

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022088.D
 Acq On : 19 May 2021 15:16
 Operator : JC/MD
 Sample : VX0519WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBL01

Quant Time: May 20 04:22:59 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)

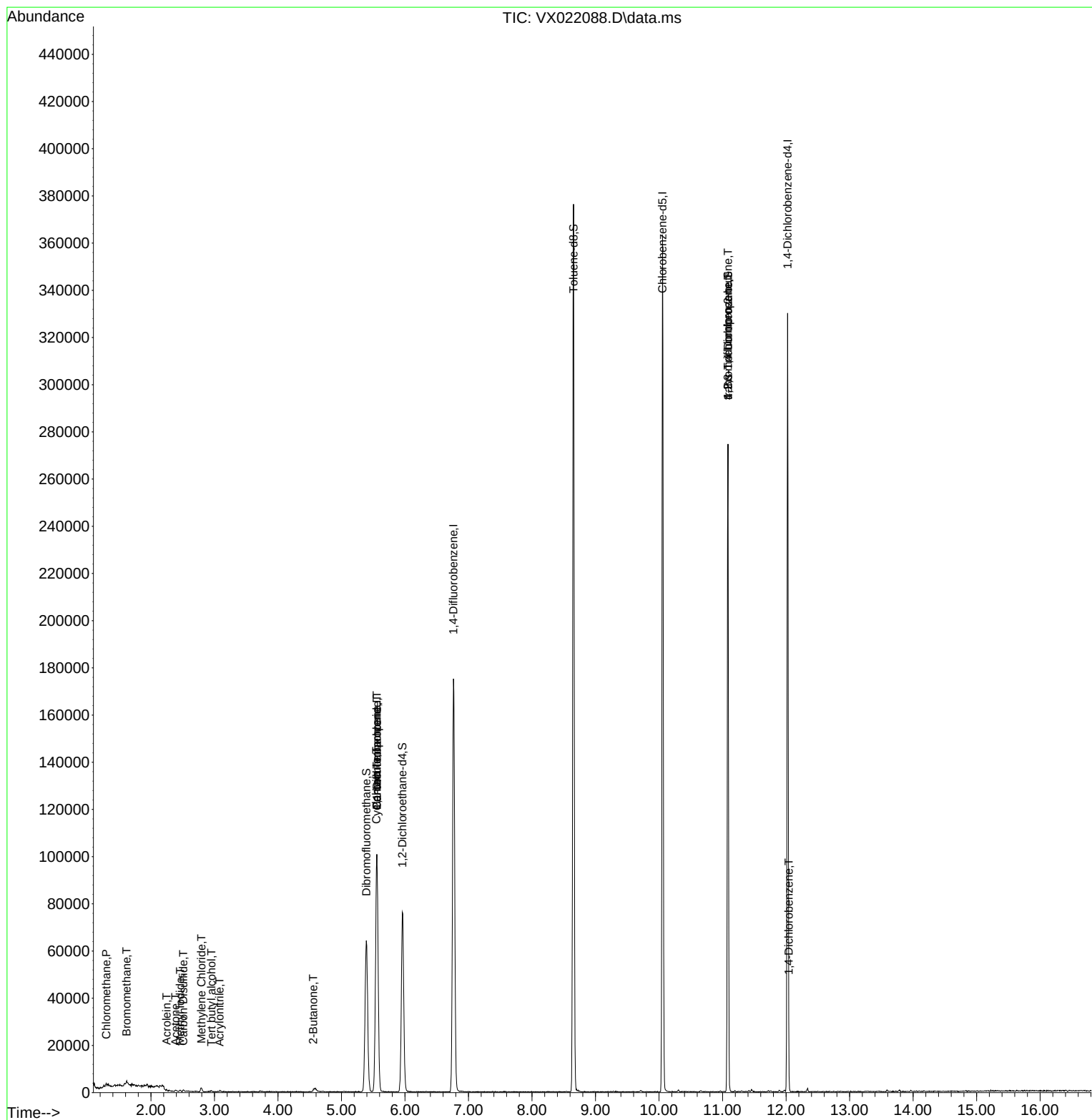
Internal Standards						
1) Pentafluorobenzene	5.556	168	88280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68861	50.57	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.14%		
35) Dibromofluoromethane	5.391	113	56410	49.51	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.02%		
50) Toluene-d8	8.653	98	213436	48.63	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.26%		
62) 4-Bromofluorobenzene	11.085	95	75999	46.85	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.70%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	372	0.32	ug/l #	87
5) Bromomethane	1.618	94	457	0.64	ug/l	92
10) Methyl Iodide	2.459	142	575	0.51	ug/l #	87
11) Tert butyl alcohol	2.953	59	207	0.66	ug/l #	73
13) Acrolein	2.245	56	76	0.37	ug/l #	48
15) Acrylonitrile	3.081	53	219	0.36	ug/l #	63
16) Acetone	2.386	43	616	1.04	ug/l	97
17) Carbon Disulfide	2.508	76	950	0.36	ug/l #	75
20) Methylene Chloride	2.794	84	788	0.60	ug/l #	90
25) 2-Butanone	4.556	43	207	0.22	ug/l #	45
31) Cyclohexane	5.550	56	2324	1.36	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	8360	5.03	ug/l #	48
38) Carbon Tetrachloride	5.556	117	9740	5.99	ug/l #	18
76) 1,2,3-Trichloropropane	11.085	75	38260	25.11	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	38260	59.50	ug/l #	12
88) 1,4-Dichlorobenzene	12.042	146	523	0.24	ug/l #	75

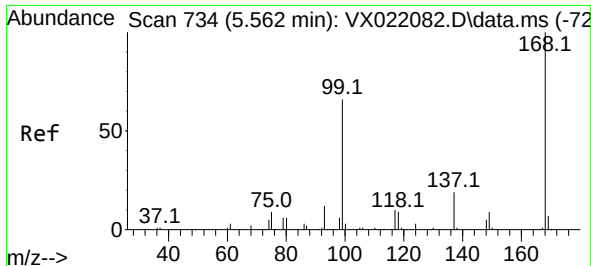
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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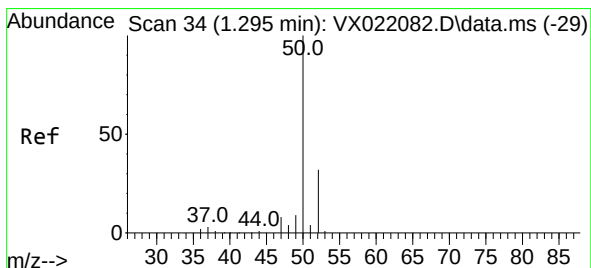
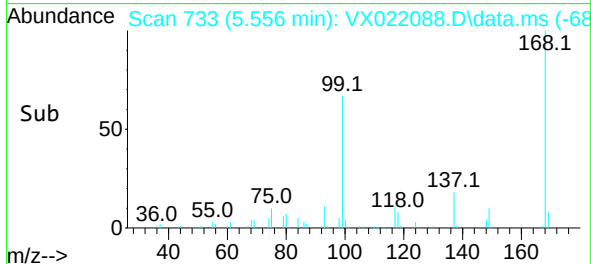
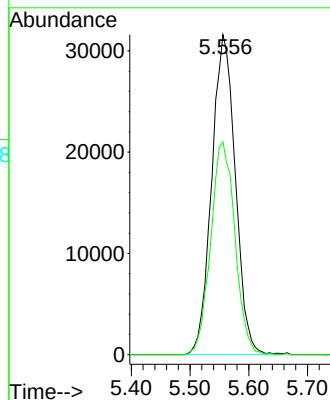
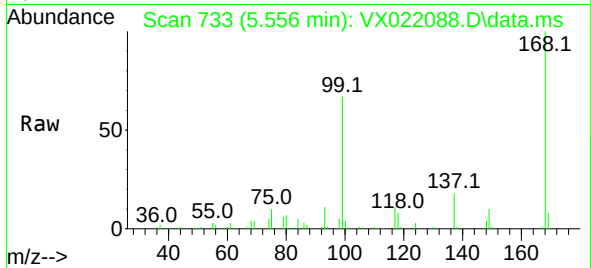




