

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024724.D
 Acq On : 11 Oct 2021 19:59
 Operator : JC/MD
 Sample : M4159-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 06:54:07 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

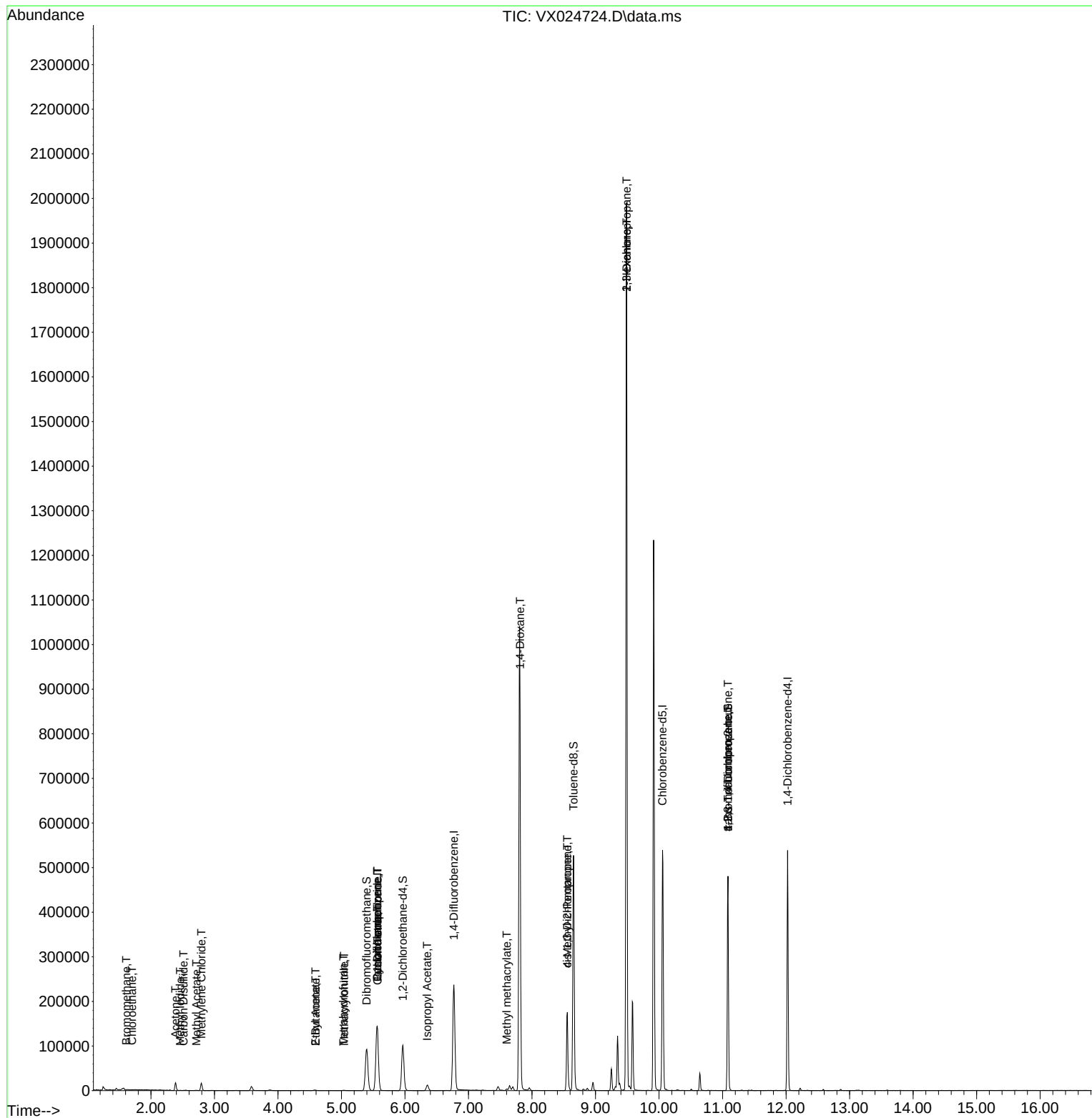
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	137159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102126	52.830	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.660%		
35) Dibromofluoromethane	5.397	113	80447	51.518	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.040%		
50) Toluene-d8	8.653	98	300411	52.270	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.540%		
62) 4-Bromofluorobenzene	11.085	95	119735	52.987	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.980%		
Target Compounds						Qvalue
5) Bromomethane	1.612	94	252	0.275	ug/l #	64
6) Chloroethane	1.703	64	297	0.584	ug/l #	43
10) Methyl Iodide	2.459	142	587	0.310	ug/l #	83
11) Tert butyl alcohol	2.971	59	643	Below Cal	#	73
16) Acetone	2.386	43	17681	12.024	ug/l	96
17) Carbon Disulfide	2.514	76	661	0.431	ug/l #	74
18) Methyl Acetate	2.715	43	1132	0.391	ug/l #	80
20) Methylene Chloride	2.794	84	7153	3.890	ug/l #	92
25) 2-Butanone	4.593	43	2716	2.040	ug/l	96
29) Tetrahydrofuran	5.032	42	613	0.723	ug/l #	54
31) Cyclohexane	5.562	56	3007	1.299	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	10575	4.693	ug/l #	50
37) Ethyl Acetate	4.593	43	2716	0.965	ug/l #	64
38) Carbon Tetrachloride	5.568	117	14294	5.827	ug/l #	16
41) Methacrylonitrile	5.044	41	462	0.318	ug/l #	32
43) Isopropyl Acetate	6.348	43	17442	4.078	ug/l #	89
48) Methyl methacrylate	7.604	41	5435	2.566	ug/l #	10
49) 1,4-Dioxane	7.812	88	80	1.649	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	63725	22.568	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	26757	10.162	ug/l #	67
57) 1,3-Dichloropropane	9.488	76	16205	5.580	ug/l #	42
59) 2-Hexanone	9.488	43	235125	105.737	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	65161	27.066	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	65161	73.648	ug/l #	12

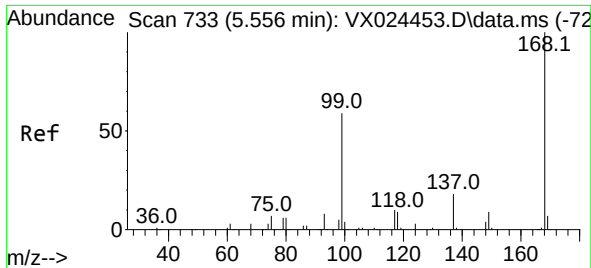
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
Data File : VX024724.D
Acq On : 11 Oct 2021 19:59
Operator : JC/MD
Sample : M4159-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 12 06:54:07 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

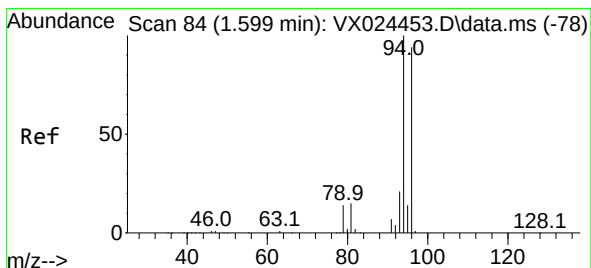
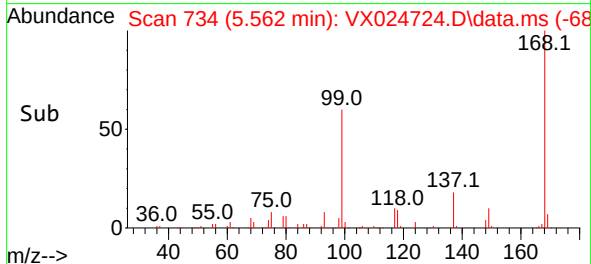
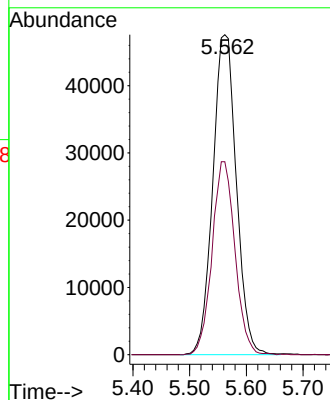
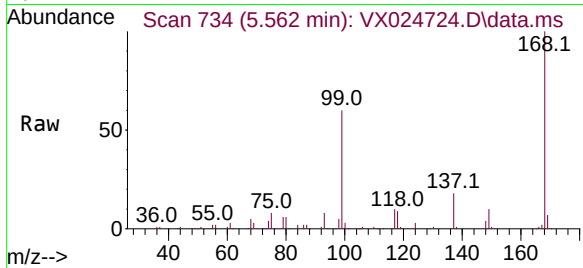




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

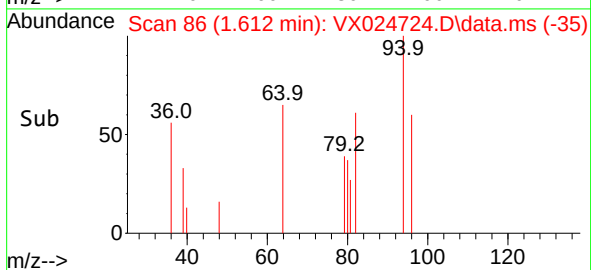
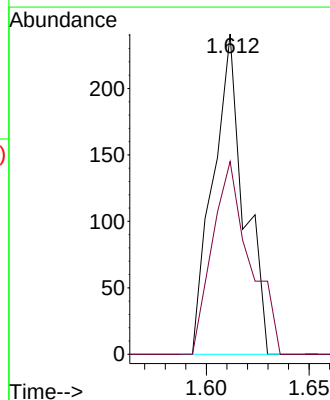
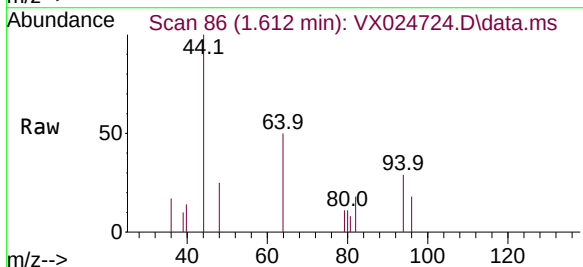
Instrument :
MSVOA_X
ClientSampled :

