

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024738.D
 Acq On : 12 Oct 2021 03:00
 Operator : JC/MD
 Sample : M4158-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 08:09:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

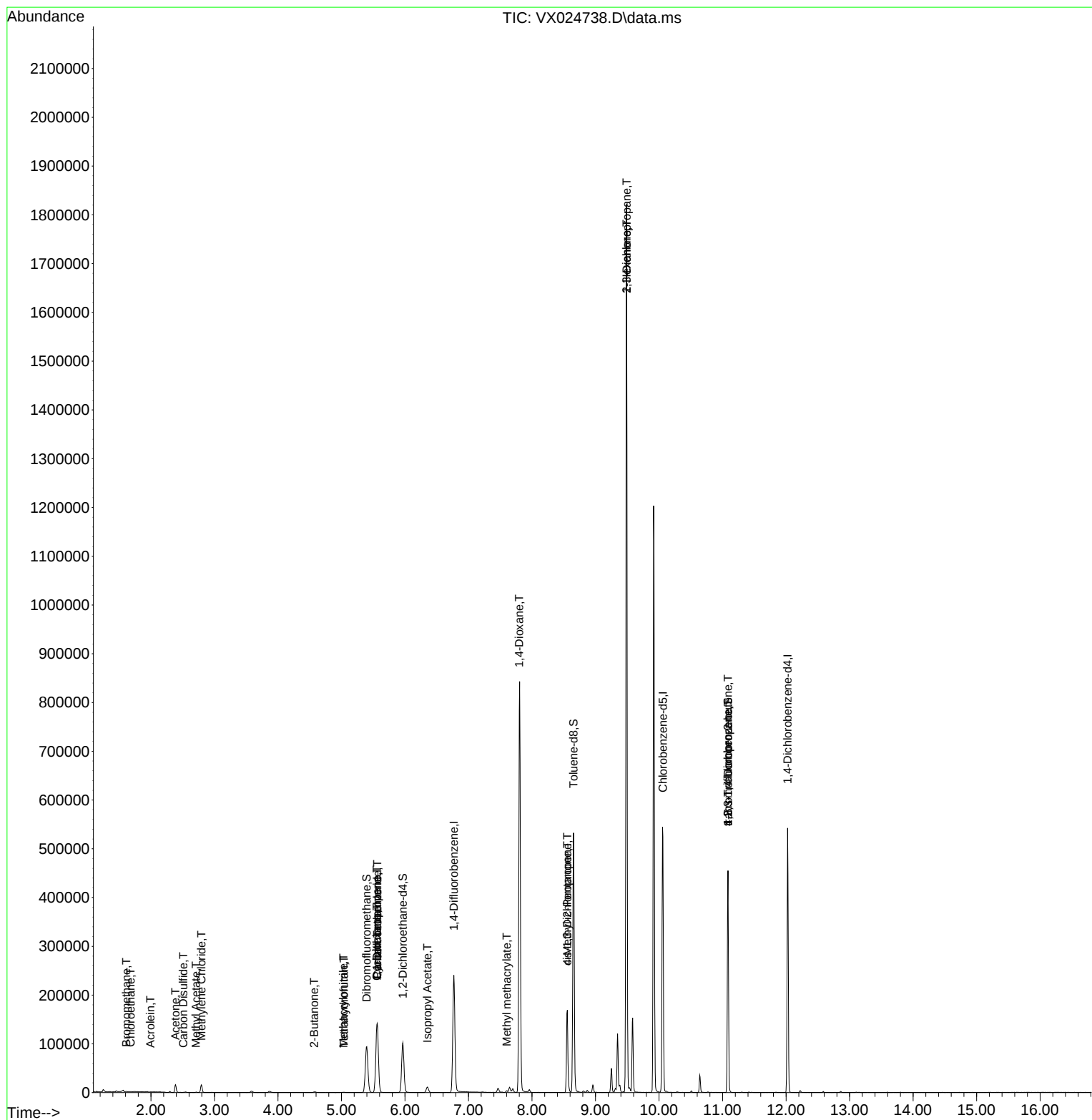
Internal Standards						
1) Pentafluorobenzene	5.562	168	133768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	244371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101742	53.966	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.940%	
35) Dibromofluoromethane	5.397	113	80371	51.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.020%	
50) Toluene-d8	8.652	98	299031	52.074	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	11.085	95	112718	49.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	262	0.293	ug/l #	73
6) Chloroethane	1.678	64	135	0.410	ug/l #	43
11) Tert butyl alcohol	2.952	59	458	Below Cal	#	73
13) Acrolein	1.989	56	19	10.237	ug/l #	1
16) Acetone	2.385	43	17181	11.942	ug/l	91
17) Carbon Disulfide	2.507	76	373	0.345	ug/l #	75
18) Methyl Acetate	2.708	43	1102	0.390	ug/l #	79
20) Methylene Chloride	2.794	84	6681	3.676	ug/l	92
25) 2-Butanone	4.568	43	2745	2.114	ug/l	93
29) Tetrahydrofuran	5.037	42	679	0.821	ug/l #	69
31) Cyclohexane	5.555	56	2927	1.297	ug/l #	44
36) 1,1-Dichloropropene	5.555	75	11043	4.905	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13855	5.653	ug/l #	15
41) Methacrylonitrile	5.031	41	401	0.276	ug/l #	36
43) Isopropyl Acetate	6.354	43	15695	3.673	ug/l	94
48) Methyl methacrylate	7.604	41	5187	2.451	ug/l #	10
49) 1,4-Dioxane	7.799	88	26	0.536	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	61407	21.766	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	25537	9.707	ug/l #	70
57) 1,3-Dichloropropane	9.488	76	14744	5.082	ug/l #	42
59) 2-Hexanone	9.488	43	216069	97.250	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	60273	24.646	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	60273	67.237	ug/l #	12

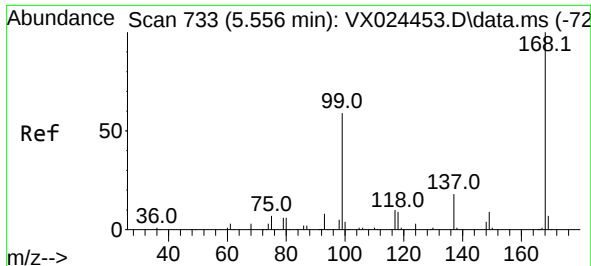
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
Data File : VX024738.D
Acq On : 12 Oct 2021 03:00
Operator : JC/MD
Sample : M4158-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 12 08:09:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

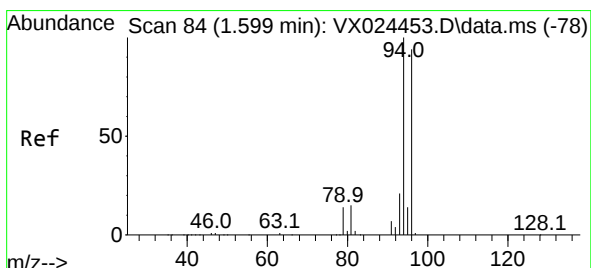
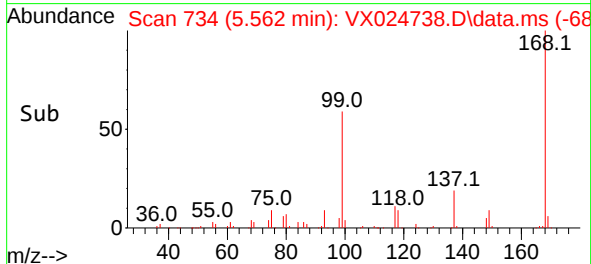
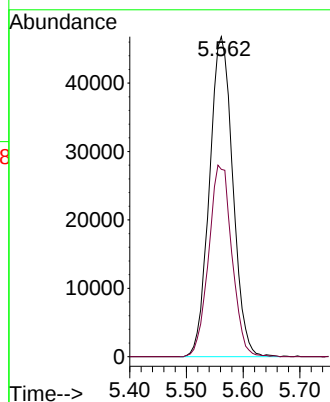
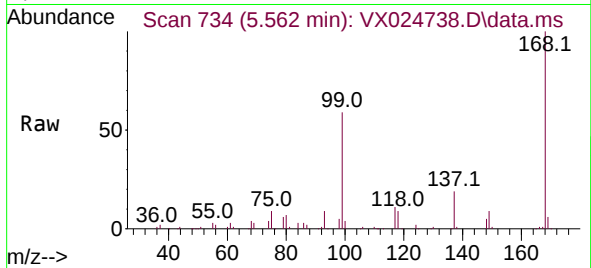




