

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024759.D
 Acq On : 12 Oct 2021 13:36
 Operator : JC/MD
 Sample : M4072-01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

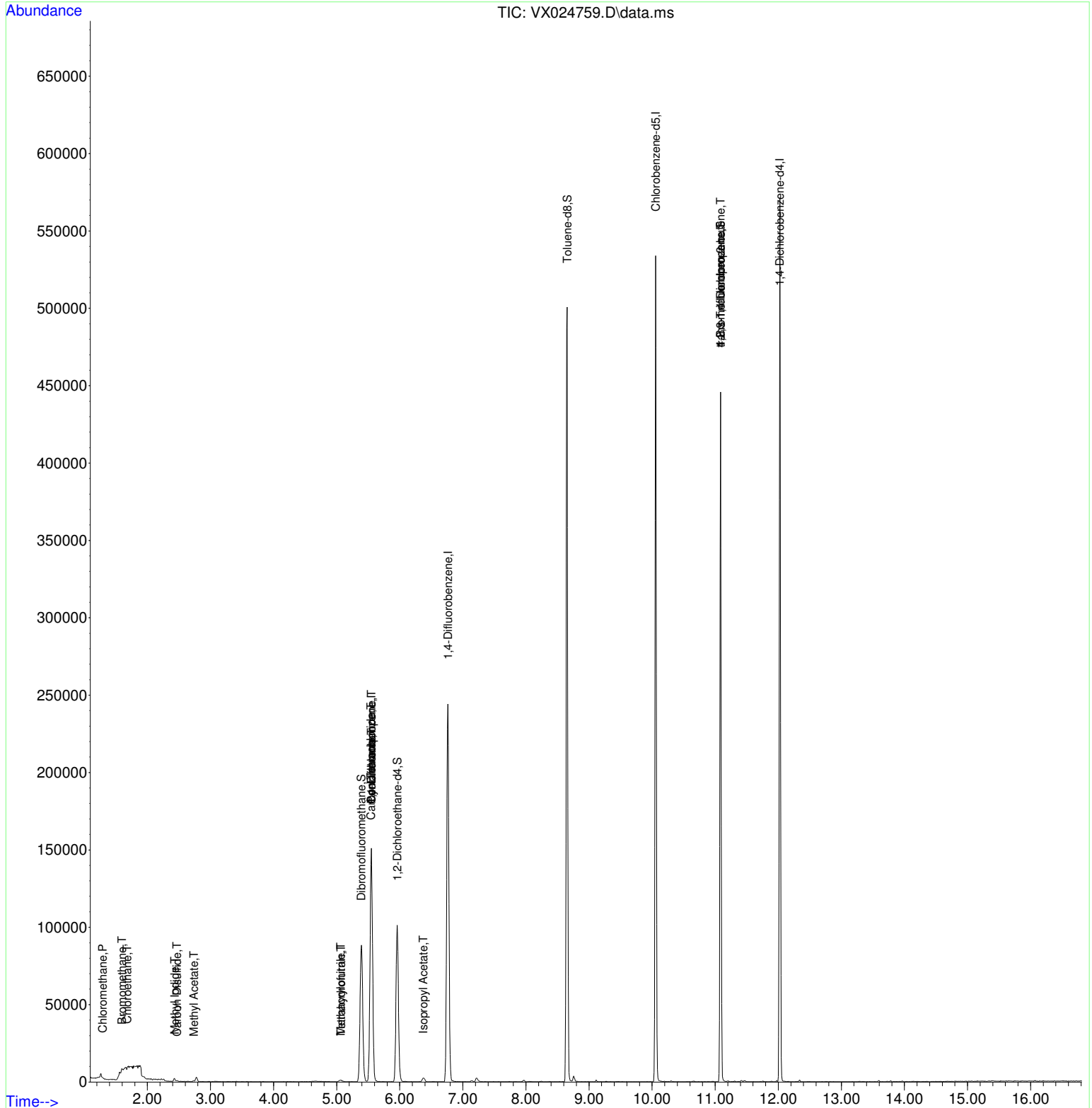
Quant Time: Oct 12 15:20:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

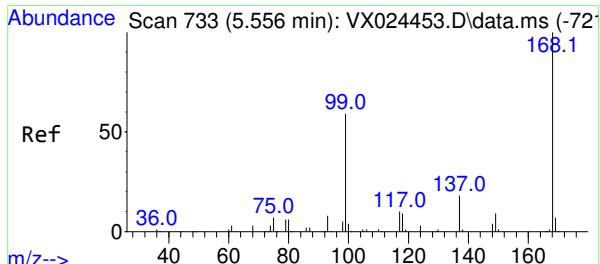
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	138880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103291	52.77	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	105.54%		
35) Dibromofluoromethane	5.391	113	77266	48.13	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.26%		
50) Toluene-d8	8.653	98	298469	50.51	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.02%		
62) 4-Bromofluorobenzene	11.085	95	115639	49.78	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.56%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	301	0.23	ug/l #	42
5) Bromomethane	1.599	94	879	0.95	ug/l #	74
6) Chloroethane	1.678	64	82	0.35	ug/l #	40
10) Methyl Iodide	2.434	142	1601	0.83	ug/l #	91
11) Tert butyl alcohol	2.739	59	22	Below Cal	#	73
16) Acetone	2.386	43	61	Below Cal	#	40
17) Carbon Disulfide	2.465	76	594	0.41	ug/l #	75
18) Methyl Acetate	2.739	43	1241	0.42	ug/l #	63
20) Methylene Chloride	2.782	84	1254	Below Cal	#	95
29) Tetrahydrofuran	5.068	42	881	1.03	ug/l #	40
31) Cyclohexane	5.550	56	3184	1.36	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	10841	4.68	ug/l #	51
38) Carbon Tetrachloride	5.544	117	14439	5.73	ug/l #	14
41) Methacrylonitrile	5.062	41	577	0.39	ug/l #	43
43) Isopropyl Acetate	6.373	43	1331	0.30	ug/l #	57
76) 1,2,3-Trichloropropane	11.085	75	62442	23.95	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	62442	65.40	ug/l #	12

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

Quant Time: Oct 12 15:20:58 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

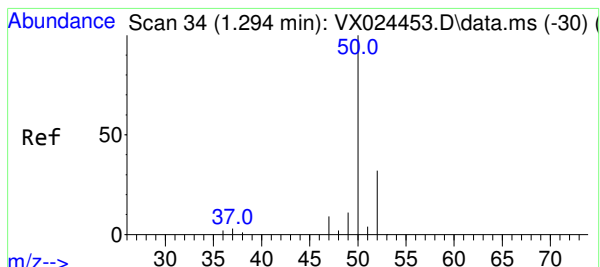
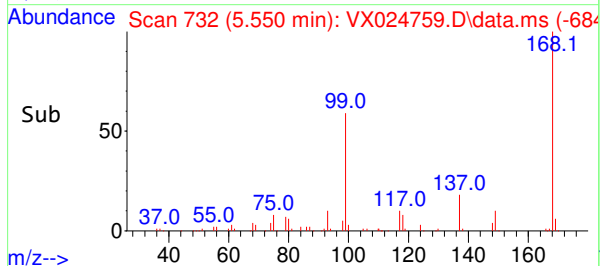
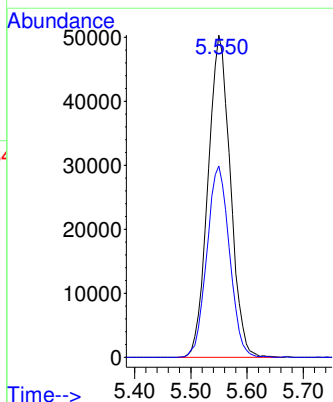
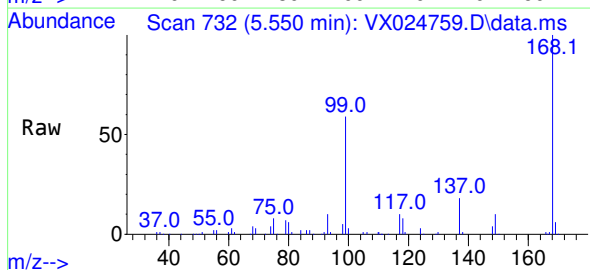




