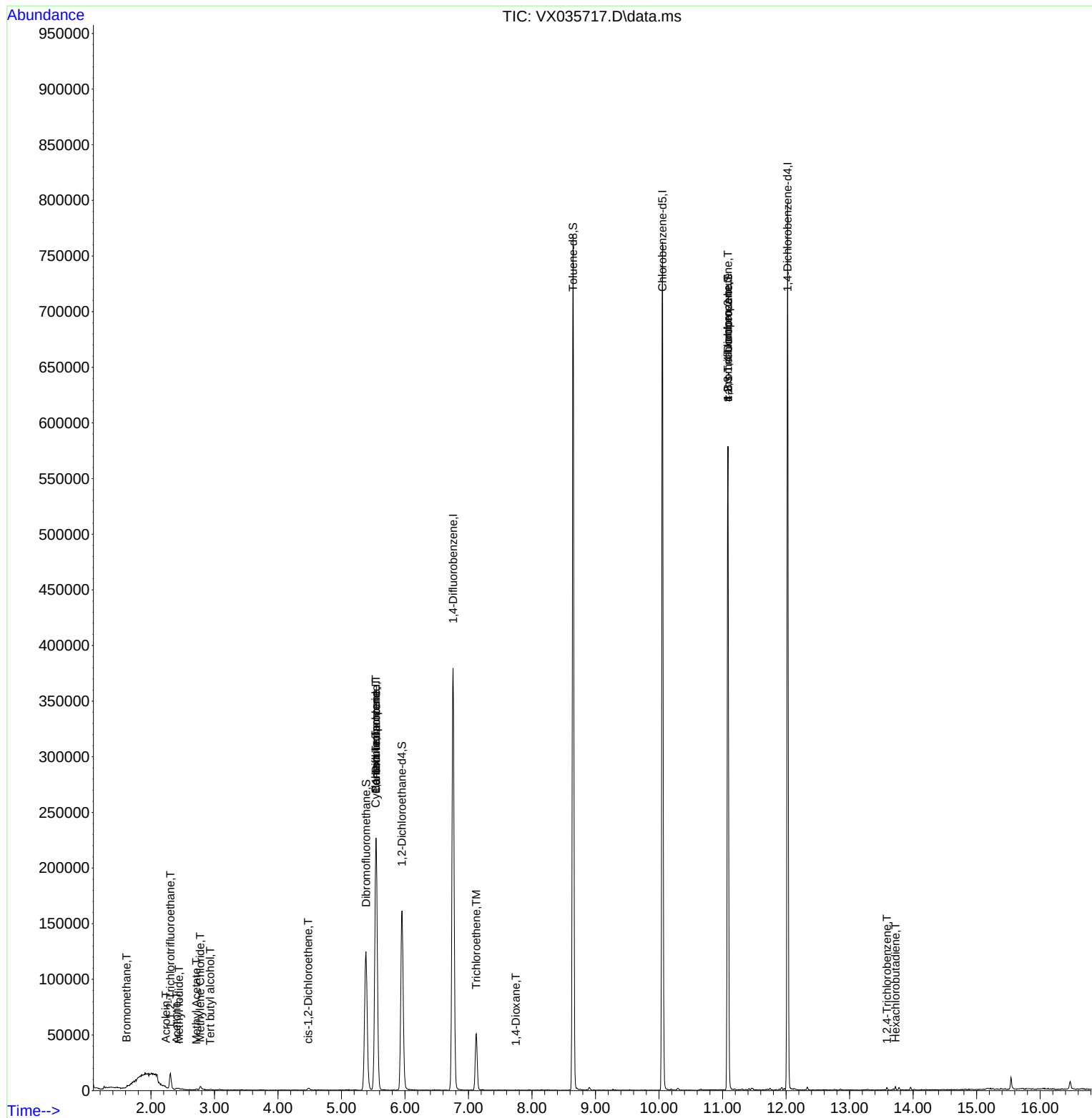
Internal Standards						
1) Pentafluorobenzene	5.544	168	192931	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	359974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163676	48.630	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.385	113	106848	44.013	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.020%		
50) Toluene-d8	8.647	98	431531	48.117	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.085	95	176126	48.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.540%		
Target Compounds						Qvalue
5) Bromomethane	1.617	94	377	0.269	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.306	101	5018	2.220	ug/l	94
10) Methyl Iodide	2.441	142	552	0.273	ug/l #	90
11) Tert butyl alcohol	2.934	59	393	0.662	ug/l #	73
13) Acrolein	2.233	56	171	0.243	ug/l #	14
16) Acetone	2.404	43	1031	0.713	ug/l #	82
18) Methyl Acetate	2.715	43	1215	0.228	ug/l #	66
20) Methylene Chloride	2.776	84	1456	0.555	ug/l	91
27) cis-1,2-Dichloroethene	4.477	96	907	0.320	ug/l	93
31) Cyclohexane	5.538	56	5267	1.239	ug/l #	14
36) 1,1-Dichloropropene	5.544	75	18507	4.830	ug/l #	51
38) Carbon Tetrachloride	5.544	117	22535	6.208	ug/l #	15
44) Trichloroethene	7.123	130	18970	6.979	ug/l	99
49) 1,4-Dioxane	7.744	88	25	2.329	ug/l #	23
76) 1,2,3-Trichloropropane	11.085	75	96513	26.760	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	96513	86.243	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	656	0.208	ug/l #	71
94) Hexachlorobutadiene	13.725	225	436	0.348	ug/l	94

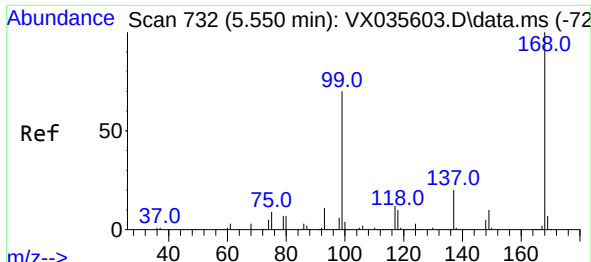
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB-14-G1-SO-30.5-050923ME

Quant Time: May 18 04:41:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

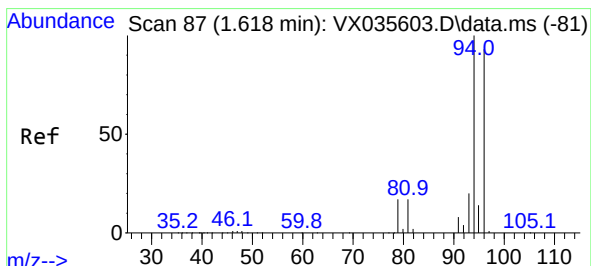
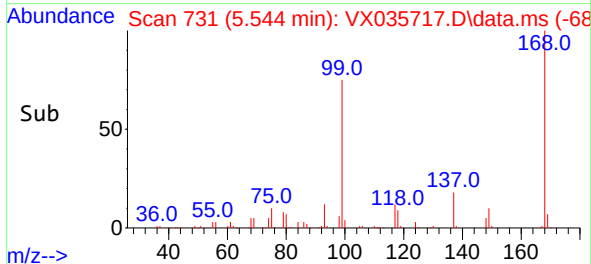
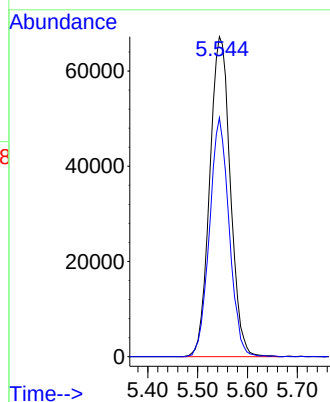
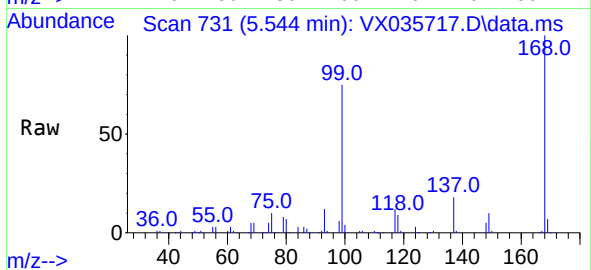




