

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022342.D
 Acq On : 02 Jun 2021 16:38
 Operator : JC/MD
 Sample : M2579-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-04-20210601

Quant Time: Jun 03 02:21:46 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)

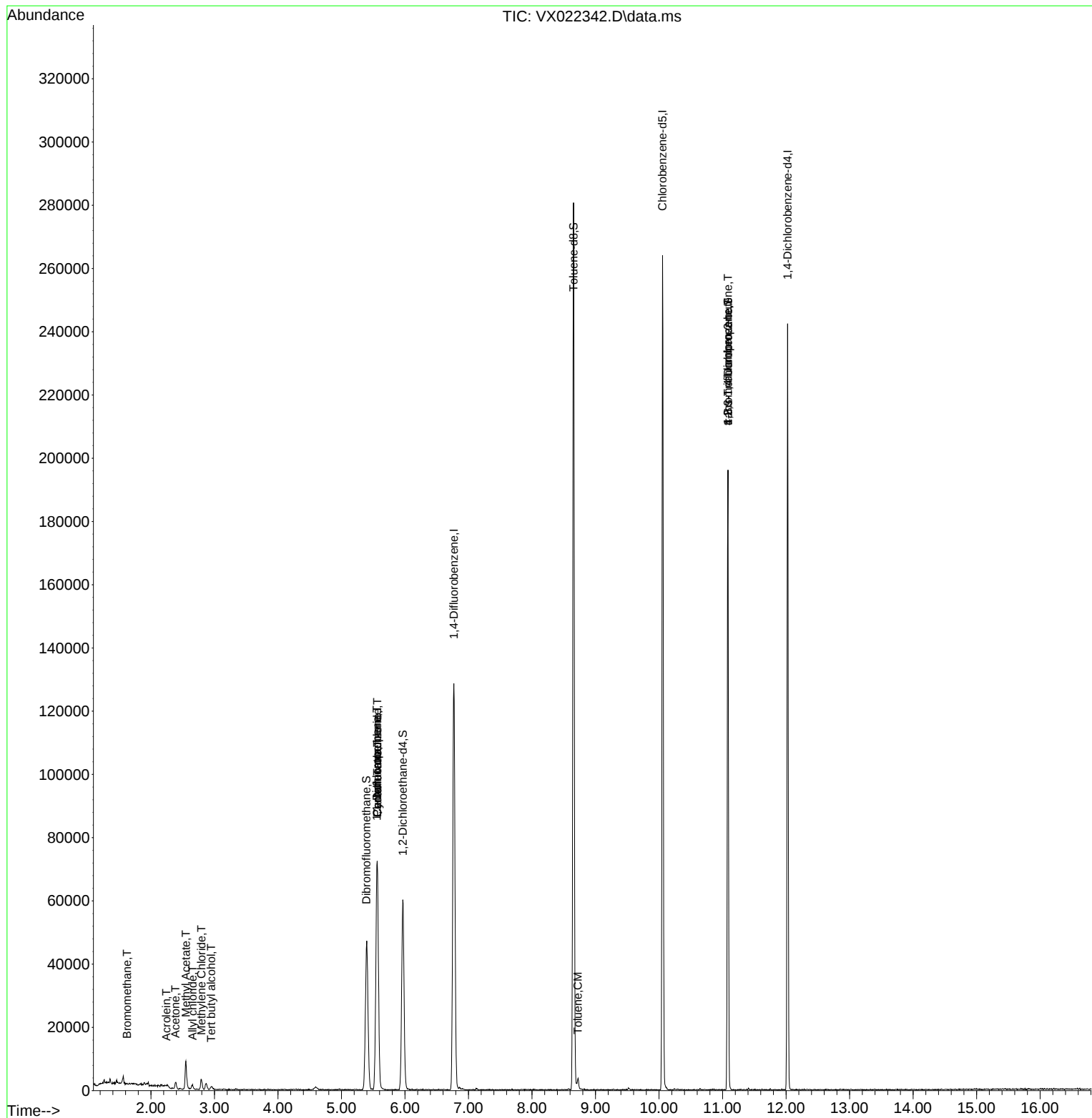
Internal Standards						
1) Pentafluorobenzene	5.562	168	63708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	129617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55665	56.64	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.28%
35) Dibromofluoromethane	5.391	113	40068	48.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.50%
50) Toluene-d8	8.653	98	163603	51.67	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.34%
62) 4-Bromofluorobenzene	11.085	95	55049	47.04	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.08%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	148	0.29	ug/l #	2
11) Tert butyl alcohol	2.947	59	504	2.24	ug/l #	73
13) Acrolein	2.239	56	49	0.33	ug/l #	71
14) Allyl chloride	2.654	41	1480	1.10	ug/l #	50
16) Acetone	2.386	43	2362	5.52	ug/l	90
18) Methyl Acetate	2.550	43	2638	2.32	ug/l #	47
20) Methylene Chloride	2.794	84	1497	1.58	ug/l #	87
31) Cyclohexane	5.562	56	1791	1.45	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	6074	5.07	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6958	5.93	ug/l #	12
52) Toluene	8.720	92	1201	0.51	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	28656	27.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28656	65.83	ug/l #	12

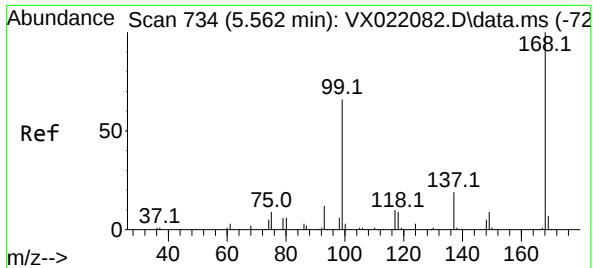
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
RB-04-20210601

