

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022076.D
 Acq On : 19 May 2021 01:35
 Operator : JC/MD
 Sample : M2406-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: May 19 05:33:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:14:43 2021
 Response via : Initial Calibration

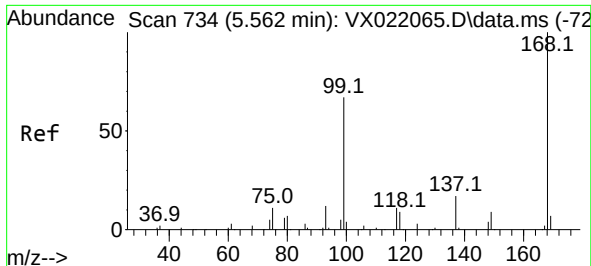
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	69350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	160528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59534	20.97	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.94%#		
35) Dibromofluoromethane	5.397	113	50516	19.33	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.66%#		
50) Toluene-d8	8.653	98	204495	20.39	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.78%#		
62) 4-Bromofluorobenzene	11.085	95	86966	23.27	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	46.54%#		
Target Compounds						Qvalue
5) Bromomethane	1.617	94	304	0.55	ug/l #	46
6) Chloroethane	1.648	64	21	1.29	ug/l #	43
10) Methyl Iodide	2.459	142	383	0.42	ug/l #	80
16) Acetone	2.392	43	1019	2.09	ug/l #	68
20) Methylene Chloride	2.800	84	428	0.40	ug/l #	61
31) Cyclohexane	5.562	56	2089	1.50	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6810	4.58	ug/l #	47
38) Carbon Tetrachloride	5.562	117	8255	5.56	ug/l #	19
51) 4-Methyl-2-Pentanone	8.653	43	943	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	44105	23.42	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.085	75	44105	58.75	ug/l #	13
95) Naphthalene	13.780	128	173	1.58	ug/l #	67

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

Quant Time: May 19 05:33:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 05:14:43 2021
Response via : Initial Calibration

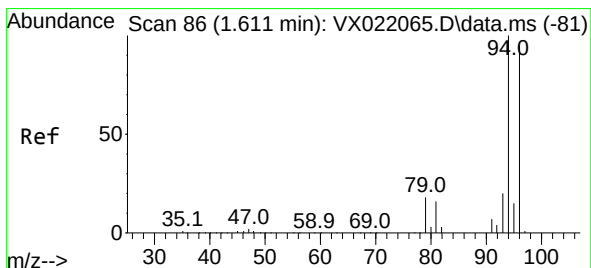
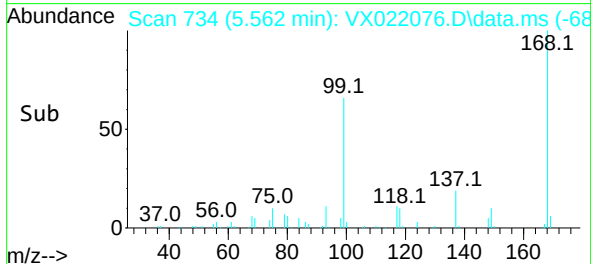
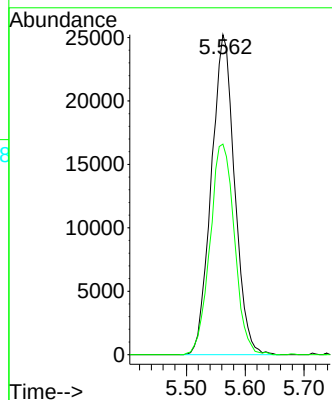
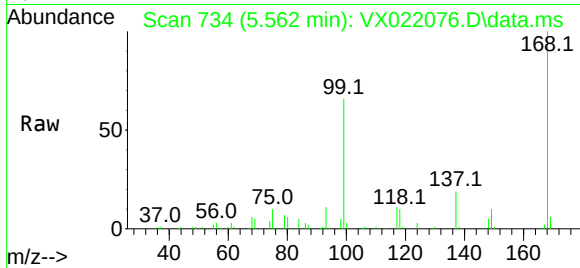




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

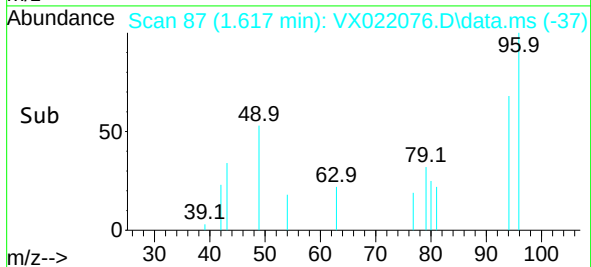
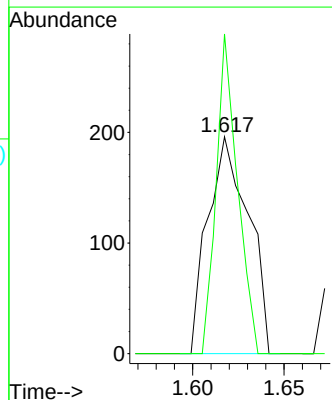
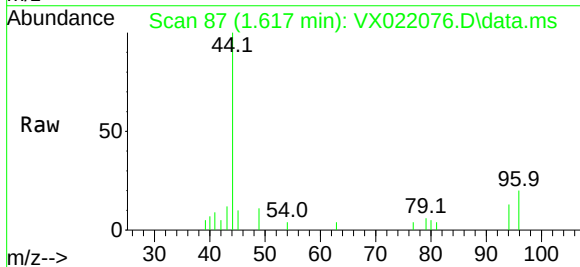
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