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

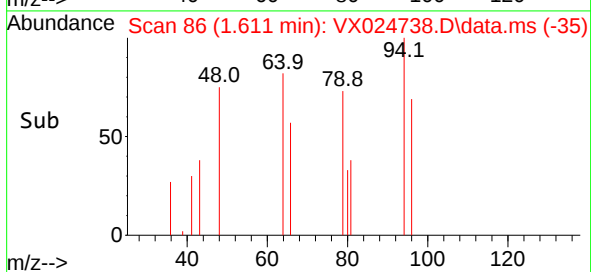
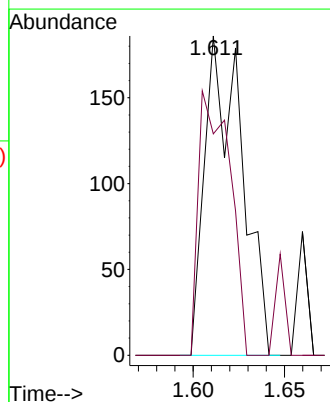
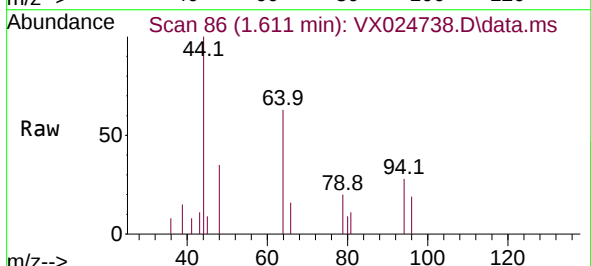
Instrument :
MSVOA_X
ClientSampled :

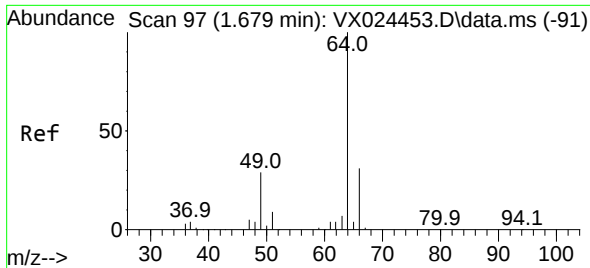
Tgt Ion:168 Resp: 133768
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#5
Bromomethane
Concen: 0.293 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 94 Resp: 262
Ion Ratio Lower Upper
94 100
96 69.4 76.4 114.6#

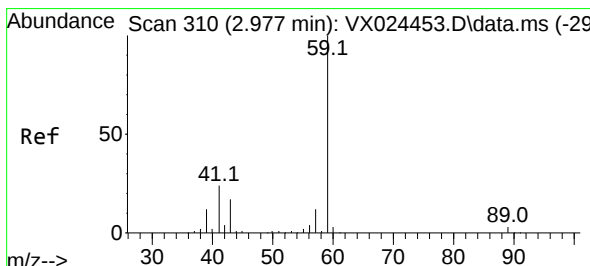
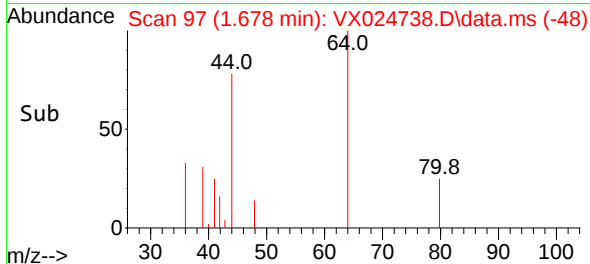
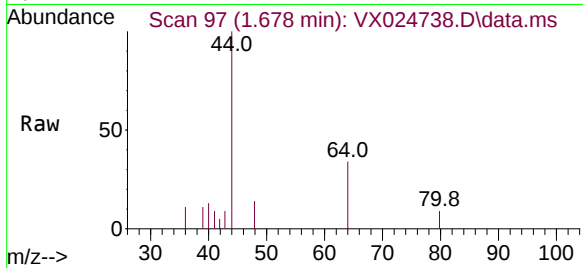




#6
Chloroethane
Concen: 0.410 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

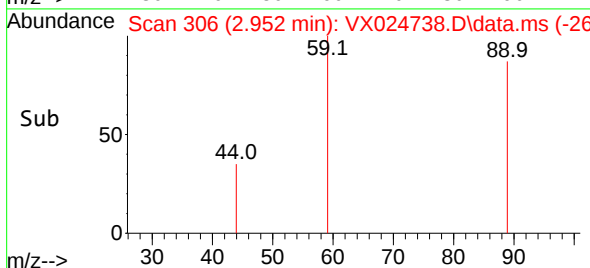
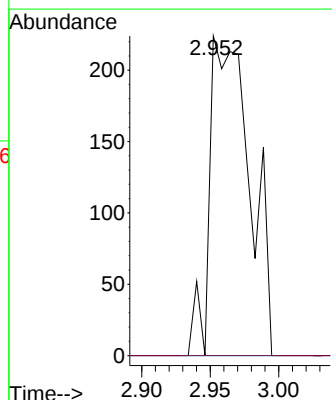
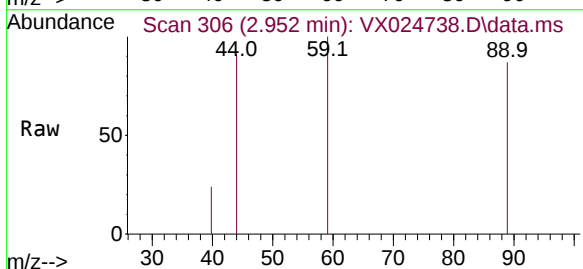
Instrument :
MSVOA_X
ClientSampled :

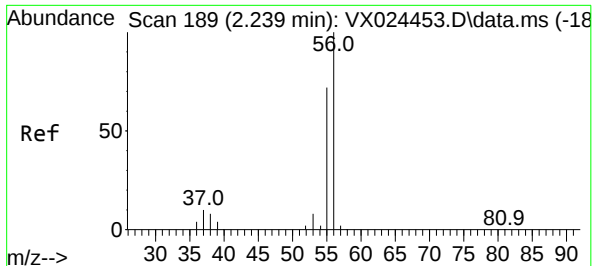
Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 59 Resp: 458
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

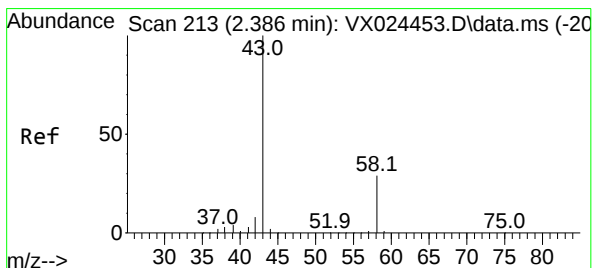
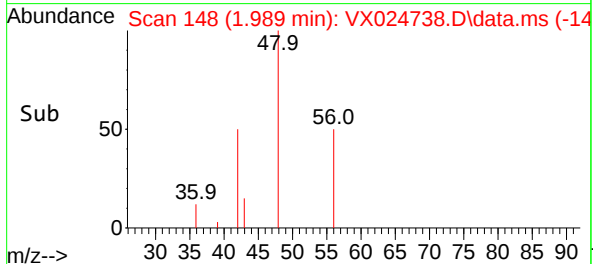
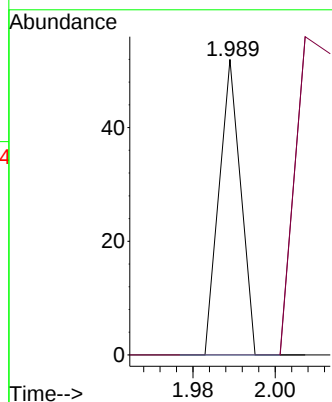
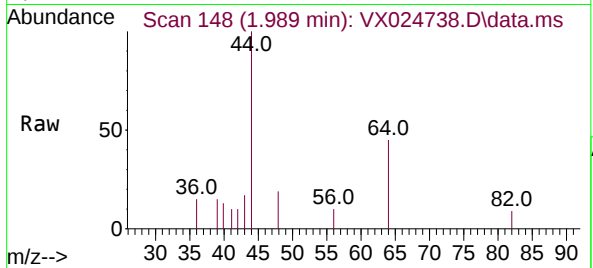




#13
Acrolein
Concen: 10.237 ug/l
RT: 1.989 min Scan# 148
Delta R.T. -0.250 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

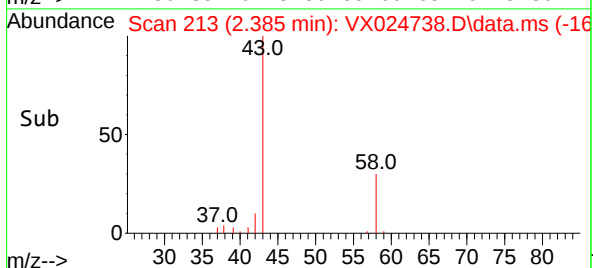
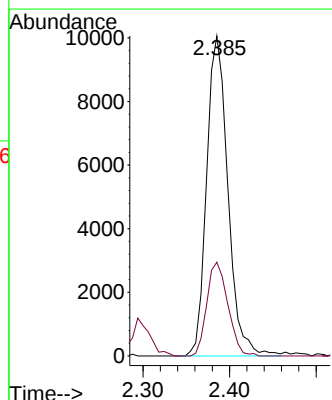
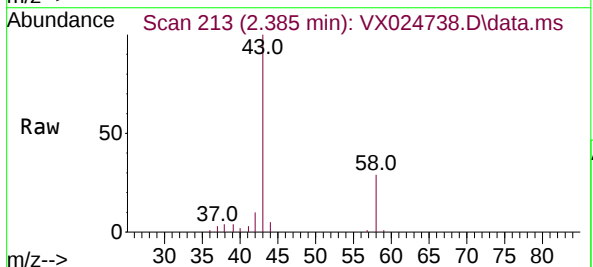
Instrument :
MSVOA_X
ClientSampled :