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

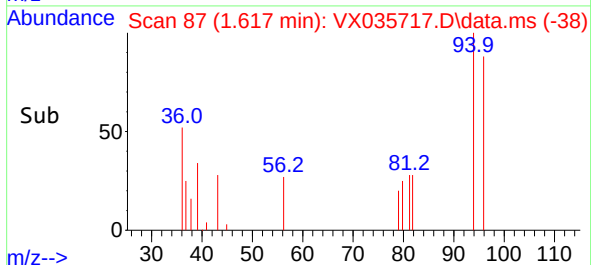
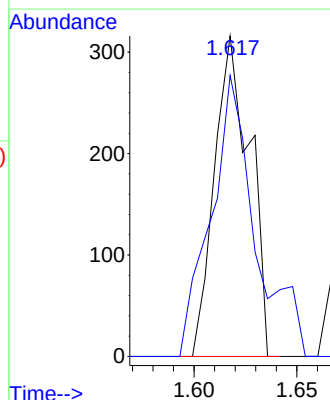
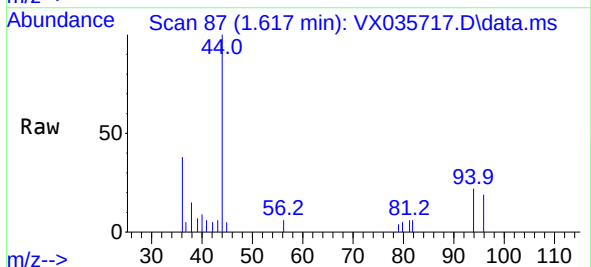
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

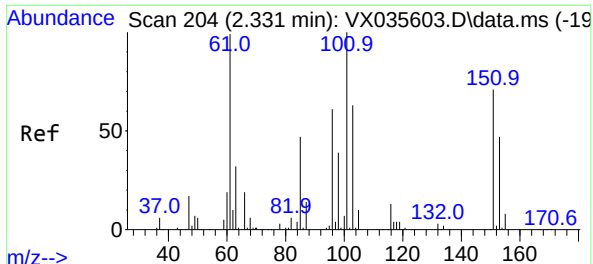
Tgt Ion:168 Resp: 192931
Ion Ratio Lower Upper
168 100
99 74.6 45.7 68.5#



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.001 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 87.7 77.0 115.6

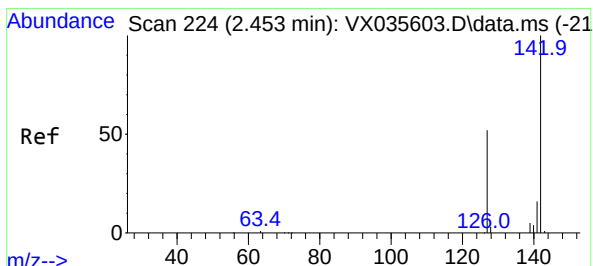
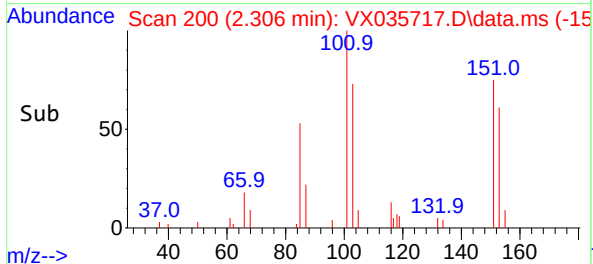
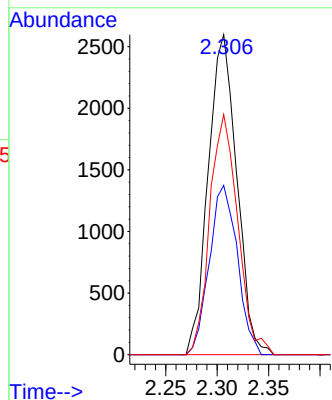
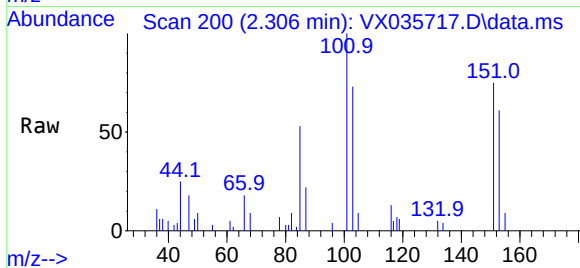




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.220 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

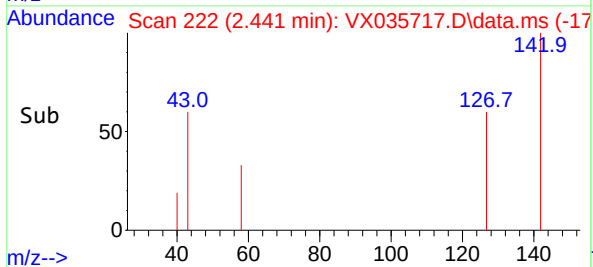
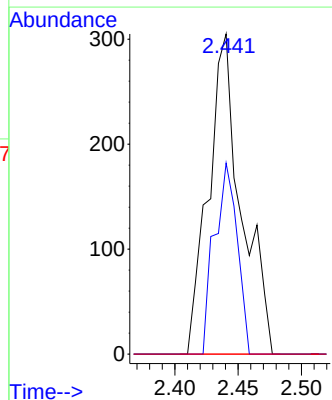
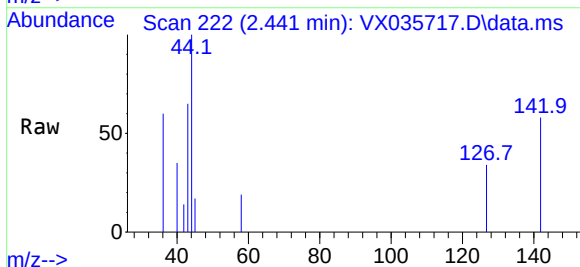
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

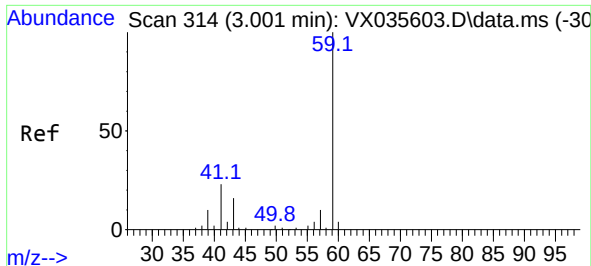
Tgt Ion:101 Resp: 5018
Ion Ratio Lower Upper
101 100
85 51.9 35.4 53.2
151 73.6 60.2 90.4



#10
Methyl Iodide
Concen: 0.273 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion:142 Resp: 552
Ion Ratio Lower Upper
142 100
127 41.1 34.0 51.0
141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 0.662 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.067 min

