

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024739.D
 Acq On : 12 Oct 2021 03:23
 Operator : JC/MD
 Sample : M4158-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 08:09:27 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)

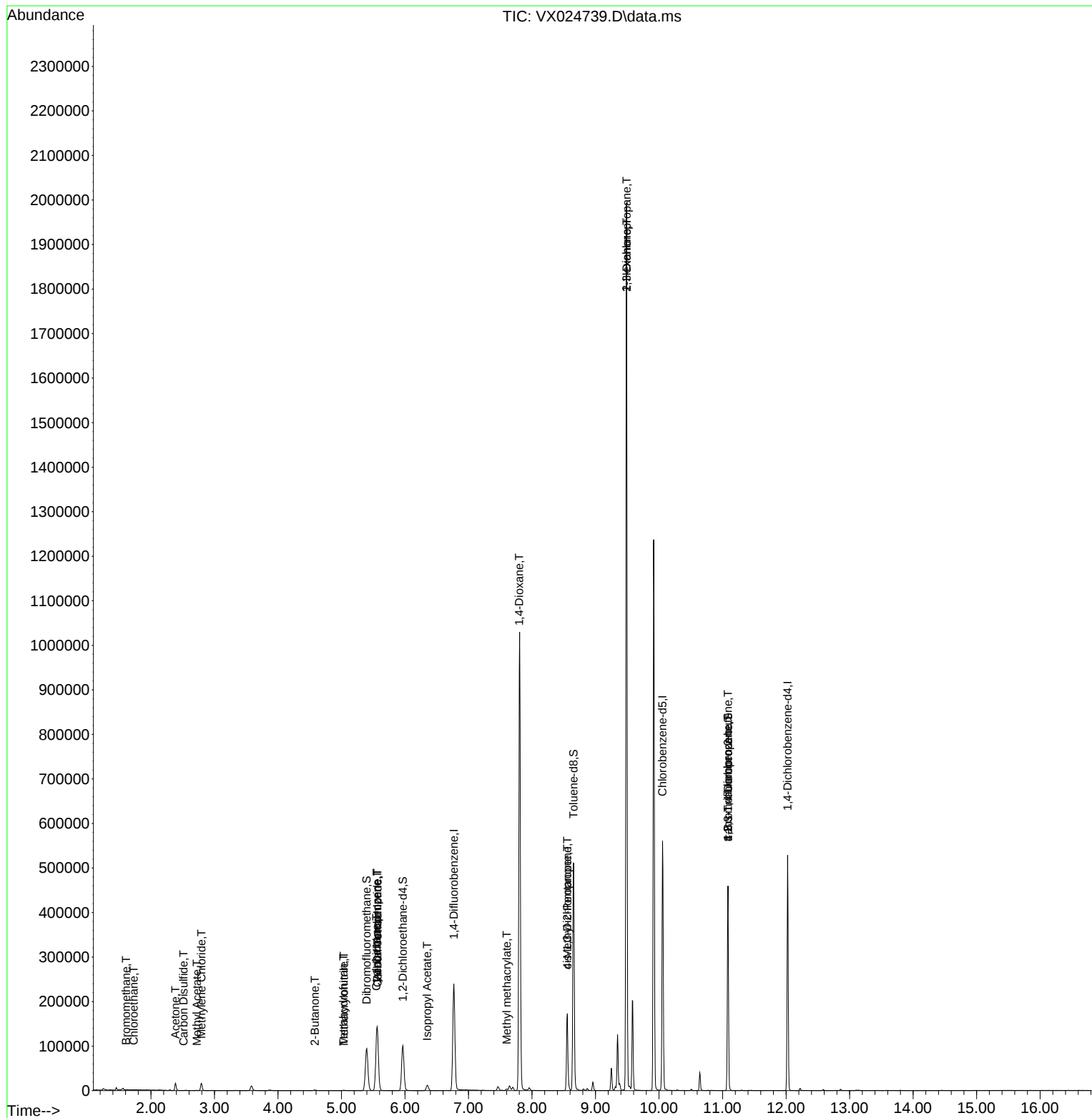
Internal Standards						
1) Pentafluorobenzene	5.562	168	132432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103169	55.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.560%	
35) Dibromofluoromethane	5.397	113	80142	51.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	8.653	98	299486	52.260	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	11.085	95	112451	49.907	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	275	0.311	ug/l #	38
6) Chloroethane	1.727	64	168	0.449	ug/l #	43
11) Tert butyl alcohol	2.953	59	189	Below Cal	#	73
16) Acetone	2.386	43	17315	12.346	ug/l #	86
17) Carbon Disulfide	2.514	76	291	0.320	ug/l #	75
18) Methyl Acetate	2.721	43	1086	0.389	ug/l #	71
20) Methylene Chloride	2.794	84	6842	3.843	ug/l #	78
25) 2-Butanone	4.580	43	2598	2.021	ug/l	93
29) Tetrahydrofuran	5.032	42	438	0.535	ug/l #	42
31) Cyclohexane	5.550	56	3095	1.385	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	10308	4.588	ug/l #	49
38) Carbon Tetrachloride	5.568	117	14043	5.742	ug/l #	16
41) Methacrylonitrile	5.038	41	406	0.280	ug/l #	44
43) Isopropyl Acetate	6.348	43	16181	3.794	ug/l #	92
48) Methyl methacrylate	7.604	41	5321	2.520	ug/l #	10
49) 1,4-Dioxane	7.799	88	112	2.316	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	60606	21.526	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	26164	9.966	ug/l #	70
57) 1,3-Dichloropropane	9.488	76	16027	5.535	ug/l #	42
59) 2-Hexanone	9.488	43	234368	105.702	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	59489	25.421	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59489	69.289	ug/l #	12

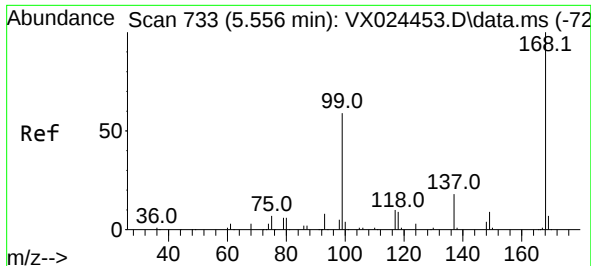
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
Data File : VX024739.D
Acq On : 12 Oct 2021 03:23
Operator : JC/MD
Sample : M4158-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 12 08:09:27 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

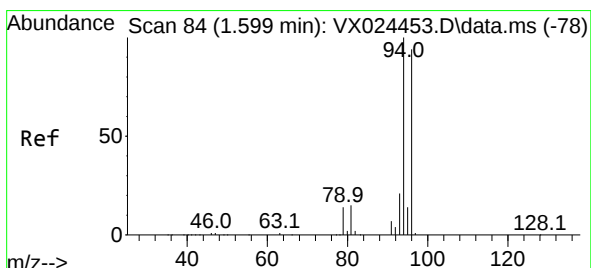
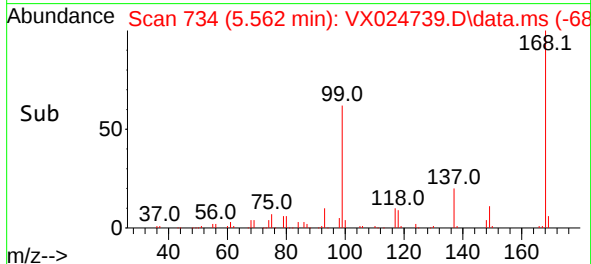
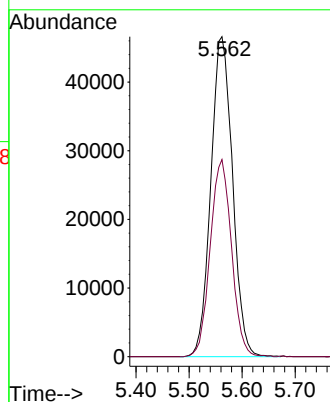
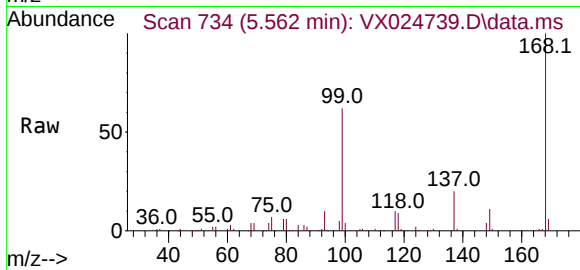




