

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081621\
 Data File : VX023746.D
 Acq On : 16 Aug 2021 18:22
 Operator : JC/MD
 Sample : M3407-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 17 06:19:27 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)

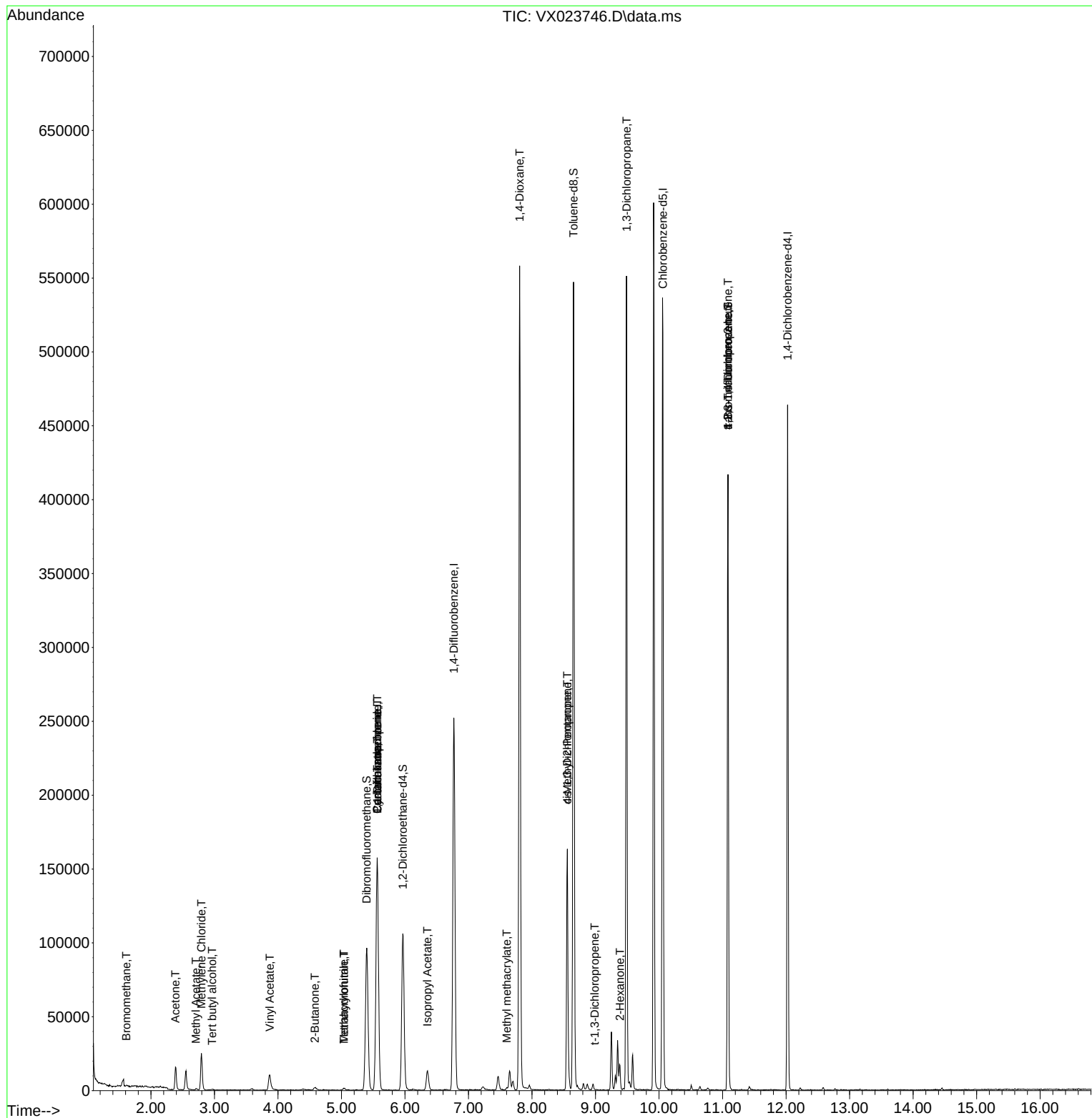
Internal Standards						
1) Pentafluorobenzene	5.562	168	145816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	236346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103848	57.093	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 114.180%		
35) Dibromofluoromethane	5.397	113	81691	51.923	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.840%		
50) Toluene-d8	8.653	98	313988	54.319	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.640%		
62) 4-Bromofluorobenzene	11.085	95	104117	52.970	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	469	0.499	ug/l #	42
11) Tert butyl alcohol	2.965	59	413	0.994	ug/l #	73
16) Acetone	2.386	43	16514	18.508	ug/l	95
18) Methyl Acetate	2.709	43	1328	0.626	ug/l #	89
20) Methylene Chloride	2.794	84	10844	6.248	ug/l #	89
23) Vinyl Acetate	3.873	43	1851	0.408	ug/l #	68
25) 2-Butanone	4.580	43	2867	2.070	ug/l	89
29) Tetrahydrofuran	5.038	42	607	0.669	ug/l	90
31) Cyclohexane	5.562	56	3589	1.332	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	11665	5.125	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15394	6.650	ug/l #	16
41) Methacrylonitrile	5.038	41	411	0.271	ug/l #	1
43) Isopropyl Acetate	6.354	43	17609	3.959	ug/l #	91
48) Methyl methacrylate	7.604	41	2445	1.187	ug/l #	10
49) 1,4-Dioxane	7.805	88	41	0.935	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	57428	21.112	ug/l #	46
53) t-1,3-Dichloropropene	8.988	75	19	1.823	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	23207	8.530	ug/l #	72
57) 1,3-Dichloropropane	9.488	76	4536	1.577	ug/l #	42
59) 2-Hexanone	9.384	43	11118	5.382	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	56002	27.695	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56002	74.468	ug/l #	12

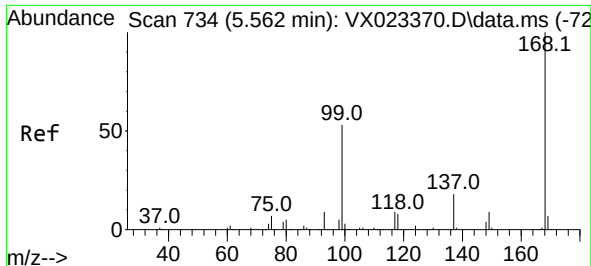
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081621\
Data File : VX023746.D
Acq On : 16 Aug 2021 18:22
Operator : JC/MD
Sample : M3407-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 17 06:19:27 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

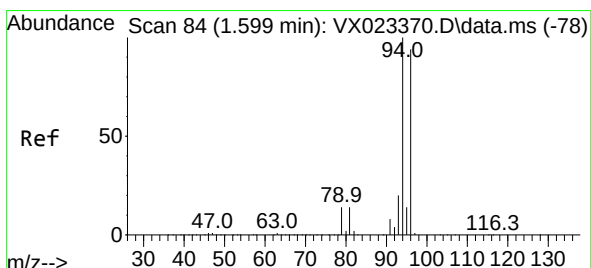
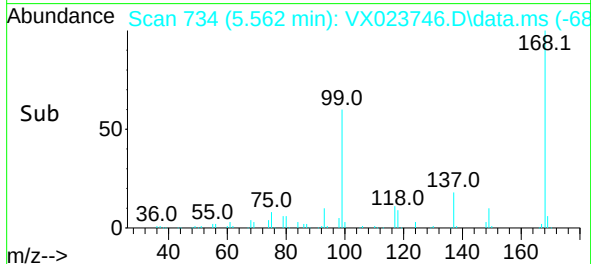
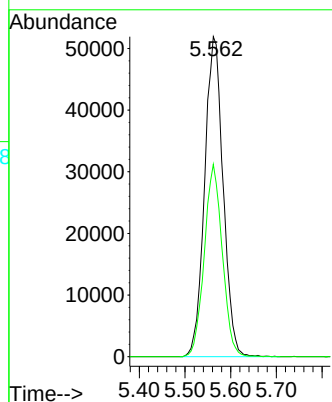
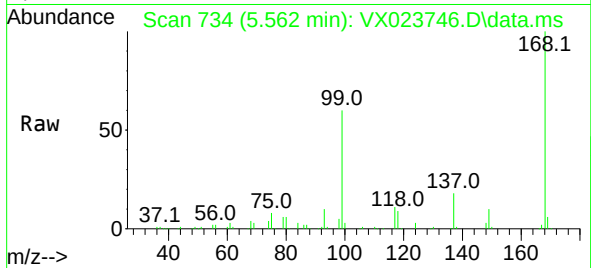