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

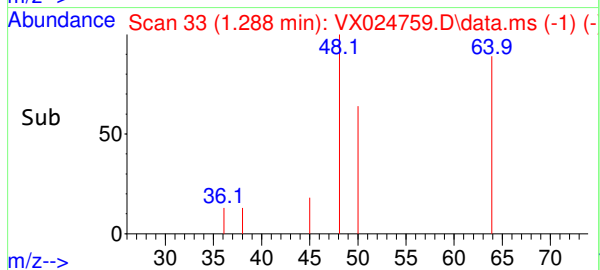
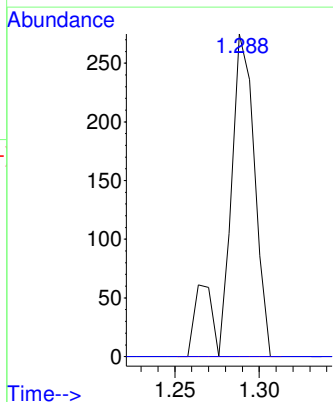
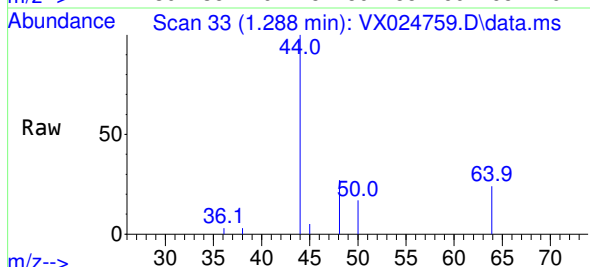
Instrument :
MSVOA_X
ClientSampled :

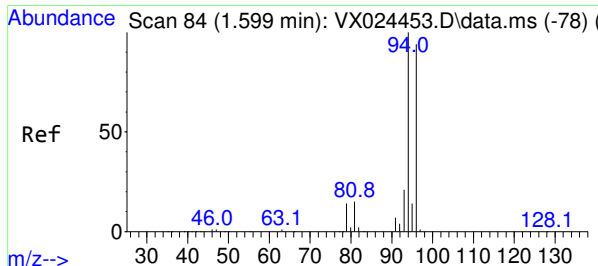
Tgt Ion:168 Resp: 138880
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 50 Resp: 301
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

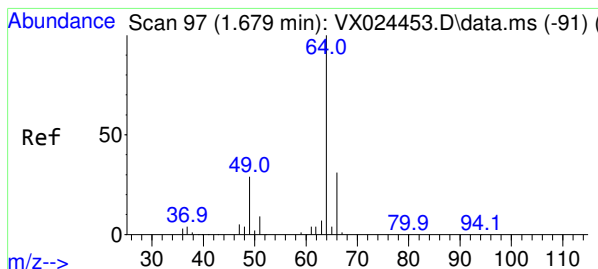
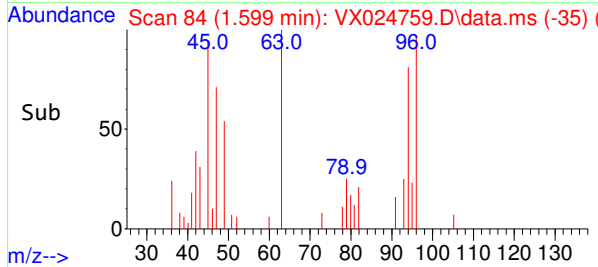
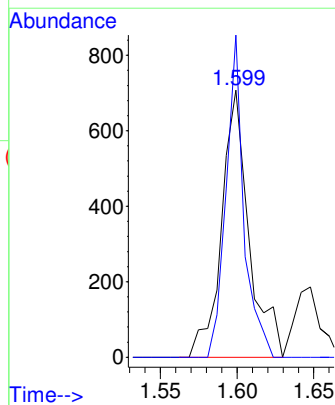
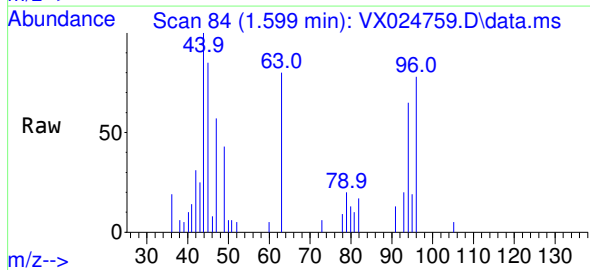




#5
Bromomethane
Concen: 0.95 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

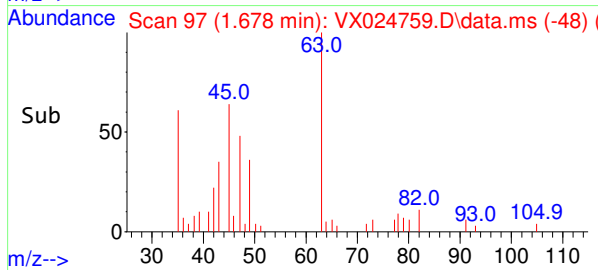
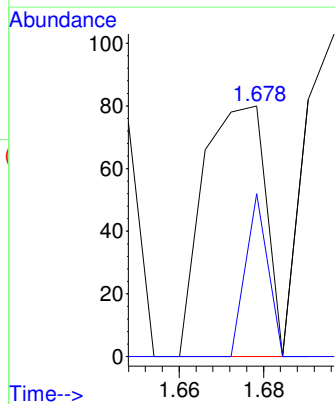
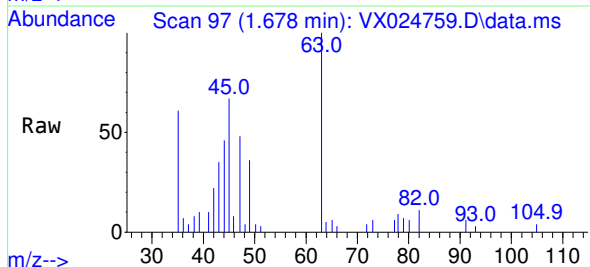
Instrument :
MSVOA_X
ClientSampled :

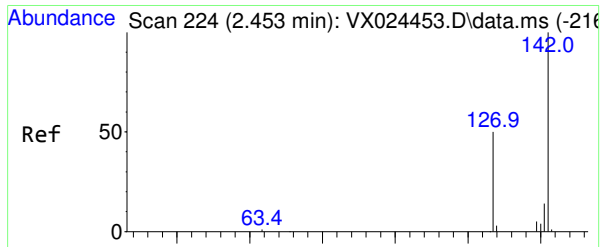
Tgt Ion: 94 Resp: 879
Ion Ratio Lower Upper
94 100
96 120.6 76.4 114.6#



#6
Chloroethane
Concen: 0.35 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 65.0 25.4 38.0#