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

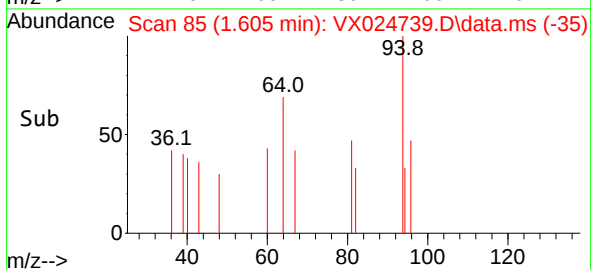
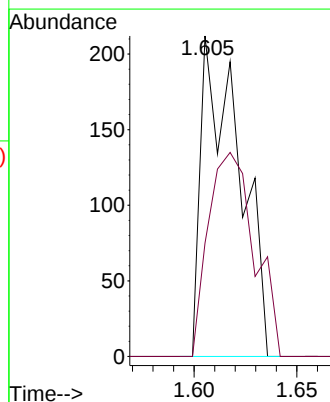
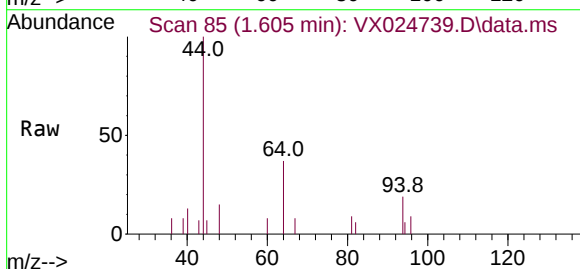
Instrument :
MSVOA_X
ClientSampleId :

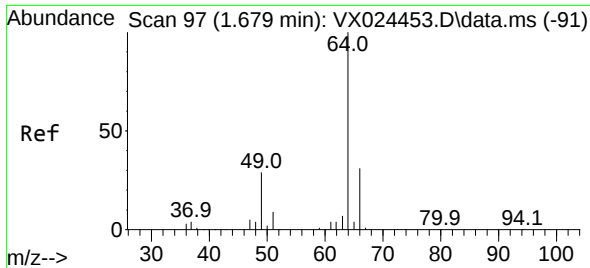
Tgt Ion:168 Resp: 132432
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#5
Bromomethane
Concen: 0.311 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 35.4 76.4 114.6#

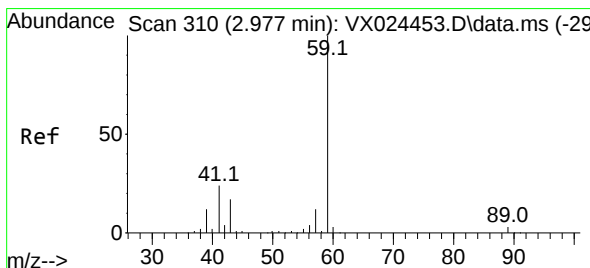
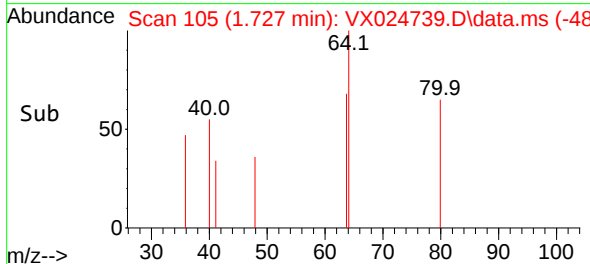
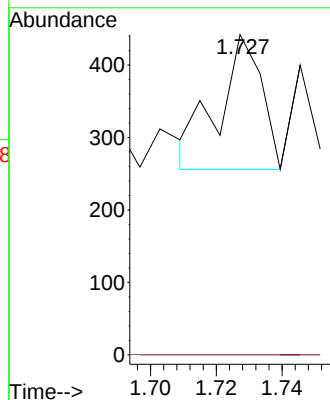
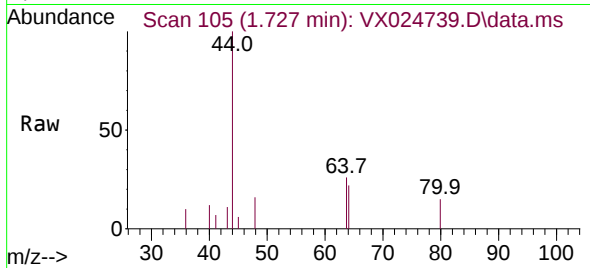




#6
Chloroethane
Concen: 0.449 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.048 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

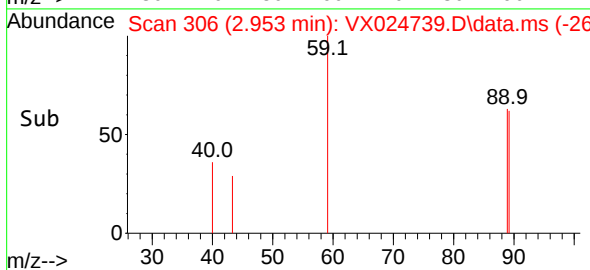
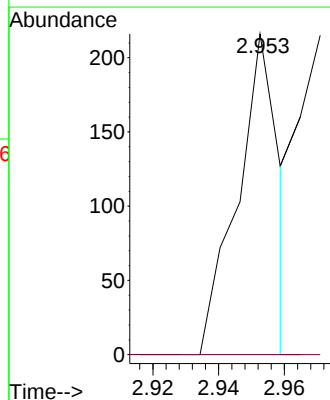
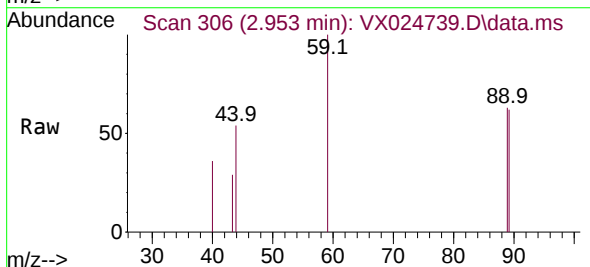
Instrument :
MSVOA_X
ClientSampled :

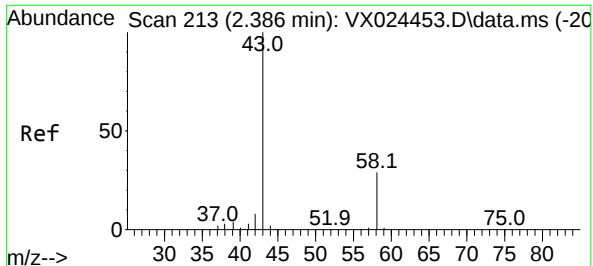
Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

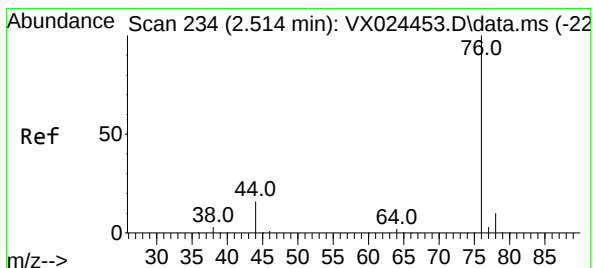
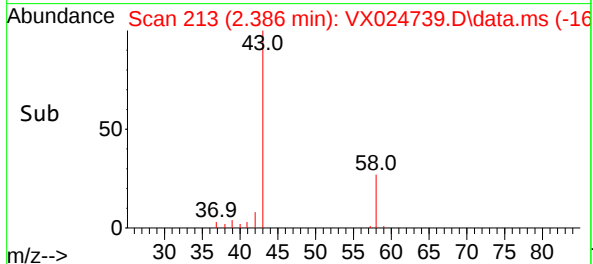
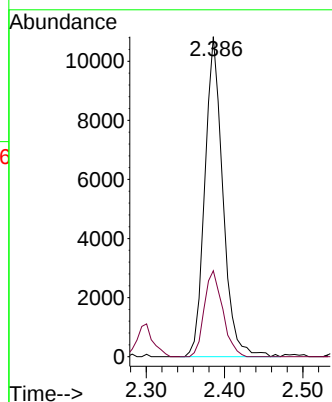
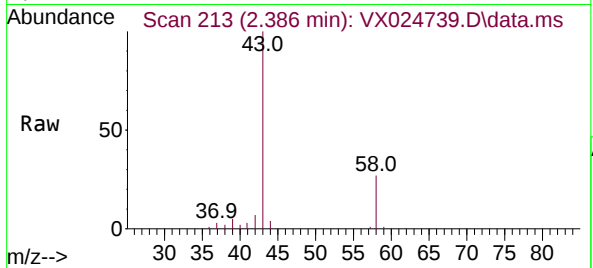