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

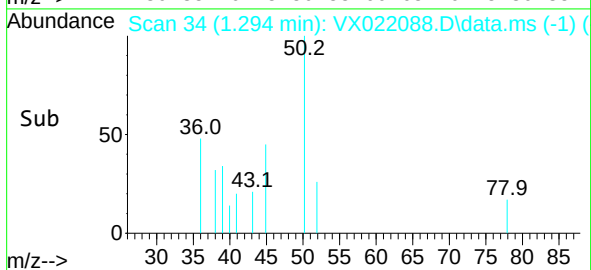
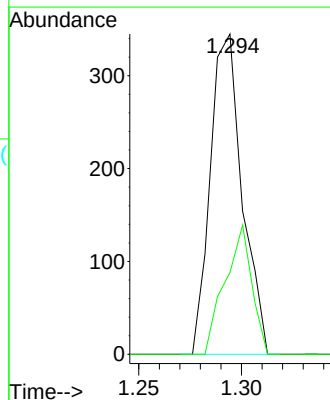
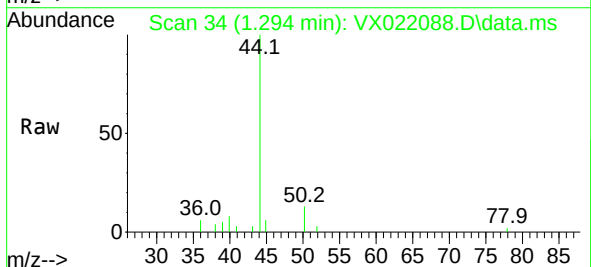
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

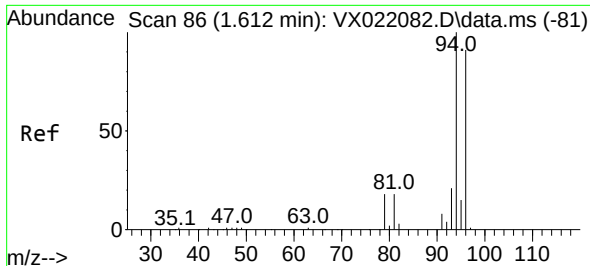
Tgt Ion:168 Resp: 88280
Ion Ratio Lower Upper
168 100
99 66.5 45.8 68.6



#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 25.5 26.4 39.6#

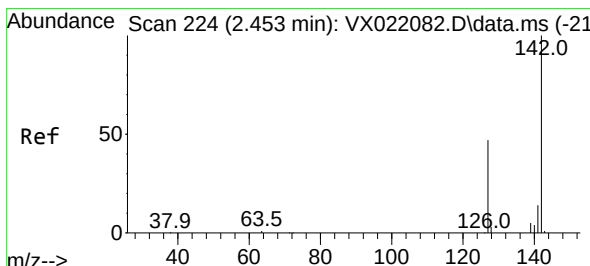
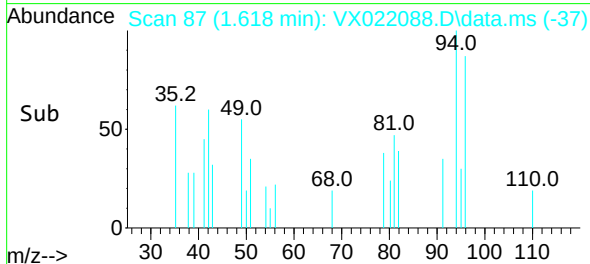
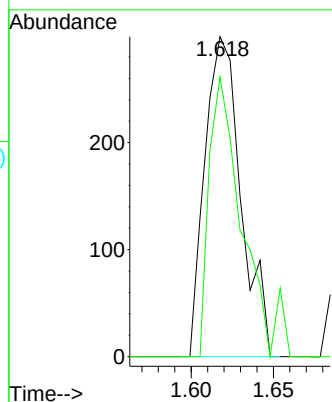
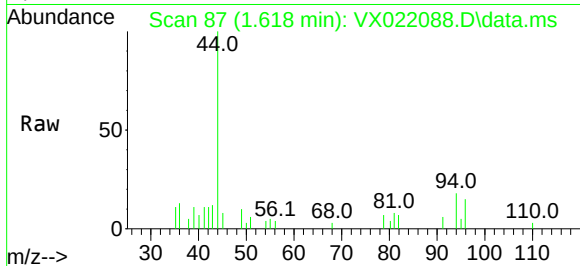




#5
Bromomethane
Concen: 0.64 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

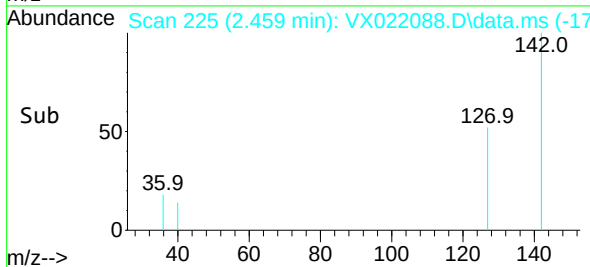
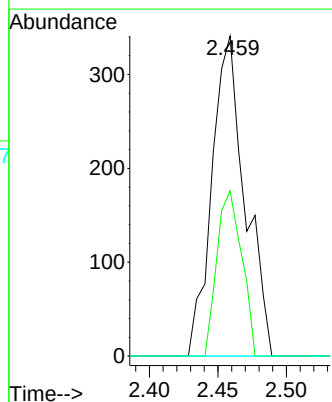
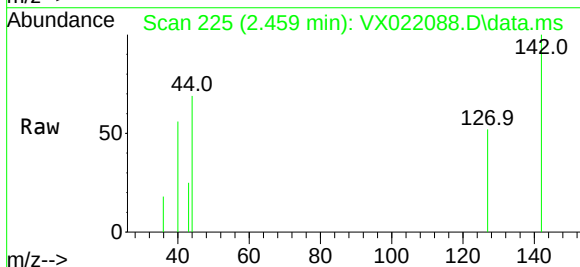
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