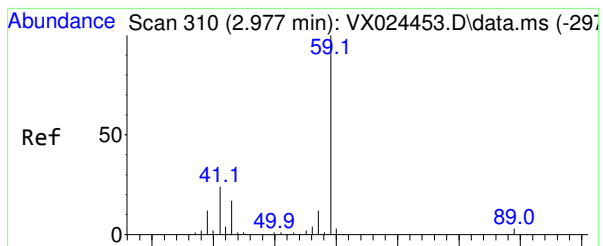
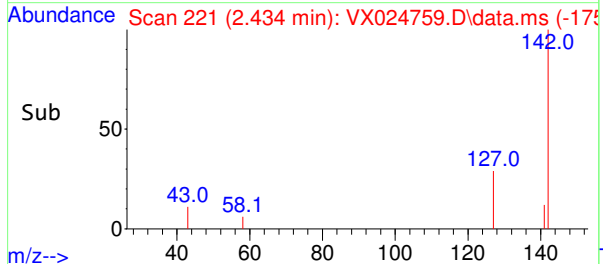
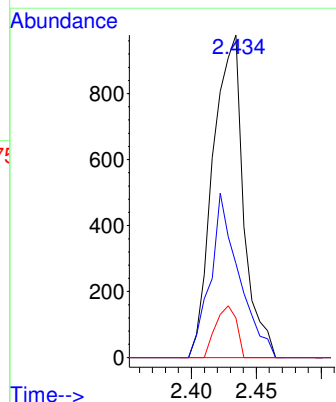
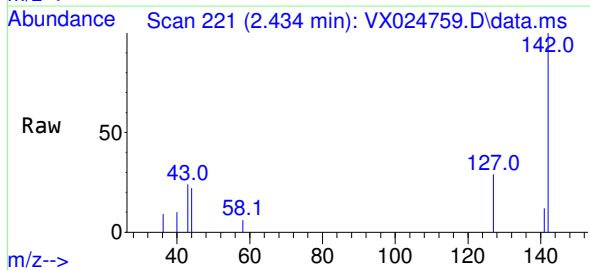




#10
Methyl Iodide
Concen: 0.83 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

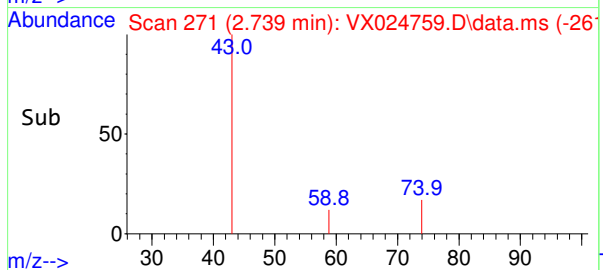
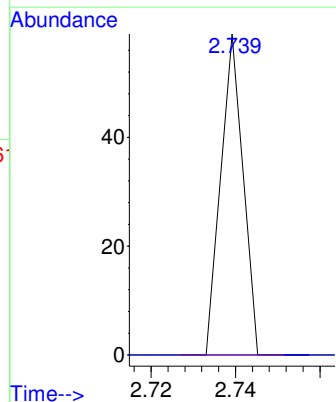
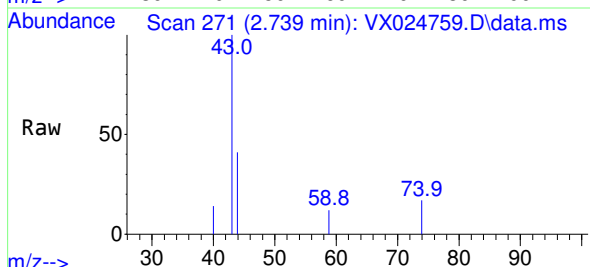
Instrument :
MSVOA_X
ClientSampled :

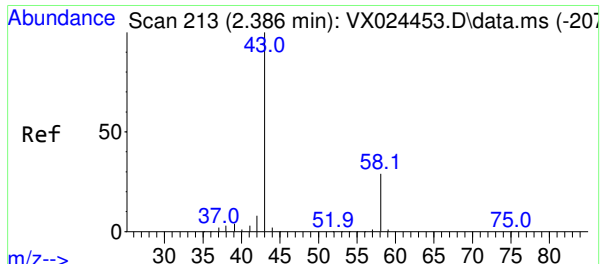
Tgt Ion:142 Resp: 1601
Ion Ratio Lower Upper
142 100
127 47.5 33.3 49.9
141 11.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.739 min Scan# 271
Delta R.T. -0.238 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

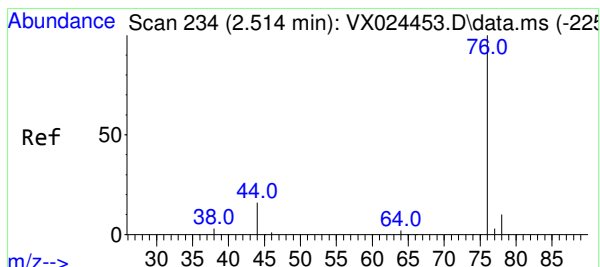
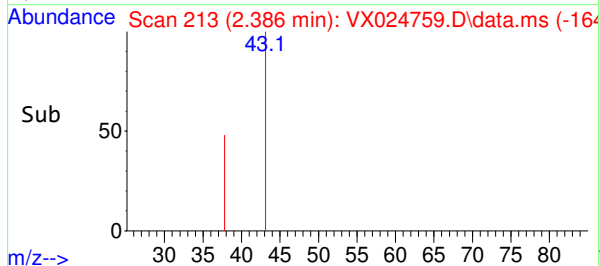
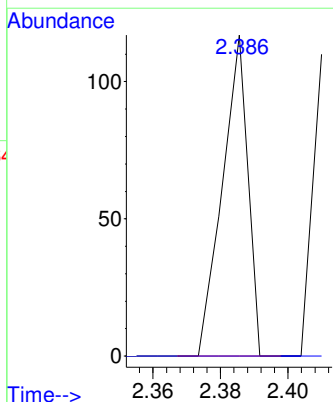
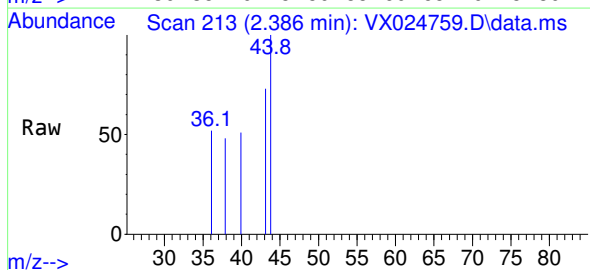




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

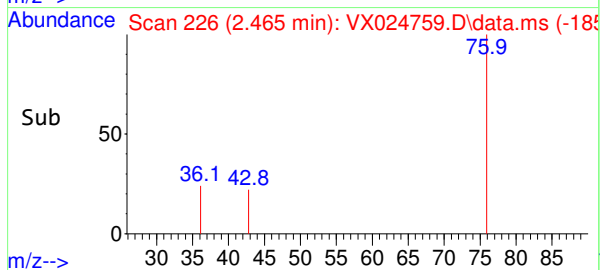
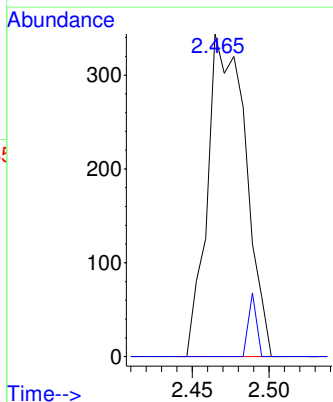
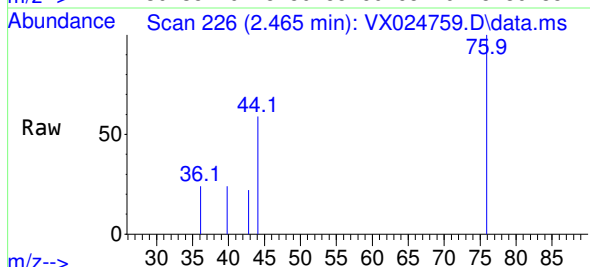
Instrument :
MSVOA_X
ClientSampled :

