

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023723.D
 Acq On : 14 Aug 2021 05:11
 Operator : JC/MD
 Sample : M3397-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 06:55:53 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

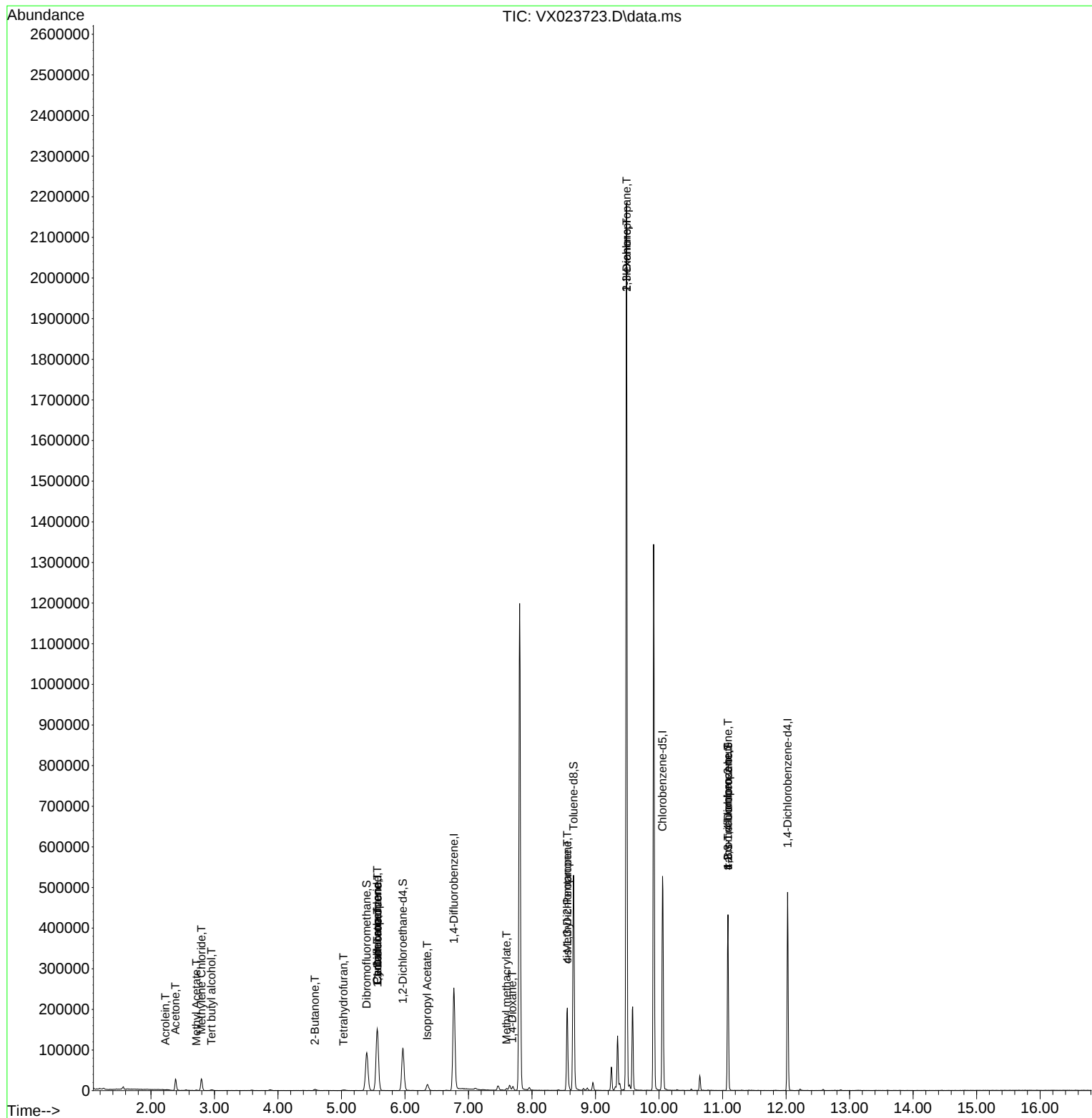
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	141075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102145	58.044	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 116.080%		
35) Dibromofluoromethane	5.397	113	78015	51.586	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.180%		
50) Toluene-d8	8.653	98	306759	55.209	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 110.420%		
62) 4-Bromofluorobenzene	11.085	95	105465	55.820	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 111.640%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	1402	3.487	ug/l #	73
13) Acrolein	2.227	56	38	1.549	ug/l #	1
16) Acetone	2.386	43	29362	34.013	ug/l	91
18) Methyl Acetate	2.715	43	1591	0.775	ug/l #	89
20) Methylene Chloride	2.794	84	12355	7.358	ug/l #	87
25) 2-Butanone	4.580	43	4245	3.168	ug/l #	86
29) Tetrahydrofuran	5.031	42	1099	1.251	ug/l	92
31) Cyclohexane	5.562	56	3190	1.224	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	11433	5.225	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14931	6.710	ug/l #	17
43) Isopropyl Acetate	6.348	43	20046	4.689	ug/l	92
48) Methyl methacrylate	7.598	41	6081	3.071	ug/l #	10
49) 1,4-Dioxane	7.689	88	24	0.569	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	72128	27.585	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	30603	11.702	ug/l #	72
57) 1,3-Dichloropropane	9.488	76	16968	6.136	ug/l #	42
59) 2-Hexanone	9.488	43	256375	129.121	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	54730	26.545	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54730	71.377	ug/l #	12

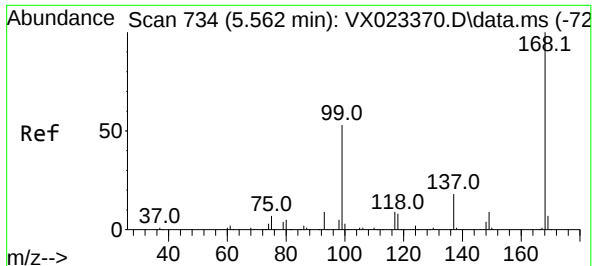
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 23 06:05:38 2021
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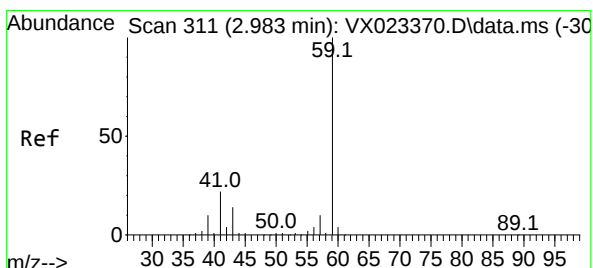
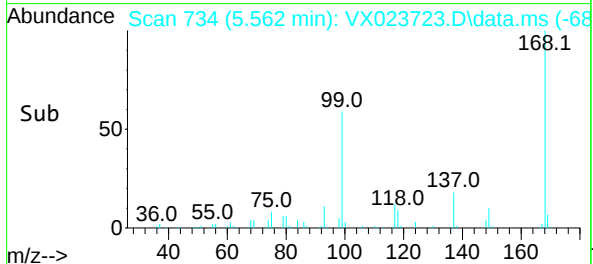
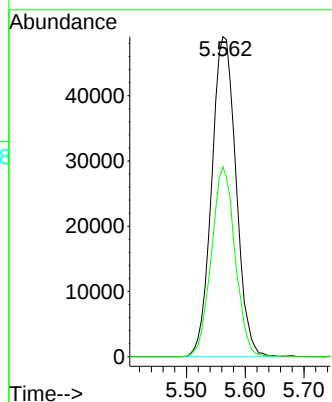
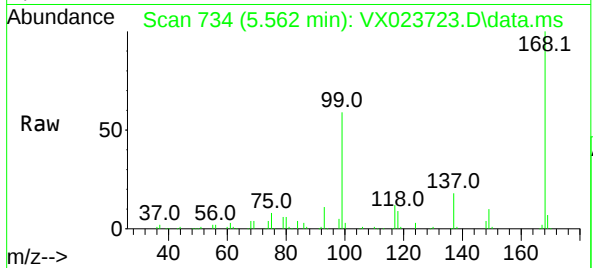