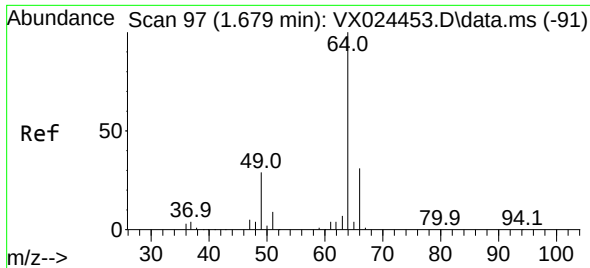
Tgt Ion:168 Resp: 137159
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 60.2 76.4 114.6#

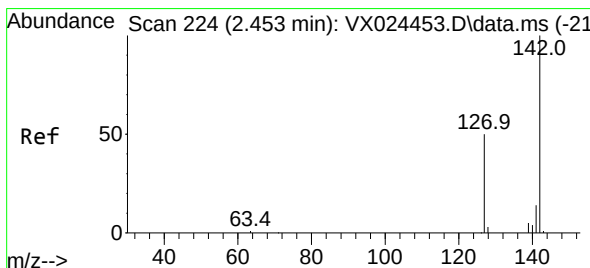
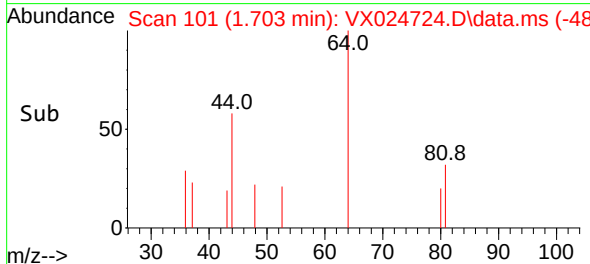
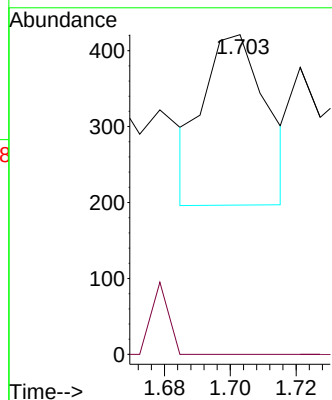
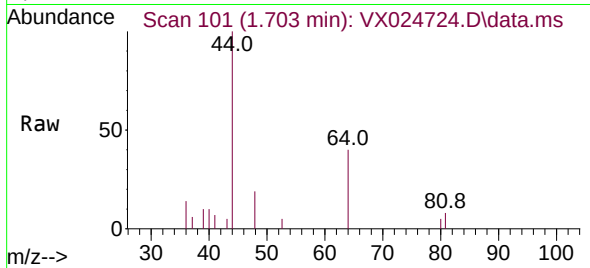




#6
Chloroethane
Concen: 0.584 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

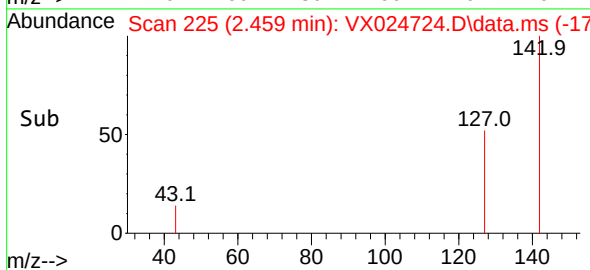
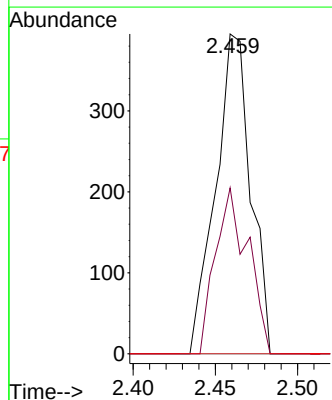
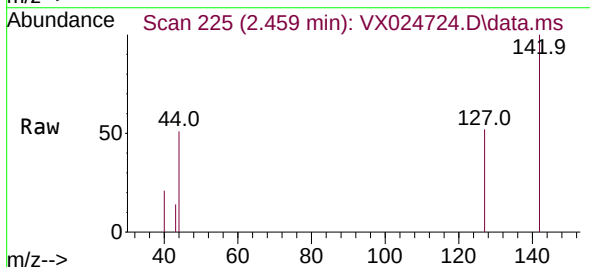
Instrument :
MSVOA_X
ClientSampled :

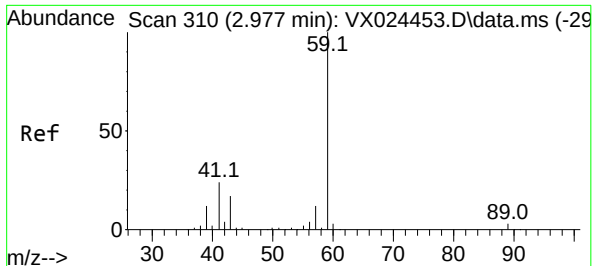
Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.310 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 142 Resp: 587
Ion Ratio Lower Upper
142 100
127 48.2 33.3 49.9
141 0.0 11.4 17.0#

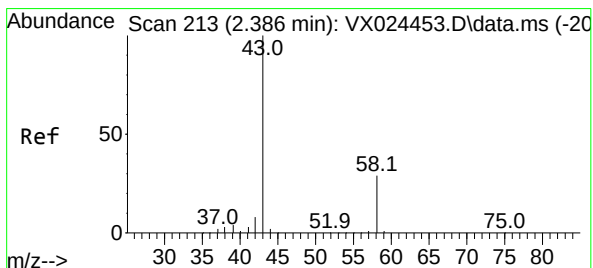
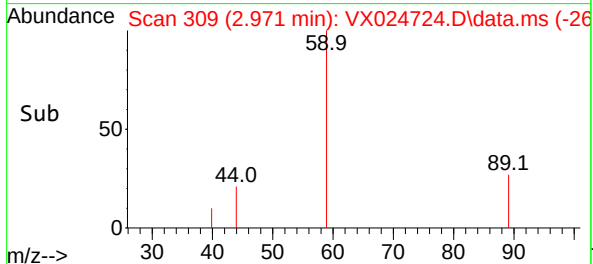
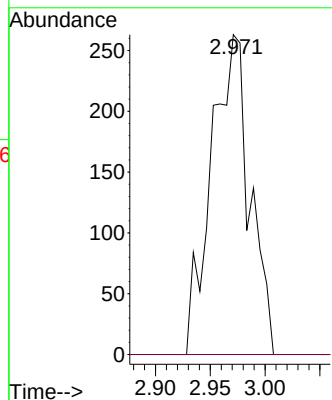
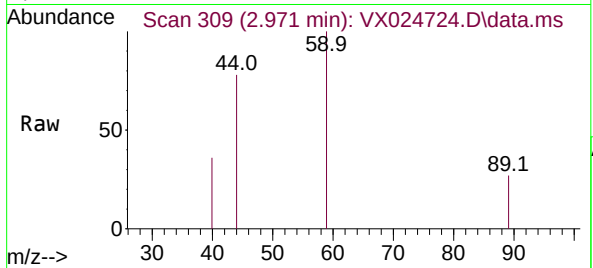




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

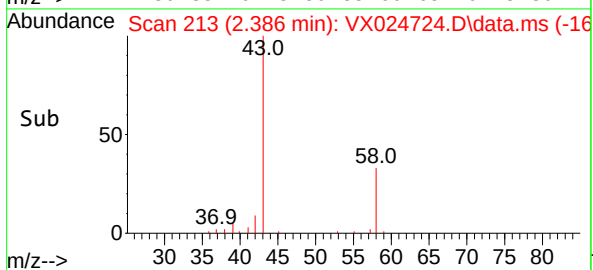
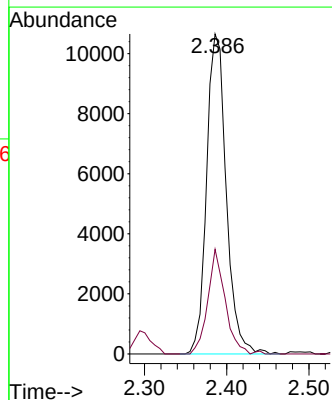
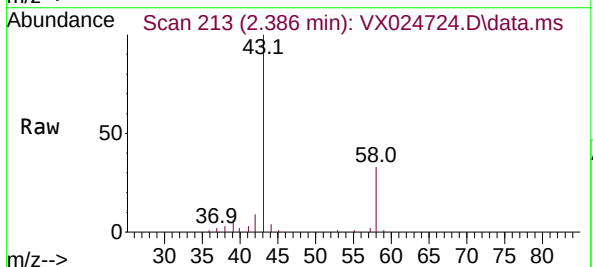
Instrument :
MSVOA_X
ClientSampled :