#16
Acetone
Concen: 12.346 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

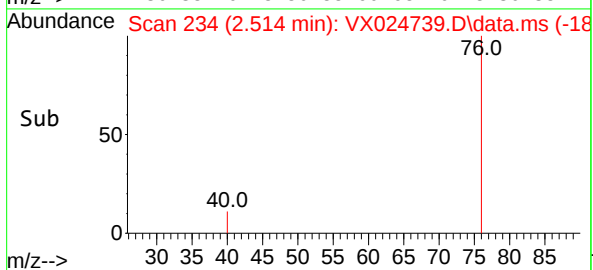
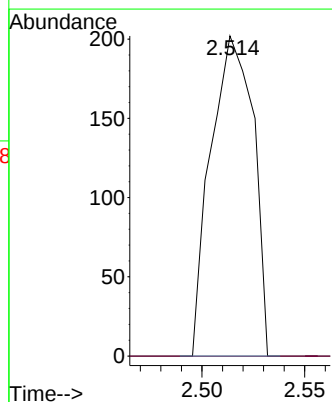
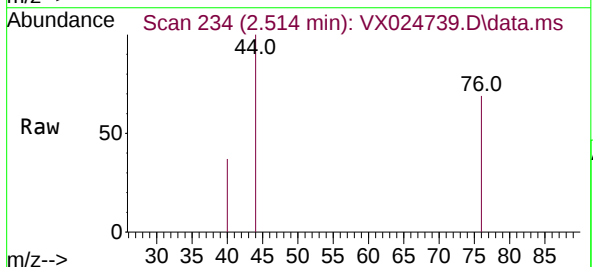
Instrument :
MSVOA_X
ClientSampleId :

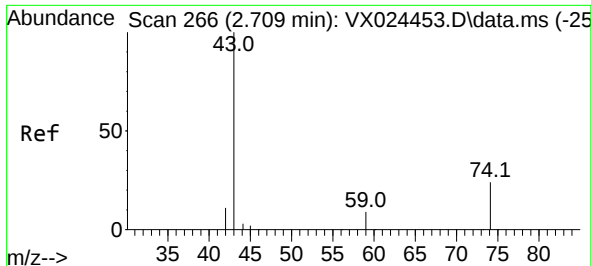
Tgt Ion: 43 Resp: 17315
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.320 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 76 Resp: 291
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

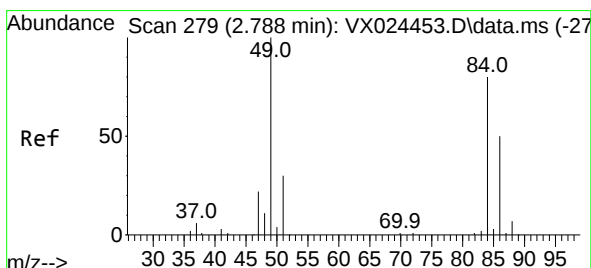
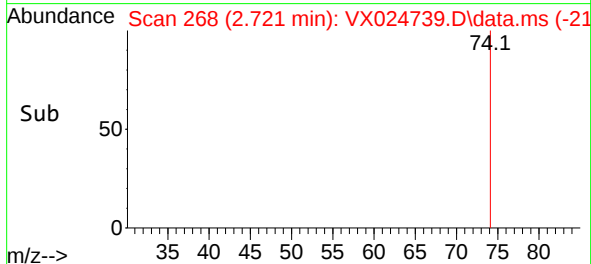
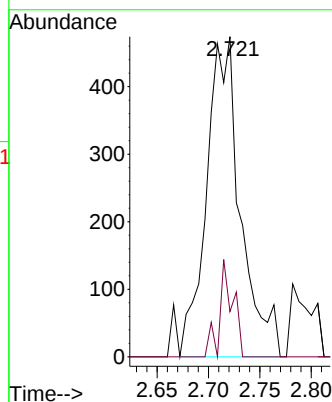
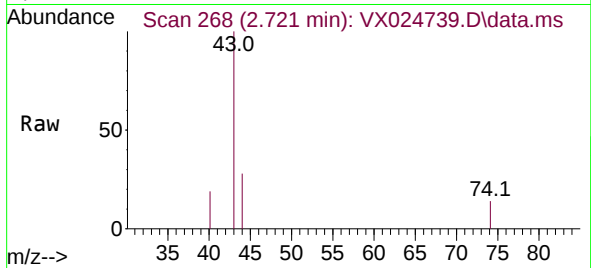




#18
Methyl Acetate
Concen: 0.389 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

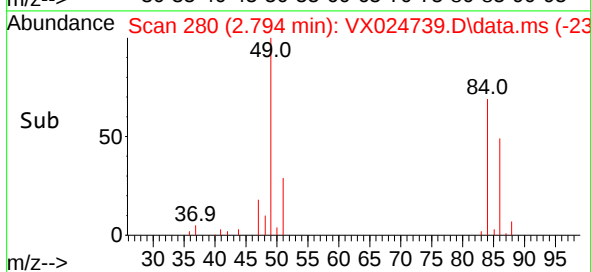
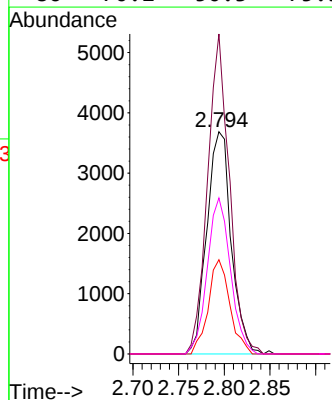
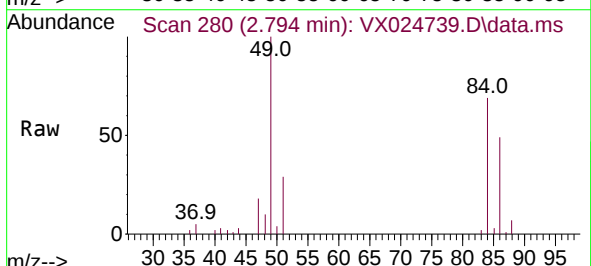
Instrument :
MSVOA_X
ClientSampled :

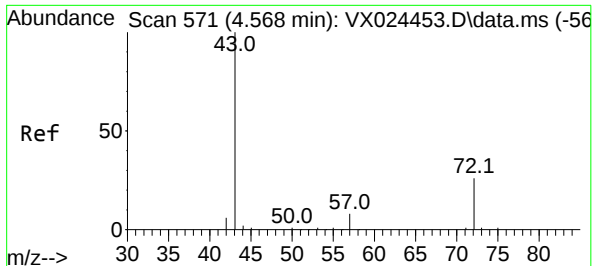
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
74 12.1 21.9 32.9#



#20
Methylene Chloride
Concen: 3.843 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 84 Resp: 6842
Ion Ratio Lower Upper
84 100
49 144.0 88.6 132.8#
51 42.5 27.0 40.6#
86 70.2 50.3 75.5





#25

2-Butanone

Concen: 2.021 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024739.D

Acq: 12 Oct 2021 03:23

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

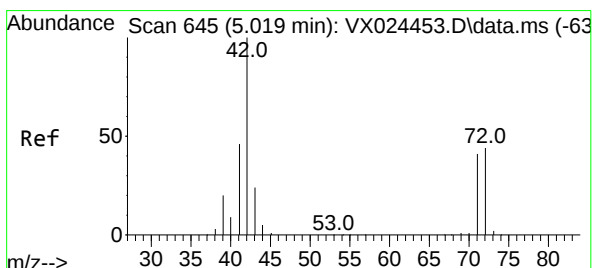
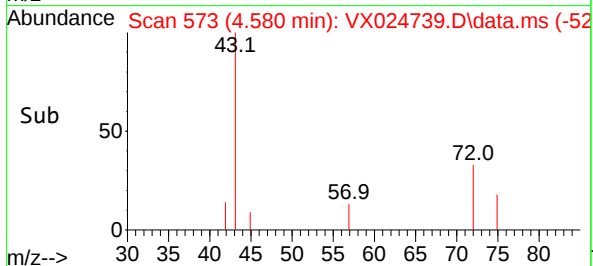
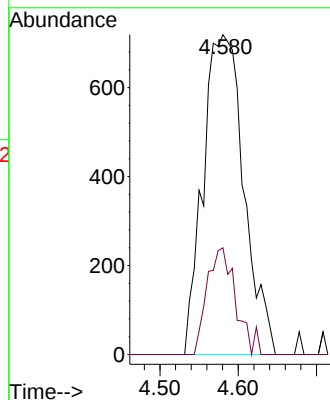
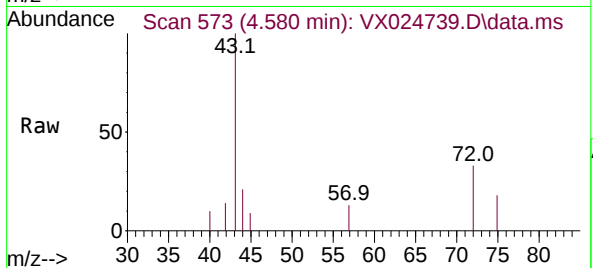
43 100

72 33.4 23.7 35.5

Instrument :

MSVOA_X

ClientSampleId :



