

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023716.D
 Acq On : 14 Aug 2021 02:26
 Operator : JC/MD
 Sample : M3394-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 05:35:16 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)

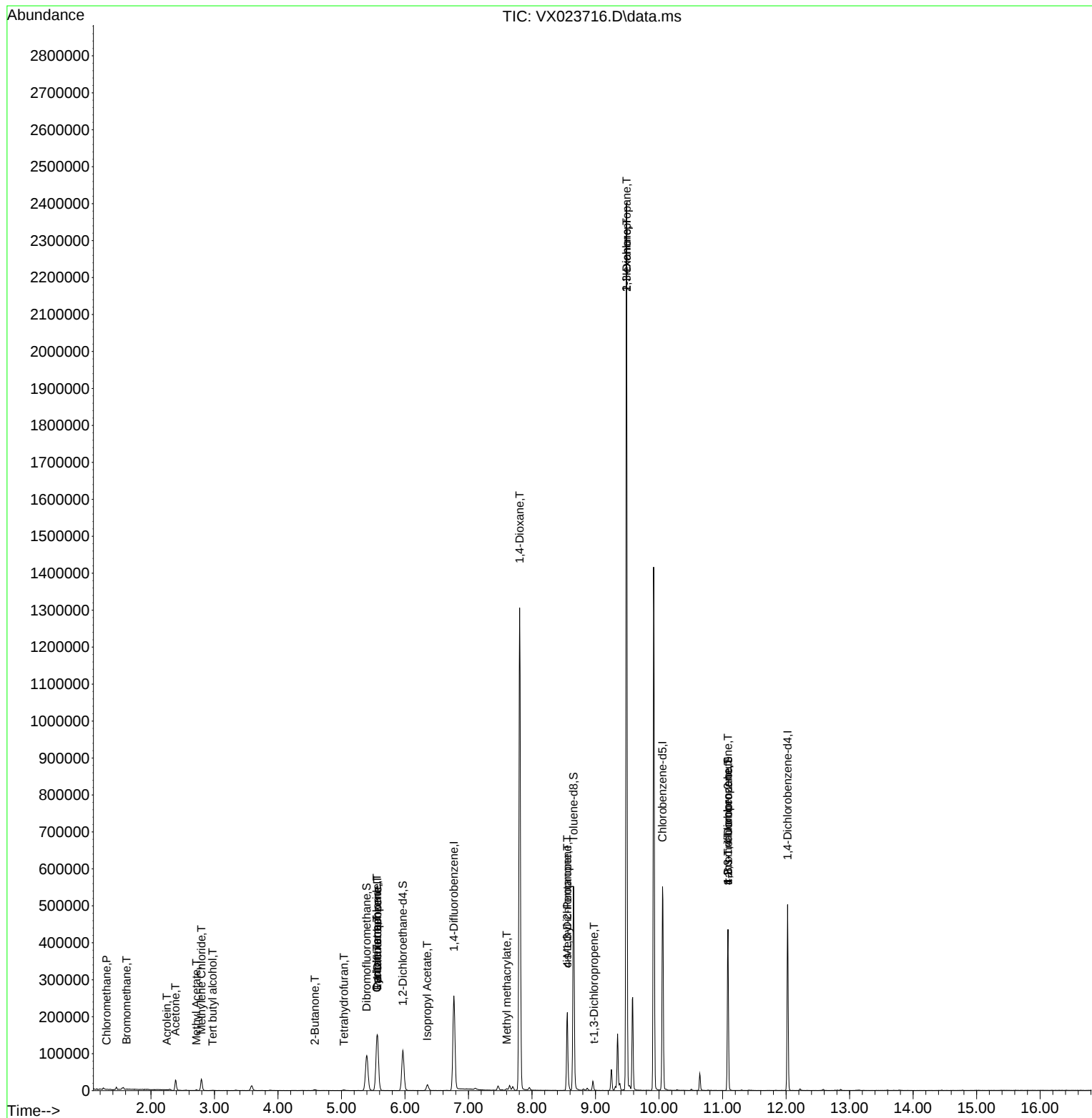
Internal Standards						
1) Pentafluorobenzene	5.562	168	145005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249655	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103893	57.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.880%	
35) Dibromofluoromethane	5.397	113	80785	51.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.500%	
50) Toluene-d8	8.653	98	314363	54.815	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	11.085	95	105604	54.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	344	0.221	ug/l	93
5) Bromomethane	1.618	94	544	0.582	ug/l	92
11) Tert butyl alcohol	2.971	59	728	1.762	ug/l #	73
13) Acrolein	2.252	56	166	2.150	ug/l #	57
16) Acetone	2.386	43	29108	32.805	ug/l	93
18) Methyl Acetate	2.715	43	2003	0.950	ug/l #	87
20) Methylene Chloride	2.794	84	12775	7.402	ug/l #	84
25) 2-Butanone	4.580	43	4696	3.409	ug/l #	81
29) Tetrahydrofuran	5.038	42	1478	1.637	ug/l #	79
31) Cyclohexane	5.556	56	3314	1.237	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	11382	5.040	ug/l #	46
38) Carbon Tetrachloride	5.556	117	15117	6.582	ug/l #	16
43) Isopropyl Acetate	6.348	43	20304	4.602	ug/l	93
48) Methyl methacrylate	7.604	41	6110	2.990	ug/l #	10
49) 1,4-Dioxane	7.805	88	152	3.493	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	74197	27.493	ug/l #	45
53) t-1,3-Dichloropropene	8.976	75	49	1.834	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	30726	11.383	ug/l #	72
57) 1,3-Dichloropropane	9.488	76	18501	6.481	ug/l #	42
59) 2-Hexanone	9.488	43	280777	137.004	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	55903	26.726	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55903	71.862	ug/l #	12

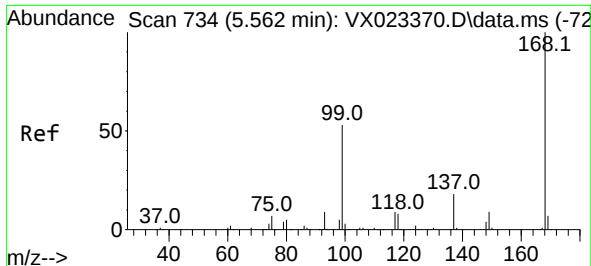
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Aug 14 05:35:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

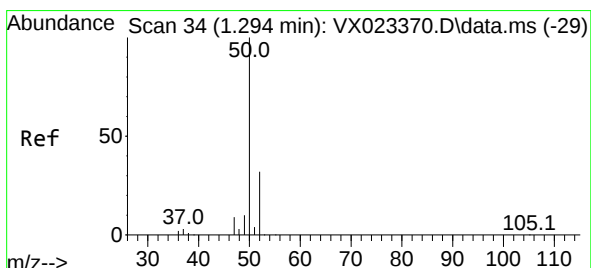
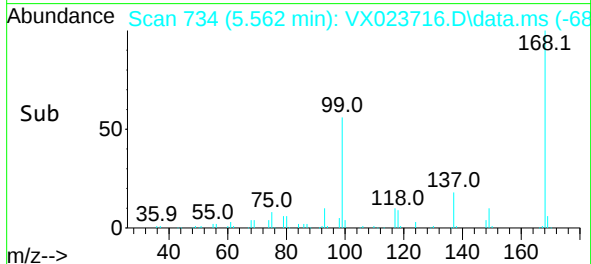
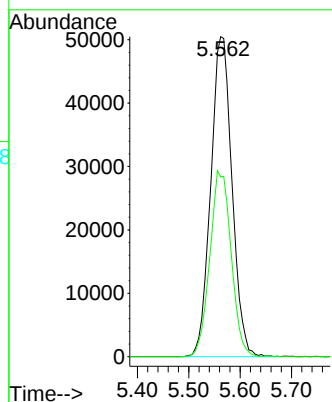
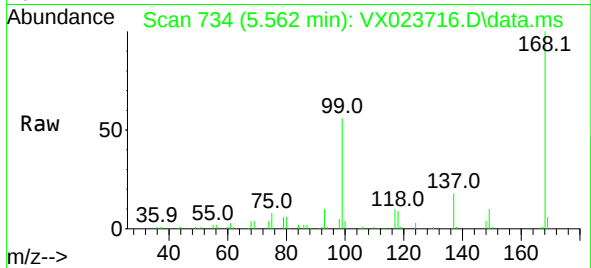




