

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023382.D
 Acq On : 22 Jul 2021 18:36
 Operator : JC/MD
 Sample : M3114-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20210594-AMENDED-COM-8-SPLP

Quant Time: Jul 23 06:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

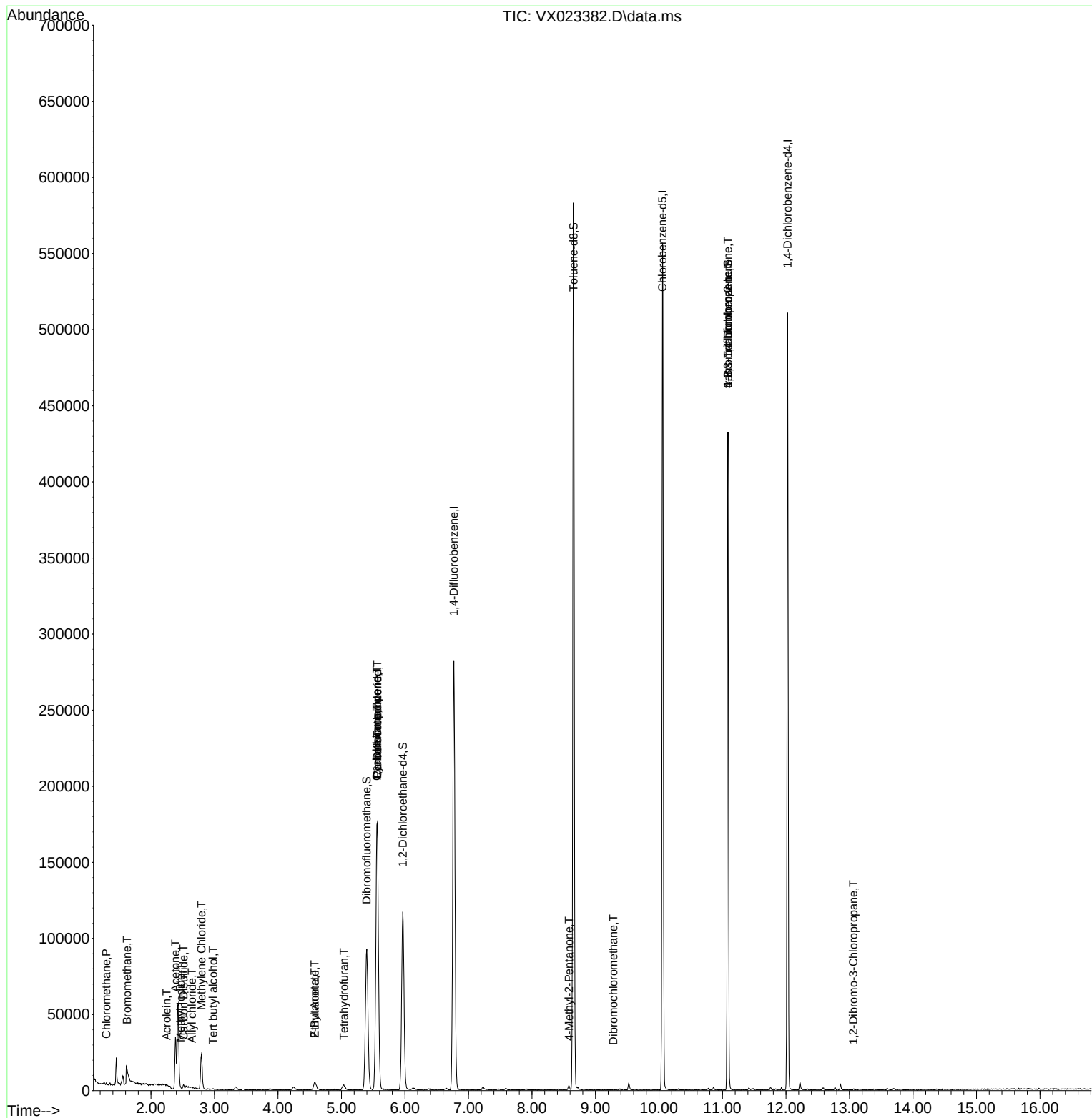
Internal Standards						
1) Pentafluorobenzene	5.562	168	170396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109711	51.616	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.240%			
35) Dibromofluoromethane	5.397	113	79687	43.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.660%			
50) Toluene-d8	8.653	98	345227	51.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.380%			
62) 4-Bromofluorobenzene	11.085	95	112031	49.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.660%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	392	0.215	ug/l #	53
5) Bromomethane	1.624	94	549	0.500	ug/l #	62
10) Methyl Iodide	2.465	142	533	0.252	ug/l #	80
11) Tert butyl alcohol	2.977	59	414	0.853	ug/l #	73
13) Acrolein	2.246	56	272	2.460	ug/l #	14
14) Allyl chloride	2.642	41	703	0.231	ug/l #	49
16) Acetone	2.386	43	34927	33.498	ug/l	97
17) Carbon Disulfide	2.514	76	3204	0.776	ug/l #	94
20) Methylene Chloride	2.794	84	10261	5.059	ug/l #	97
25) 2-Butanone	4.574	43	7188	4.441	ug/l #	77
29) Tetrahydrofuran	5.038	42	3007	2.834	ug/l	88
31) Cyclohexane	5.556	56	3699	1.175	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	12759	4.851	ug/l #	50
37) Ethyl Acetate	4.574	43	7188	2.167	ug/l #	64
38) Carbon Tetrachloride	5.562	117	16657	6.227	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	1824	0.580	ug/l	95
60) Dibromochloromethane	9.281	129	74	2.016	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55919	24.305	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55919	65.354	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	13.061	75	223	2.462	ug/l #	1

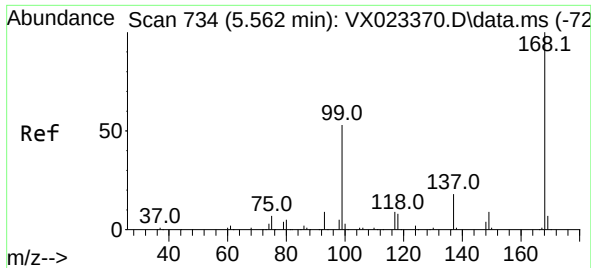
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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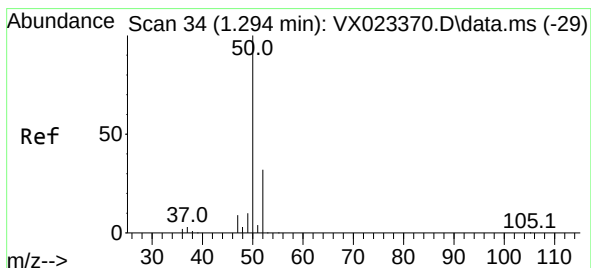
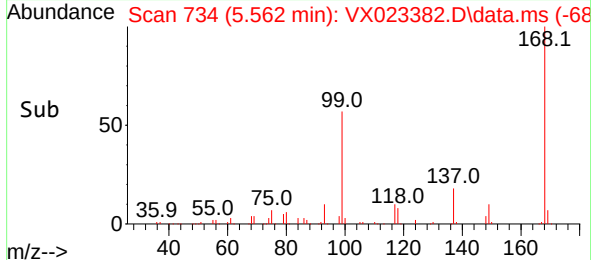
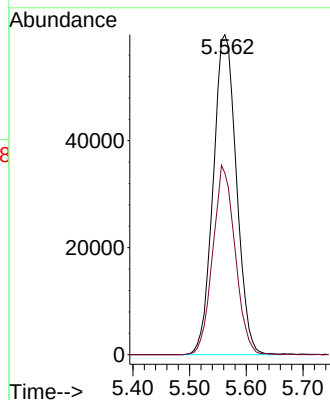
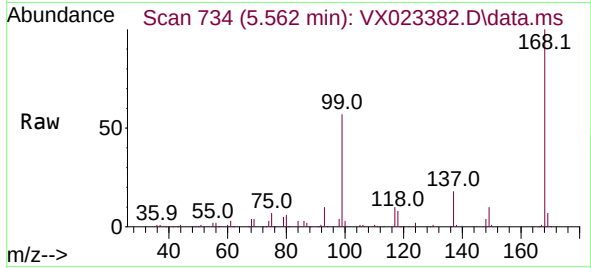