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

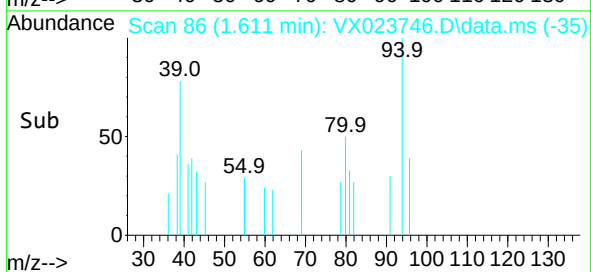
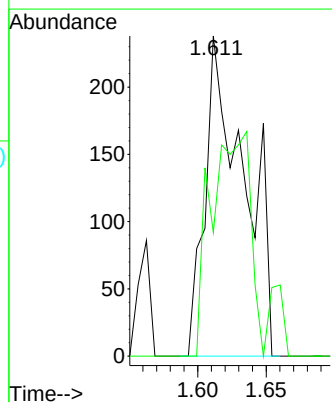
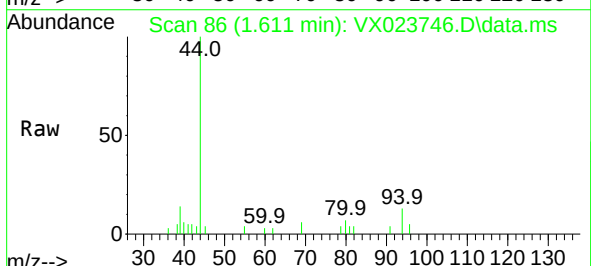
Instrument :
MSVOA_X
ClientSampled :

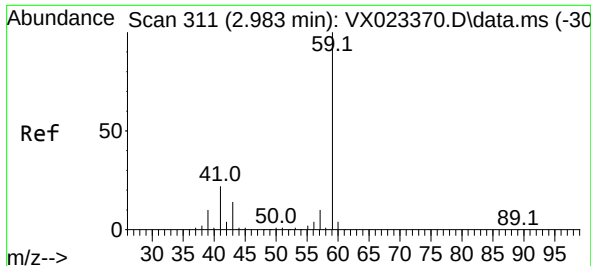
Tgt Ion:168 Resp: 145816
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#5
Bromomethane
Concen: 0.499 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 94 Resp: 469
Ion Ratio Lower Upper
94 100
96 38.7 76.4 114.6#



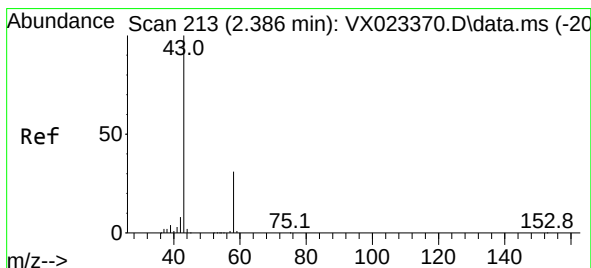
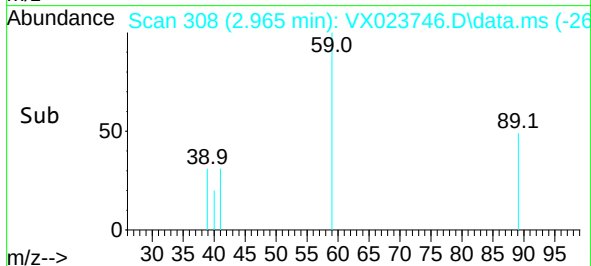
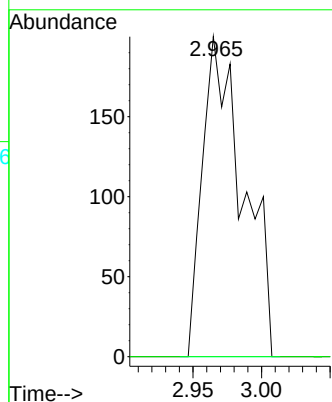
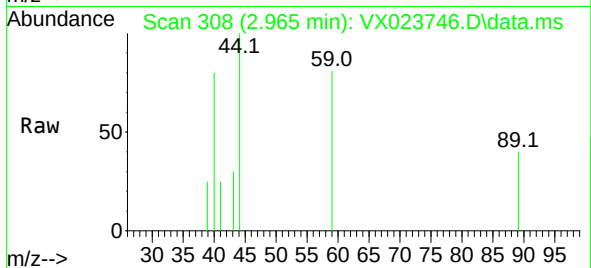


#11

Tert butyl alcohol
Concen: 0.994 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Instrument :
MSVOA_X
ClientSampled :

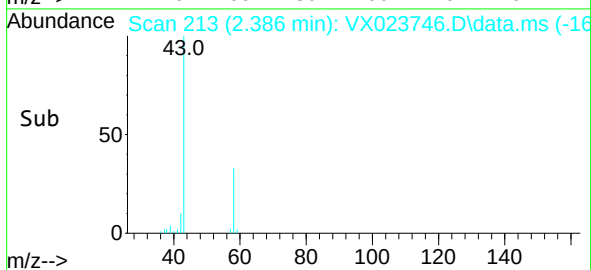
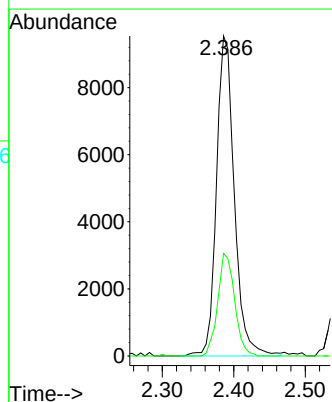
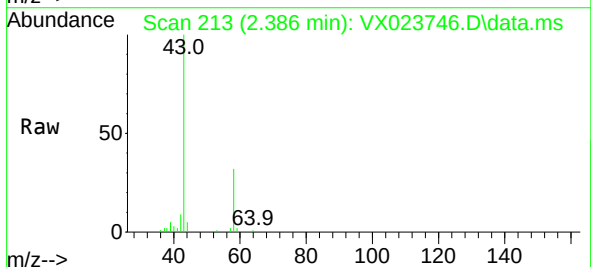
Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

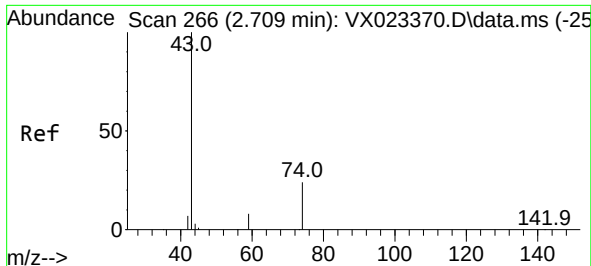


#16

Acetone
Concen: 18.508 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 43 Resp: 16514
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8

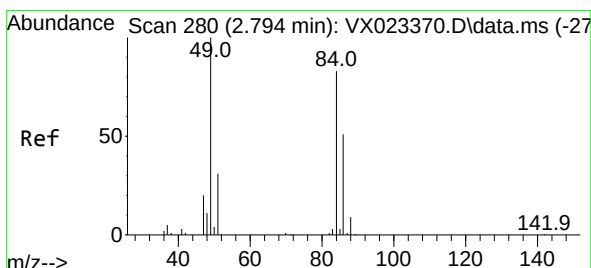
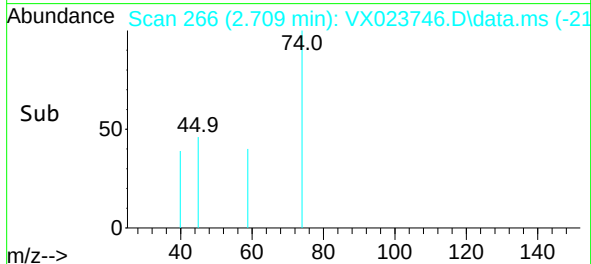
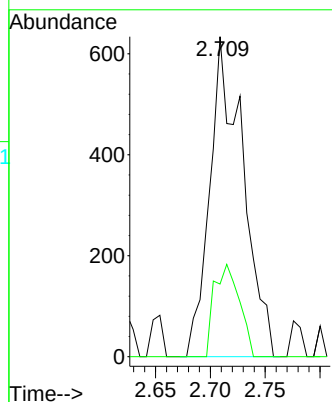
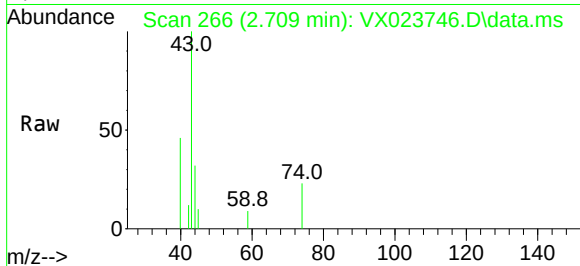




#18
Methyl Acetate
Concen: 0.626 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