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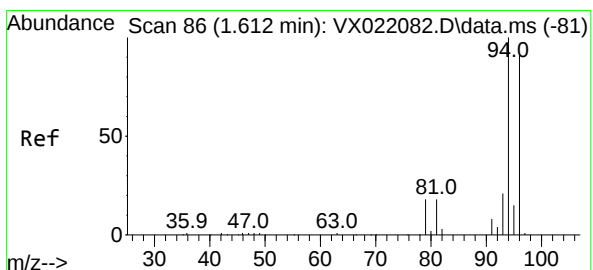
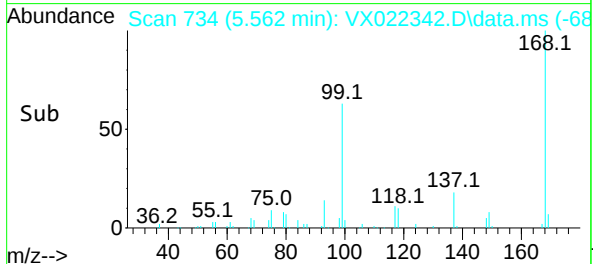
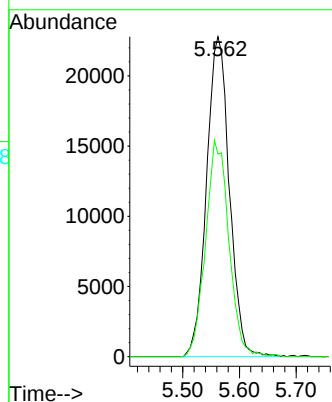
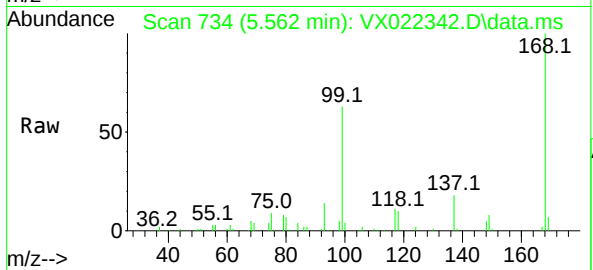




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

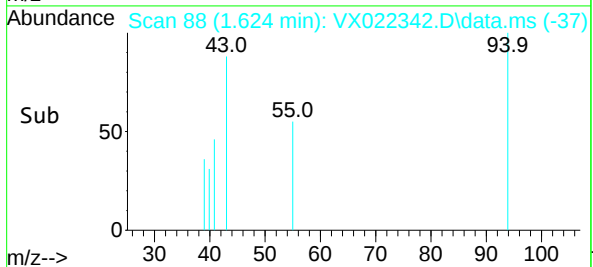
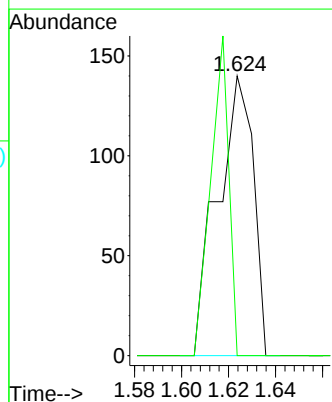
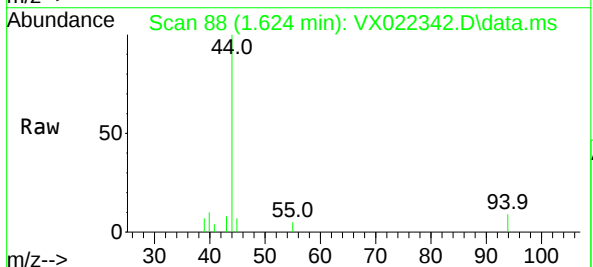
Instrument :
MSVOA_X
ClientSampleId :
RB-04-20210601

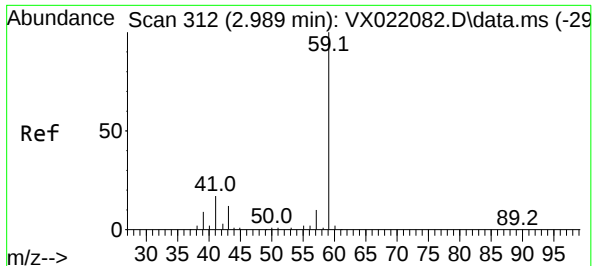
Tgt Ion:168 Resp: 63708
Ion Ratio Lower Upper
168 100
99 63.3 45.8 68.6



#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



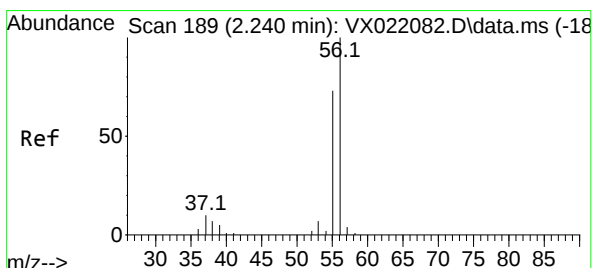
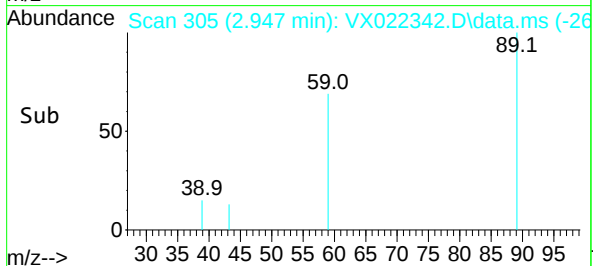
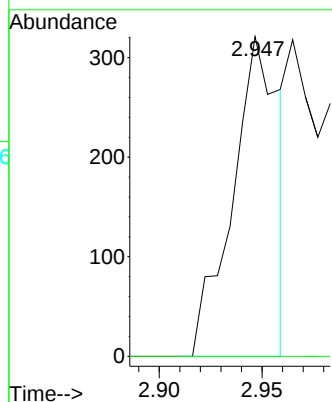
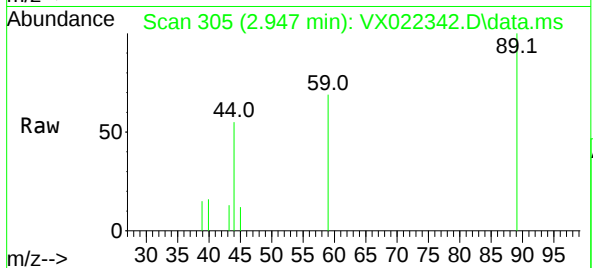


#11

Tert butyl alcohol
Concen: 2.24 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