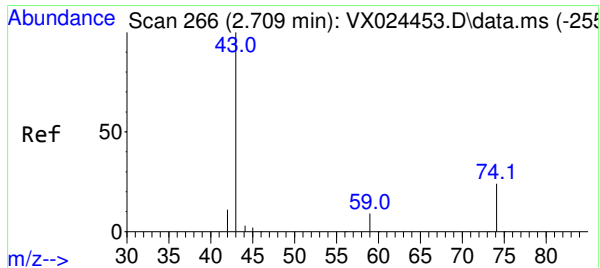
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.049 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 76 Resp: 594
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

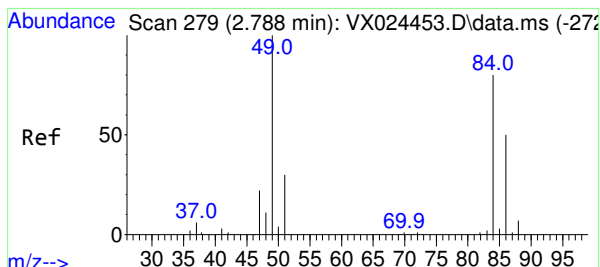
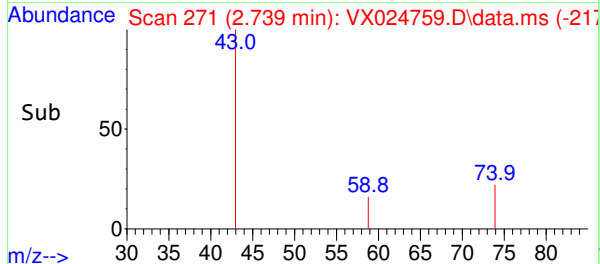
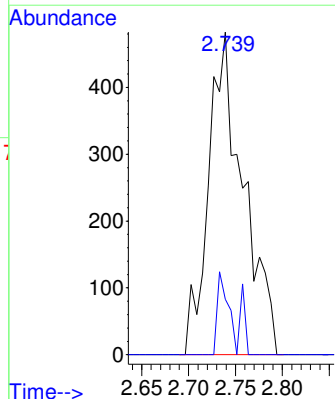
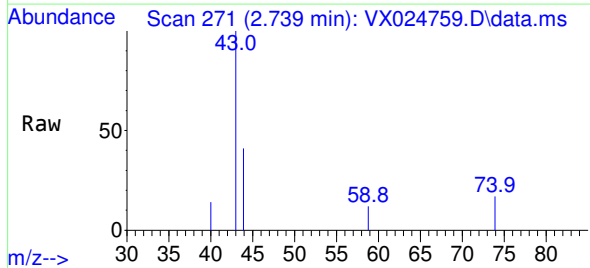




#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 2.739 min Scan# 271
Delta R.T. 0.030 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

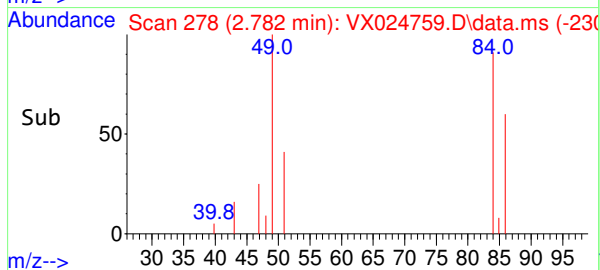
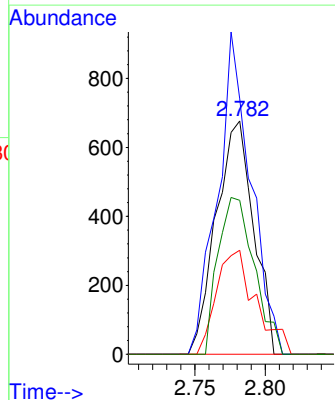
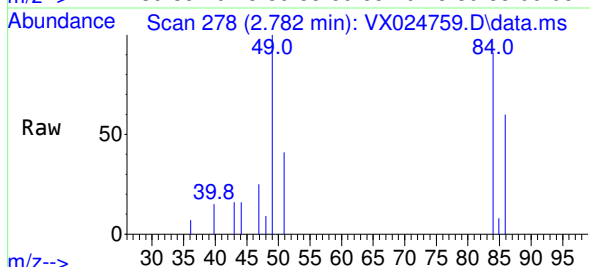
Instrument :
MSVOA_X
ClientSampled :

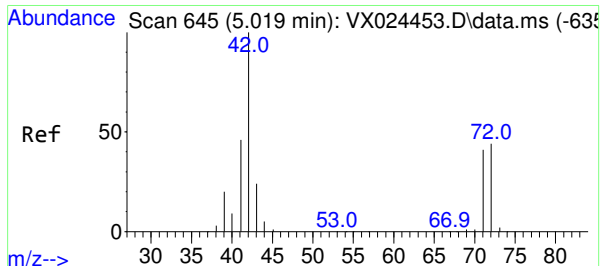
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
74 8.1 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 84 Resp: 1254
Ion Ratio Lower Upper
84 100
49 109.5 88.6 132.8
51 44.6 27.0 40.6#
86 66.0 50.3 75.5

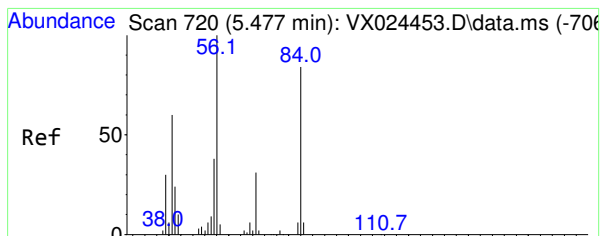
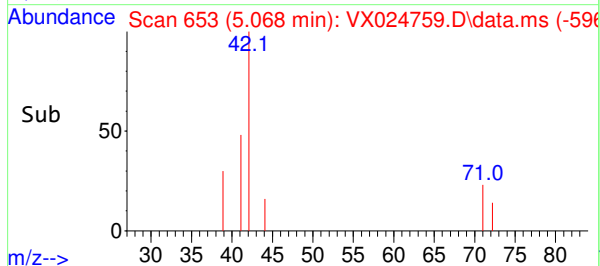
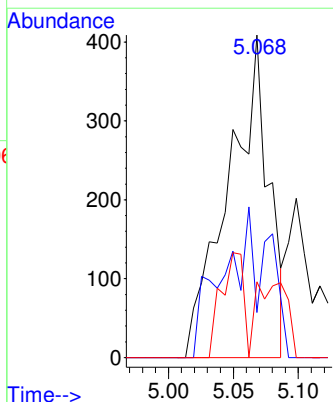
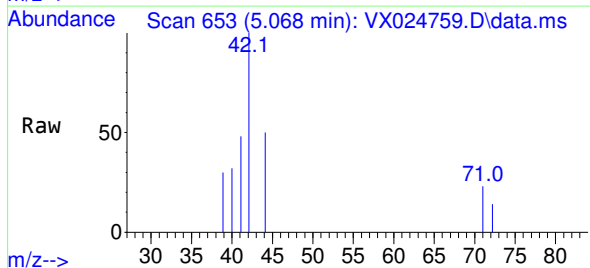