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

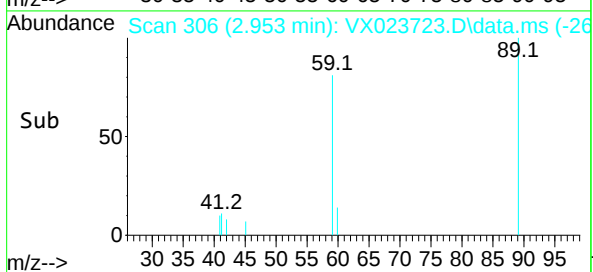
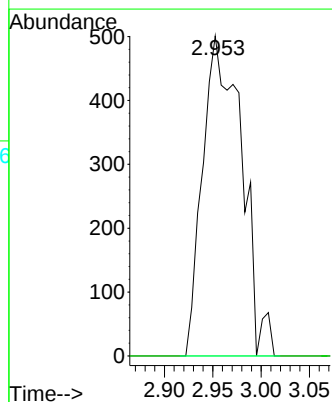
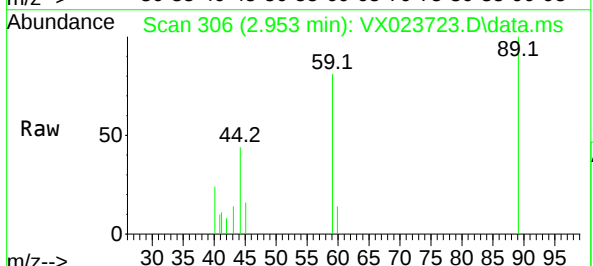
Instrument :
MSVOA_X
ClientSampleId :

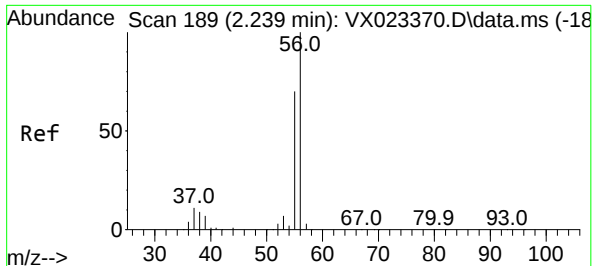
Tgt Ion:168 Resp: 141075
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#11
Tert butyl alcohol
Concen: 3.487 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion: 59 Resp: 1402
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 1.549 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX023723.D

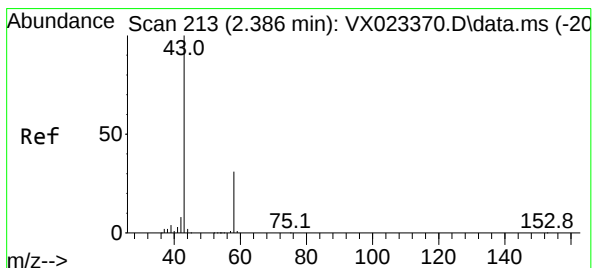
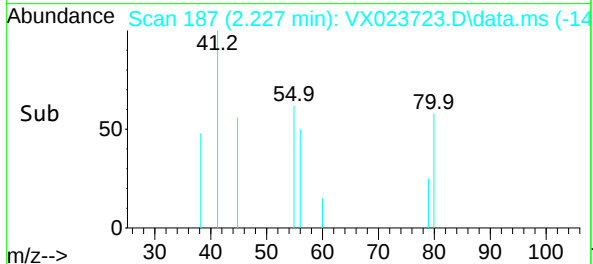
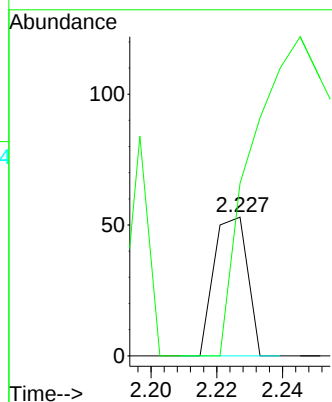
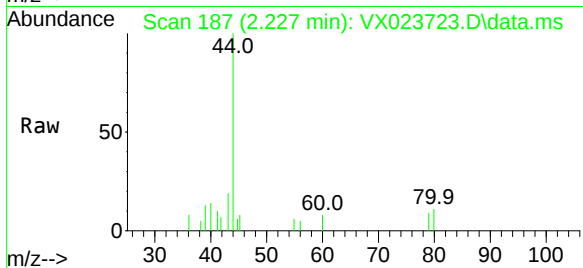
Acq: 14 Aug 2021 05:11

Tgt Ion: 56 Resp: 38

Ion Ratio Lower Upper

56 100

55 571.1 56.4 84.6#



#16

Acetone

Concen: 34.013 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX023723.D

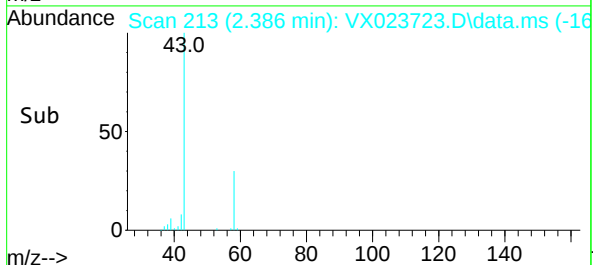
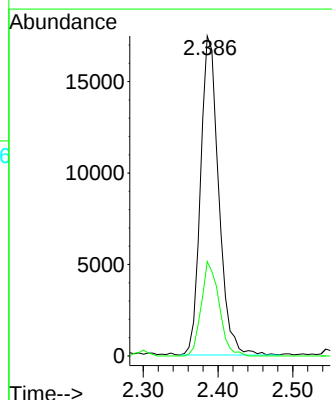
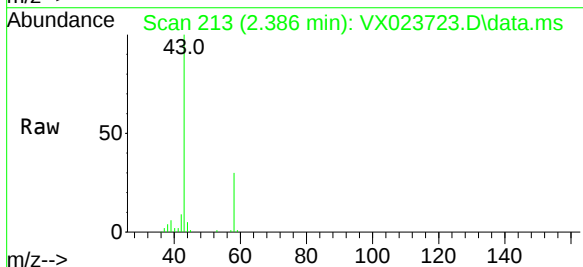
Acq: 14 Aug 2021 05:11

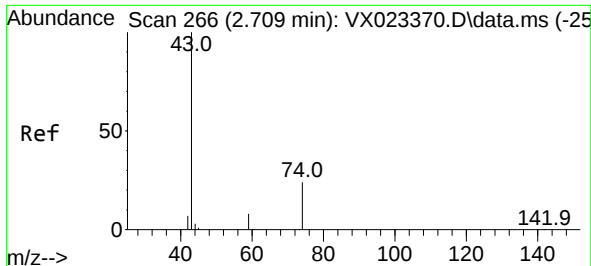
Tgt Ion: 43 Resp: 29362

Ion Ratio Lower Upper

43 100

58 29.6 27.8 41.8

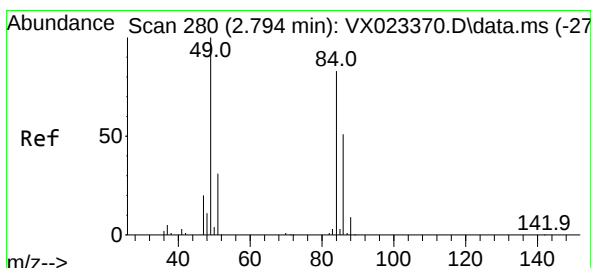
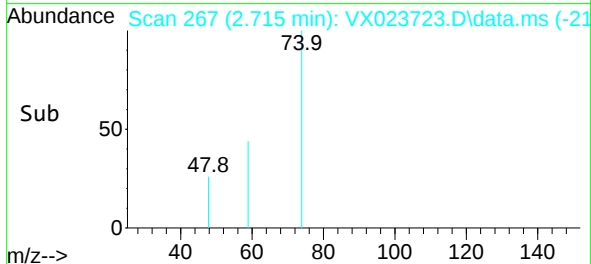
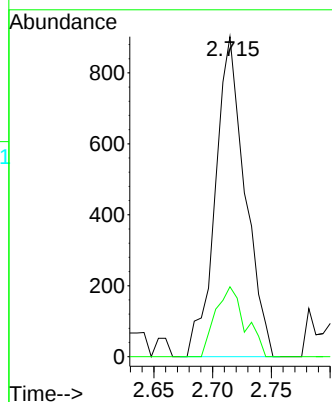
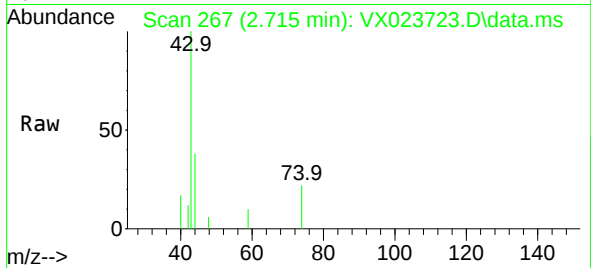