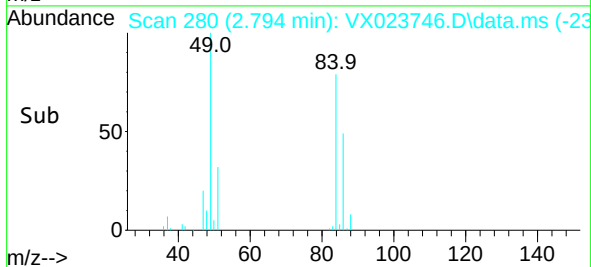
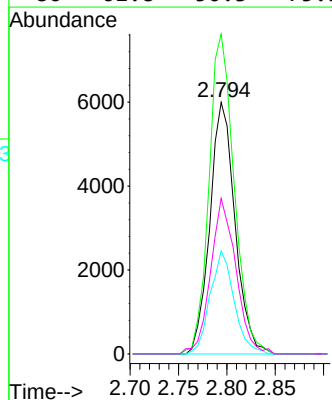
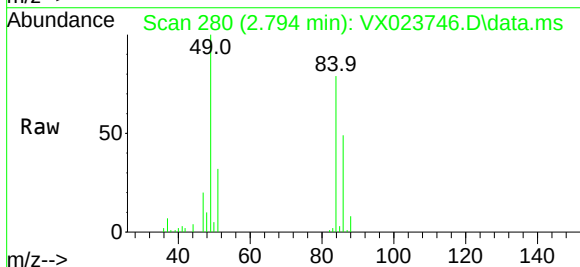
Instrument :
MSVOA_X
ClientSampled :

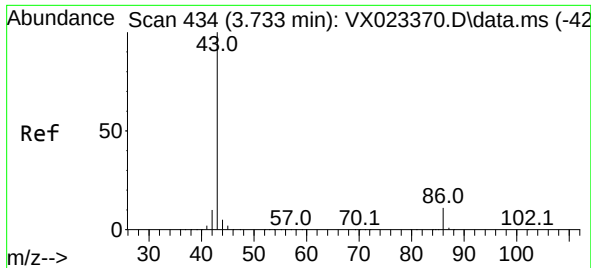
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
74 21.9 21.9 32.9#



#20
Methylene Chloride
Concen: 6.248 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 84 Resp: 10844
Ion Ratio Lower Upper
84 100
49 127.2 88.6 132.8
51 41.0 27.0 40.6#
86 61.8 50.3 75.5

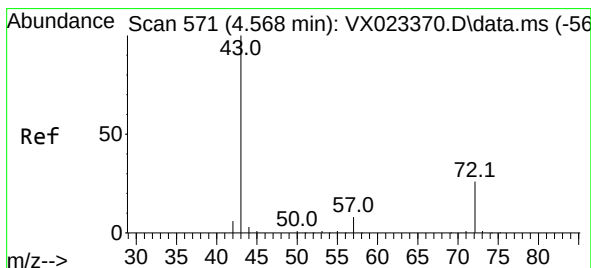
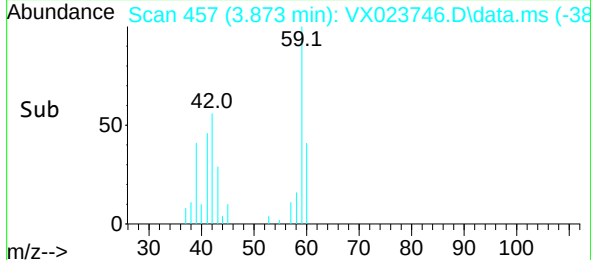
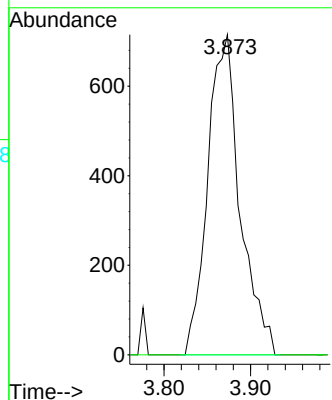
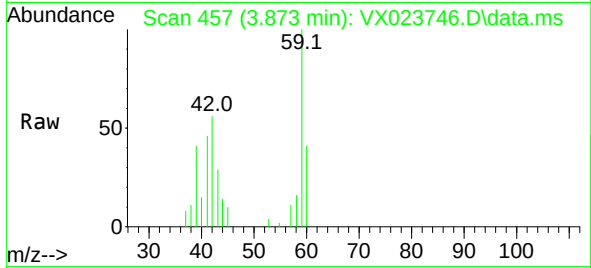




#23
 Vinyl Acetate
 Concen: 0.408 ug/l
 RT: 3.873 min Scan# 457
 Delta R.T. 0.140 min
 Lab File: VX023746.D
 Acq: 16 Aug 2021 18:22

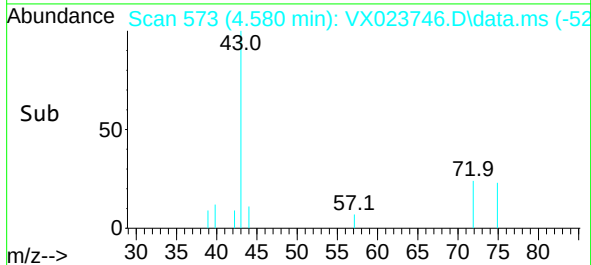
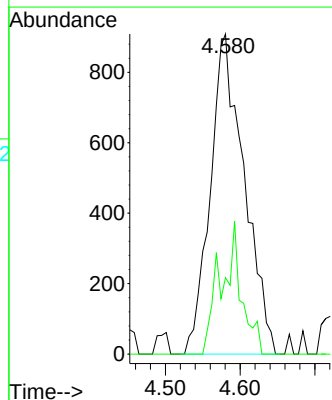
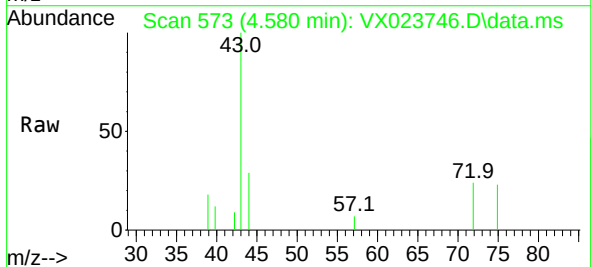
Instrument :
 MSVOA_X
 ClientSampled :

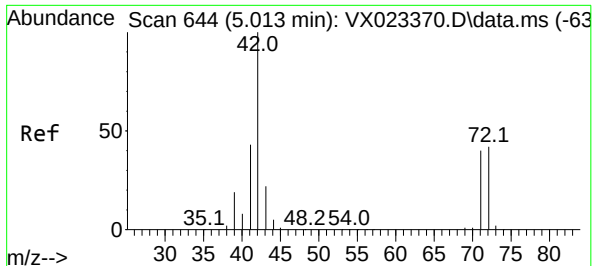
Tgt Ion: 43 Resp: 1851
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 2.070 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.012 min
 Lab File: VX023746.D
 Acq: 16 Aug 2021 18:22

Tgt Ion: 43 Resp: 2867
 Ion Ratio Lower Upper
 43 100
 72 23.9 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.669 ug/l

RT: 5.038 min Scan# 648

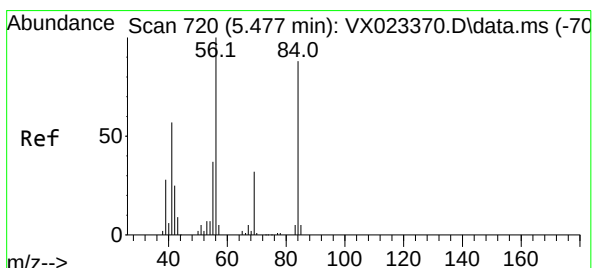
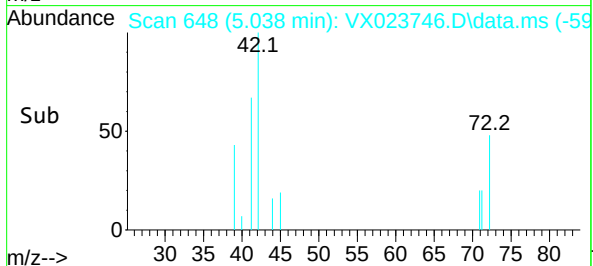
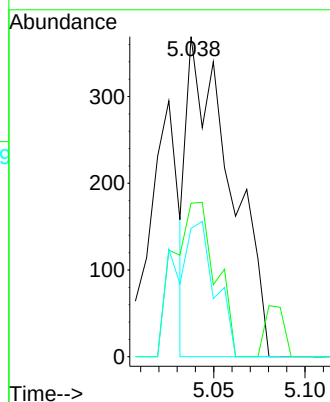
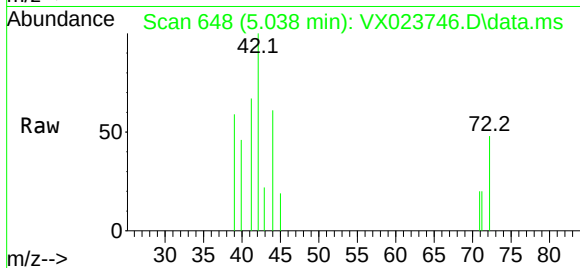
Delta R.T. 0.025 min

Lab File: VX023746.D

Acq: 16 Aug 2021 18:22

Tgt Ion:	42	Resp:	607
Ion	Ratio	Lower	Upper
42	100		
72	47.0	41.7	62.5
71	39.7	38.4	57.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.332 ug/l