#29
Tetrahydrofuran
Concen: 1.03 ug/l
RT: 5.068 min Scan# 653
Delta R.T. 0.049 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

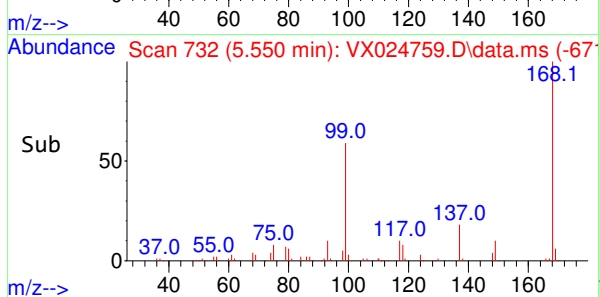
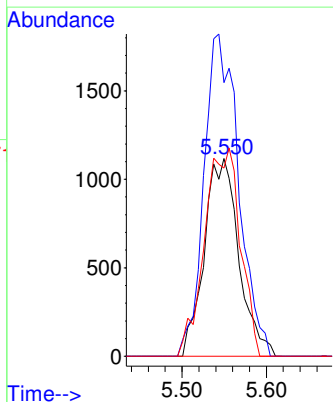
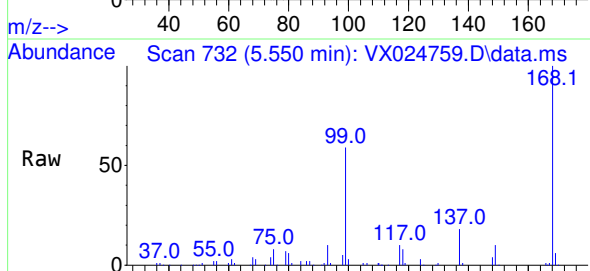
Instrument :
MSVOA_X
ClientSampled :

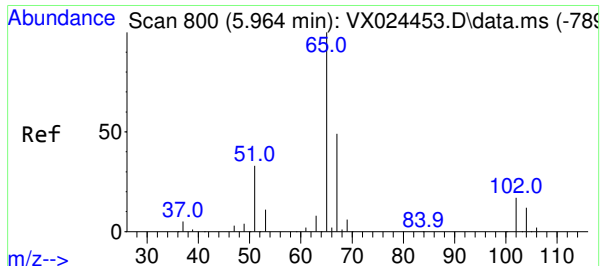
Tgt Ion: 42 Resp: 881
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 17.8 38.4 57.6#



#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 56 Resp: 3184
Ion Ratio Lower Upper
56 100
69 138.3 25.3 37.9#
84 95.1 71.4 107.0

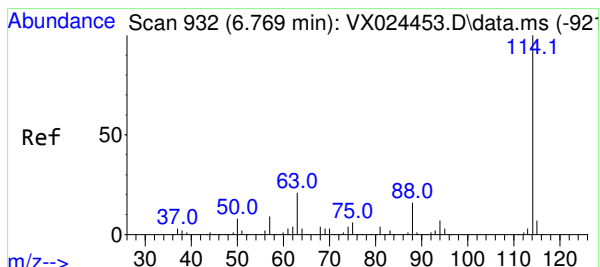
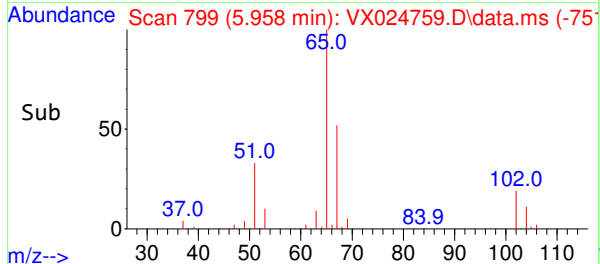
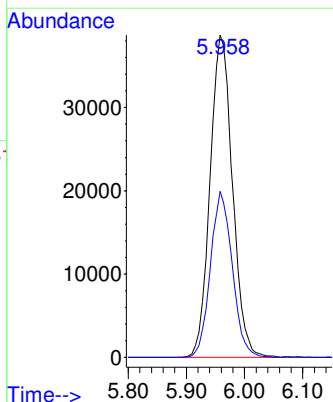
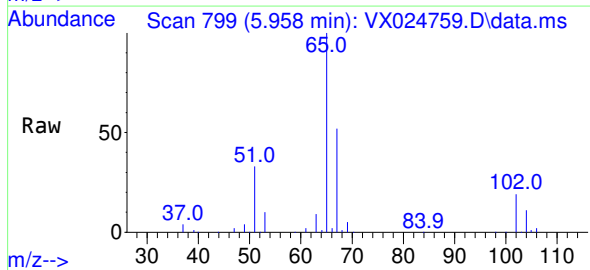




#33
1,2-Dichloroethane-d4
Concen: 52.77 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

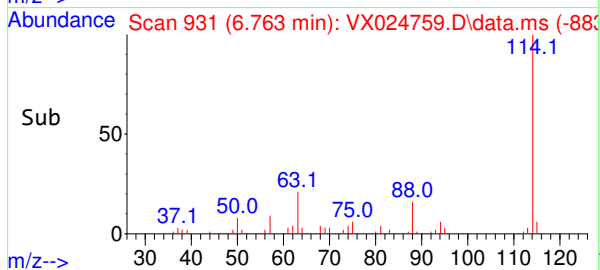
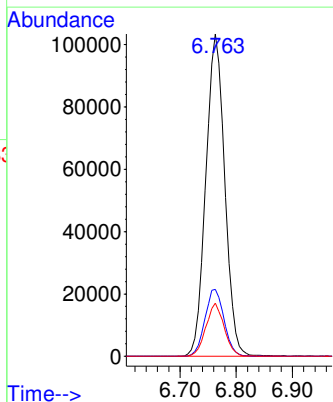
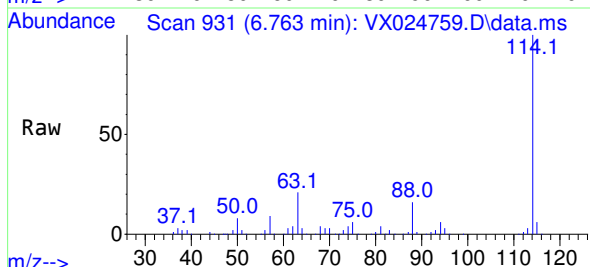
Instrument :
MSVOA_X
ClientSampled :

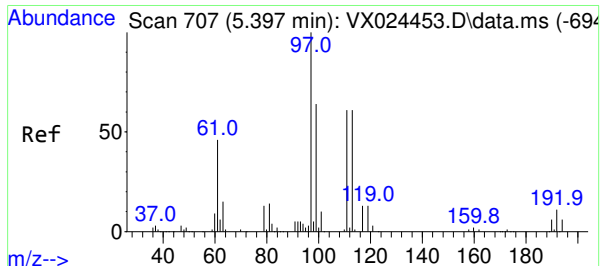
Tgt Ion: 65 Resp: 103291
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 114 Resp: 241652
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.5 0.0 32.8