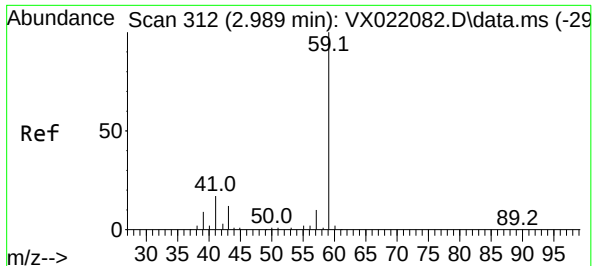
Tgt Ion: 94 Resp: 457
Ion Ratio Lower Upper
94 100
96 87.3 76.4 114.6



#10
Methyl Iodide
Concen: 0.51 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion: 142 Resp: 575
Ion Ratio Lower Upper
142 100
127 38.4 33.3 49.9
141 0.0 11.4 17.0#



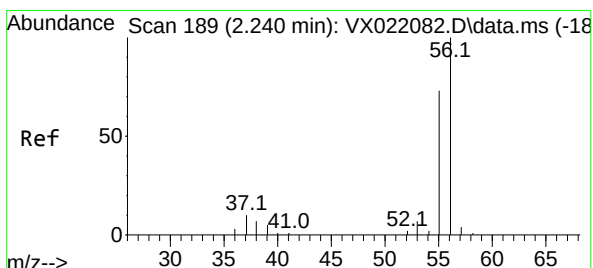
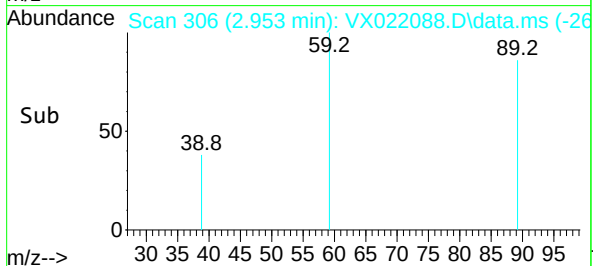
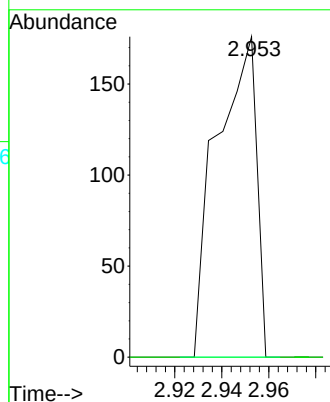
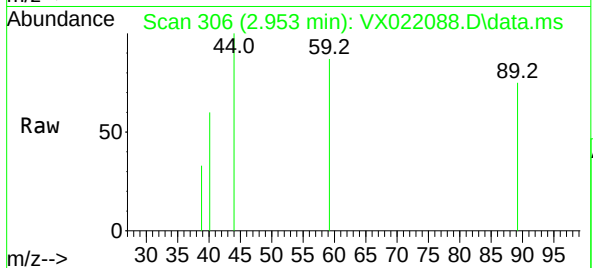


#11

Tert butyl alcohol
Concen: 0.66 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

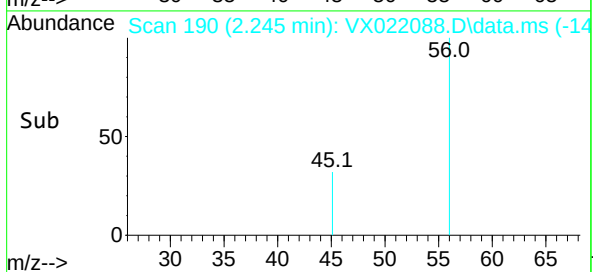
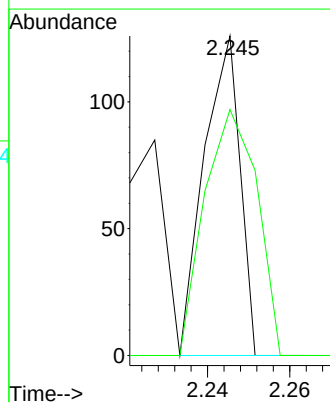
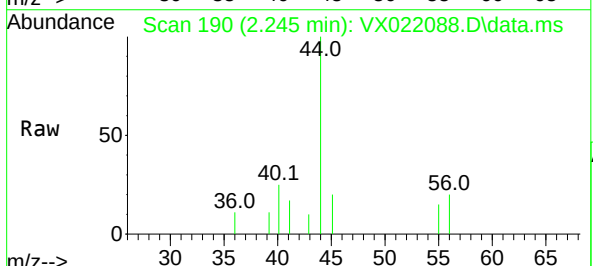
Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

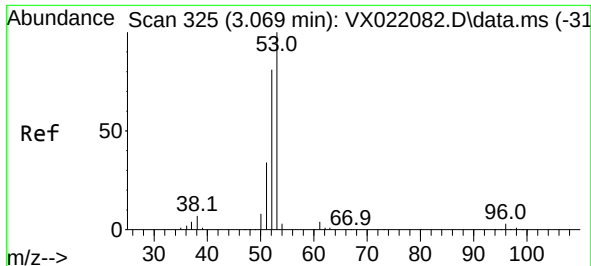


#13

Acrolein
Concen: 0.37 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 113.2 56.4 84.6#

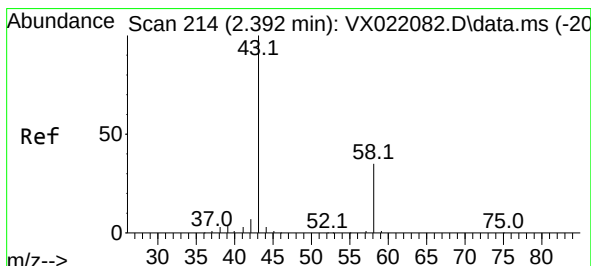
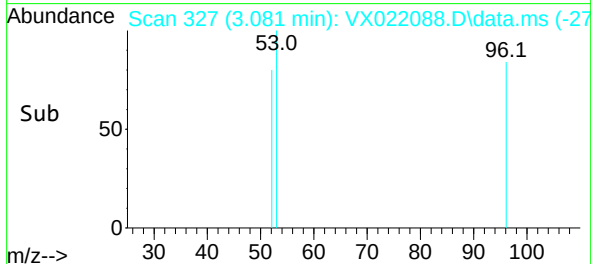
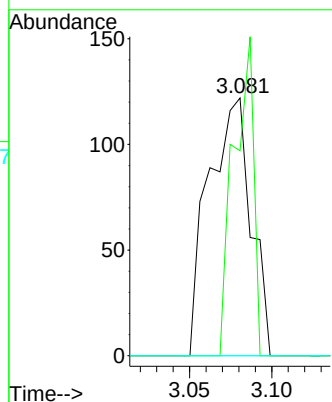
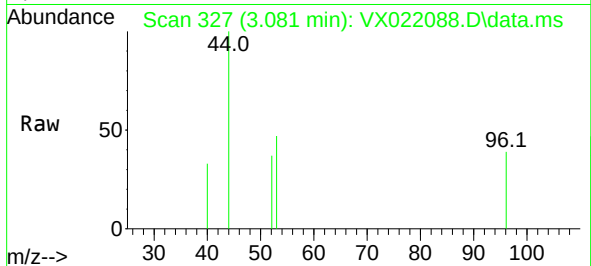




#15
Acrylonitrile
Concen: 0.36 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.012 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