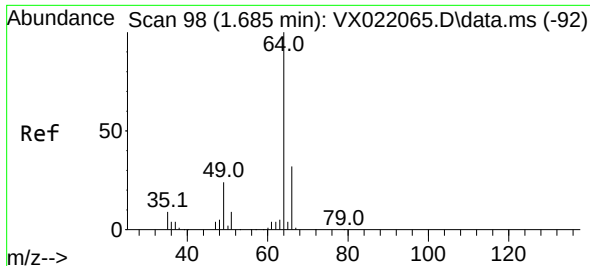
Tgt Ion:168 Resp: 69350
Ion Ratio Lower Upper
168 100
99 65.8 53.7 80.5



#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 147.4 76.2 114.4#

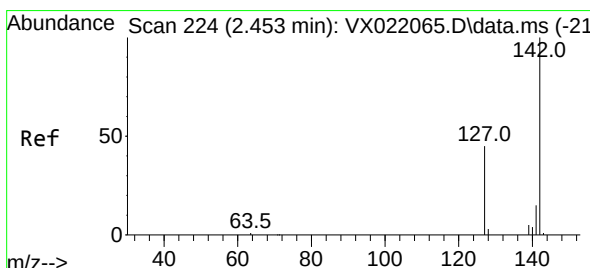
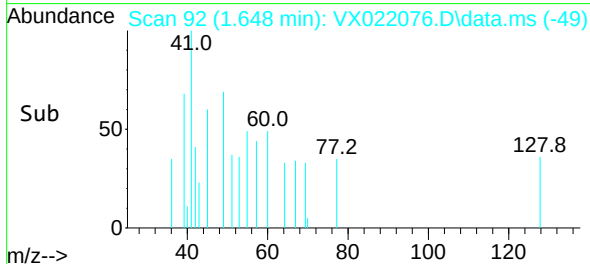
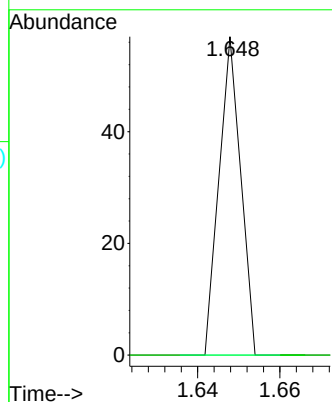
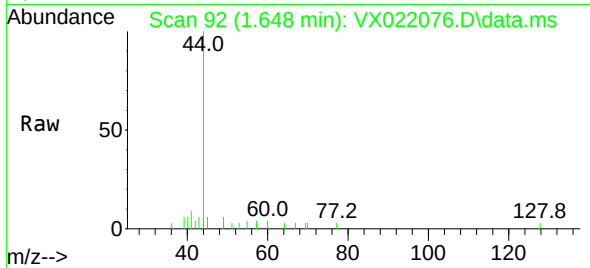




#6
Chloroethane
Concen: 1.29 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.037 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

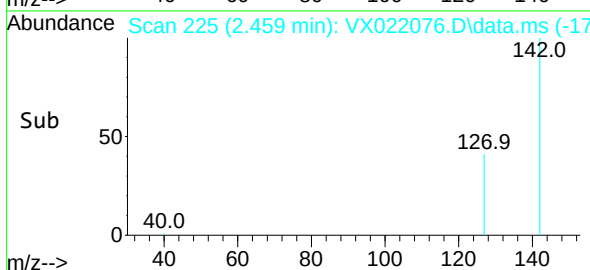
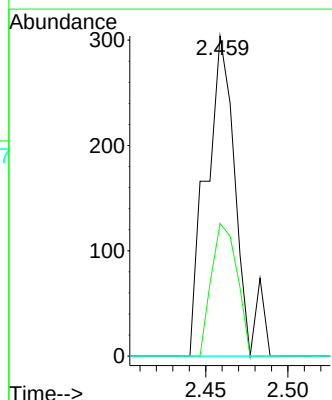
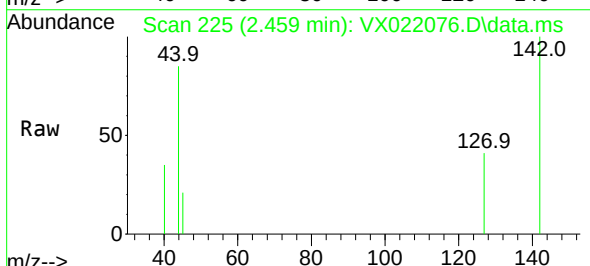
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

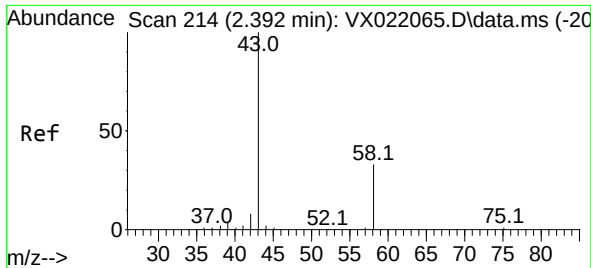
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



#10
Methyl Iodide
Concen: 0.42 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Tgt Ion: 142 Resp: 383
Ion Ratio Lower Upper
142 100
127 35.8 36.7 55.1#
141 0.0 11.4 17.0#