#18
Methyl Acetate
Concen: 0.775 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

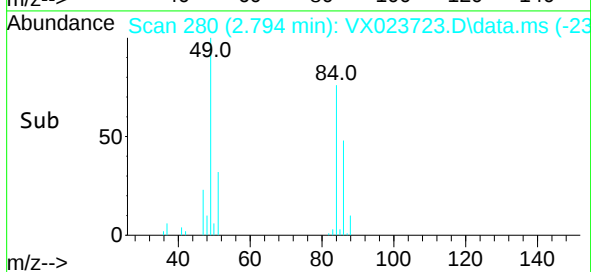
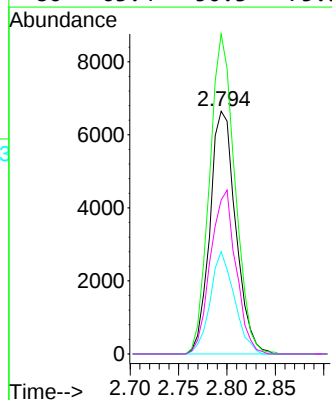
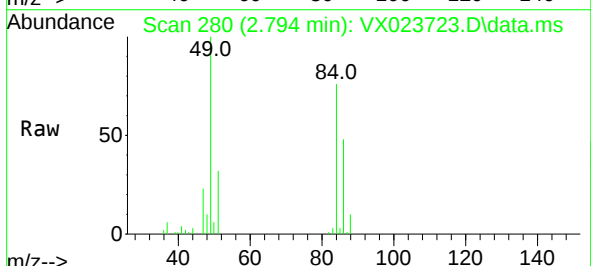
Instrument :
MSVOA_X
ClientSampled :

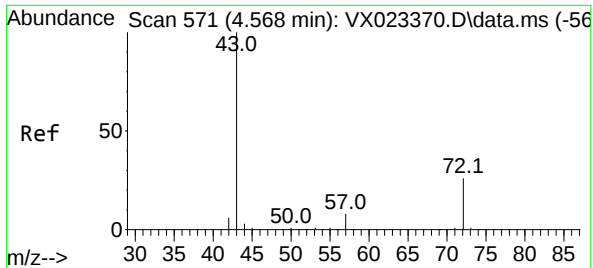
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#



#20
Methylene Chloride
Concen: 7.358 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion: 84 Resp: 12355
Ion Ratio Lower Upper
84 100
49 131.8 88.6 132.8
51 42.1 27.0 40.6#
86 63.4 50.3 75.5

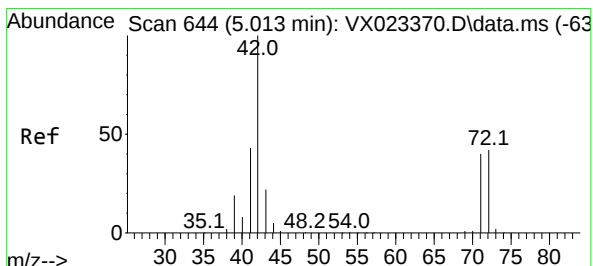
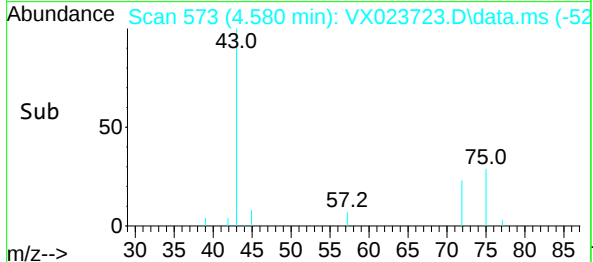
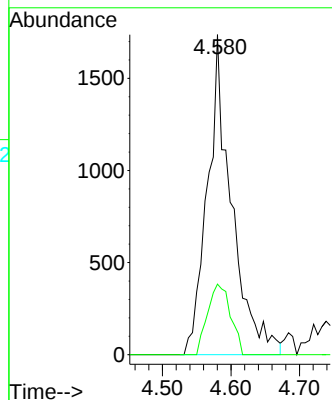
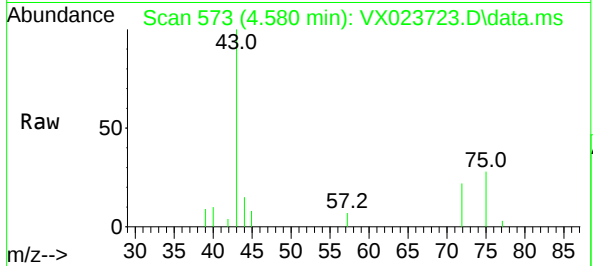




#25
2-Butanone
Concen: 3.168 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

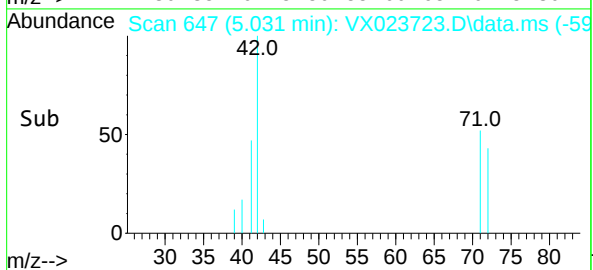
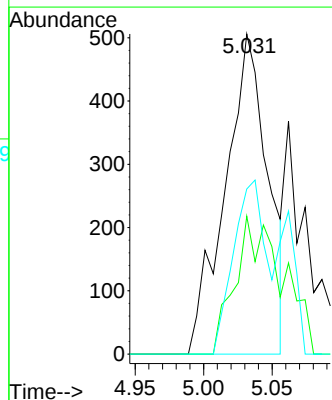
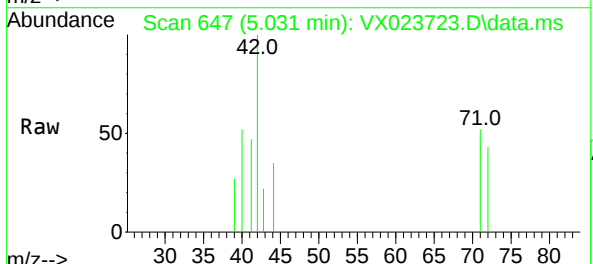
Instrument :
MSVOA_X
ClientSampled :

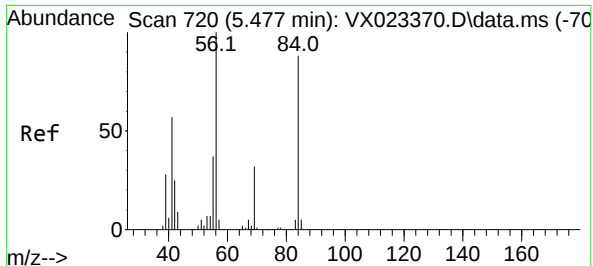
Tgt Ion: 43 Resp: 4245
Ion Ratio Lower Upper
43 100
72 22.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.251 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

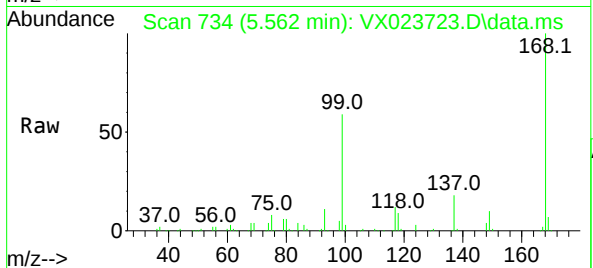
Tgt Ion: 42 Resp: 1099
Ion Ratio Lower Upper
42 100
72 47.5 41.7 62.5
71 40.9 38.4 57.6