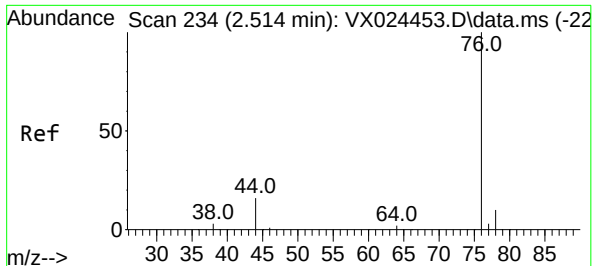
Tgt Ion: 59 Resp: 643
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 12.024 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 43 Resp: 17681
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8

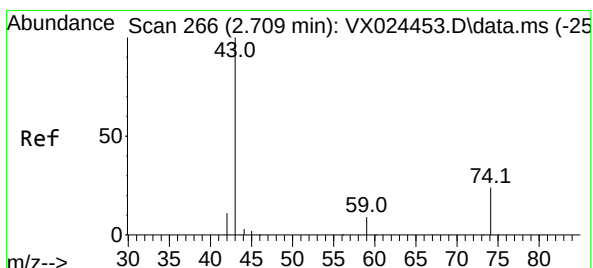
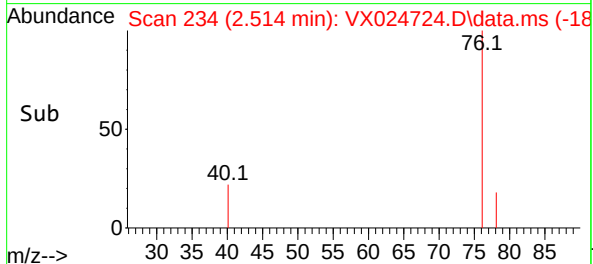
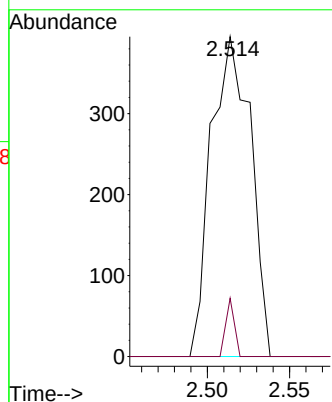
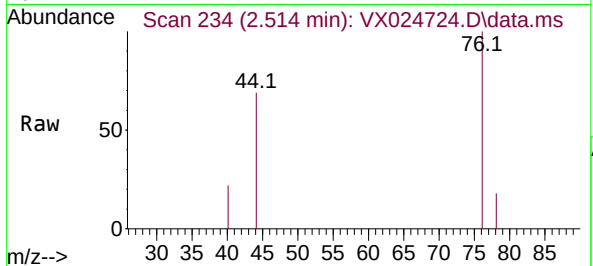




#17
Carbon Disulfide
Concen: 0.431 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

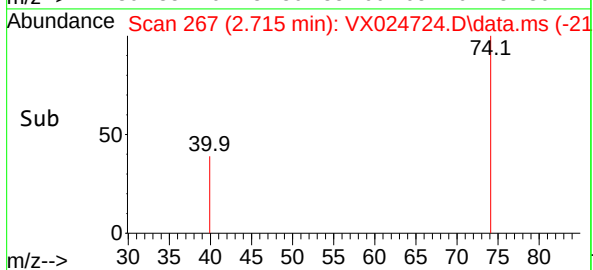
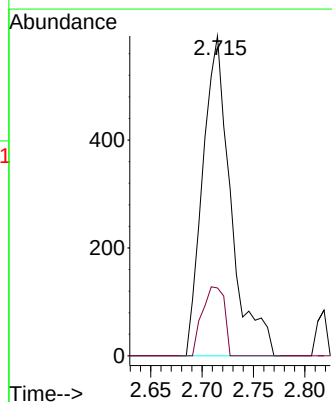
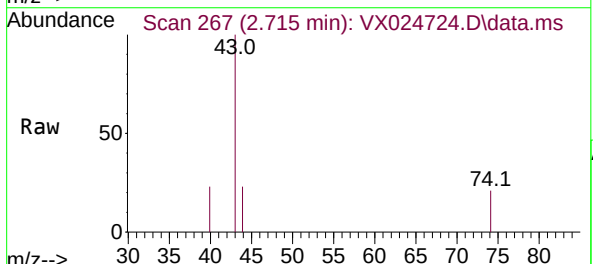
Instrument :
MSVOA_X
ClientSampleId :

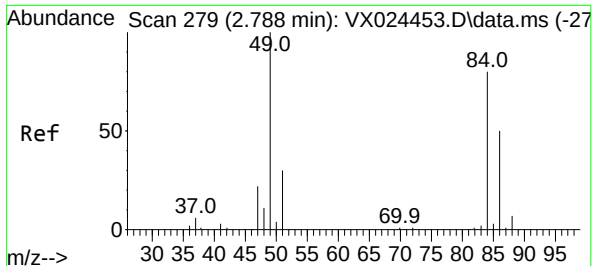
Tgt Ion: 76 Resp: 661
Ion Ratio Lower Upper
76 100
78 18.2 7.2 10.8#



#18
Methyl Acetate
Concen: 0.391 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
74 16.9 21.9 32.9#

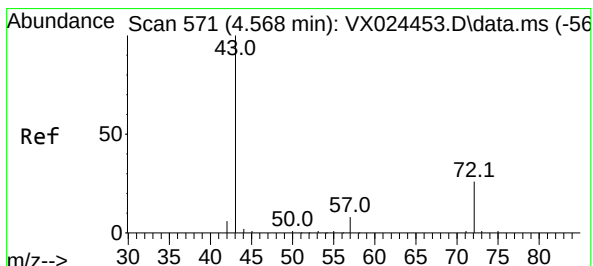
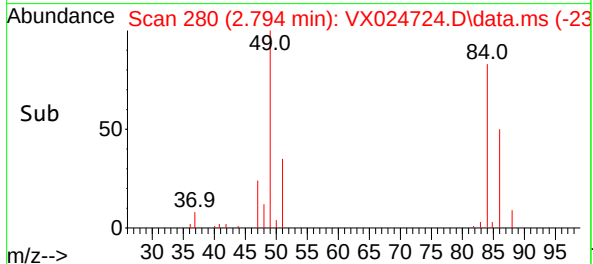
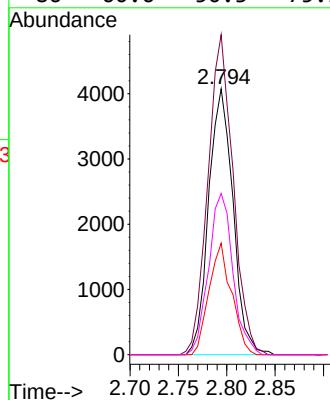
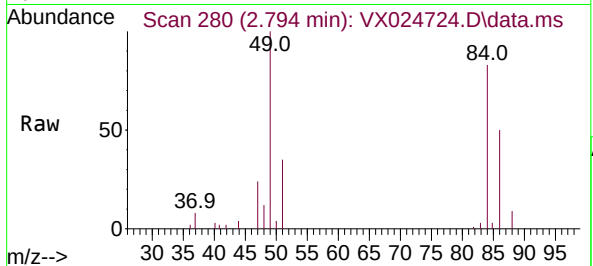




#20
Methylene Chloride
Concen: 3.890 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

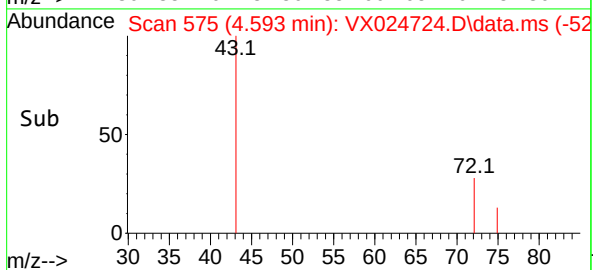
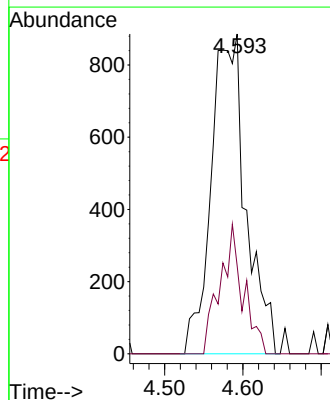
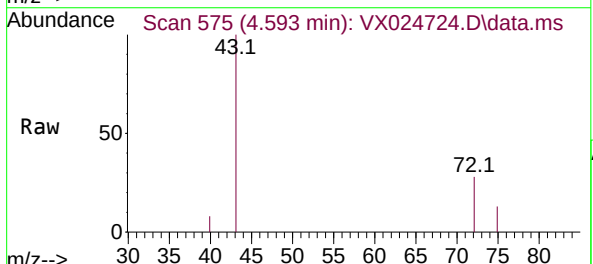
Instrument :
MSVOA_X
ClientSampled :

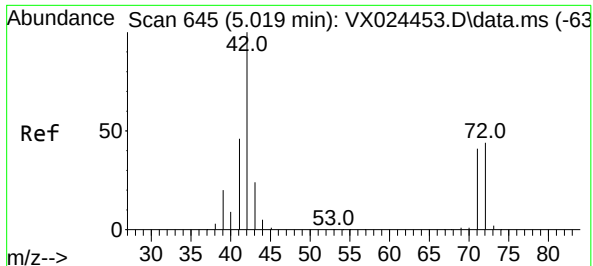
Tgt Ion: 84	Resp: 7153
Ion Ratio	Lower Upper
84 100	
49 120.3	88.6 132.8
51 41.9	27.0 40.6#
86 60.6	50.3 75.5