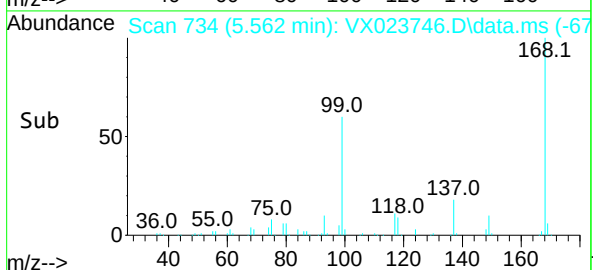
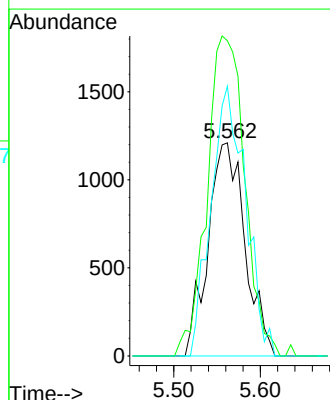
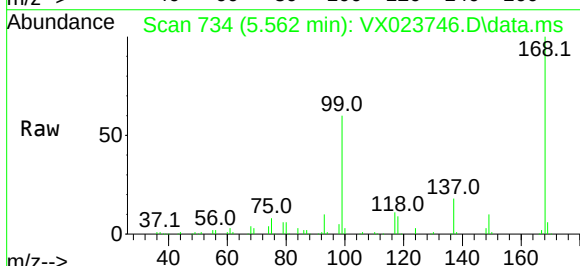
RT: 5.562 min Scan# 734

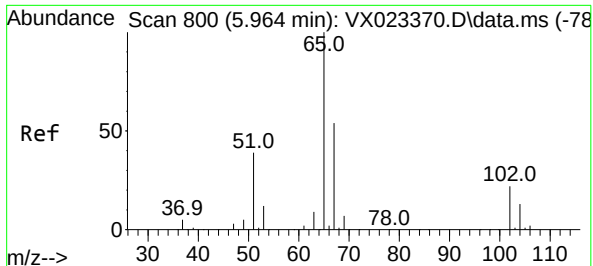
Delta R.T. 0.085 min

Lab File: VX023746.D

Acq: 16 Aug 2021 18:22

Tgt Ion:	56	Resp:	3589
Ion	Ratio	Lower	Upper
56	100		
69	147.9	25.3	37.9#
84	126.6	71.4	107.0#



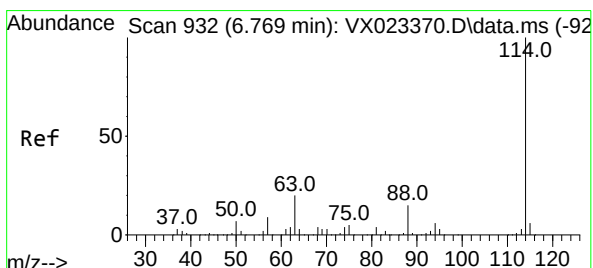
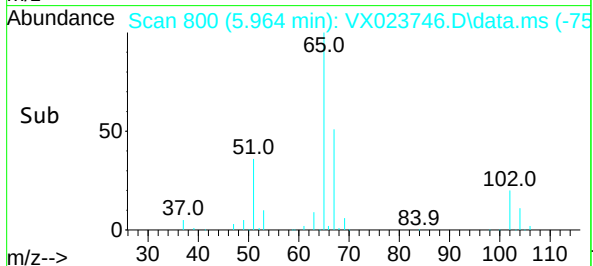
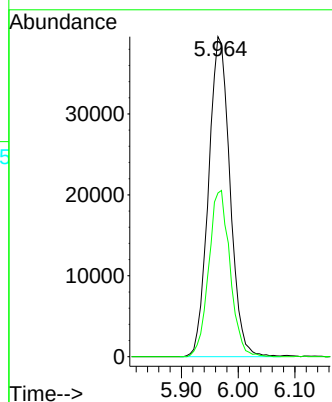
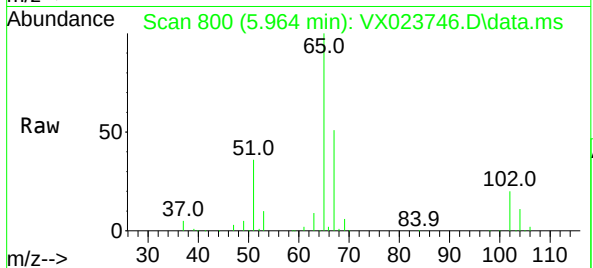


#33

1,2-Dichloroethane-d4
Concen: 57.093 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Instrument :
MSVOA_X
ClientSampled :

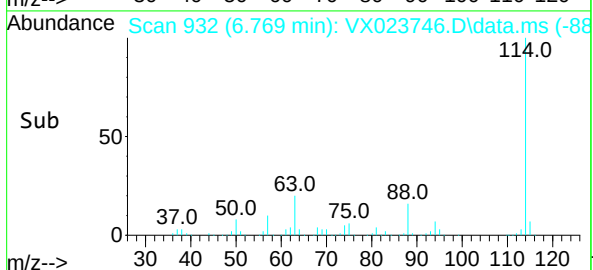
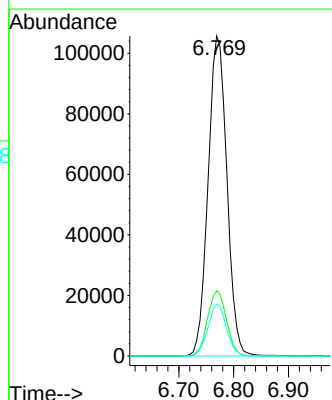
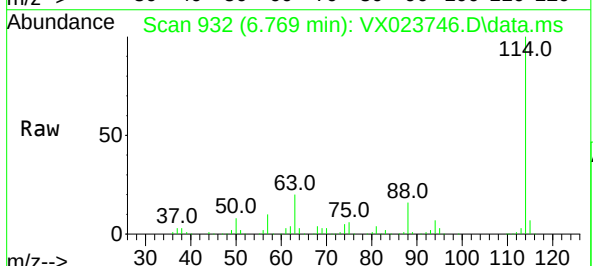
Tgt Ion: 65 Resp: 103848
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

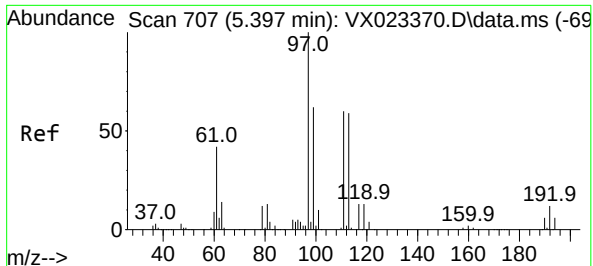


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 114 Resp: 251633
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.923 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023746.D

Acq: 16 Aug 2021 18:22

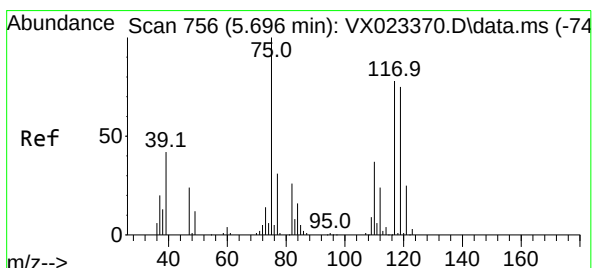
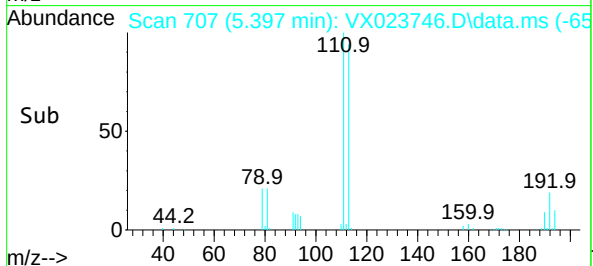
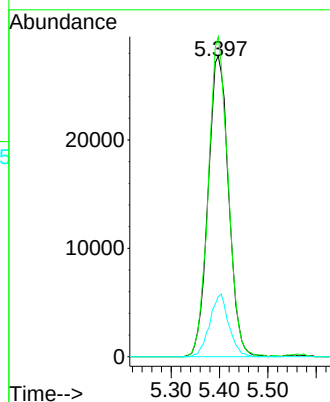
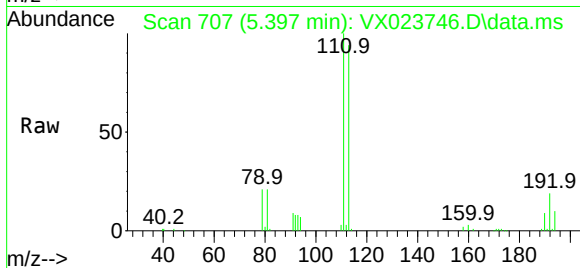
Tgt Ion:113 Resp: 81691