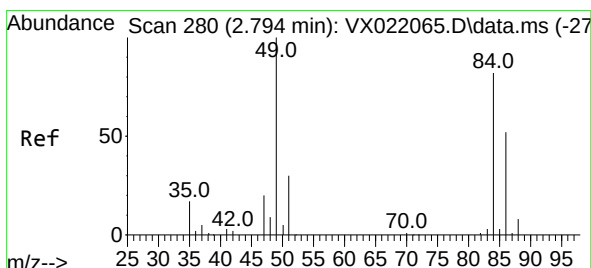
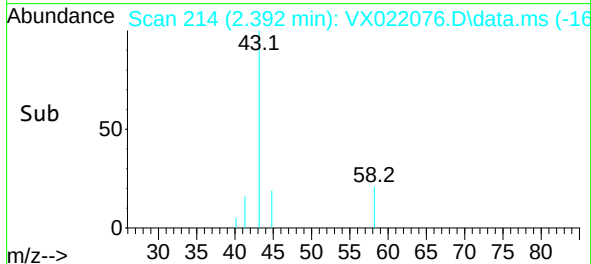
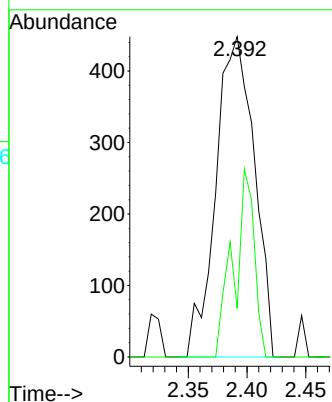
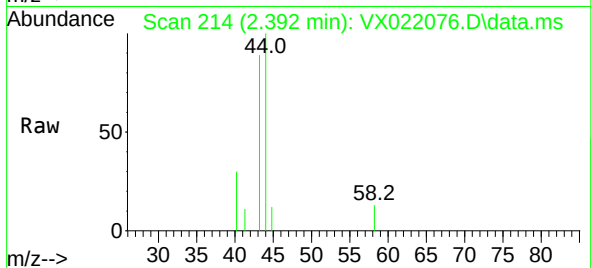




#16
Acetone
Concen: 2.09 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

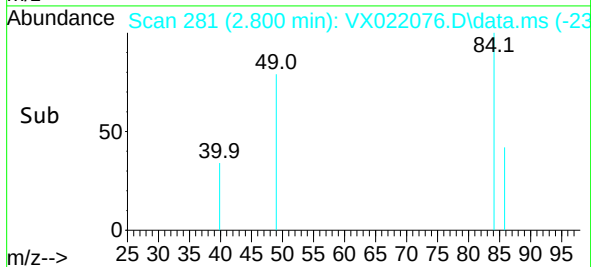
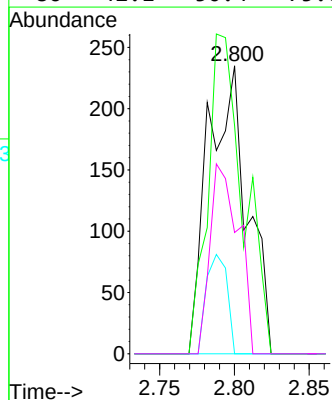
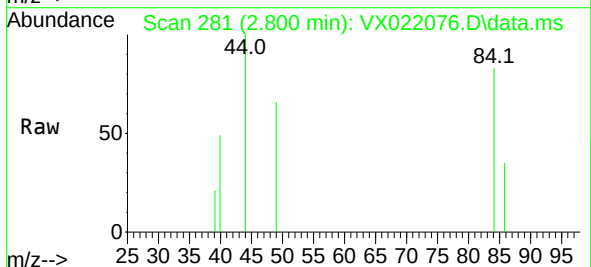
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

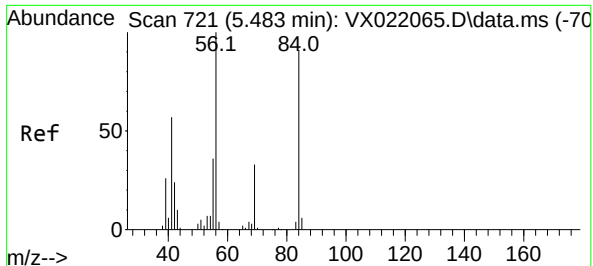
Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 15.2 26.4 39.6#



#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

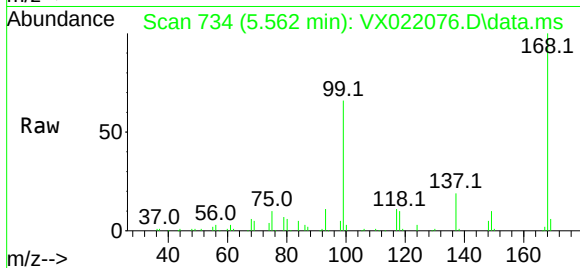
Tgt Ion: 84 Resp: 428
Ion Ratio Lower Upper
84 100
49 79.1 97.4 146.0#
51 0.0 29.0 43.4#
86 42.1 50.4 75.6#



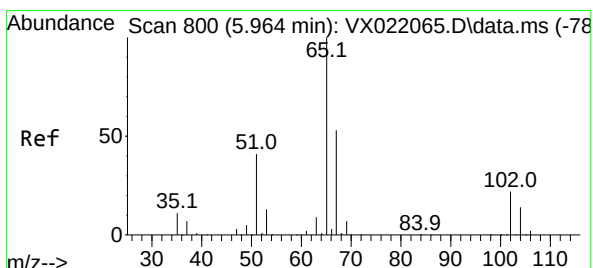
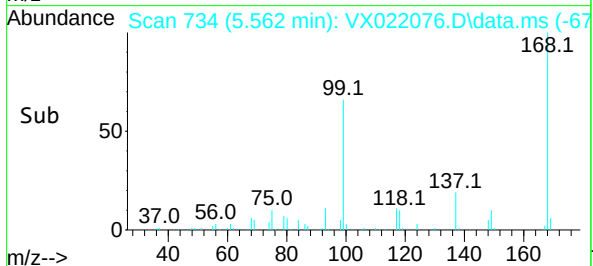
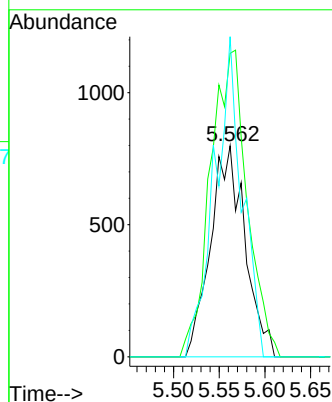