#29

Tetrahydrofuran

Concen: 0.535 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.013 min

Lab File: VX024739.D

Acq: 12 Oct 2021 03:23

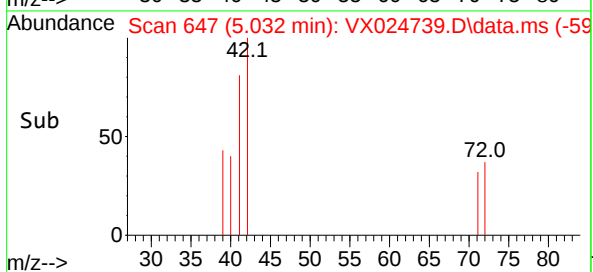
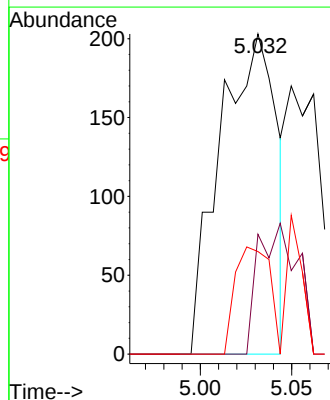
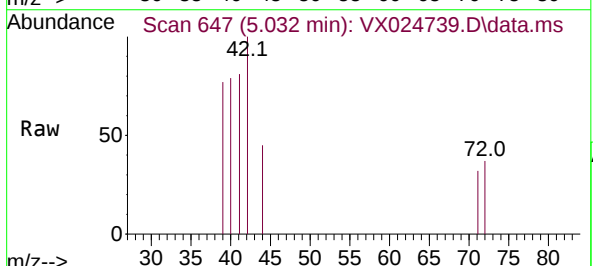
Tgt Ion: 42 Resp: 438

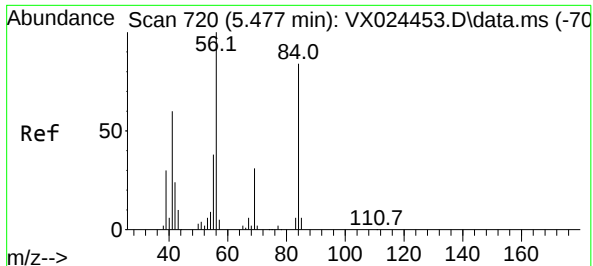
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 20.5 38.4 57.6#

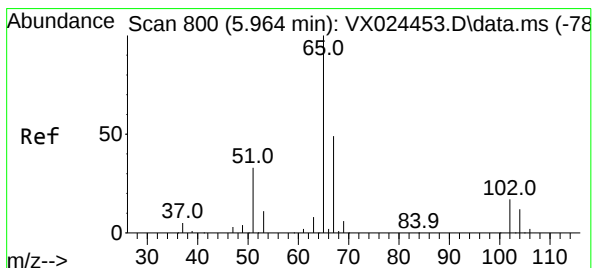
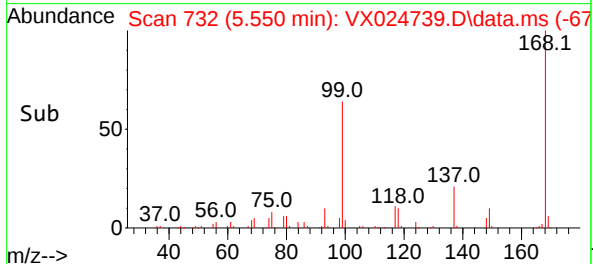
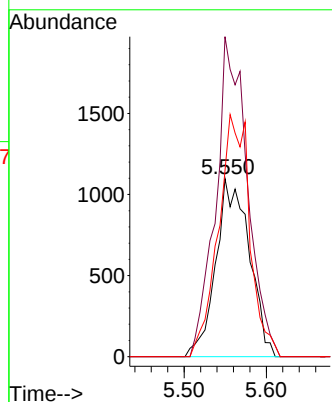
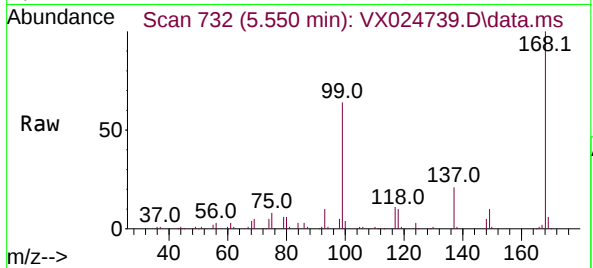




#31
Cyclohexane
Concen: 1.385 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

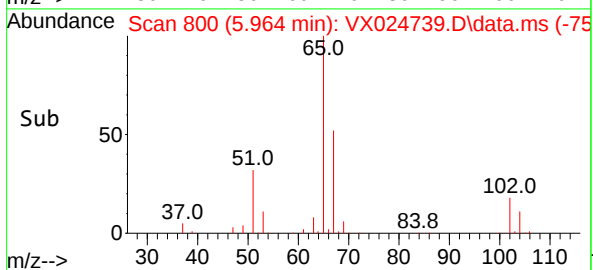
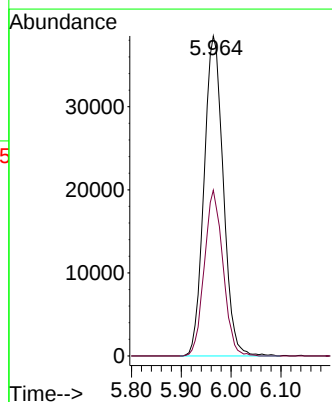
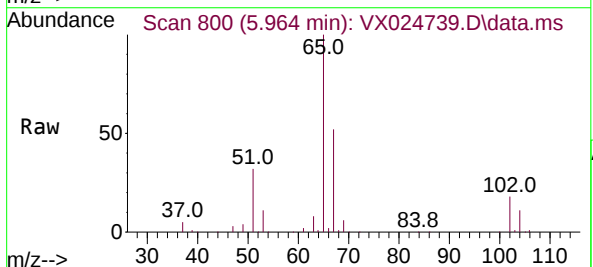
Instrument :
MSVOA_X
ClientSampleId :

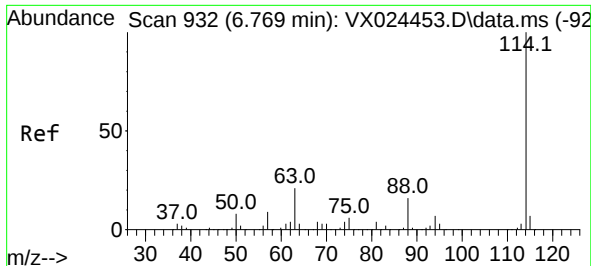
Tgt Ion: 56 Resp: 3095
Ion Ratio Lower Upper
56 100
69 179.7 25.3 37.9#
84 104.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 55.275 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 65 Resp: 103169
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

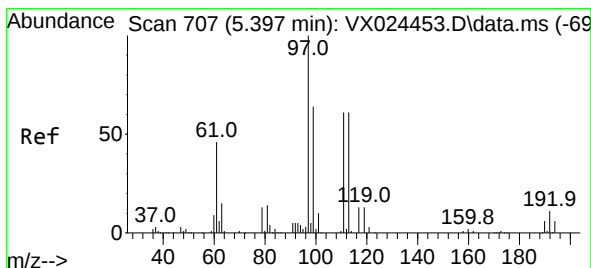
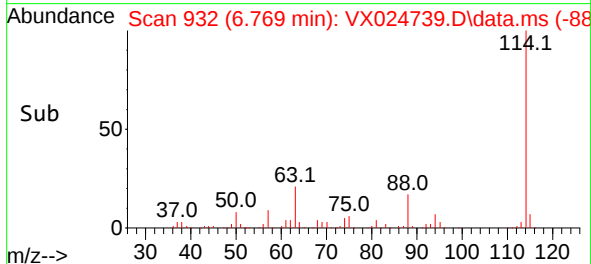
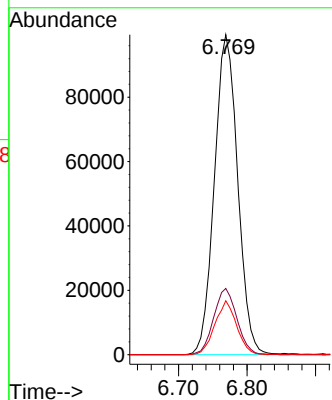
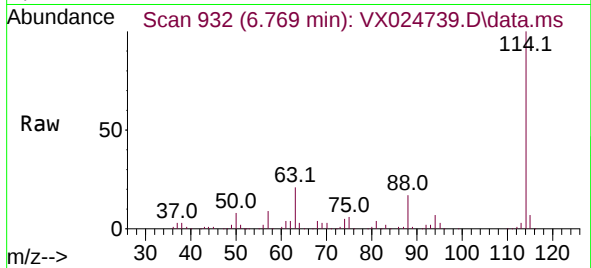