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

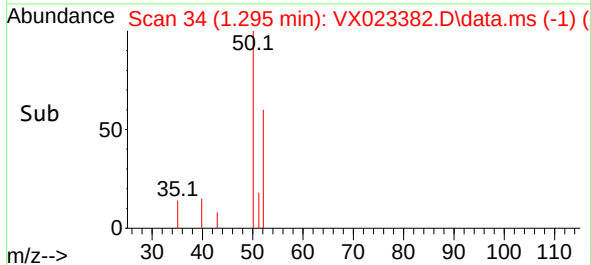
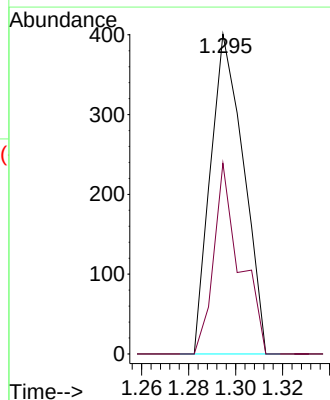
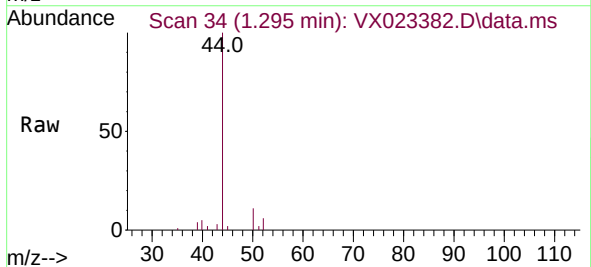
Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

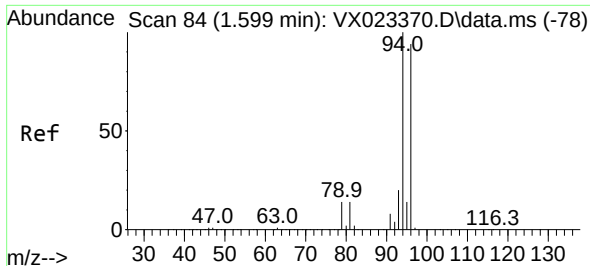
Tgt Ion:168 Resp: 170396
Ion Ratio Lower Upper
168 100
99 56.8 45.8 68.6



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion: 50 Resp: 392
Ion Ratio Lower Upper
50 100
52 59.6 26.4 39.6#

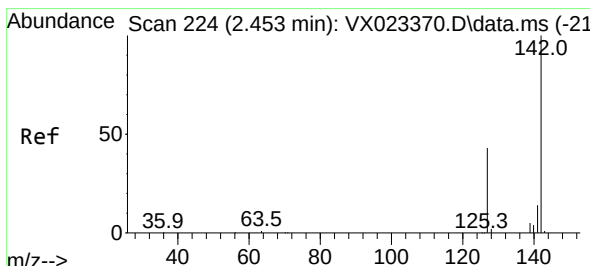
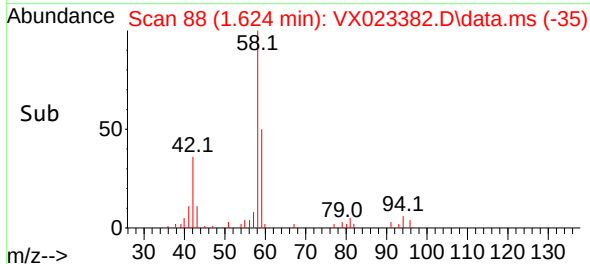
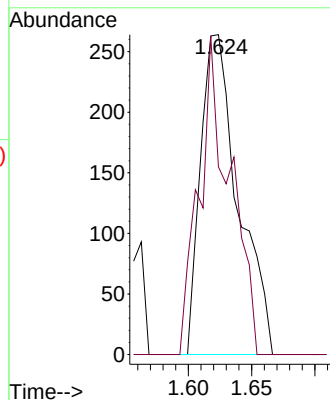
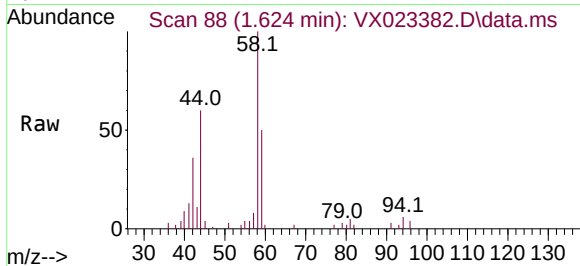




#5
Bromomethane
Concen: 0.500 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

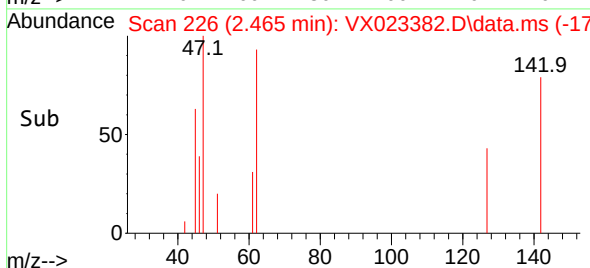
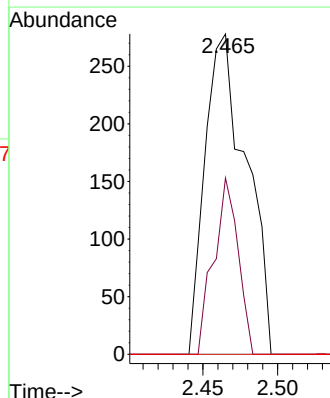
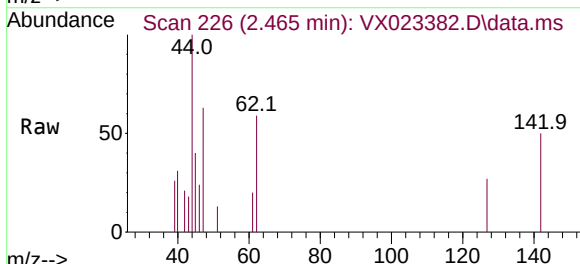
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ClientSampleId :
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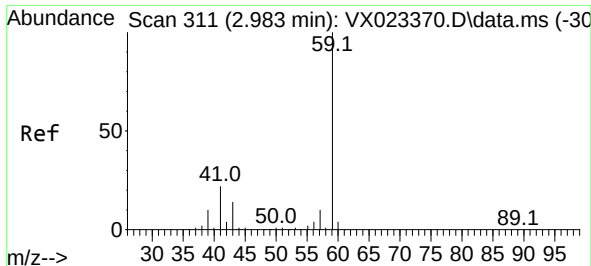
Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 58.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion:142 Resp: 533
Ion Ratio Lower Upper
142 100
127 32.5 33.3 49.9#
141 0.0 11.4 17.0#

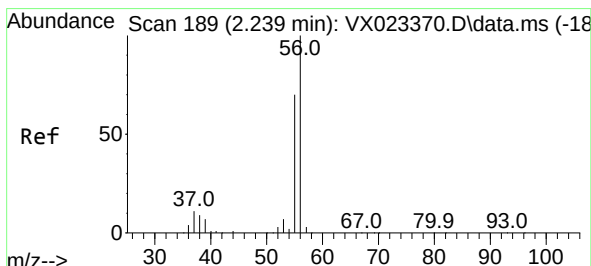
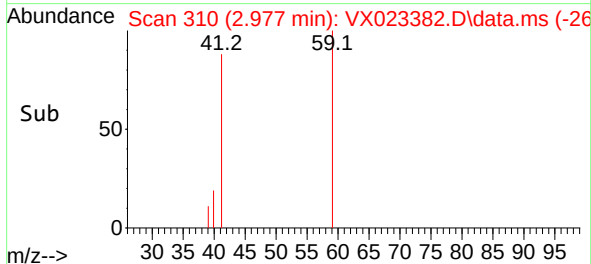
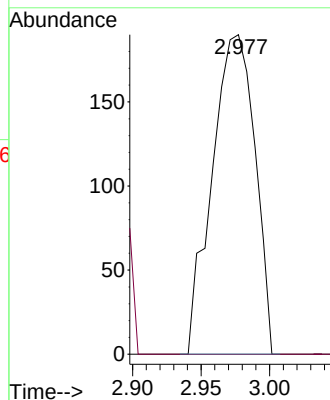
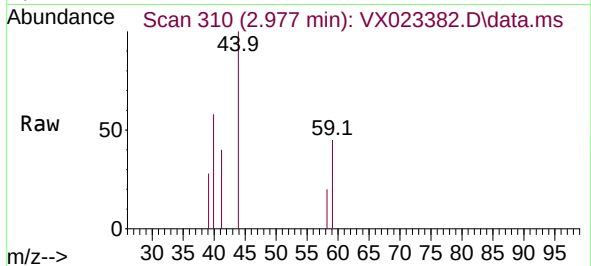




