

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022115.D
 Acq On : 21 May 2021 15:11
 Operator : JC/MD
 Sample : M2472-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

Quant Time: May 22 04:55:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

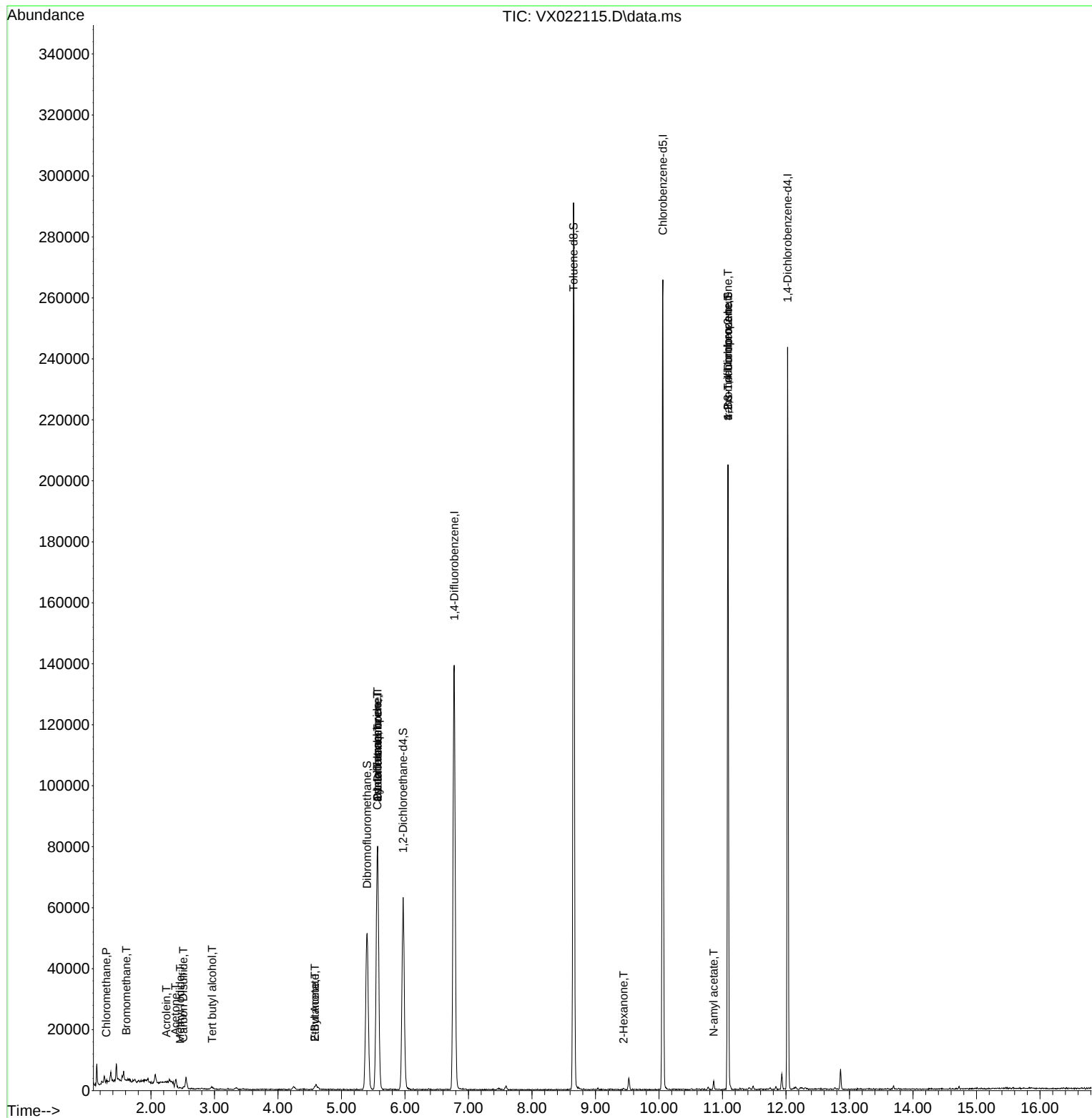
Internal Standards						
1) Pentafluorobenzene	5.568	168	70283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	142348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	119639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	56056	51.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.40%
35) Dibromofluoromethane	5.404	113	44344	49.12	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.24%
50) Toluene-d8	8.653	98	170889	49.14	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.28%
62) 4-Bromofluorobenzene	11.085	95	57442	44.69	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.38%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	191	0.21	ug/l #	60
5) Bromomethane	1.612	94	266	0.47	ug/l	93
10) Methyl Iodide	2.459	142	213	0.24	ug/l #	78
11) Tert butyl alcohol	2.965	59	518	2.09	ug/l #	73
13) Acrolein	2.239	56	278	1.69	ug/l	93
16) Acetone	2.386	43	2941	6.23	ug/l #	83
17) Carbon Disulfide	2.508	76	500	0.24	ug/l #	43
25) 2-Butanone	4.581	43	502	0.66	ug/l #	83
31) Cyclohexane	5.568	56	2007	1.47	ug/l #	34
36) 1,1-Dichloropropene	5.568	75	6416	4.87	ug/l #	47
37) Ethyl Acetate	4.581	43	502	0.31	ug/l #	64
38) Carbon Tetrachloride	5.562	117	8026	6.23	ug/l #	16
59) 2-Hexanone	9.439	43	250	0.21	ug/l	95
74) N-amyl acetate	10.860	43	370	0.21	ug/l #	7
76) 1,2,3-Trichloropropane	11.085	75	29124	27.00	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	29124	63.98	ug/l #	12

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

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Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

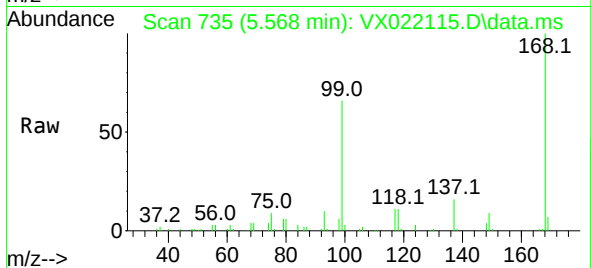
Quant Time: May 22 04:55:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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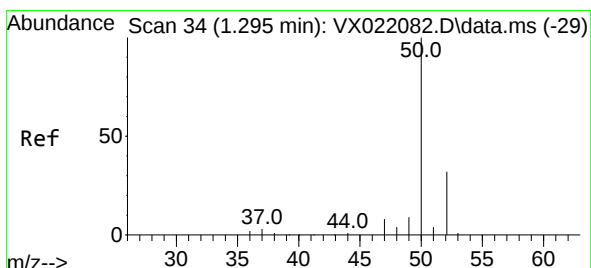
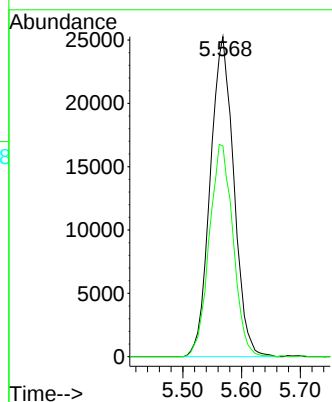
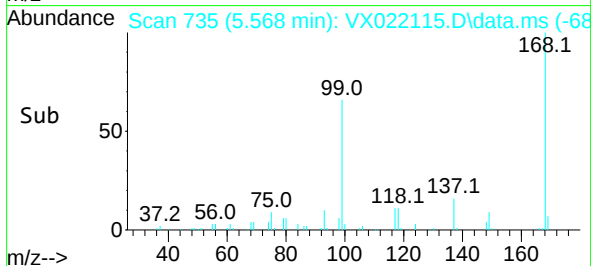