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

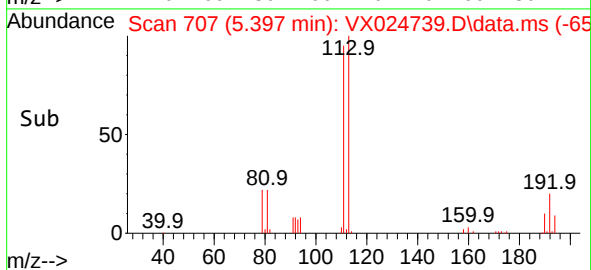
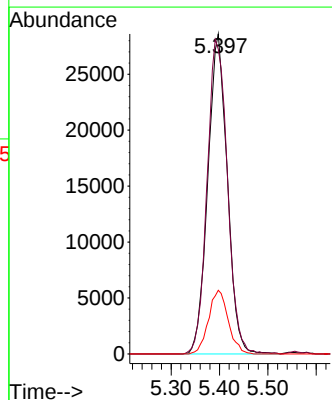
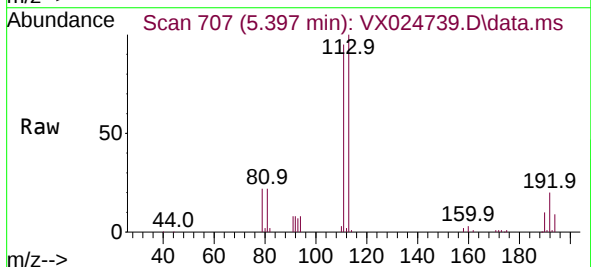
Instrument :
MSVOA_X
ClientSampleId :

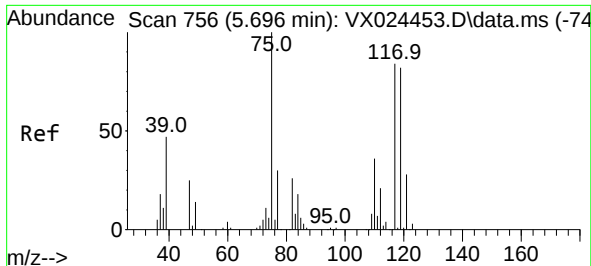
Tgt Ion:114 Resp: 234377
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.471 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion:113 Resp: 80142
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.588 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX024739.D

Acq: 12 Oct 2021 03:23

Tgt Ion: 75 Resp: 10308

Ion Ratio Lower Upper

75 100

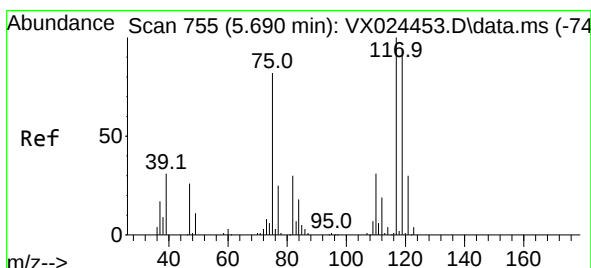
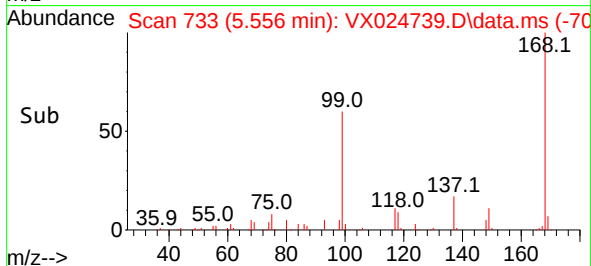
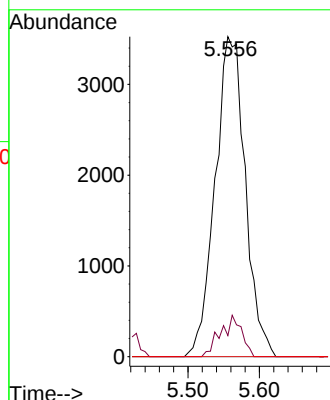
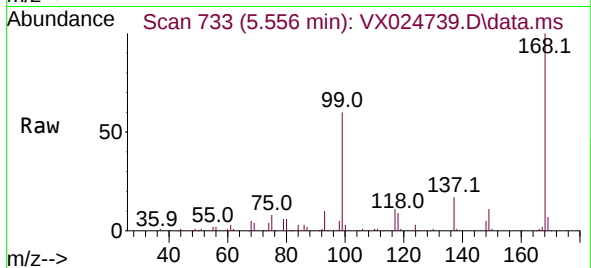
110 9.0 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.742 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX024739.D

Acq: 12 Oct 2021 03:23

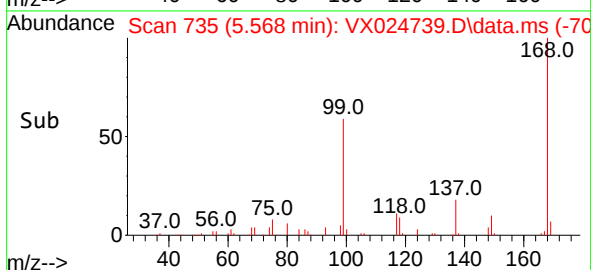
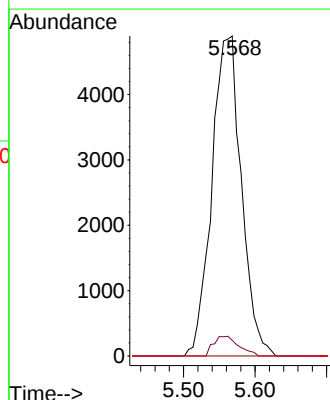
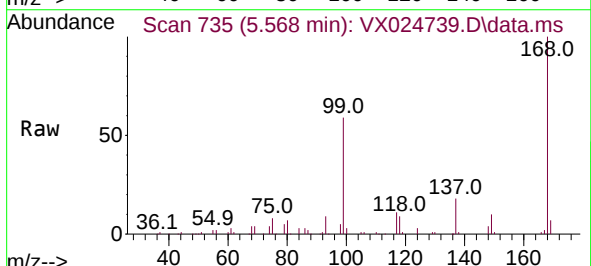
Tgt Ion: 117 Resp: 14043

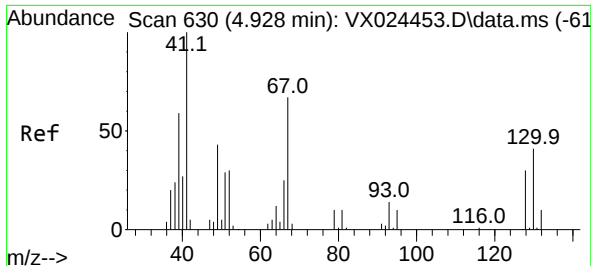
Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

121 0.0 24.8 37.2#

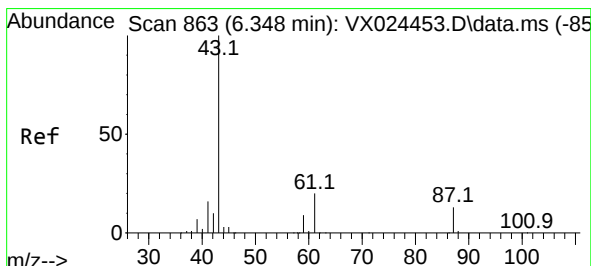
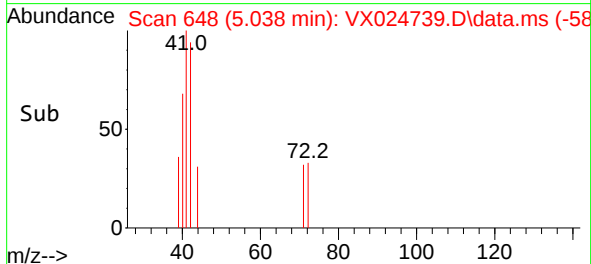
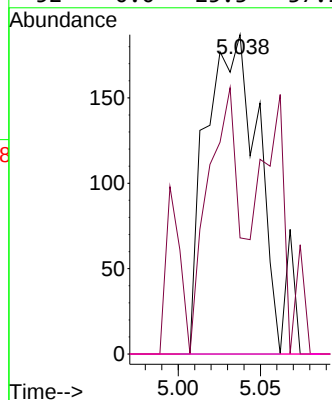
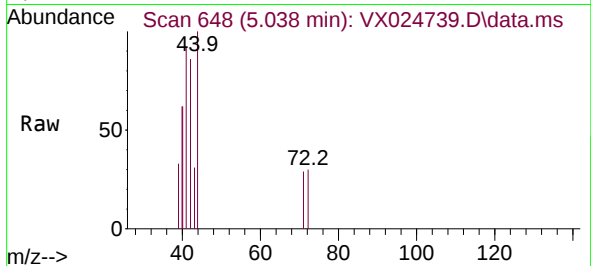




#41
Methacrylonitrile
Concen: 0.280 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