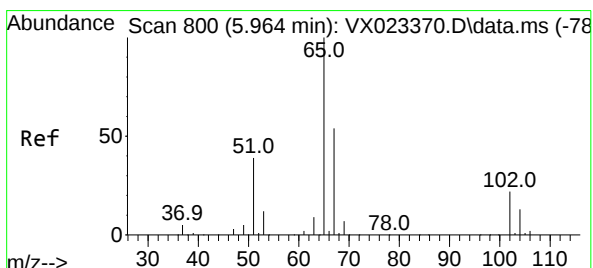
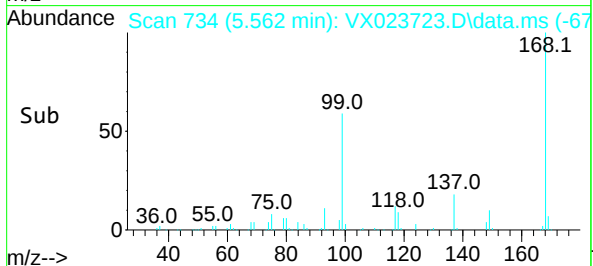
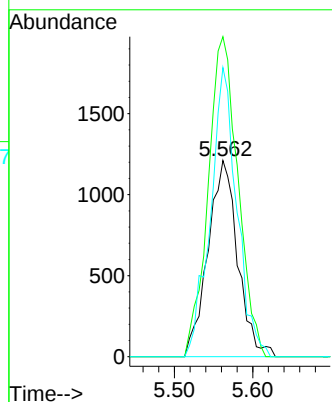


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Instrument :
MSVOA_X
ClientSampleId :

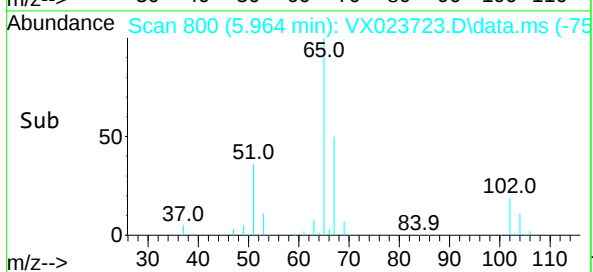
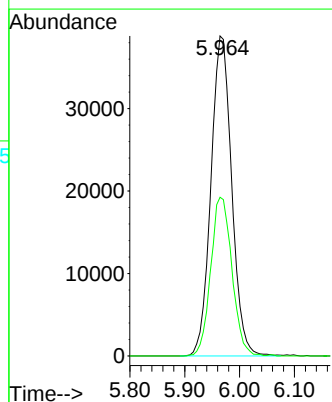
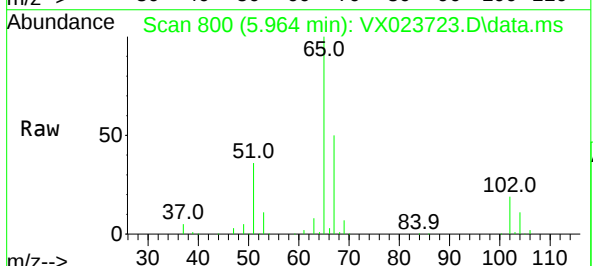


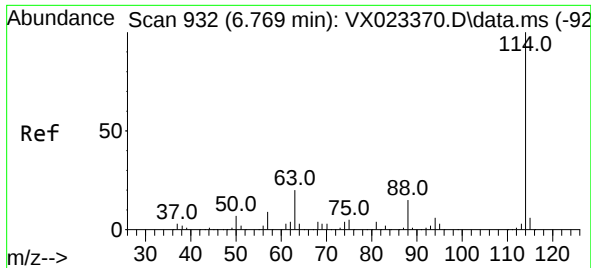
Tgt Ion: 56 Resp: 3190
Ion Ratio Lower Upper
56 100
69 163.1 25.3 37.9#
84 147.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 58.044 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion: 65 Resp: 102145
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

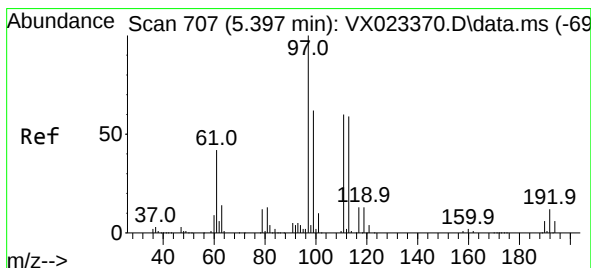
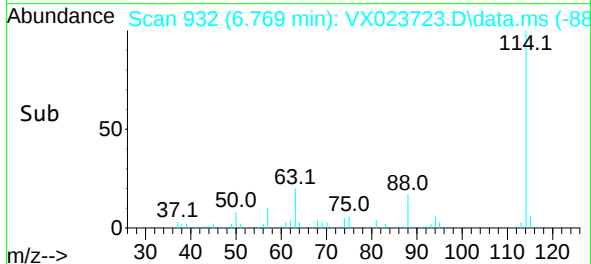
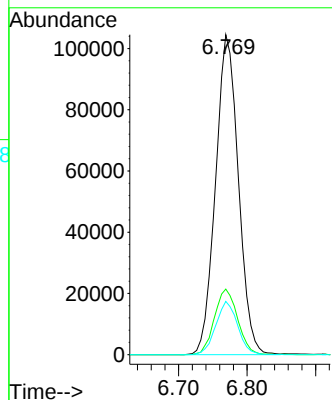
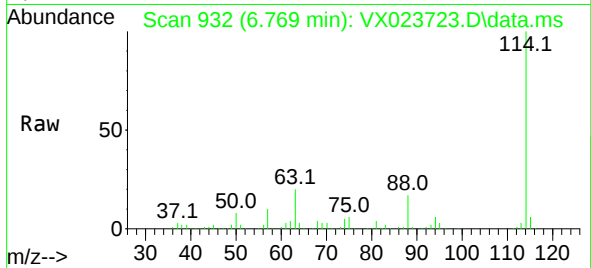




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

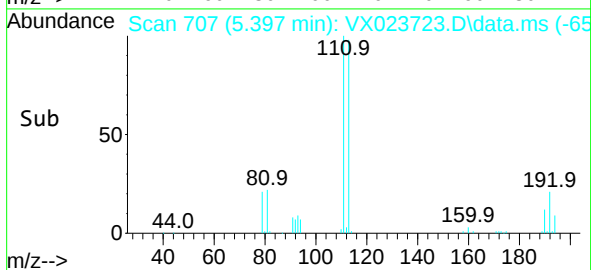
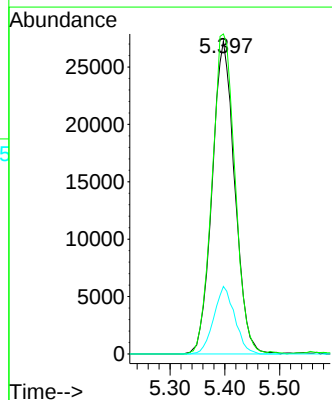
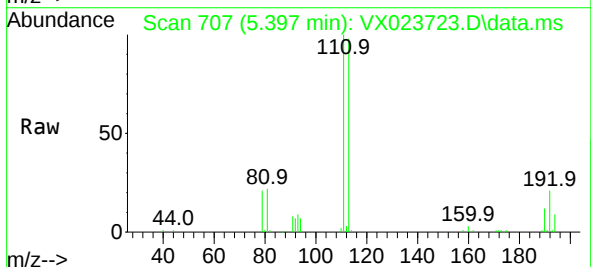
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ClientSampled :

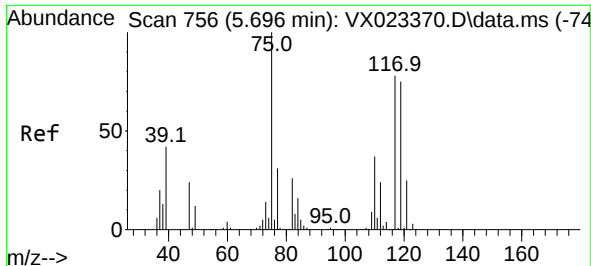
Tgt Ion:114 Resp: 241876
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.586 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion:113 Resp: 78015
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 20.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.225 ug/l