#25
2-Butanone
Concen: 2.040 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 43	Resp: 2716
Ion Ratio	Lower Upper
43 100	
72 27.5	23.7 35.5





#29

Tetrahydrofuran

Concen: 0.723 ug/l

RT: 5.032 min Scan# 647

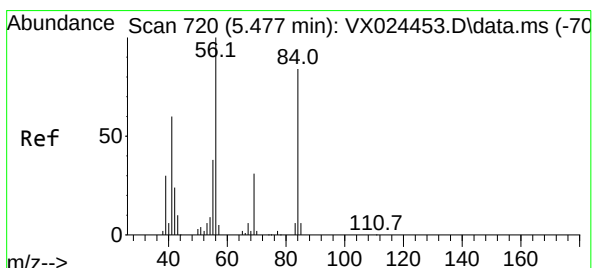
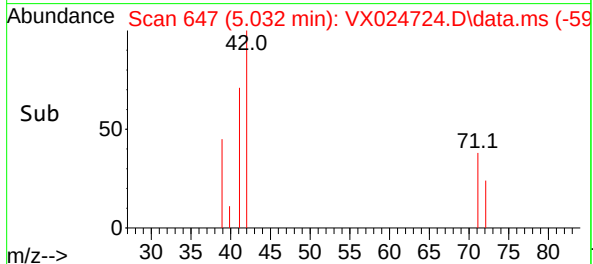
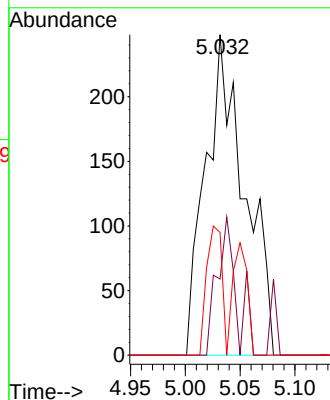
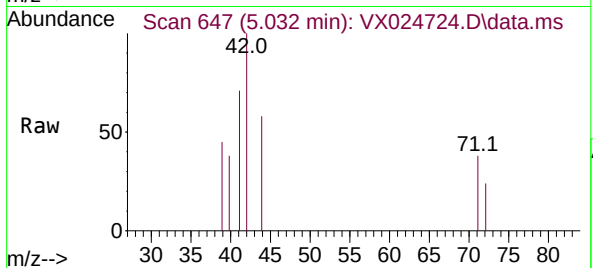
Delta R.T. 0.013 min

Lab File: VX024724.D

Acq: 11 Oct 2021 19:59

Tgt Ion:	42	Resp:	613
Ion	Ratio	Lower	Upper
42	100		
72	21.4	41.7	62.5#
71	15.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.299 ug/l

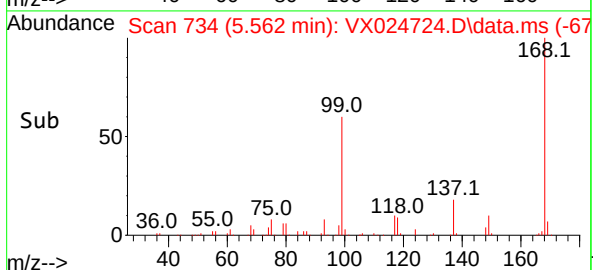
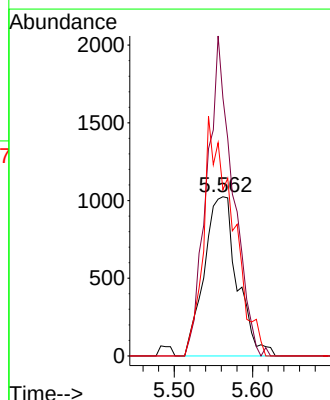
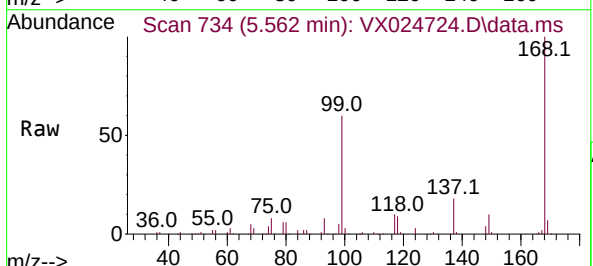
RT: 5.562 min Scan# 734

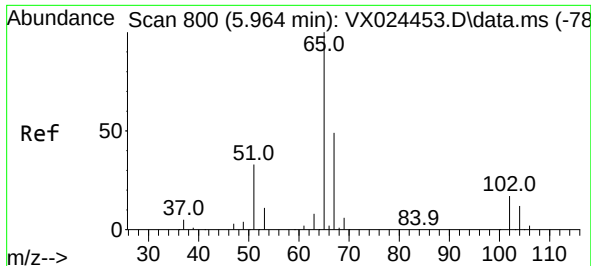
Delta R.T. 0.085 min

Lab File: VX024724.D

Acq: 11 Oct 2021 19:59

Tgt Ion:	56	Resp:	3007
Ion	Ratio	Lower	Upper
56	100		
69	162.2	25.3	37.9#
84	104.5	71.4	107.0

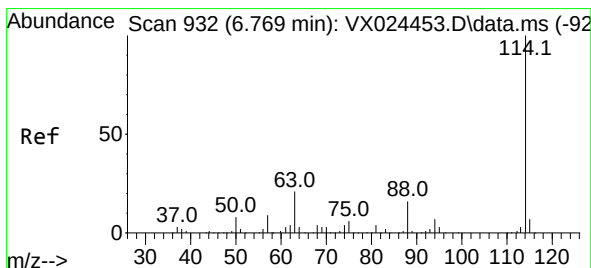
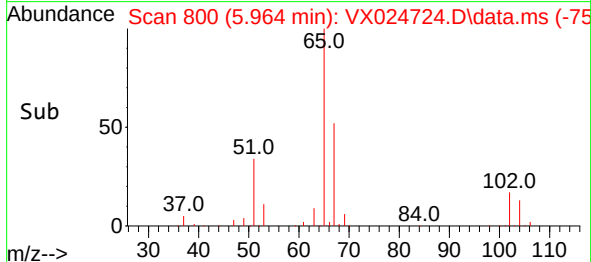
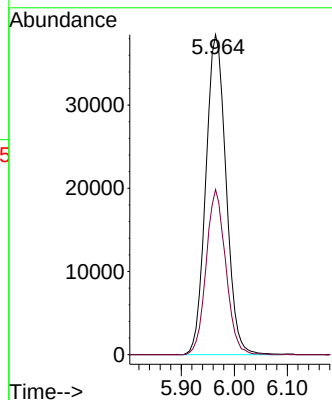
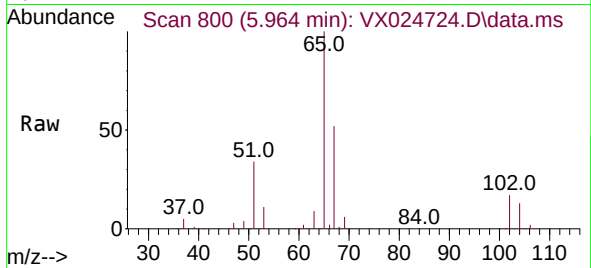




#33
 1,2-Dichloroethane-d4
 Concen: 52.830 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX024724.D
 Acq: 11 Oct 2021 19:59

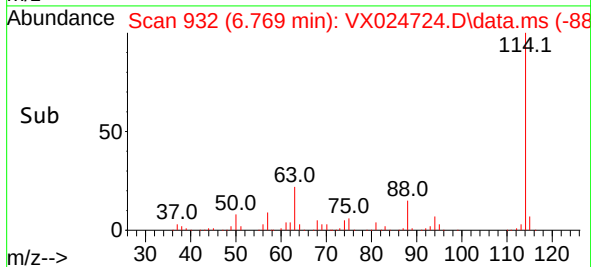
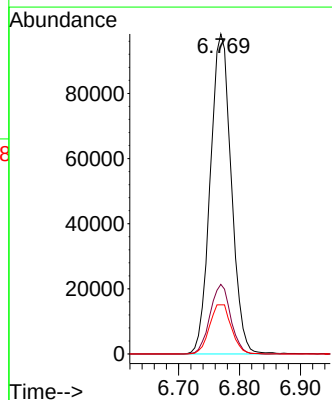
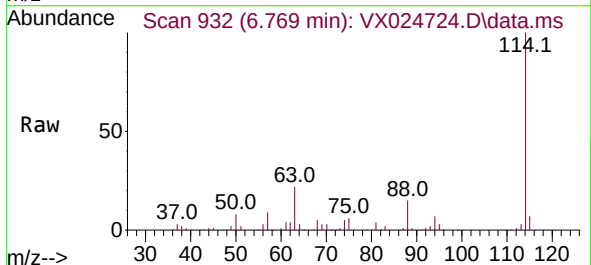
Instrument :
 MSVOA_X
 ClientSampled :

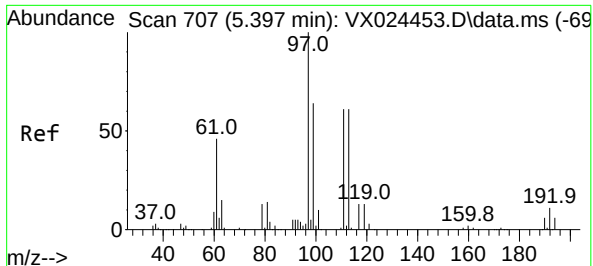
Tgt Ion: 65 Resp: 102126
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024724.D
 Acq: 11 Oct 2021 19:59

Tgt Ion: 114 Resp: 235056
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.8
 88 15.3 0.0 32.8