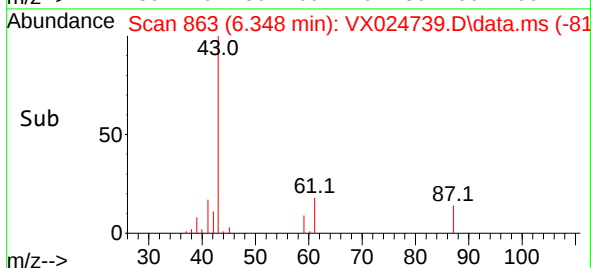
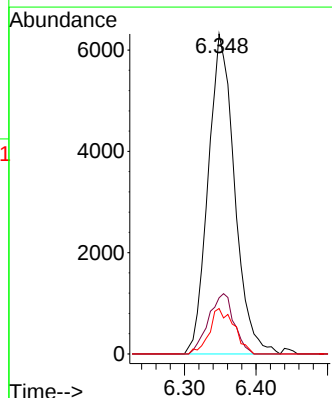
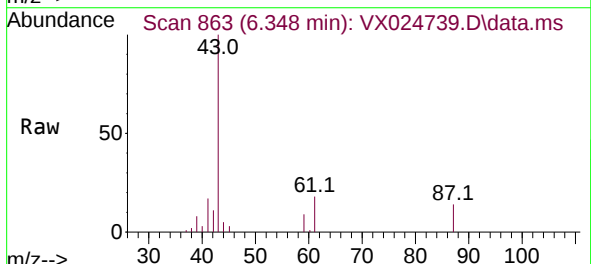
Instrument :
MSVOA_X
ClientSampleId :

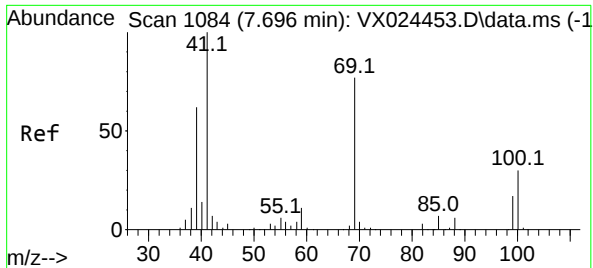
Tgt Ion: 41 Resp: 406
Ion Ratio Lower Upper
41 100
39 53.9 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 3.794 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 43 Resp: 16181
Ion Ratio Lower Upper
43 100
61 18.1 18.2 27.4#
87 13.4 12.5 18.7

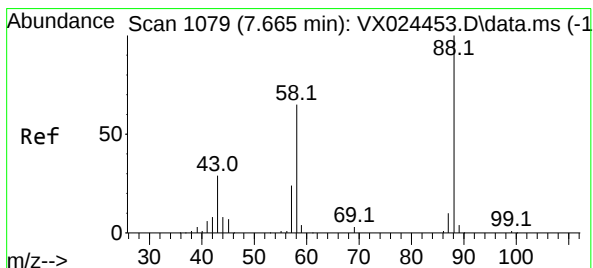
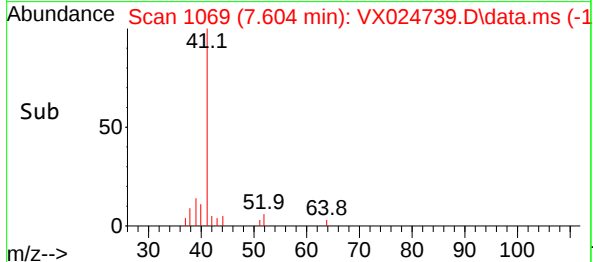
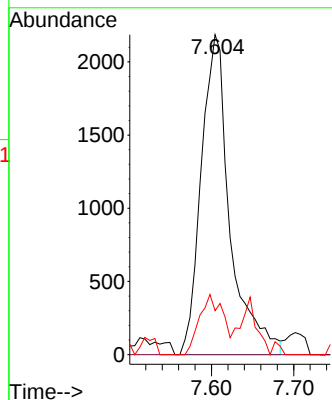
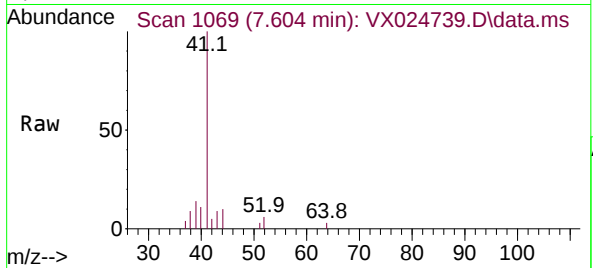




#48
Methyl methacrylate
Concen: 2.520 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

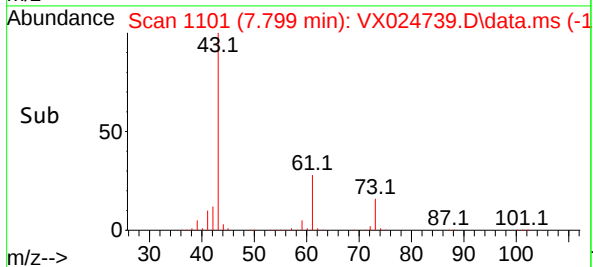
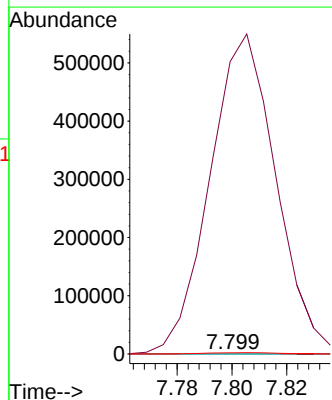
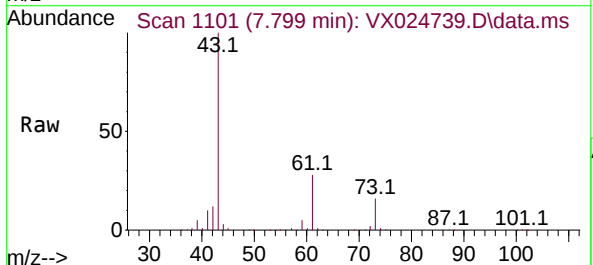
Instrument :
MSVOA_X
ClientSampled :

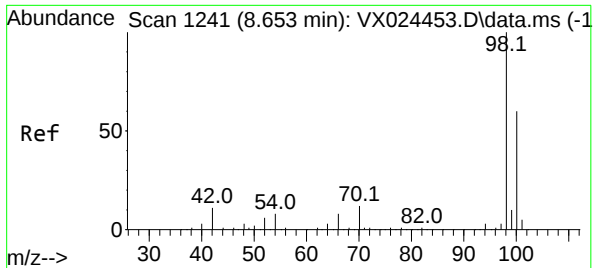
Tgt Ion: 41 Resp: 5321
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.316 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
43 829377.7 23.2 34.8#
58 3658.0 55.0 82.4#

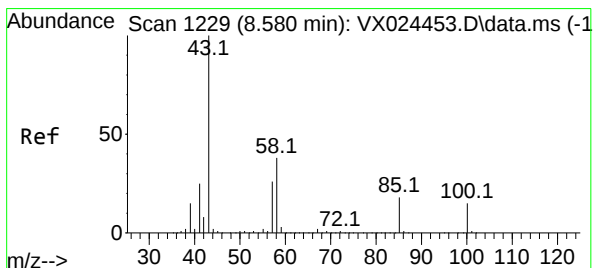
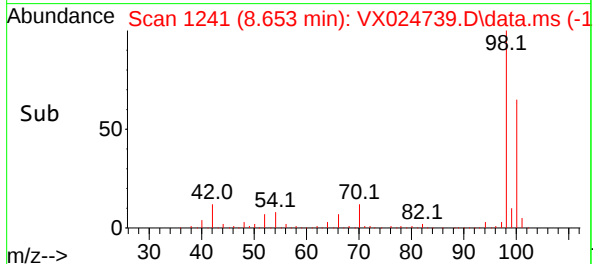
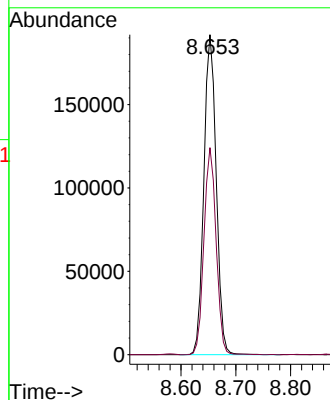
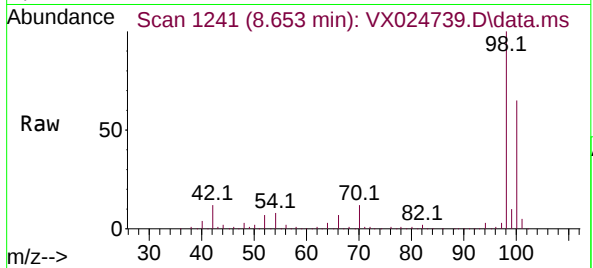




#50
Toluene-d8
Concen: 52.260 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