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

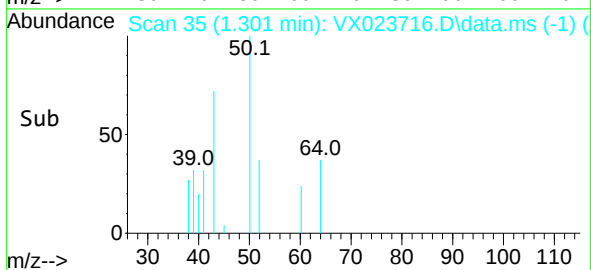
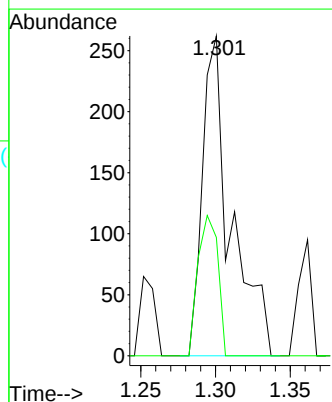
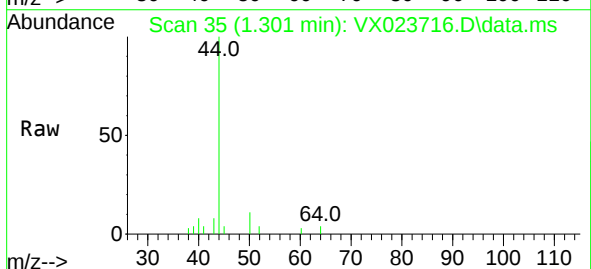
Instrument :
MSVOA_X
ClientSampled :

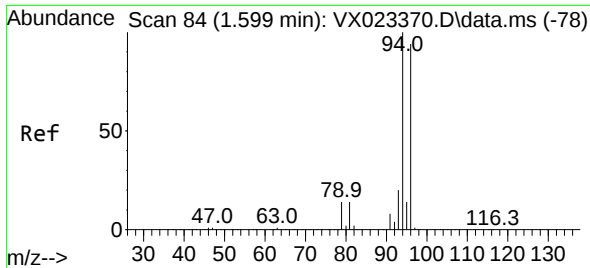
Tgt Ion:168 Resp: 145005
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 50 Resp: 344
Ion Ratio Lower Upper
50 100
52 37.0 26.4 39.6

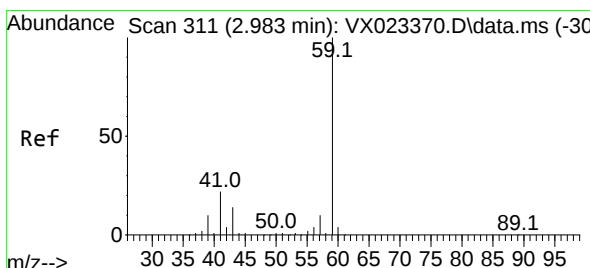
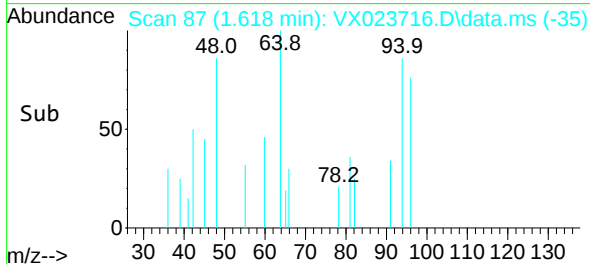
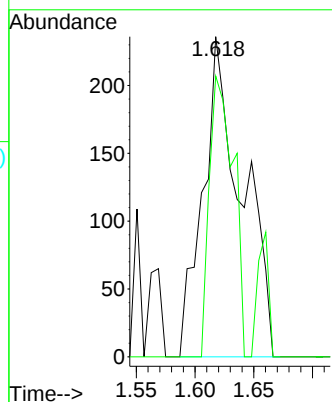
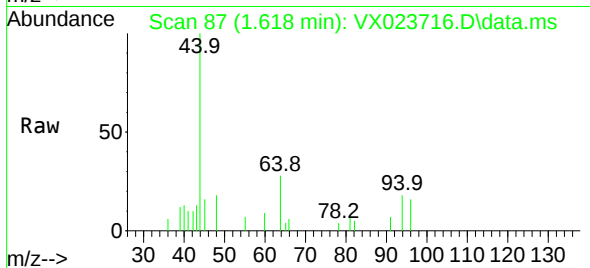




#5
Bromomethane
Concen: 0.582 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

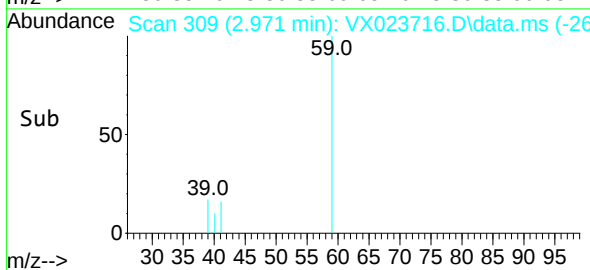
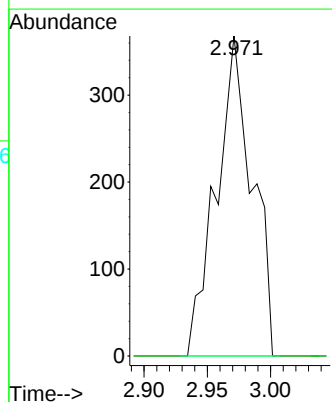
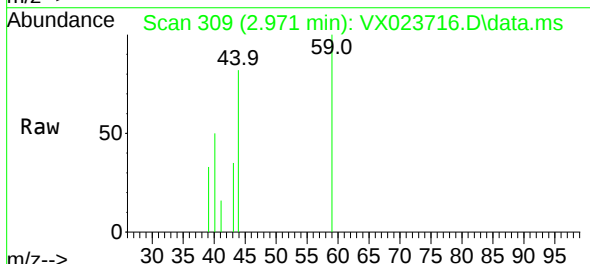
Instrument :
MSVOA_X
ClientSampleId :

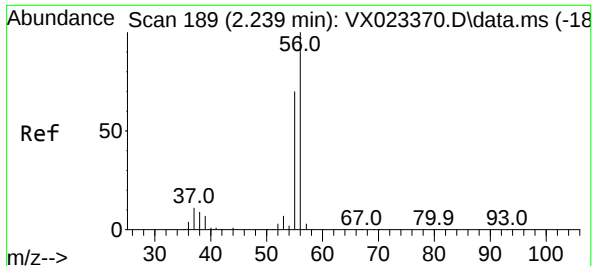
Tgt Ion: 94 Resp: 544
Ion Ratio Lower Upper
94 100
96 87.7 76.4 114.6



#11
Tert butyl alcohol
Concen: 1.762 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 59 Resp: 728
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

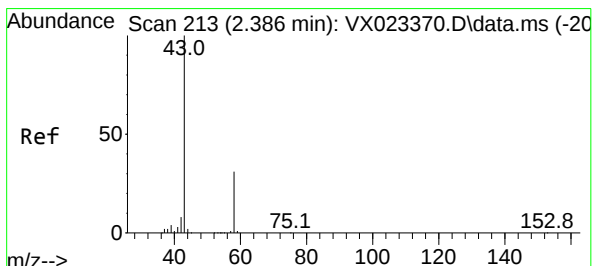
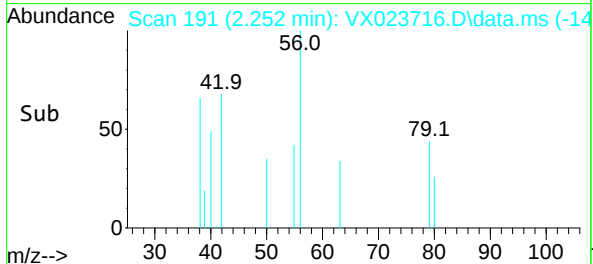
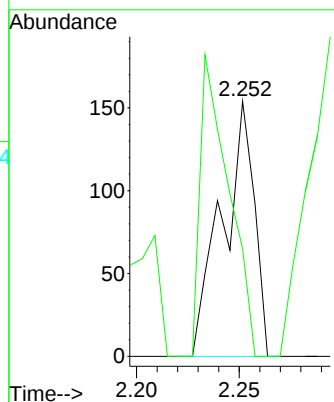
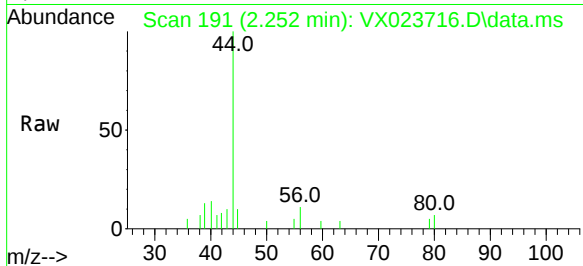