Lab File: VX035717.D

Acq: 17 May 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

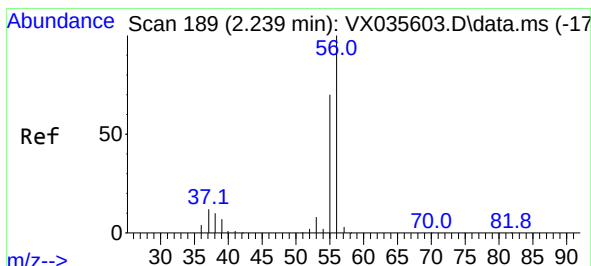
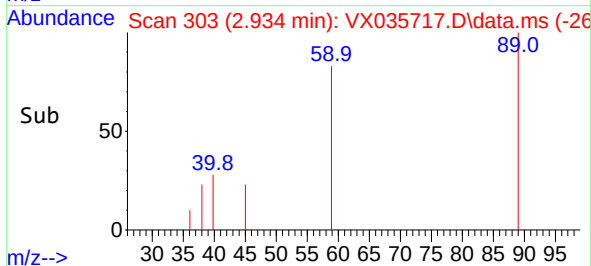
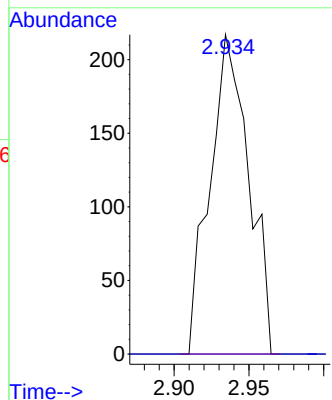
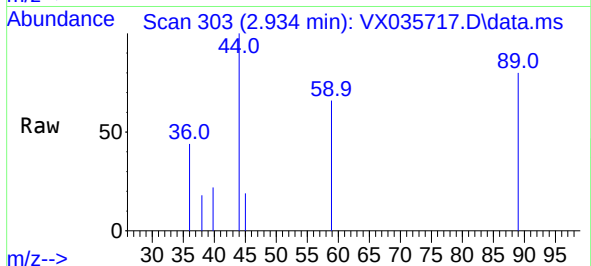
CB-14-G1-SO-30.5-050923ME

Tgt Ion: 59 Resp: 393

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.243 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX035717.D

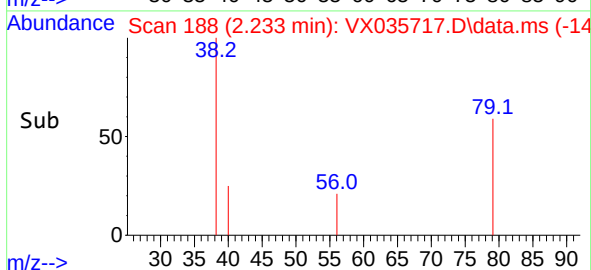
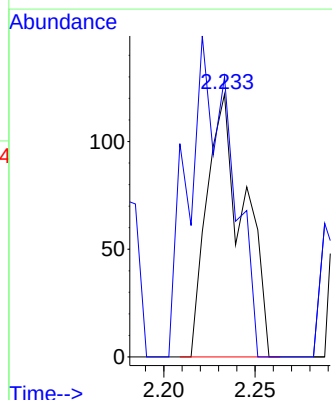
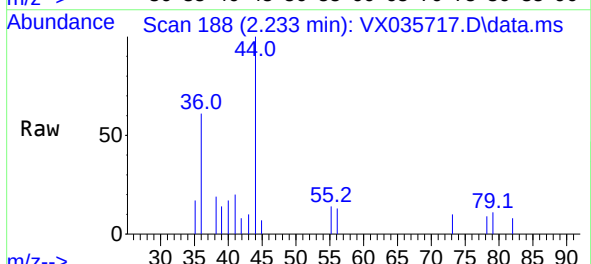
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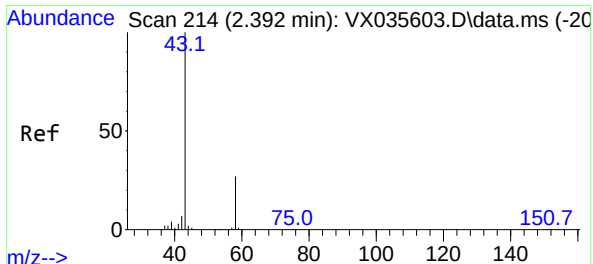
Tgt Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 142.1 56.6 85.0#

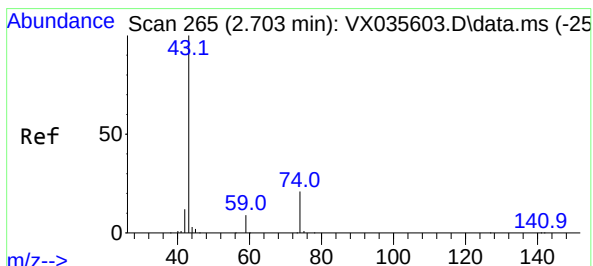
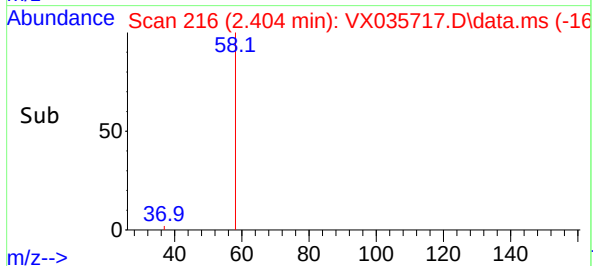
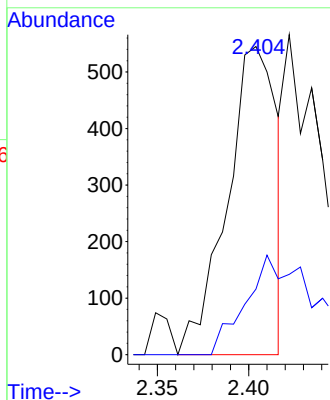
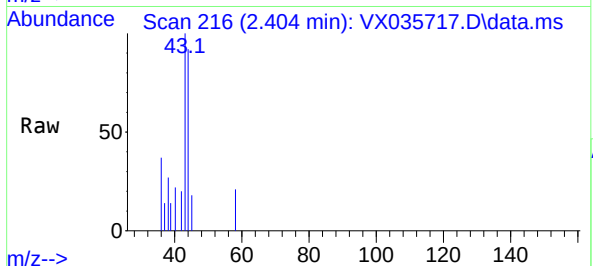




#16
Acetone
Concen: 0.713 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

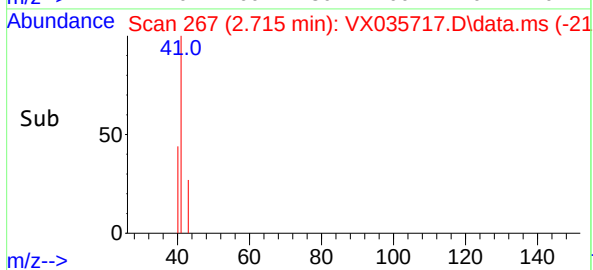
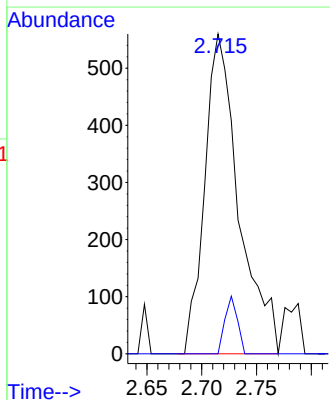
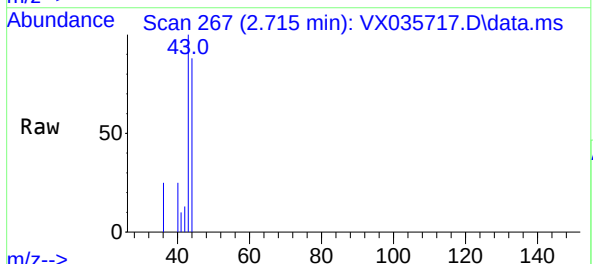
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