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

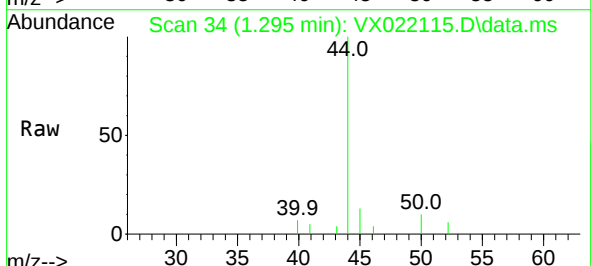
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920



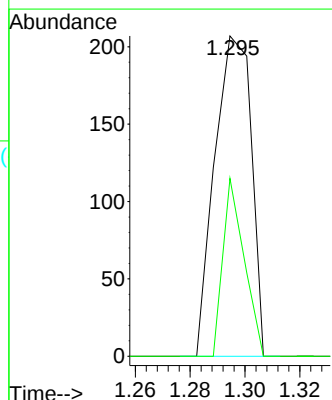
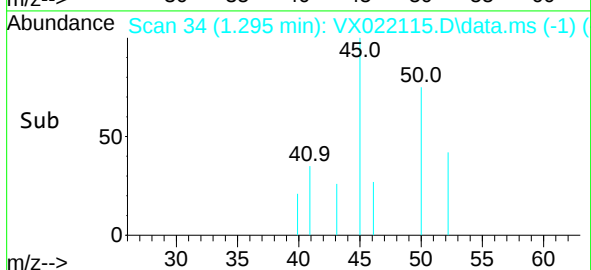
Tgt Ion:168 Resp: 70283
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6

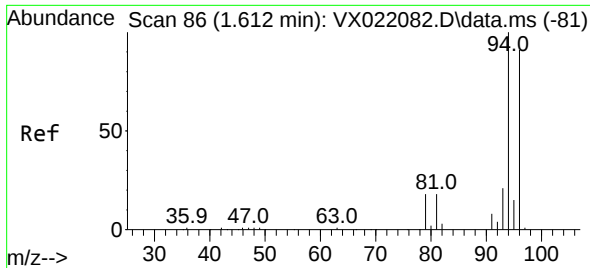


#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11



Tgt Ion: 50 Resp: 191
Ion Ratio Lower Upper
50 100
52 55.6 26.4 39.6#

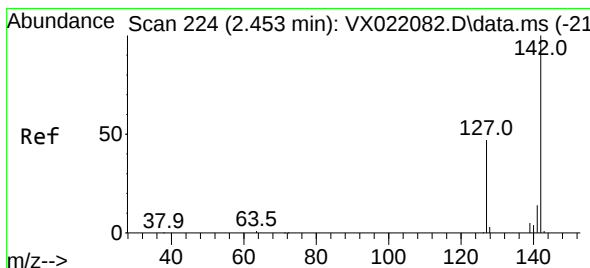
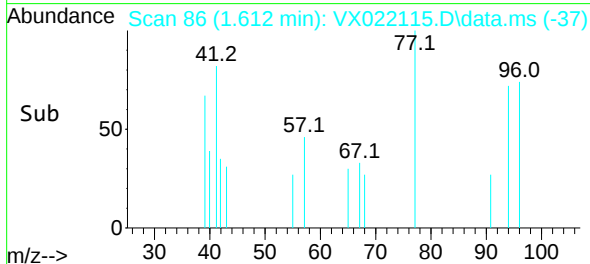
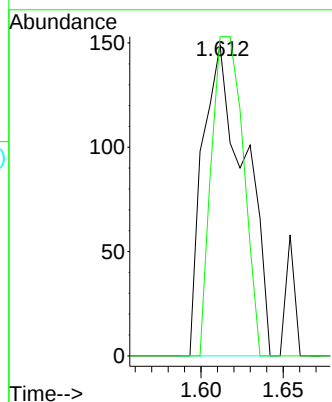
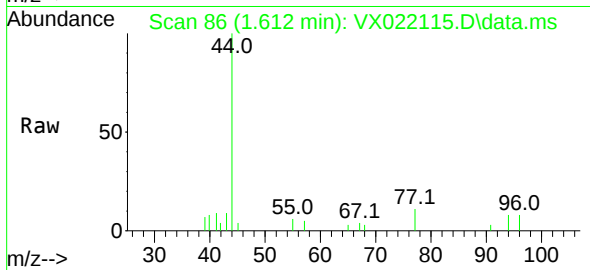




#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

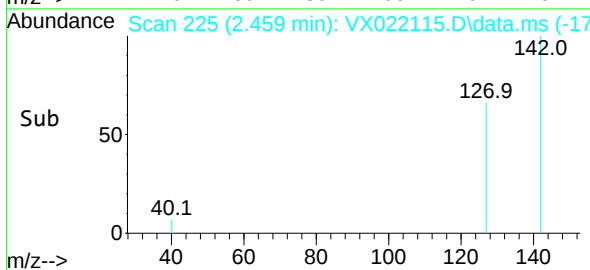
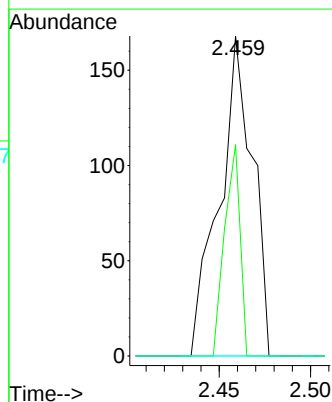
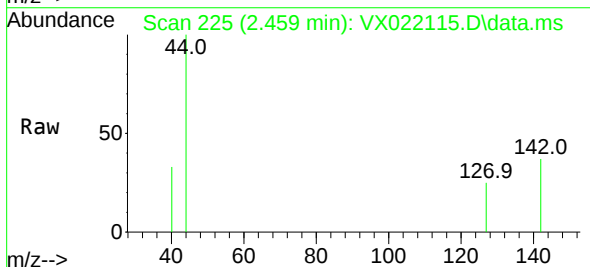
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

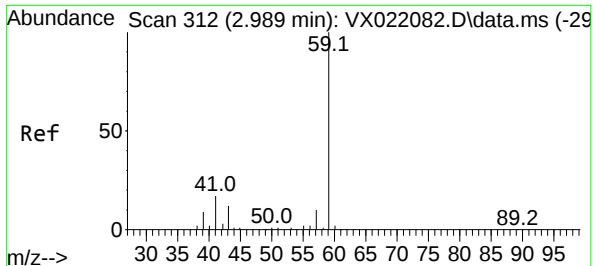
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 102.7 76.4 114.6