RT: 5.568 min Scan# 735

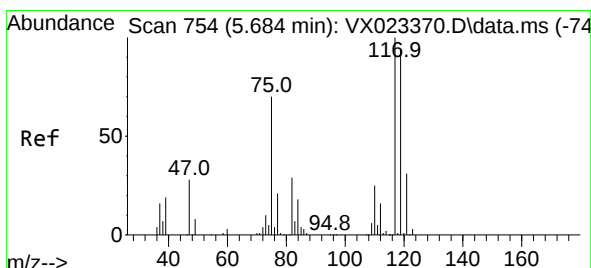
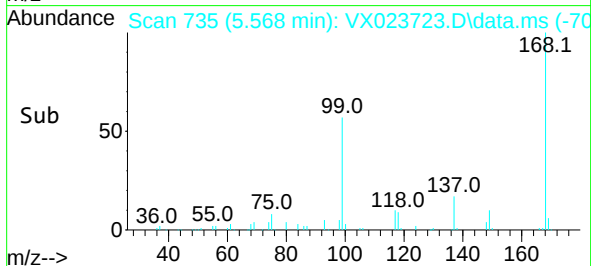
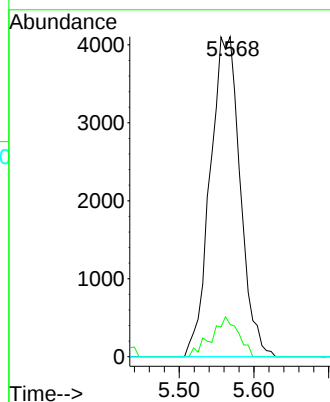
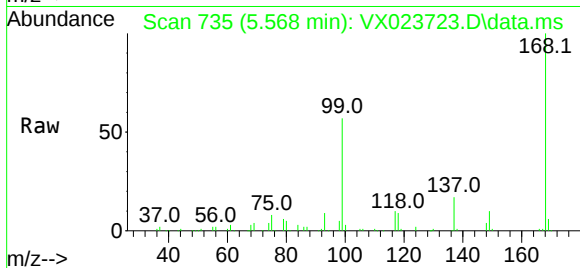
Delta R.T. -0.128 min

Lab File: VX023723.D

Acq: 14 Aug 2021 05:11

Tgt Ion:	75	Resp:	11433
Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.710 ug/l

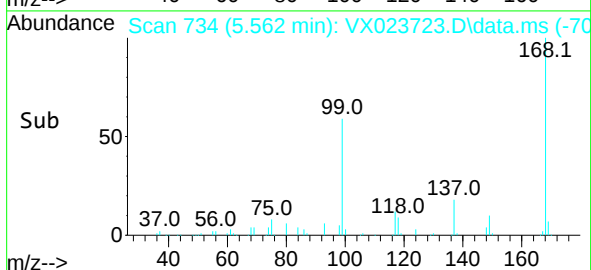
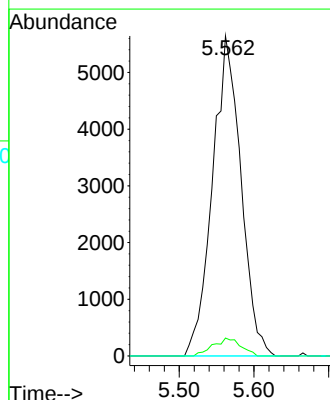
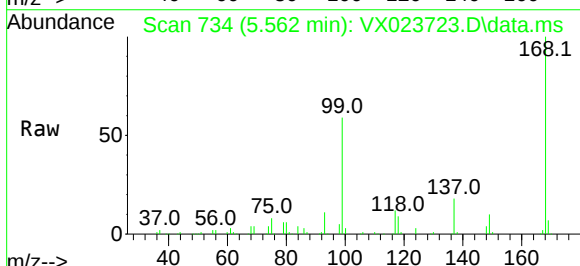
RT: 5.562 min Scan# 734

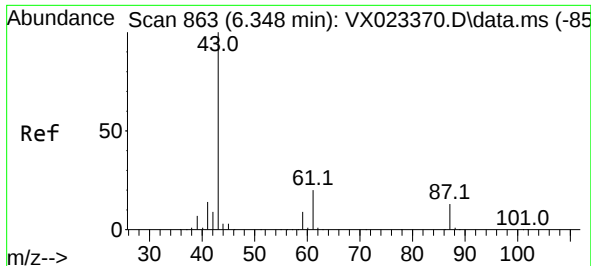
Delta R.T. -0.122 min

Lab File: VX023723.D

Acq: 14 Aug 2021 05:11

Tgt Ion:	117	Resp:	14931
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#

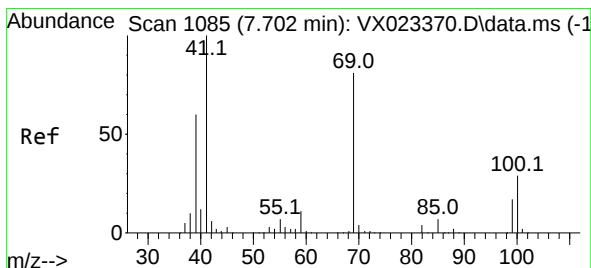
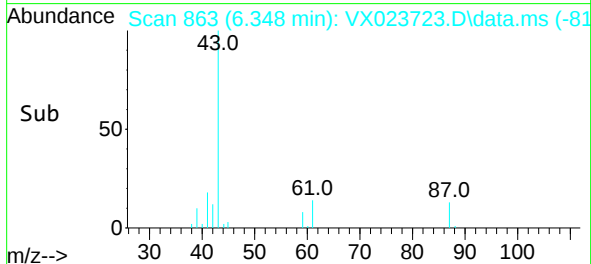
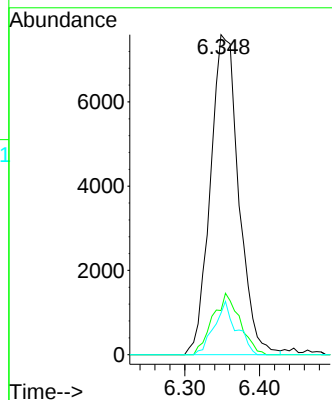
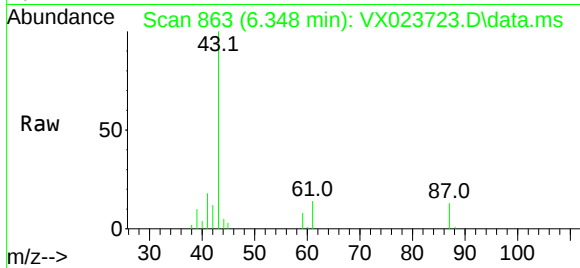




#43
Isopropyl Acetate
Concen: 4.689 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

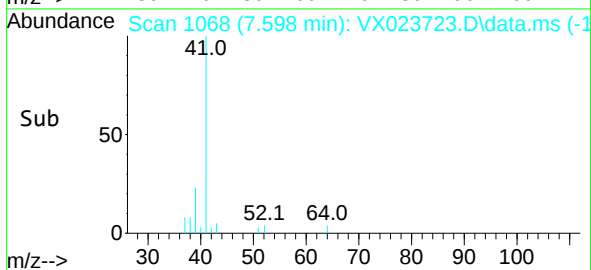
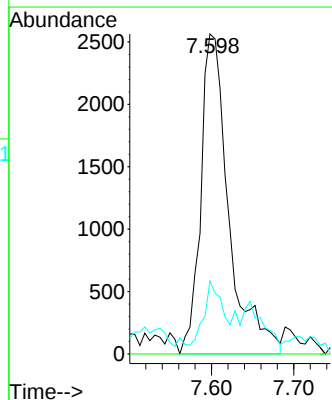
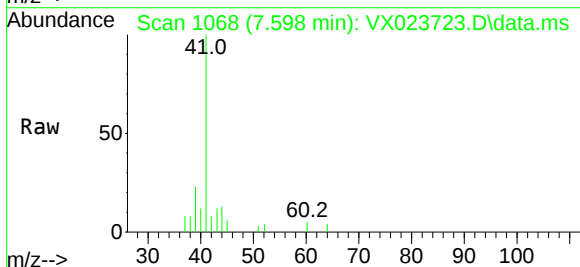
Instrument :
MSVOA_X
ClientSampled :