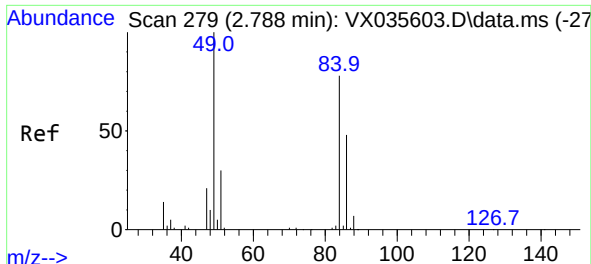
Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
58 21.3 24.7 37.1#



#18
Methyl Acetate
Concen: 0.228 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
74 6.5 18.3 27.5#



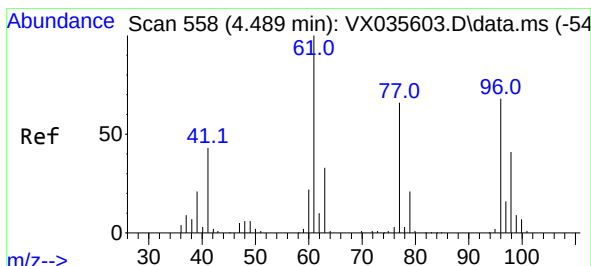
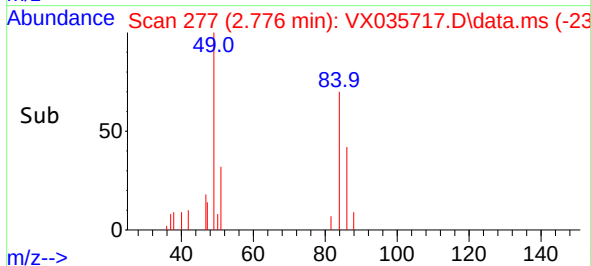
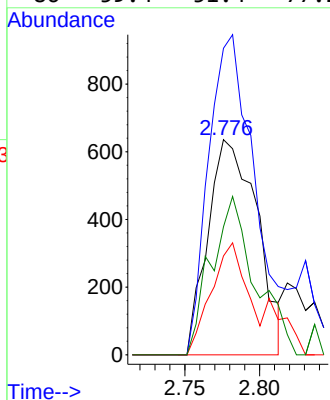
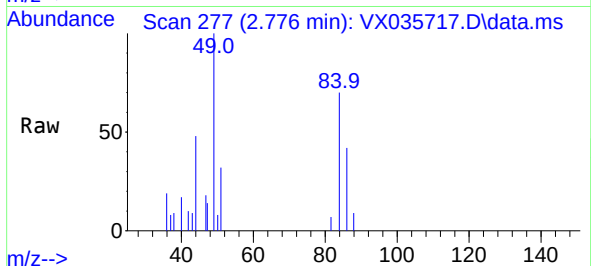


#20
Methylene Chloride
Concen: 0.555 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

Tgt Ion: 84 Resp: 1456

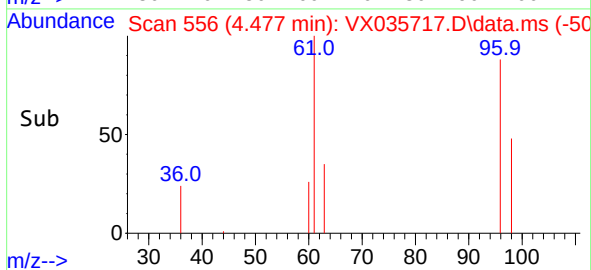
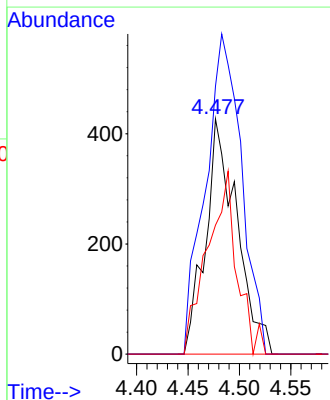
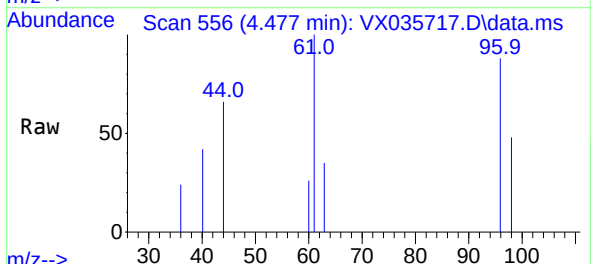
Ion	Ratio	Lower	Upper
84	100		
49	142.5	103.8	155.8
51	45.9	31.8	47.8
86	59.4	51.4	77.2

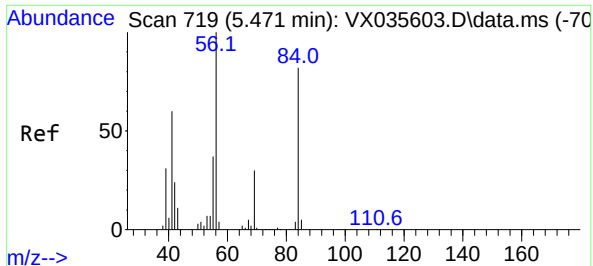


#27
cis-1,2-Dichloroethene
Concen: 0.320 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.012 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion: 96 Resp: 907

Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	300.4
98	73.0	0.0	129.0

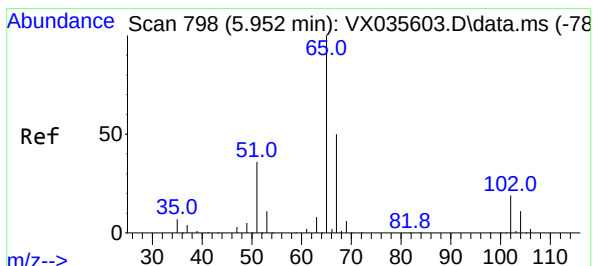
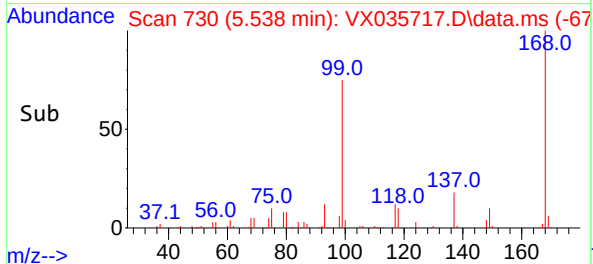
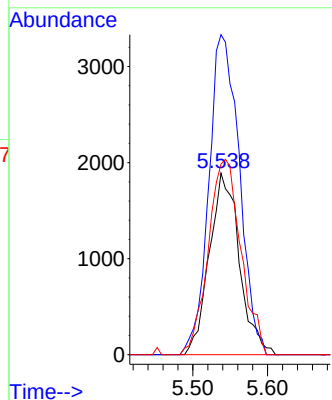
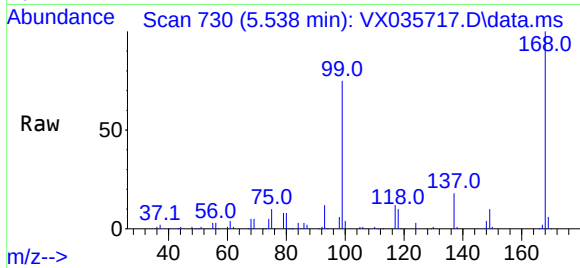