#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Tgt Ion: 142 Resp: 213
Ion Ratio Lower Upper
142 100
127 30.5 33.3 49.9#
141 0.0 11.4 17.0#



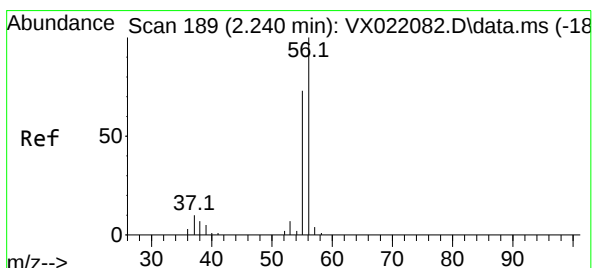
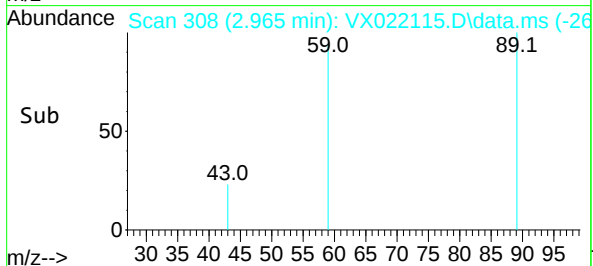
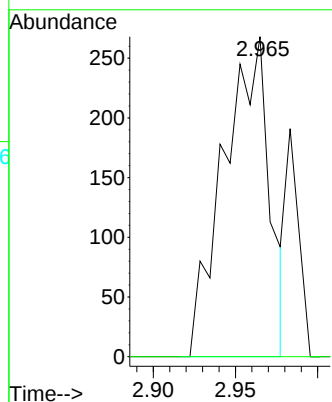
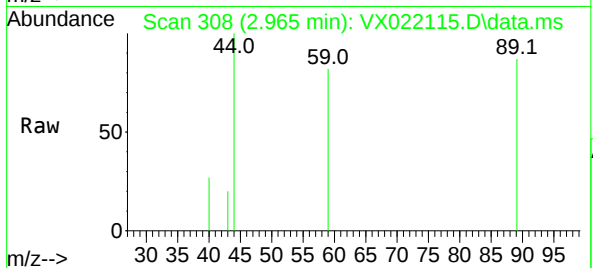


#11

Tert butyl alcohol
Concen: 2.09 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

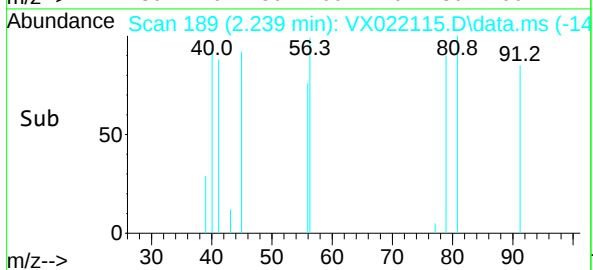
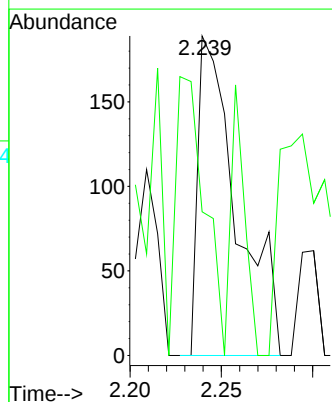
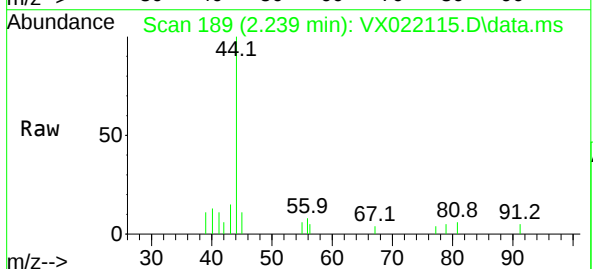
Tgt Ion: 59 Resp: 518
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

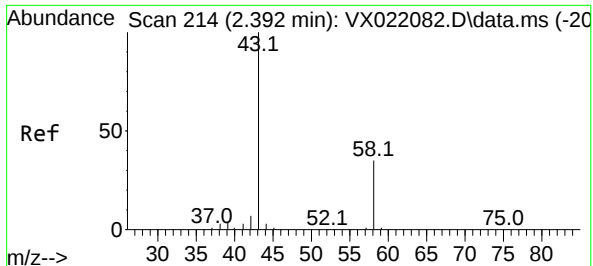


#13

Acrolein
Concen: 1.69 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

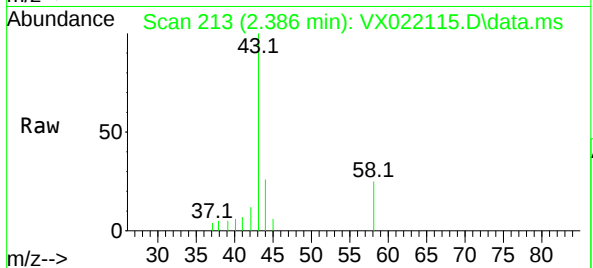
Tgt Ion: 56 Resp: 278
Ion Ratio Lower Upper
56 100
55 64.7 56.4 84.6



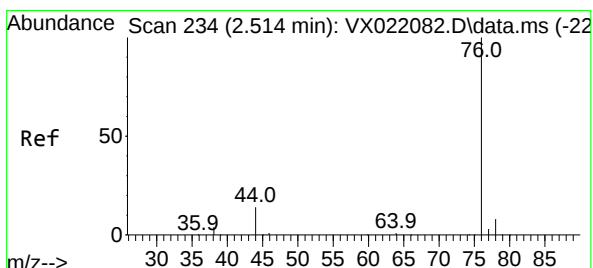
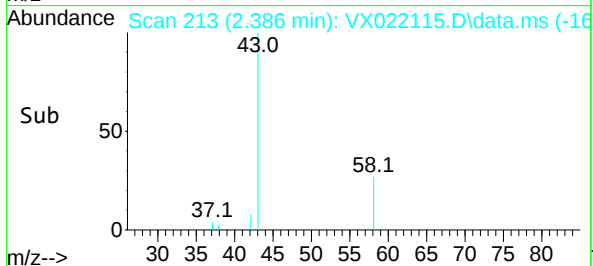
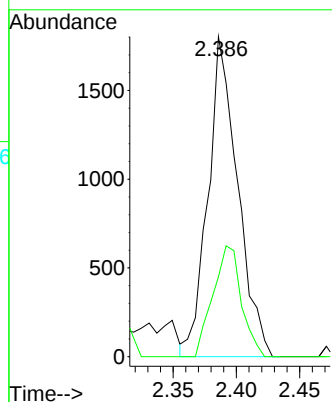