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.125 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023746.D

Acq: 16 Aug 2021 18:22

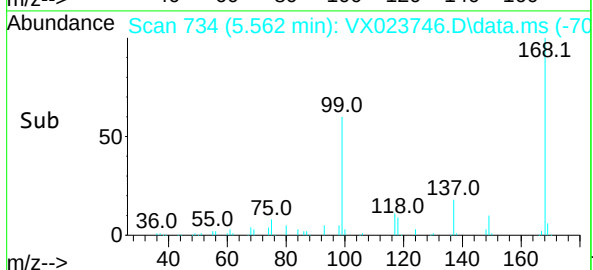
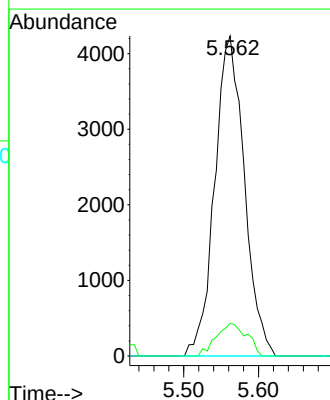
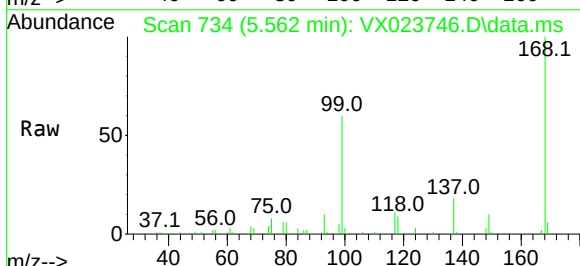
Tgt Ion: 75 Resp: 11665

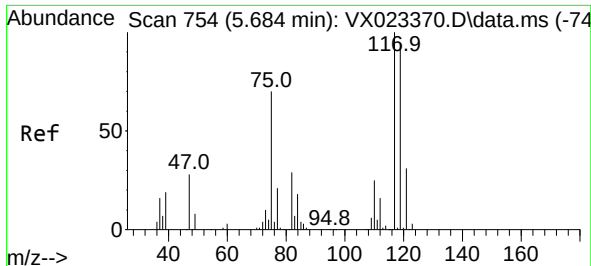
Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

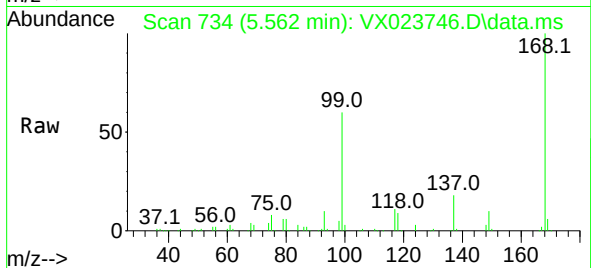
77 0.0 25.3 37.9#



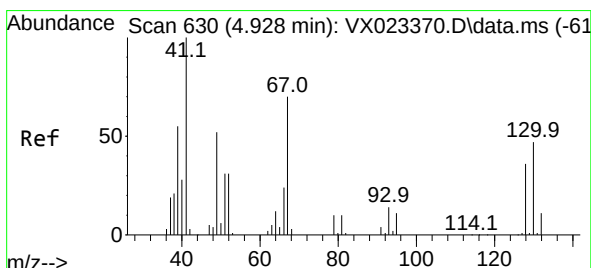
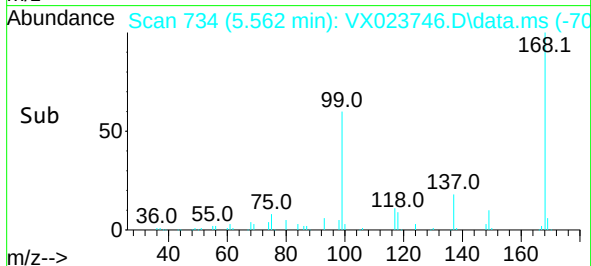
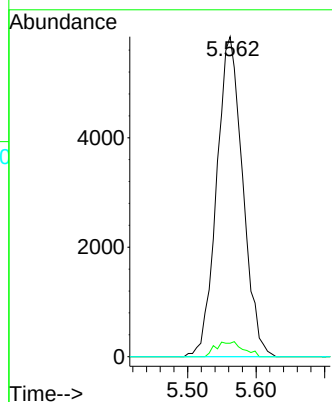


#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Instrument :
MSVOA_X
ClientSampled :

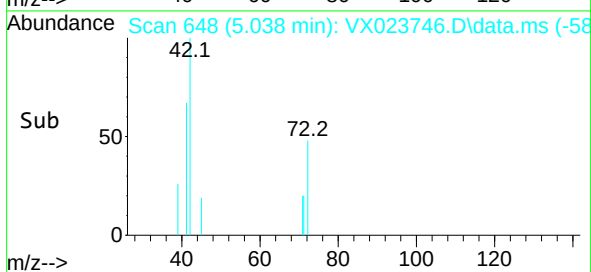
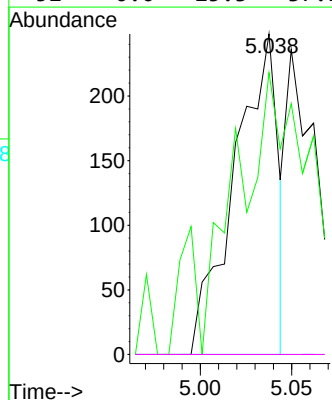
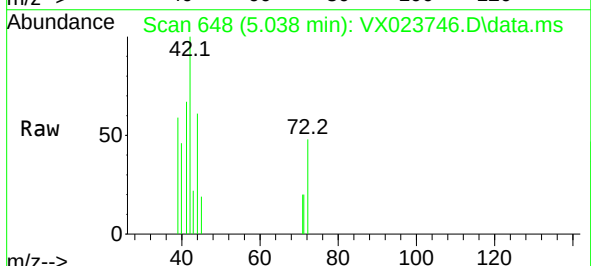


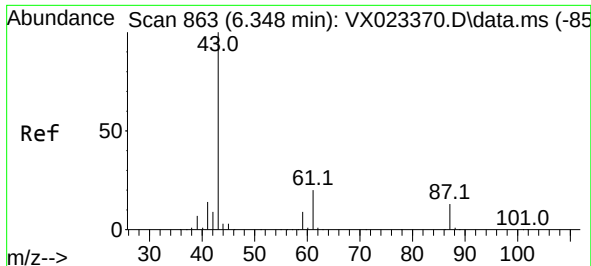
Tgt Ion:117 Resp: 15394
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.271 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 41 Resp: 411
Ion Ratio Lower Upper
41 100
39 154.5 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

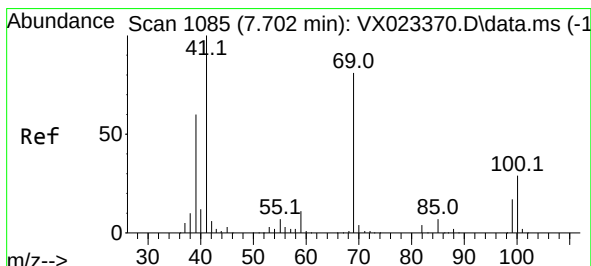
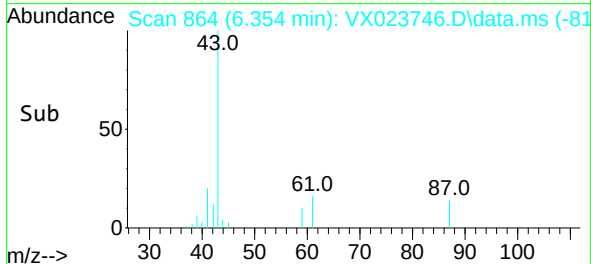
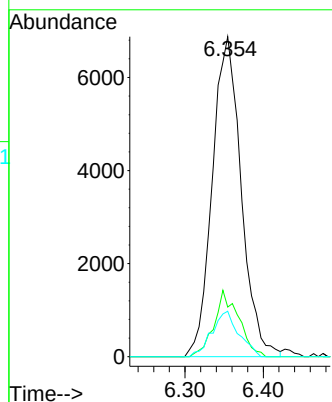
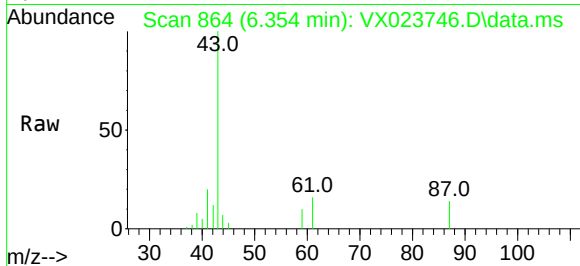




#43
Isopropyl Acetate
Concen: 3.959 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