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

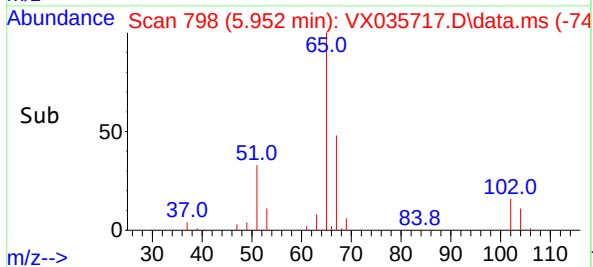
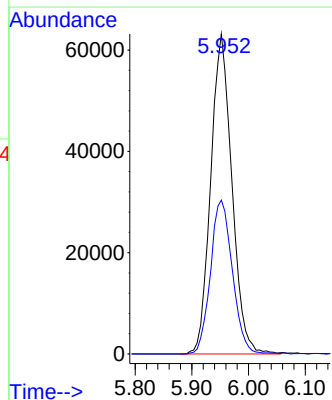
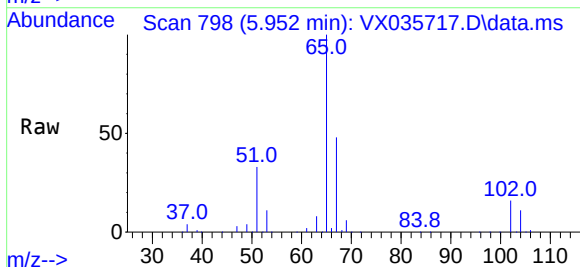
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ClientSampleId :
CB-14-G1-SO-30.5-050923ME

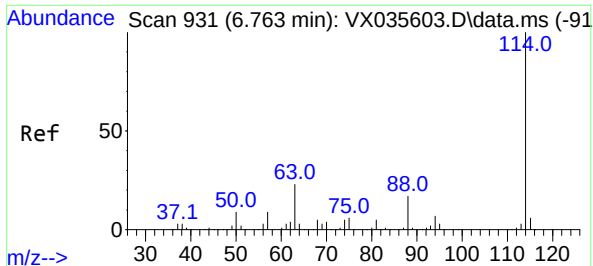
Tgt Ion: 56 Resp: 5267
Ion Ratio Lower Upper
56 100
69 176.3 23.7 35.5#
84 105.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.630 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion: 65 Resp: 163676
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.0

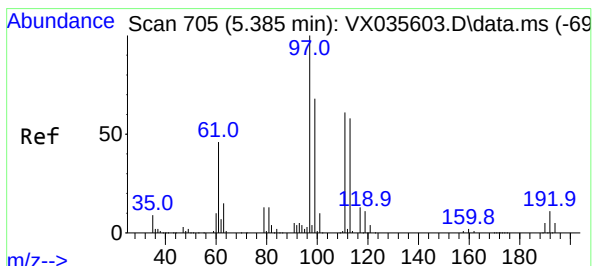
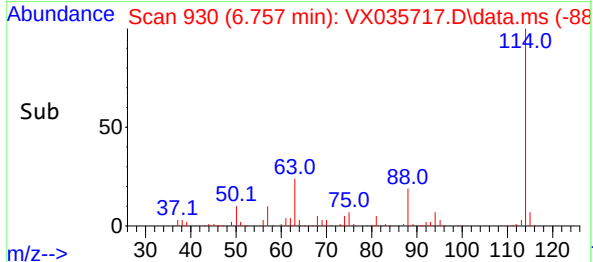
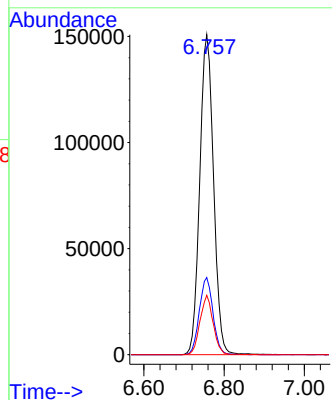
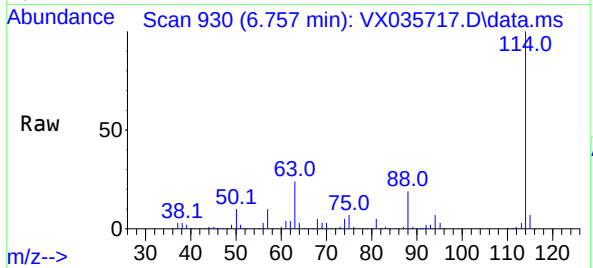




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

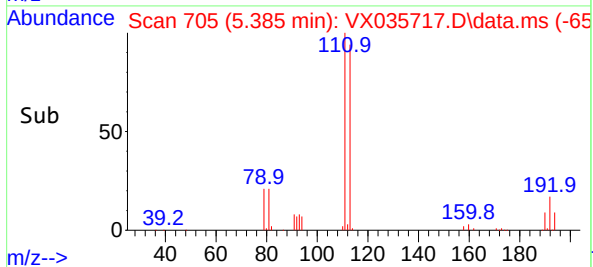
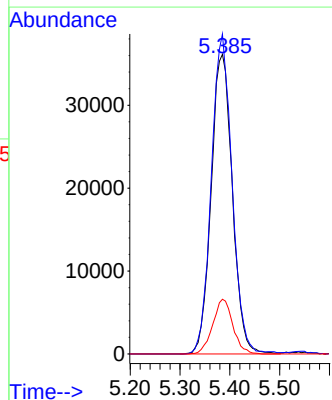
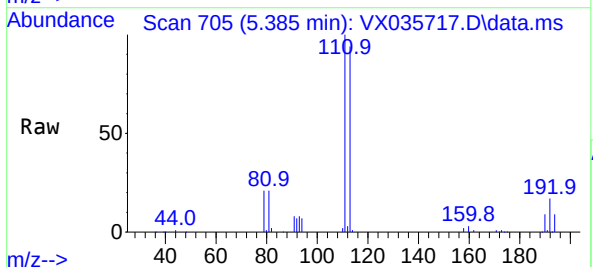
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

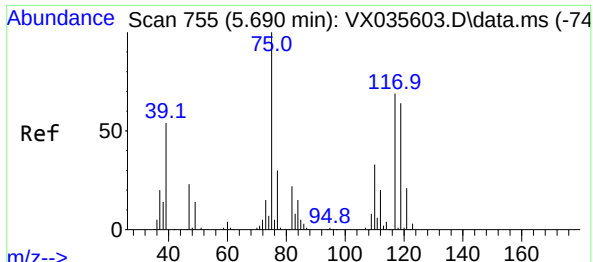
Tgt Ion:114 Resp: 359974
Ion Ratio Lower Upper
114 100
63 24.1 0.0 42.2
88 18.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.013 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion:113 Resp: 106848
Ion Ratio Lower Upper
113 100
111 104.3 83.7 125.5
192 17.3 15.4 23.2

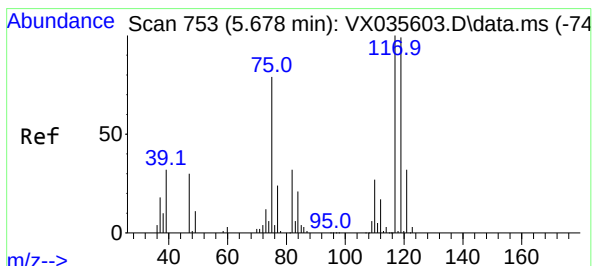
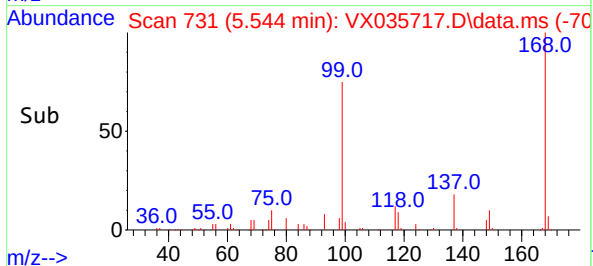
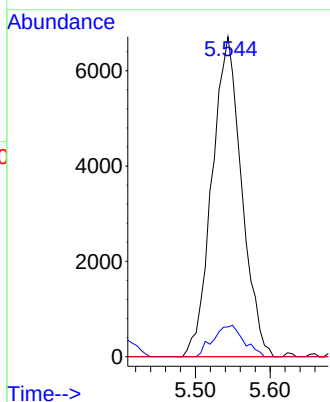
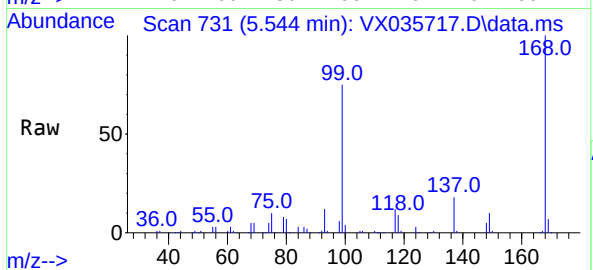