#11
Tert butyl alcohol
Concen: 0.853 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

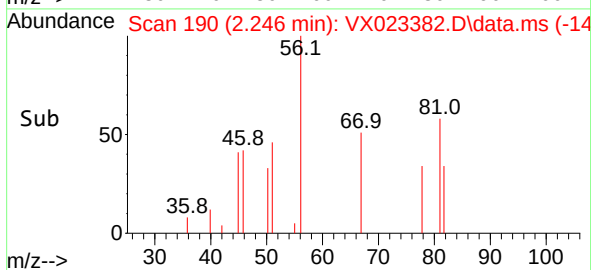
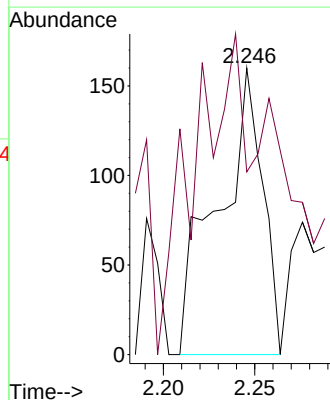
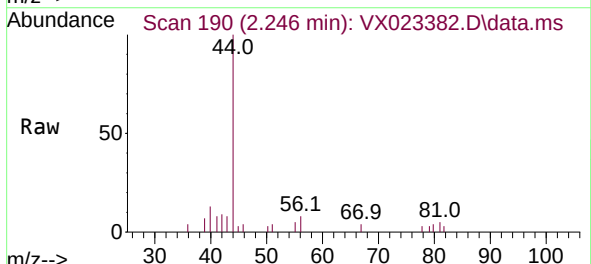
Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

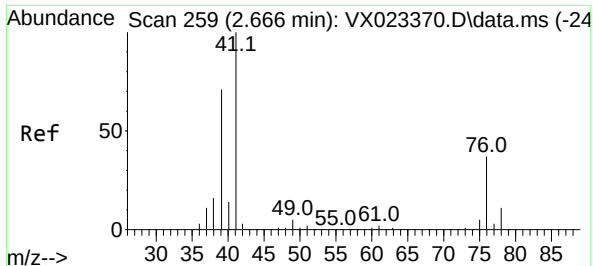
Tgt Ion: 59 Resp: 414
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 2.460 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion: 56 Resp: 272
Ion Ratio Lower Upper
56 100
55 141.2 56.4 84.6#





#14

Allyl chloride

Concen: 0.231 ug/l

RT: 2.642 min Scan# 255

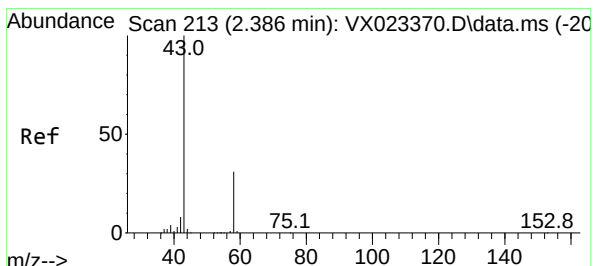
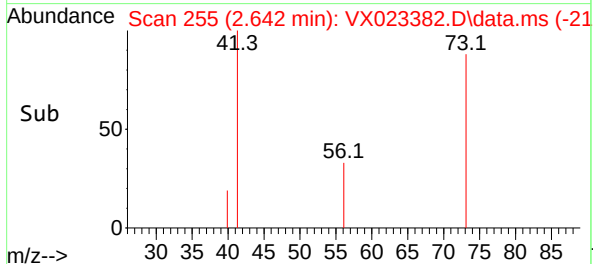
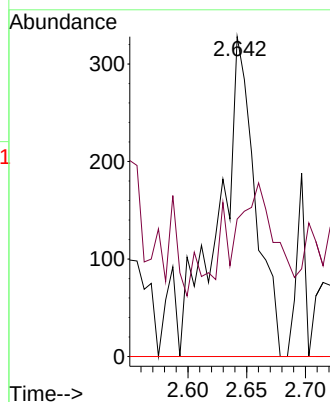
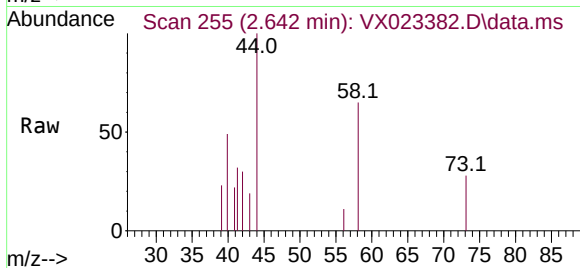
Delta R.T. -0.024 min

Lab File: VX023382.D

Acq: 22 Jul 2021 18:36

Tgt Ion: 41	Resp: 703
Ion Ratio	Lower Upper
41 100	
39 29.6	51.6 77.4#
76 0.0	30.5 45.7#

Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



#16

Acetone

Concen: 33.498 ug/l

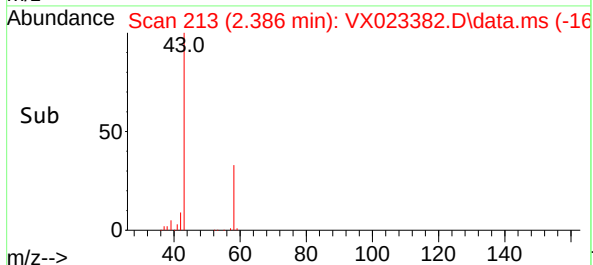
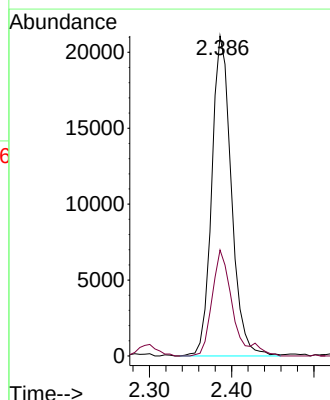
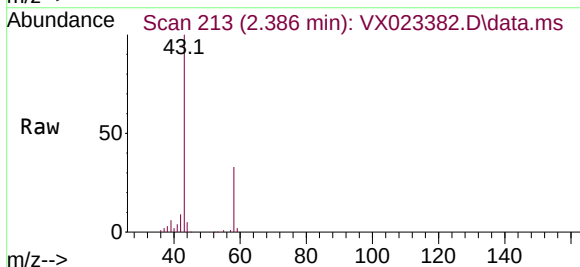
RT: 2.386 min Scan# 213

