

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023276.D
 Acq On : 14 Jul 2021 14:01
 Operator : JC/MD
 Sample : PB137668ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 04:26:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

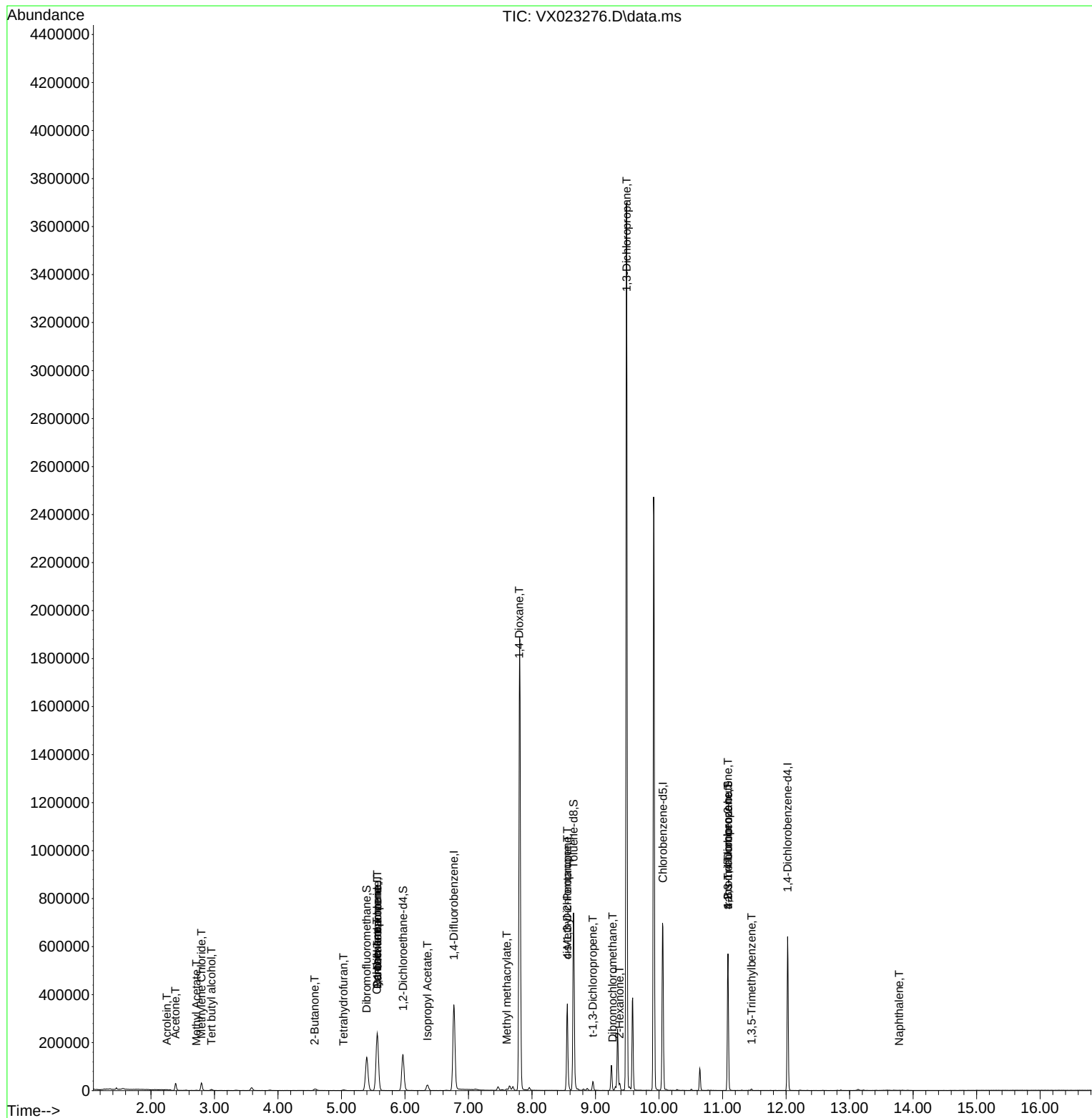
Internal Standards						
1) Pentafluorobenzene	5.562	168	221658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	321092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	152048	51.039	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.080%			
35) Dibromofluoromethane	5.397	113	116955	49.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%			
50) Toluene-d8	8.653	98	430998	49.309	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.620%			
62) 4-Bromofluorobenzene	11.085	95	150474	44.592	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.180%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	297	Below Cal	#	69
11) Tert butyl alcohol	2.952	59	3033	4.839	ug/l #	73
13) Acrolein	2.251	56	200	0.479	ug/l #	61
16) Acetone	2.385	43	31081	26.371	ug/l #	85
18) Methyl Acetate	2.715	43	1743	0.609	ug/l #	86
20) Methylene Chloride	2.794	84	14261	5.620	ug/l #	94
25) 2-Butanone	4.574	43	5922	3.332	ug/l	99
29) Tetrahydrofuran	5.031	42	2457	2.151	ug/l #	86
31) Cyclohexane	5.556	56	4658	1.306	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16464	5.090	ug/l #	51
38) Carbon Tetrachloride	5.562	117	22463	6.653	ug/l #	15
43) Isopropyl Acetate	6.354	43	32037	5.458	ug/l	96
48) Methyl methacrylate	7.604	41	8194	2.845	ug/l #	10
49) 1,4-Dioxane	7.799	88	267	4.119	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	120506	33.131	ug/l #	45
53) t-1,3-Dichloropropene	8.957	75	129	2.767	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	54985	14.673	ug/l #	64
57) 1,3-Dichloropropane	9.488	76	31790	7.535	ug/l #	43
59) 2-Hexanone	9.378	43	12870	4.612	ug/l #	19
60) Dibromochloromethane	9.268	129	40	3.126	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	77532	29.145	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2899	0.362	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	77532	78.390	ug/l #	12
95) Naphthalene	13.780	128	473	1.322	ug/l #	85

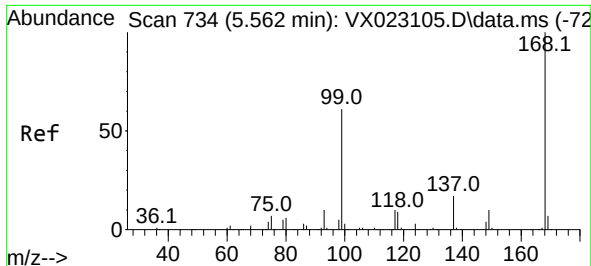
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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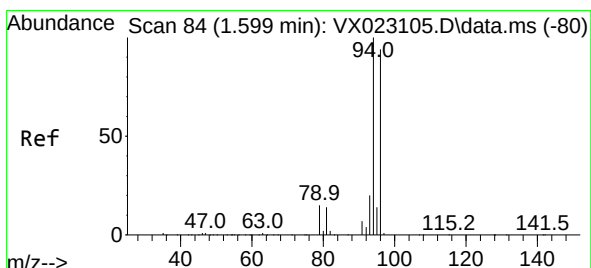
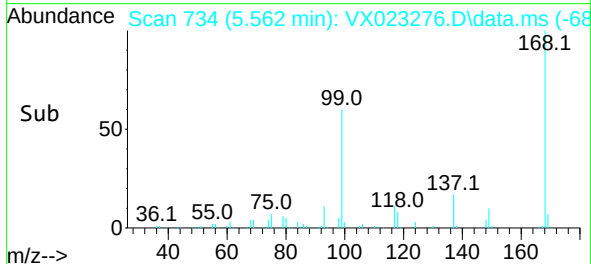
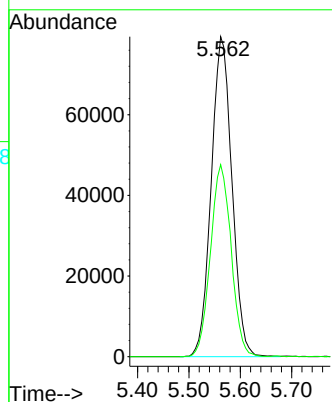
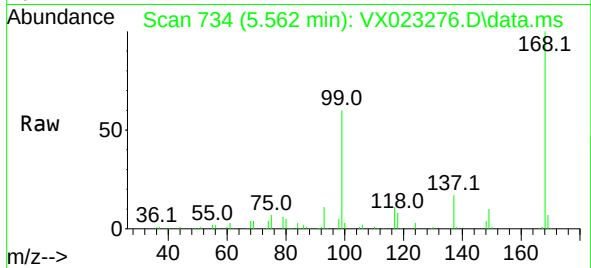




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

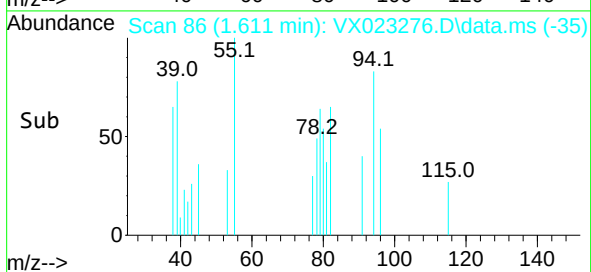
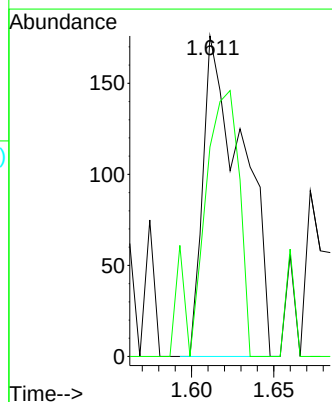
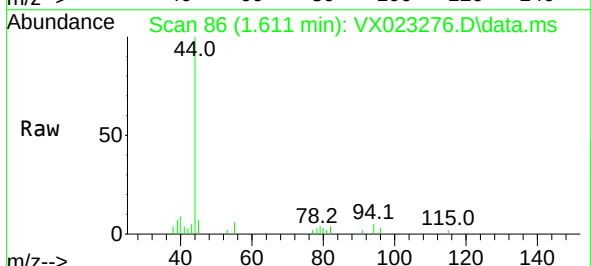
Instrument :
MSVOA_X
ClientSampleId :