#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

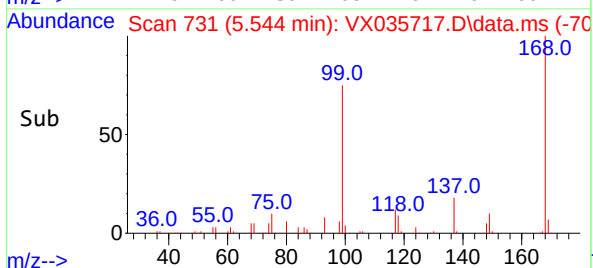
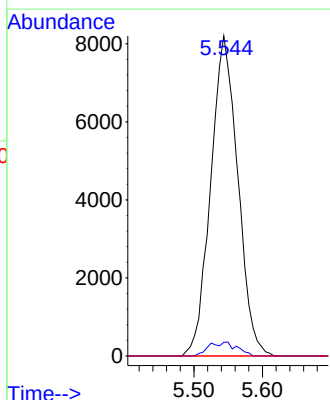
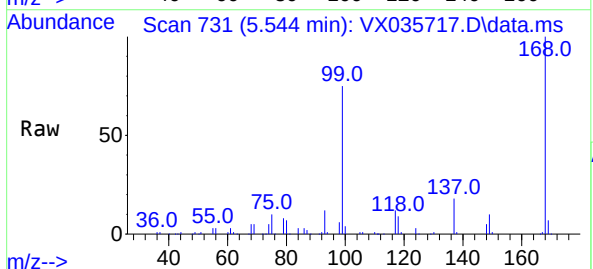
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

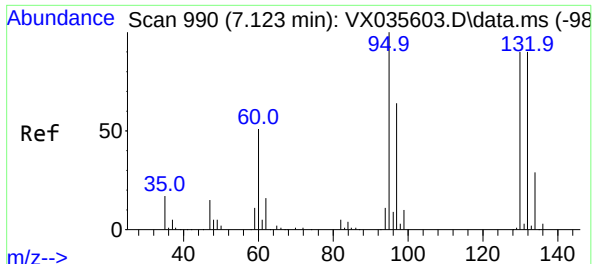
Tgt Ion: 75 Resp: 18507
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion: 117 Resp: 22535
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#

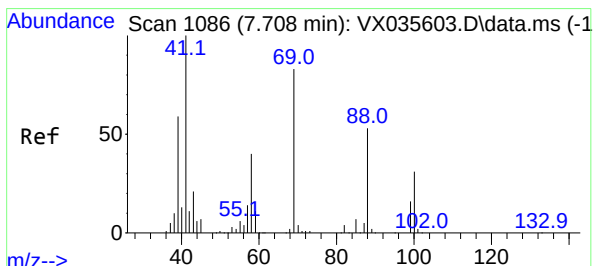
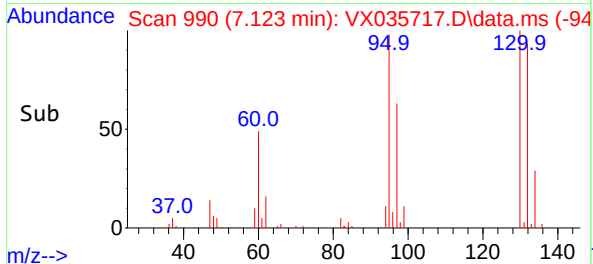
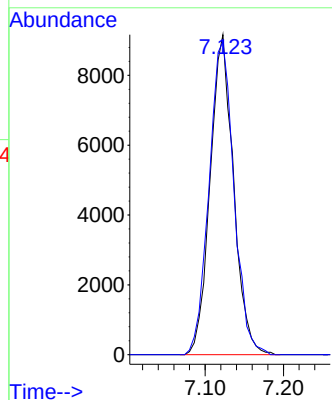
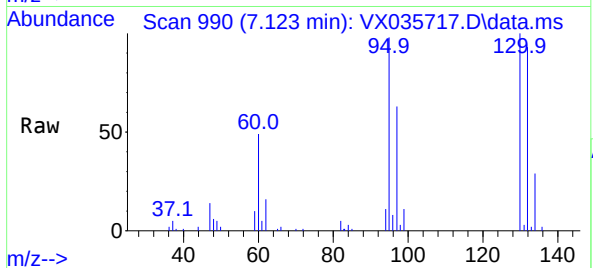




#44
Trichloroethene
Concen: 6.979 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

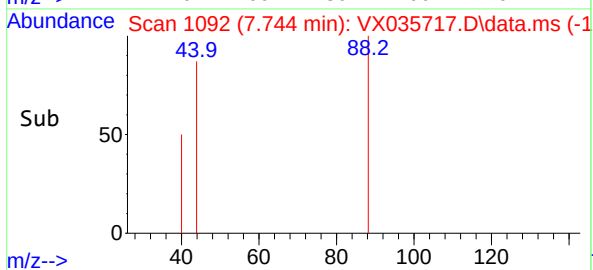
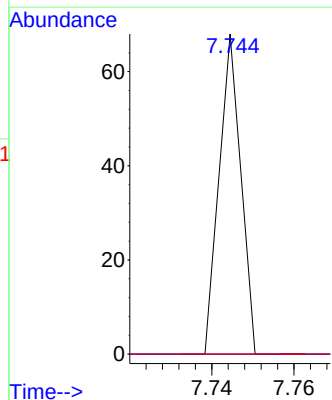
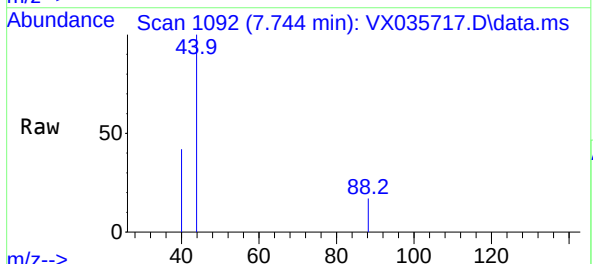
Instrument : MSVOA_X
ClientSampleId : CB-14-G1-SO-30.5-050923ME

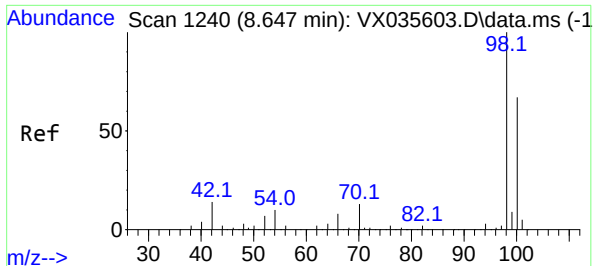
Tgt Ion:130 Resp: 18970
Ion Ratio Lower Upper
130 100
95 97.8 0.0 198.4



#49
1,4-Dioxane
Concen: 2.329 ug/l
RT: 7.744 min Scan# 1092
Delta R.T. 0.036 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