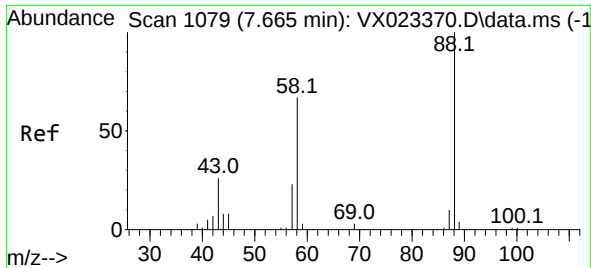
Tgt Ion:	43	Resp:	20046
Ion	Ratio	Lower	Upper
43	100		
61	18.4	18.2	27.4
87	13.0	12.5	18.7



#48
Methyl methacrylate
Concen: 3.071 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.104 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion:	41	Resp:	6081
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

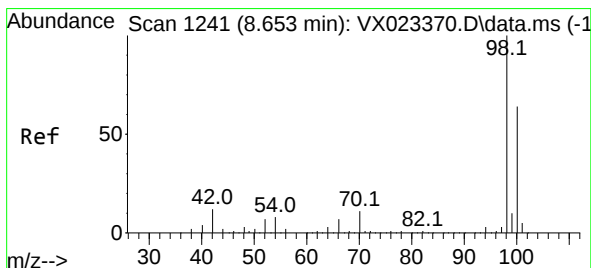
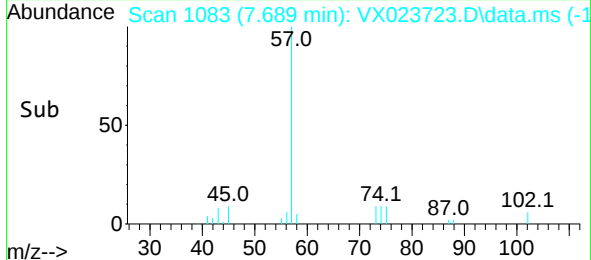
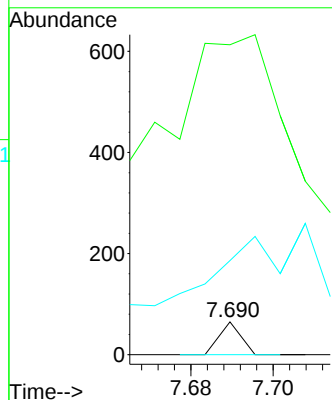
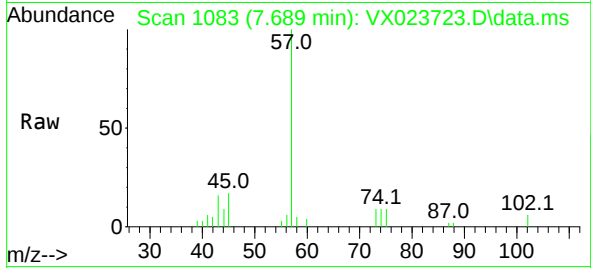




#49
1,4-Dioxane
Concen: 0.569 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.024 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

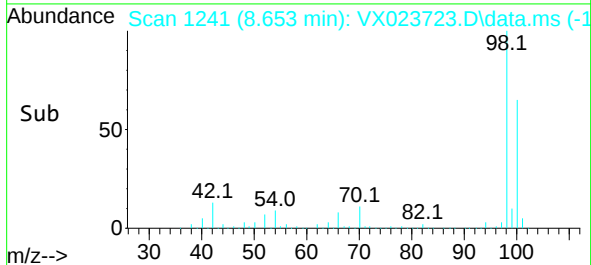
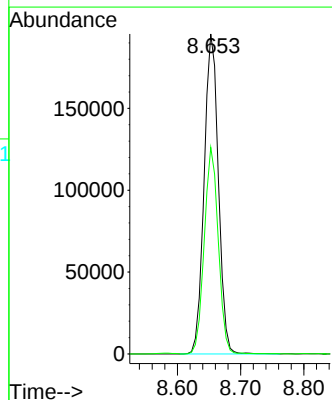
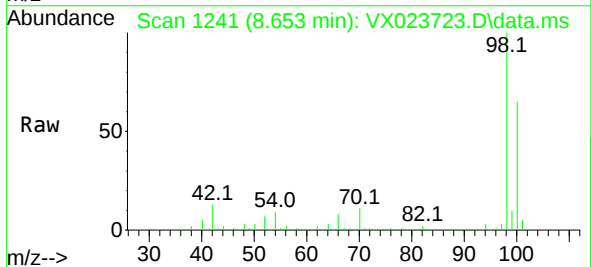
Instrument :
MSVOA_X
ClientSampled :

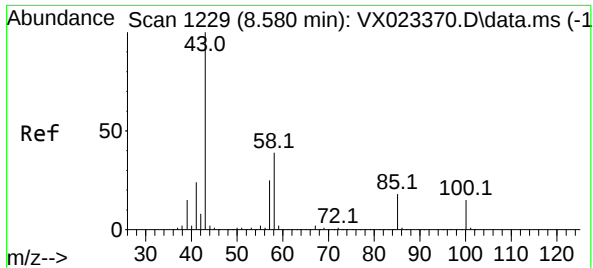
Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 1941.7 55.0 82.4#



#50
Toluene-d8
Concen: 55.209 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion: 98 Resp: 306759
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

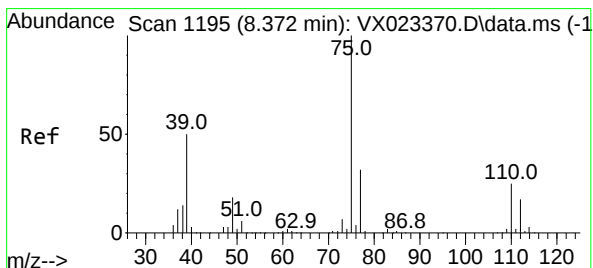
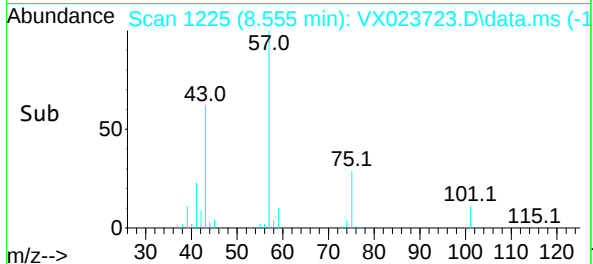
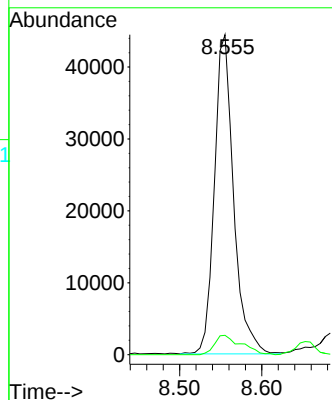
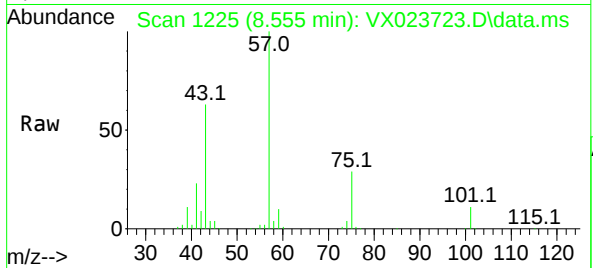




#51
4-Methyl-2-Pentanone
Concen: 27.585 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