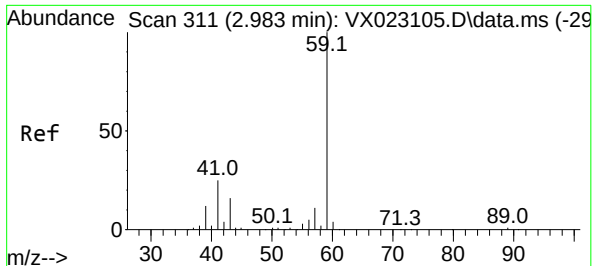
Tgt Ion:168 Resp: 221658
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 65.3 76.4 114.6#



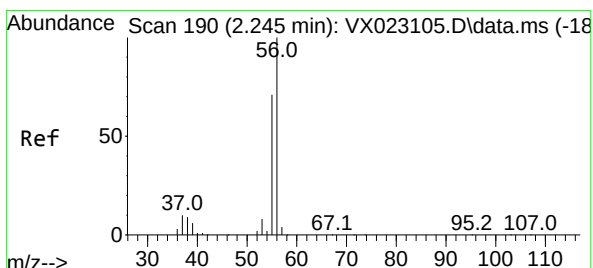
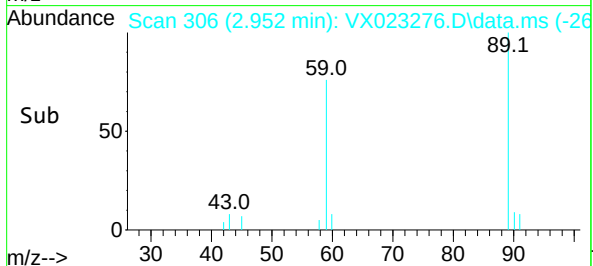
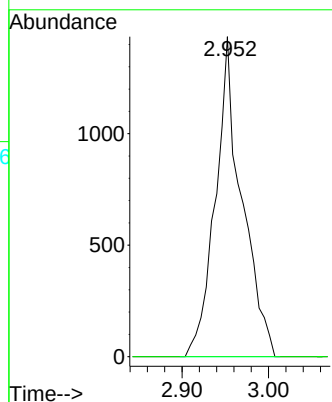
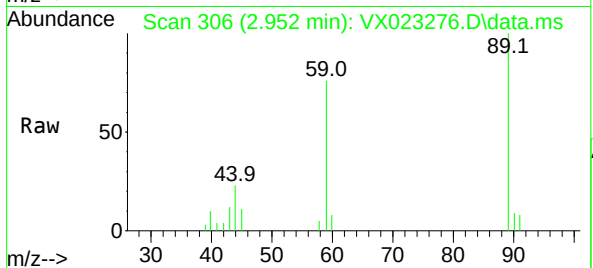


#11

Tert butyl alcohol
Concen: 4.839 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Instrument :
MSVOA_X
ClientSampled :

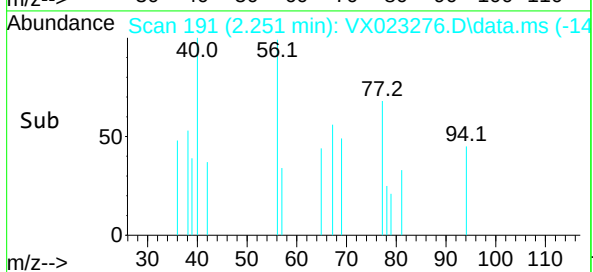
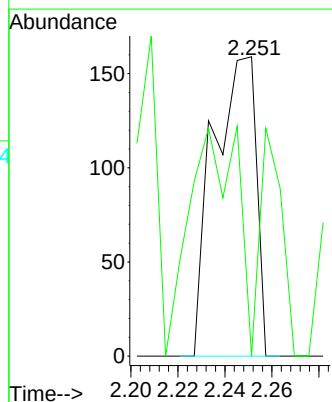
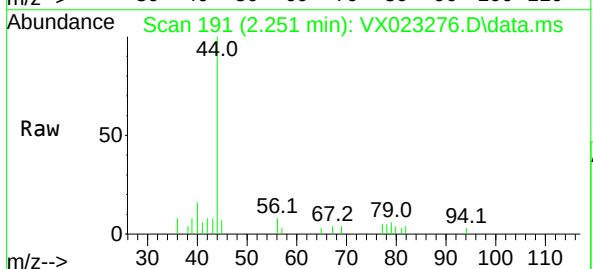
Tgt Ion: 59 Resp: 3033
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

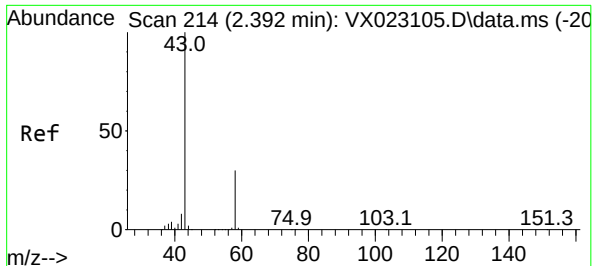


#13

Acrolein
Concen: 0.479 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion: 56 Resp: 200
Ion Ratio Lower Upper
56 100
55 38.5 56.4 84.6#

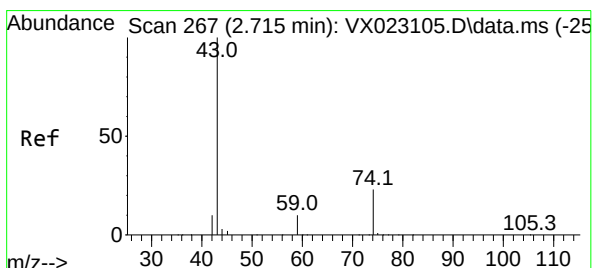
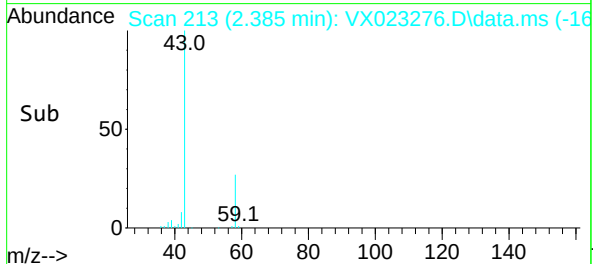
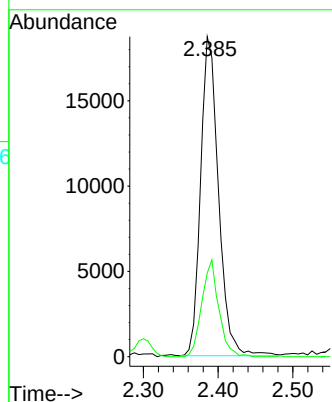
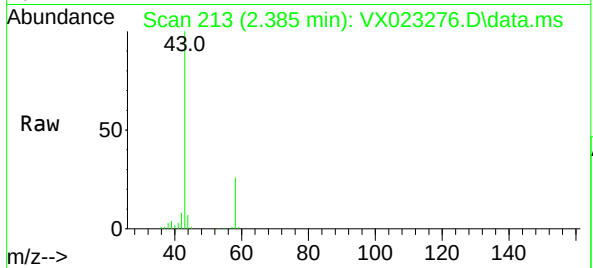




#16
Acetone
Concen: 26.371 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

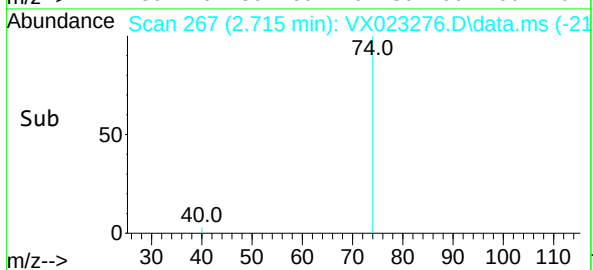
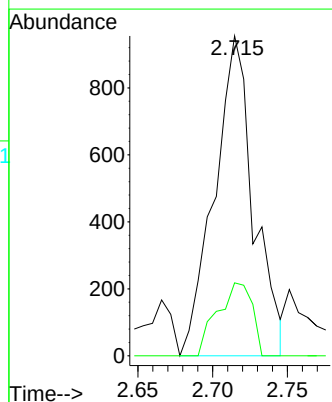
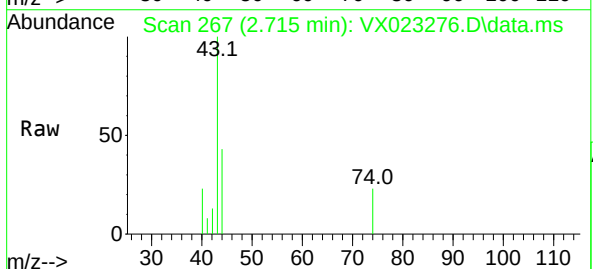
Instrument :
MSVOA_X
ClientSampled :