Instrument :
MSVOA_X
ClientSampleId :
RB-04-20210601

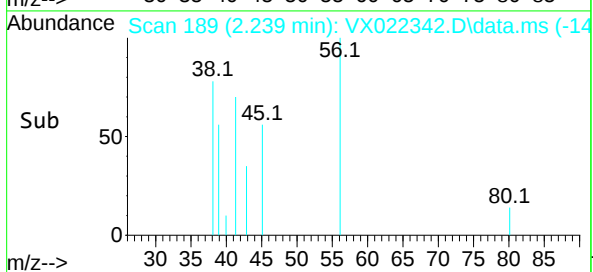
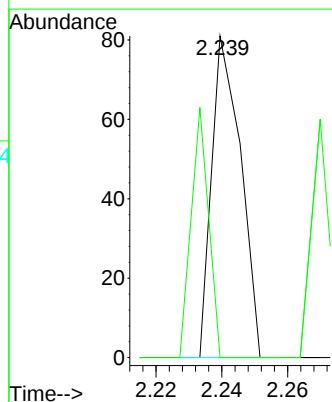
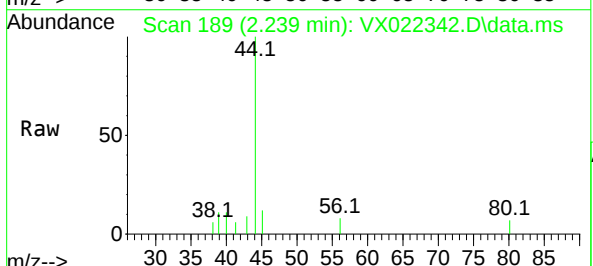
Tgt Ion: 59 Resp: 504
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

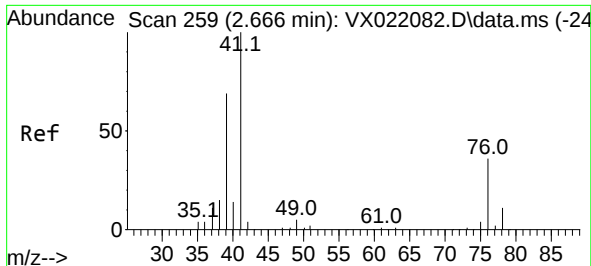


#13

Acrolein
Concen: 0.33 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 46.9 56.4 84.6#

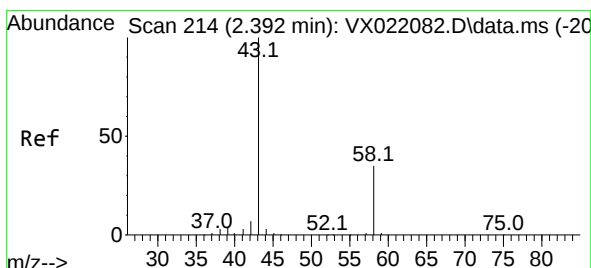
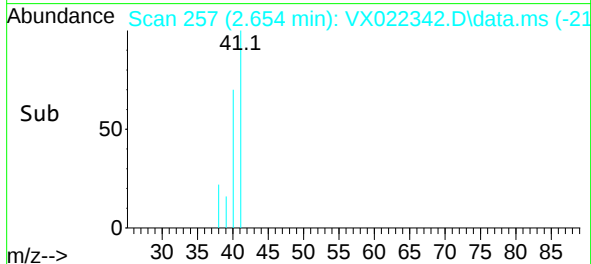
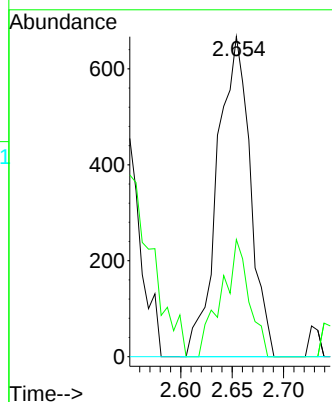
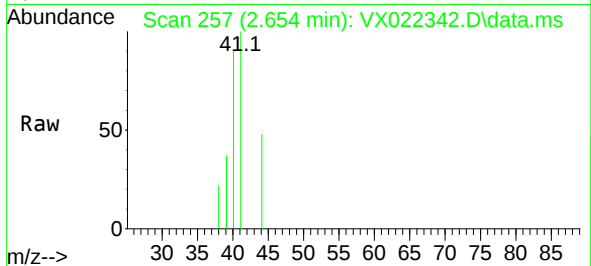




#14
 Allyl chloride
 Concen: 1.10 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.012 min
 Lab File: VX022342.D
 Acq: 02 Jun 2021 16:38

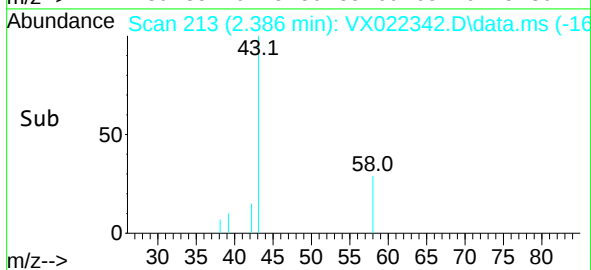
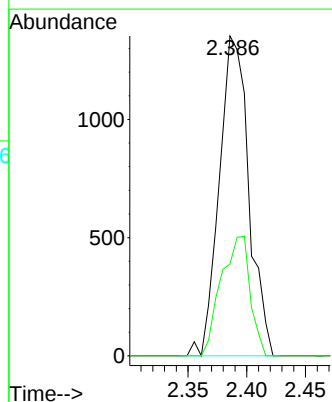
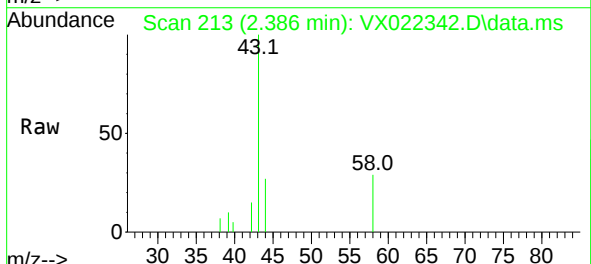
Instrument :
 MSVOA_X
 ClientSampleId :
 RB-04-20210601

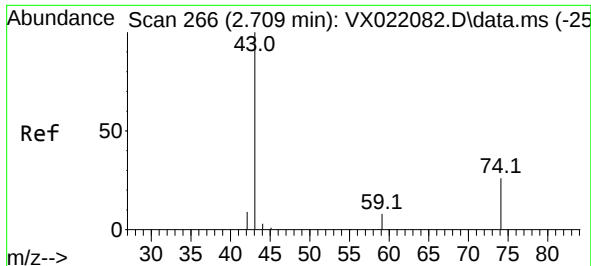
Tgt Ion: 41	Resp: 1480
Ion Ratio	Lower Upper
41 100	
39 30.8	51.6 77.4#
76 0.0	30.5 45.7#



#16
 Acetone
 Concen: 5.52 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX022342.D
 Acq: 02 Jun 2021 16:38