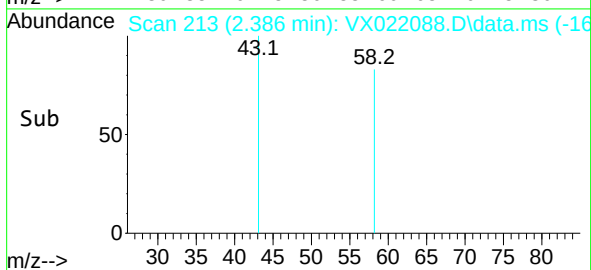
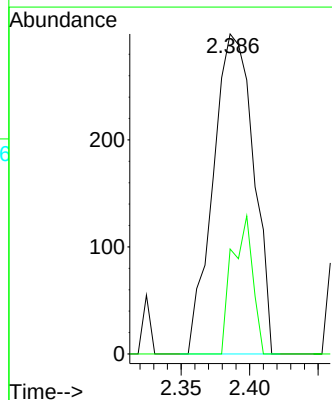
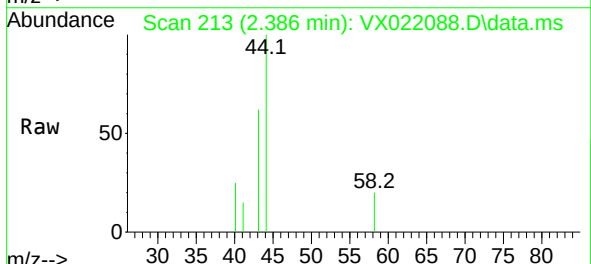
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

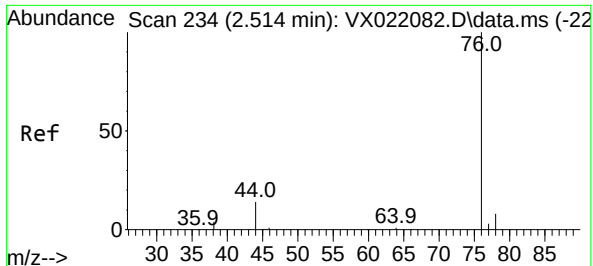
Tgt Ion: 53 Resp: 219
Ion Ratio Lower Upper
53 100
52 58.0 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.04 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8

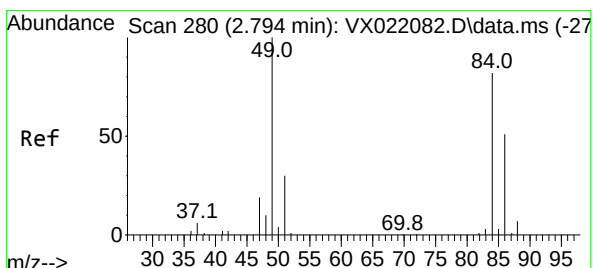
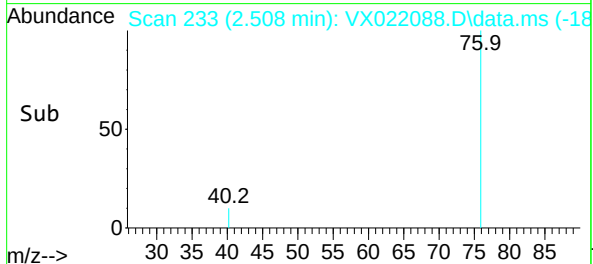
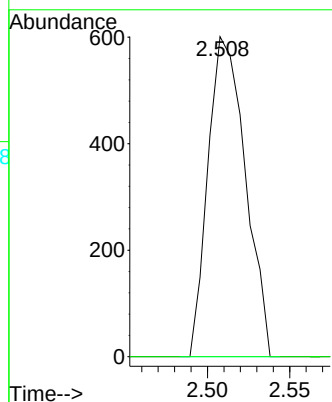
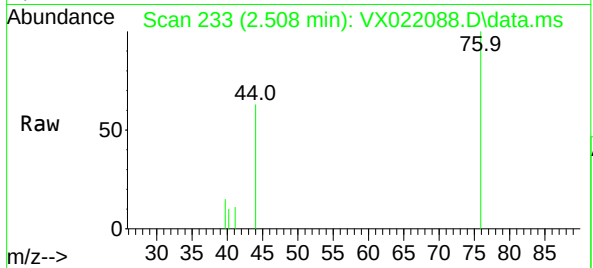




#17
Carbon Disulfide
Concen: 0.36 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

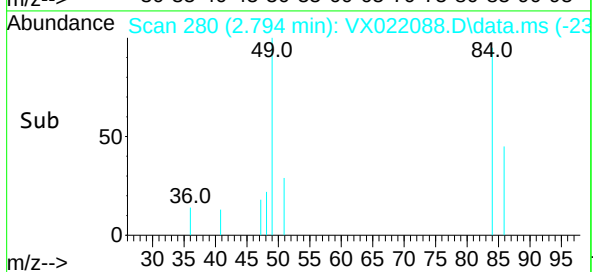
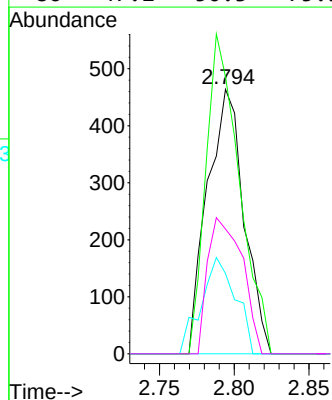
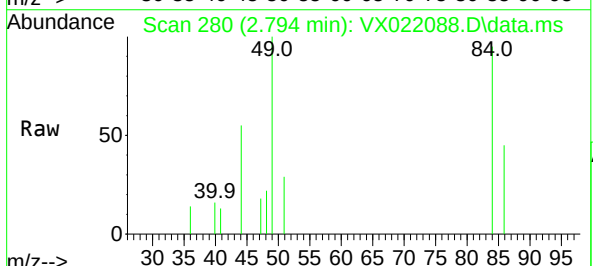
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

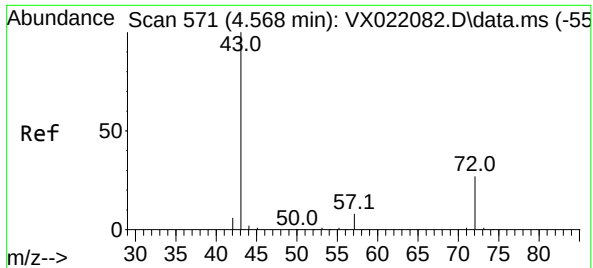
Tgt Ion: 76 Resp: 950
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion: 84 Resp: 788
Ion Ratio Lower Upper
84 100
49 104.7 88.6 132.8
51 30.4 27.0 40.6
86 47.2 50.3 75.5#