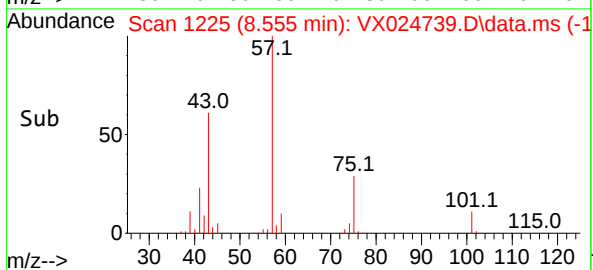
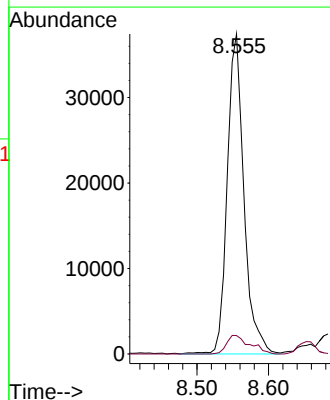
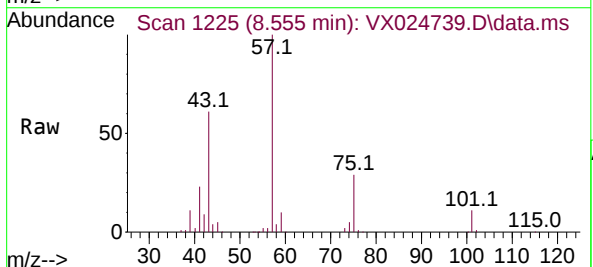
Instrument :
MSVOA_X
ClientSampled :

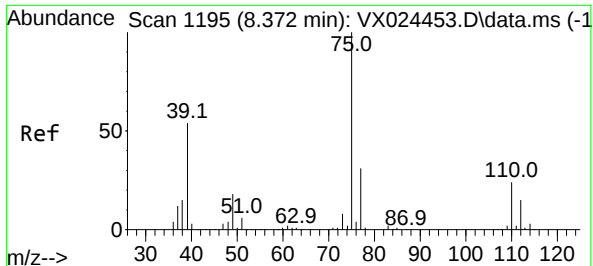
Tgt Ion: 98 Resp: 299486
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 21.526 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 43 Resp: 60606
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#

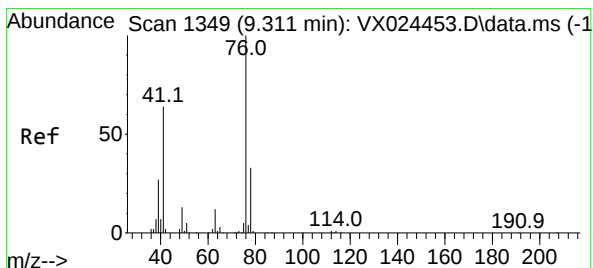
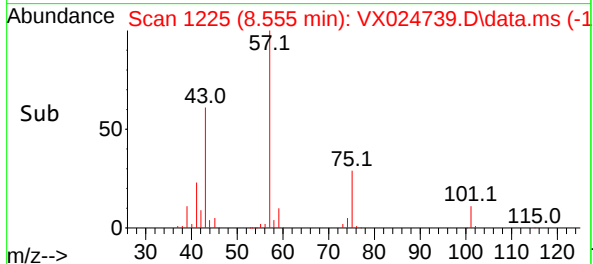
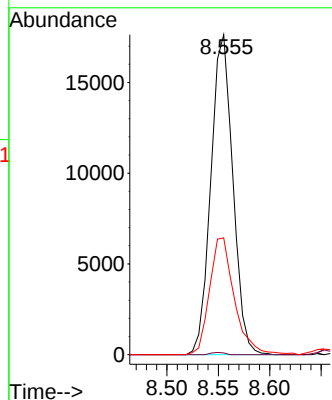
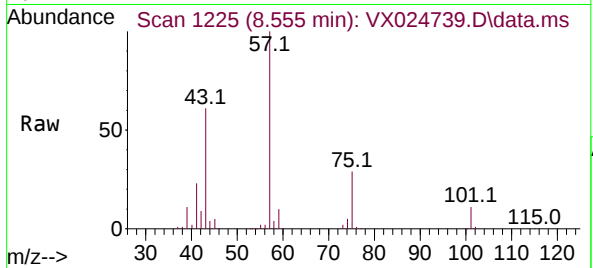




#54
 cis-1,3-Dichloropropene
 Concen: 9.966 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX024739.D
 Acq: 12 Oct 2021 03:23

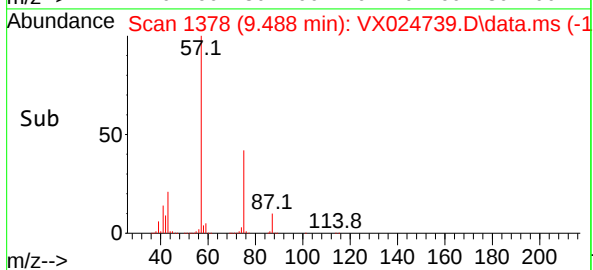
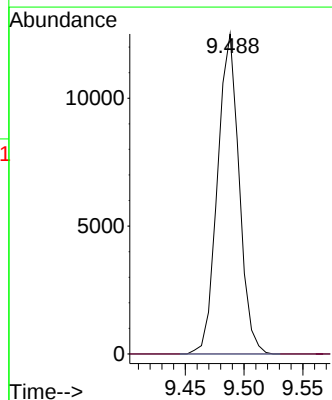
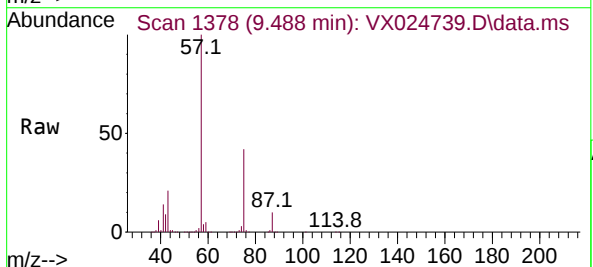
Instrument :
 MSVOA_X
 ClientSampled :

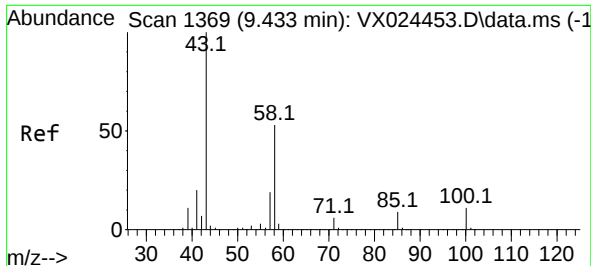
Tgt Ion: 75 Resp: 26164
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 36.5 35.1 52.7



#57
 1,3-Dichloropropane
 Concen: 5.535 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX024739.D
 Acq: 12 Oct 2021 03:23

Tgt Ion: 76 Resp: 16027
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

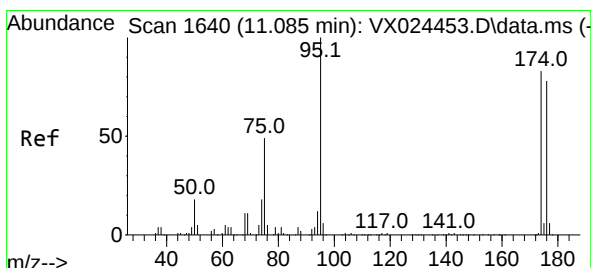
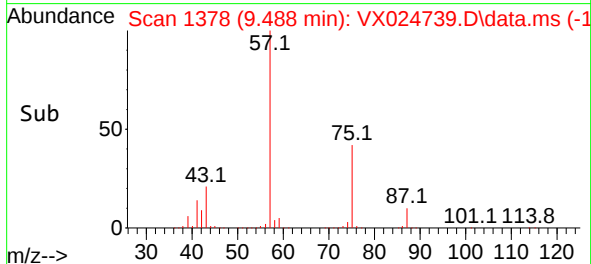
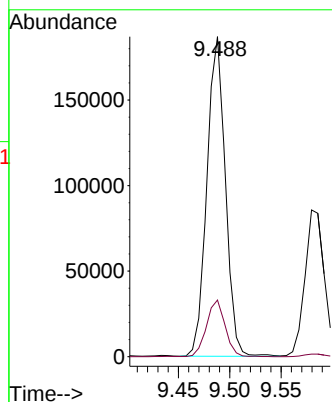
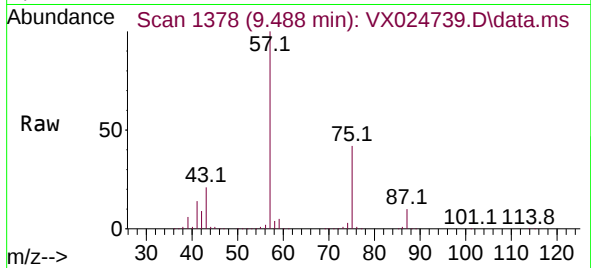




#59
2-Hexanone
Concen: 105.702 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