Tgt Ion: 43	Resp: 2362
Ion Ratio	Lower Upper
43 100	
58 28.8	27.8 41.8





#18

Methyl Acetate

Concen: 2.32 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.159 min

Lab File: VX022342.D

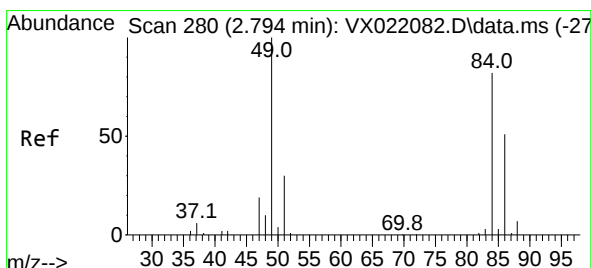
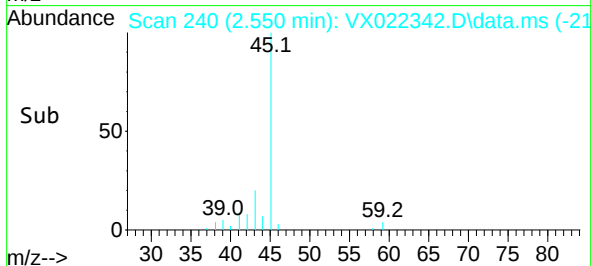
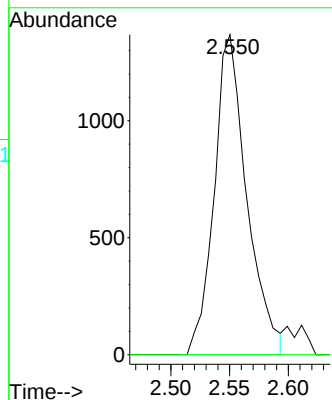
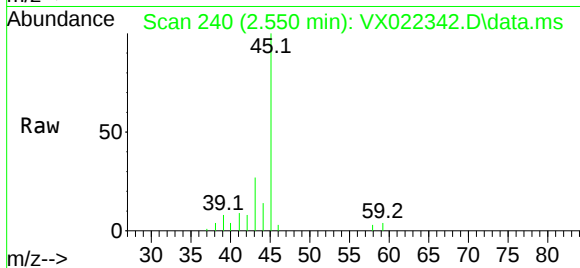
Acq: 02 Jun 2021 16:38

Tgt Ion: 43 Resp: 2638

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 1.58 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022342.D

Acq: 02 Jun 2021 16:38

Tgt Ion: 84 Resp: 1497

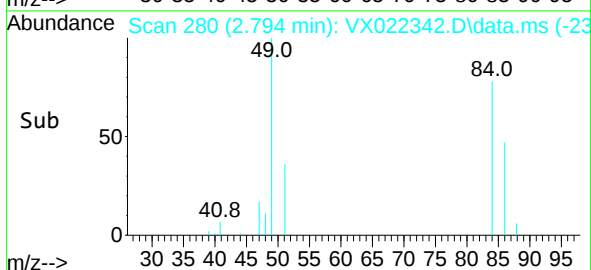
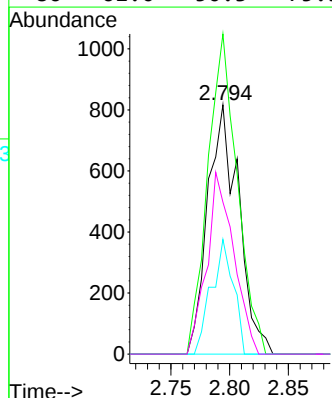
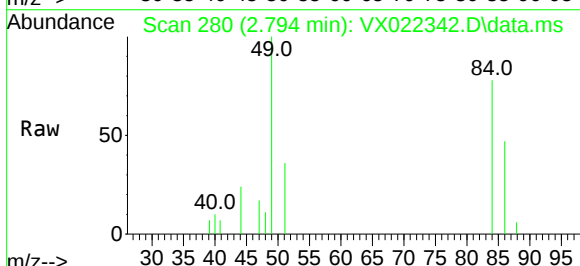
Ion Ratio Lower Upper

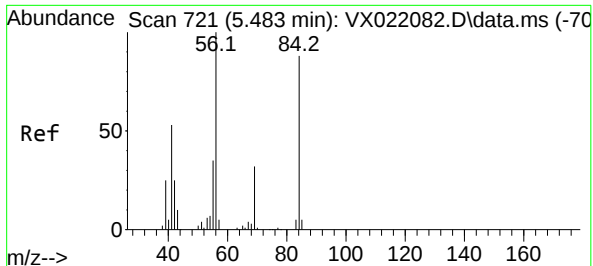
84 100

49 128.4 88.6 132.8

51 46.0 27.0 40.6#

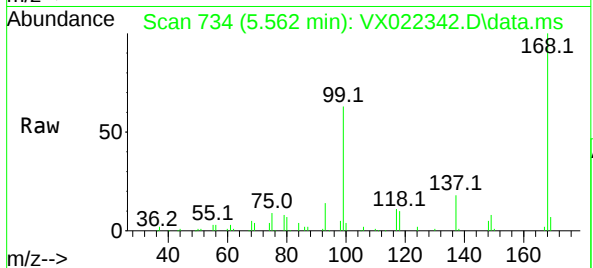
86 61.0 50.3 75.5



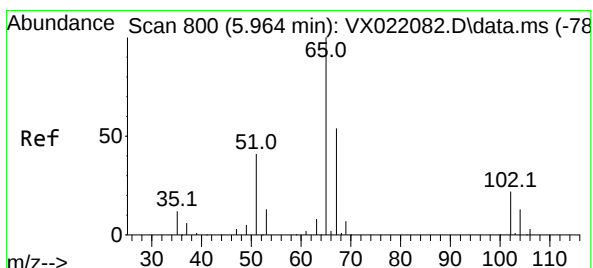
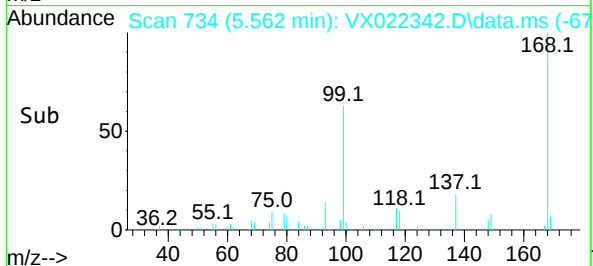
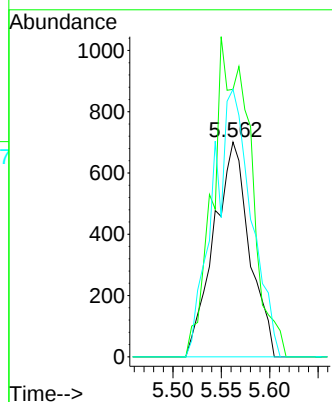