#13
Acrolein
Concen: 2.150 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

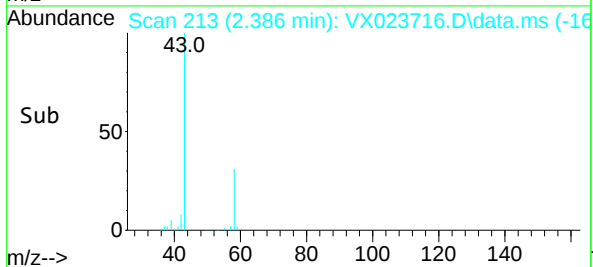
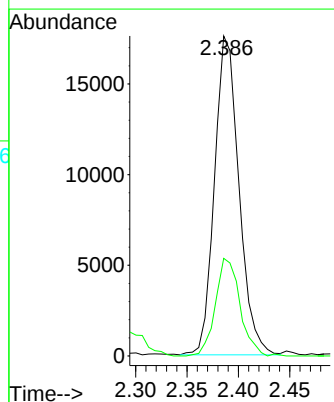
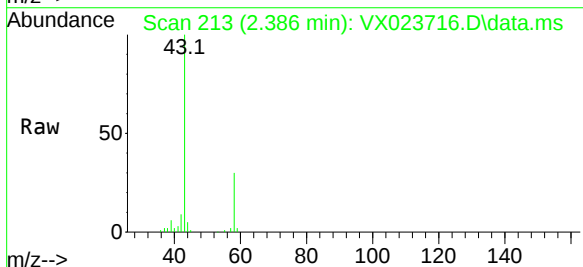
Instrument :
MSVOA_X
ClientSampled :

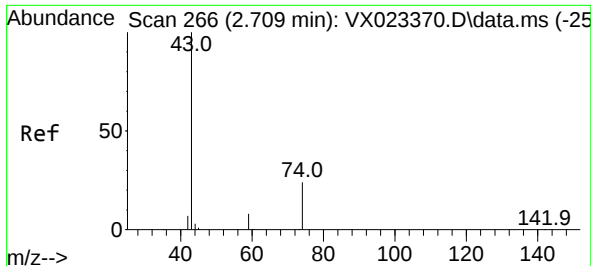
Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 106.0 56.4 84.6#



#16
Acetone
Concen: 32.805 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 43 Resp: 29108
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8

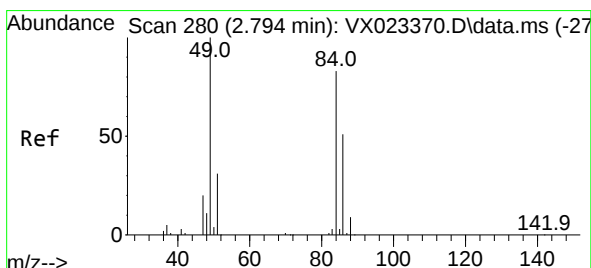
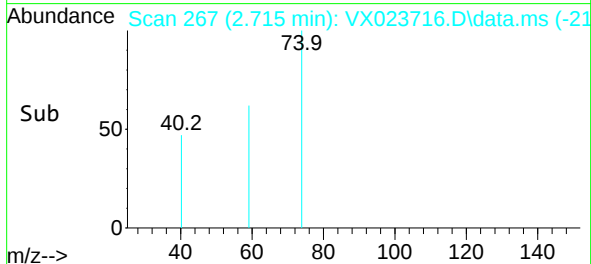
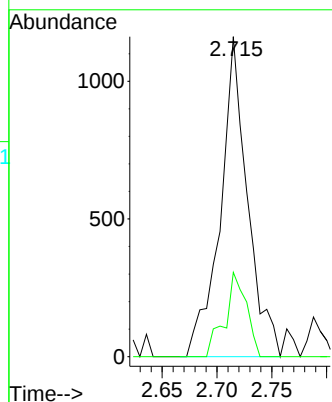
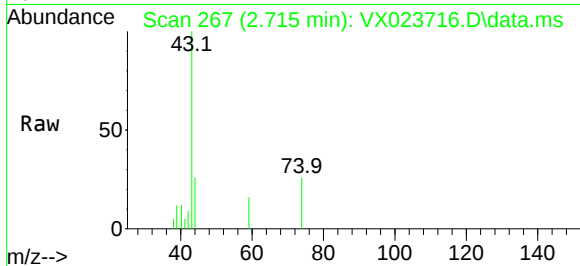




#18
Methyl Acetate
Concen: 0.950 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

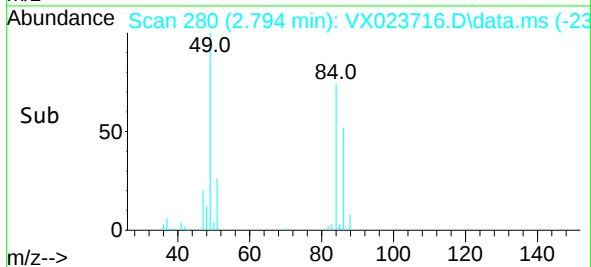
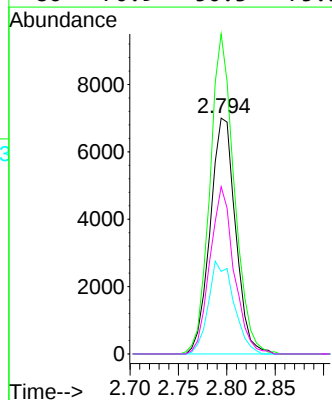
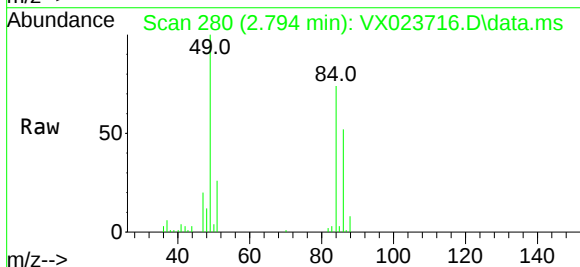
Instrument :
MSVOA_X
ClientSampled :

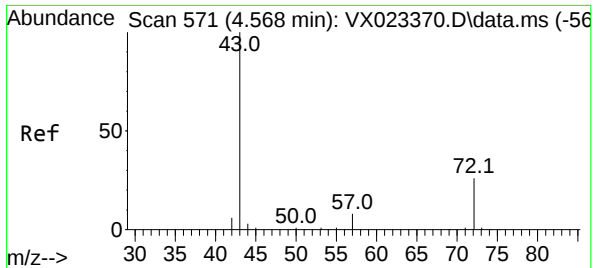
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
74 20.8 21.9 32.9#



#20
Methylene Chloride
Concen: 7.402 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 84 Resp: 12775
Ion Ratio Lower Upper
84 100
49 135.7 88.6 132.8#
51 35.0 27.0 40.6
86 70.9 50.3 75.5

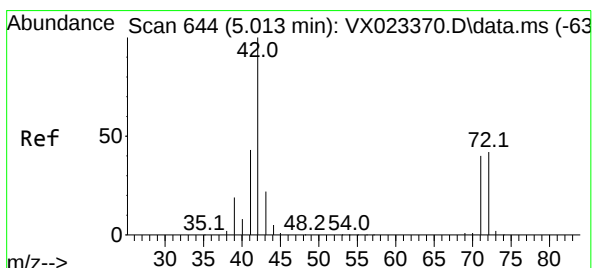
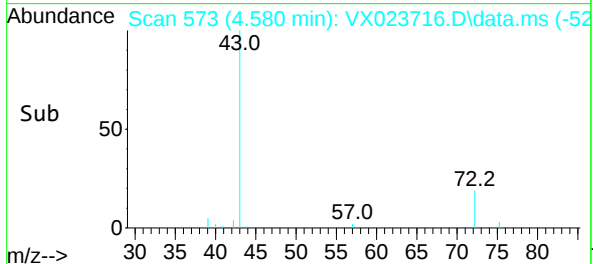
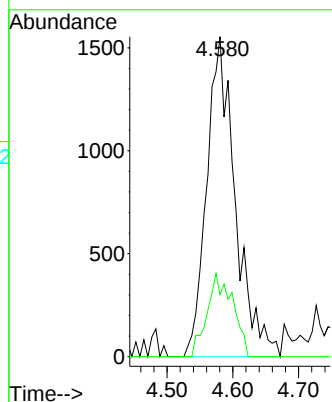
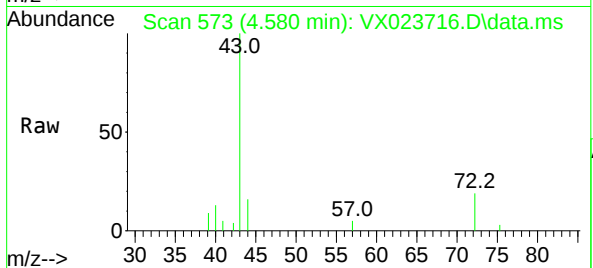




#25
2-Butanone
Concen: 3.409 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