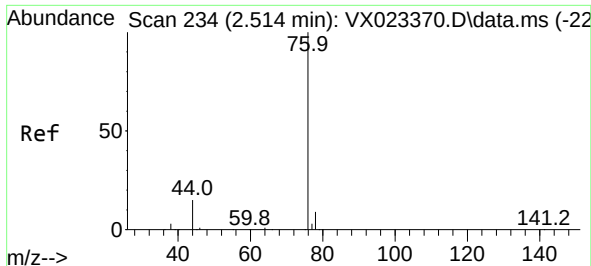
Delta R.T. -0.000 min

Lab File: VX023382.D

Acq: 22 Jul 2021 18:36

Tgt Ion: 43	Resp: 34927
Ion Ratio	Lower Upper
43 100	
58 33.1	27.8 41.8

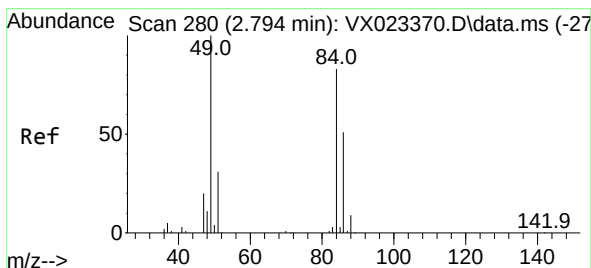
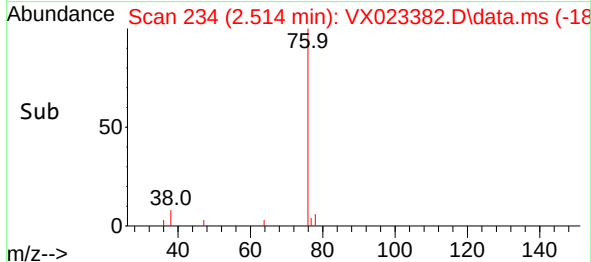
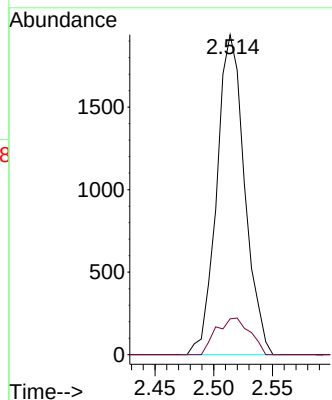
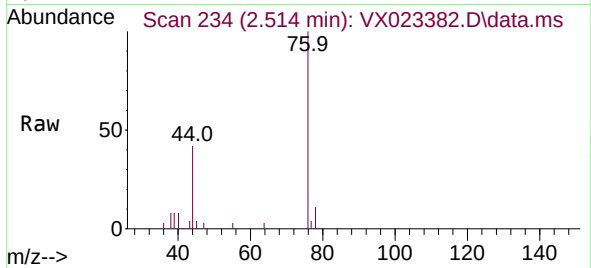




#17
Carbon Disulfide
Concen: 0.776 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

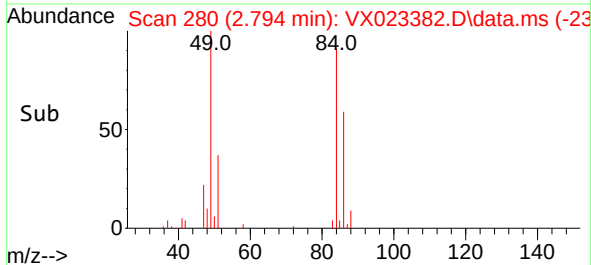
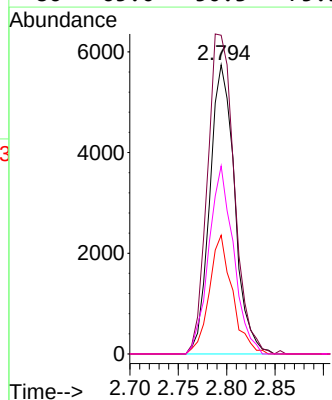
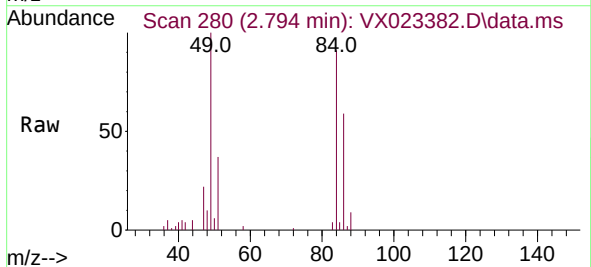
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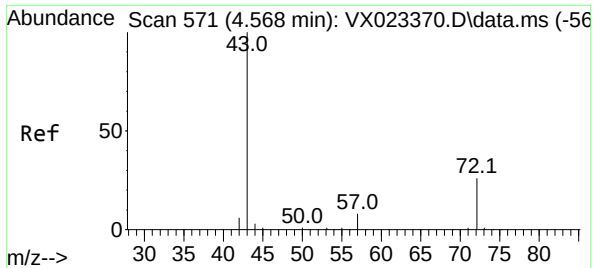
Tgt Ion: 76 Resp: 3204
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#



#20
Methylene Chloride
Concen: 5.059 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion: 84 Resp: 10261
Ion Ratio Lower Upper
84 100
49 110.2 88.6 132.8
51 41.0 27.0 40.6#
86 65.0 50.3 75.5

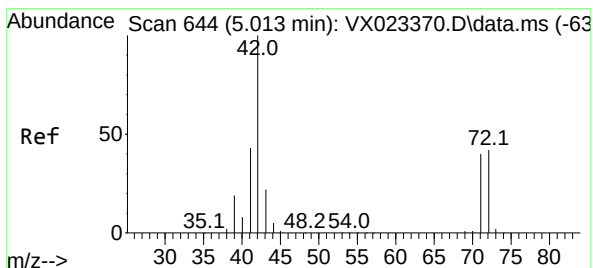
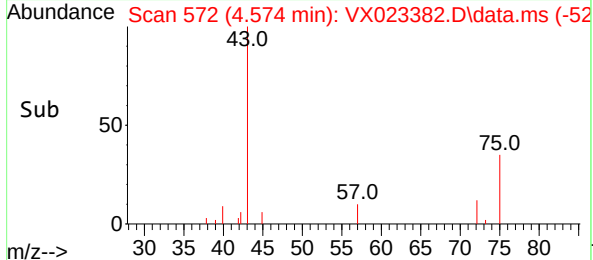
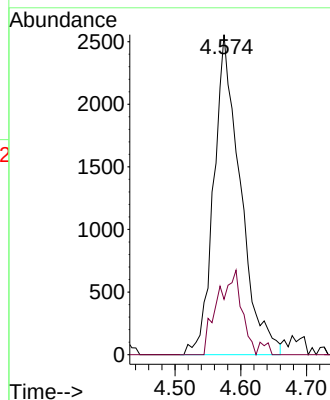
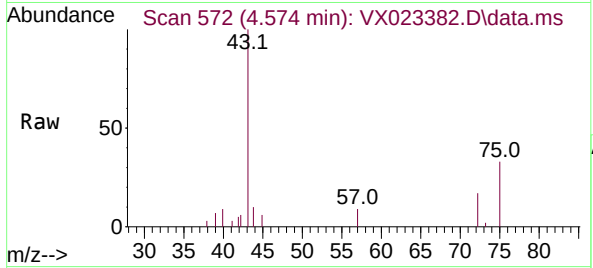




#25
2-Butanone
Concen: 4.441 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

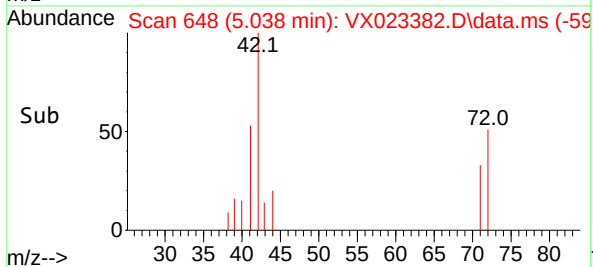
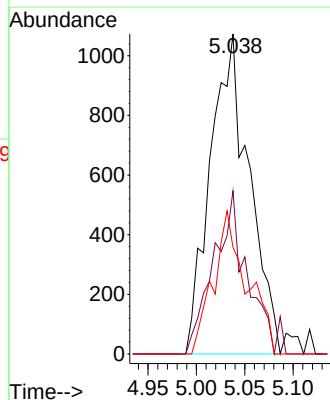
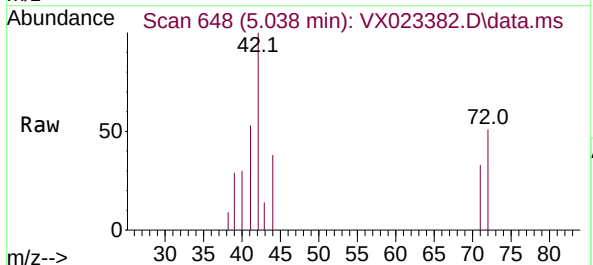
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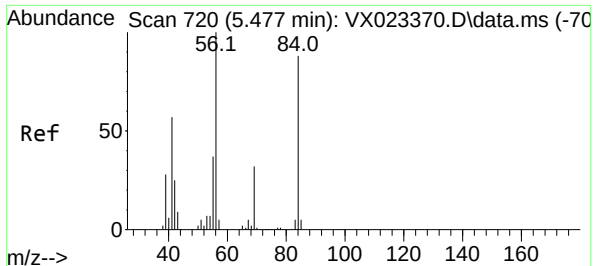
Tgt Ion: 43 Resp: 7188
Ion Ratio Lower Upper
43 100
72 17.3 23.7 35.5#