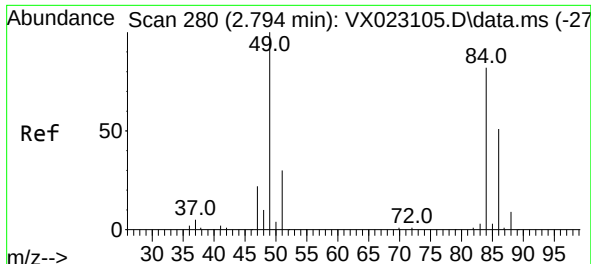
Tgt Ion: 43 Resp: 31081
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#



#18
Methyl Acetate
Concen: 0.609 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

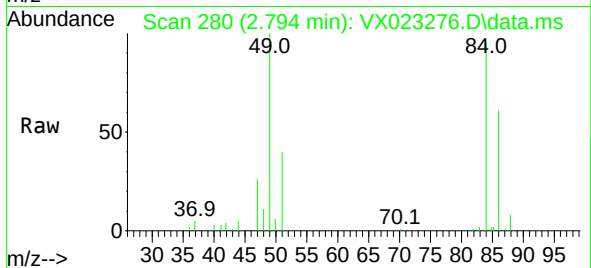
Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
74 20.1 21.9 32.9#



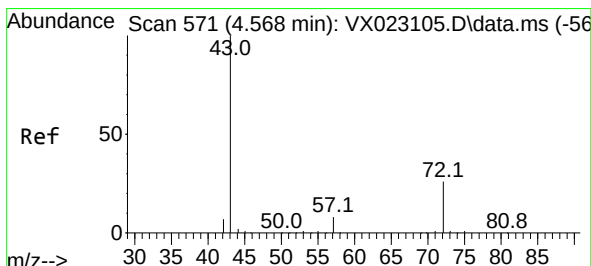
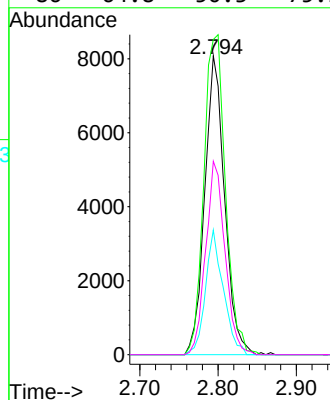
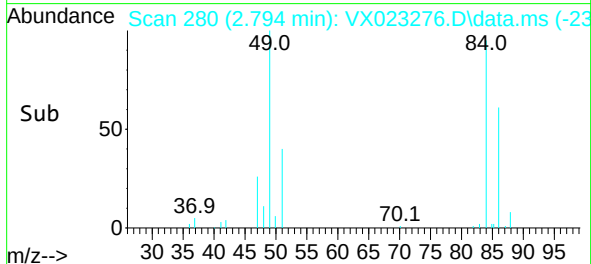


#20
Methylene Chloride
Concen: 5.620 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

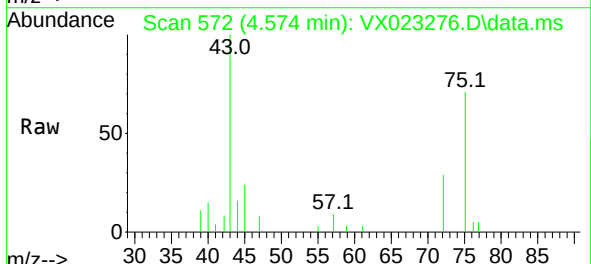
Instrument :
MSVOA_X
ClientSampleId :



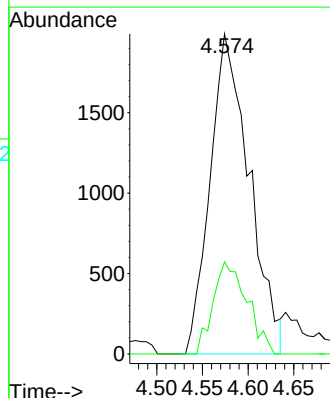
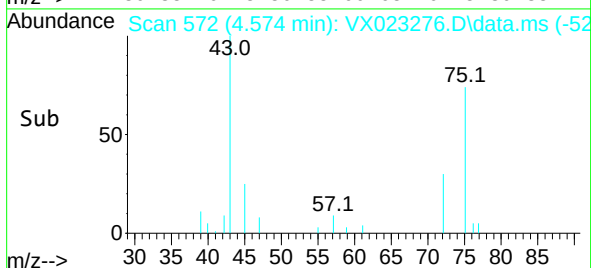
Tgt Ion:	84	Resp:	14261
Ion	Ratio	Lower	Upper
84	100		
49	105.5	88.6	132.8
51	41.7	27.0	40.6#
86	64.8	50.3	75.5

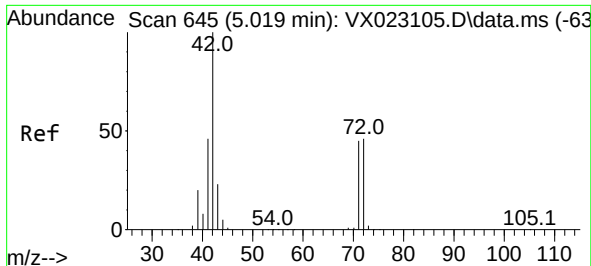


#25
2-Butanone
Concen: 3.332 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01



Tgt Ion:	43	Resp:	5922
Ion	Ratio	Lower	Upper
43	100		
72	28.8	23.7	35.5





#29

Tetrahydrofuran

Concen: 2.151 ug/l

RT: 5.031 min Scan# 647

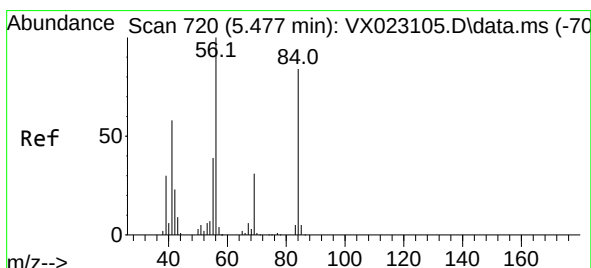
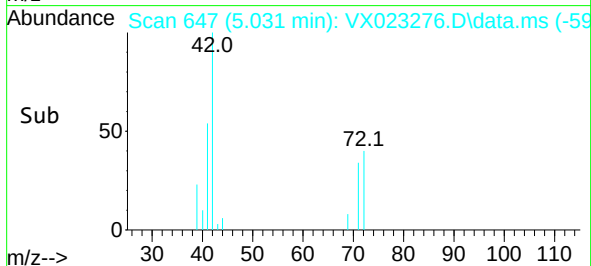
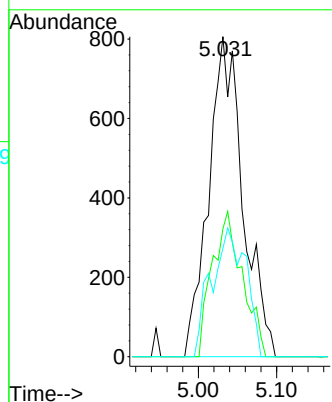
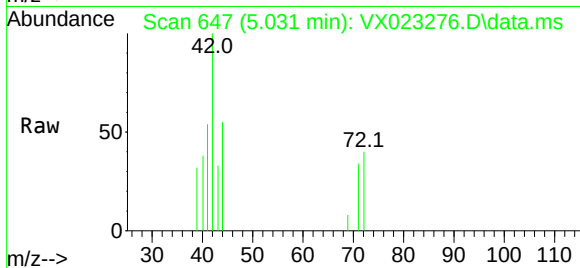
Delta R.T. 0.012 min

Lab File: VX023276.D

Acq: 14 Jul 2021 14:01

Tgt Ion:	42	Resp:	2457
Ion	Ratio	Lower	Upper
42	100		
72	39.9	41.7	62.5#
71	40.4	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.306 ug/l

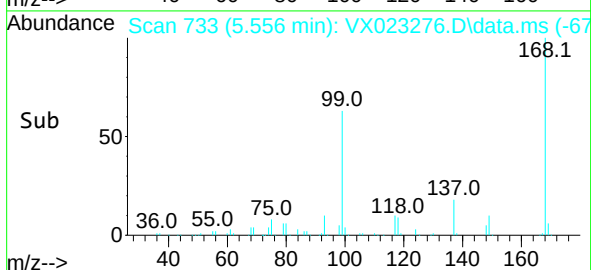
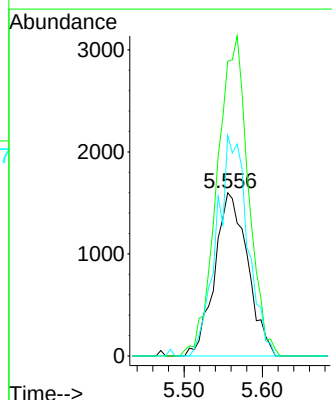
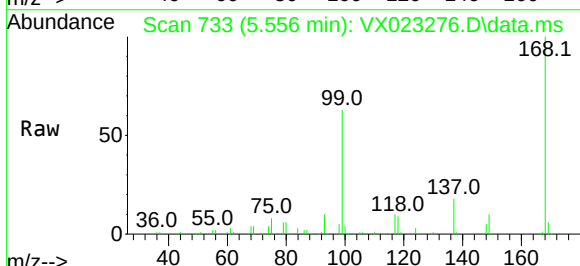
RT: 5.556 min Scan# 733