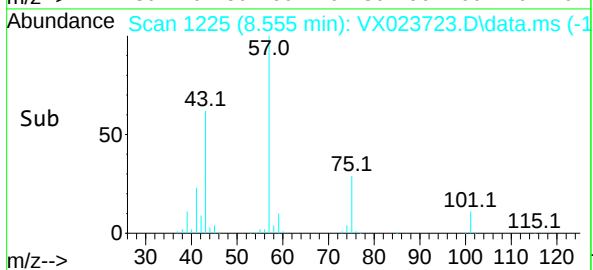
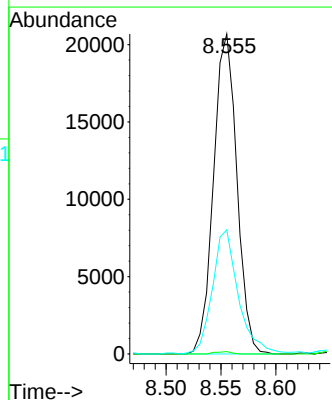
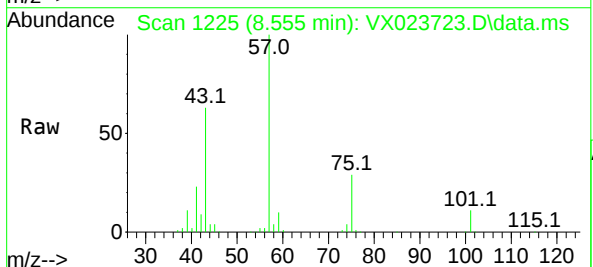
Instrument :
MSVOA_X
ClientSampled :

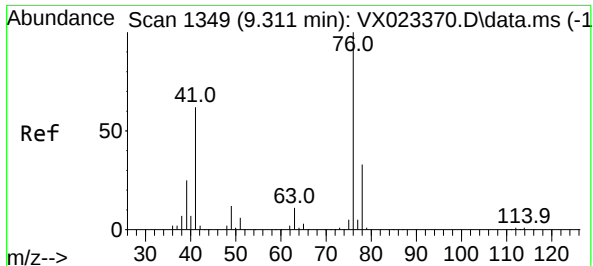
Tgt Ion: 43 Resp: 72128
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.702 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion: 75 Resp: 30603
Ion Ratio Lower Upper
75 100
77 0.8 25.7 38.5#
39 38.8 35.1 52.7



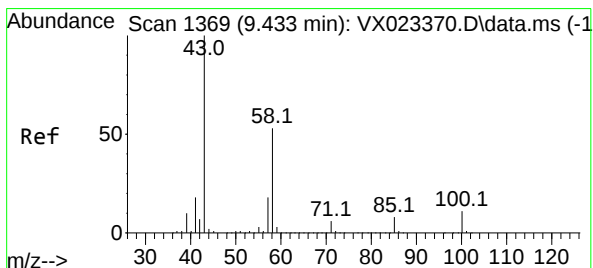
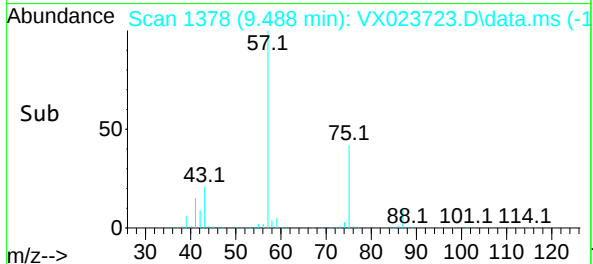
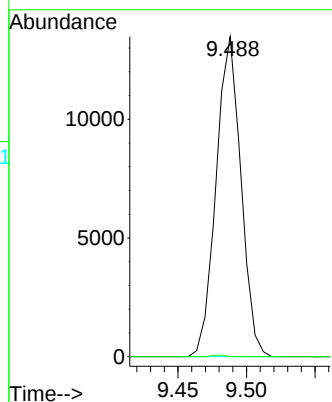
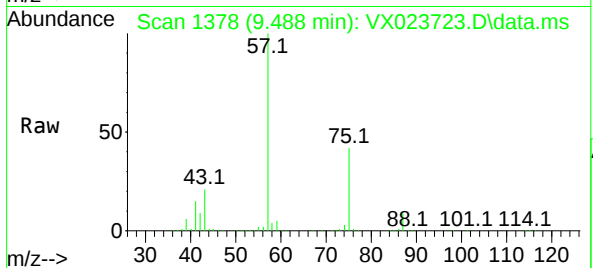


#57

1,3-Dichloropropane
Concen: 6.136 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Instrument :
MSVOA_X
ClientSampled :

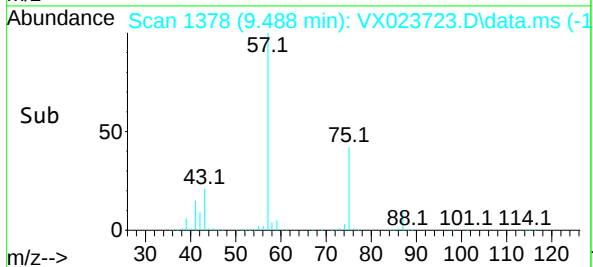
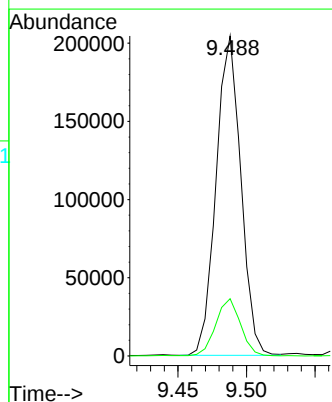
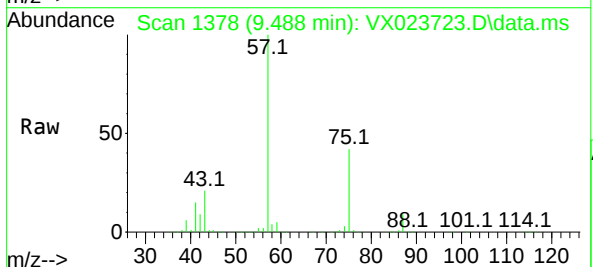
Tgt Ion: 76 Resp: 16968
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

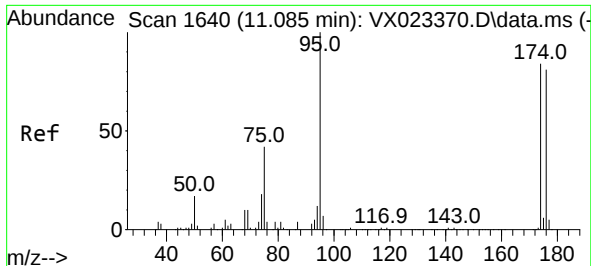


#59

2-Hexanone
Concen: 129.121 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion: 43 Resp: 256375
Ion Ratio Lower Upper
43 100
58 18.0 30.9 92.8#

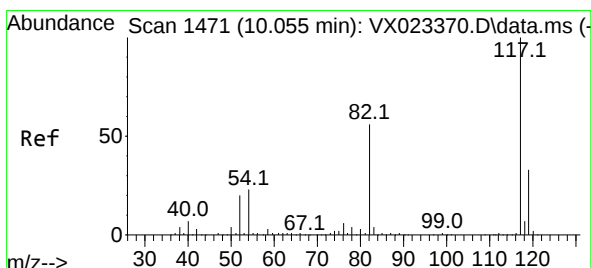
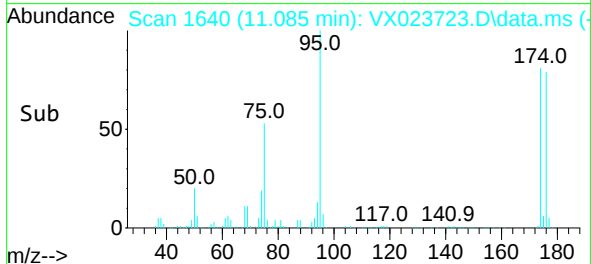
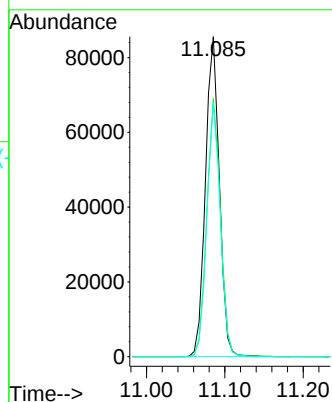
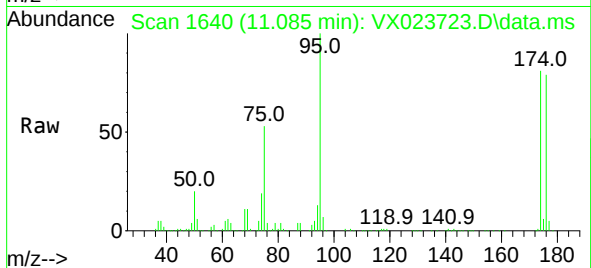