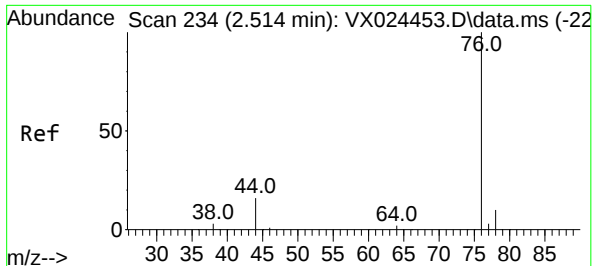
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 210.5 56.4 84.6#



#16
Acetone
Concen: 11.942 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 43 Resp: 17181
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8

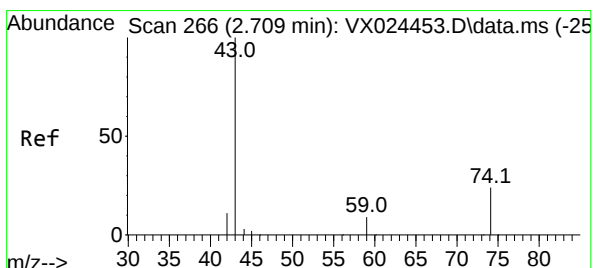
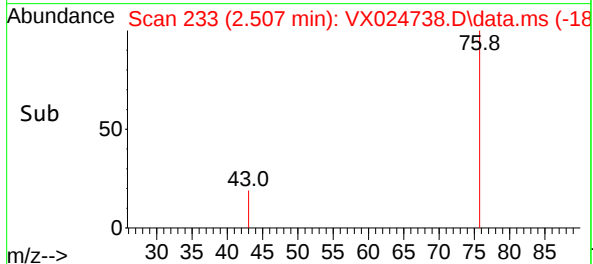
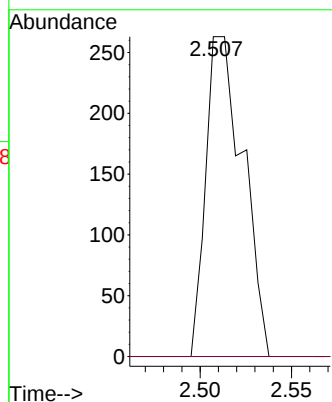
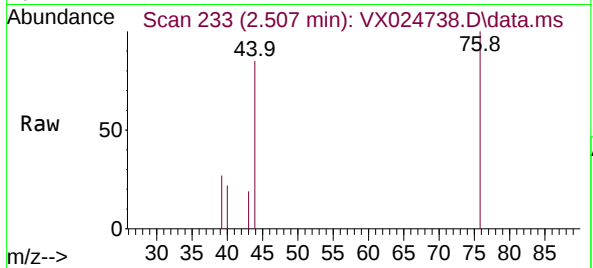




#17
Carbon Disulfide
Concen: 0.345 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

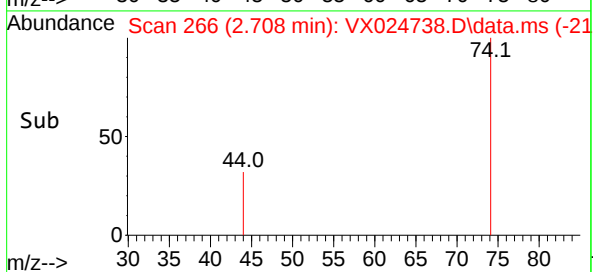
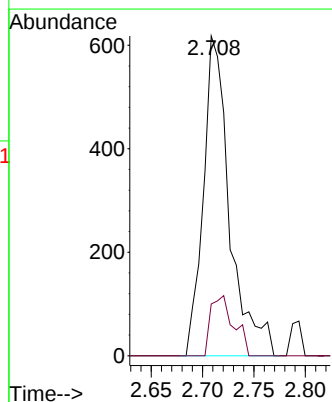
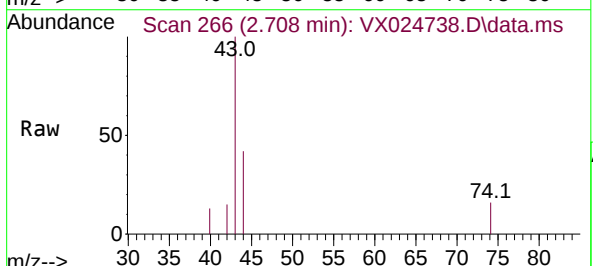
Instrument :
MSVOA_X
ClientSampled :

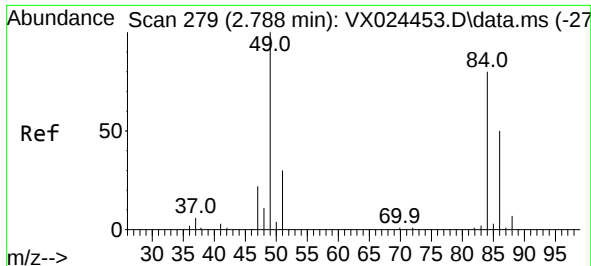
Tgt Ion: 76 Resp: 373
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.390 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.001 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
74 16.3 21.9 32.9#





#20

Methylene Chloride

Concen: 3.676 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024738.D

Acq: 12 Oct 2021 03:00

Tgt Ion: 84 Resp: 6681

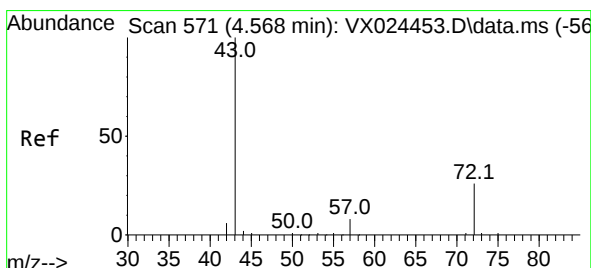
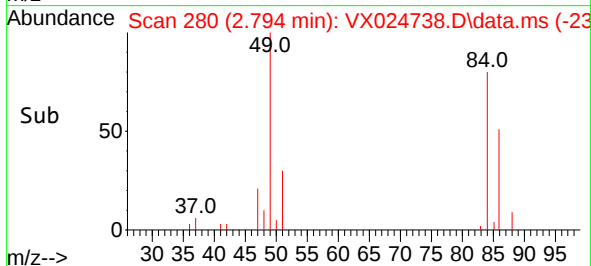
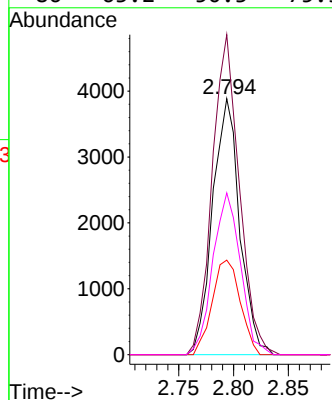
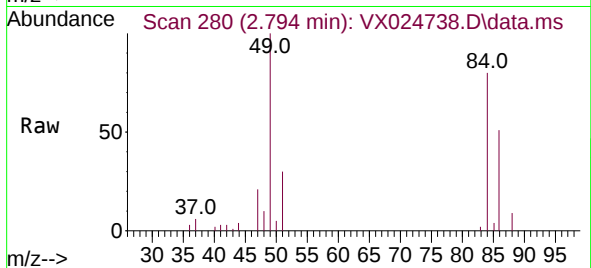
Ion Ratio Lower Upper

84 100

49 125.0 88.6 132.8

51 36.9 27.0 40.6

86 63.2 50.3 75.5



#25

2-Butanone

Concen: 2.114 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX024738.D

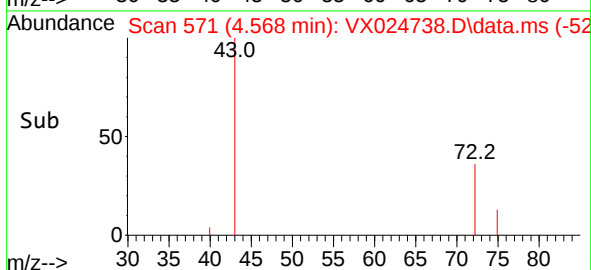
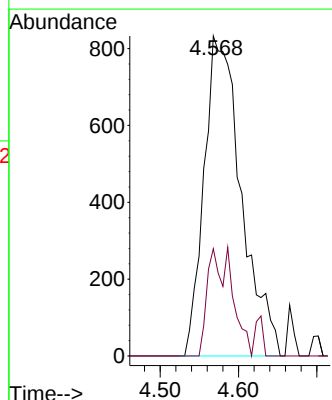
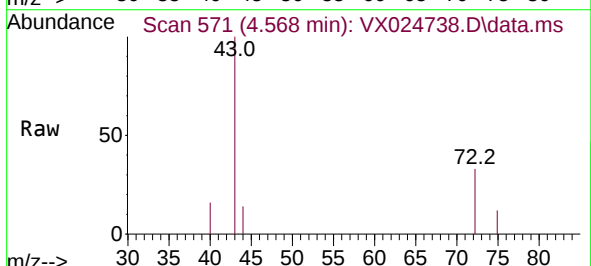
Acq: 12 Oct 2021 03:00