#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

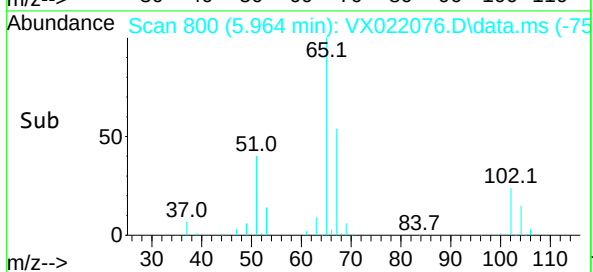
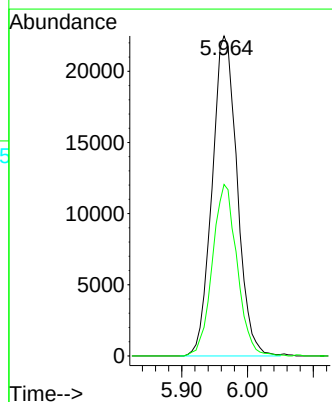
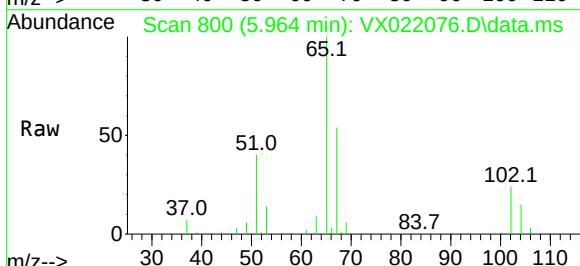


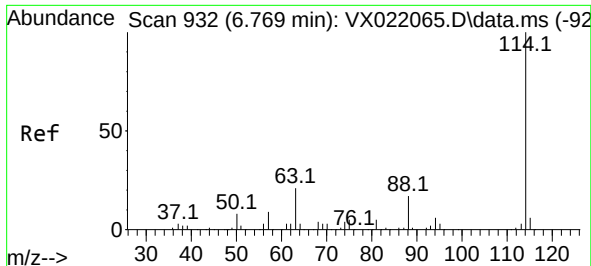
Tgt Ion: 56 Resp: 2089
Ion Ratio Lower Upper
56 100
69 143.8 26.2 39.4#
84 151.7 73.0 109.4#



#33
1,2-Dichloroethane-d4
Concen: 20.97 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Tgt Ion: 65 Resp: 59534
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4

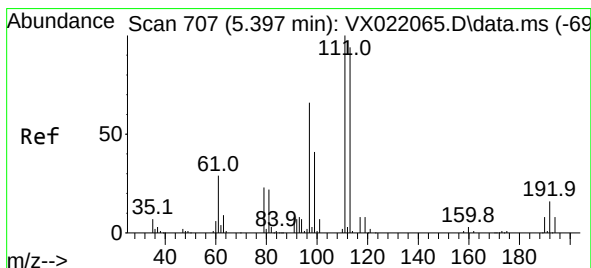
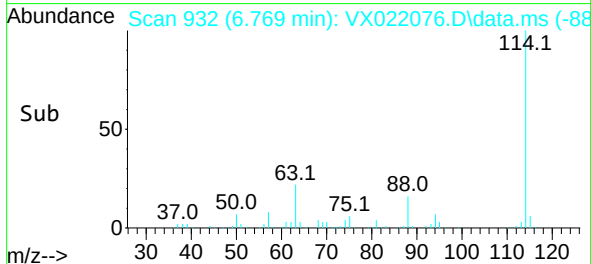
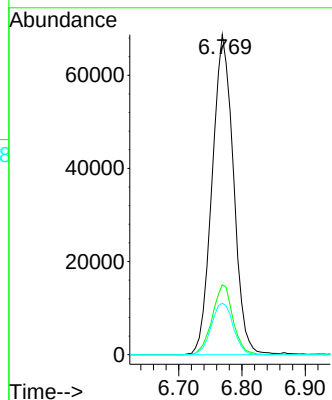
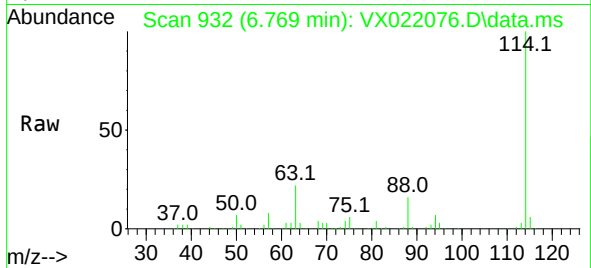