#16
Acetone
Concen: 6.23 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

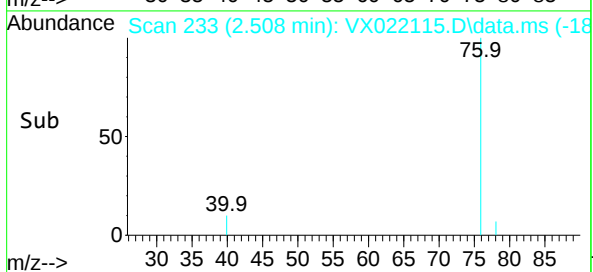
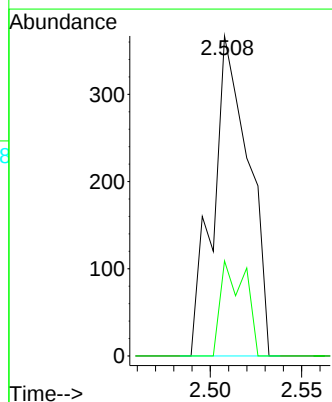
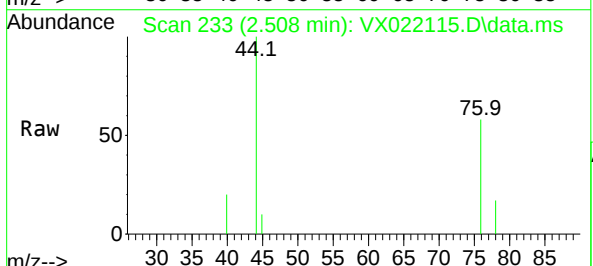


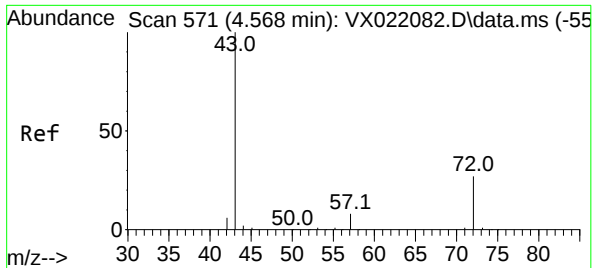
Tgt Ion: 43 Resp: 2941
Ion Ratio Lower Upper
43 100
58 25.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Tgt Ion: 76 Resp: 500
Ion Ratio Lower Upper
76 100
78 29.7 7.2 10.8#

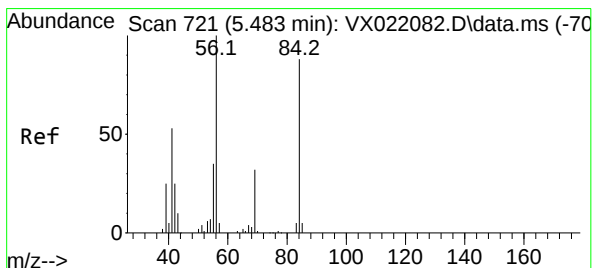
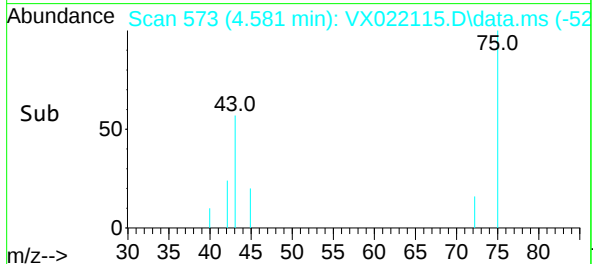
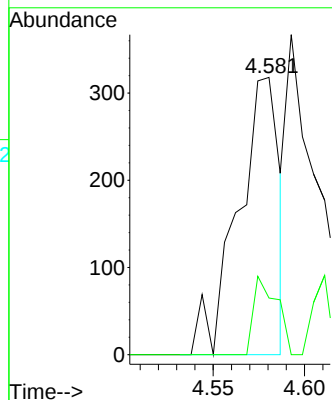
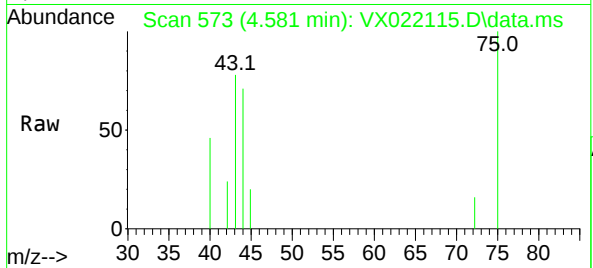




#25
2-Butanone
Concen: 0.66 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

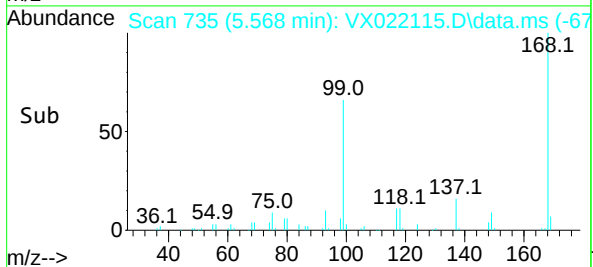
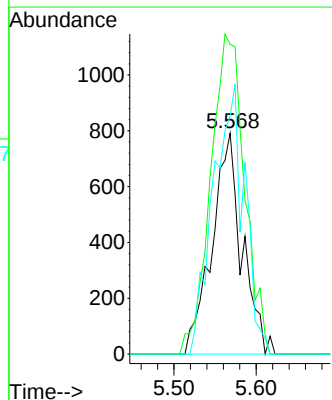
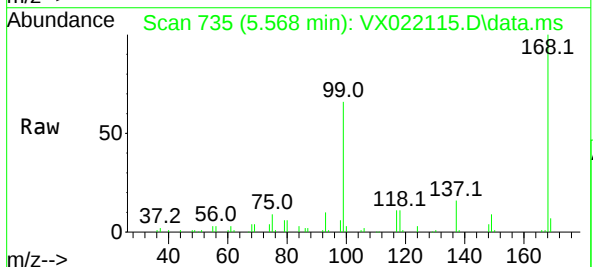
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

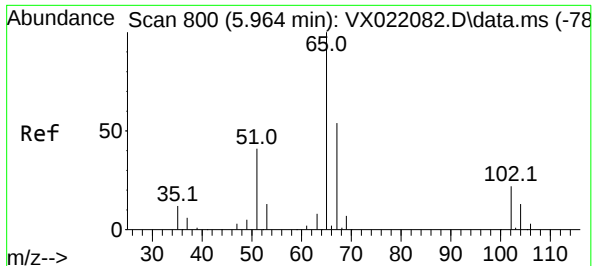
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
72 20.4 23.7 35.5#



#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Tgt Ion: 56 Resp: 2007
Ion Ratio Lower Upper
56 100
69 140.3 25.3 37.9#
84 107.8 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.70 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.007 min