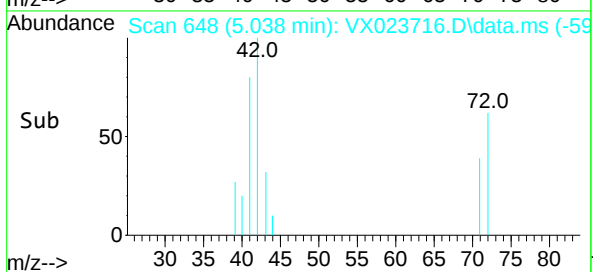
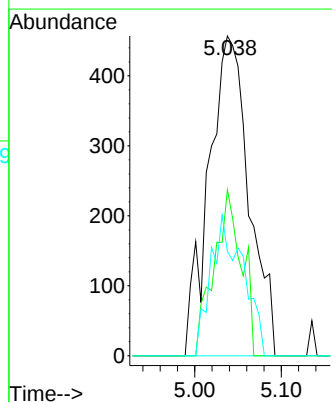
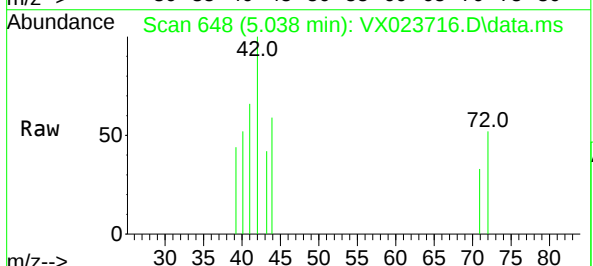
Instrument :
MSVOA_X
ClientSampled :

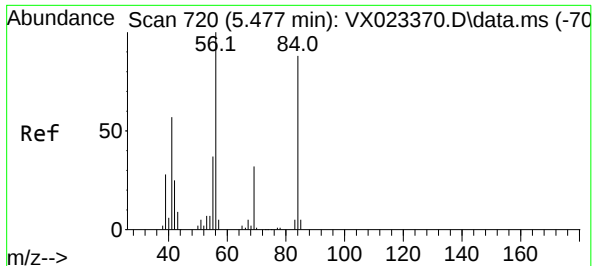
Tgt Ion: 43 Resp: 4696
Ion Ratio Lower Upper
43 100
72 19.4 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.637 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

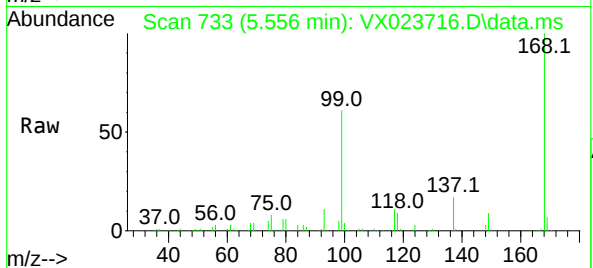
Tgt Ion: 42 Resp: 1478
Ion Ratio Lower Upper
42 100
72 35.5 41.7 62.5#
71 35.1 38.4 57.6#



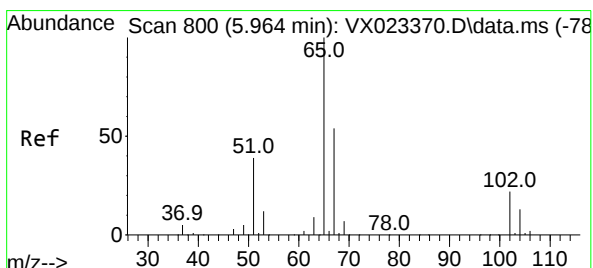
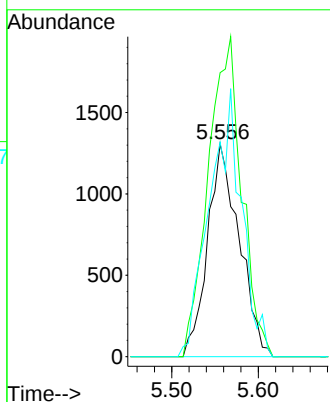
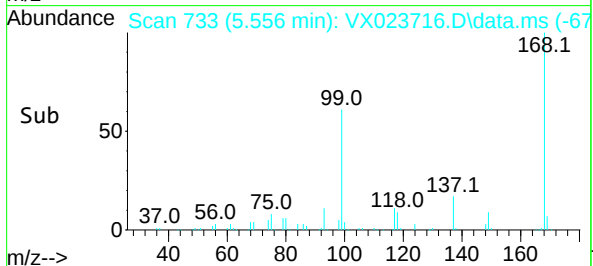


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

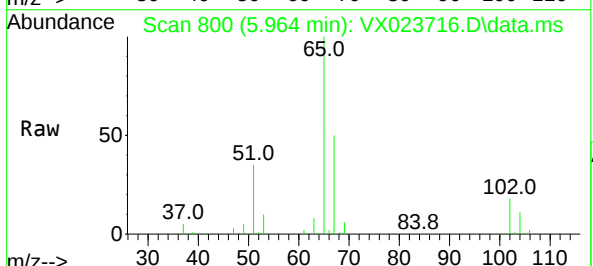
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MSVOA_X
ClientSampleId :



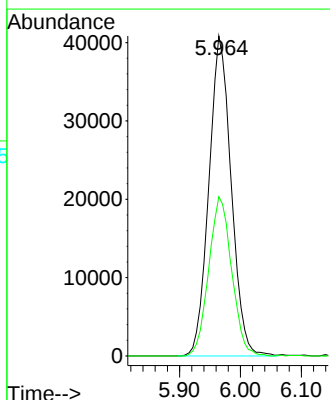
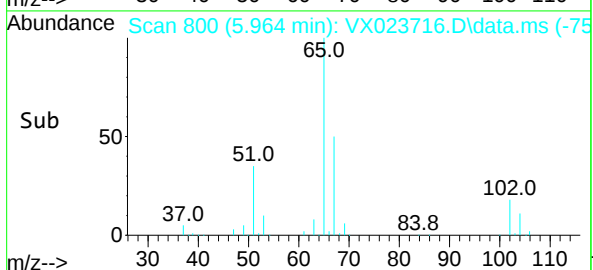
Tgt Ion: 56 Resp: 3314
Ion Ratio Lower Upper
56 100
69 133.5 25.3 37.9#
84 100.8 71.4 107.0

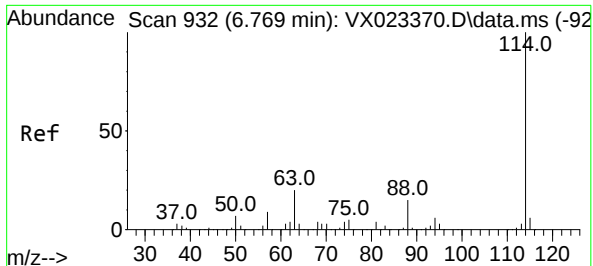


#33
1,2-Dichloroethane-d4
Concen: 57.437 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26



Tgt Ion: 65 Resp: 103893
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

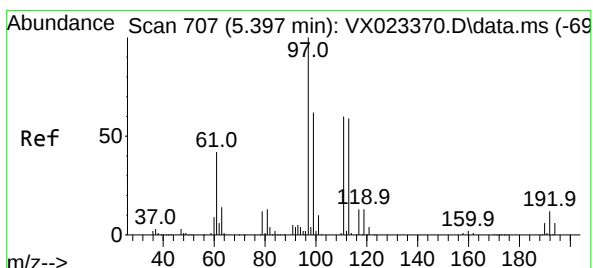
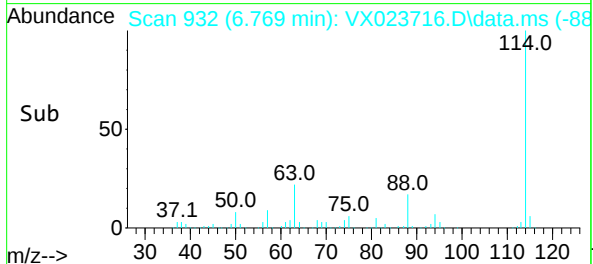
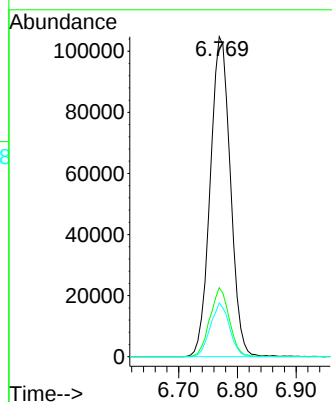
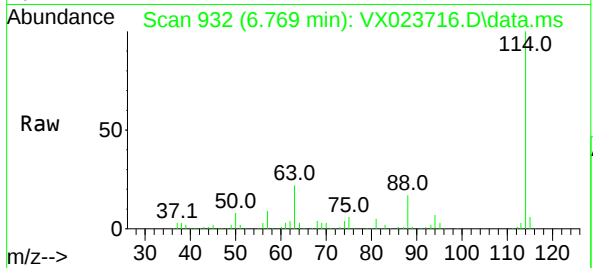