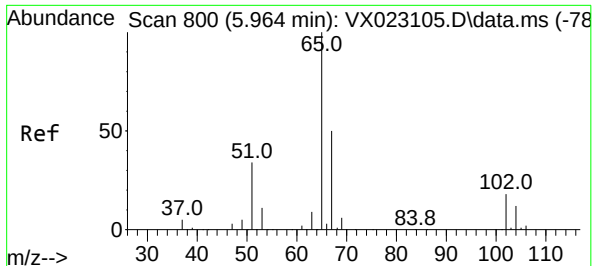
Delta R.T. 0.079 min

Lab File: VX023276.D

Acq: 14 Jul 2021 14:01

Tgt Ion:	56	Resp:	4658
Ion	Ratio	Lower	Upper
56	100		
69	180.6	25.3	37.9#
84	135.0	71.4	107.0#

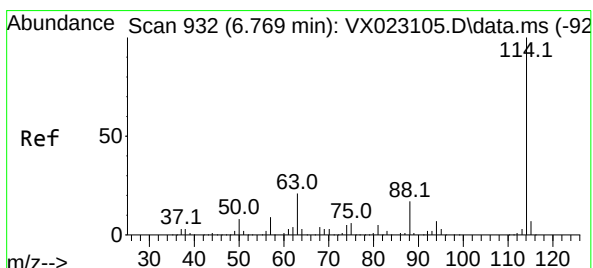
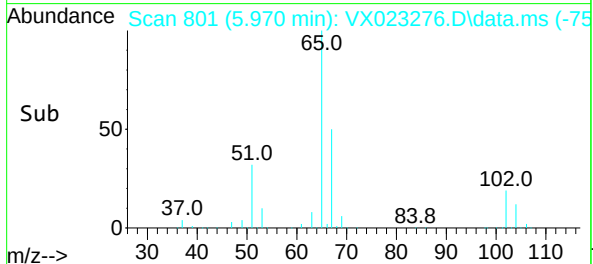
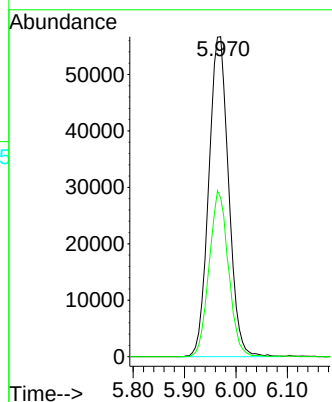
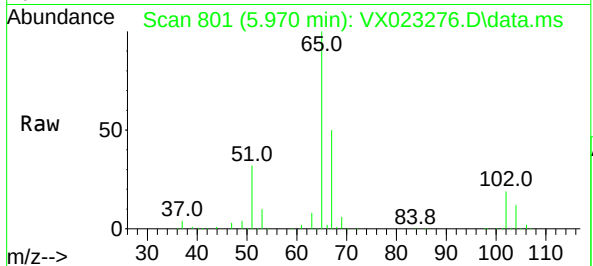




#33
1,2-Dichloroethane-d4
Concen: 51.039 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

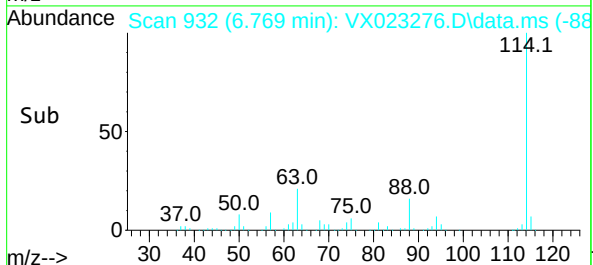
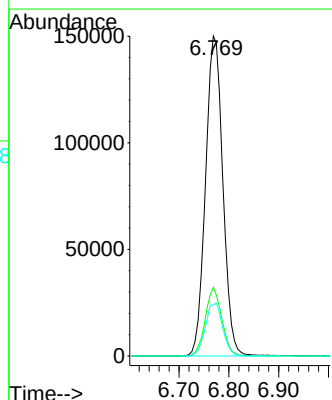
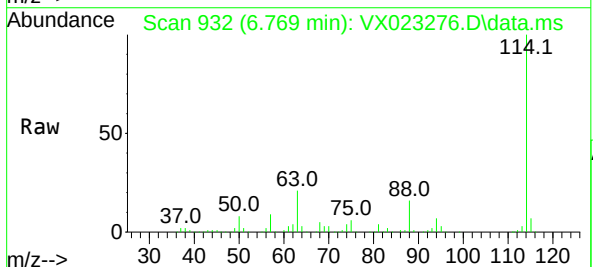
Instrument :
MSVOA_X
ClientSampleId :

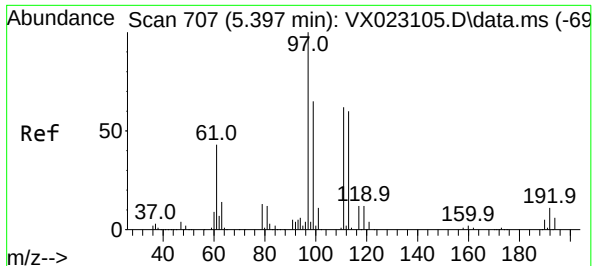
Tgt Ion: 65 Resp: 152048
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion: 114 Resp: 362865
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.0 0.0 32.8

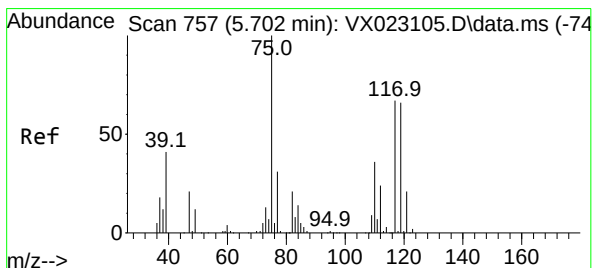
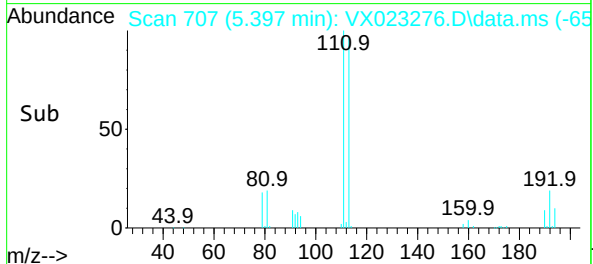
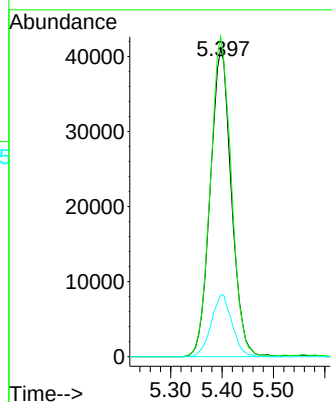
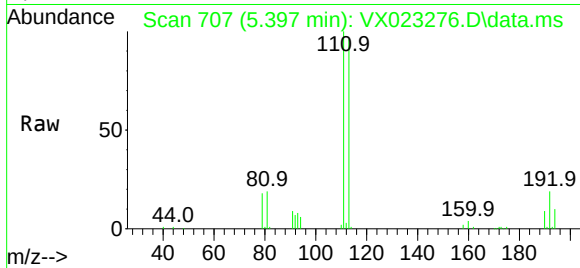




#35
Dibromofluoromethane
Concen: 49.912 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

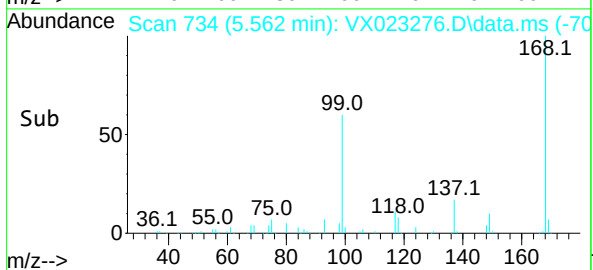
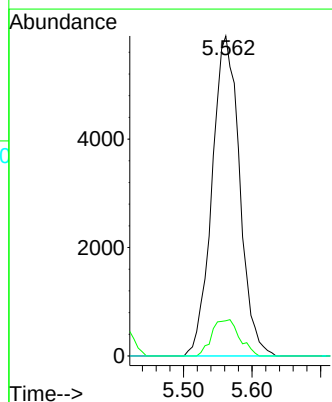
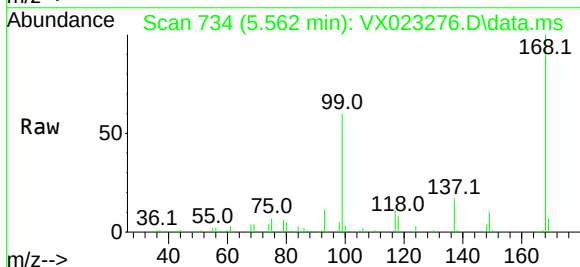
Instrument :
MSVOA_X
ClientSampleId :

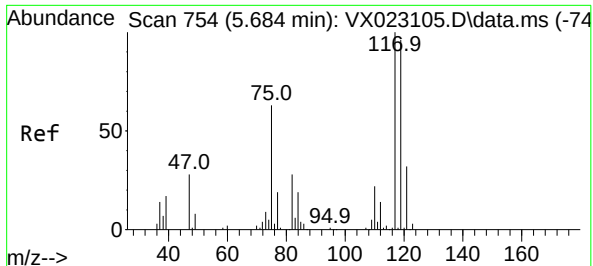
Tgt Ion:113 Resp: 116955
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