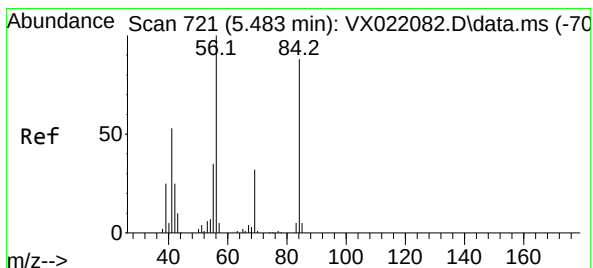
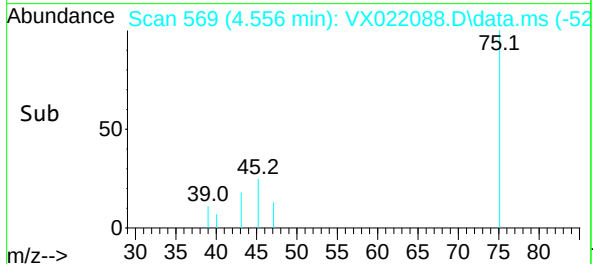
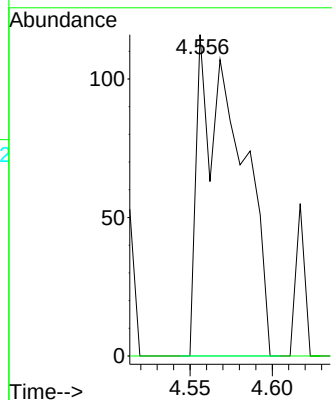
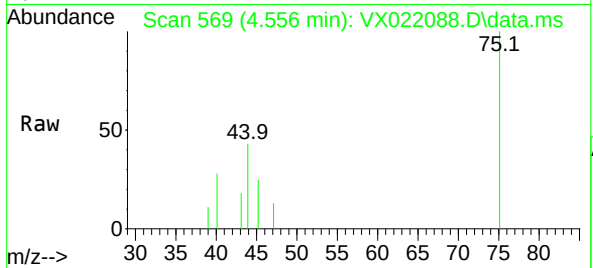




#25
2-Butanone
Concen: 0.22 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

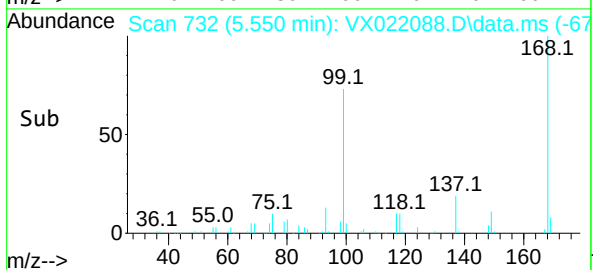
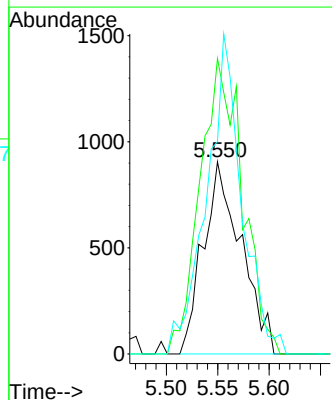
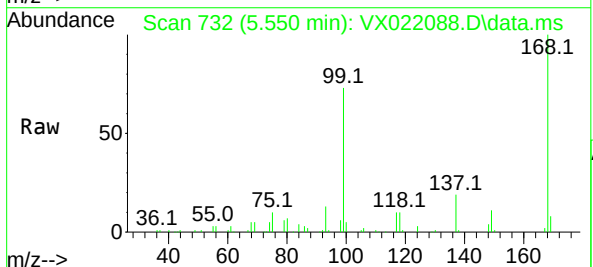
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VX0519WBL01

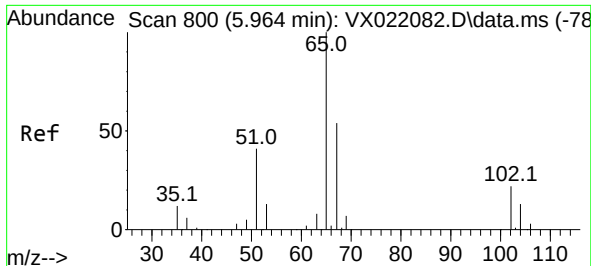
Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion: 56 Resp: 2324
Ion Ratio Lower Upper
56 100
69 153.8 25.3 37.9#
84 100.3 71.4 107.0

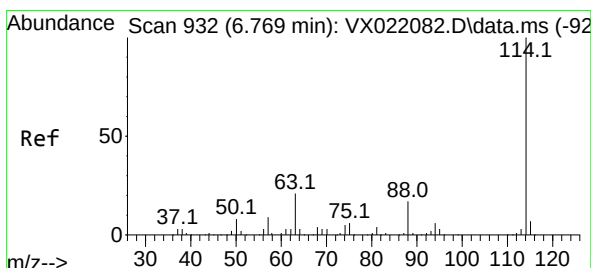
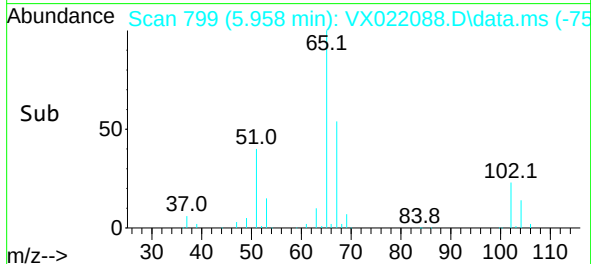
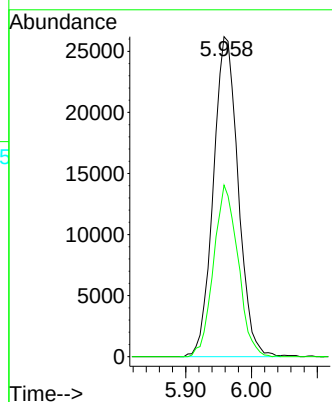
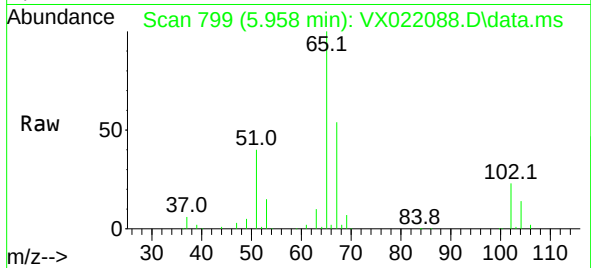




#33
1,2-Dichloroethane-d4
Concen: 50.57 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

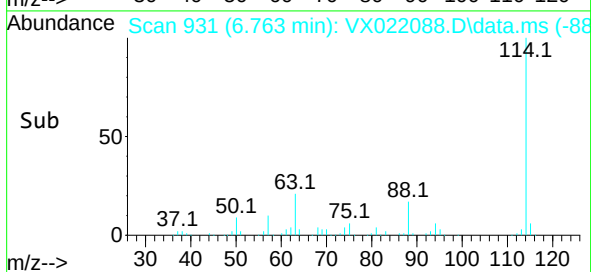
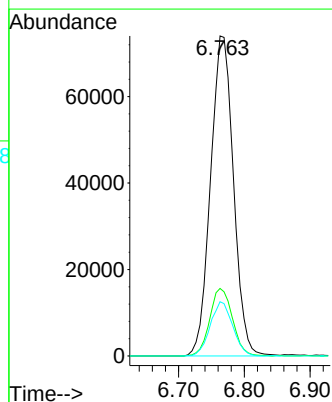
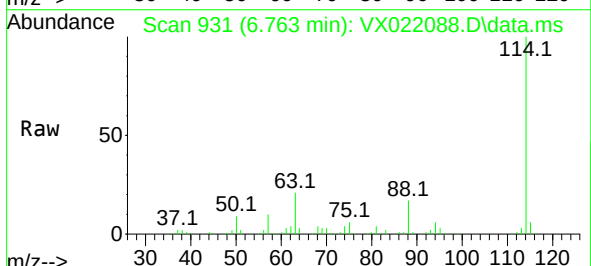
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