#29
Tetrahydrofuran
Concen: 2.834 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion: 42 Resp: 3007
Ion Ratio Lower Upper
42 100
72 44.7 41.7 62.5
71 38.5 38.4 57.6

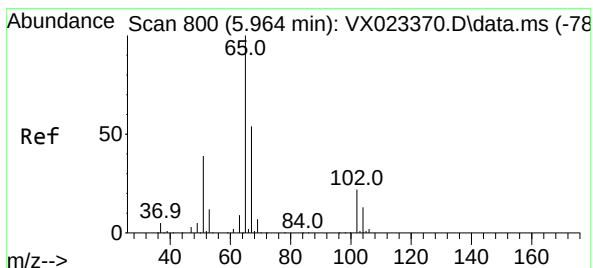
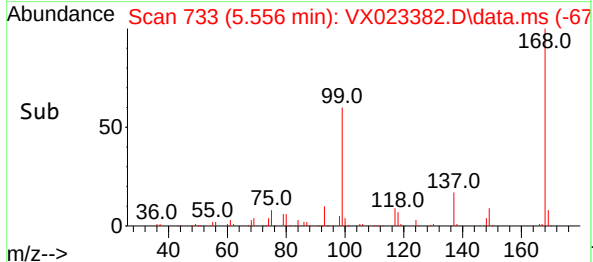
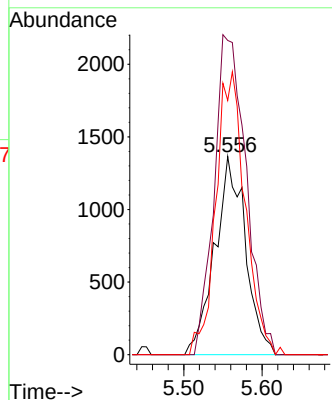
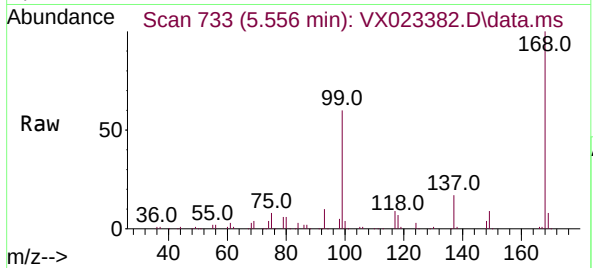




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

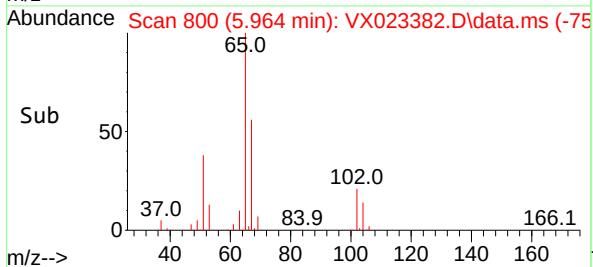
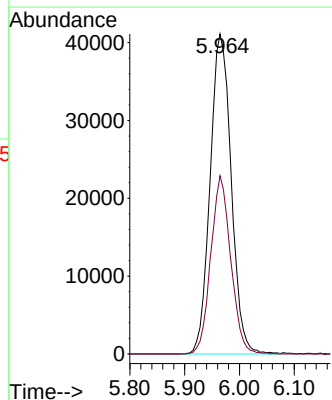
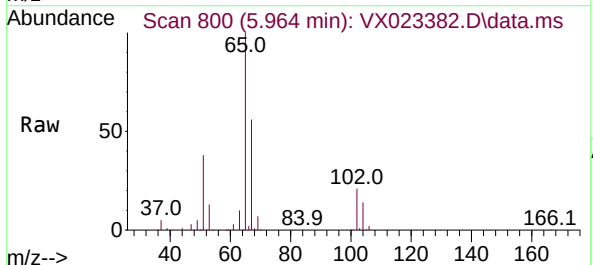
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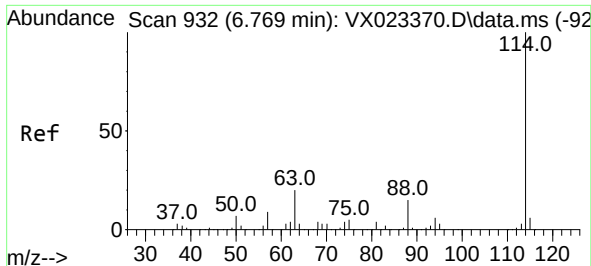
Tgt Ion: 56 Resp: 3699
Ion Ratio Lower Upper
56 100
69 158.5 25.3 37.9#
84 128.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.616 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion: 65 Resp: 109711
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

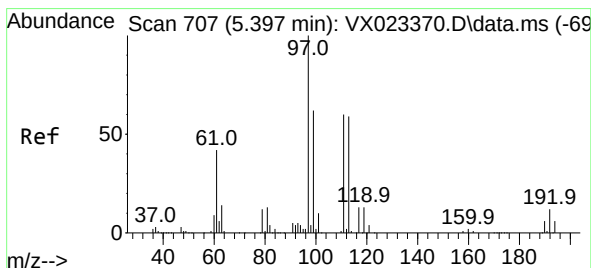
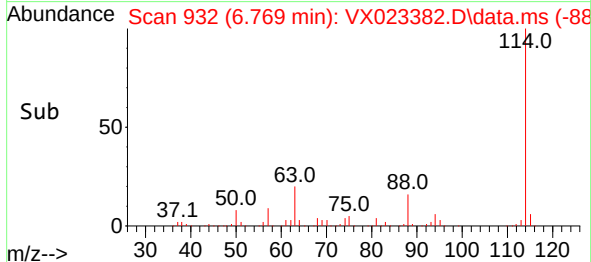
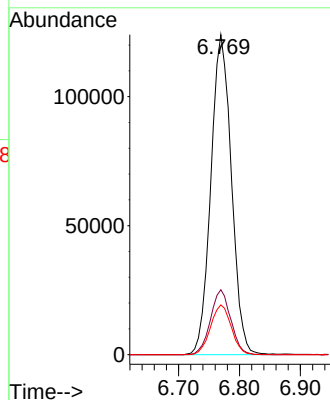
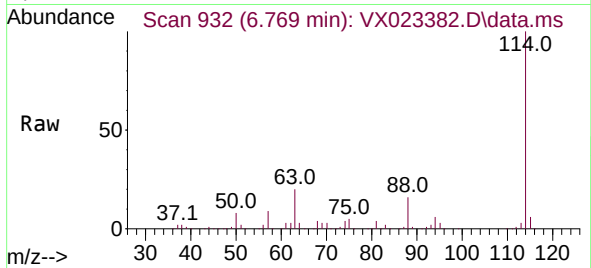




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

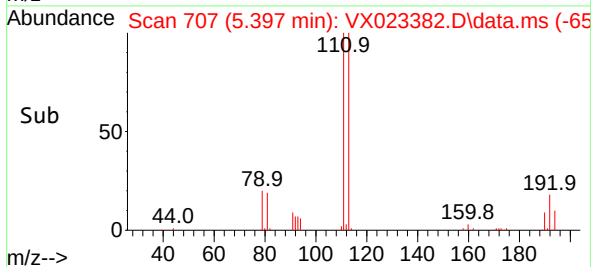
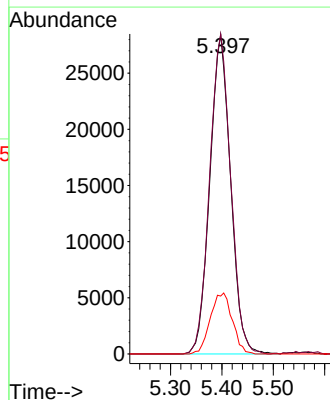
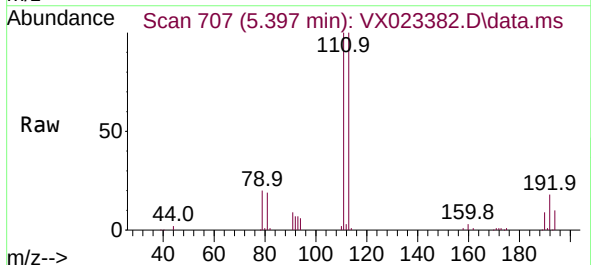
Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