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

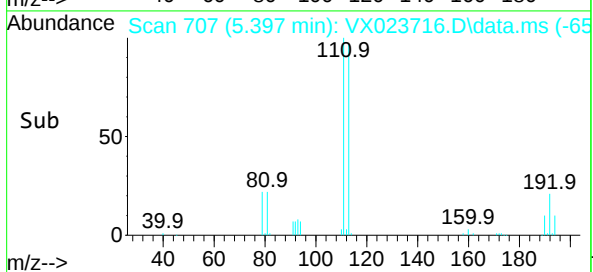
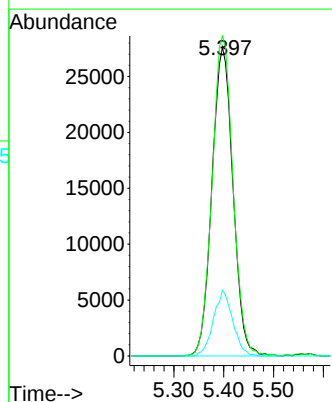
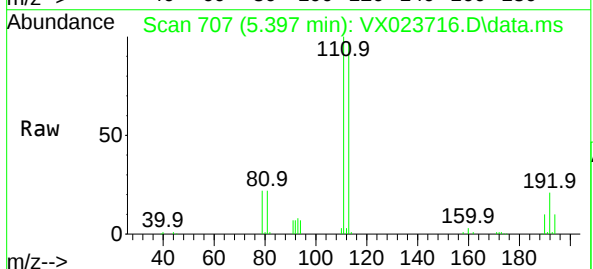
Instrument :
MSVOA_X
ClientSampled :

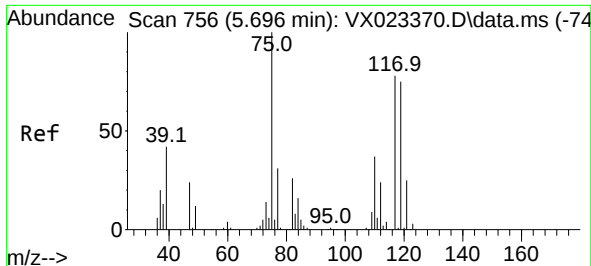
Tgt Ion:114 Resp: 249655
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.754 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion:113 Resp: 80785
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.6 16.7 25.1

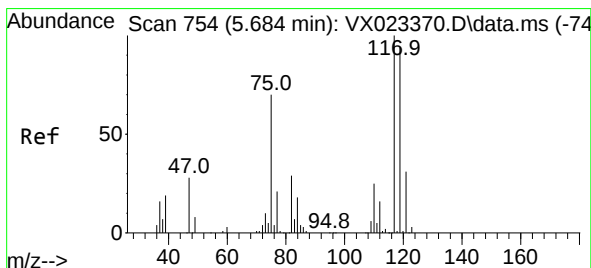
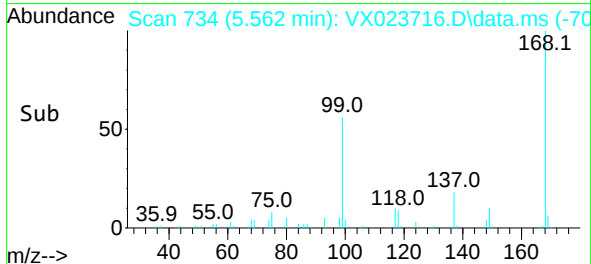
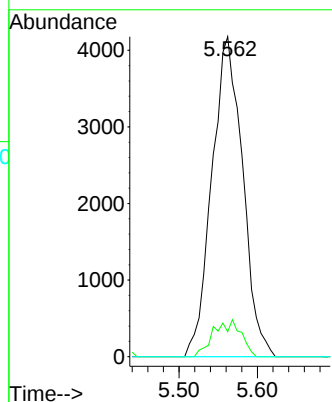
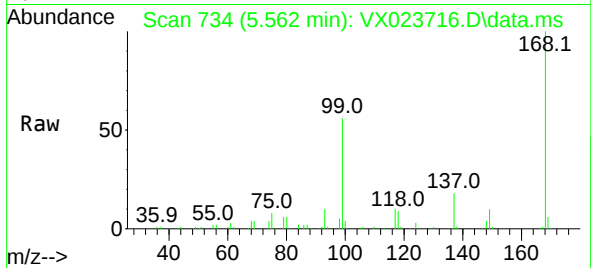




#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

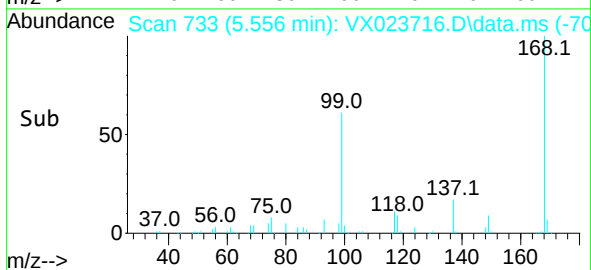
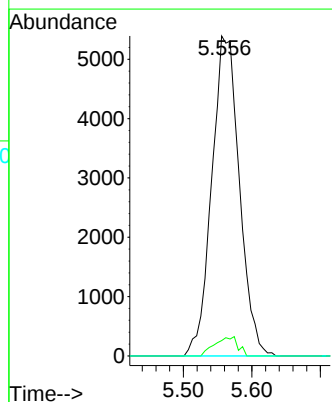
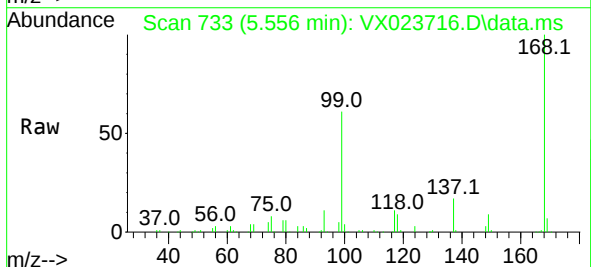
Instrument :
MSVOA_X
ClientSampled :

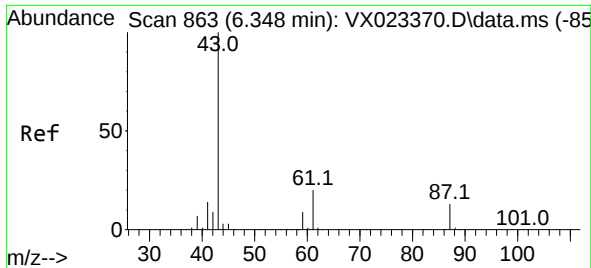
Tgt Ion: 75 Resp: 11382
Ion Ratio Lower Upper
75 100
110 5.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.582 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 117 Resp: 15117
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

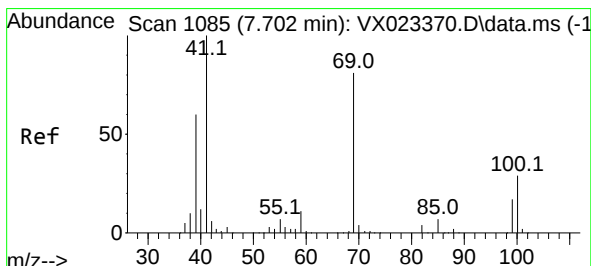
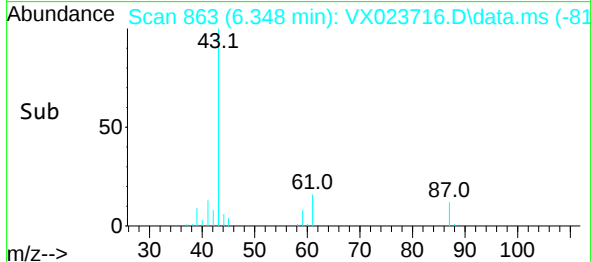
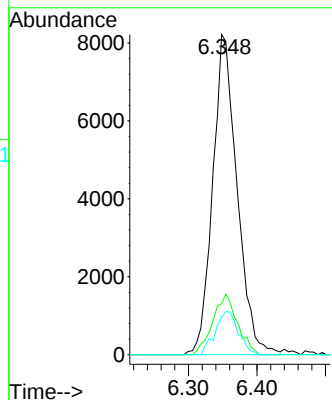
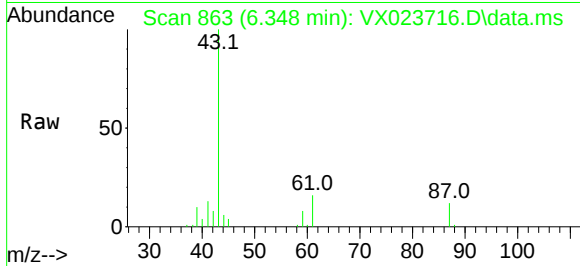




#43
Isopropyl Acetate
Concen: 4.602 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