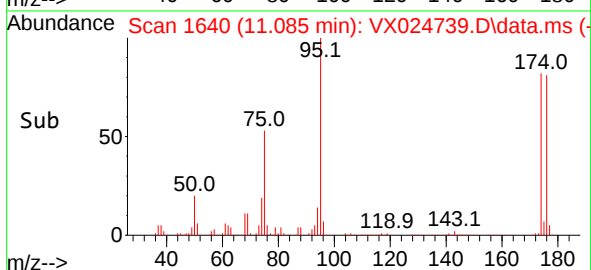
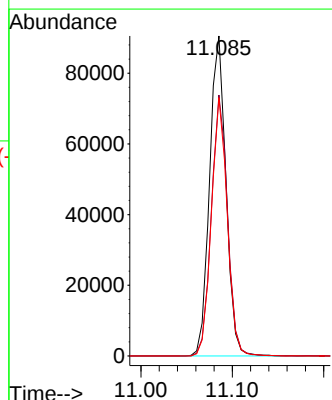
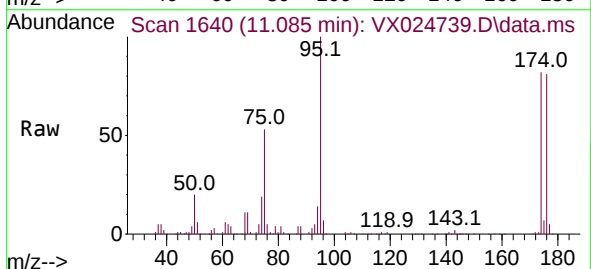
Instrument :
MSVOA_X
ClientSampled :

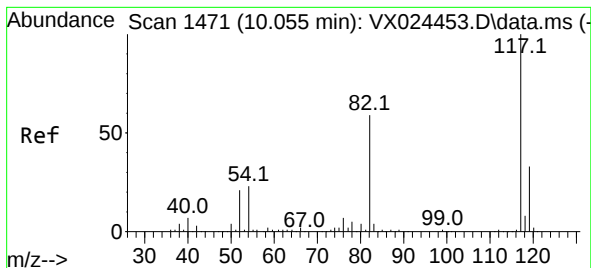
Tgt Ion: 43 Resp: 234368
Ion Ratio Lower Upper
43 100
58 17.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.907 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 95 Resp: 112451
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 78.1 0.0 155.8

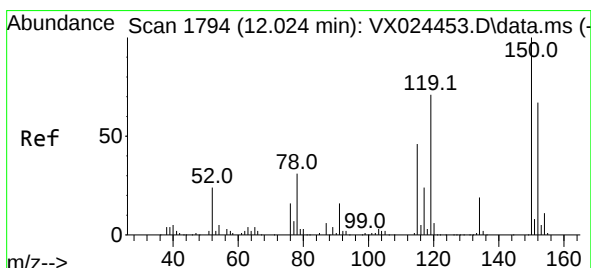
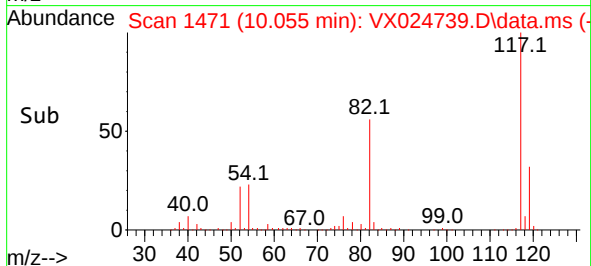
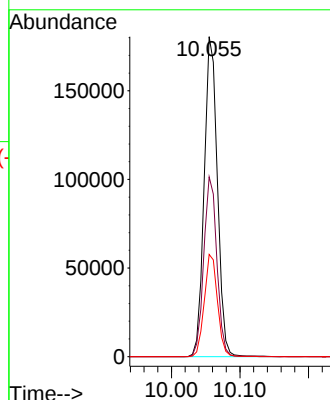
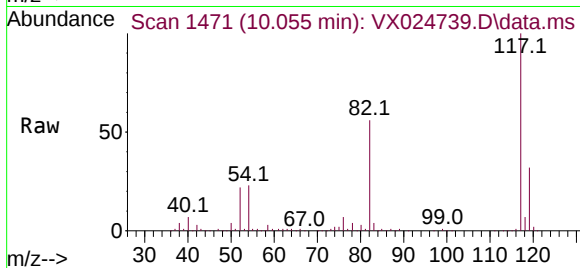




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

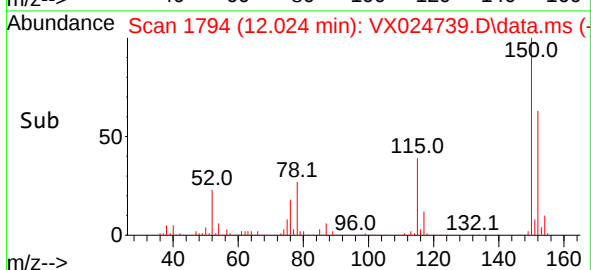
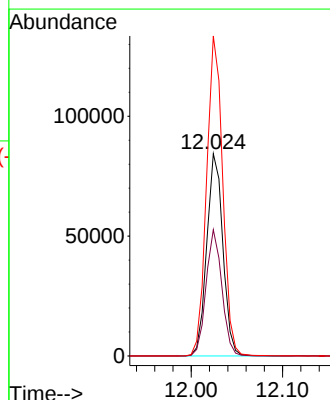
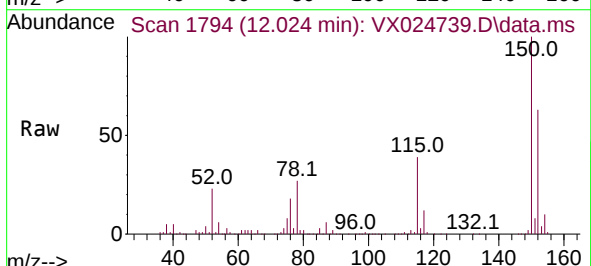
Instrument :
MSVOA_X
ClientSampled :

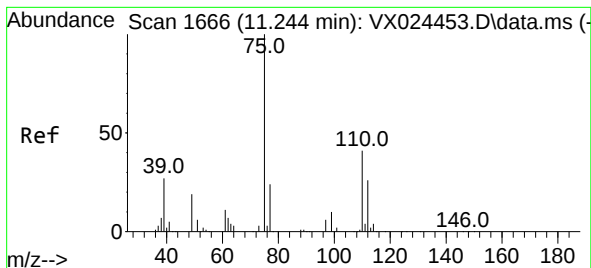
Tgt Ion:117 Resp: 242587
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion:152 Resp: 103048
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 157.8 0.0 349.0

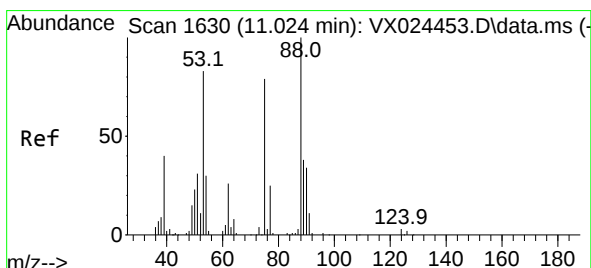
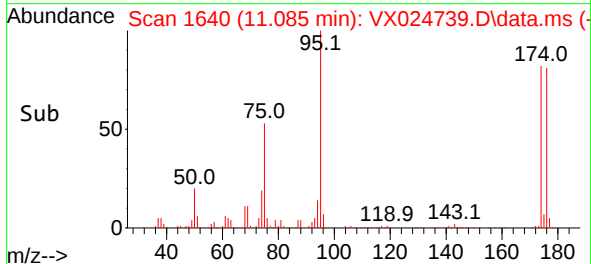
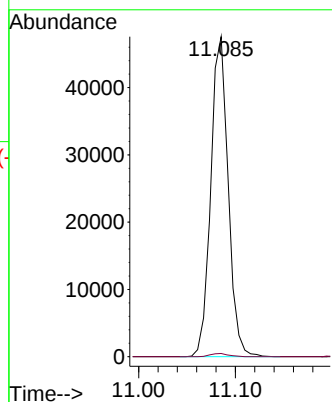
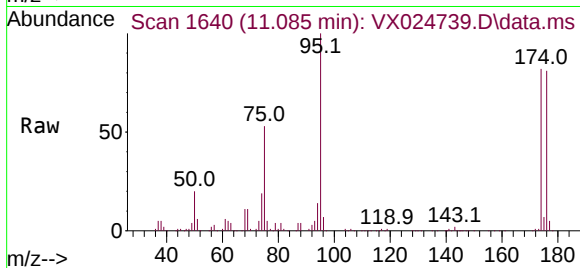




#76
1,2,3-Trichloropropane
Concen: 25.421 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 59489
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.289 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024739.D
Acq: 12 Oct 2021 03:23

Tgt Ion: 75 Resp: 59489
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