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

Instrument :
MSVOA_X
ClientSampleId :
RB-04-20210601

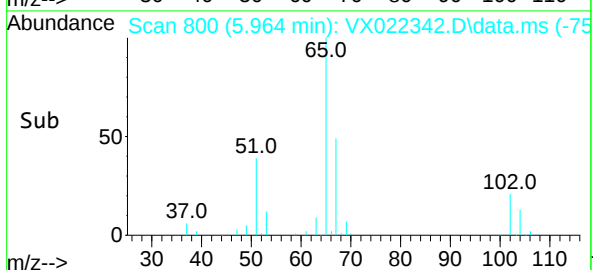
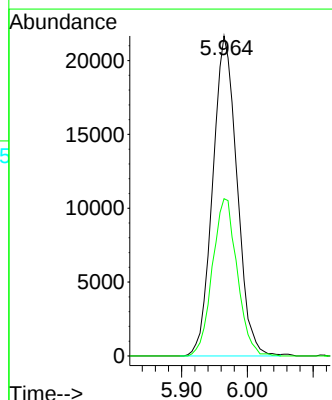
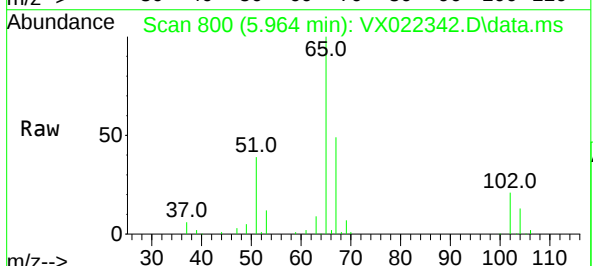


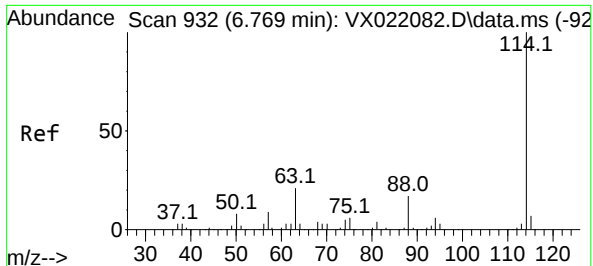
Tgt Ion: 56 Resp: 1791
Ion Ratio Lower Upper
56 100
69 124.5 25.3 37.9#
84 124.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.64 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

Tgt Ion: 65 Resp: 55665
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

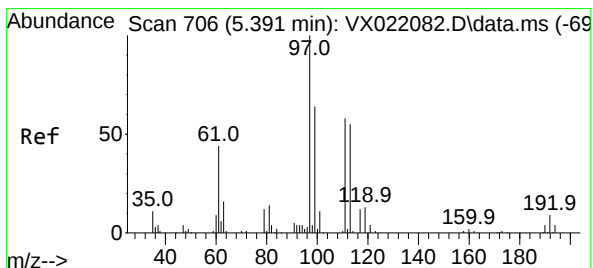
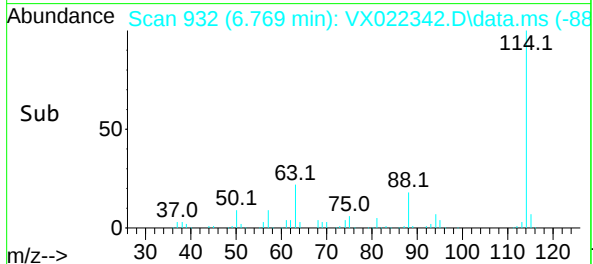
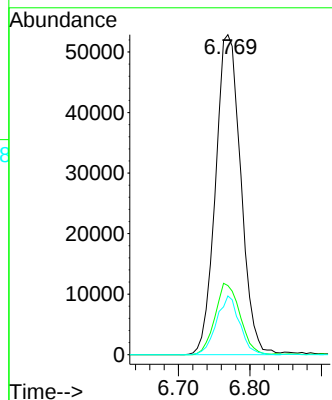
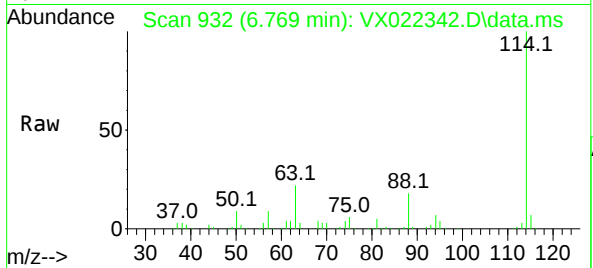




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

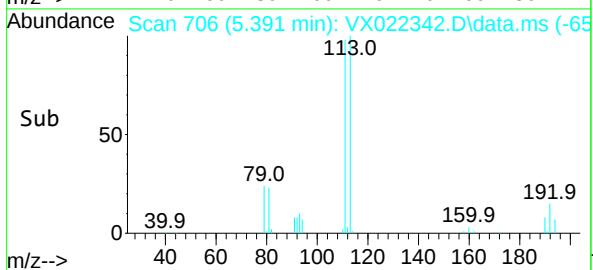
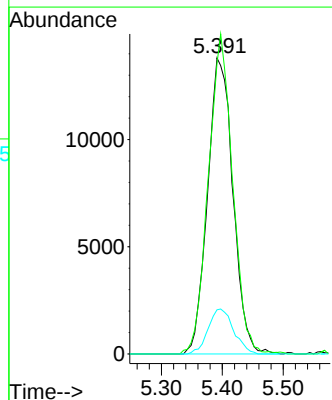
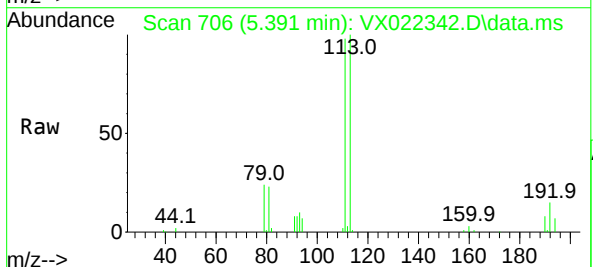
Instrument :
MSVOA_X
ClientSampleId :
RB-04-20210601