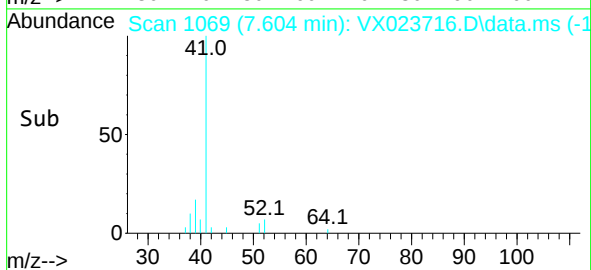
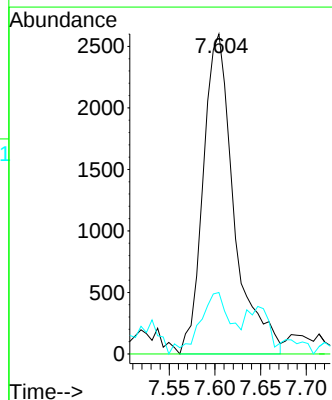
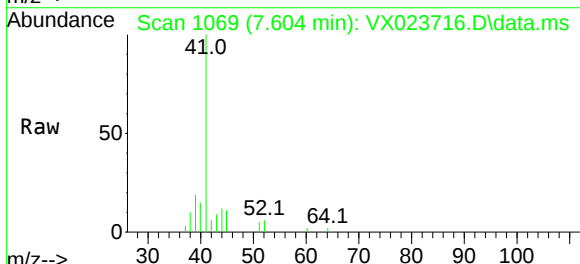
Instrument :
MSVOA_X
ClientSampled :

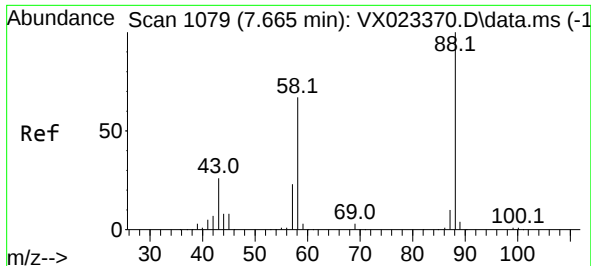
Tgt Ion:	43	Resp:	20304
Ion	Ratio	Lower	Upper
43	100		
61	19.1	18.2	27.4
87	12.9	12.5	18.7



#48
Methyl methacrylate
Concen: 2.990 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion:	41	Resp:	6110
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

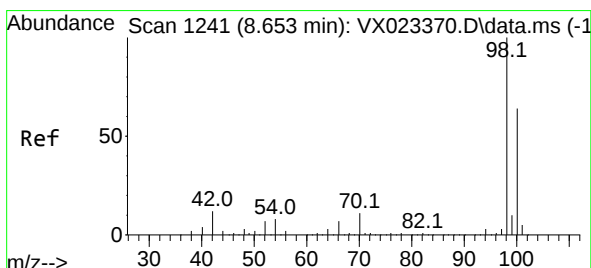
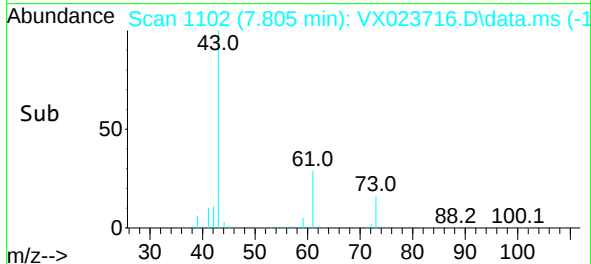
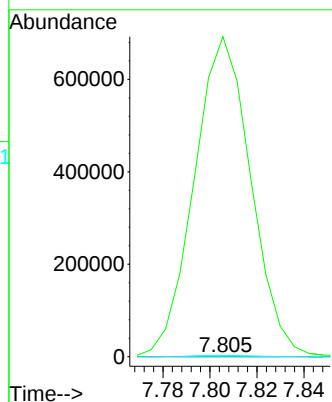
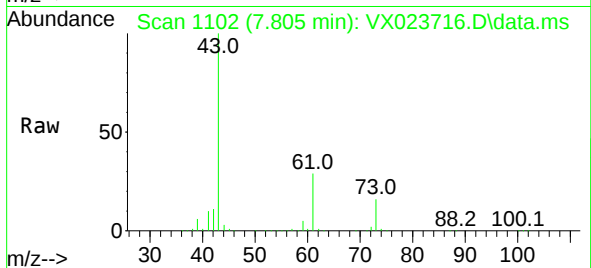




#49
1,4-Dioxane
Concen: 3.493 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

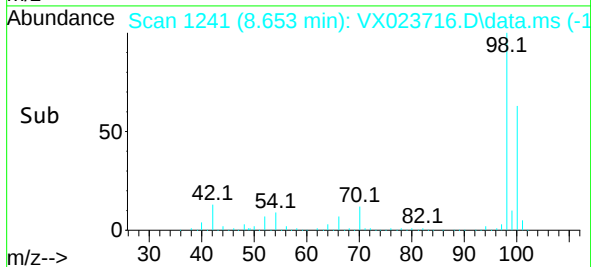
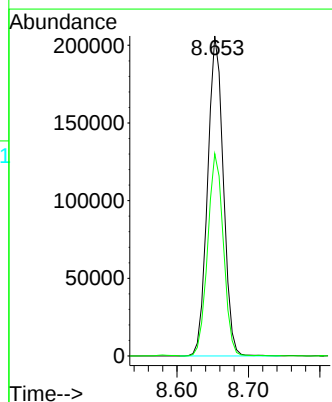
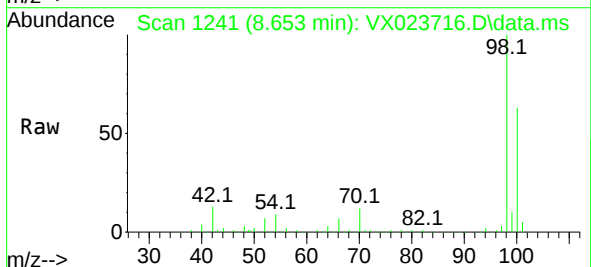
Instrument :
MSVOA_X
ClientSampled :

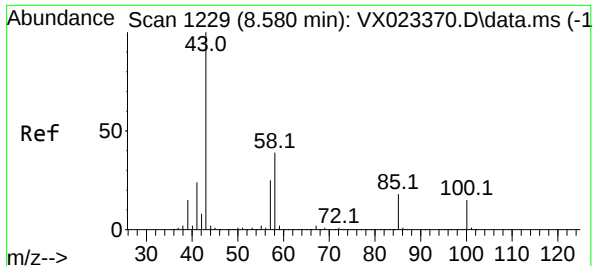
Tgt Ion: 88 Resp: 152
Ion Ratio Lower Upper
88 100
43 769471.7 23.2 34.8#
58 3484.2 55.0 82.4#



#50
Toluene-d8
Concen: 54.815 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 98 Resp: 314363
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

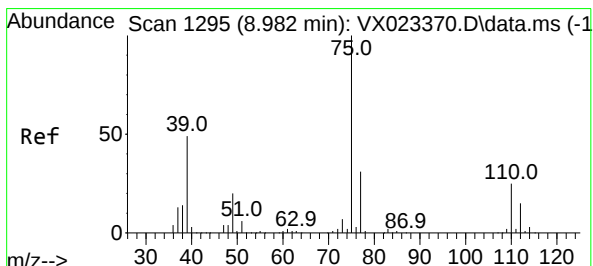
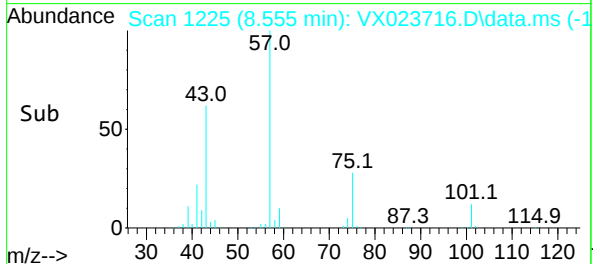
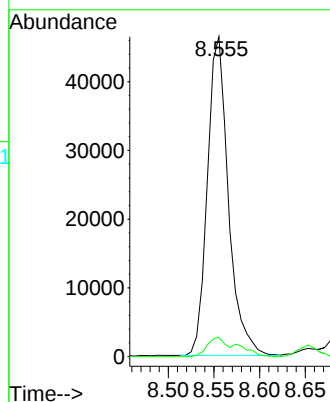
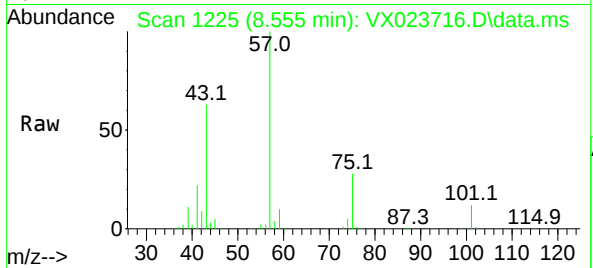




#51
4-Methyl-2-Pentanone
Concen: 27.493 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