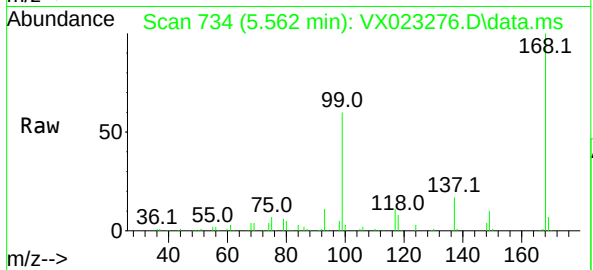
Tgt Ion: 75 Resp: 16464
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.4#
77 0.0 25.3 37.9#



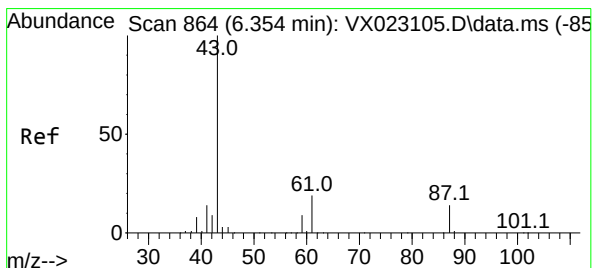
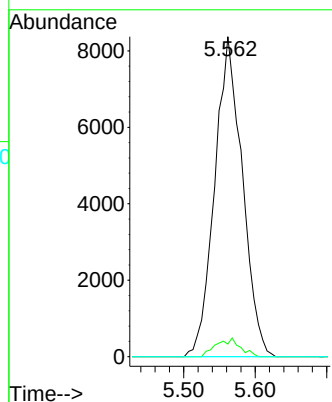
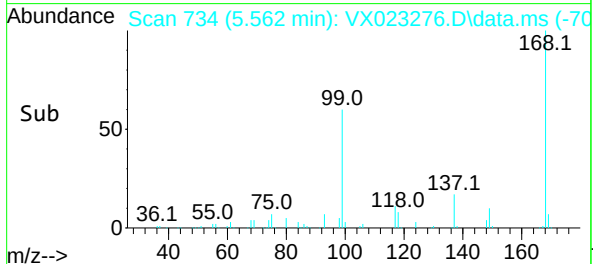


#38
Carbon Tetrachloride
Concen: 6.653 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

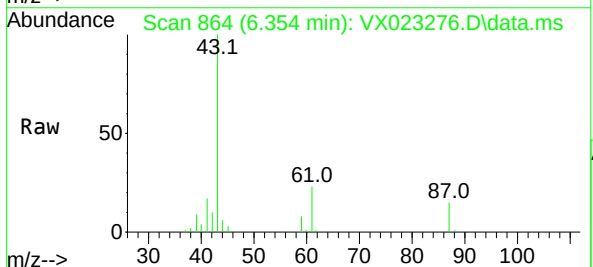
Instrument :
MSVOA_X
ClientSampleId :



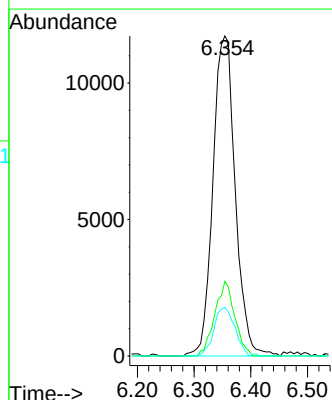
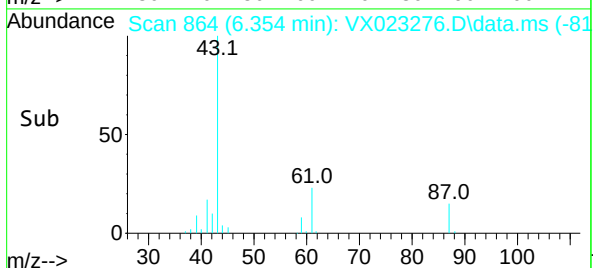
Tgt Ion:117 Resp: 22463
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

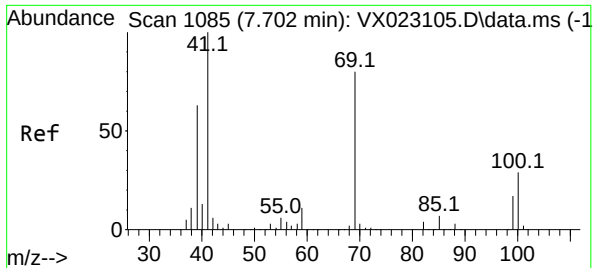


#43
Isopropyl Acetate
Concen: 5.458 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01



Tgt Ion: 43 Resp: 32037
Ion Ratio Lower Upper
43 100
61 20.8 18.2 27.4
87 14.3 12.5 18.7

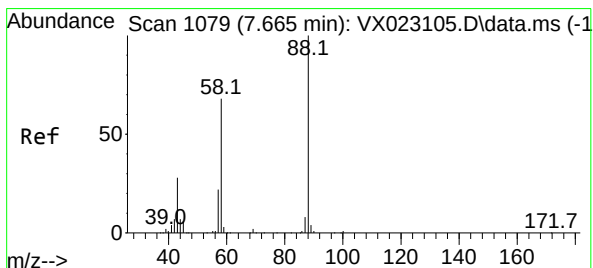
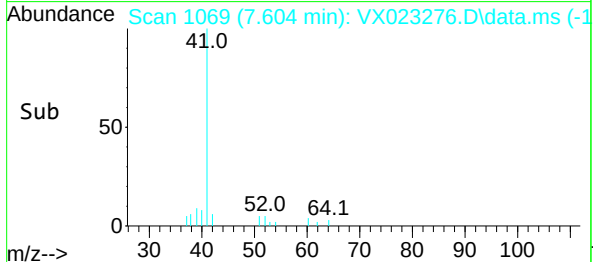
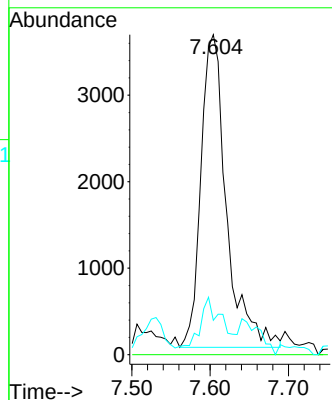
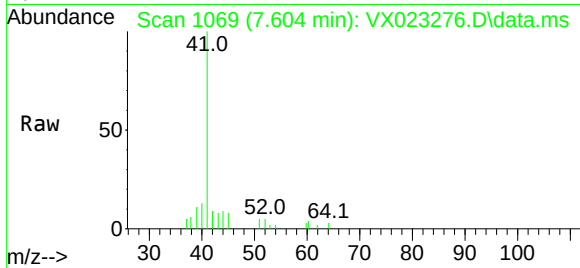




#48
Methyl methacrylate
Concen: 2.845 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

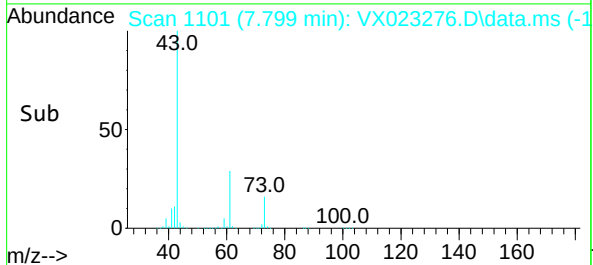
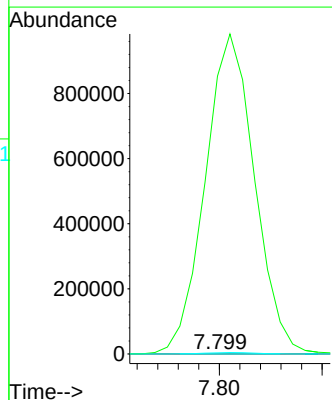
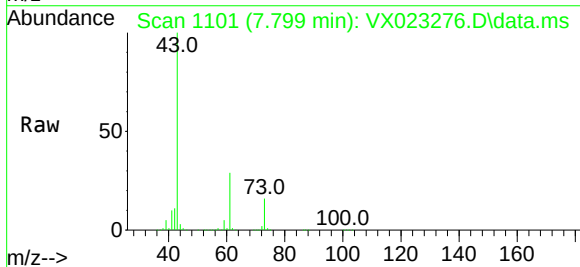
Instrument :
MSVOA_X
ClientSampleId :

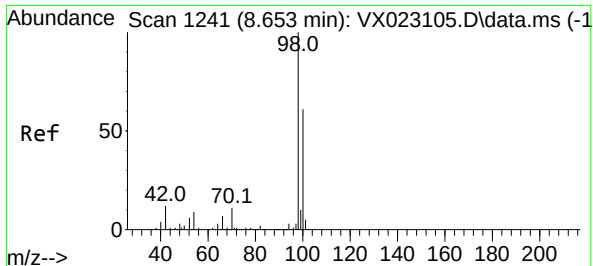
Tgt Ion: 41 Resp: 8194
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 4.119 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion: 88 Resp: 267
Ion Ratio Lower Upper
88 100
43 617724.0 23.2 34.8#
58 2730.7 55.0 82.4#