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

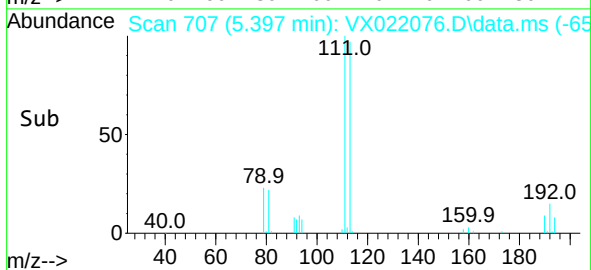
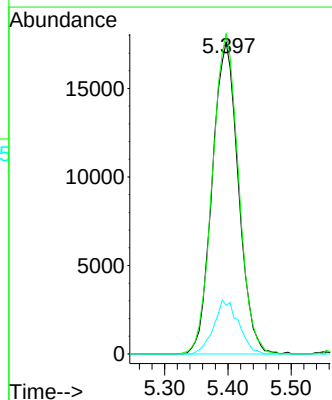
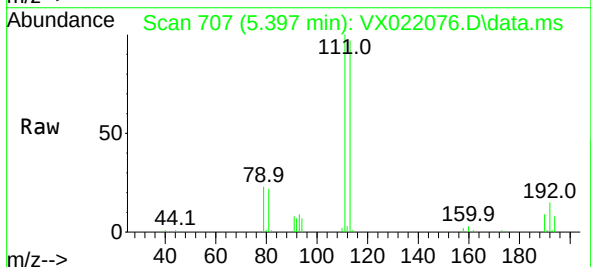
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ClientSampleId :
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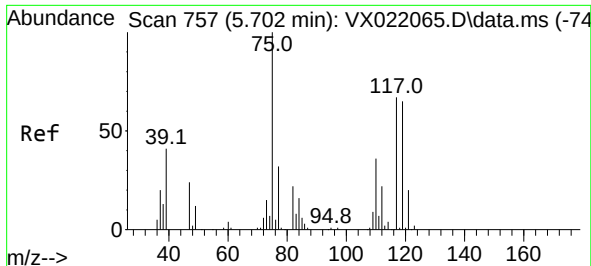
Tgt Ion:114 Resp: 160528
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.4
88 16.1 0.0 34.0



#35
Dibromofluoromethane
Concen: 19.33 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Tgt Ion:113 Resp: 50516
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 16.4 13.1 19.7

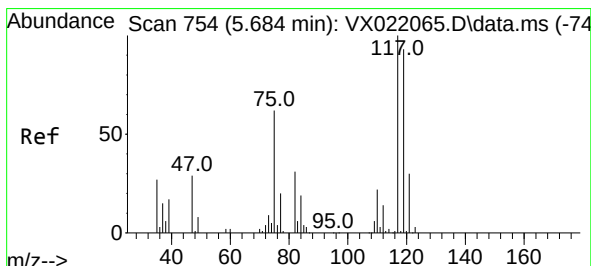
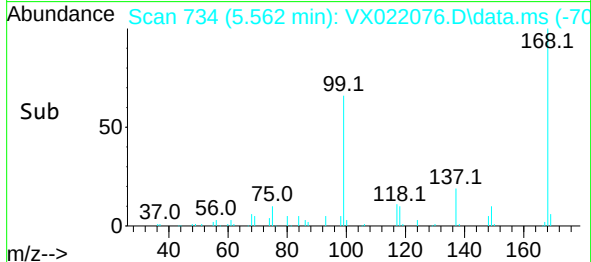
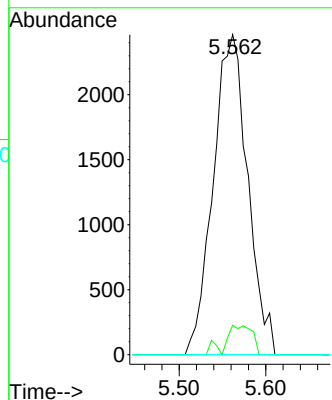
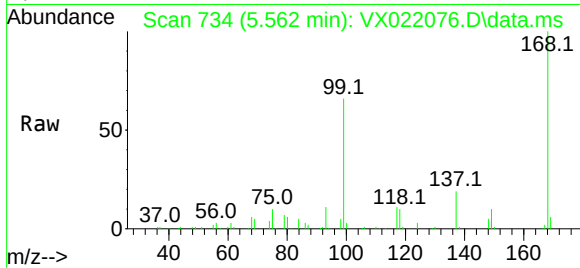




#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

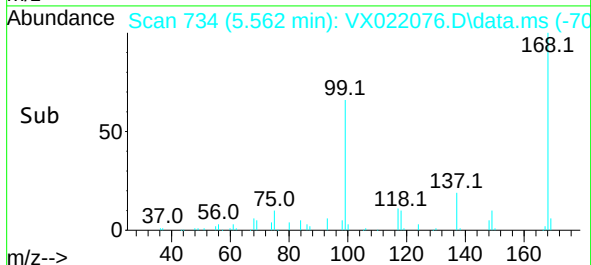
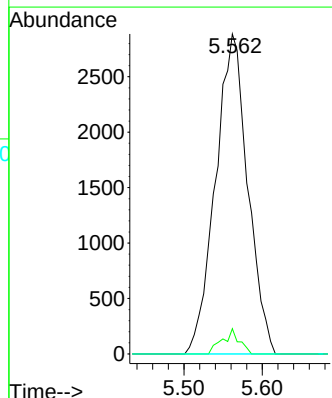
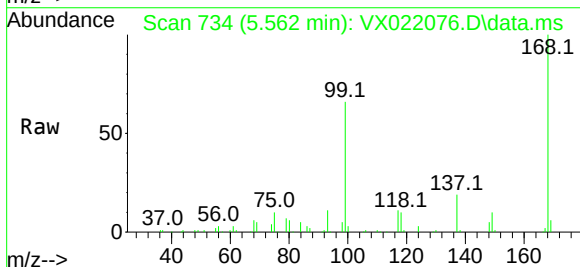
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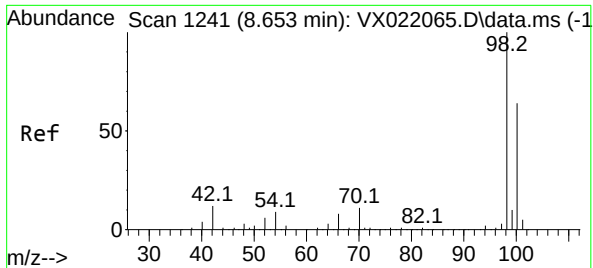
Tgt Ion: 75 Resp: 6810
Ion Ratio Lower Upper
75 100
110 6.2 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Tgt Ion: 117 Resp: 8255
Ion Ratio Lower Upper
117 100
119 7.9 74.6 111.8#
121 0.0 23.6 35.4#