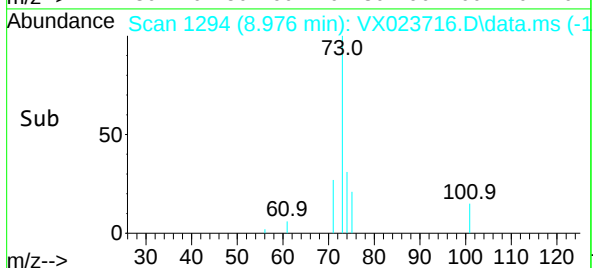
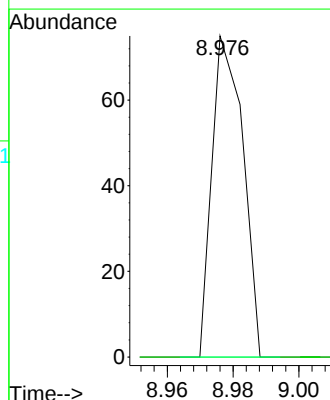
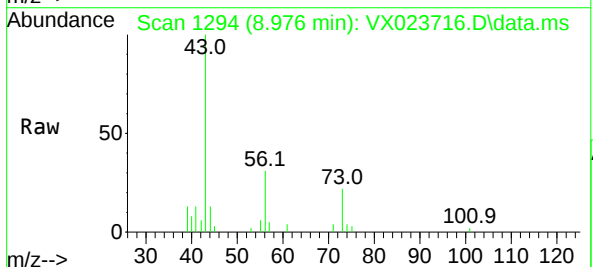
Instrument :
MSVOA_X
ClientSampled :

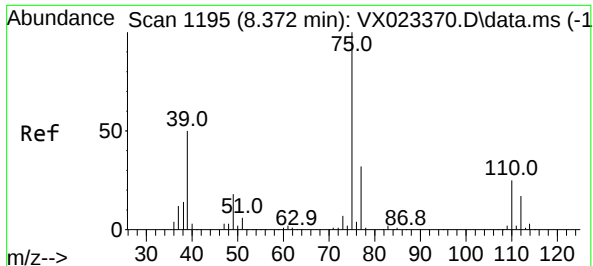
Tgt Ion: 43 Resp: 74197
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.834 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

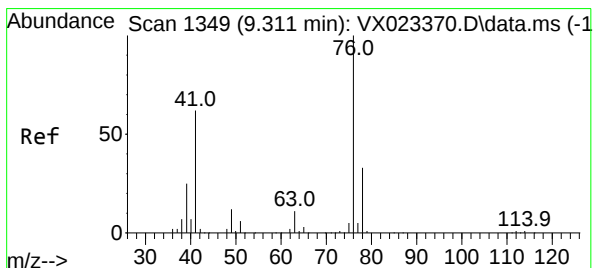
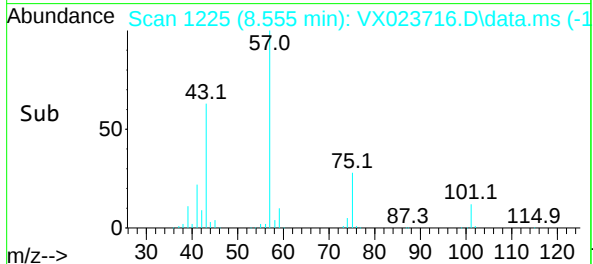
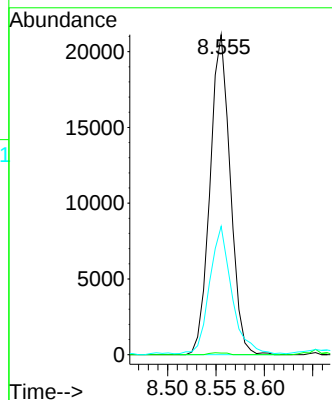
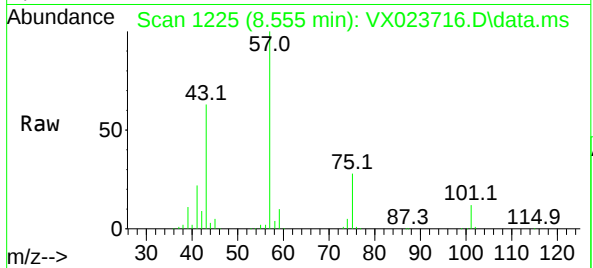




#54
 cis-1,3-Dichloropropene
 Concen: 11.383 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023716.D
 Acq: 14 Aug 2021 02:26

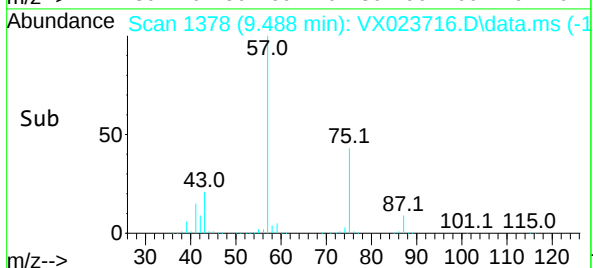
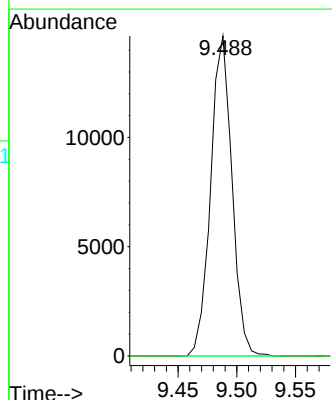
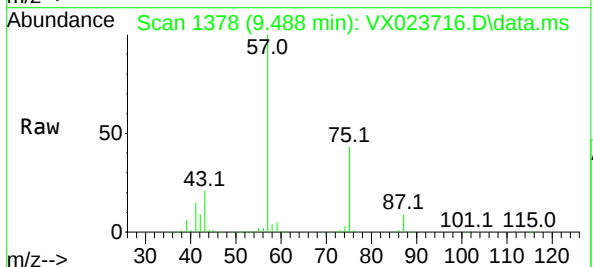
Instrument :
 MSVOA_X
 ClientSampled :

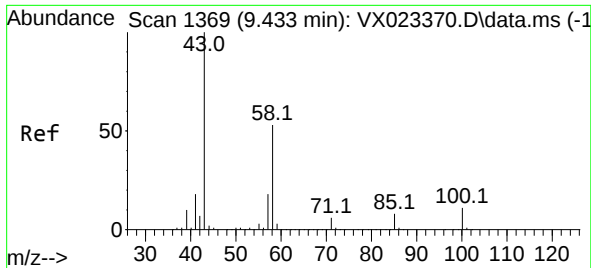
Tgt Ion: 75 Resp: 30726
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 39.8 35.1 52.7



#57
 1,3-Dichloropropane
 Concen: 6.481 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX023716.D
 Acq: 14 Aug 2021 02:26

Tgt Ion: 76 Resp: 18501
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

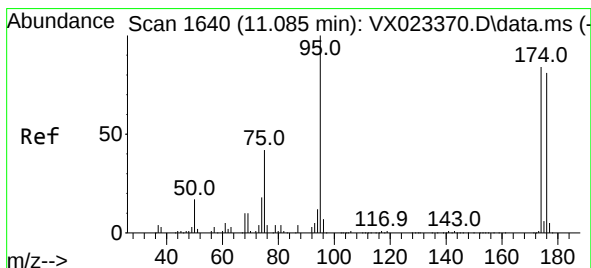
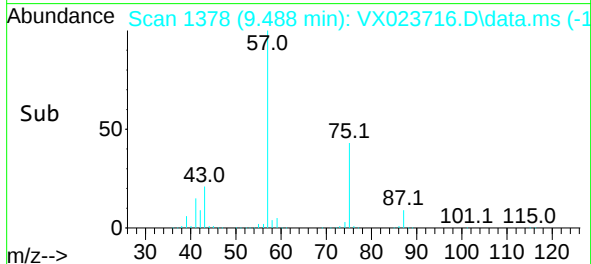
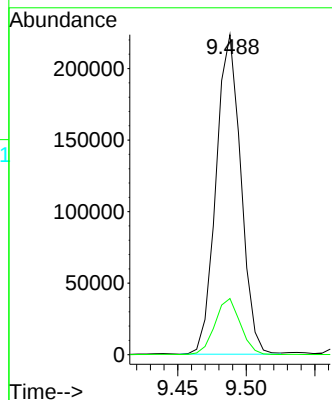
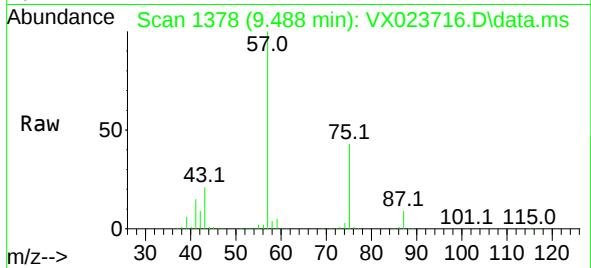




#59
2-Hexanone
Concen: 137.004 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