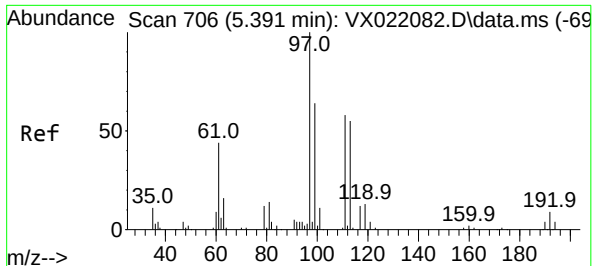
Tgt Ion: 65 Resp: 68861
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion: 114 Resp: 179670
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.51 ug/l

RT: 5.391 min Scan# 706

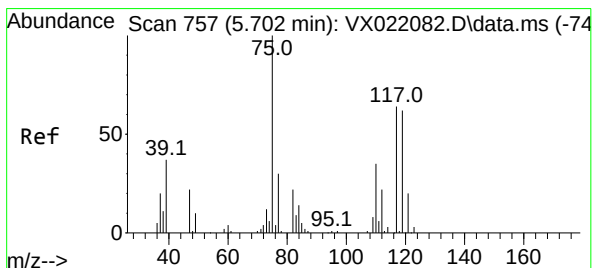
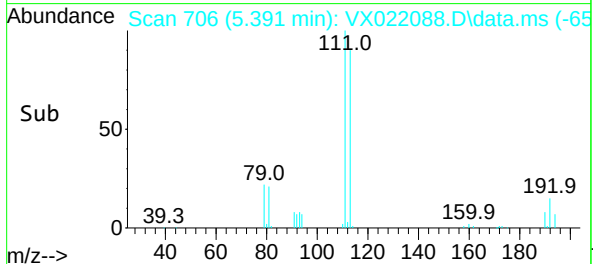
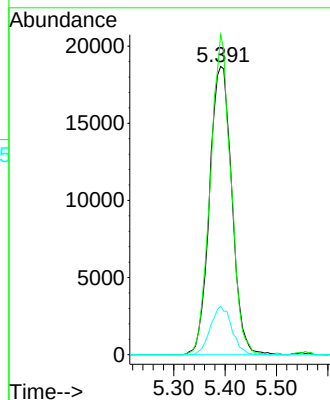
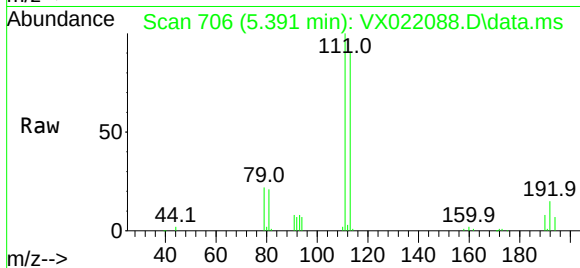
Delta R.T. 0.000 min

Lab File: VX022088.D

Acq: 19 May 2021 15:16

Tgt Ion:	113	Resp:	56410
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	16.0	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01



#36

1,1-Dichloropropene

Concen: 5.03 ug/l

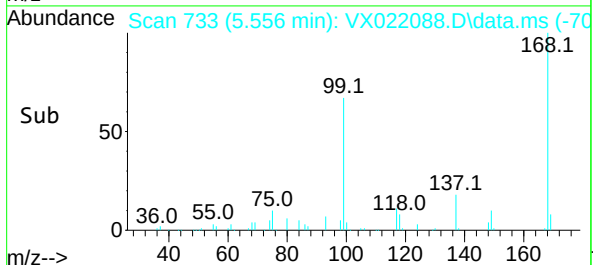
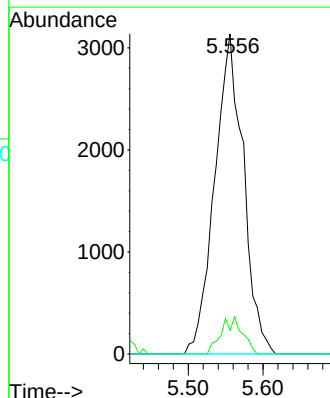
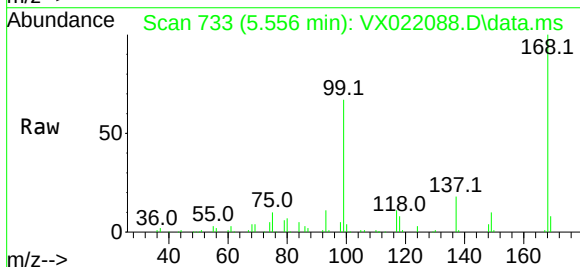
RT: 5.556 min Scan# 733

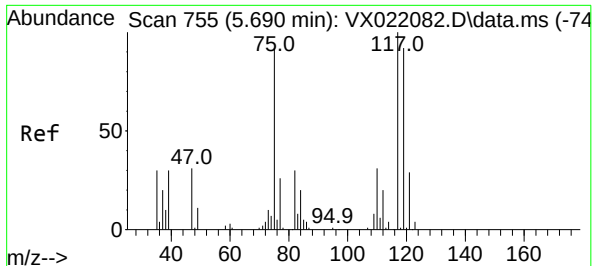
Delta R.T. -0.146 min

Lab File: VX022088.D

Acq: 19 May 2021 15:16

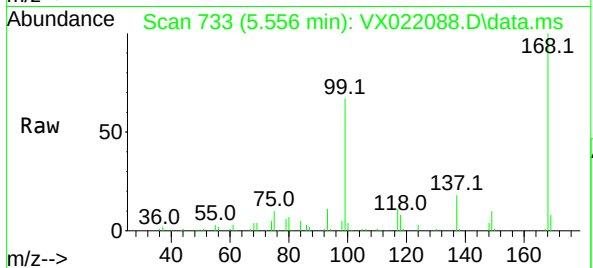
Tgt Ion:	75	Resp:	8360
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#



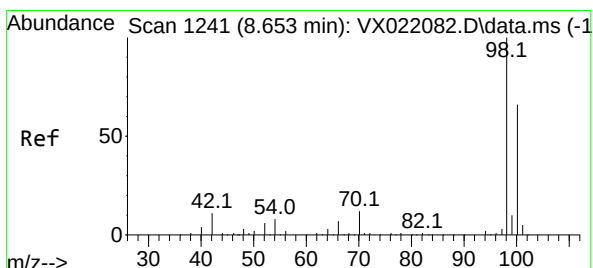
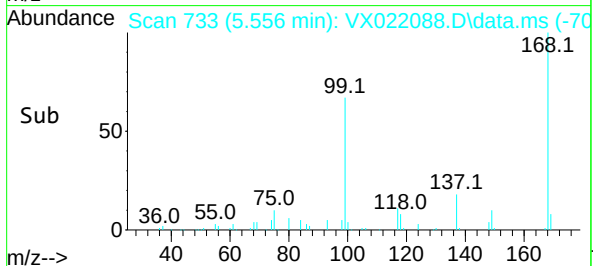
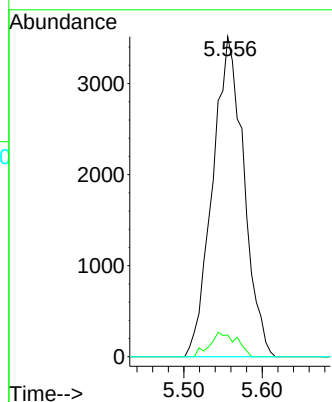