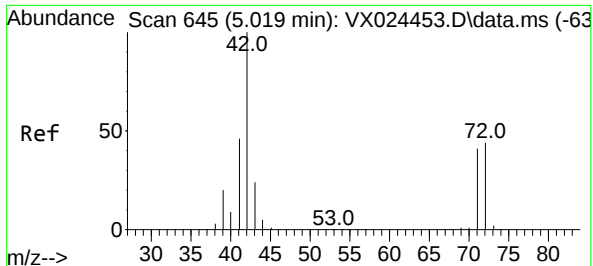
Tgt Ion: 43 Resp: 2745

Ion Ratio Lower Upper

43 100

72 33.5 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.821 ug/l

RT: 5.037 min Scan# 648

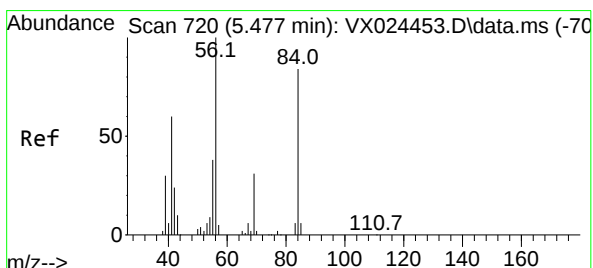
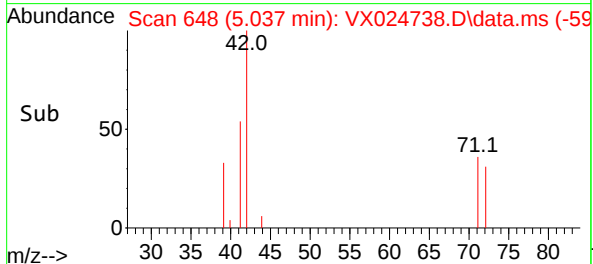
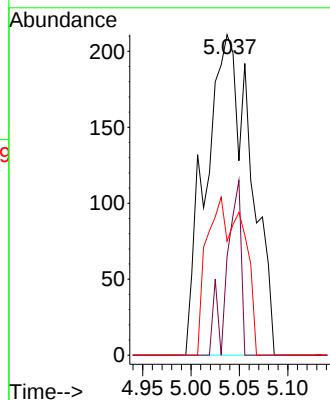
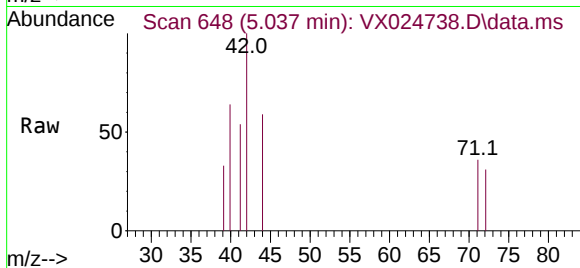
Delta R.T. 0.018 min

Lab File: VX024738.D

Acq: 12 Oct 2021 03:00

Tgt Ion:	42	Resp:	679
Ion	Ratio	Lower	Upper
42	100		
72	17.4	41.7	62.5#
71	39.9	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.297 ug/l

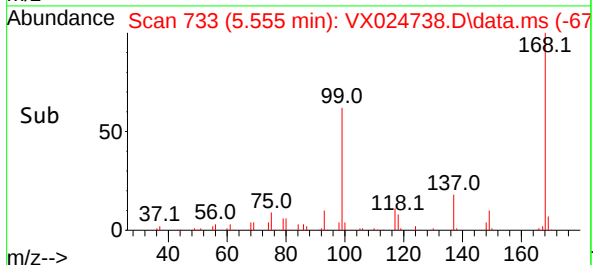
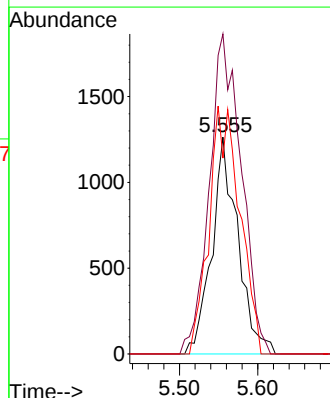
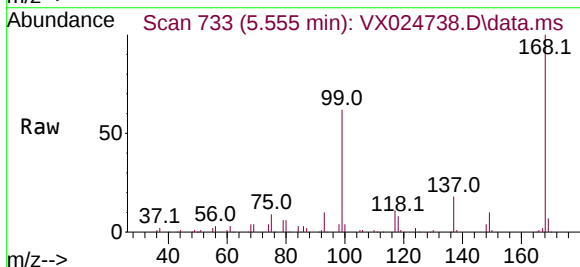
RT: 5.555 min Scan# 733

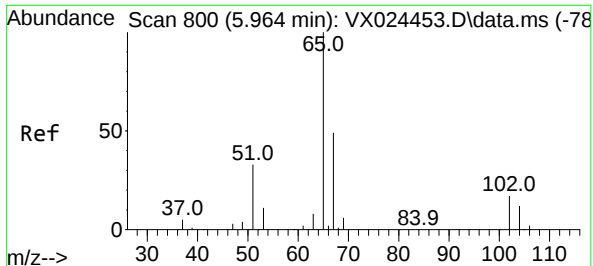
Delta R.T. 0.078 min

Lab File: VX024738.D

Acq: 12 Oct 2021 03:00

Tgt Ion:	56	Resp:	2927
Ion	Ratio	Lower	Upper
56	100		
69	147.5	25.3	37.9#
84	90.3	71.4	107.0



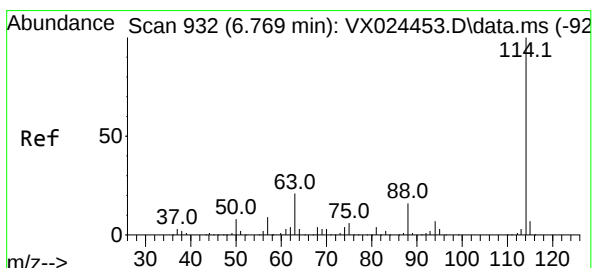
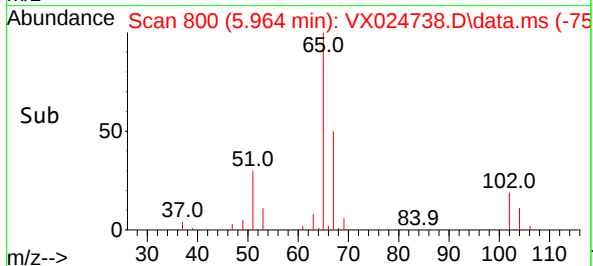
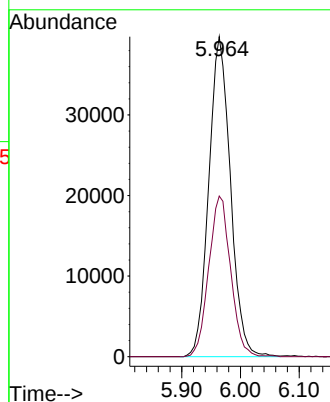
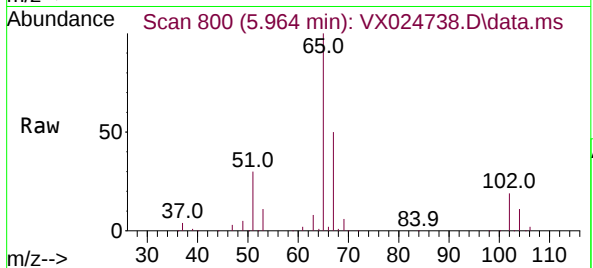


#33

1,2-Dichloroethane-d4
Concen: 53.966 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Instrument :
MSVOA_X
ClientSampleId :

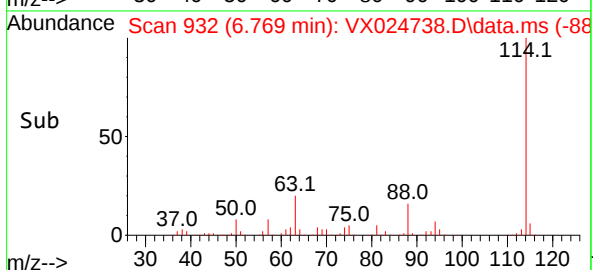
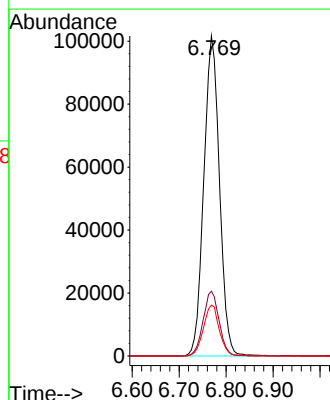
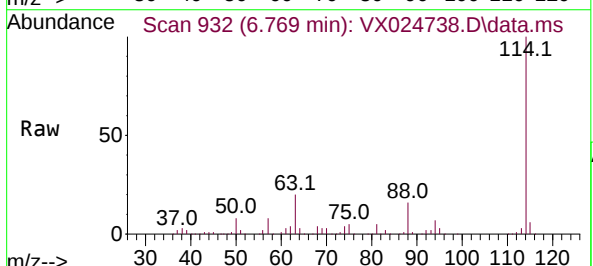
Tgt Ion: 65 Resp: 101742
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