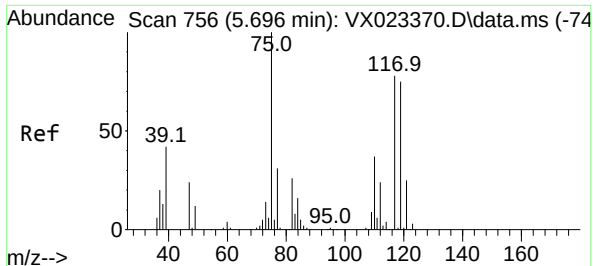
Tgt Ion:114 Resp: 290765
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 43.832 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion:113 Resp: 79687
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.3 16.7 25.1

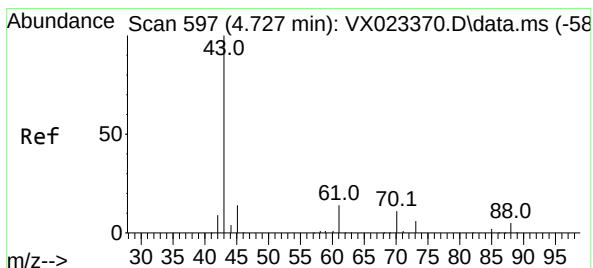
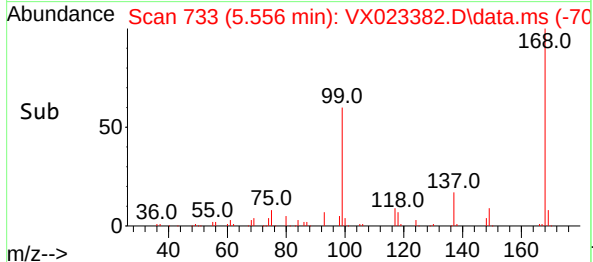
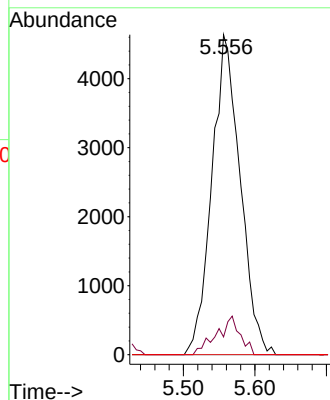
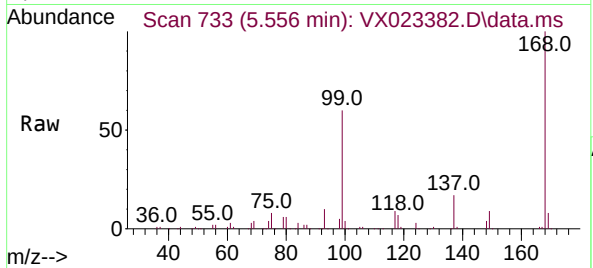




#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

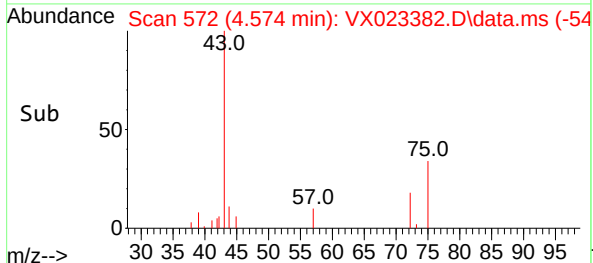
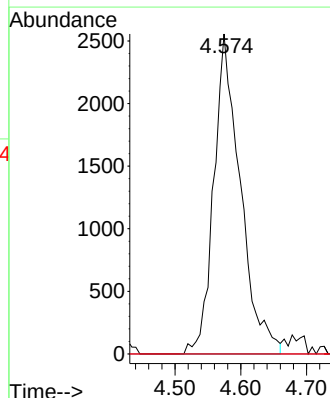
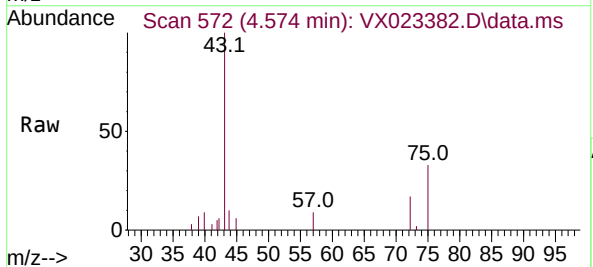
Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

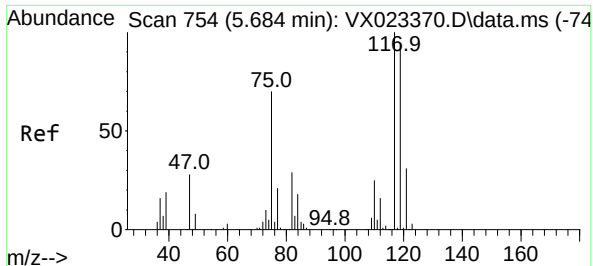
Tgt Ion: 75 Resp: 12759
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.167 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.153 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

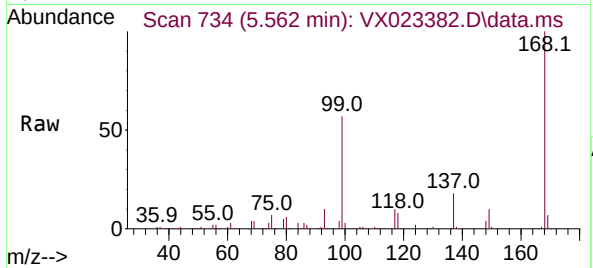
Tgt Ion: 43 Resp: 7188
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



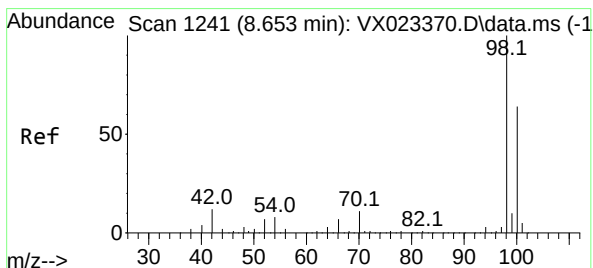
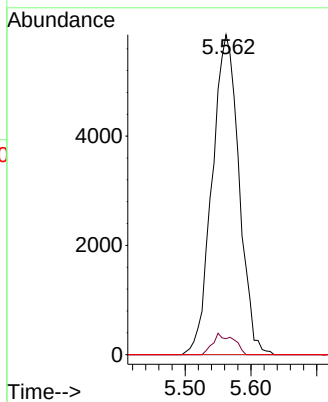
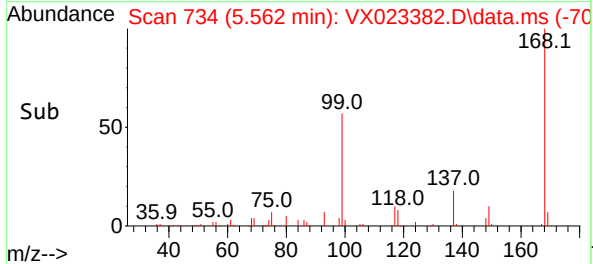


#38
Carbon Tetrachloride
Concen: 6.227 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

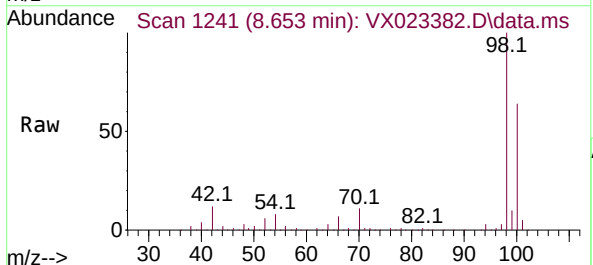
Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



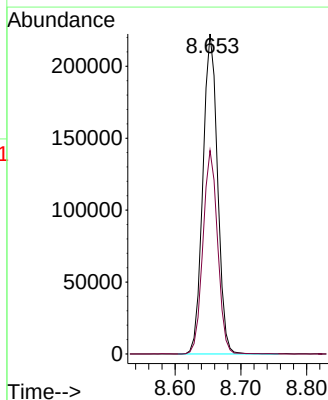
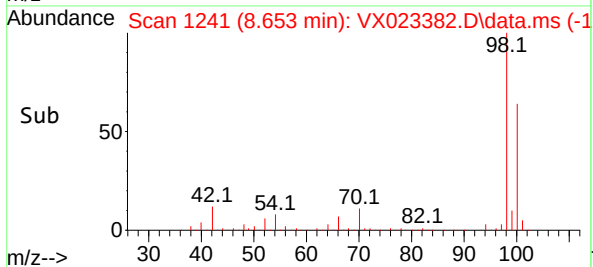
Tgt Ion:117 Resp: 16657
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