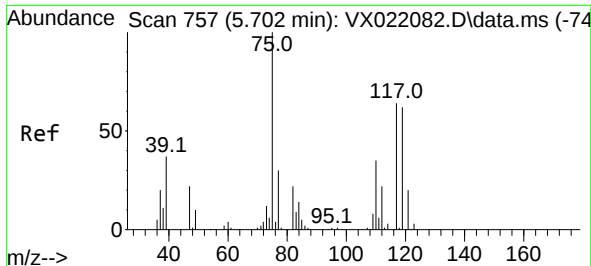
Tgt Ion:114 Resp: 129617
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 18.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.75 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

Tgt Ion:113 Resp: 40068
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 15.2 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.07 ug/l

RT: 5.556 min Scan# 733

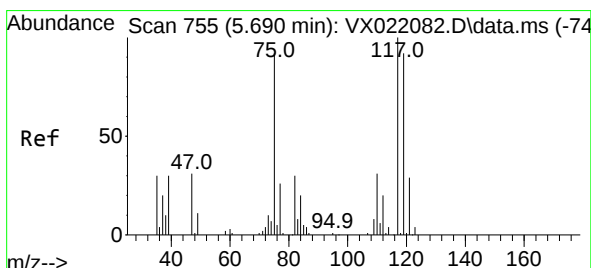
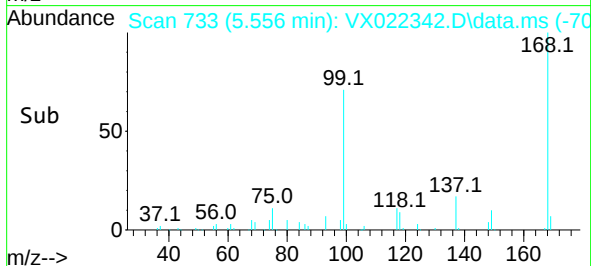
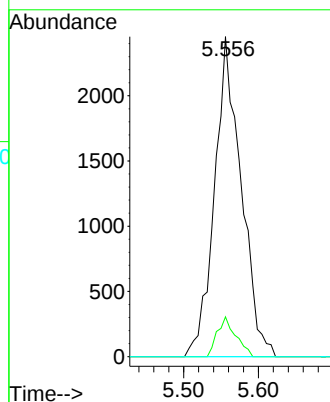
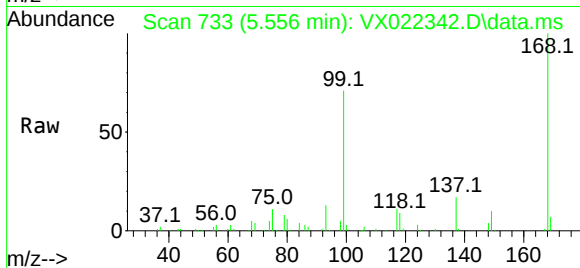
Delta R.T. -0.146 min

Lab File: VX022342.D

Acq: 02 Jun 2021 16:38

Tgt Ion:	75	Resp:	6074
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
RB-04-20210601



#38

Carbon Tetrachloride

Concen: 5.93 ug/l

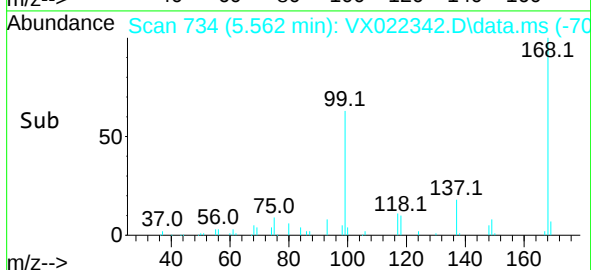
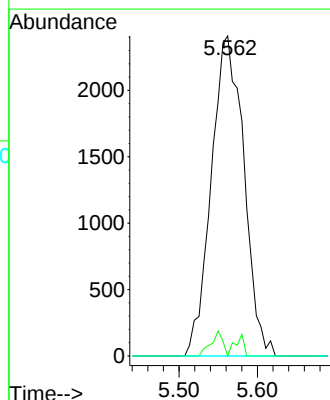
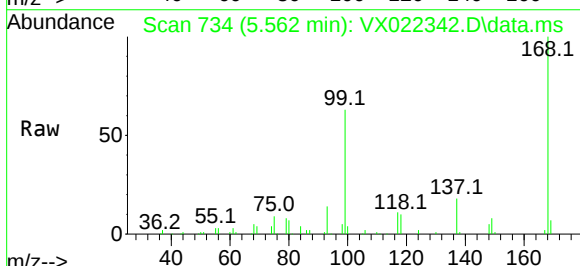
RT: 5.562 min Scan# 734

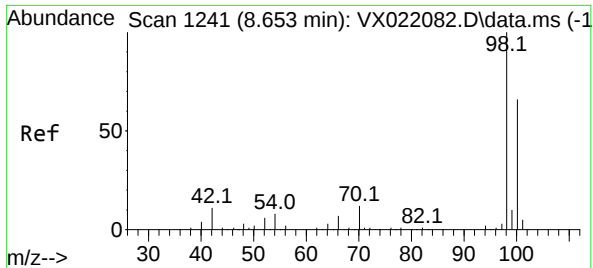
Delta R.T. -0.128 min

Lab File: VX022342.D

Acq: 02 Jun 2021 16:38

Tgt Ion:	117	Resp:	6958
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.2	114.2#
121	0.0	24.8	37.2#

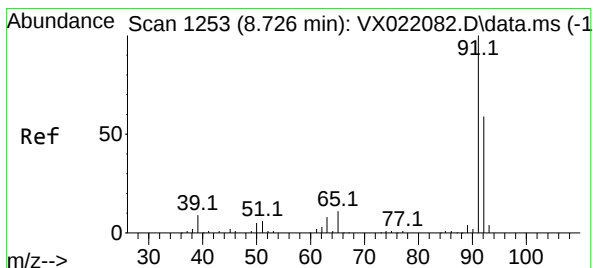
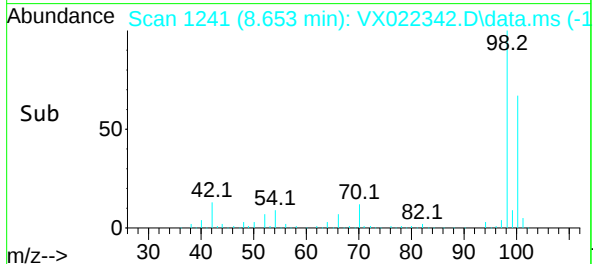
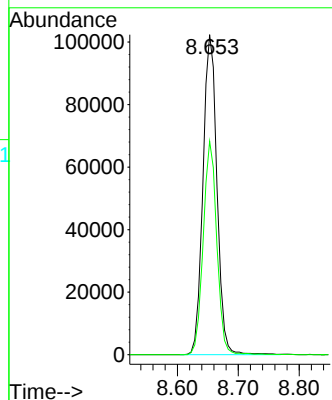
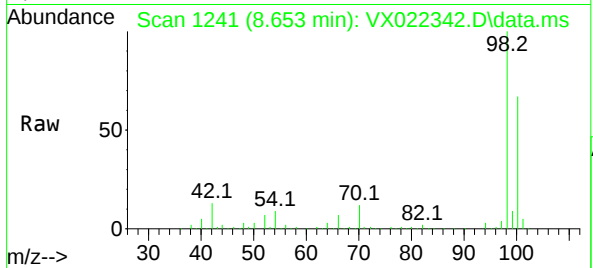