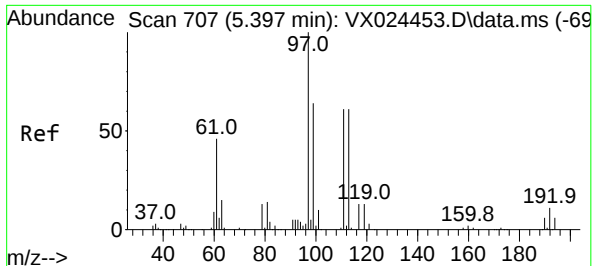


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 114 Resp: 234857
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.513 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX024738.D

Acq: 12 Oct 2021 03:00

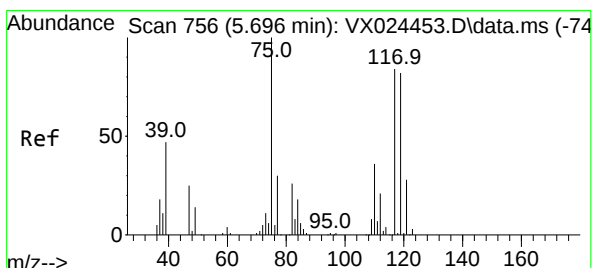
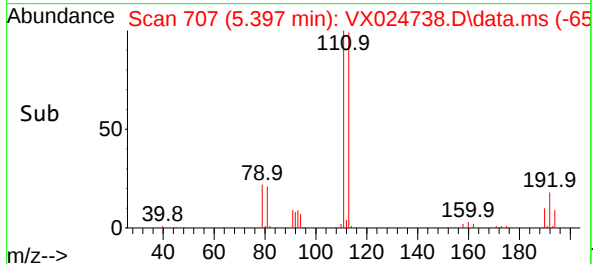
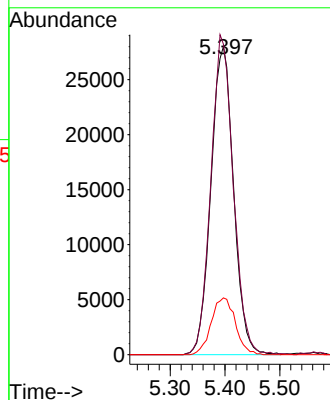
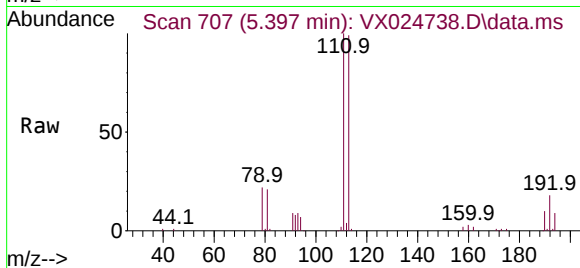
Tgt Ion:113 Resp: 80371

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 19.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.905 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX024738.D

Acq: 12 Oct 2021 03:00

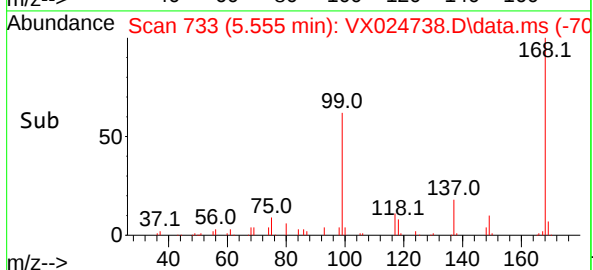
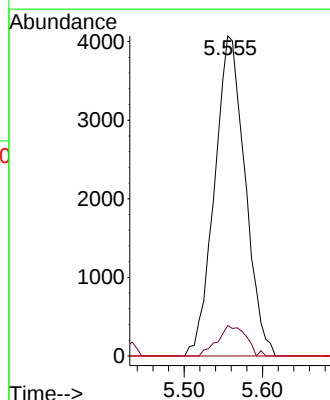
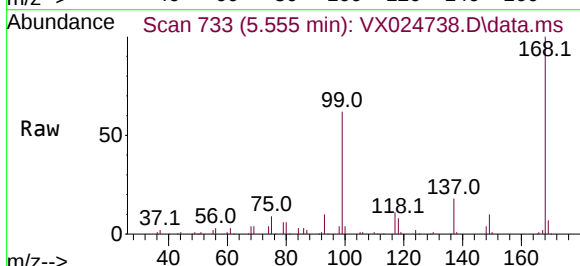
Tgt Ion: 75 Resp: 11043

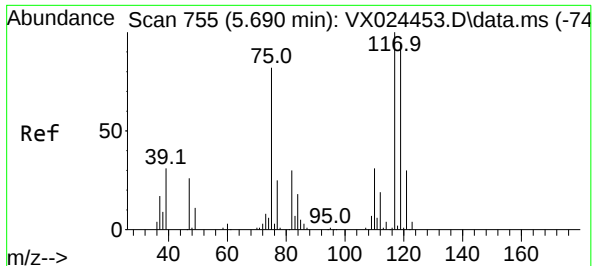
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

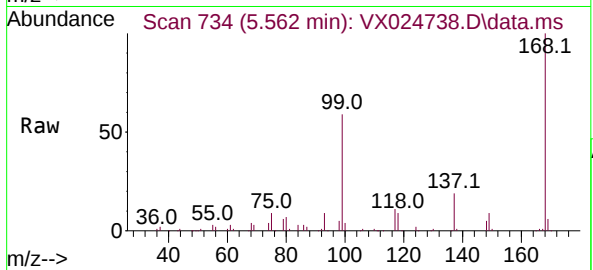
77 0.0 25.3 37.9#



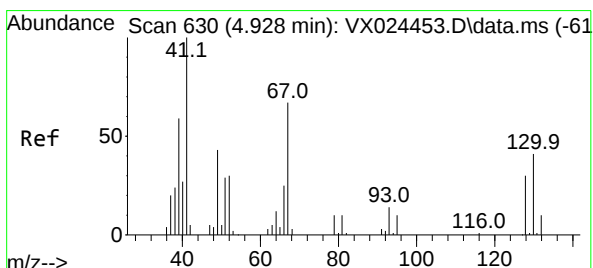
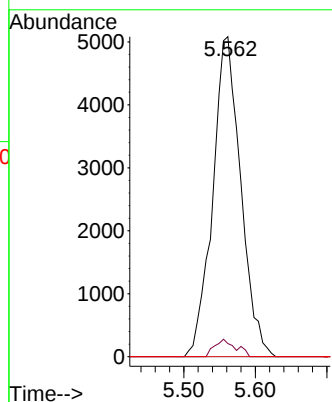
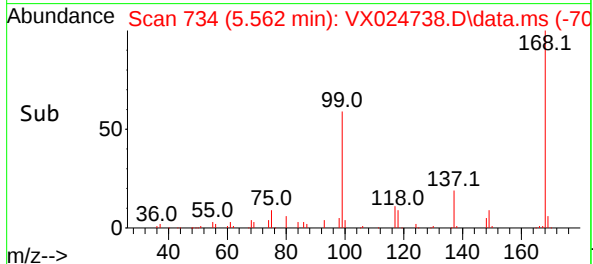


#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

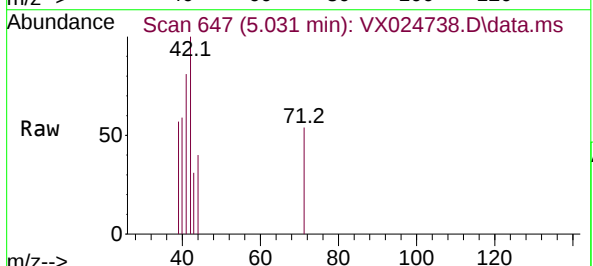
Instrument :
MSVOA_X
ClientSampleId :



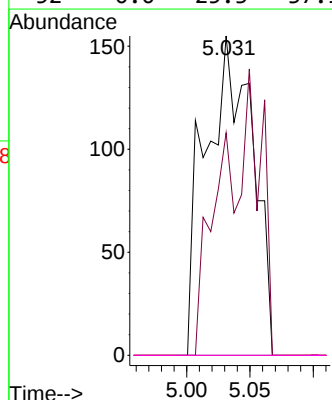
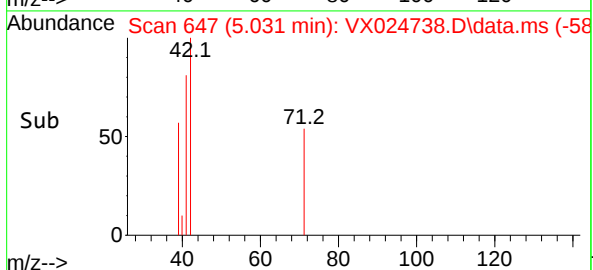
Tgt Ion:117 Resp: 13855
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#

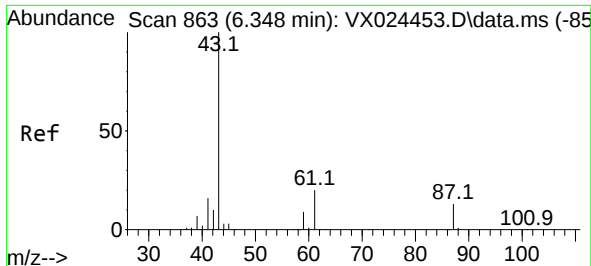


#41
Methacrylonitrile
Concen: 0.276 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00