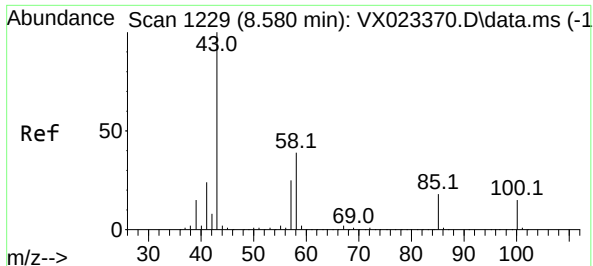


#50
Toluene-d8
Concen: 51.686 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36



Tgt Ion: 98 Resp: 345227
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

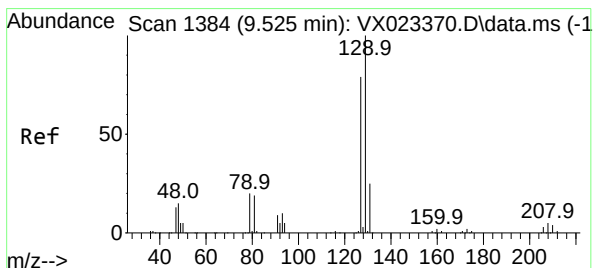
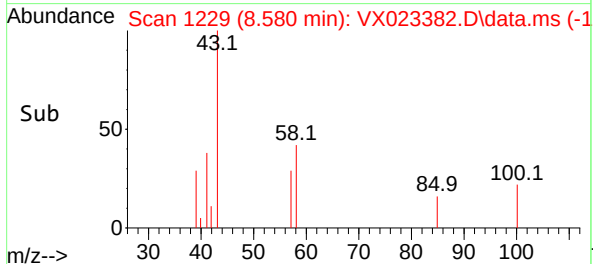
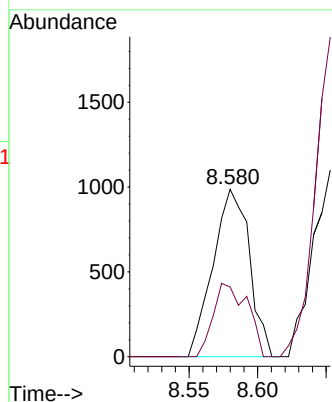
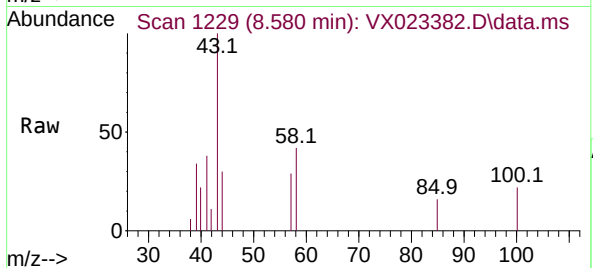




#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

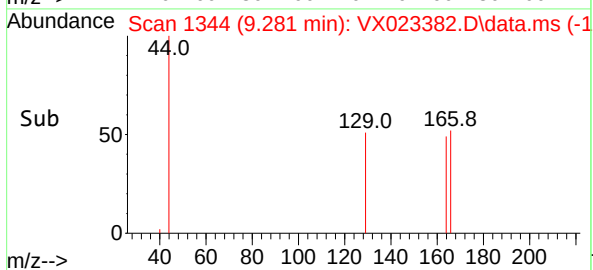
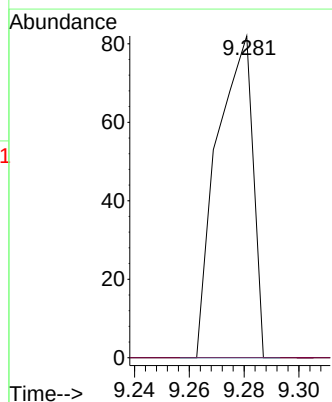
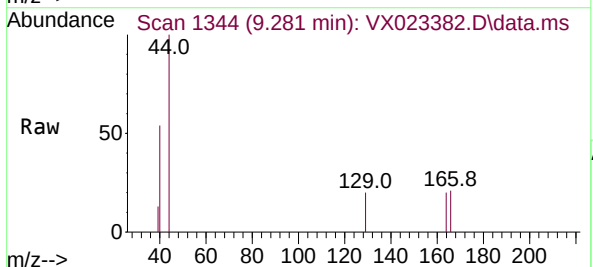
Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

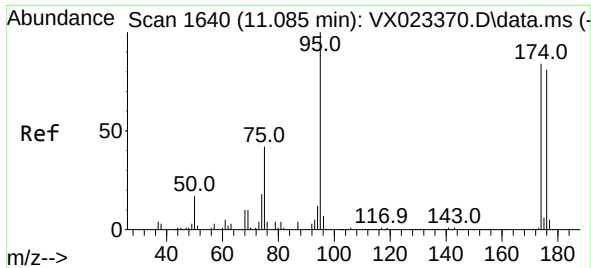
Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
58 41.0 35.4 53.0



#60
Dibromochloromethane
Concen: 2.016 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion: 129 Resp: 74
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

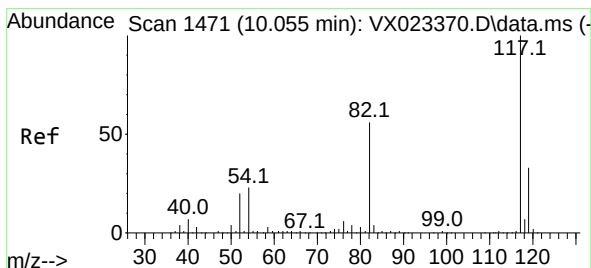
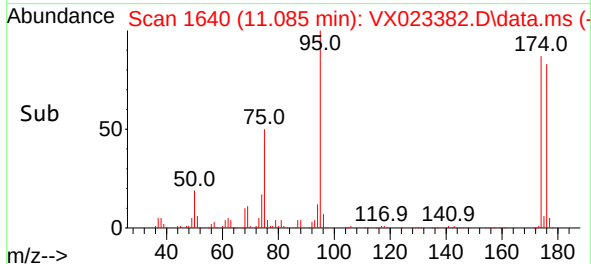
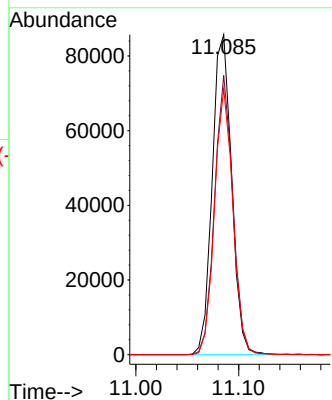
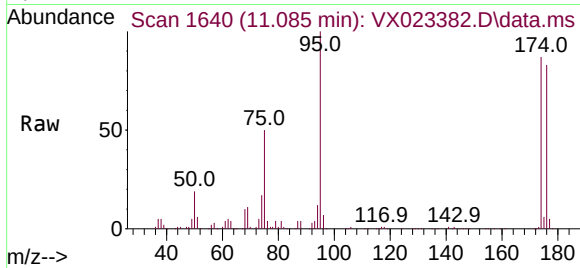




#62
4-Bromofluorobenzene
Concen: 49.326 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

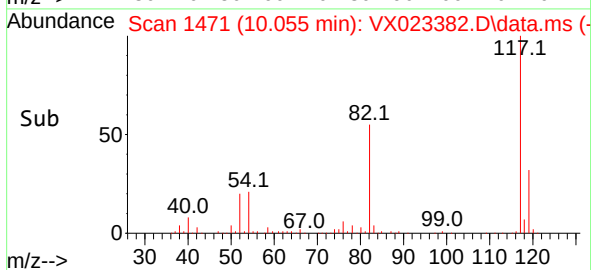
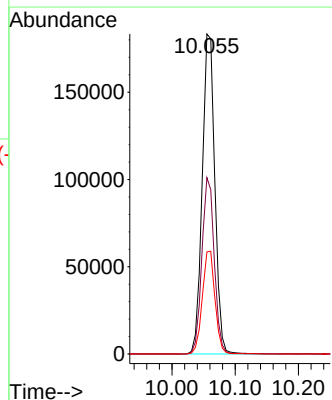
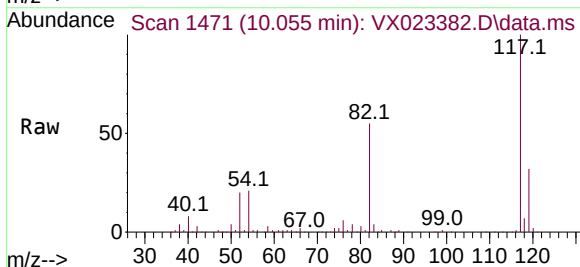
Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