#50
Toluene-d8
Concen: 51.67 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

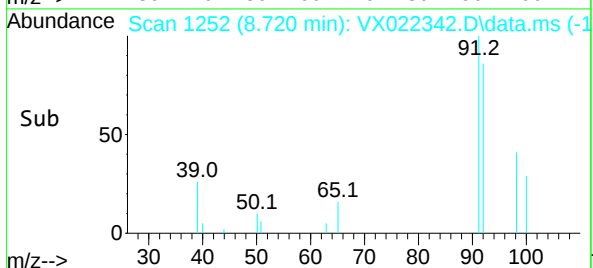
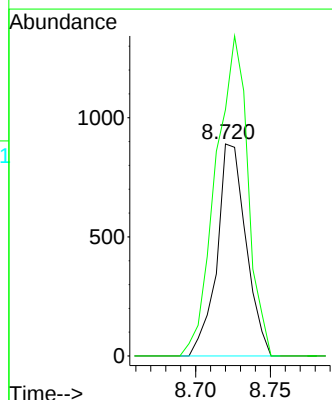
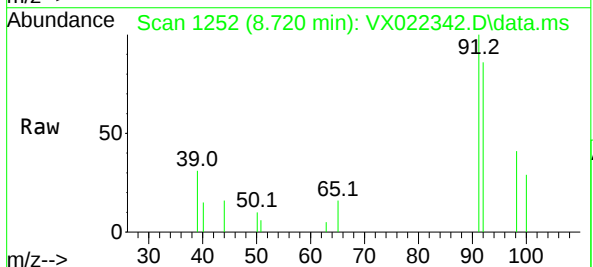
Instrument :
MSVOA_X
ClientSampleId :
RB-04-20210601

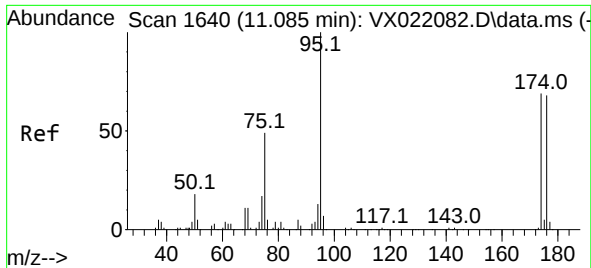
Tgt Ion: 98 Resp: 163603
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#52
Toluene
Concen: 0.51 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

Tgt Ion: 92 Resp: 1201
Ion Ratio Lower Upper
92 100
91 167.3 137.1 205.7

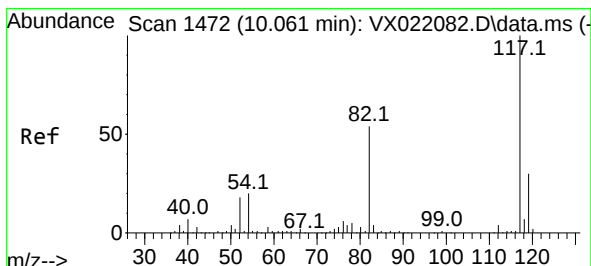
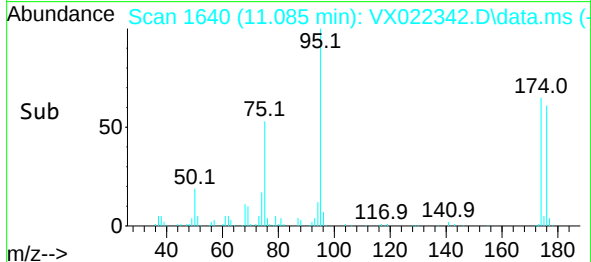
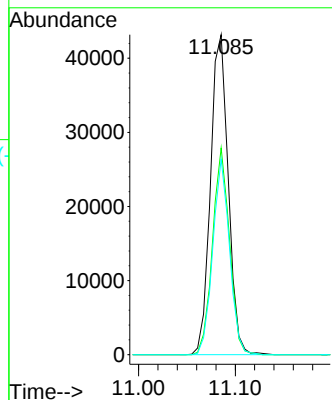
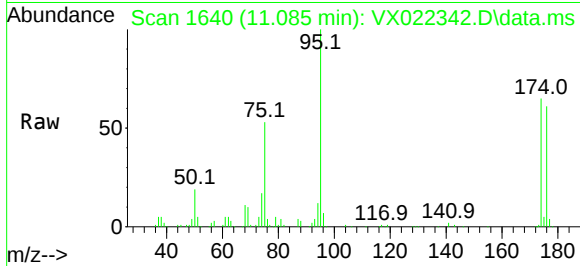




#62
4-Bromofluorobenzene
Concen: 47.04 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

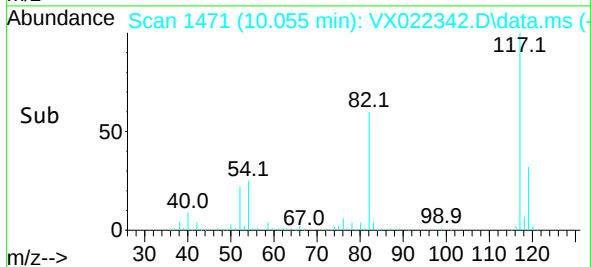
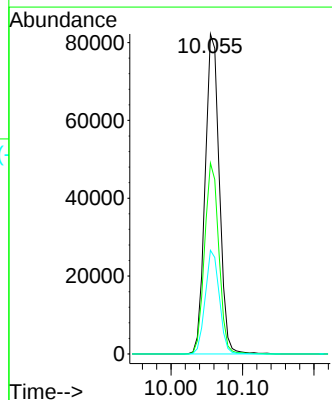
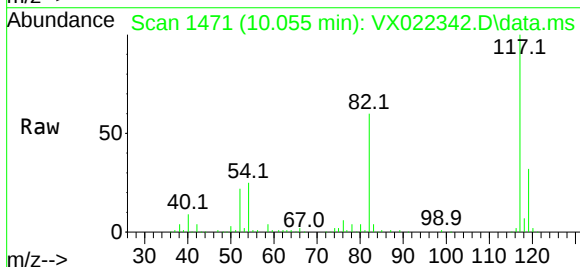
Instrument :
MSVOA_X
ClientSampleId :
RB-04-20210601