Tgt Ion: 41 Resp: 401
Ion Ratio Lower Upper
41 100
39 35.2 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

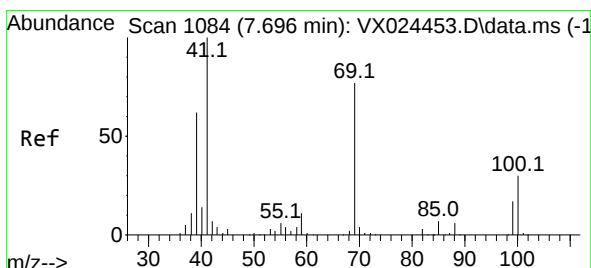
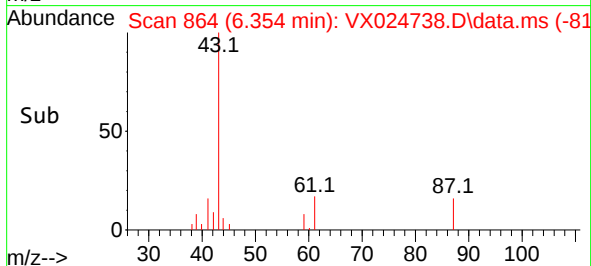
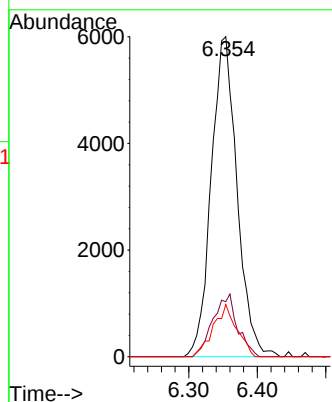
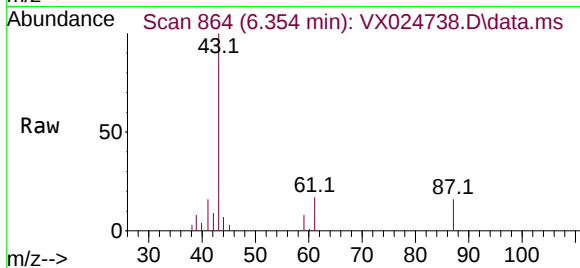




#43
Isopropyl Acetate
Concen: 3.673 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

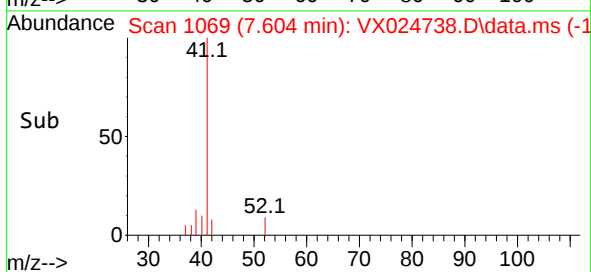
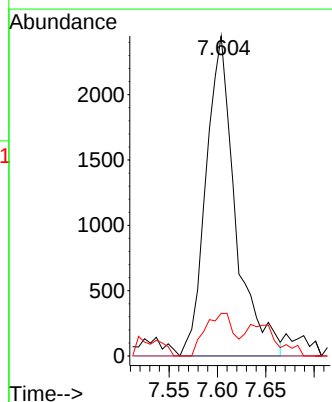
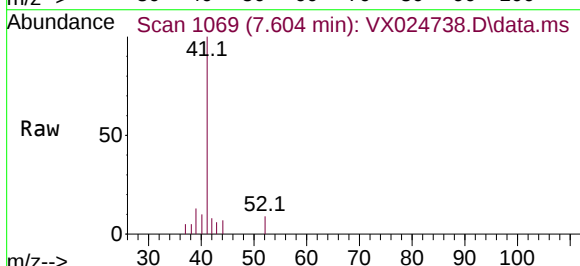
Instrument :
MSVOA_X
ClientSampled :

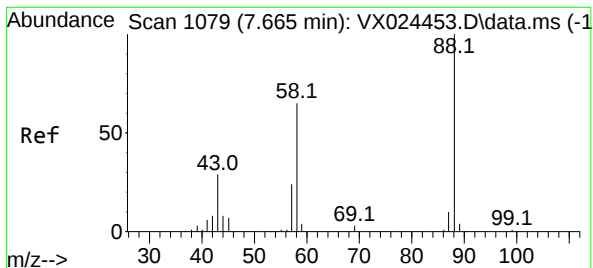
Tgt Ion:	43	Resp:	15695
Ion	Ratio	Lower	Upper
43	100		
61	18.5	18.2	27.4
87	14.9	12.5	18.7



#48
Methyl methacrylate
Concen: 2.451 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion:	41	Resp:	5187
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

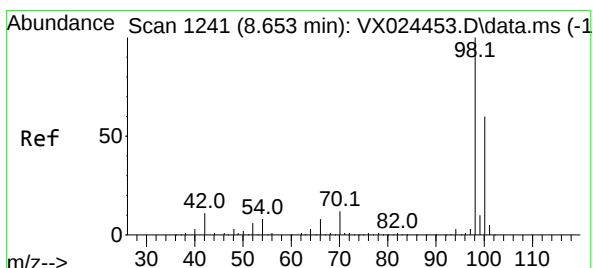
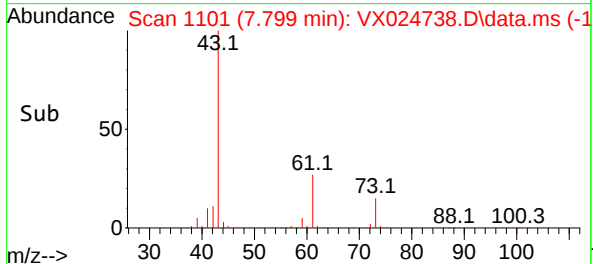
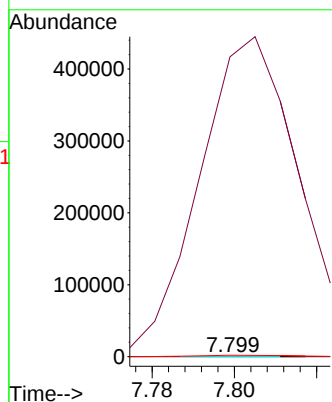
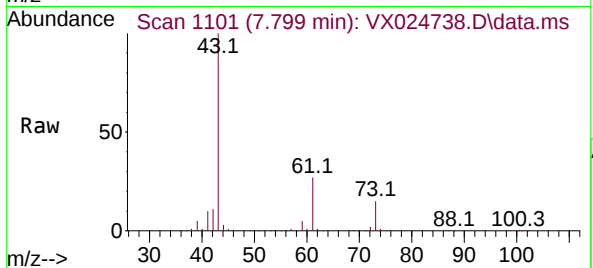




#49
1,4-Dioxane
Concen: 0.536 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

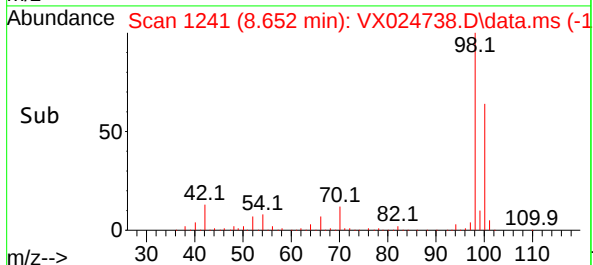
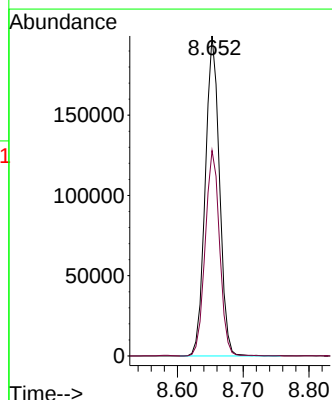
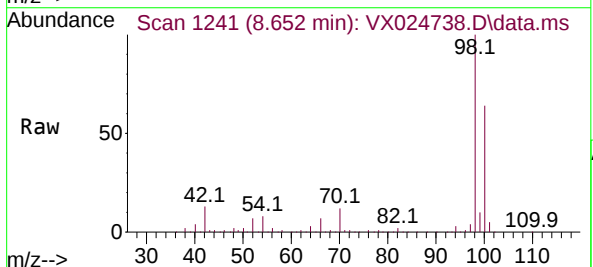
Instrument :
MSVOA_X
ClientSampled :

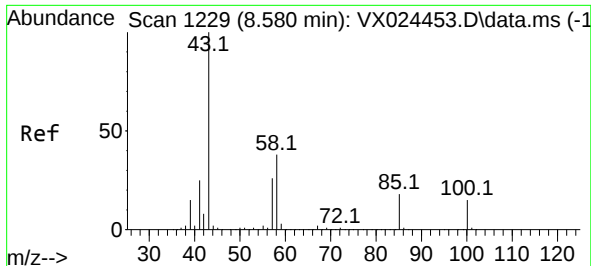
Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 2942634.6 23.2 34.8#
58 13038.5 55.0 82.4#