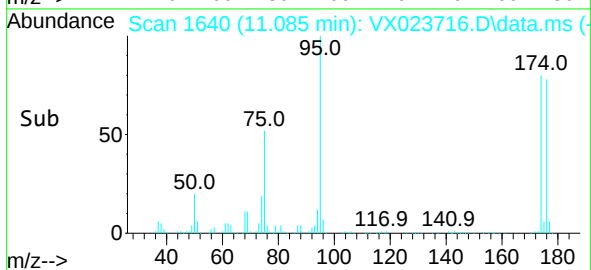
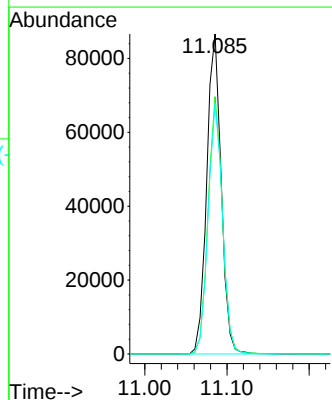
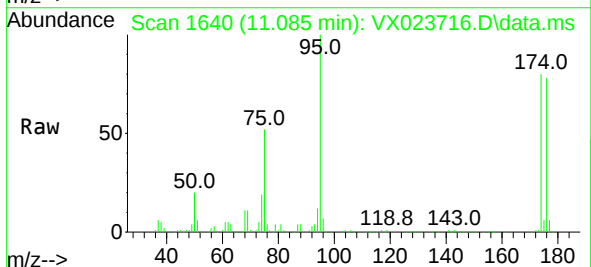
Instrument :
MSVOA_X
ClientSampled :

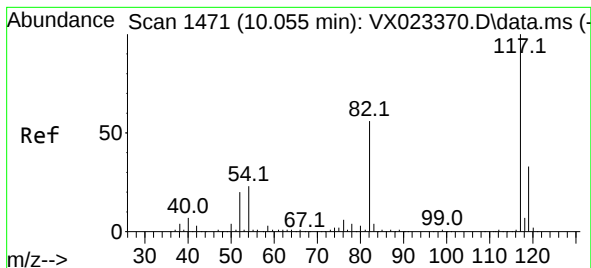
Tgt Ion: 43 Resp: 280777
Ion Ratio Lower Upper
43 100
58 18.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 54.152 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 95 Resp: 105604
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 78.1 0.0 155.8

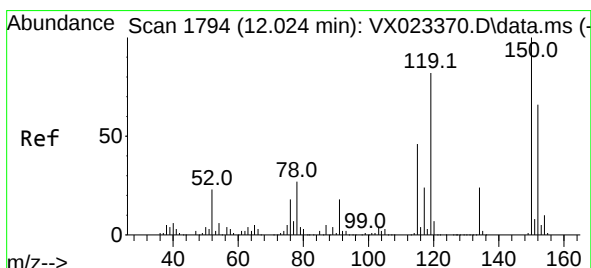
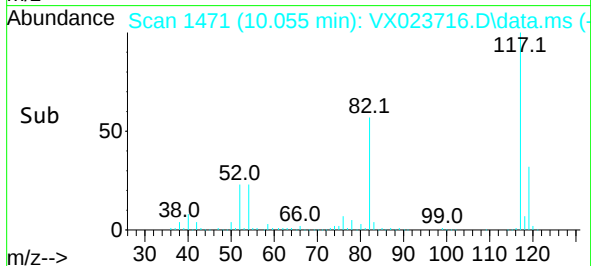
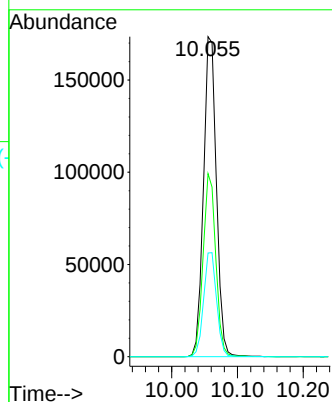
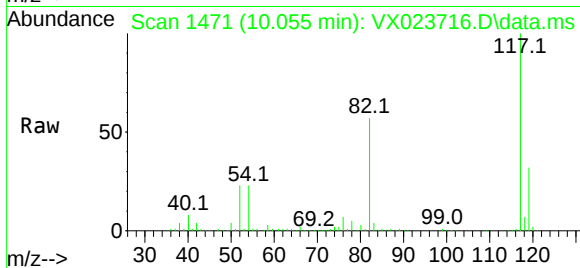




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

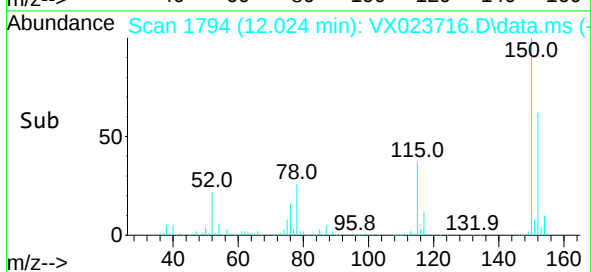
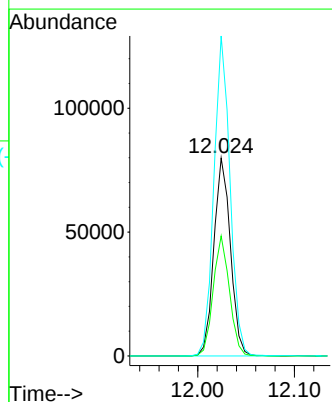
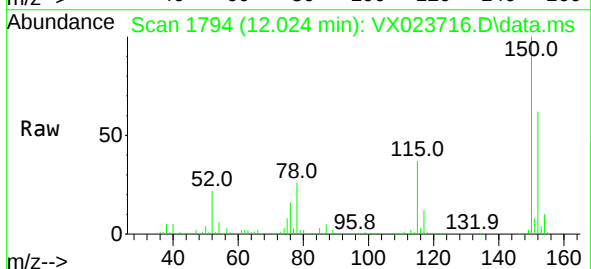
Instrument :
MSVOA_X
ClientSampled :

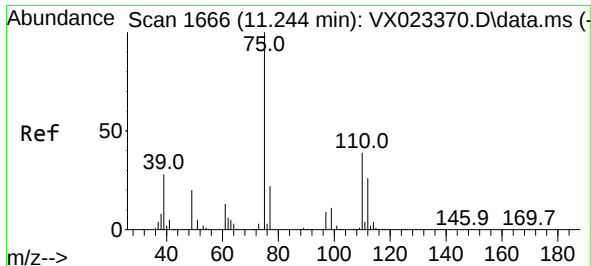
Tgt Ion:117 Resp: 237245
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion:152 Resp: 95054
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 157.5 0.0 349.0

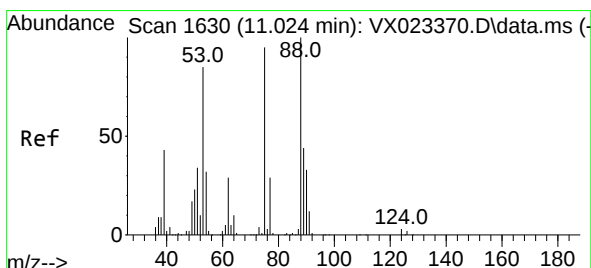
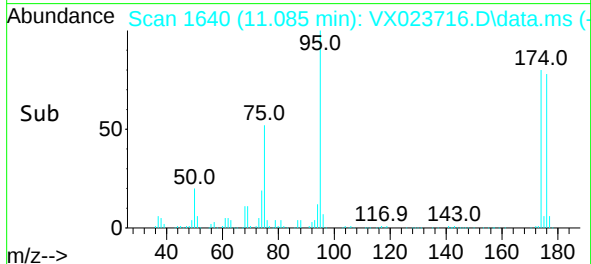
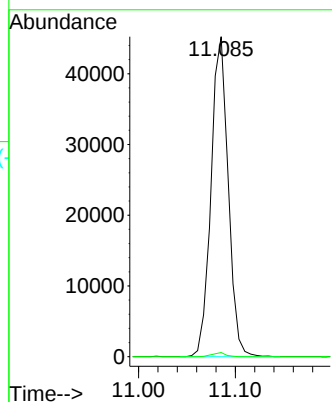
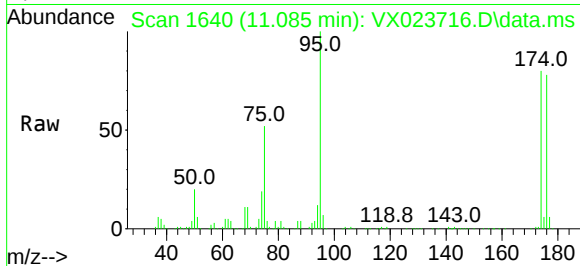




#76
1,2,3-Trichloropropane
Concen: 26.726 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 55903
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.862 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023716.D
Acq: 14 Aug 2021 02:26

Tgt Ion: 75 Resp: 55903
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