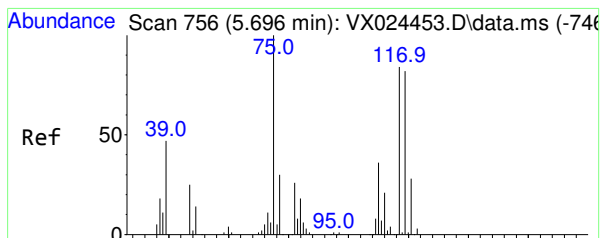
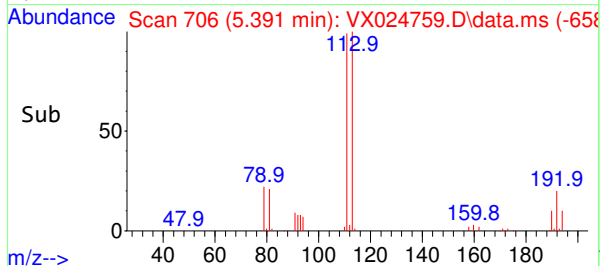
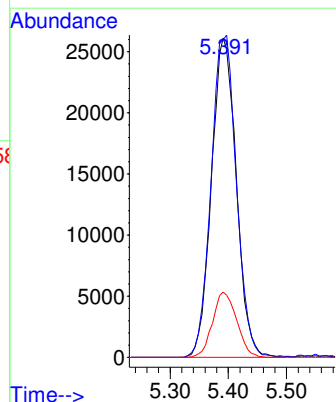
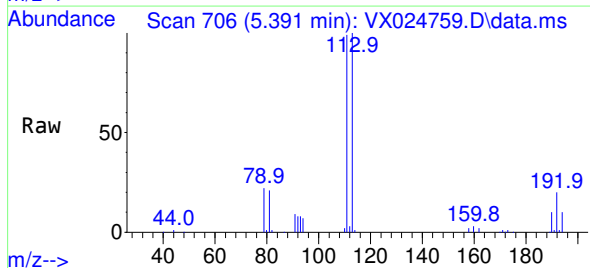




#35
Dibromofluoromethane
Concen: 48.13 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

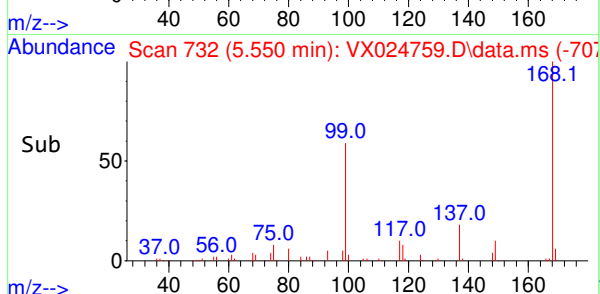
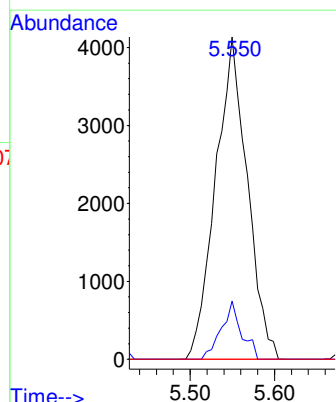
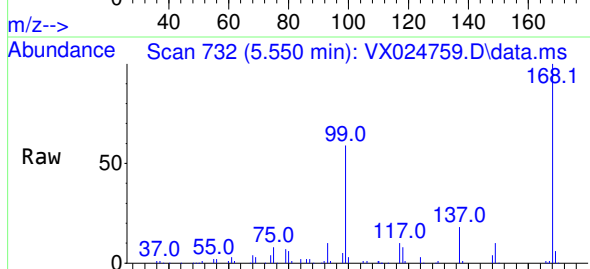
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:113 Resp: 77266
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.9 16.7 25.1

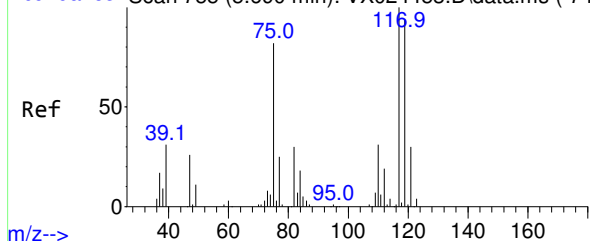


#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 75 Resp: 10841
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.4#
77 0.0 25.3 37.9#



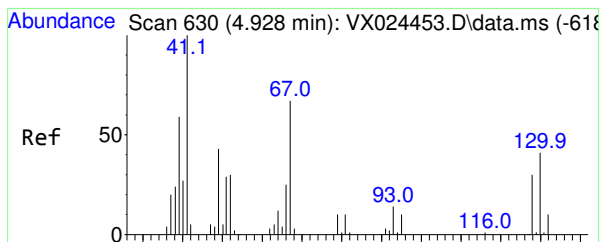
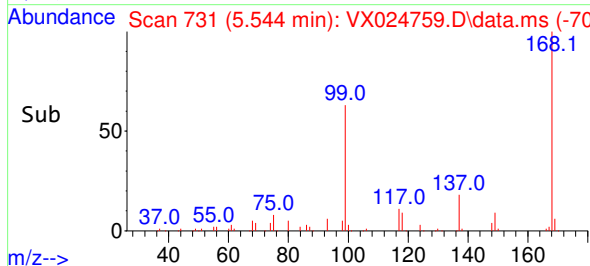
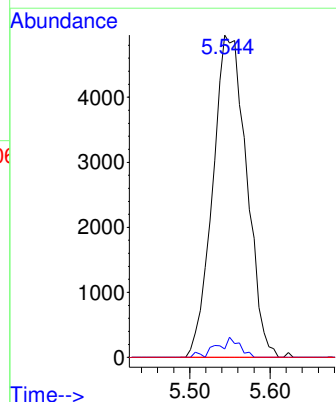
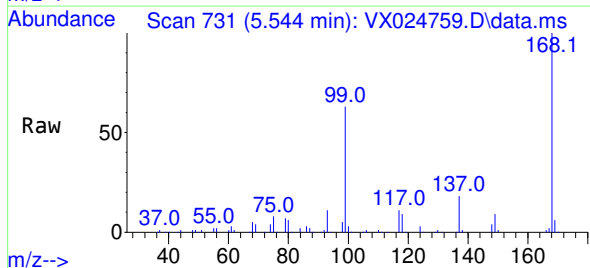
Abundance Scan 755 (5.690 min): VX024453.D\data.ms (-742



#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

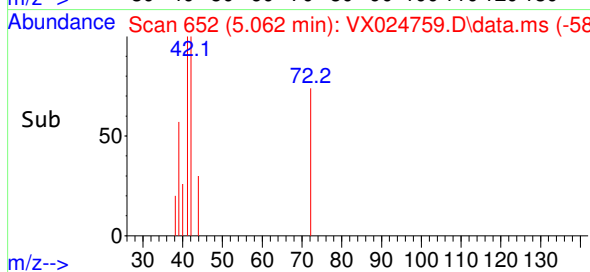
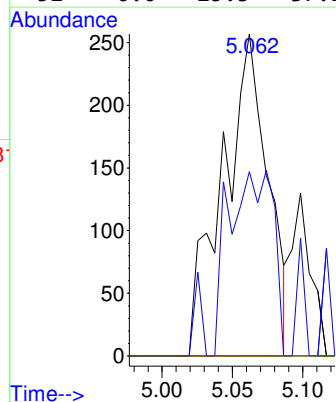
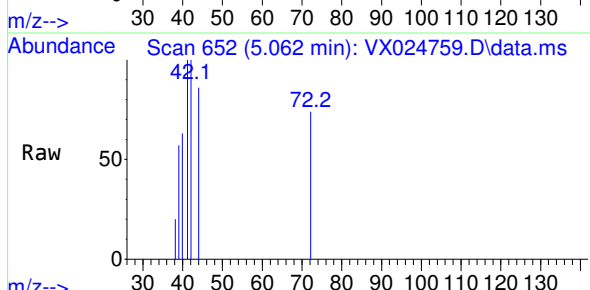
Instrument :
MSVOA_X
ClientSampled :