#50
Toluene-d8
Concen: 52.074 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 98 Resp: 299031
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

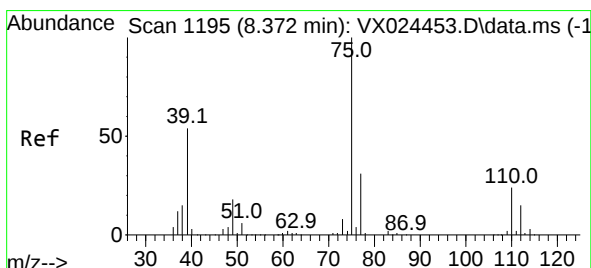
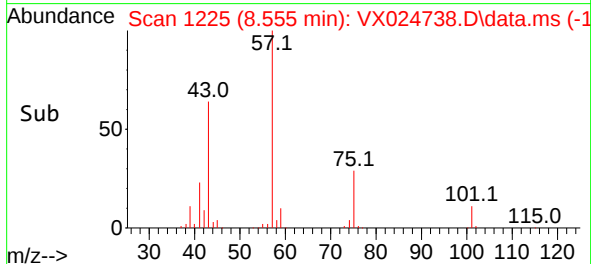
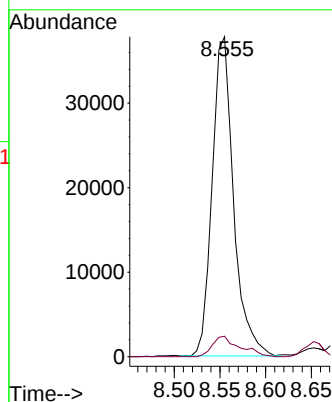
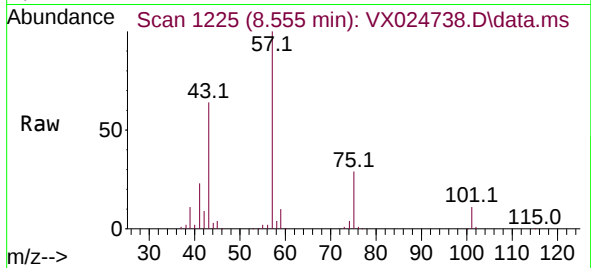




#51
4-Methyl-2-Pentanone
Concen: 21.766 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

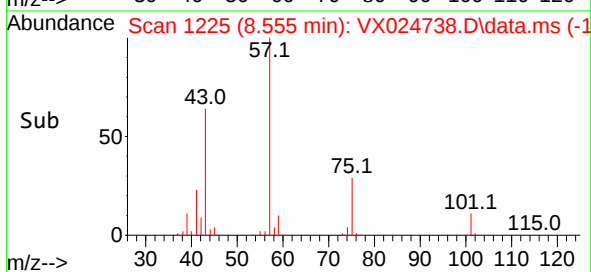
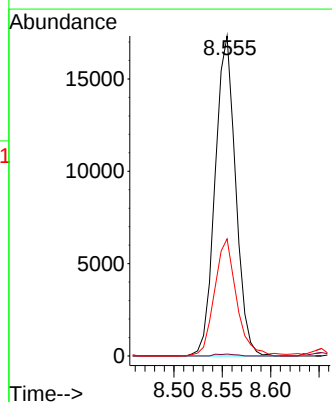
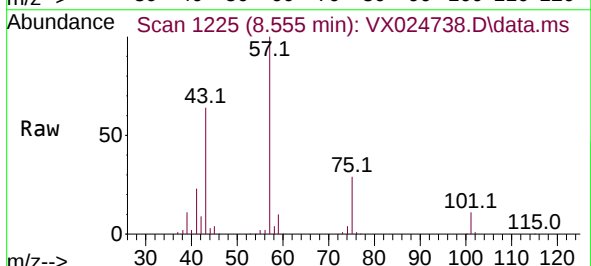
Instrument :
MSVOA_X
ClientSampled :

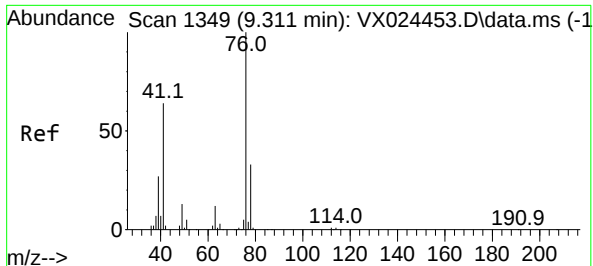
Tgt Ion: 43 Resp: 61407
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 9.707 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 75 Resp: 25537
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 36.6 35.1 52.7



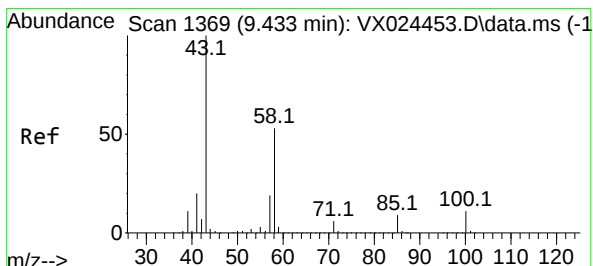
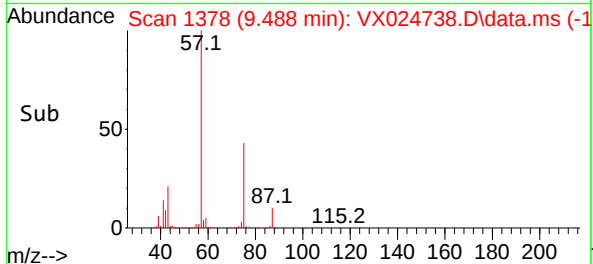
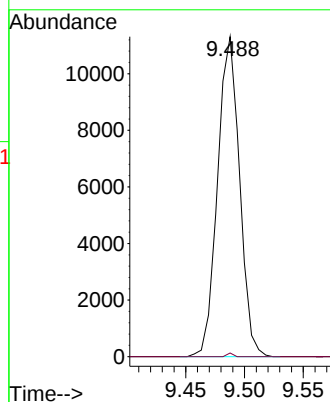
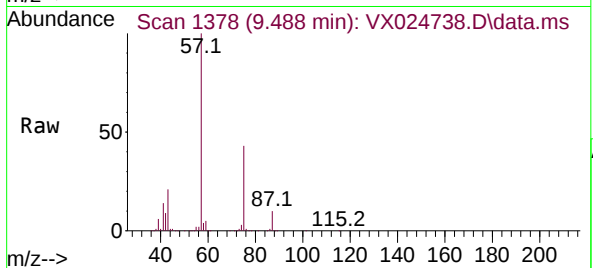


#57

1,3-Dichloropropane
Concen: 5.082 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Instrument :
MSVOA_X
ClientSampled :

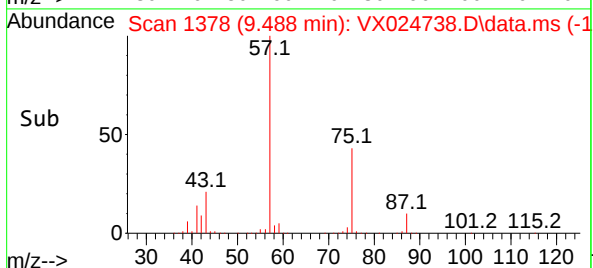
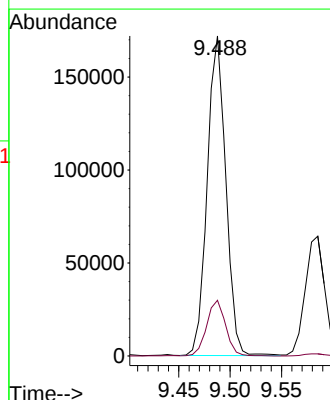
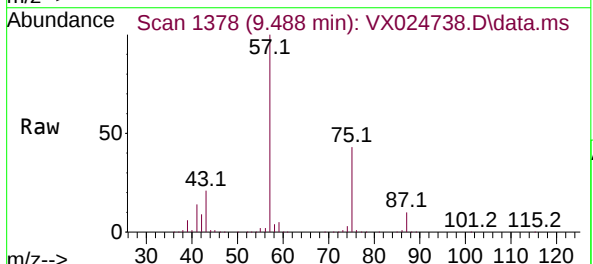
Tgt Ion: 76 Resp: 14744
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

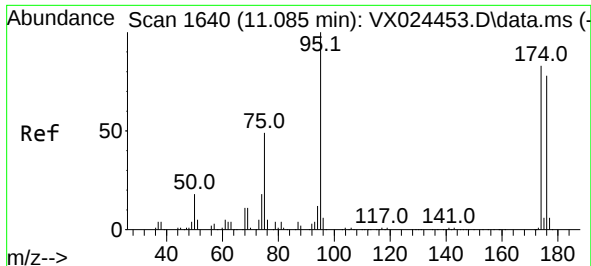


#59

2-Hexanone
Concen: 97.250 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 43 Resp: 216069
Ion Ratio Lower Upper
43 100
58 17.8 30.9 92.8#