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

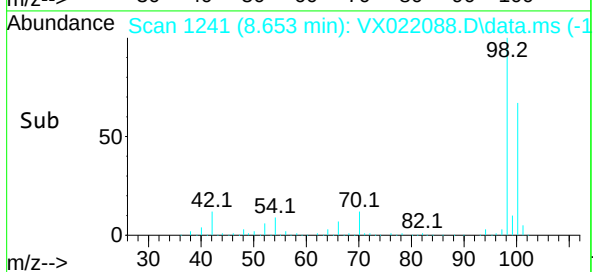
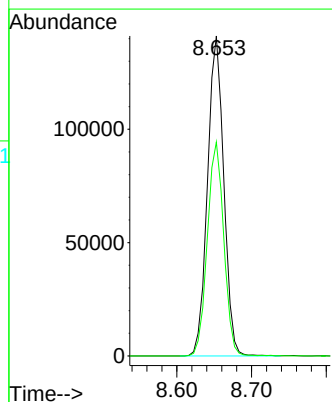
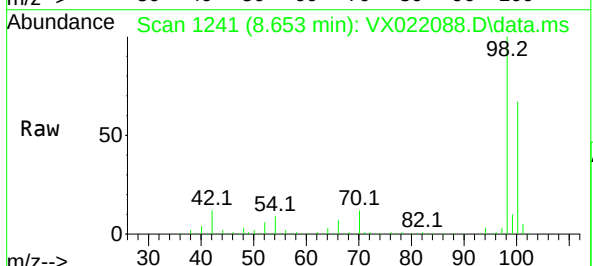


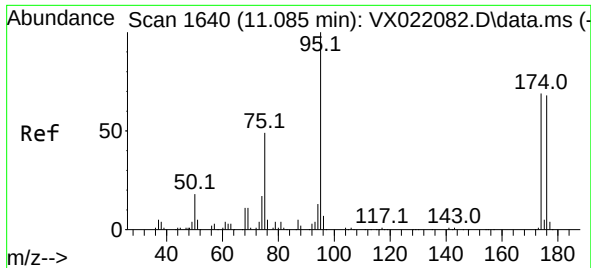
Tgt Ion:117 Resp: 9740
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.63 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion: 98 Resp: 213436
Ion Ratio Lower Upper
98 100
100 67.4 51.9 77.9

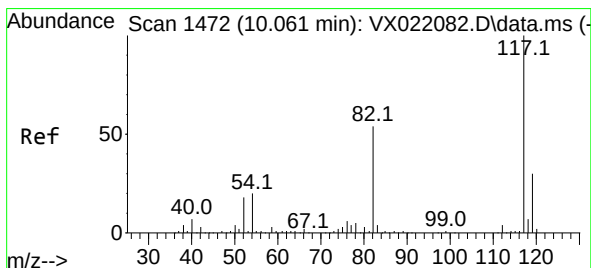
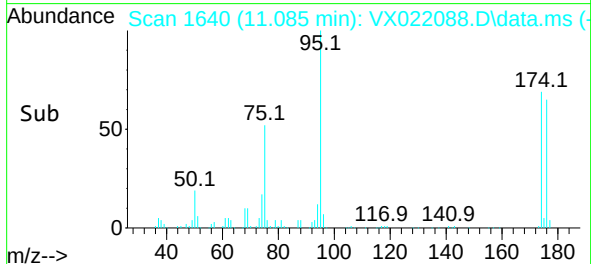
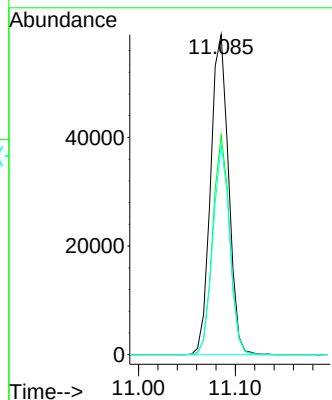
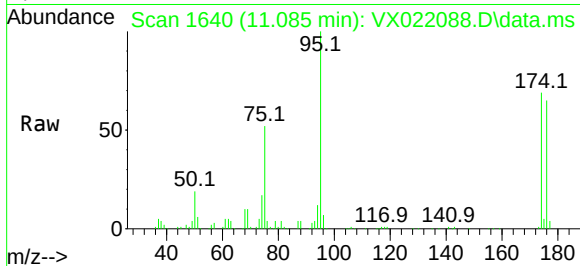




#62
4-Bromofluorobenzene
Concen: 46.85 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

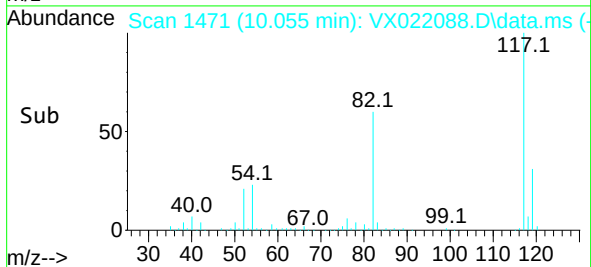
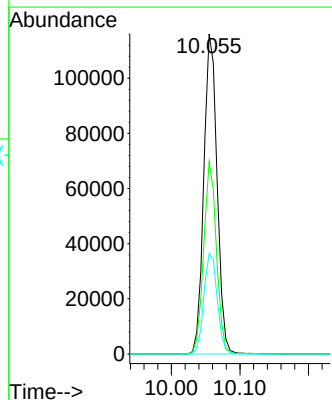
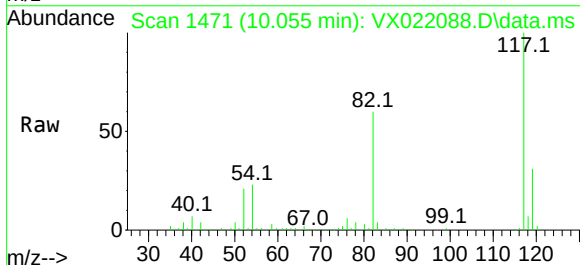
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

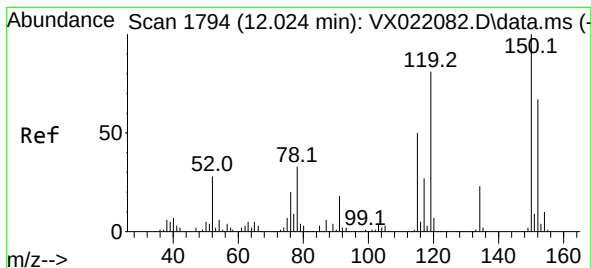
Tgt Ion:	95	Resp:	75999
Ion	Ratio	Lower	Upper
95	100		
174	64.5	0.0	154.6
176	61.9	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022088.D
Acq: 19 May 2021 15:16