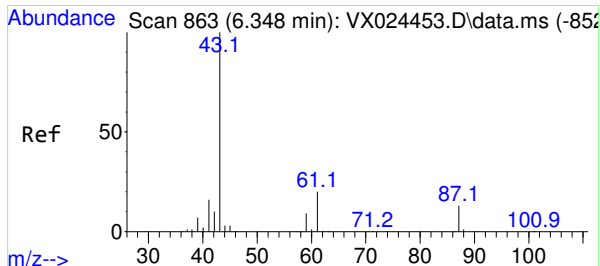
Tgt Ion:117 Resp: 14439
Ion Ratio Lower Upper
117 100
119 2.6 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.39 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.134 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 41 Resp: 577
Ion Ratio Lower Upper
41 100
39 56.5 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

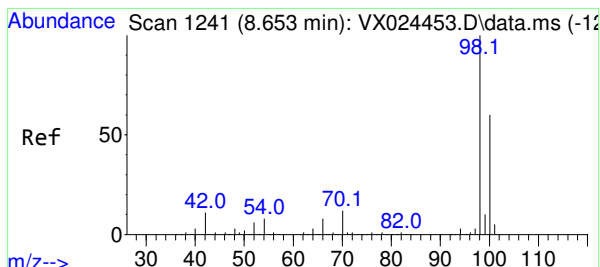
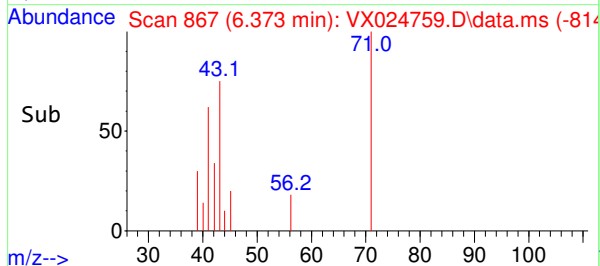
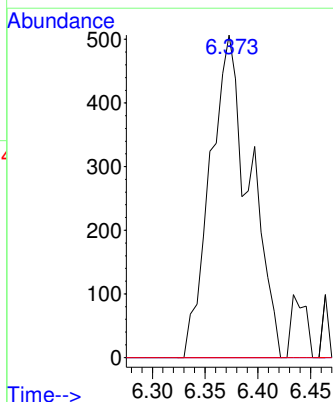
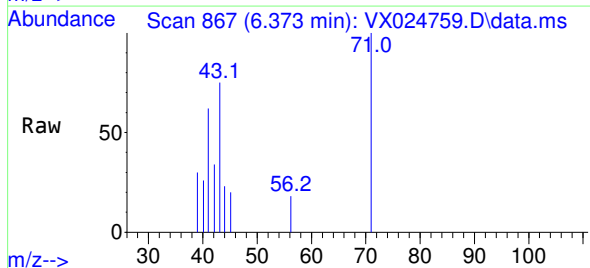




#43
Isopropyl Acetate
Concen: 0.30 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.025 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

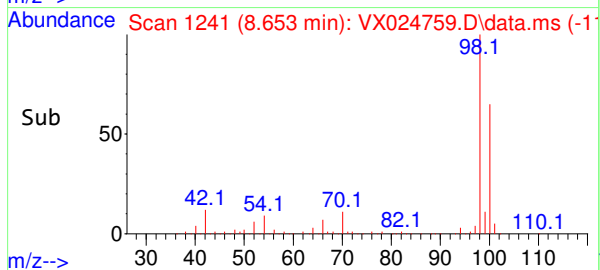
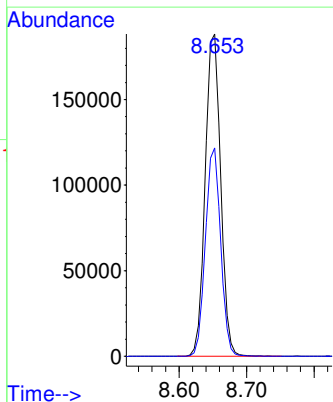
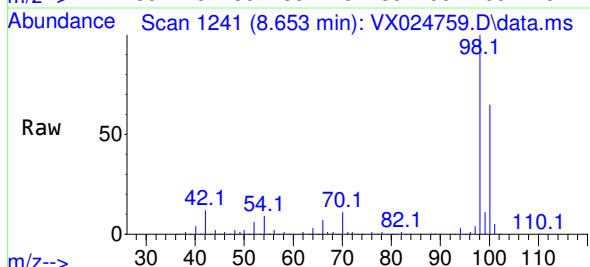
Instrument :
MSVOA_X
ClientSampled :

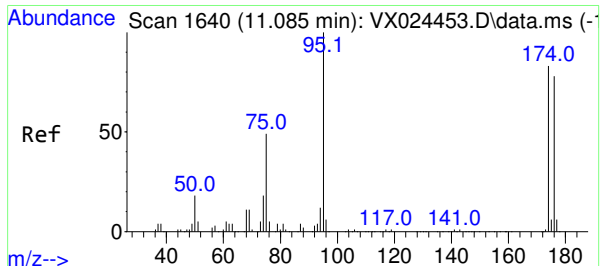
Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 50.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion: 98 Resp: 298469
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

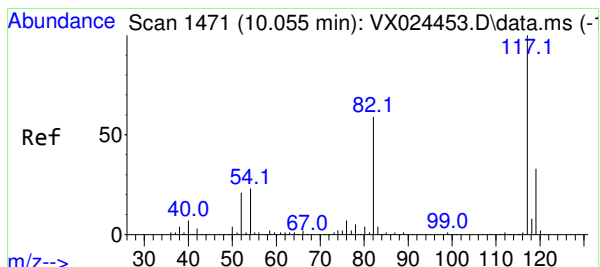
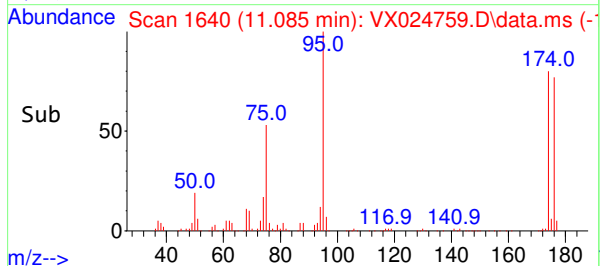
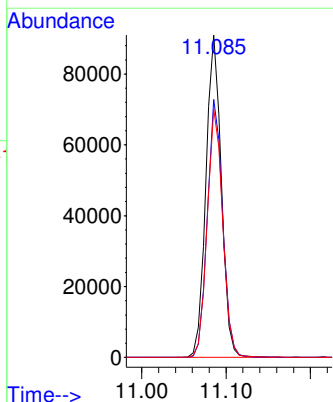
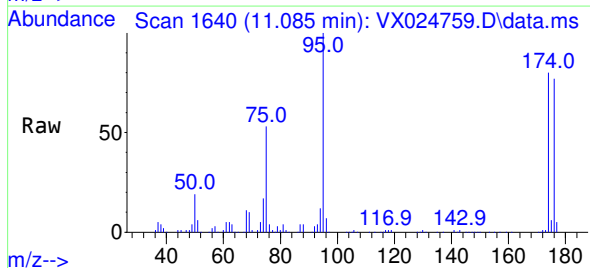