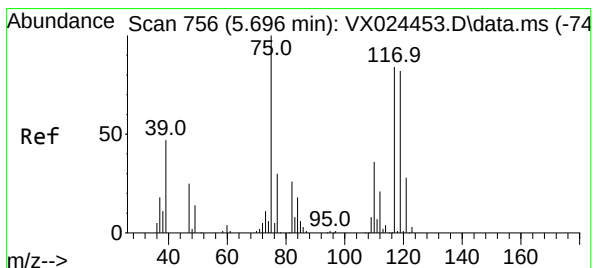
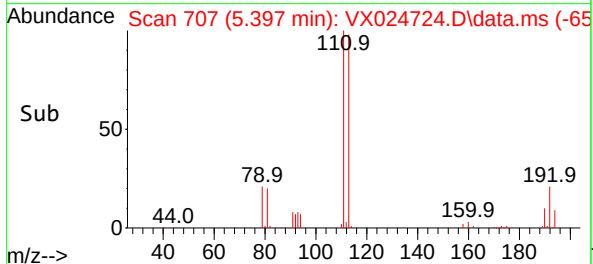
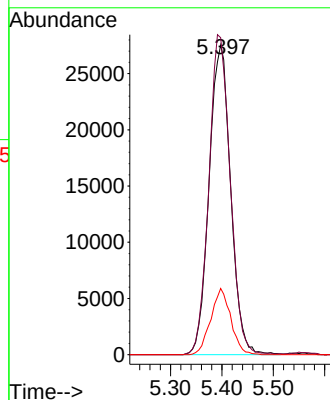
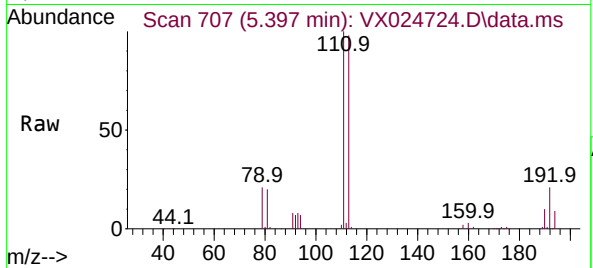




#35
Dibromofluoromethane
Concen: 51.518 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

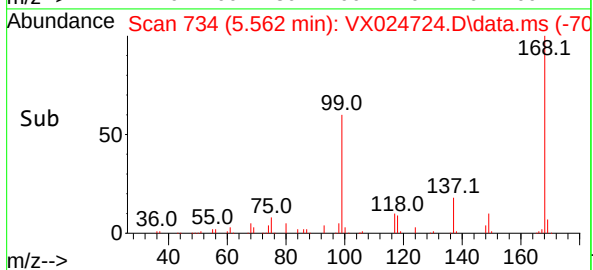
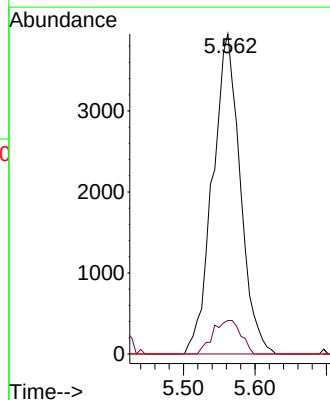
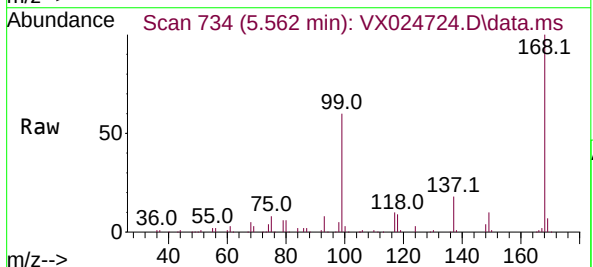
Instrument :
MSVOA_X
ClientSampleId :

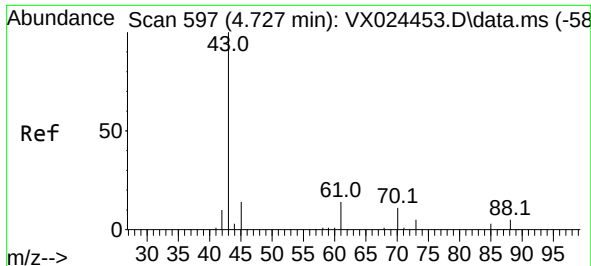
Tgt Ion:113 Resp: 80447
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.693 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 75 Resp: 10575
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.4#
77 0.0 25.3 37.9#

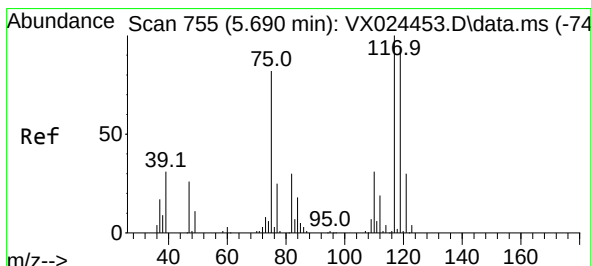
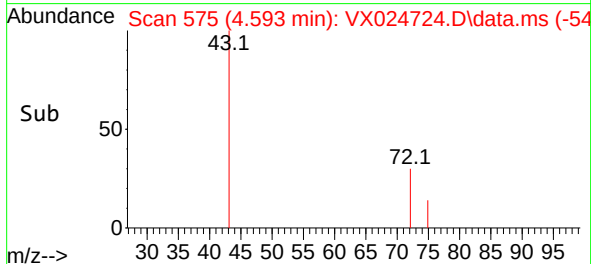
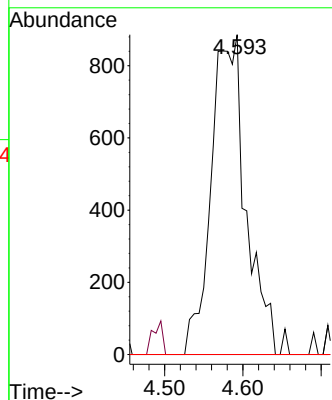
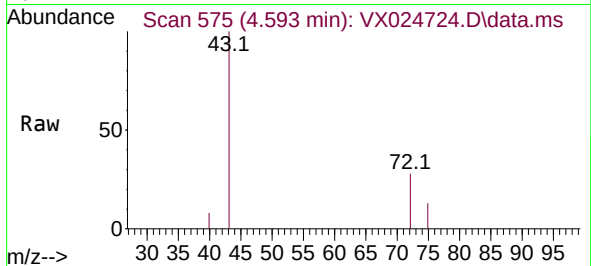




#37
Ethyl Acetate
Concen: 0.965 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.134 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

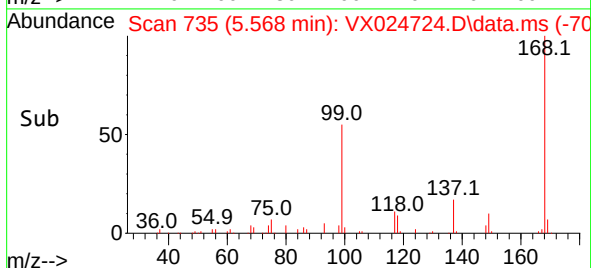
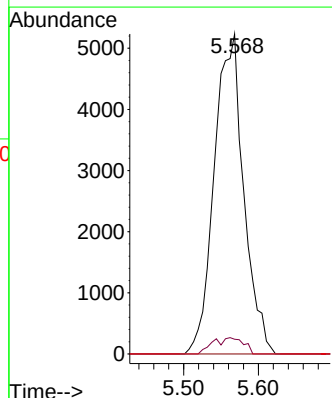
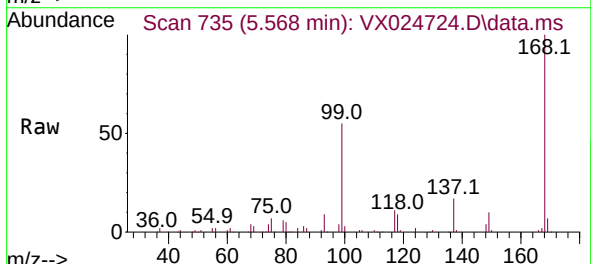
Instrument :
MSVOA_X
ClientSampleId :

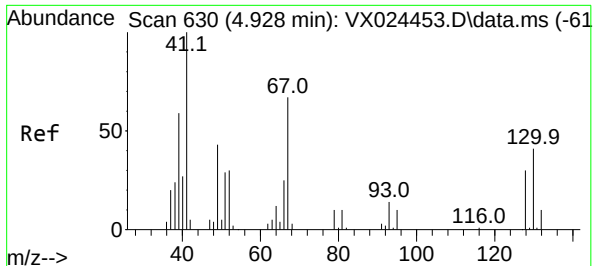
Tgt Ion: 43 Resp: 2716
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



#38
Carbon Tetrachloride
Concen: 5.827 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 117 Resp: 14294
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