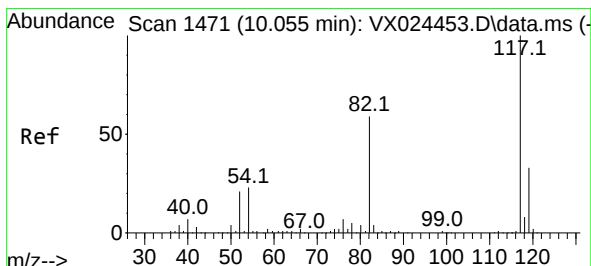
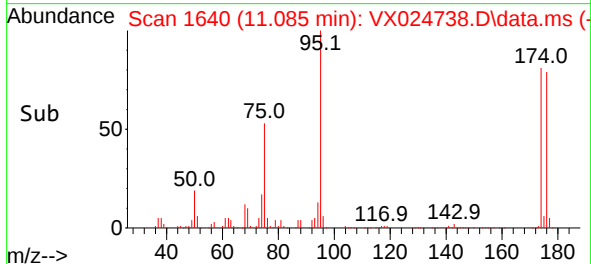
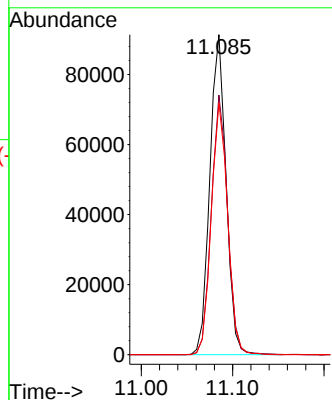
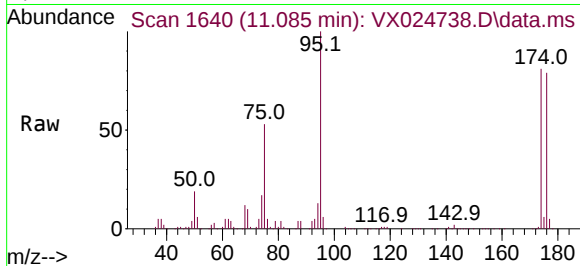




#62
4-Bromofluorobenzene
Concen: 49.924 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

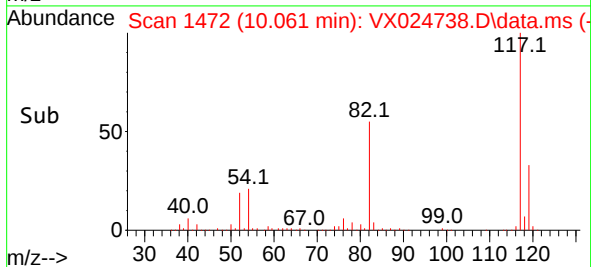
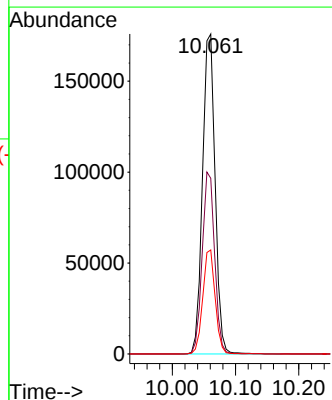
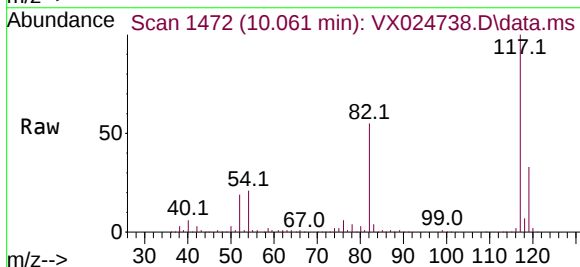
Instrument :
MSVOA_X
ClientSampled :

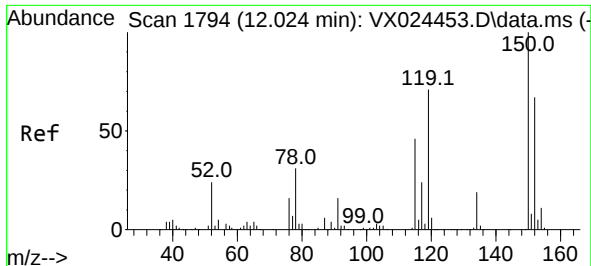
Tgt Ion: 95 Resp: 112718
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 79.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

Tgt Ion: 117 Resp: 244371
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 32.5 26.6 39.8

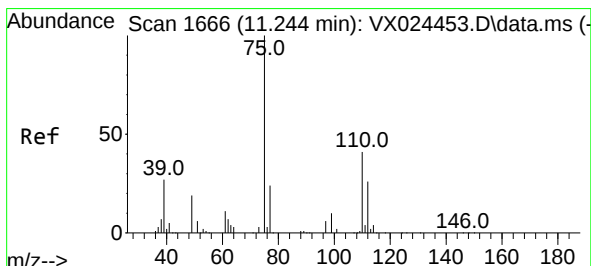
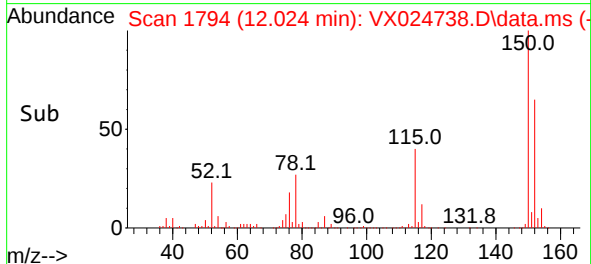
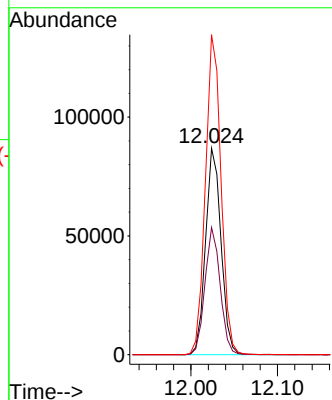
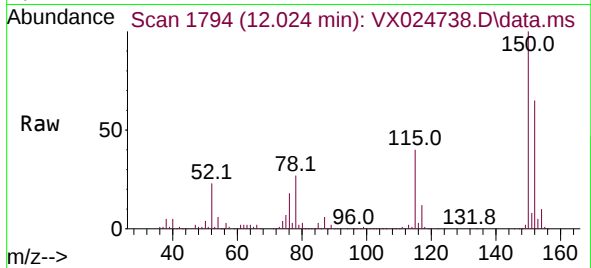




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

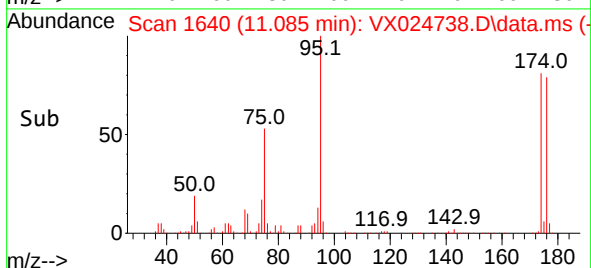
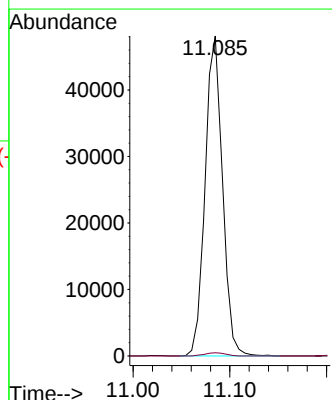
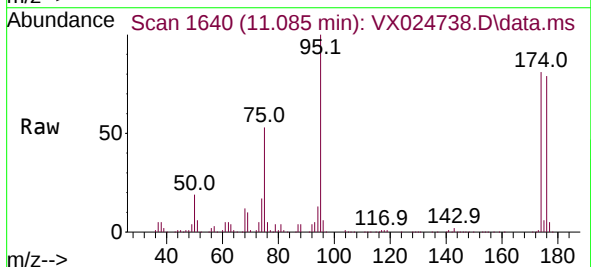
Instrument :
MSVOA_X
ClientSampled :

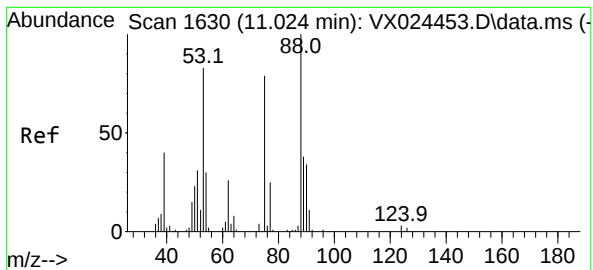
Tgt Ion:152 Resp: 107687
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 156.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.646 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024738.D
Acq: 12 Oct 2021 03:00

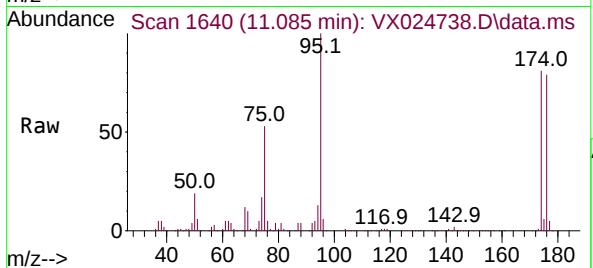
Tgt Ion: 75 Resp: 60273
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.237 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024738.D
 Acq: 12 Oct 2021 03:00

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60273
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