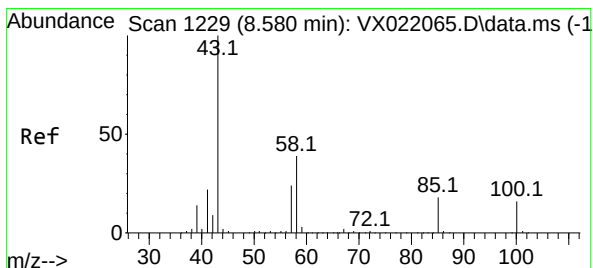
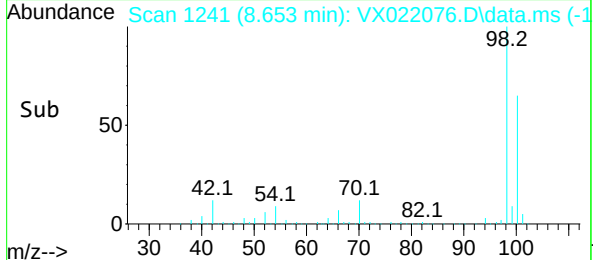
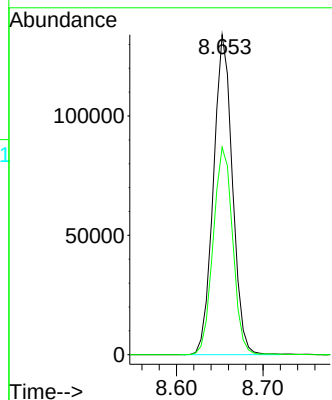
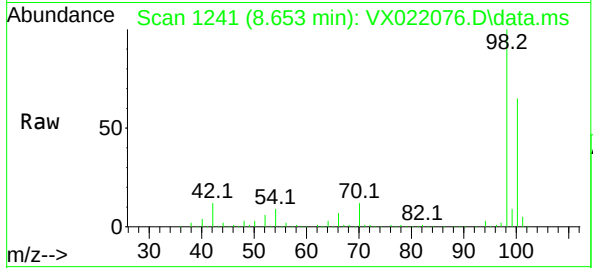




#50
Toluene-d8
Concen: 20.39 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

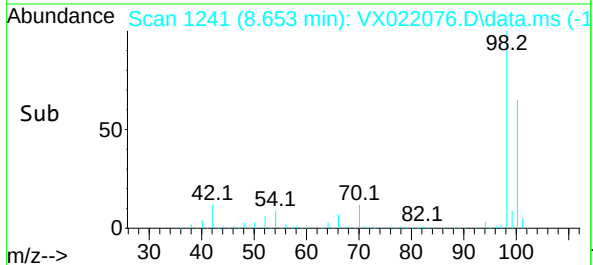
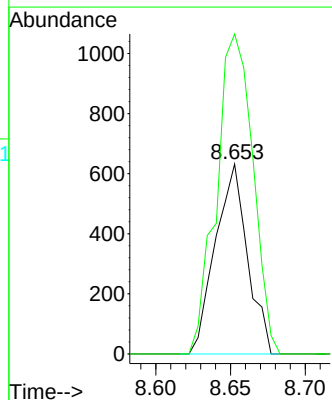
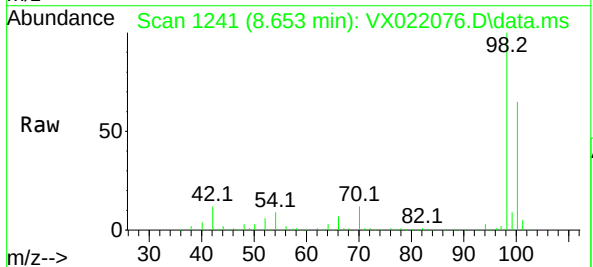
Instrument :
MSVOA_X
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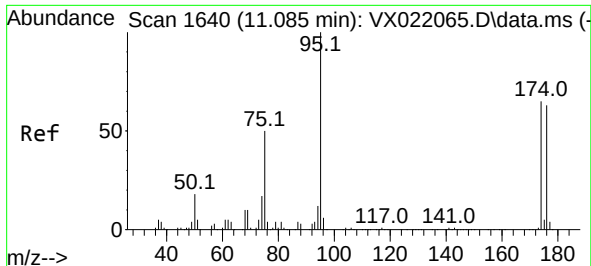
Tgt Ion: 98 Resp: 204495
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 191.5 31.4 47.2#