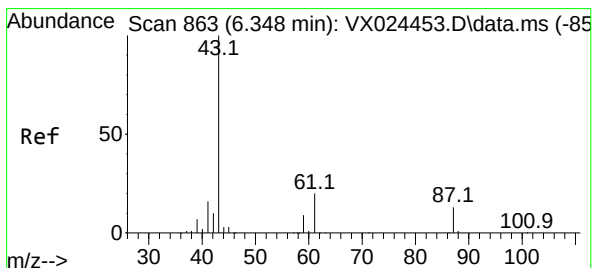
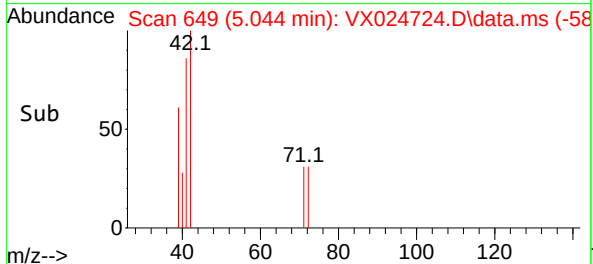
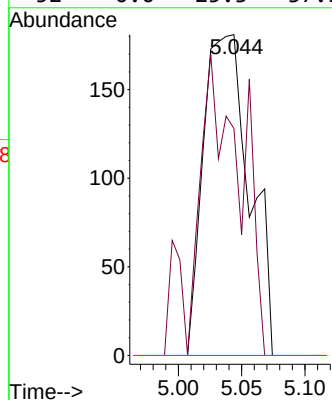
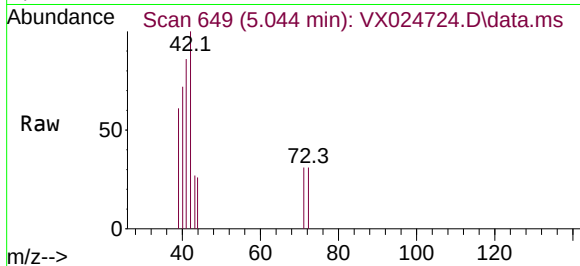




#41
Methacrylonitrile
Concen: 0.318 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

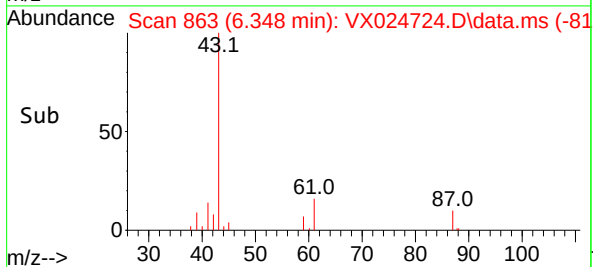
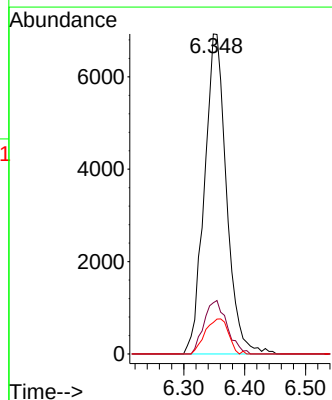
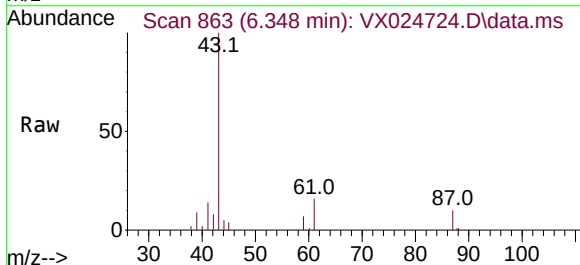
Instrument :
MSVOA_X
ClientSampleId :

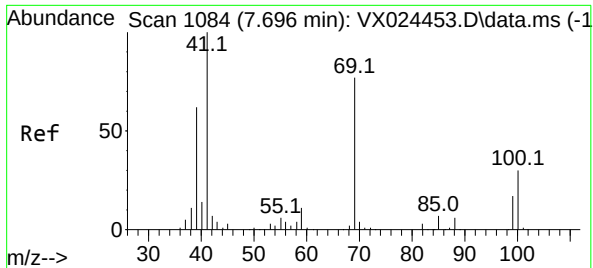
Tgt Ion:	41	Resp:	462
Ion	Ratio	Lower	Upper
41	100		
39	80.3	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.078 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion:	43	Resp:	17442
Ion	Ratio	Lower	Upper
43	100		
61	17.4	18.2	27.4#
87	11.6	12.5	18.7#

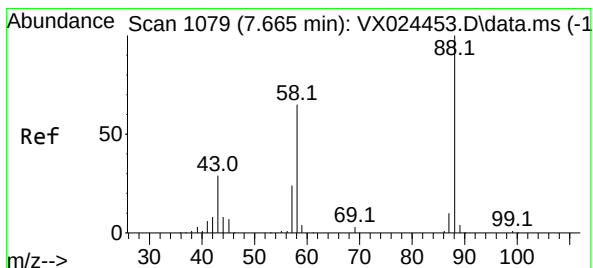
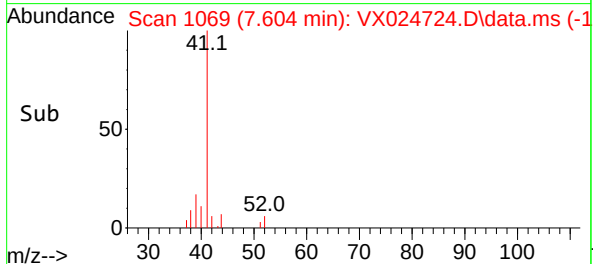
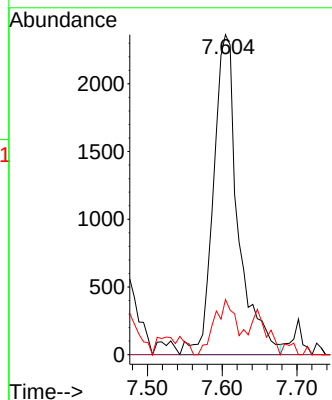
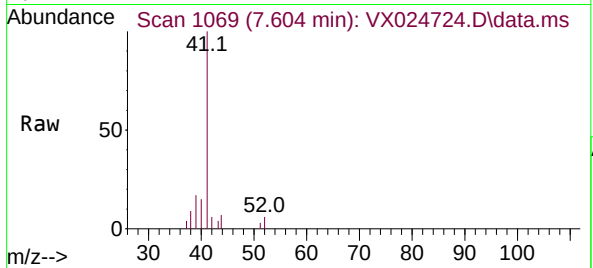




#48
Methyl methacrylate
Concen: 2.566 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

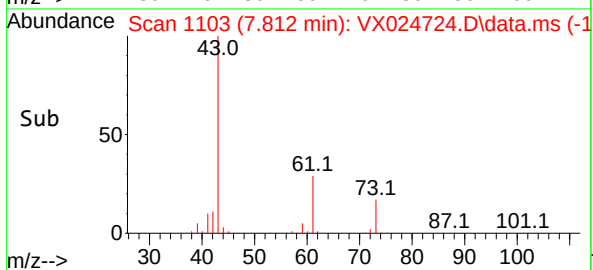
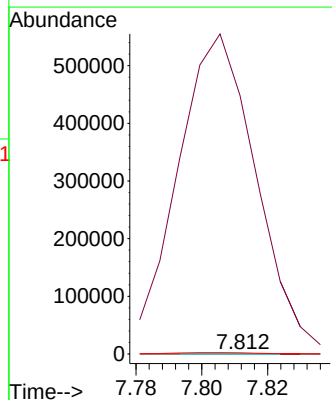
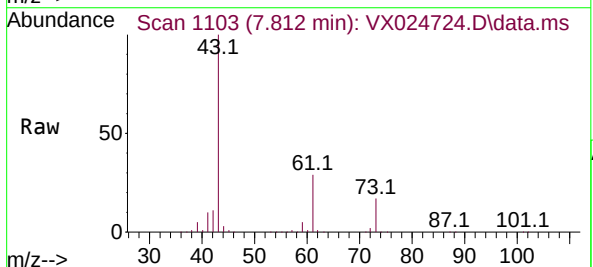
Instrument :
MSVOA_X
ClientSampleId :

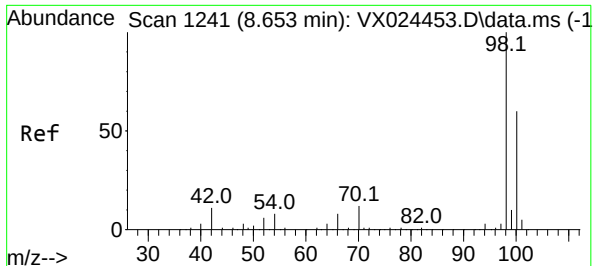
Tgt Ion: 41 Resp: 5435
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 1.649 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.147 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 1176081.3 23.2 34.8#
58 5215.0 55.0 82.4#





#50

Toluene-d8

Concen: 52.270 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024724.D

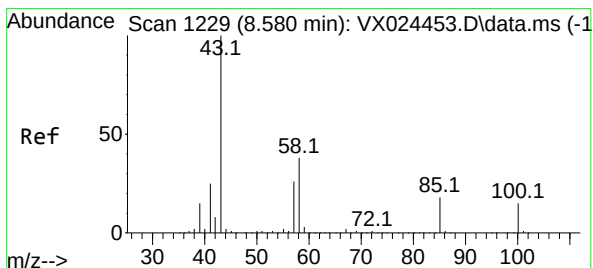
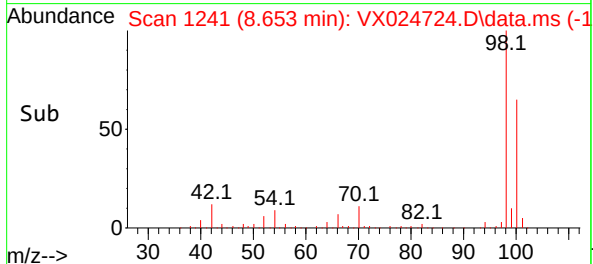
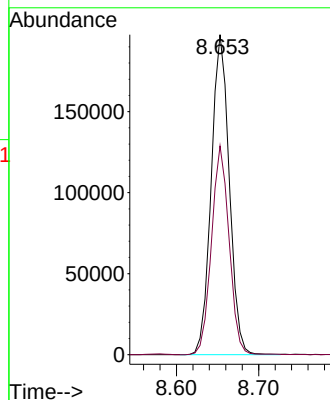
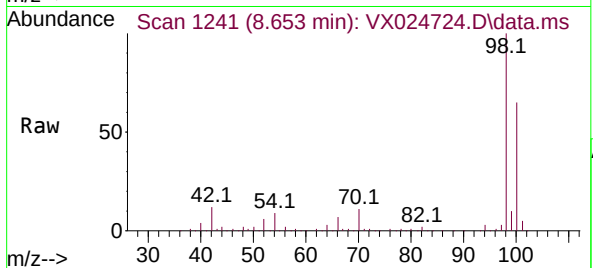
Acq: 11 Oct 2021 19:59