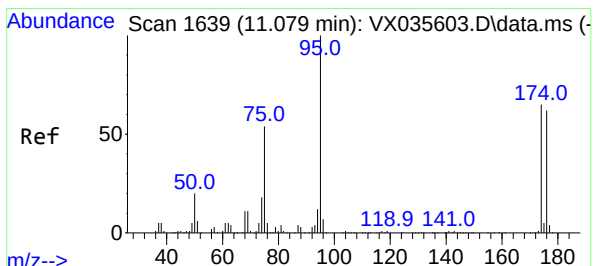
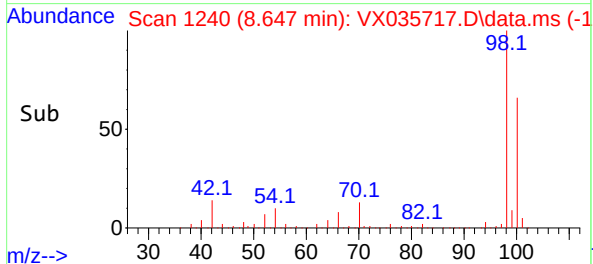
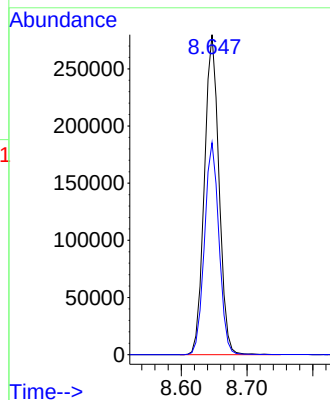
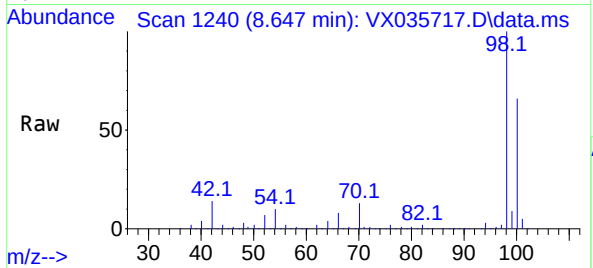




#50
Toluene-d8
Concen: 48.117 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

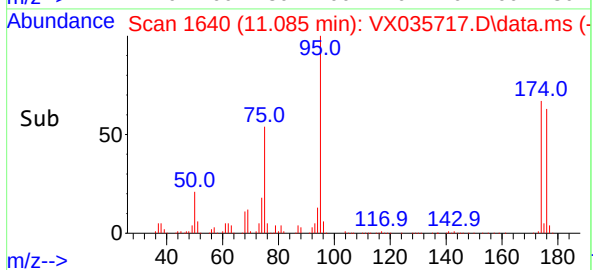
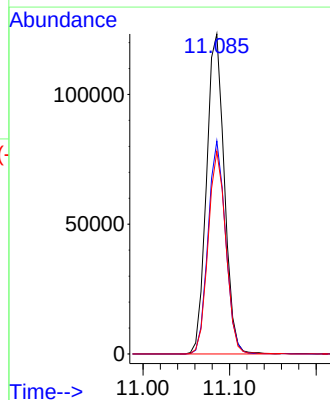
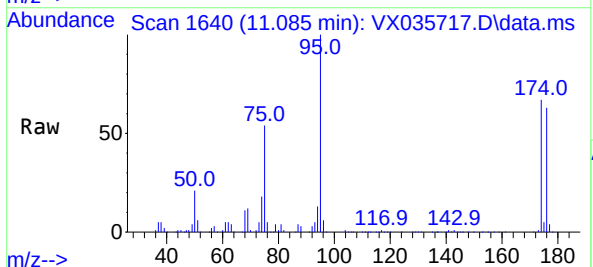
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

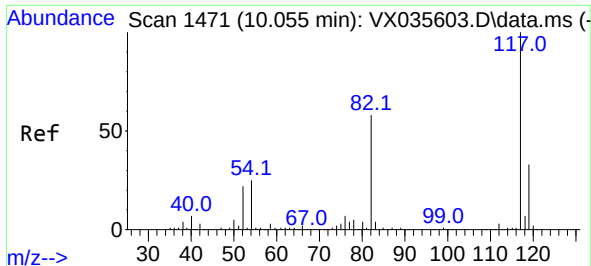
Tgt Ion: 98 Resp: 431531
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.774 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion: 95 Resp: 176126
Ion Ratio Lower Upper
95 100
174 65.4 0.0 147.4
176 63.0 0.0 140.6

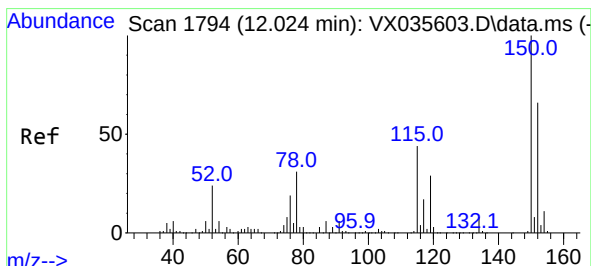
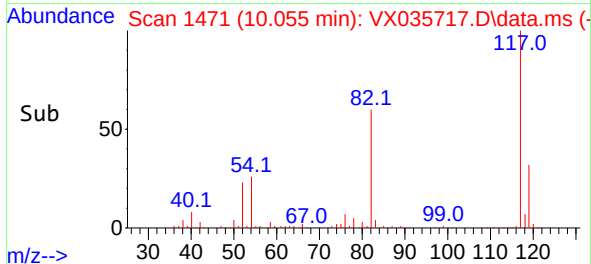
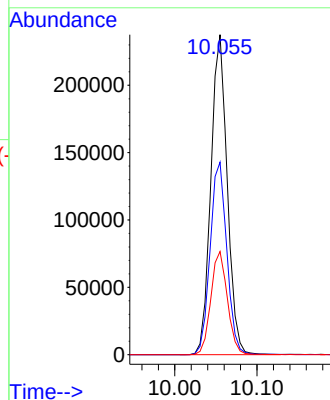
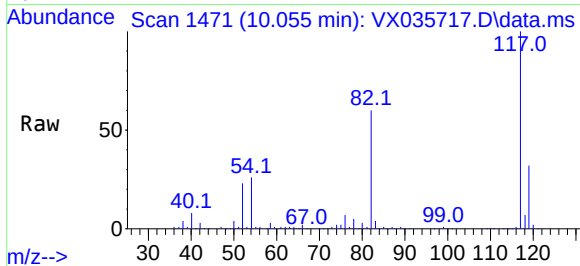




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

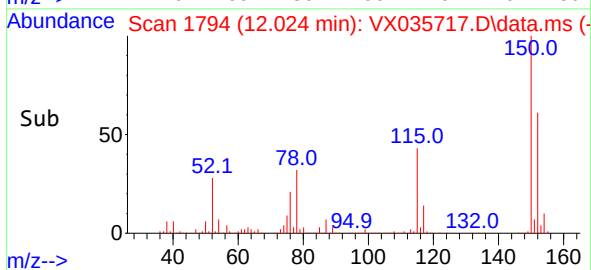
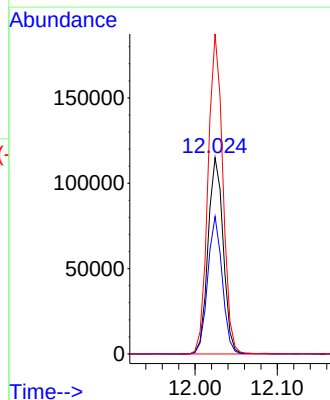
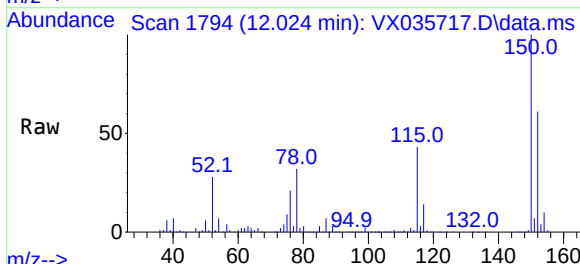
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