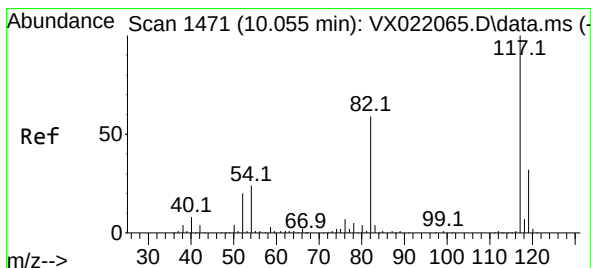
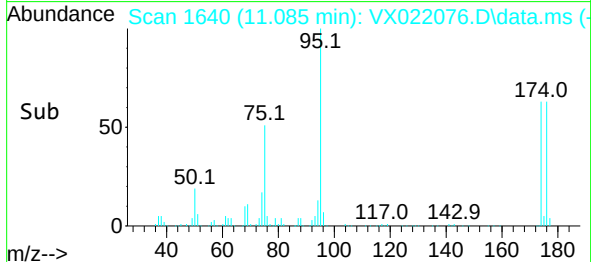
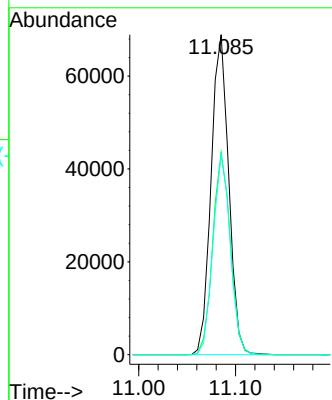
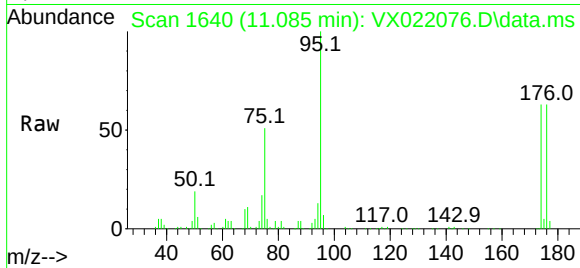




#62
4-Bromofluorobenzene
Concen: 23.27 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

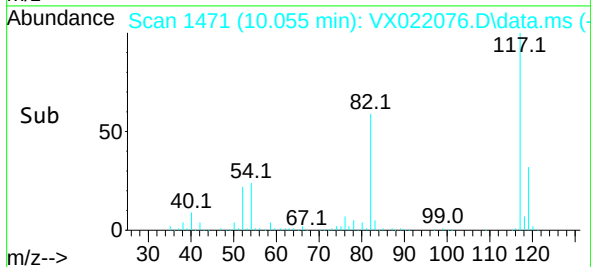
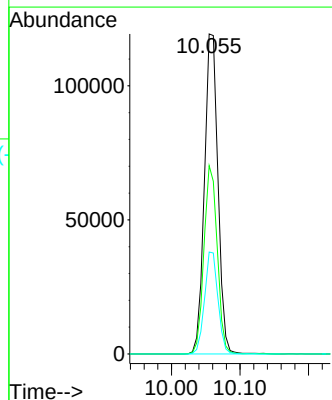
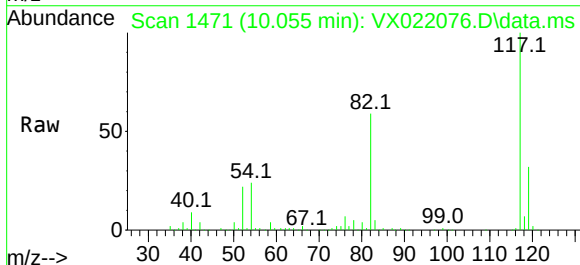
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

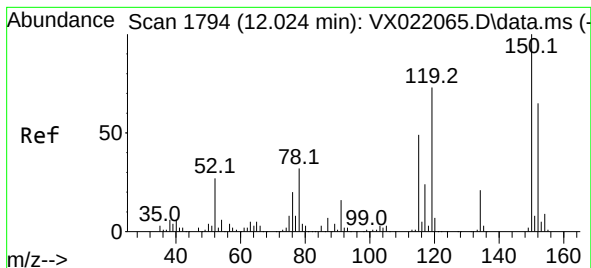
Tgt Ion: 95 Resp: 86966
Ion Ratio Lower Upper
95 100
174 63.0 0.0 128.8
176 61.5 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Tgt Ion: 117 Resp: 164601
Ion Ratio Lower Upper
117 100
82 58.8 47.6 71.4
119 31.9 25.4 38.2

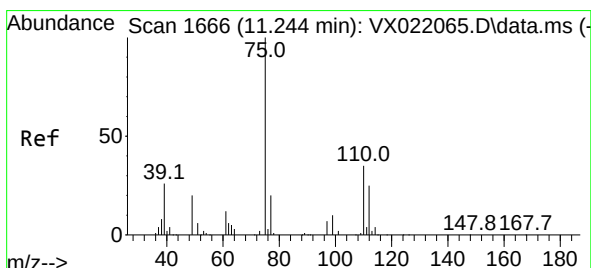
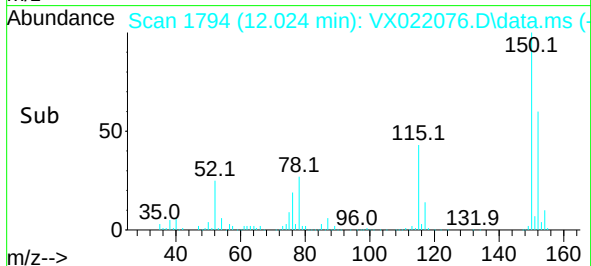
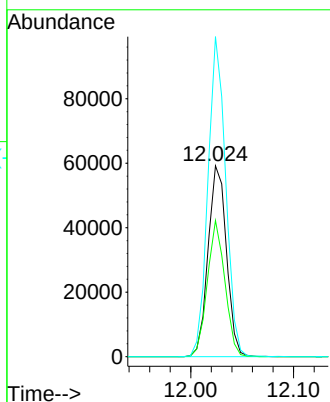
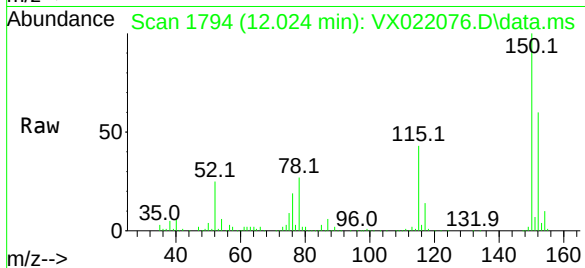