Tgt Ion: 98 Resp: 300411

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 22.568 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.025 min

Lab File: VX024724.D

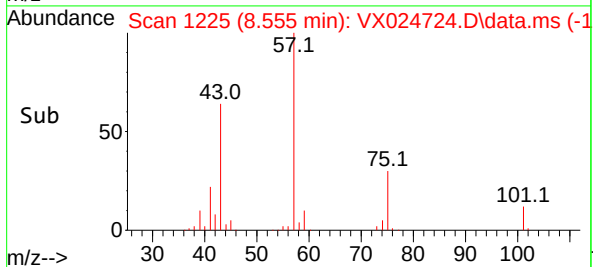
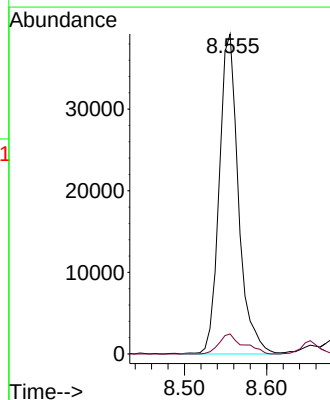
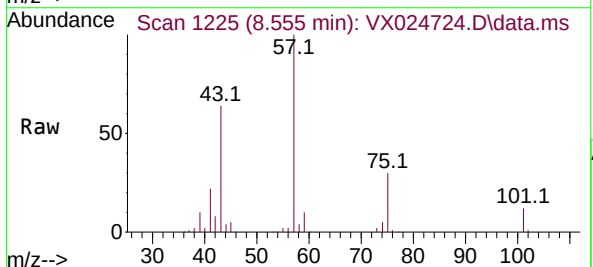
Acq: 11 Oct 2021 19:59

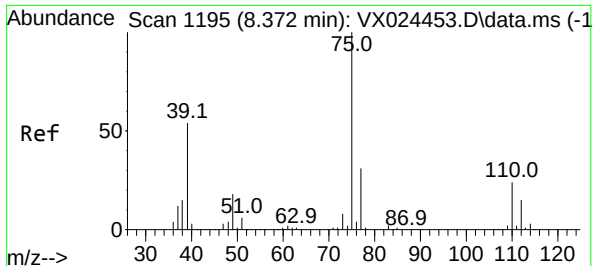
Tgt Ion: 43 Resp: 63725

Ion Ratio Lower Upper

43 100

58 7.9 35.4 53.0#

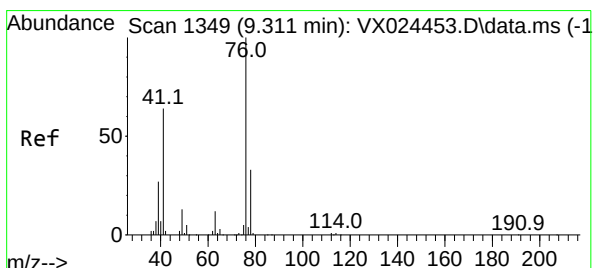
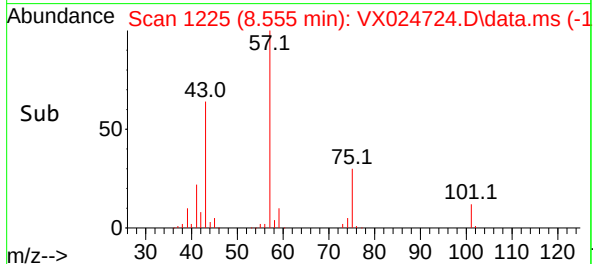
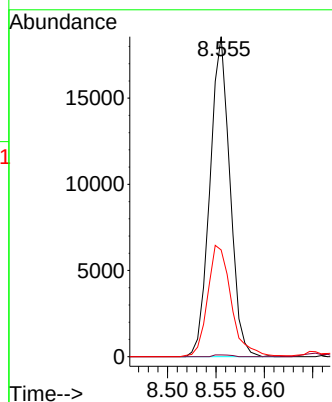
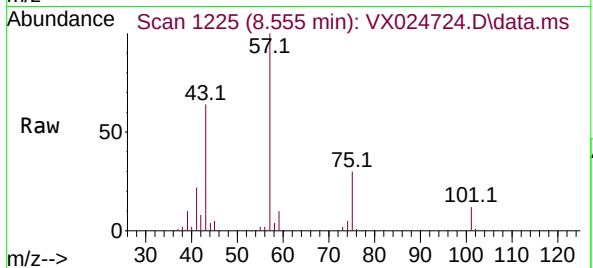




#54
 cis-1,3-Dichloropropene
 Concen: 10.162 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX024724.D
 Acq: 11 Oct 2021 19:59

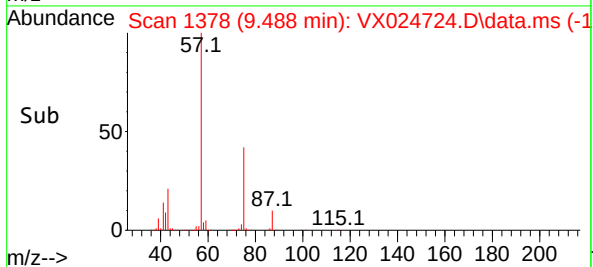
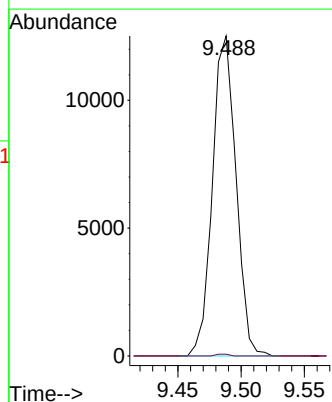
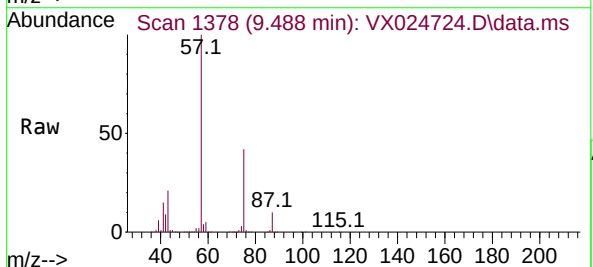
Instrument :
 MSVOA_X
 ClientSampled :

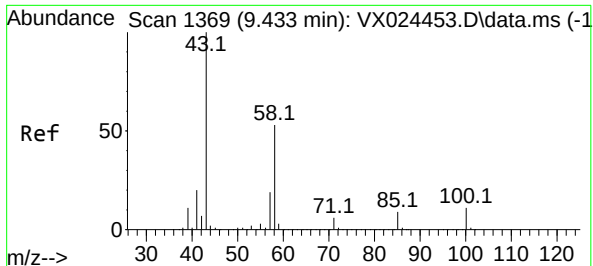
Tgt Ion: 75 Resp: 26757
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 33.4 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 5.580 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX024724.D
 Acq: 11 Oct 2021 19:59

Tgt Ion: 76 Resp: 16205
 Ion Ratio Lower Upper
 76 100
 78 0.3 26.2 39.2#

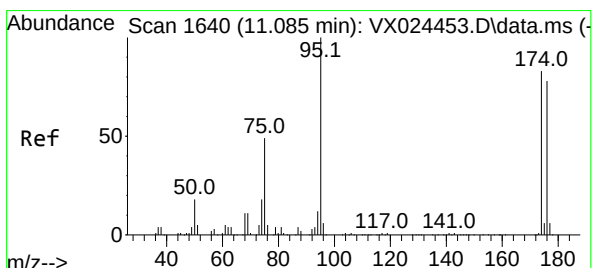
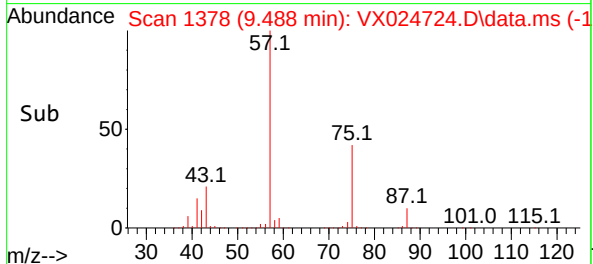
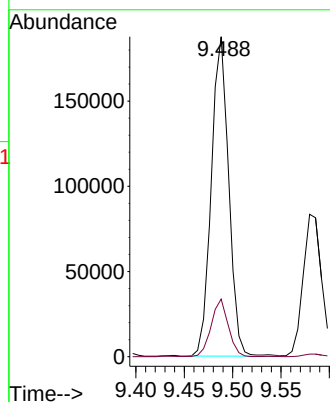
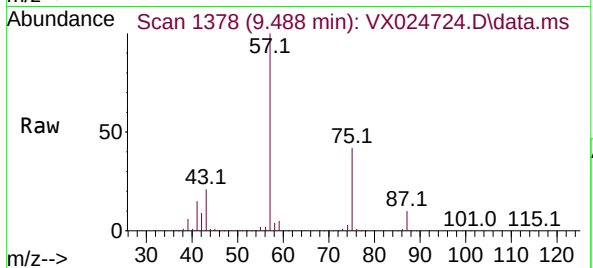