#62
4-Bromofluorobenzene
Concen: 55.820 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

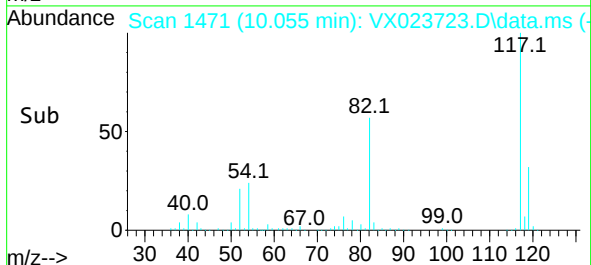
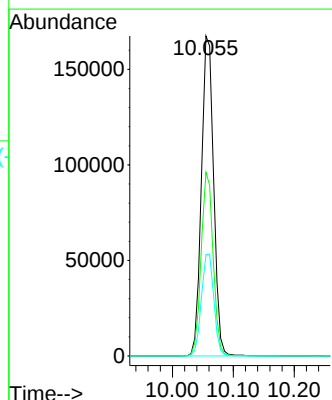
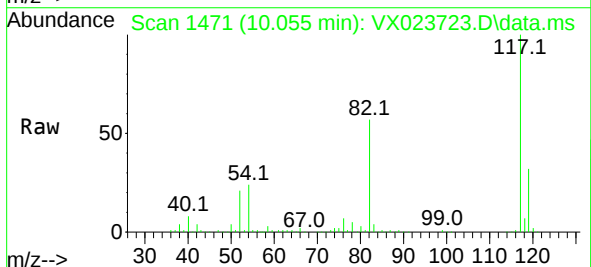
Instrument :
MSVOA_X
ClientSampleId :

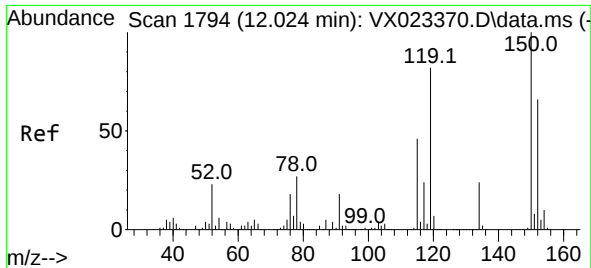
Tgt Ion: 95 Resp: 105465
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 76.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023723.D
Acq: 14 Aug 2021 05:11

Tgt Ion: 117 Resp: 233260
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.7 26.6 39.8

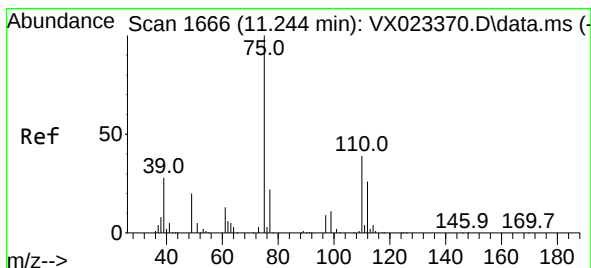
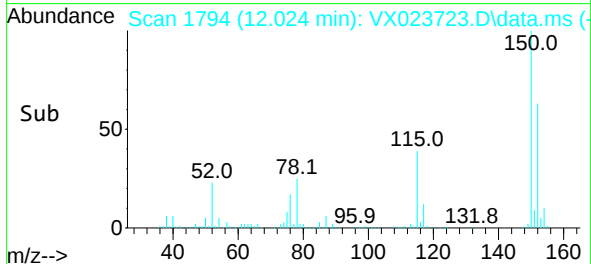
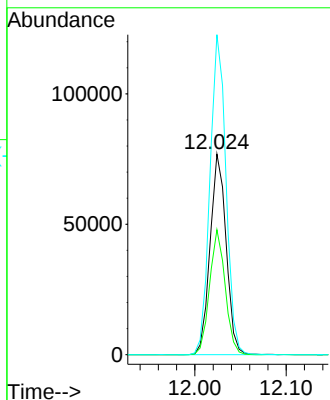
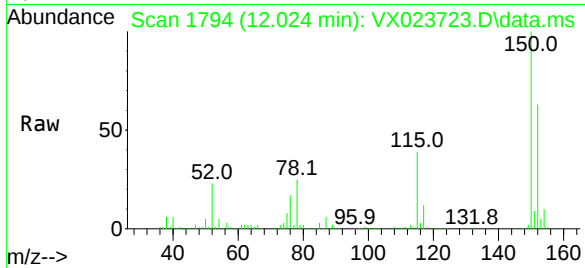




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023723.D
 Acq: 14 Aug 2021 05:11

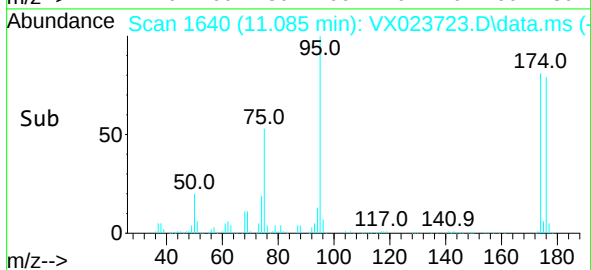
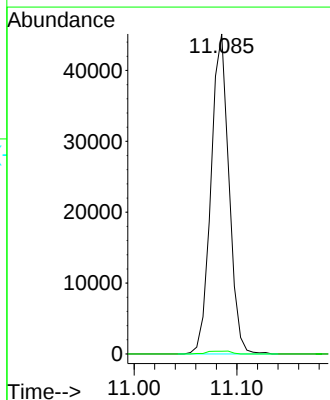
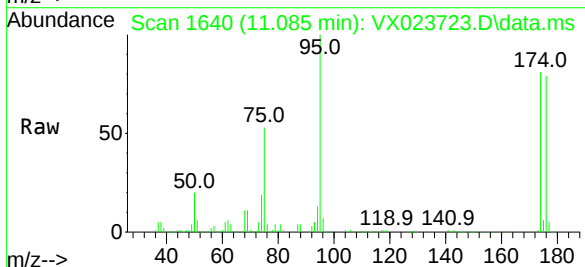
Instrument :
 MSVOA_X
 ClientSampled :

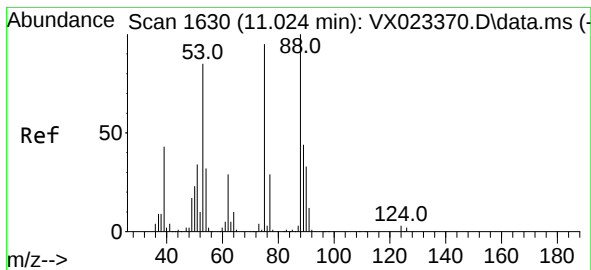
Tgt Ion:152 Resp: 93692
 Ion Ratio Lower Upper
 152 100
 115 60.4 41.1 123.3
 150 158.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.545 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023723.D
 Acq: 14 Aug 2021 05:11

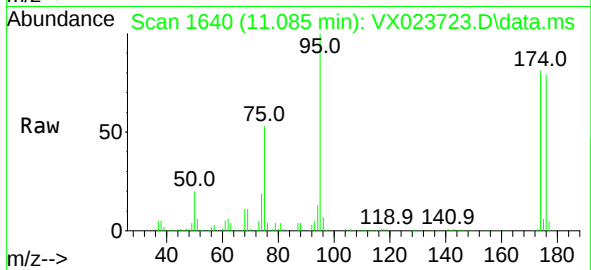
Tgt Ion: 75 Resp: 54730
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.377 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023723.D
 Acq: 14 Aug 2021 05:11

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	54730
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