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022076.D
 Acq: 19 May 2021 01:35

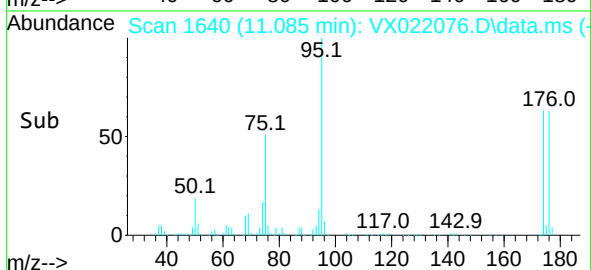
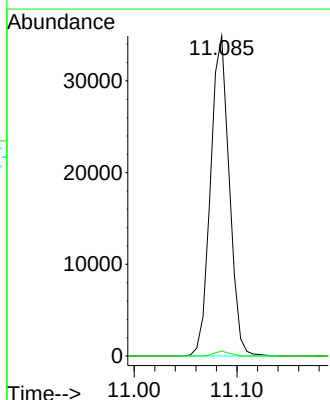
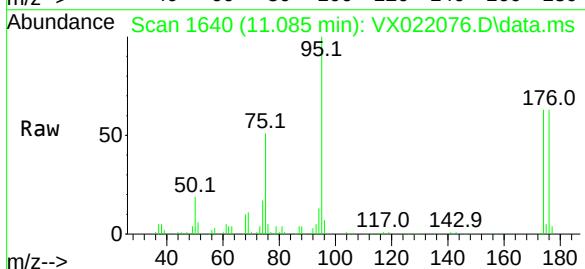
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

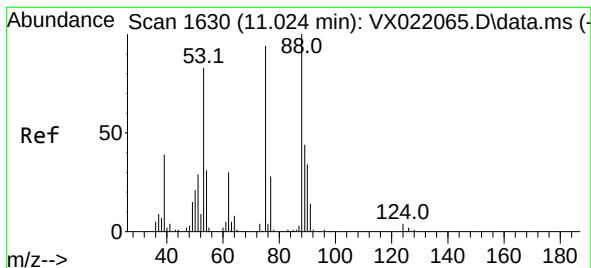
Tgt Ion:152 Resp: 73641
 Ion Ratio Lower Upper
 152 100
 115 68.0 46.4 139.2
 150 161.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 23.42 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022076.D
 Acq: 19 May 2021 01:35

Tgt Ion: 75 Resp: 44105
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.8 62.5#

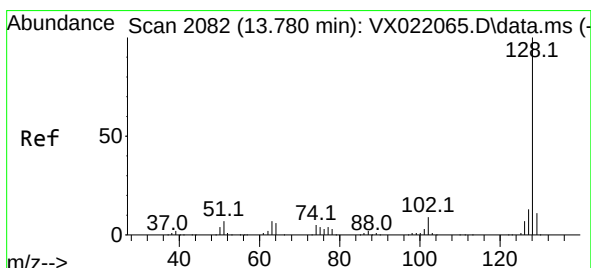
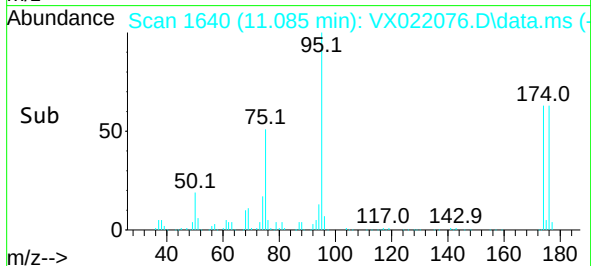
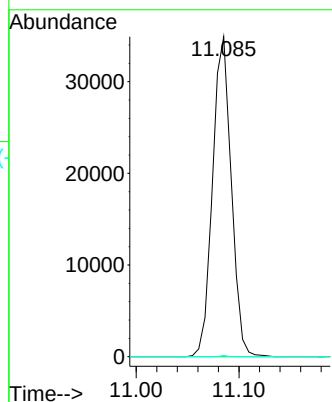
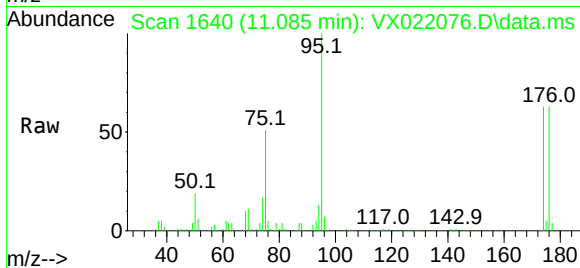




#81
trans-1,4-Dichloro-2-butene
Concen: 58.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 44105
Ion Ratio Lower Upper
75 100
53 0.0 73.0 109.4#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 1.58 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022076.D
Acq: 19 May 2021 01:35

Tgt Ion: 128 Resp: 173
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 23.7 8.8 13.2#