Lab File: VX022115.D

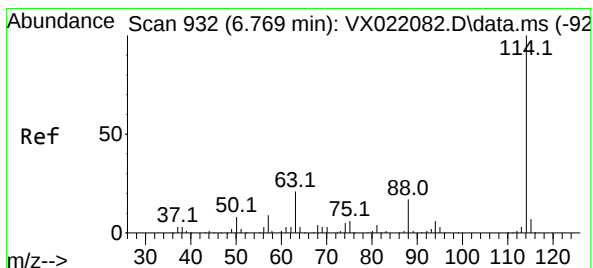
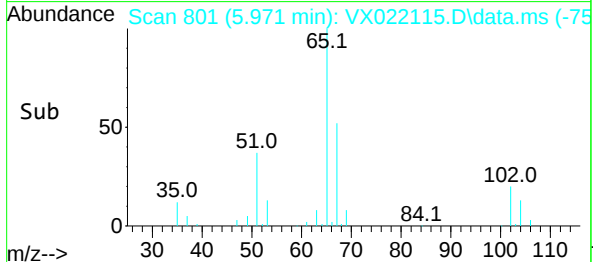
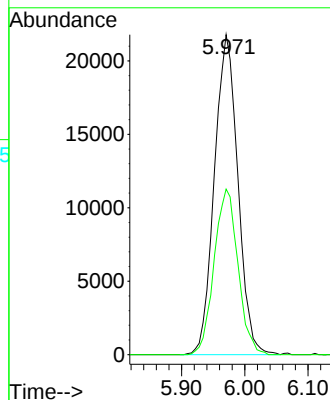
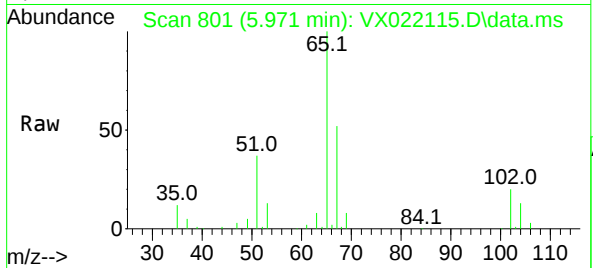
Acq: 21 May 2021 15:11

Tgt Ion: 65 Resp: 56056

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: VX022115.D

Acq: 21 May 2021 15:11

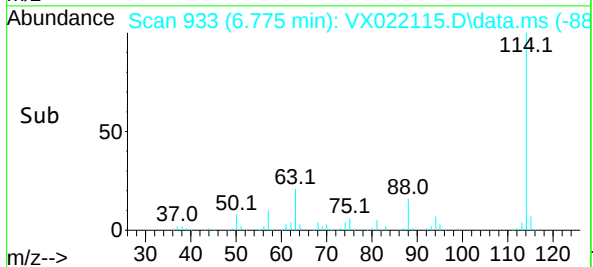
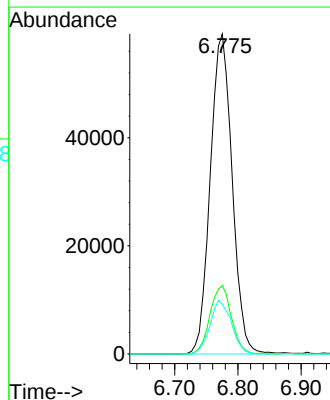
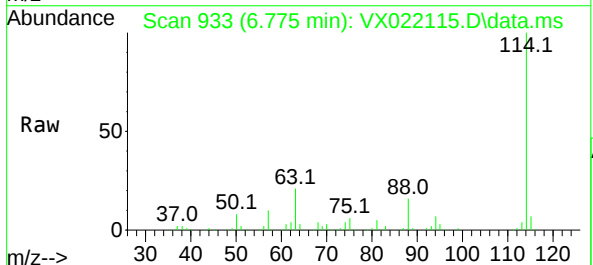
Tgt Ion: 114 Resp: 142348

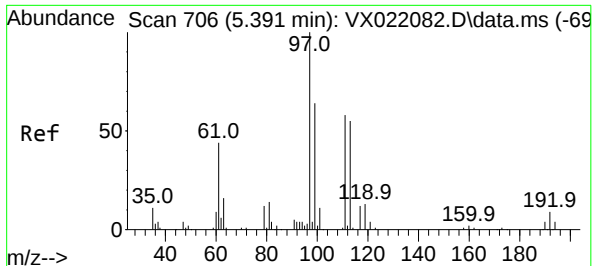
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

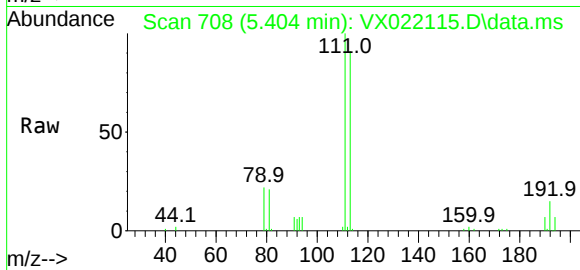
88 15.6 0.0 32.8



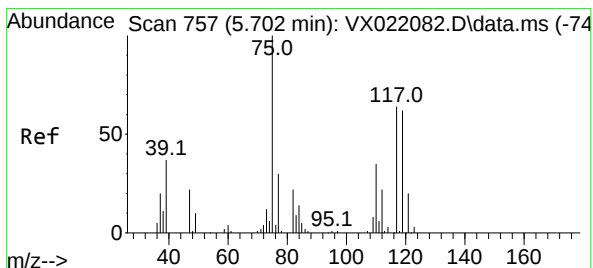
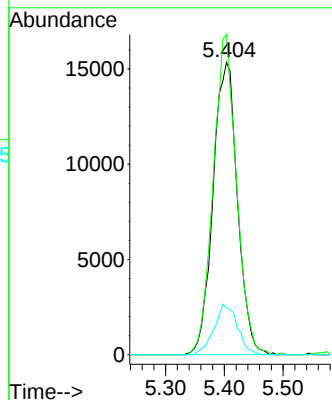
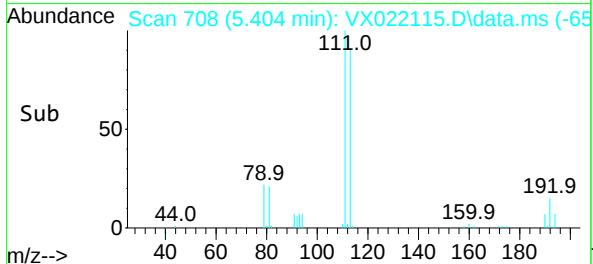


#35
Dibromofluoromethane
Concen: 49.12 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.013 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

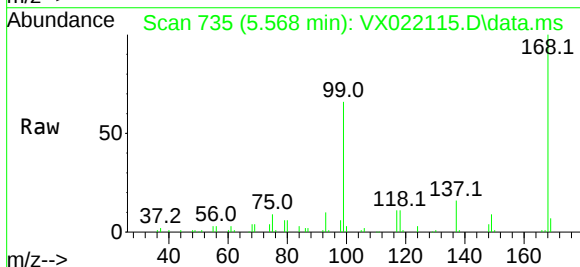
Instrument :
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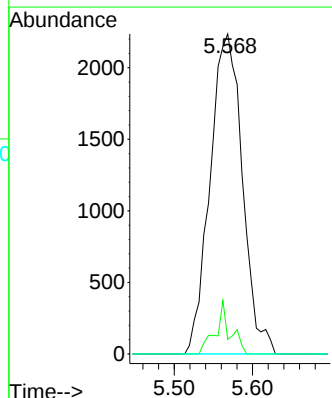
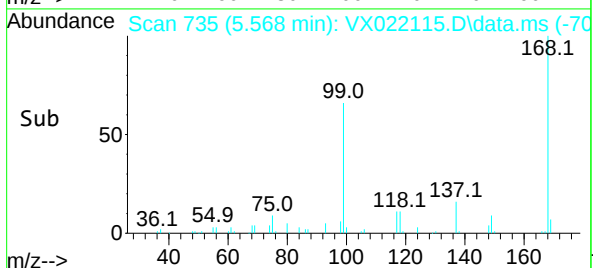
Tgt Ion:113 Resp: 44344
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 16.5 16.7 25.1#