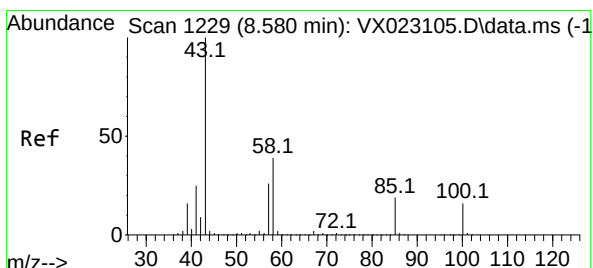
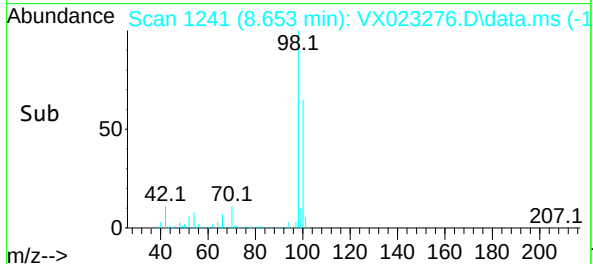
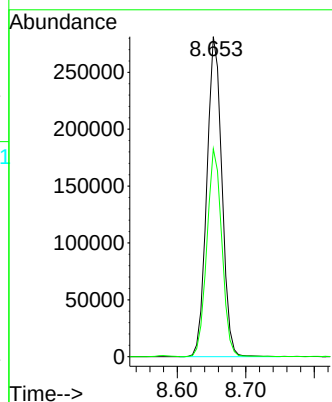
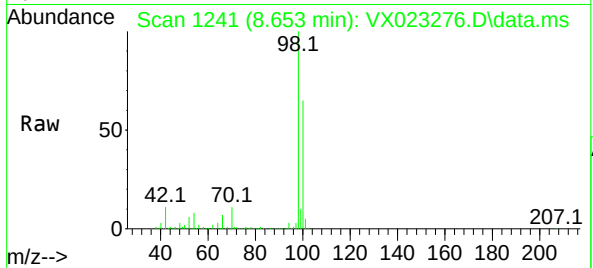




#50
Toluene-d8
Concen: 49.309 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

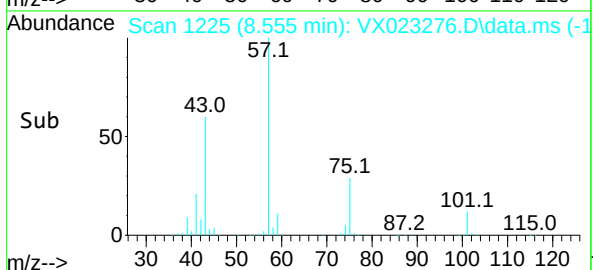
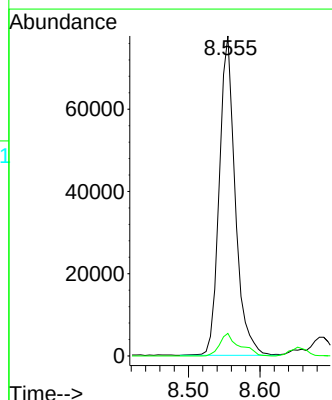
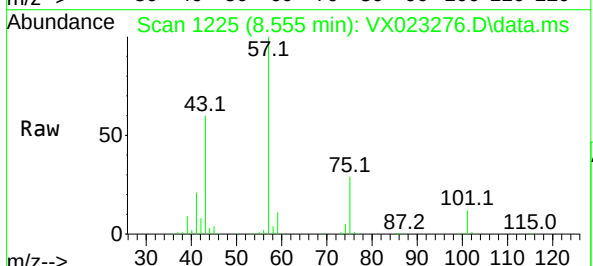
Instrument :
MSVOA_X
ClientSampled :

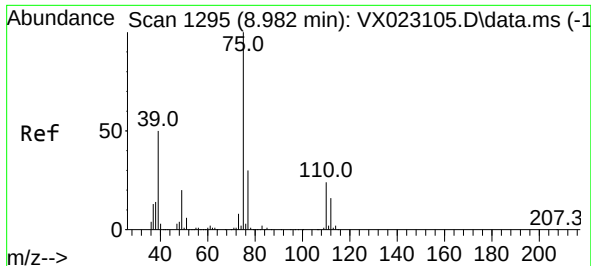
Tgt Ion: 98 Resp: 430998
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 33.131 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion: 43 Resp: 120506
Ion Ratio Lower Upper
43 100
58 8.7 35.4 53.0#

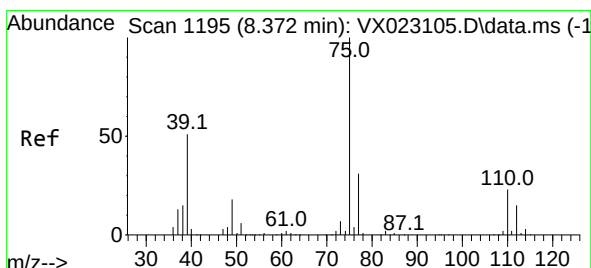
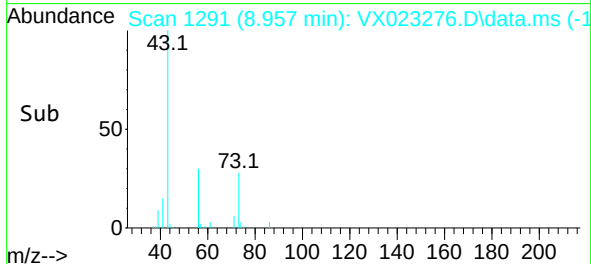
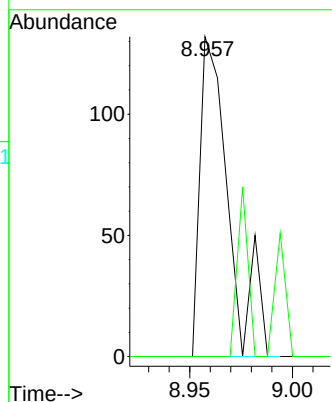
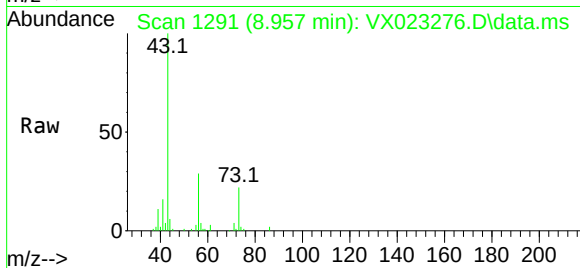




#53
t-1,3-Dichloropropene
Concen: 2.767 ug/l
RT: 8.957 min Scan# 1291
Delta R.T. -0.025 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

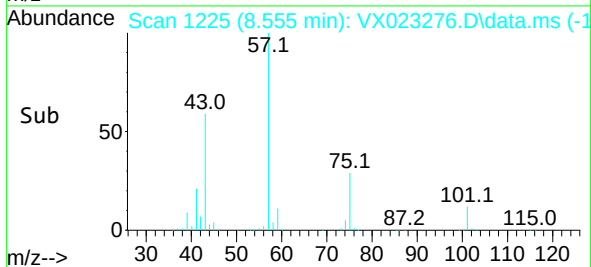
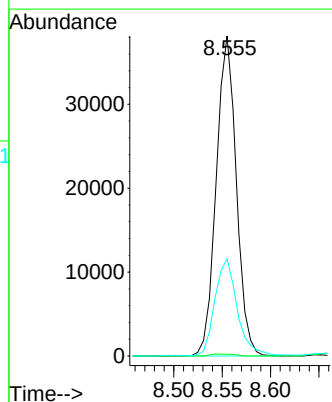
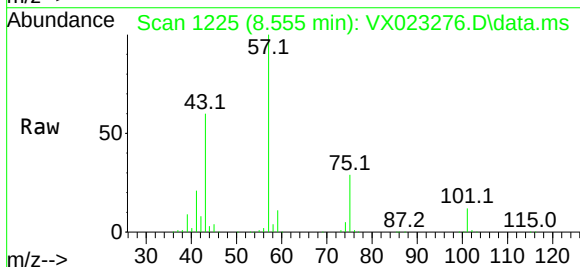
Instrument :
MSVOA_X
ClientSampled :

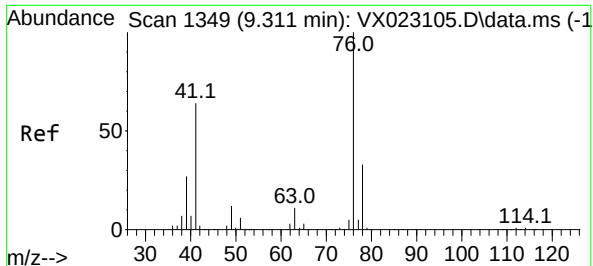
Tgt Ion: 75 Resp: 129
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 14.673 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion: 75 Resp: 54985
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 30.2 35.1 52.7#