#62
4-Bromofluorobenzene
Concen: 49.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

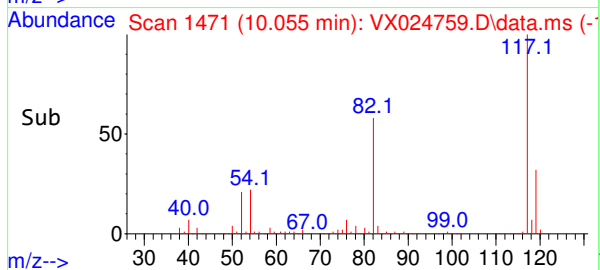
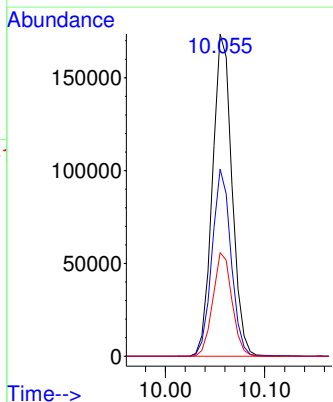
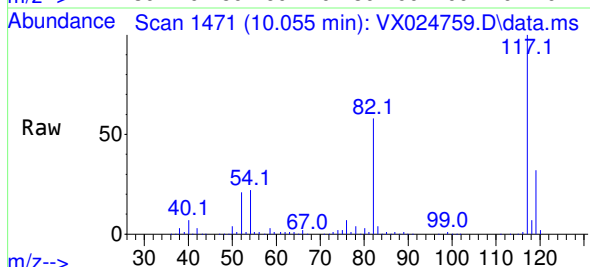
Instrument :
MSVOA_X
ClientSampled :

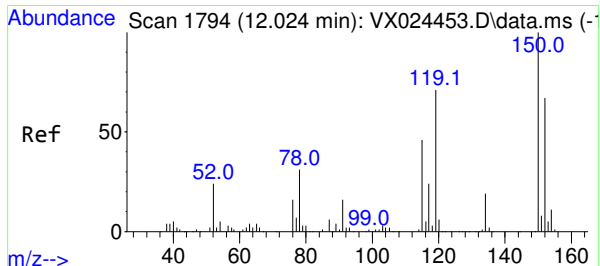
Tgt Ion:	95	Resp:	115639
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	154.6
176	77.7	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Tgt Ion:	117	Resp:	238227
Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.2
119	32.2	26.6	39.8

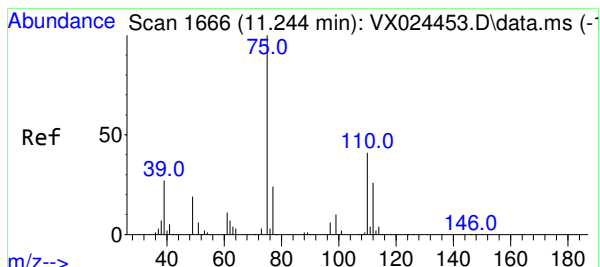
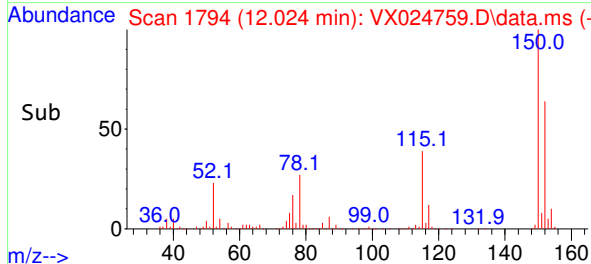
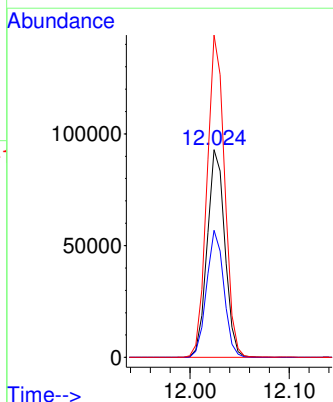
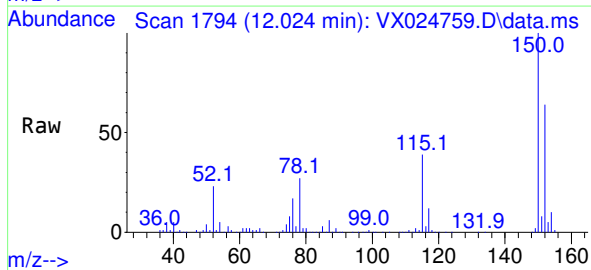




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

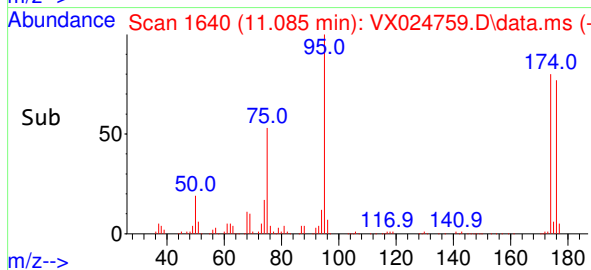
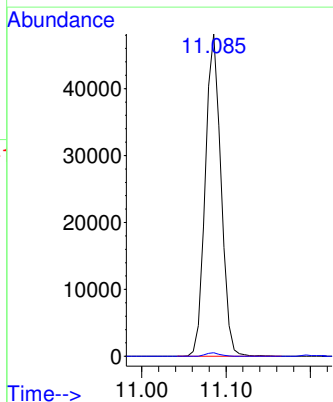
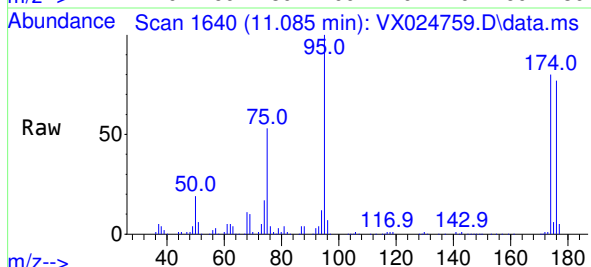
Instrument :
MSVOA_X
ClientSampled :

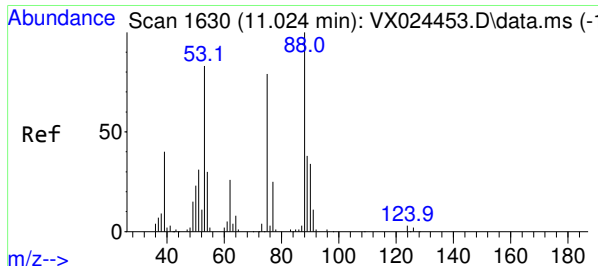
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.1	123.3
150	154.8	0.0	349.0



#76
1,2,3-Trichloropropane
Concen: 23.95 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

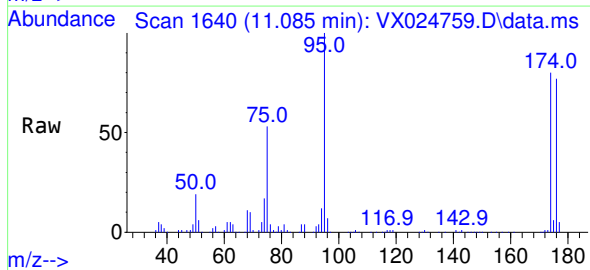
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.40 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024759.D
Acq: 12 Oct 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :



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