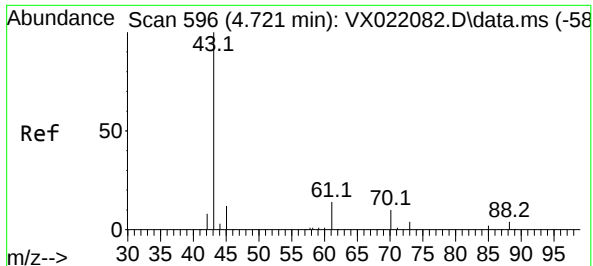


#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11



Tgt Ion: 75 Resp: 6416
Ion Ratio Lower Upper
75 100
110 7.4 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.31 ug/l

RT: 4.581 min Scan# 573

Delta R.T. -0.140 min

Lab File: VX022115.D

Acq: 21 May 2021 15:11

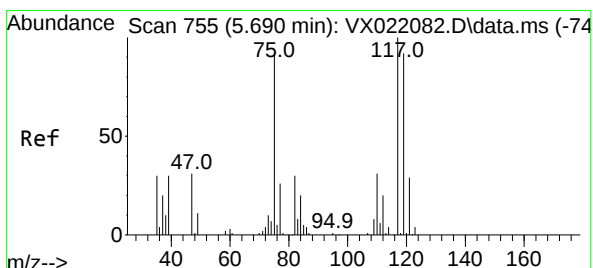
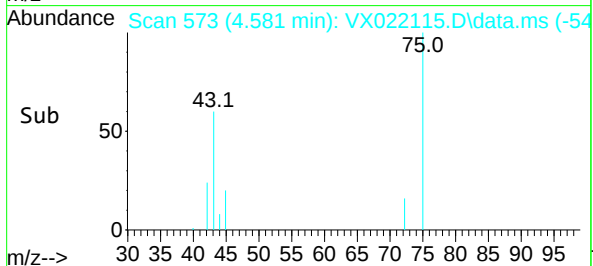
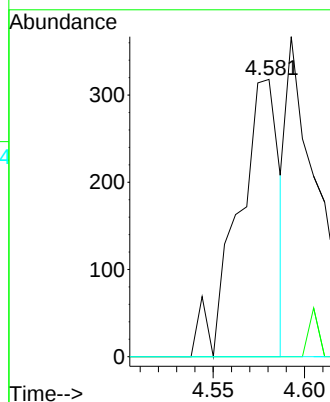
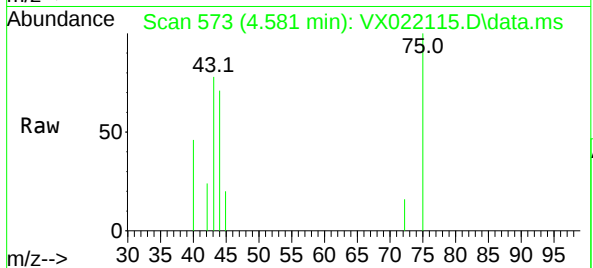
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-GW-918-920

Tgt Ion: 43	Resp: 502
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.23 ug/l

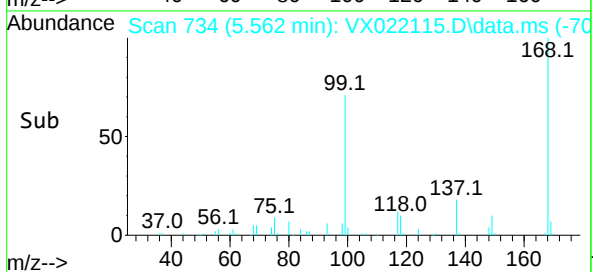
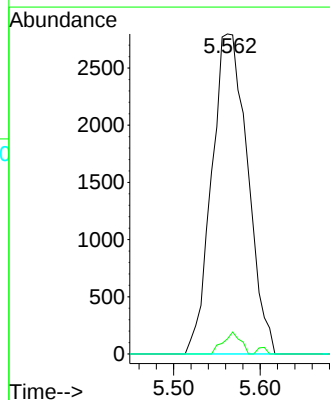
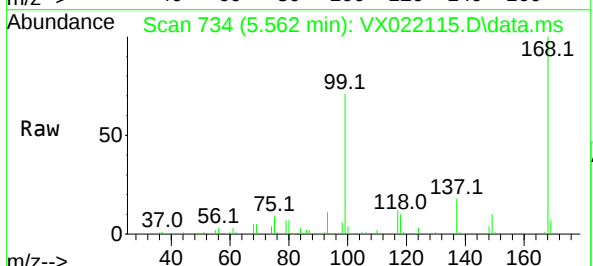
RT: 5.562 min Scan# 734

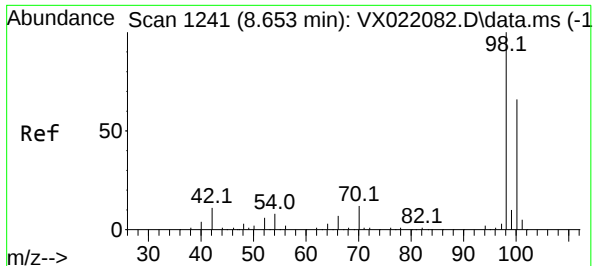
Delta R.T. -0.128 min

Lab File: VX022115.D

Acq: 21 May 2021 15:11

Tgt Ion: 117	Resp: 8026
Ion Ratio	Lower Upper
117 100	
119 4.7	76.2 114.2#
121 0.0	24.8 37.2#

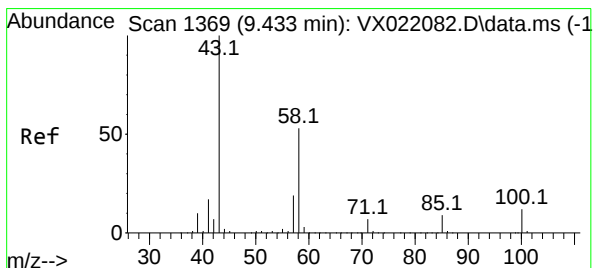
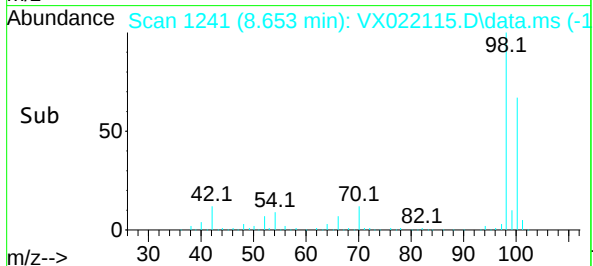
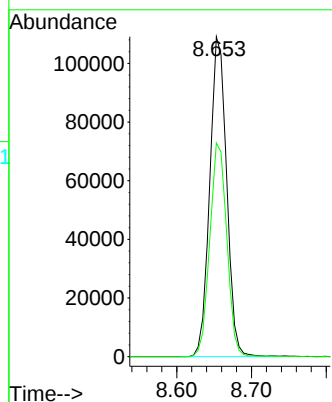
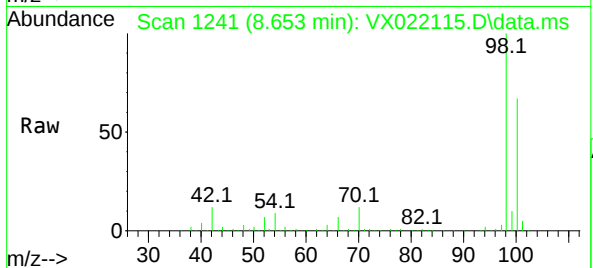