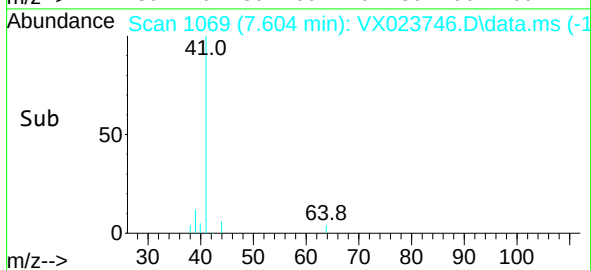
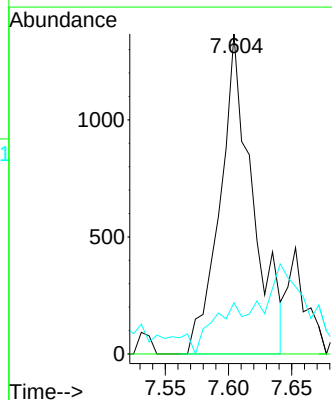
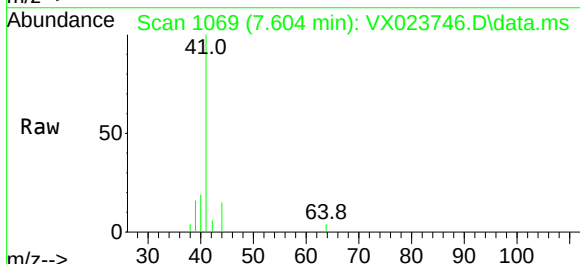
Instrument :
MSVOA_X
ClientSampled :

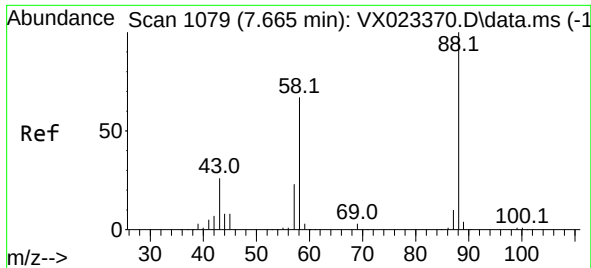
Tgt Ion: 43 Resp: 17609
Ion Ratio Lower Upper
43 100
61 17.7 18.2 27.4#
87 13.2 12.5 18.7



#48
Methyl methacrylate
Concen: 1.187 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 41 Resp: 2445
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

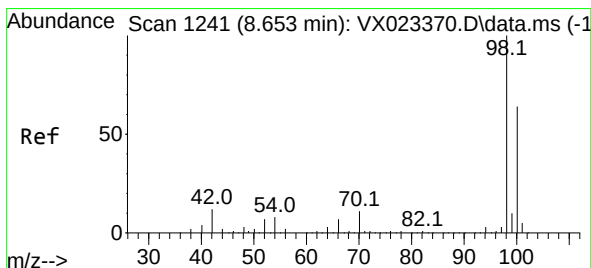
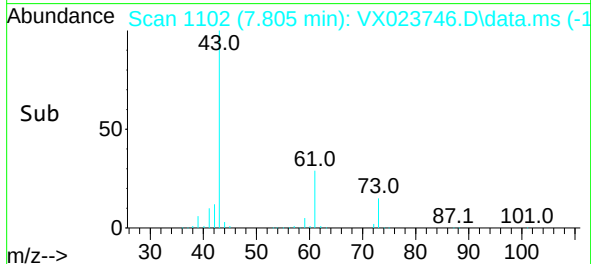
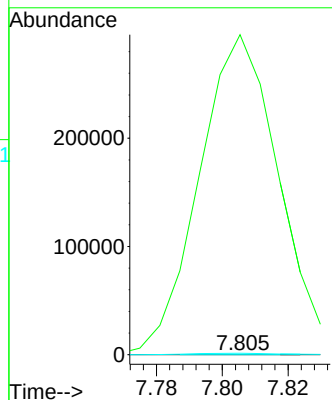
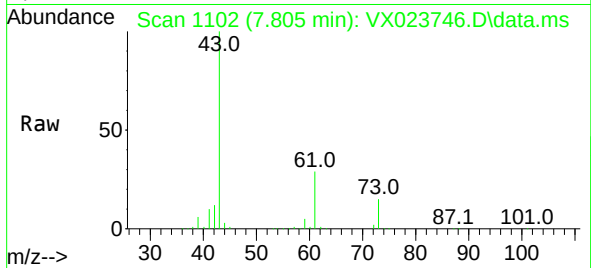




#49
1,4-Dioxane
Concen: 0.935 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

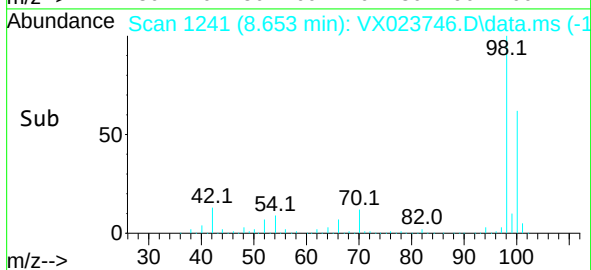
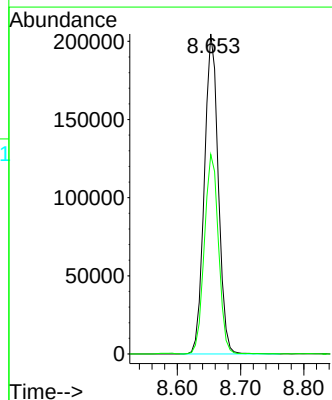
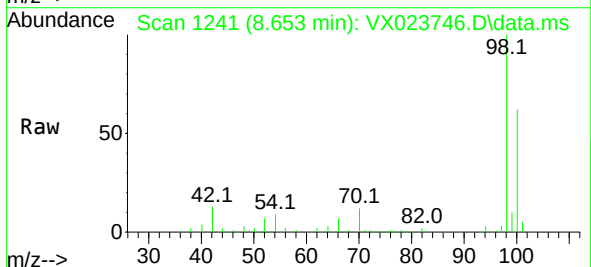
Instrument :
MSVOA_X
ClientSampled :

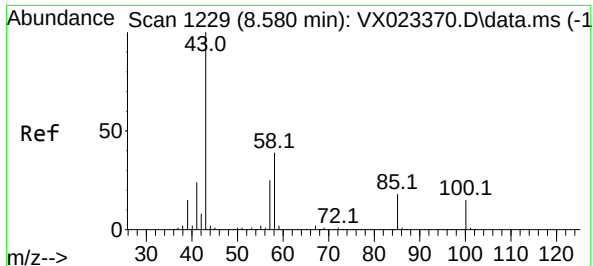
Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 1226480.5 23.2 34.8#
58 6122.0 55.0 82.4#



#50
Toluene-d8
Concen: 54.319 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 98 Resp: 313988
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

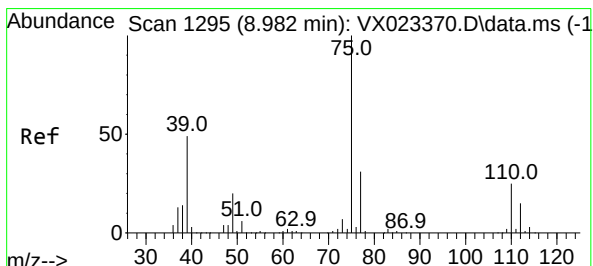
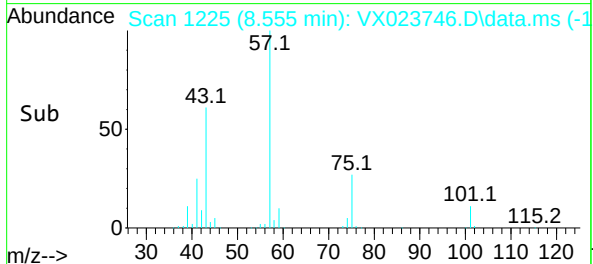
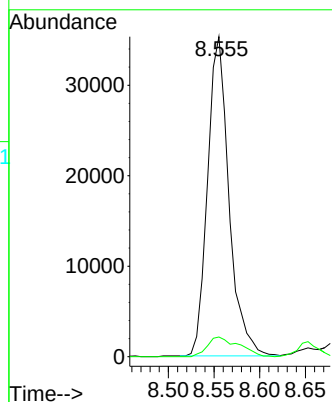
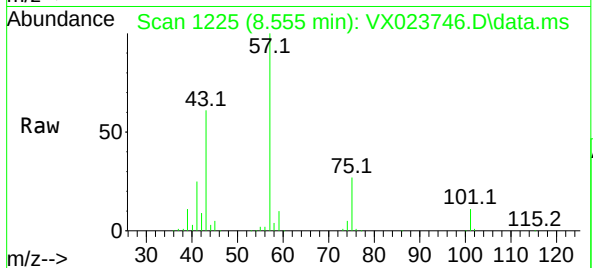




#51
4-Methyl-2-Pentanone
Concen: 21.112 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