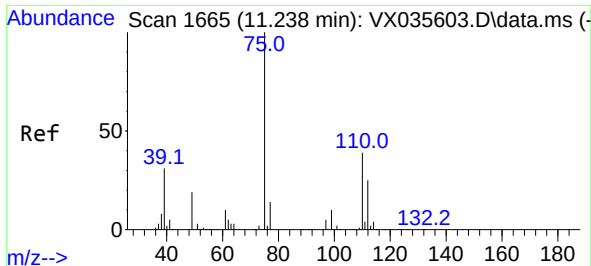
Tgt Ion:117 Resp: 328352
Ion Ratio Lower Upper
117 100
82 60.1 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion:152 Resp: 147448
Ion Ratio Lower Upper
152 100
115 67.3 45.0 135.0
150 158.8 0.0 352.4

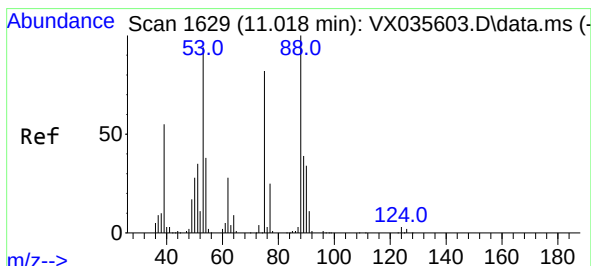
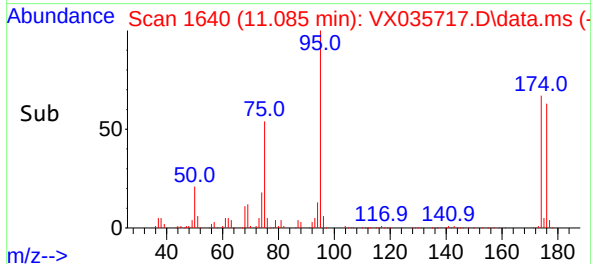
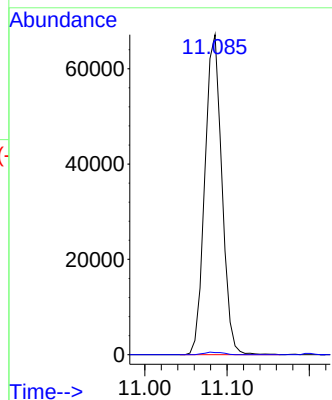
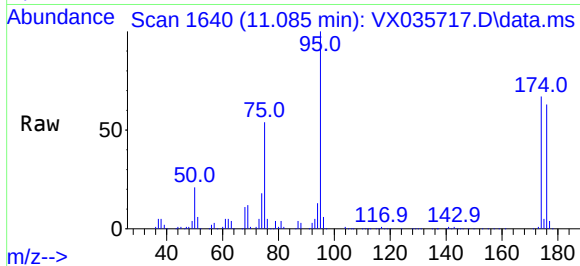




#76
1,2,3-Trichloropropane
Concen: 26.760 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

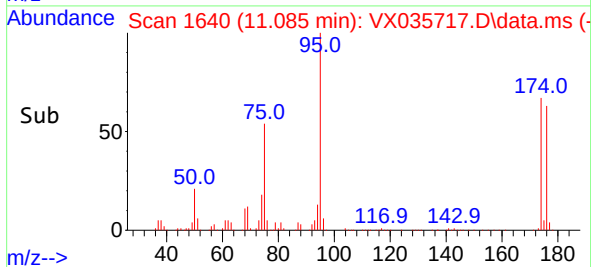
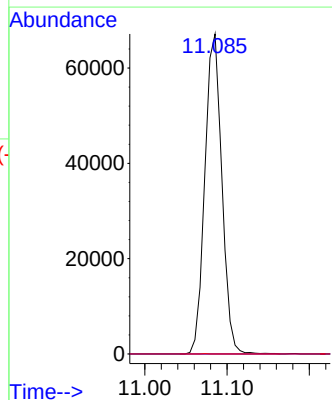
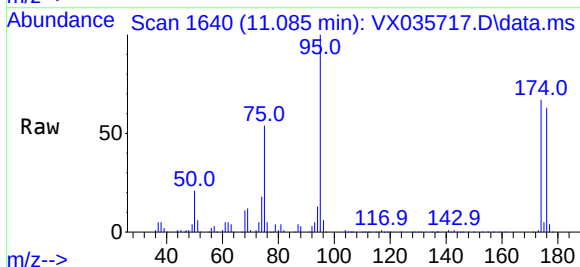
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

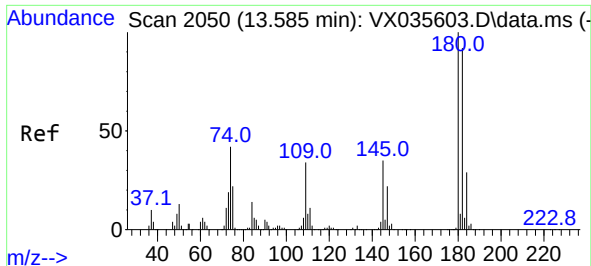
Tgt Ion: 75 Resp: 96513
Ion Ratio Lower Upper
75 100
77 0.8 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.243 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion: 75 Resp: 96513
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

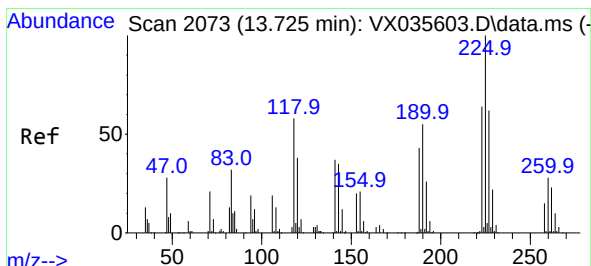
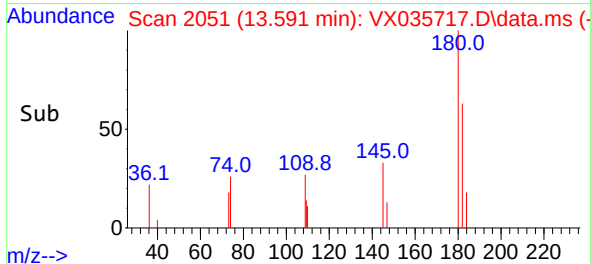
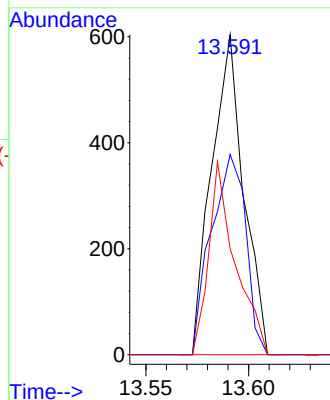
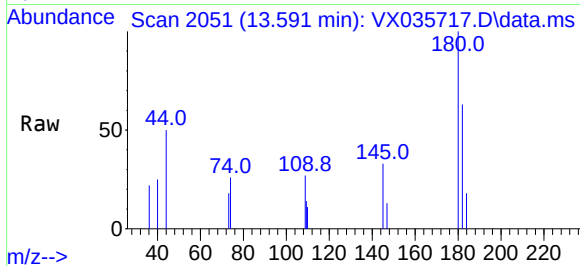




#93
1,2,4-Trichlorobenzene
Concen: 0.208 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923ME

Tgt Ion:180 Resp: 656
Ion Ratio Lower Upper
180 100
182 67.4 47.0 141.0
145 49.8 15.9 47.7#



#94
Hexachlorobutadiene
Concen: 0.348 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035717.D
Acq: 17 May 2023 14:50

Tgt Ion:225 Resp: 436
Ion Ratio Lower Upper
225 100
223 69.5 32.1 96.5
227 58.9 31.8 95.4