#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

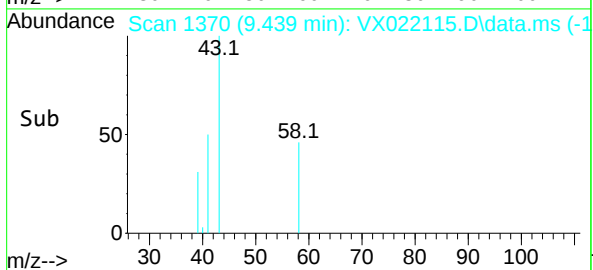
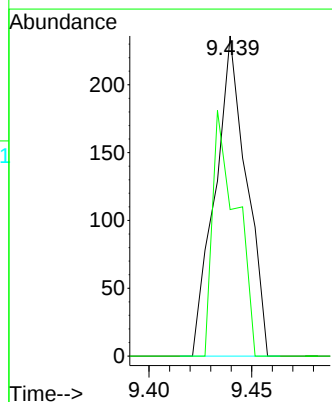
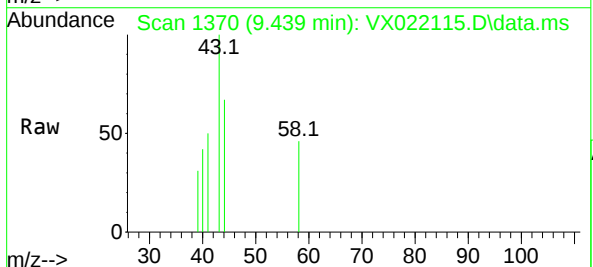
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

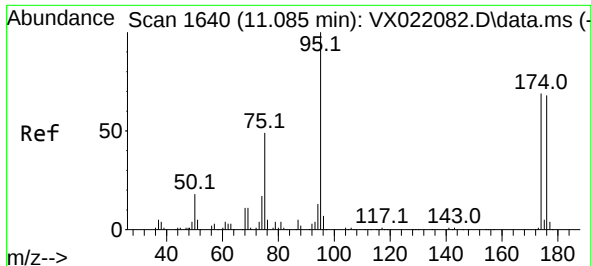
Tgt Ion: 98 Resp: 170889
Ion Ratio Lower Upper
98 100
100 67.5 51.9 77.9



#59
2-Hexanone
Concen: 0.21 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Tgt Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
58 58.4 30.9 92.8

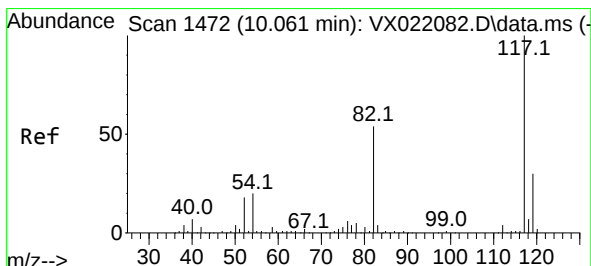
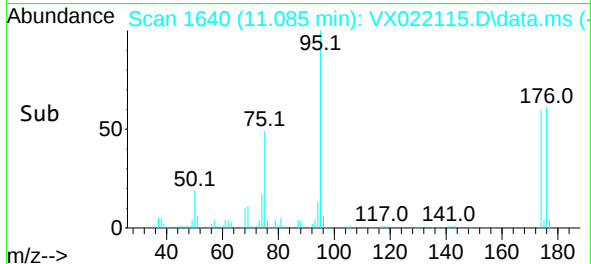
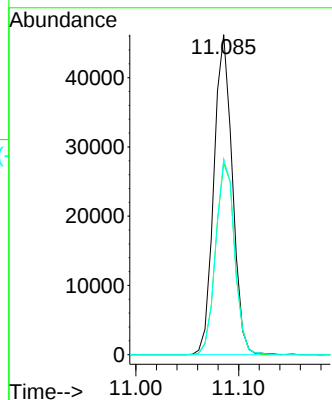
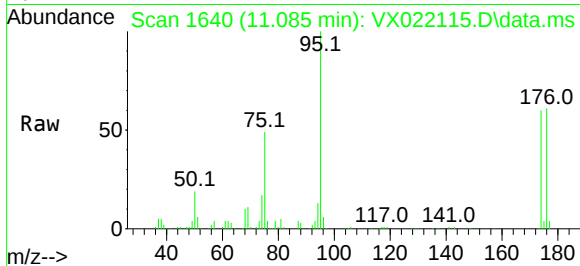




#62
4-Bromofluorobenzene
Concen: 44.69 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

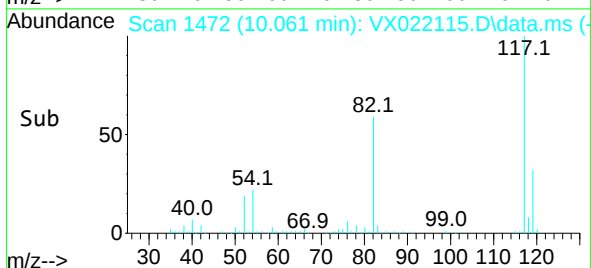
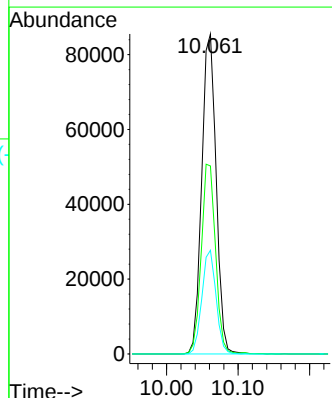
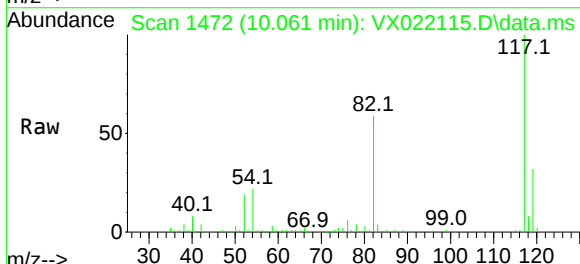
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

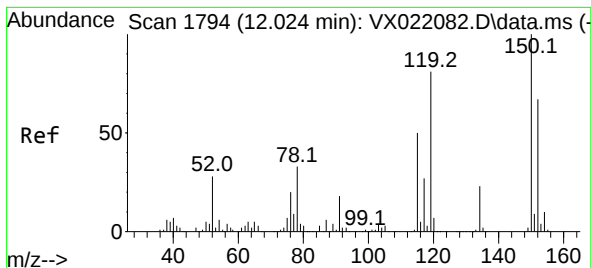
Tgt Ion: 95 Resp: 57442
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 62.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Tgt Ion: 117 Resp: 119639
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.4 26.6 39.8