#59
2-Hexanone
Concen: 105.737 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

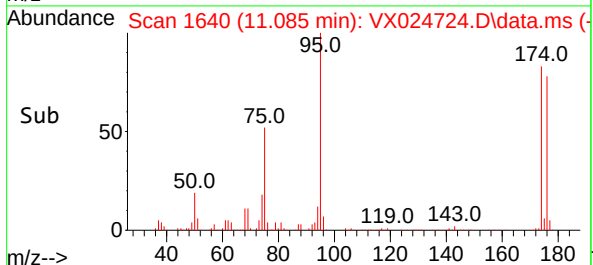
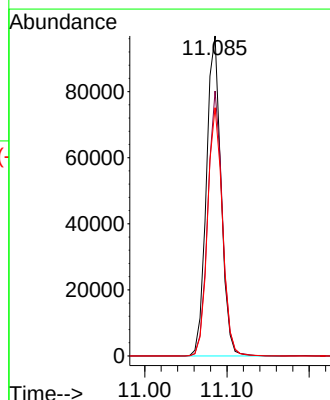
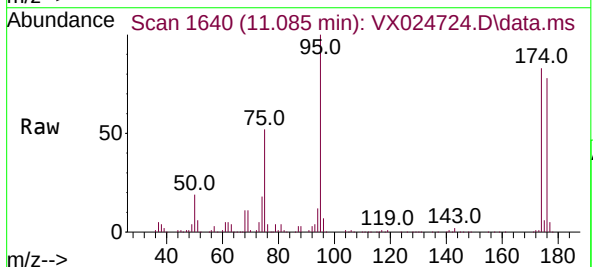
Instrument :
MSVOA_X
ClientSampleId :

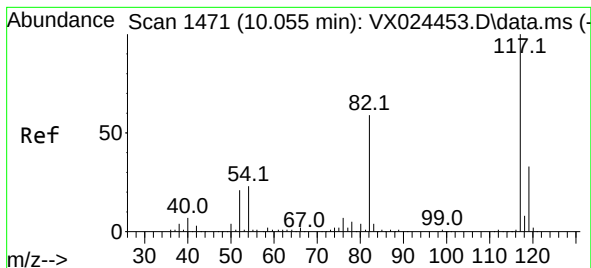
Tgt Ion: 43 Resp: 235125
Ion Ratio Lower Upper
43 100
58 17.6 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 52.987 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 95 Resp: 119735
Ion Ratio Lower Upper
95 100
174 81.8 0.0 154.6
176 78.9 0.0 155.8

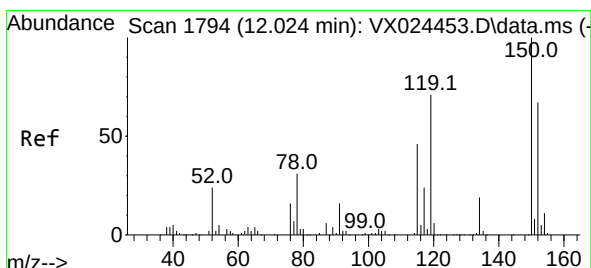
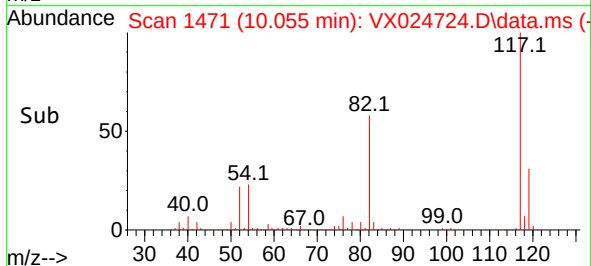
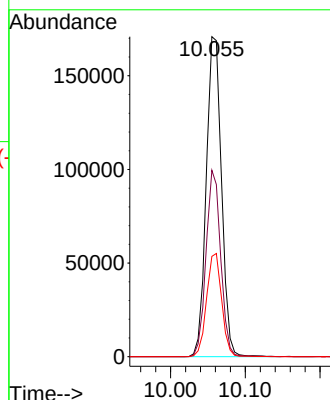
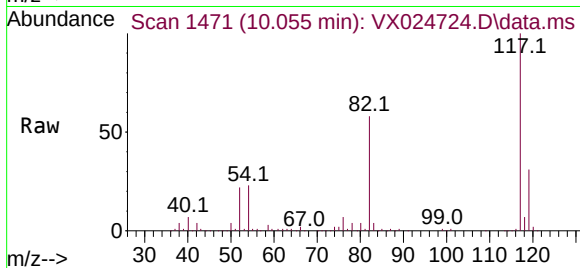




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

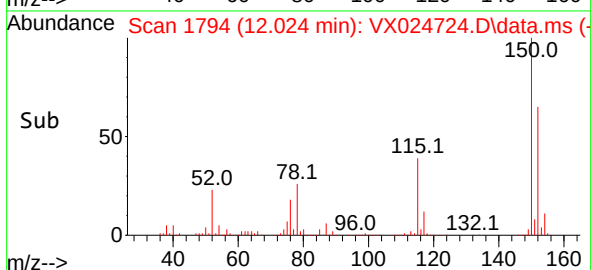
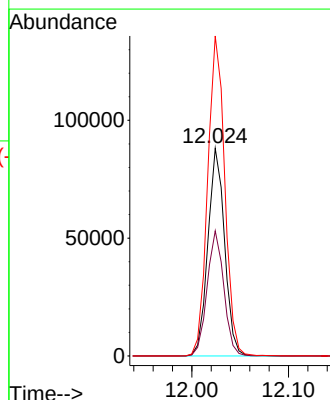
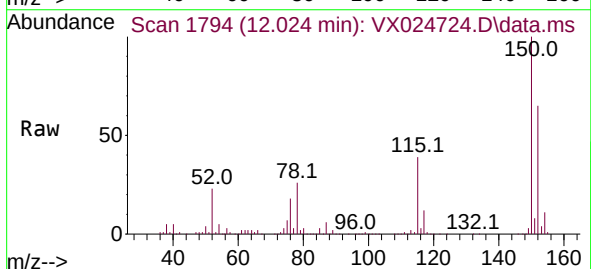
Instrument :
MSVOA_X
ClientSampled :

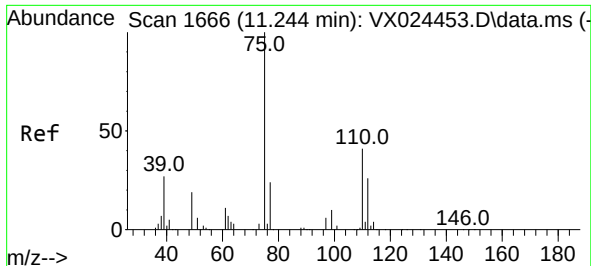
Tgt Ion:117 Resp: 241686
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion:152 Resp: 106013
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 157.6 0.0 349.0

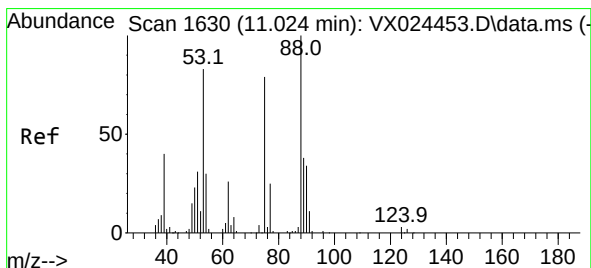
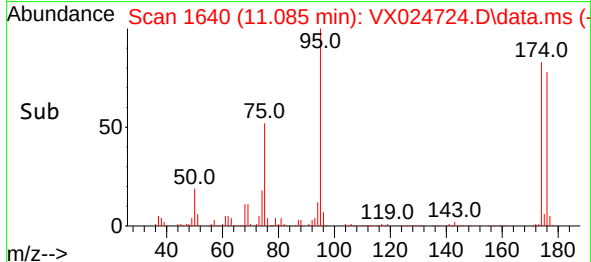
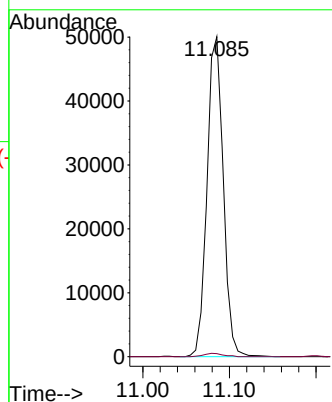
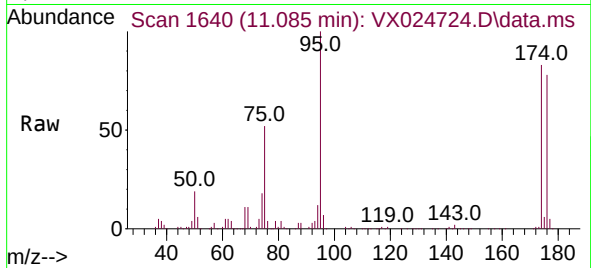




#76
1,2,3-Trichloropropane
Concen: 27.066 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 65161
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.648 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024724.D
Acq: 11 Oct 2021 19:59

Tgt Ion: 75 Resp: 65161
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