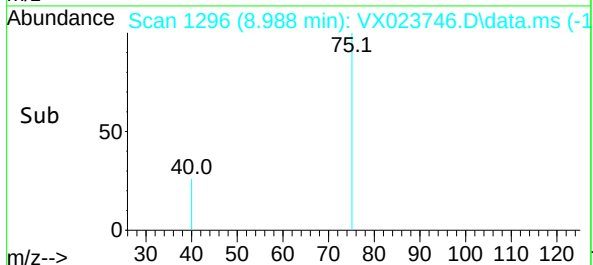
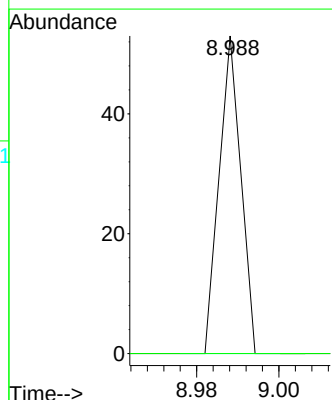
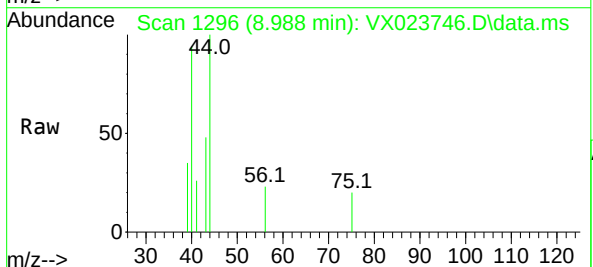
Instrument :
MSVOA_X
ClientSampled :

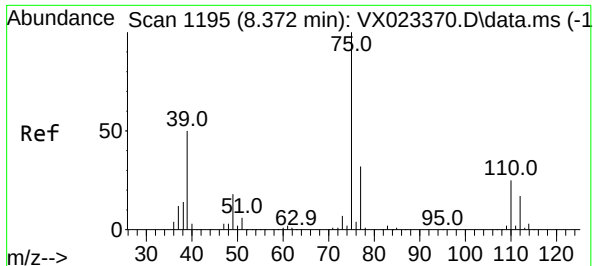
Tgt Ion: 43 Resp: 57428
Ion Ratio Lower Upper
43 100
58 9.1 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.823 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

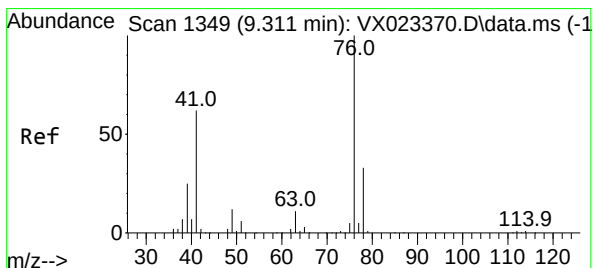
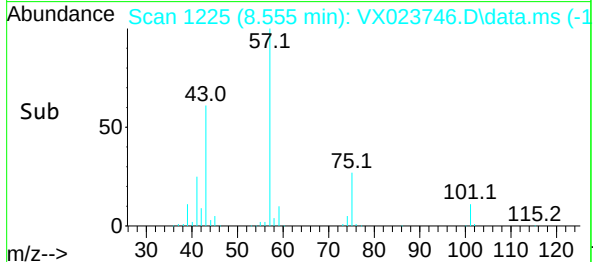
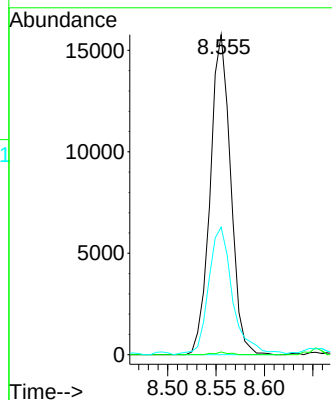
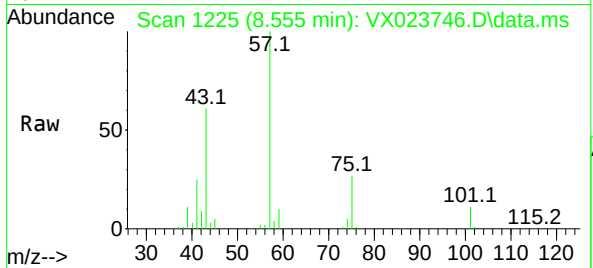




#54
 cis-1,3-Dichloropropene
 Concen: 8.530 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023746.D
 Acq: 16 Aug 2021 18:22

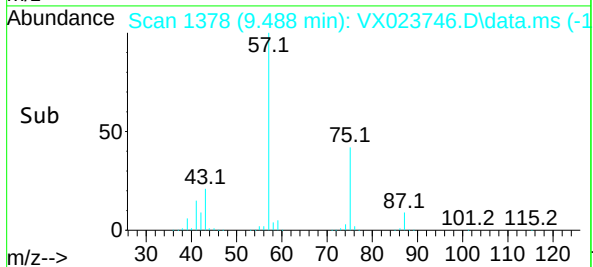
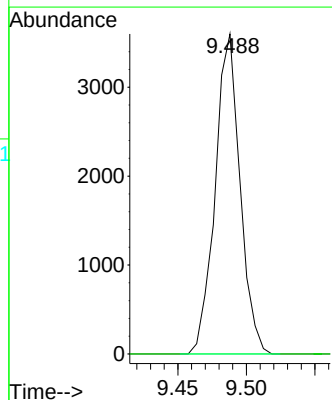
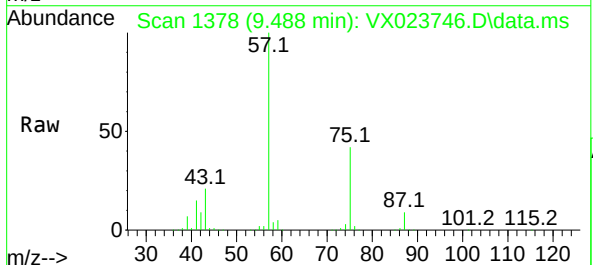
Instrument :
 MSVOA_X
 ClientSampled :

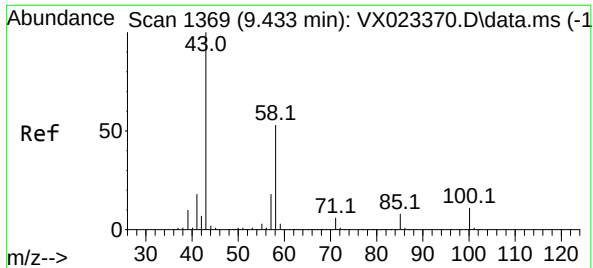
Tgt Ion: 75 Resp: 23207
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.7 38.5#
 39 39.4 35.1 52.7



#57
 1,3-Dichloropropane
 Concen: 1.577 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX023746.D
 Acq: 16 Aug 2021 18:22

Tgt Ion: 76 Resp: 4536
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

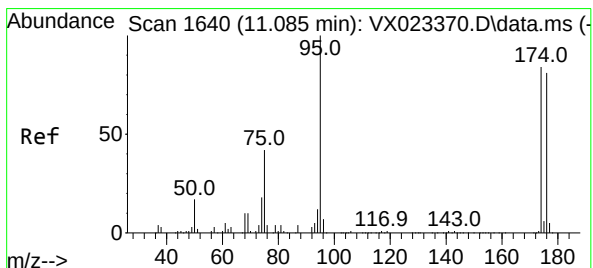
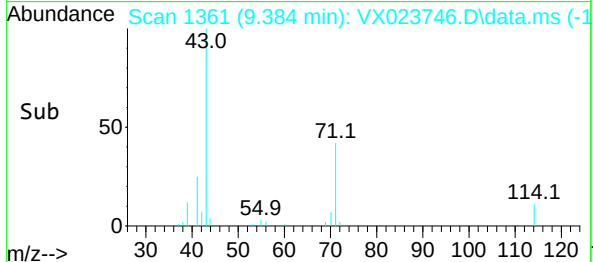
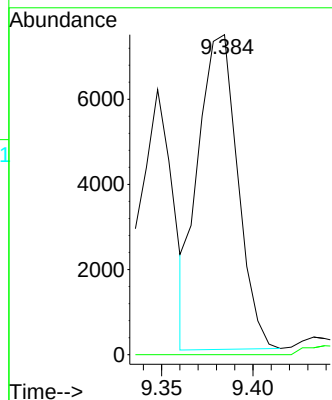
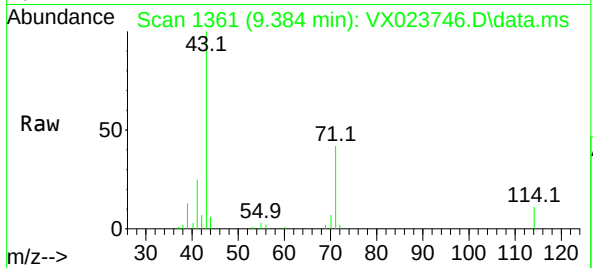