#57

1,3-Dichloropropane

Concen: 7.535 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX023276.D

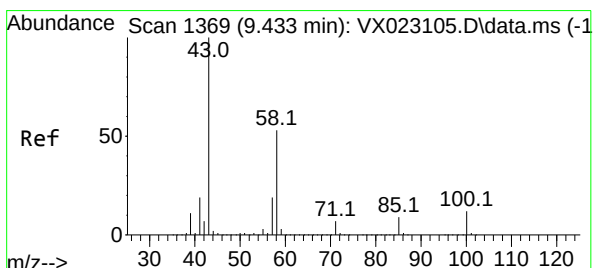
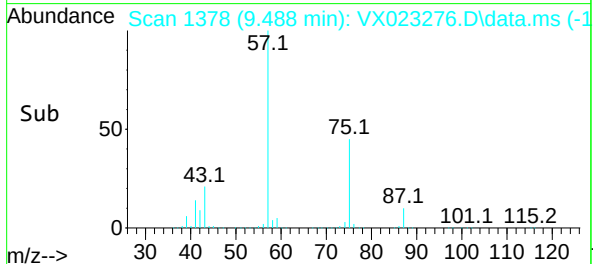
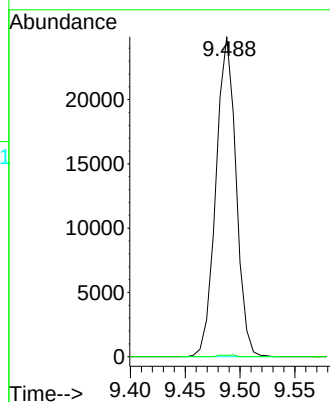
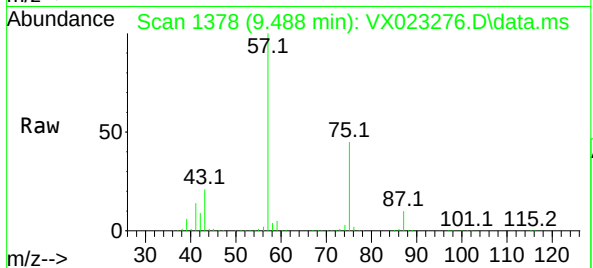
Acq: 14 Jul 2021 14:01

Tgt Ion: 76 Resp: 31790

Ion Ratio Lower Upper

76 100

78 0.4 26.2 39.2#



#59

2-Hexanone

Concen: 4.612 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX023276.D

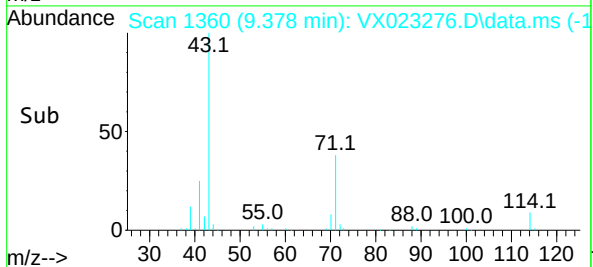
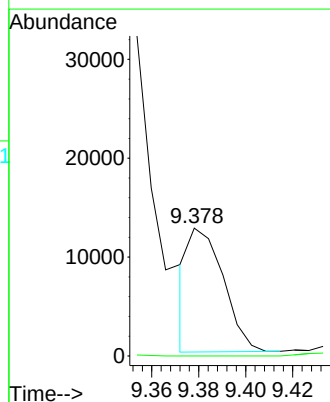
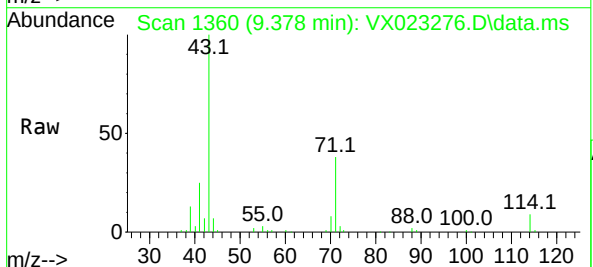
Acq: 14 Jul 2021 14:01

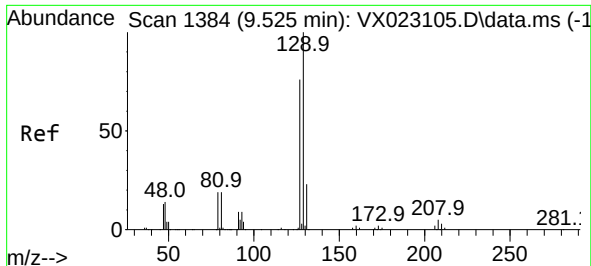
Tgt Ion: 43 Resp: 12870

Ion Ratio Lower Upper

43 100

58 0.0 30.9 92.8#

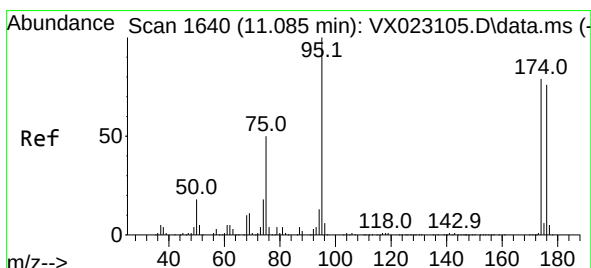
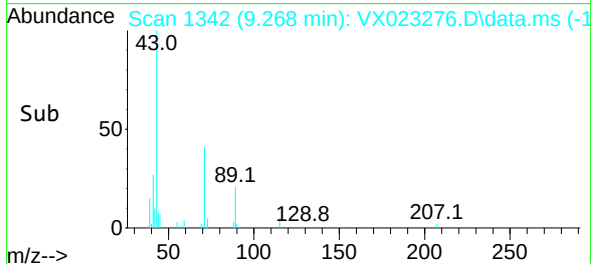
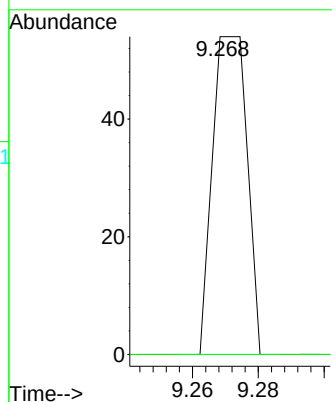
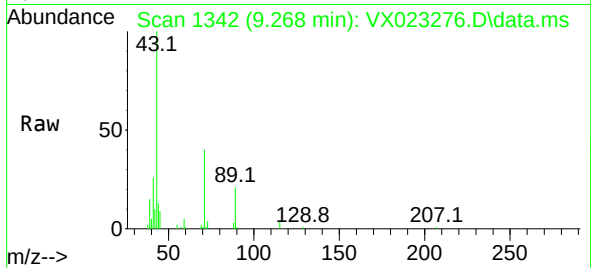




#60
Dibromochloromethane
Concen: 3.126 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.257 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

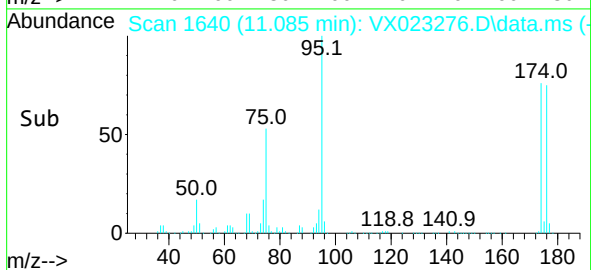
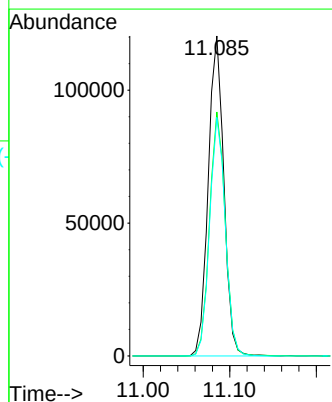
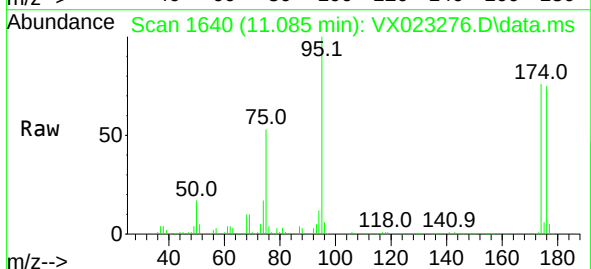
Instrument :
MSVOA_X
ClientSampleId :

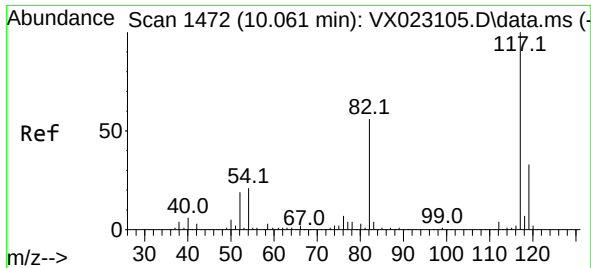
Tgt Ion:129 Resp: 40
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.592 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion: 95 Resp: 150474
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 74.8 0.0 155.8

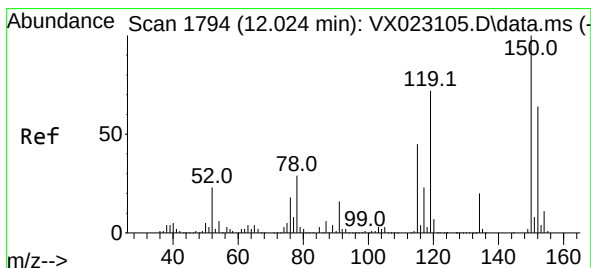
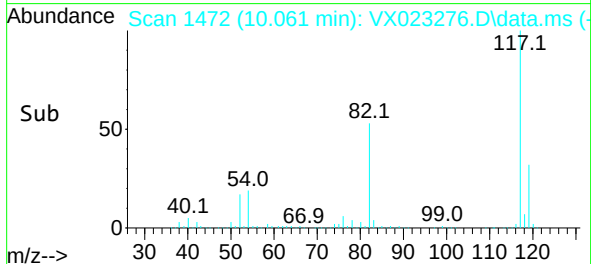
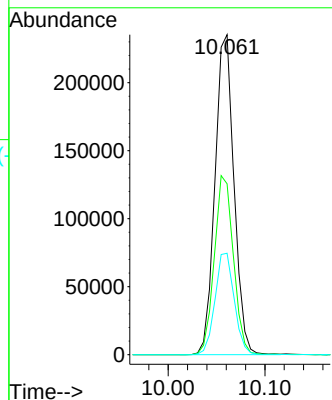
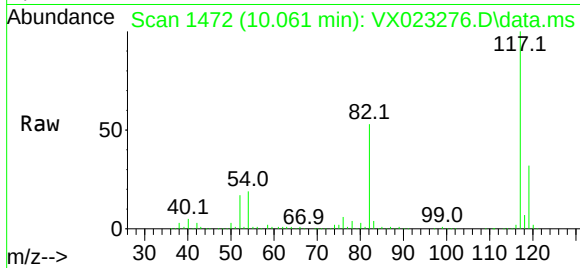