Tgt Ion:	117	Resp:	156926
Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.4	71.2
119	31.5	26.6	39.8

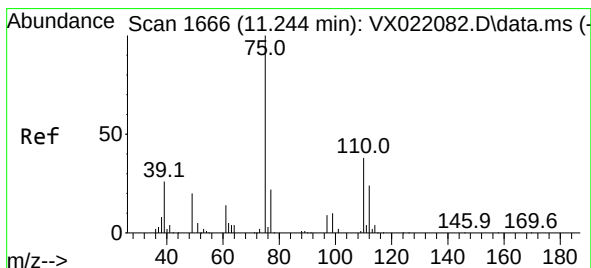
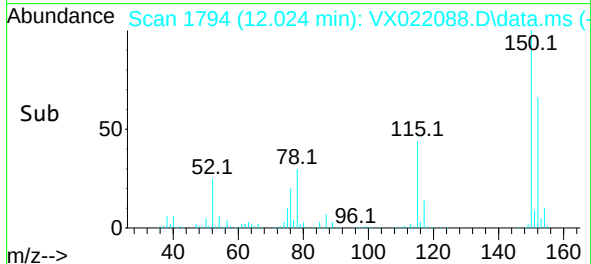
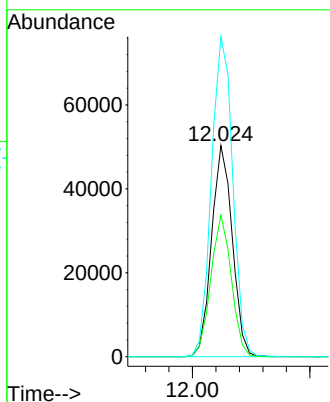
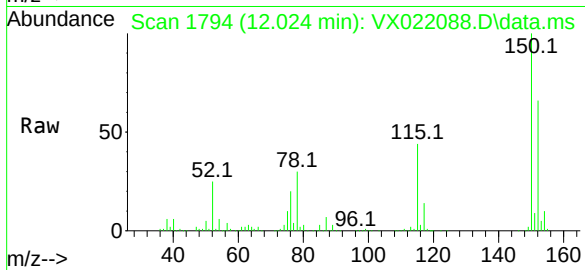




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022088.D
 Acq: 19 May 2021 15:16

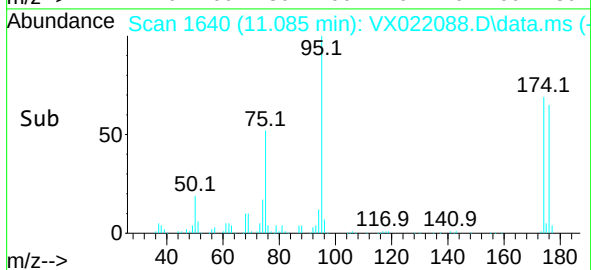
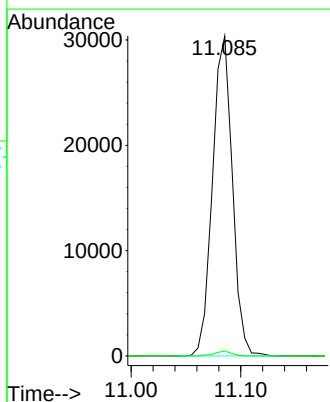
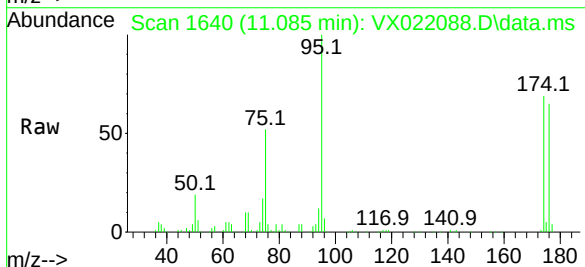
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBL01

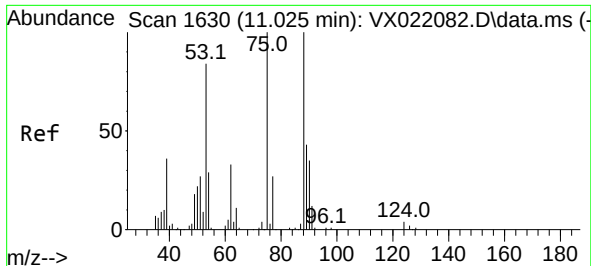
Tgt Ion:152 Resp: 61757
 Ion Ratio Lower Upper
 152 100
 115 66.2 41.1 123.3
 150 155.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.11 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022088.D
 Acq: 19 May 2021 15:16

Tgt Ion: 75 Resp: 38260
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

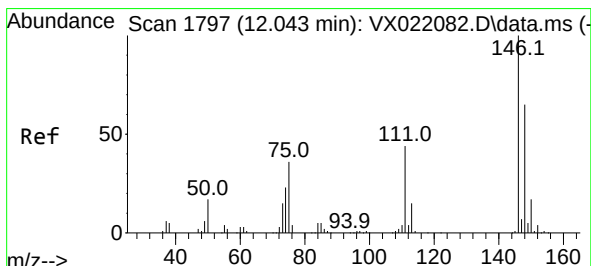
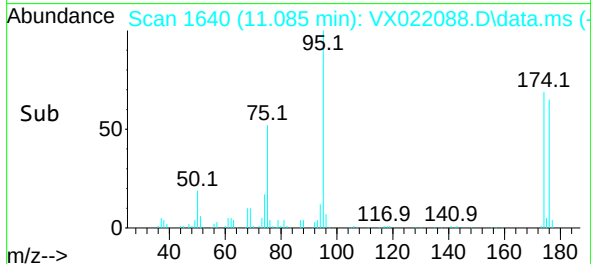
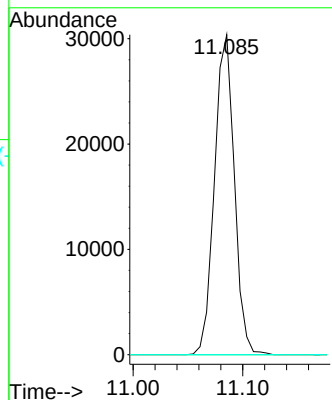
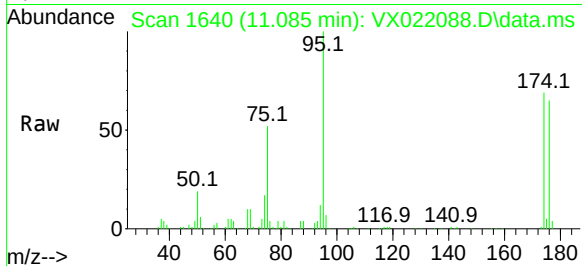




#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.50 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022088.D
 Acq: 19 May 2021 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBL01

Tgt Ion: 75 Resp: 38260
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#



#88
 1,4-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. -0.001 min
 Lab File: VX022088.D
 Acq: 19 May 2021 15:16

Tgt Ion: 146 Resp: 523
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.6 58.8#
 148 63.9 31.6 95.0