#59
2-Hexanone
Concen: 5.382 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

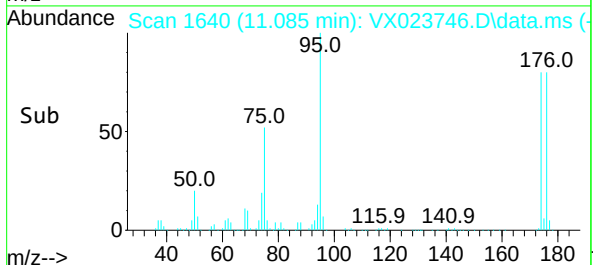
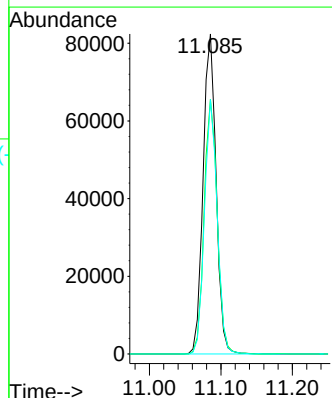
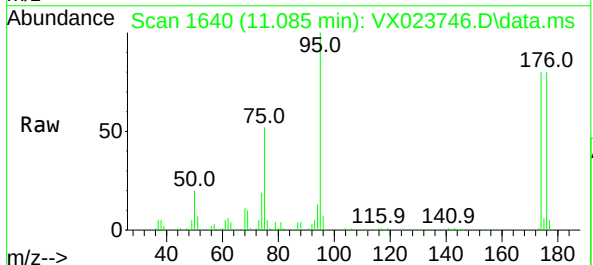
Instrument :
MSVOA_X
ClientSampled :

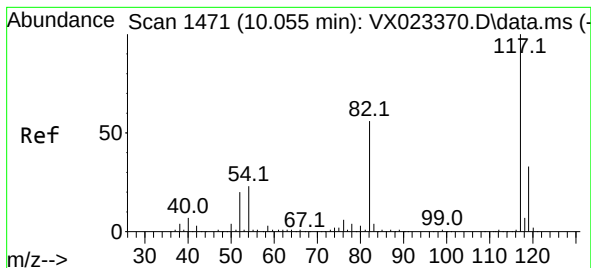
Tgt Ion: 43 Resp: 11118
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 52.970 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 95 Resp: 104117
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 77.9 0.0 155.8

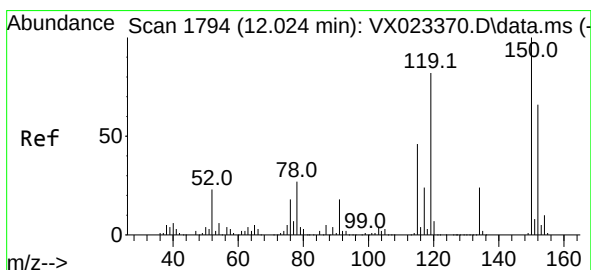
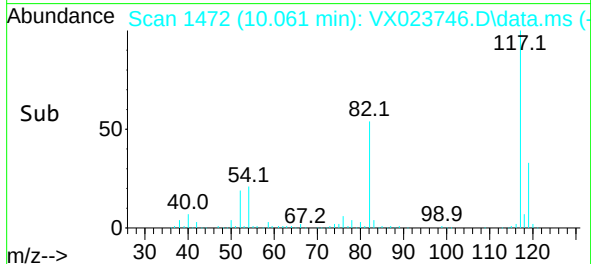
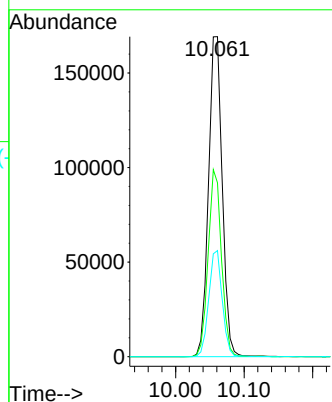
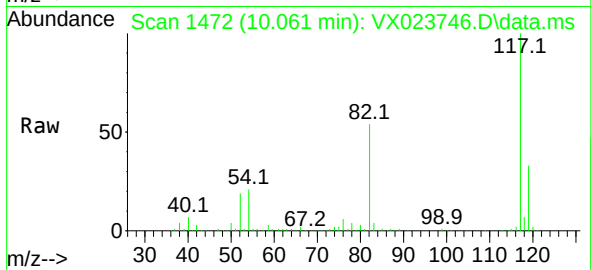




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

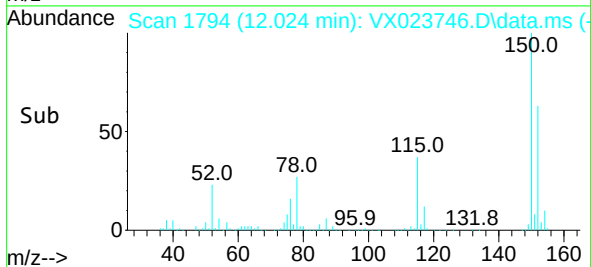
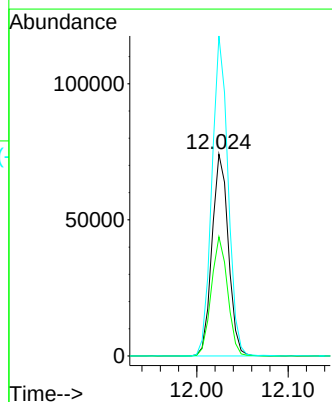
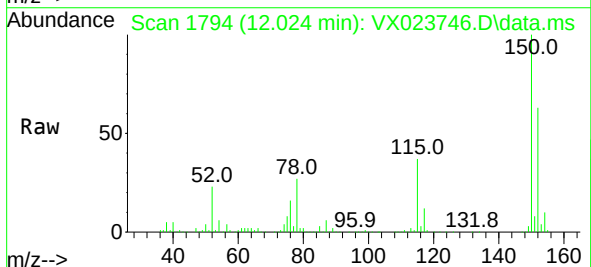
Instrument :
MSVOA_X
ClientSampled :

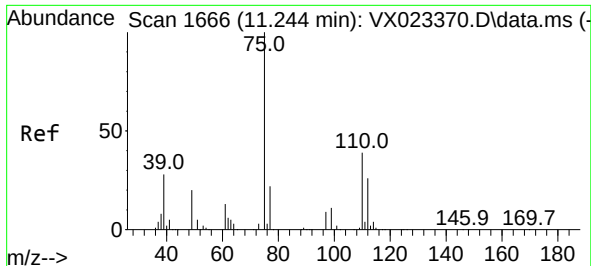
Tgt Ion:117 Resp: 236346
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion:152 Resp: 91890
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 156.6 0.0 349.0

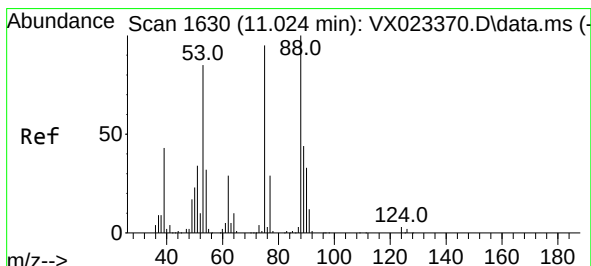
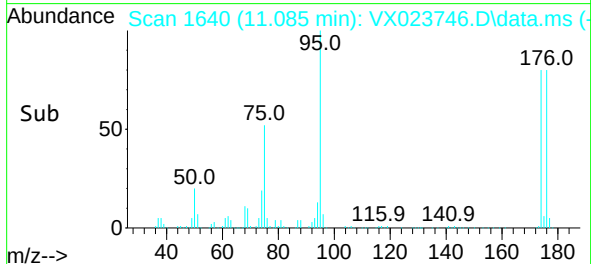
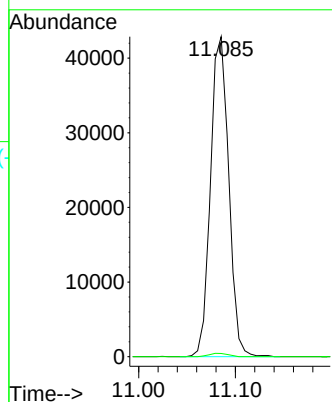
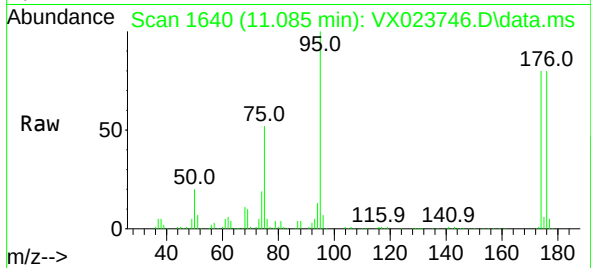




#76
1,2,3-Trichloropropane
Concen: 27.695 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 56002
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.468 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 75 Resp: 56002
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