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

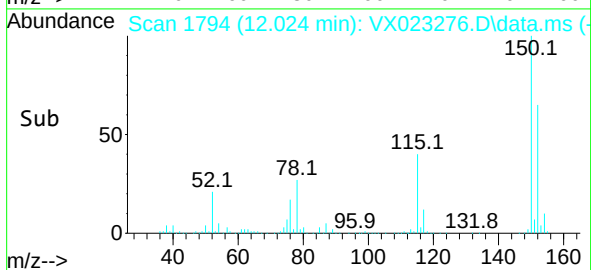
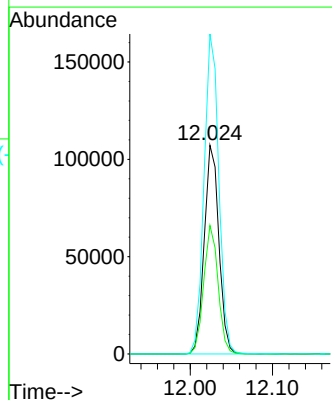
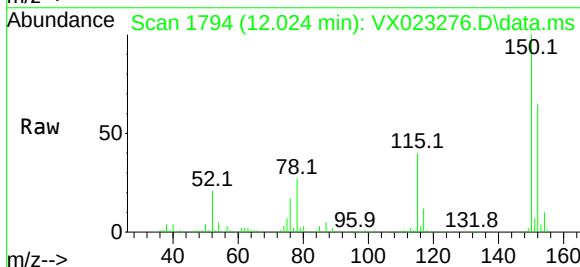
Instrument :
MSVOA_X
ClientSampled :

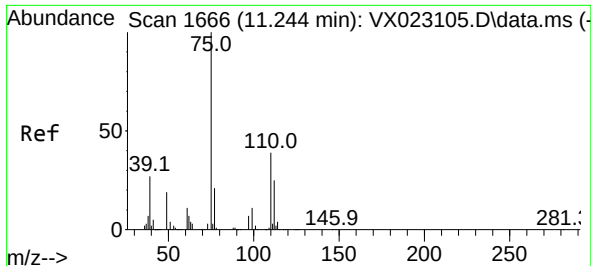
Tgt Ion:117 Resp: 321092
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion:152 Resp: 132196
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 155.1 0.0 349.0

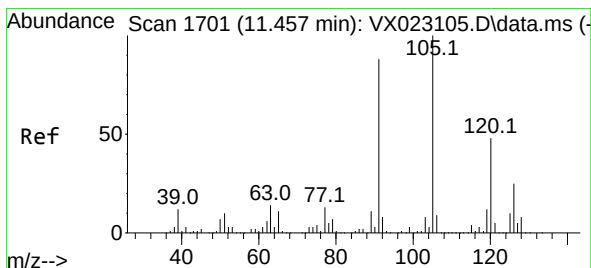
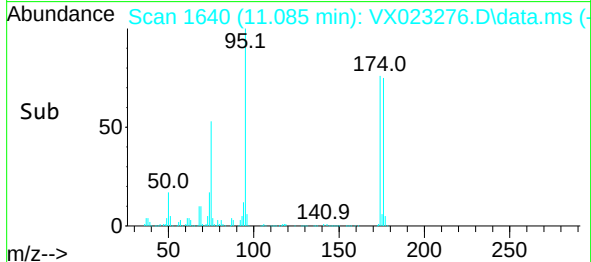
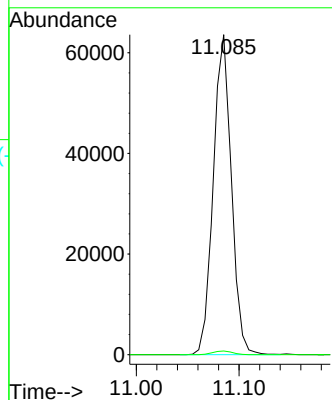
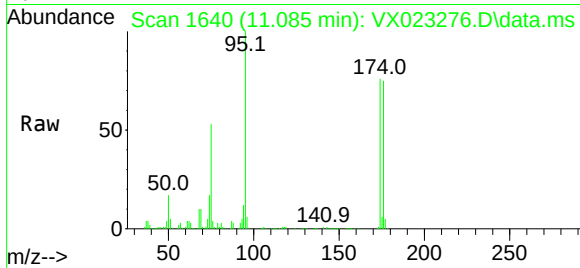




#76
1,2,3-Trichloropropane
Concen: 29.145 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

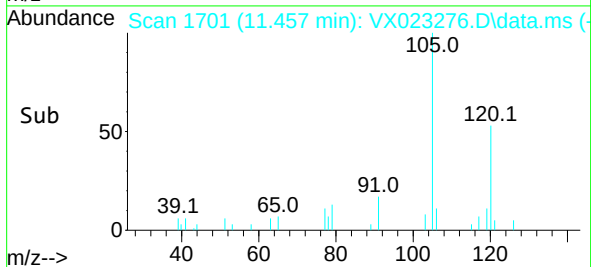
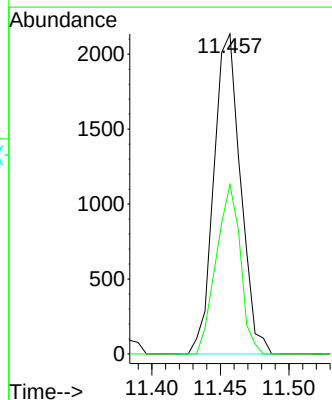
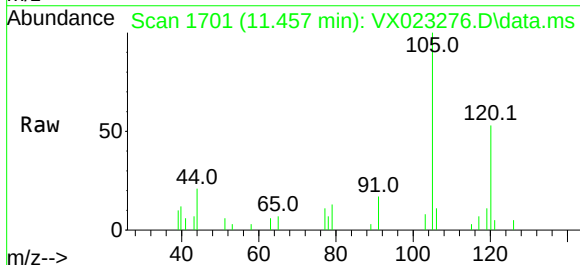
Instrument :
MSVOA_X
ClientSampled :

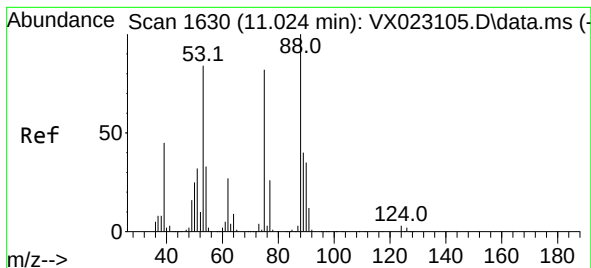
Tgt Ion: 75 Resp: 77532
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.362 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion: 105 Resp: 2899
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5

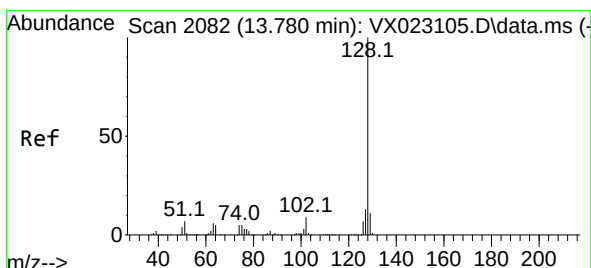
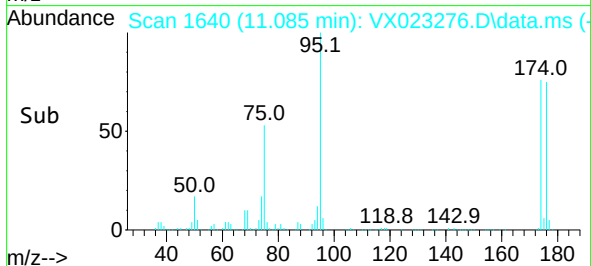
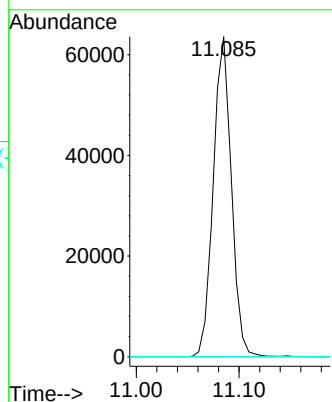
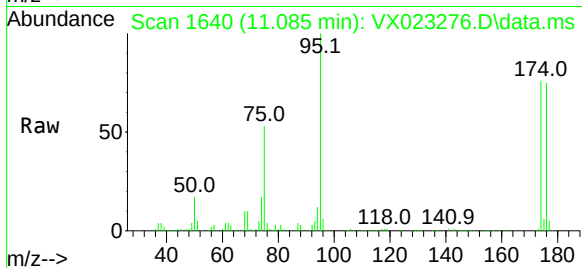




#81
trans-1,4-Dichloro-2-butene
Concen: 78.390 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 77532
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.322 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023276.D
Acq: 14 Jul 2021 14:01

Tgt Ion:128 Resp: 473
Ion Ratio Lower Upper
128 100
127 8.0 10.3 15.5#
129 4.2 8.8 13.2#