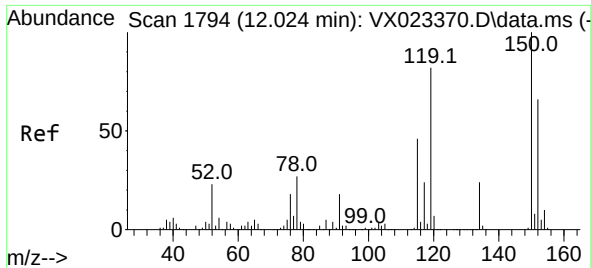
Tgt Ion: 95 Resp: 112031
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 78.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion: 117 Resp: 254691
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 31.9 26.6 39.8

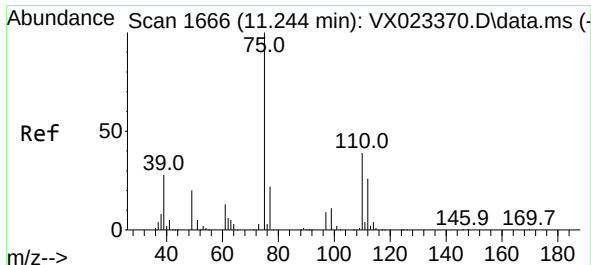
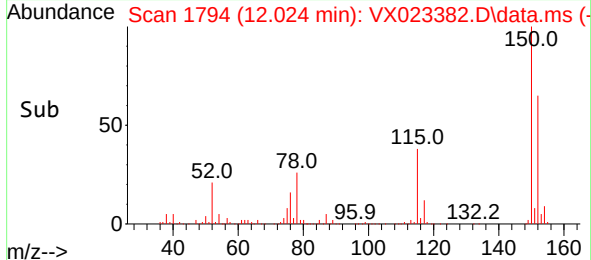
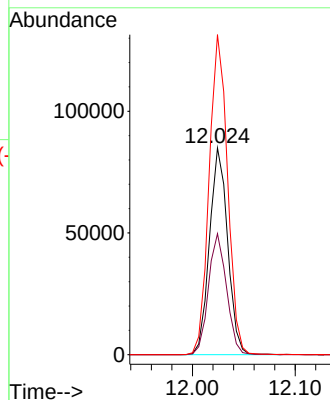
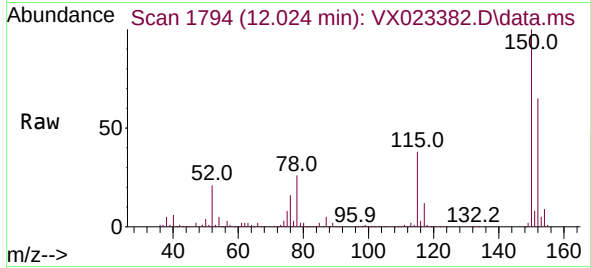




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023382.D
 Acq: 22 Jul 2021 18:36

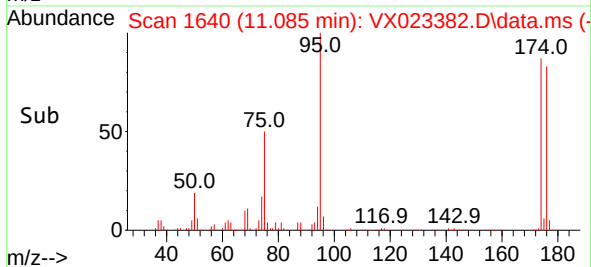
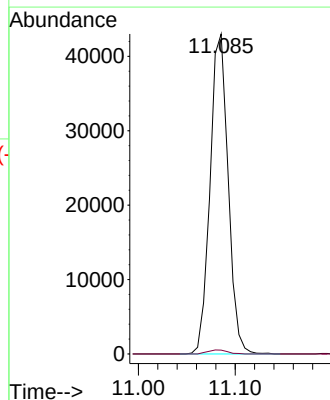
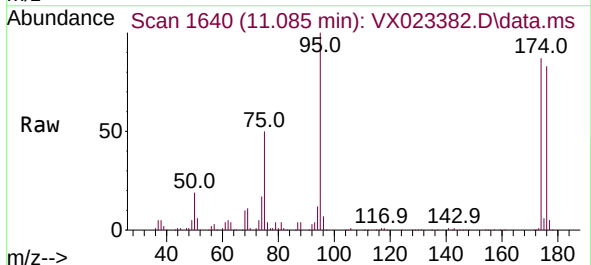
Instrument :
 MSVOA_X
 ClientSampleId :
 20210594-AMENDED-COM-8-SPLP

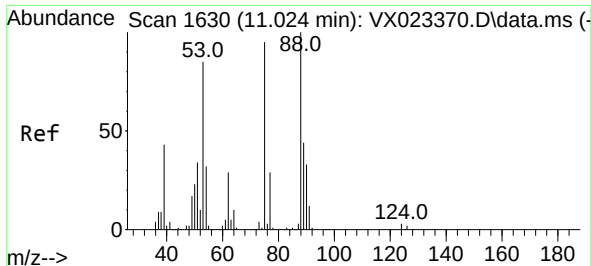
Tgt Ion:152 Resp: 104550
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.1 123.3
 150 156.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.305 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023382.D
 Acq: 22 Jul 2021 18:36

Tgt Ion: 75 Resp: 55919
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#

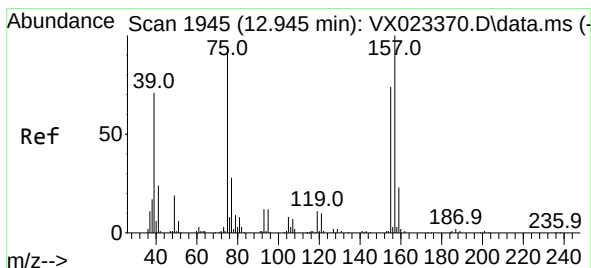
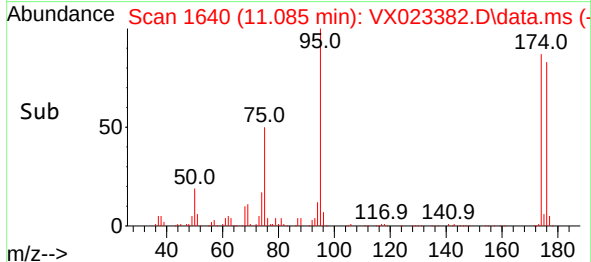
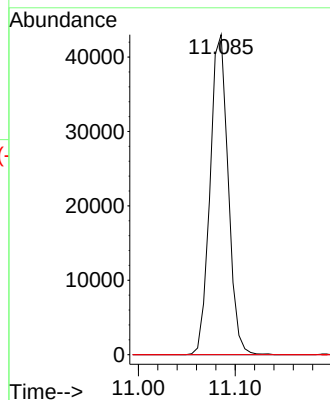
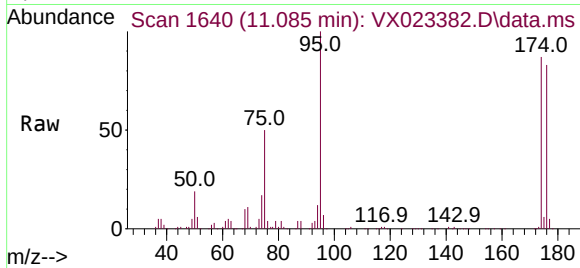




#81
trans-1,4-Dichloro-2-butene
Concen: 65.354 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Instrument :
MSVOA_X
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

Tgt Ion: 75 Resp: 55919
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.462 ug/l
RT: 13.061 min Scan# 1964
Delta R.T. 0.116 min
Lab File: VX023382.D
Acq: 22 Jul 2021 18:36

Tgt Ion: 75 Resp: 223
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#