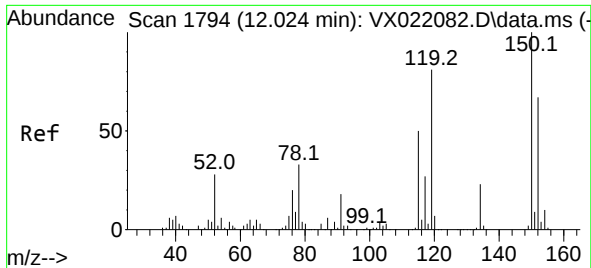
Tgt Ion:	95	Resp:	55049
Ion	Ratio	Lower	Upper
95	100		
174	62.0	0.0	154.6
176	57.6	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022342.D
Acq: 02 Jun 2021 16:38

Tgt Ion:	117	Resp:	113481
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.4	71.2
119	32.4	26.6	39.8

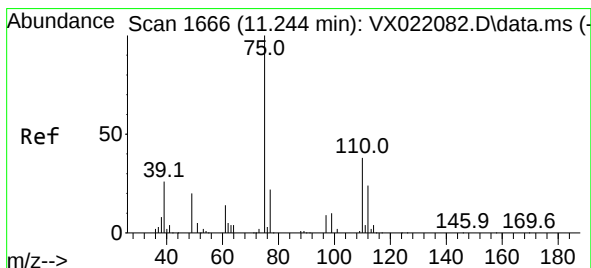
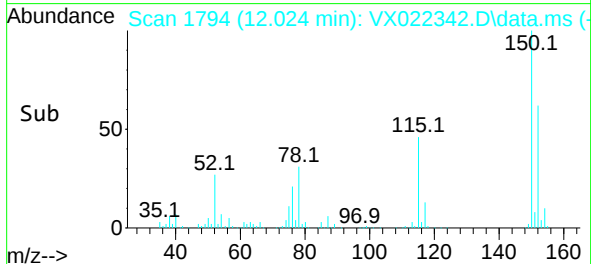
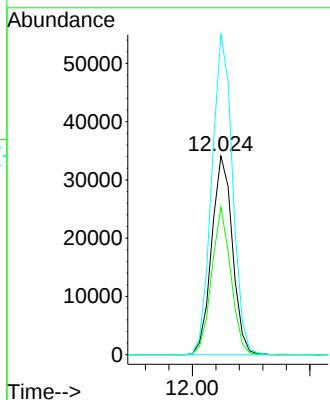
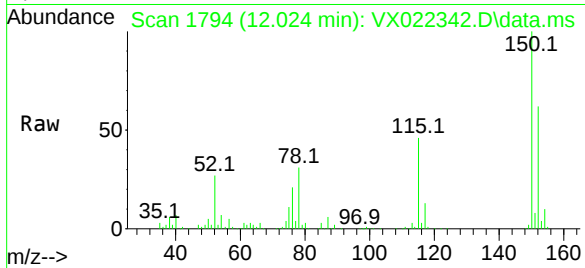




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022342.D
 Acq: 02 Jun 2021 16:38

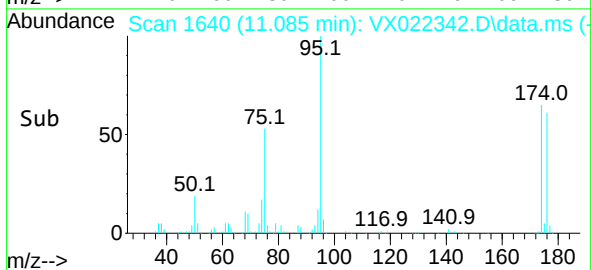
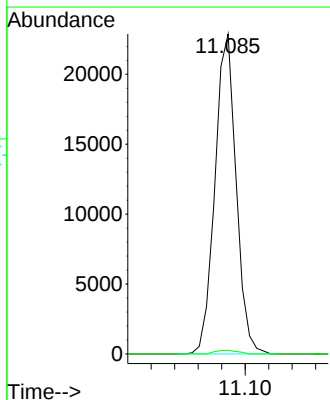
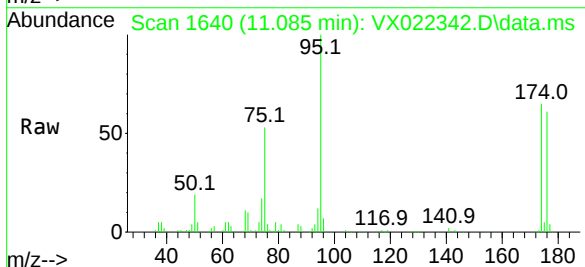
Instrument :
 MSVOA_X
 ClientSampleId :
 RB-04-20210601

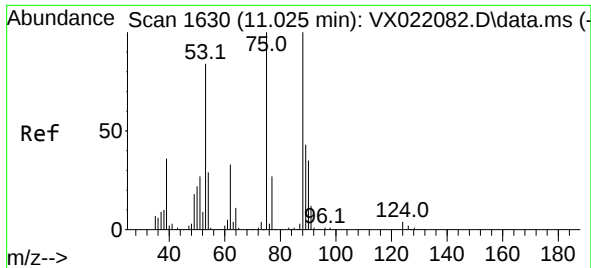
Tgt Ion:152 Resp: 41808
 Ion Ratio Lower Upper
 152 100
 115 68.5 41.1 123.3
 150 161.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.78 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022342.D
 Acq: 02 Jun 2021 16:38

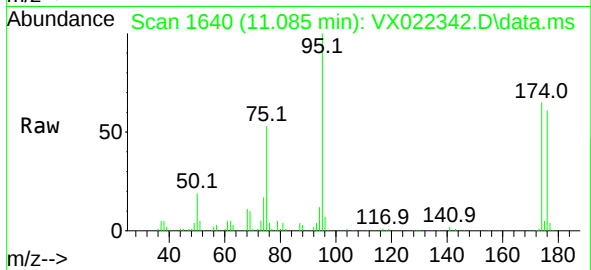
Tgt Ion: 75 Resp: 28656
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.83 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022342.D
 Acq: 02 Jun 2021 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-04-20210601



Tgt Ion: 75 Resp: 28656

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.1	37.9	56.9#