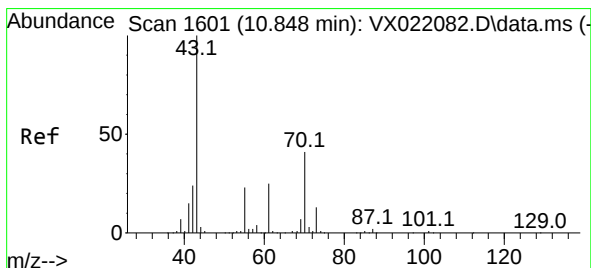
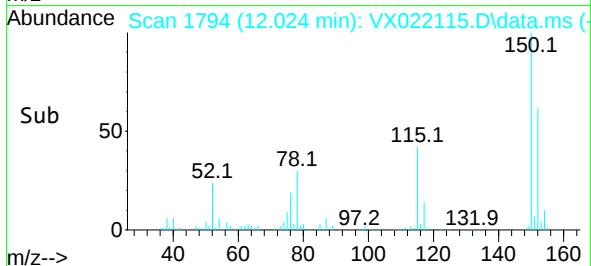
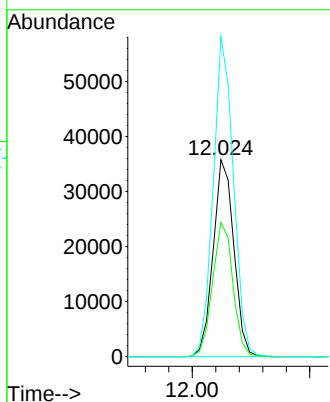
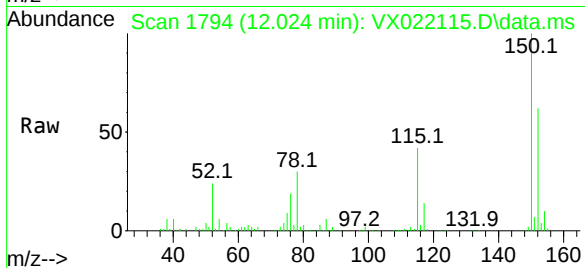




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

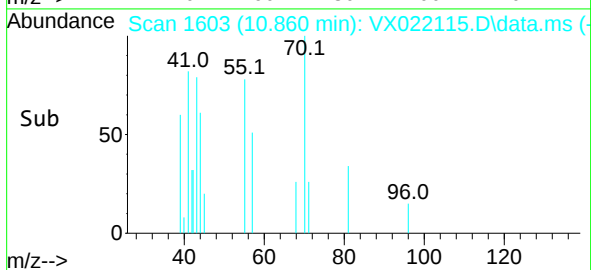
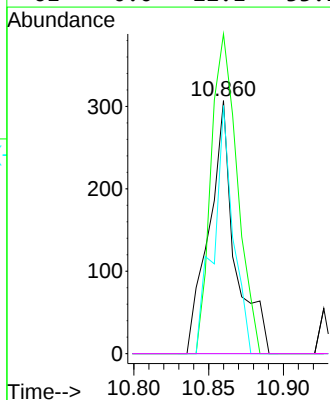
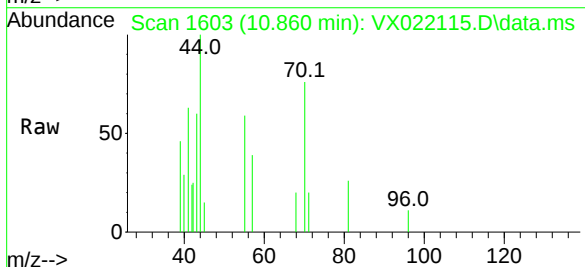
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

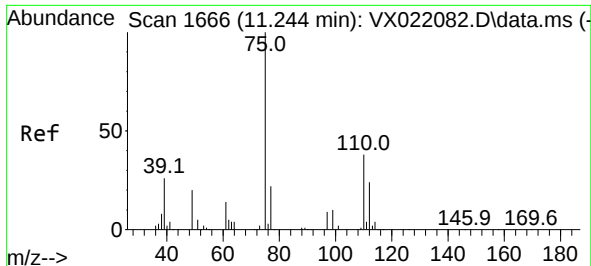
Tgt Ion:152 Resp: 43716
Ion Ratio Lower Upper
152 100
115 67.3 41.1 123.3
150 159.2 0.0 349.0



#74
N-ethyl acetate
Concen: 0.21 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
70 127.8 39.0 58.6#
55 74.3 21.5 32.3#
61 0.0 22.1 33.1#

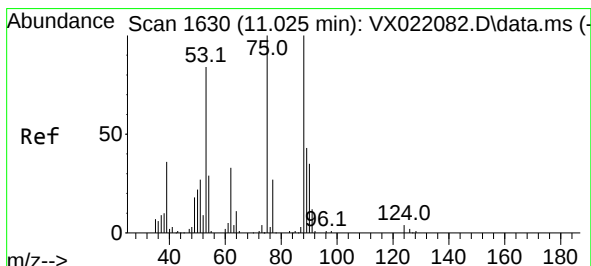
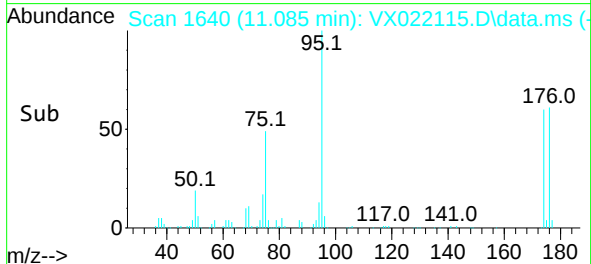
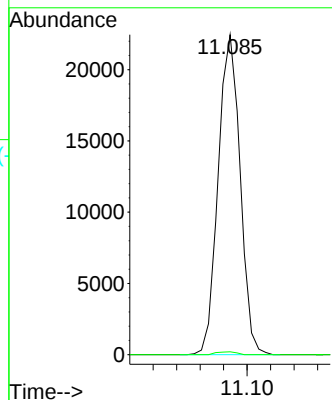
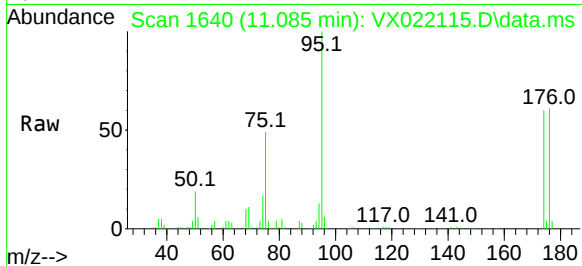




#76
1,2,3-Trichloropropane
Concen: 27.00 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-918-920

Tgt Ion: 75 Resp: 29124
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022115.D
Acq: 21 May 2021 15:11

Tgt Ion: 75 Resp: 29124
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

