

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037977.D
 Acq On : 29 Sep 2023 15:46
 Operator : JC/MD
 Sample : 04656-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103I

Quant Time: Sep 29 23:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

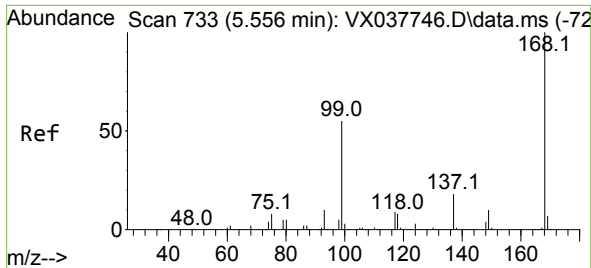
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	209671	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	358819	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128658	46.704	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.400%	
35) Dibromofluoromethane	5.391	113	111894	46.605	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.220%	
50) Toluene-d8	8.647	98	434481	48.705	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.400%	
62) 4-Bromofluorobenzene	11.079	95	160705	49.575	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.160%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	638	0.265	ug/l	# 43
6) Chloroethane	1.685	64	606	0.339	ug/l	# 67
16) Acetone	2.380	43	3141	2.370	ug/l	90
20) Methylene Chloride	2.794	84	800	0.301	ug/l	# 60
25) 2-Butanone	4.593	43	571	0.305	ug/l	# 51
31) Cyclohexane	5.550	56	4233	1.197	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	15856	4.794	ug/l	# 51
38) Carbon Tetrachloride	5.562	117	21037	6.079	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1902	0.516	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	83005	19.895	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	83005	63.731	ug/l	# 5

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

Quant Time: Sep 29 23:06:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

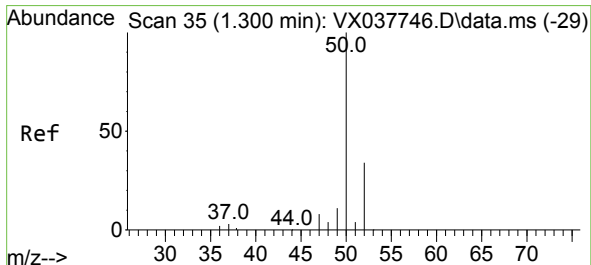
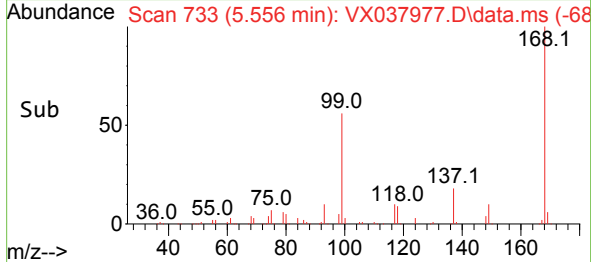
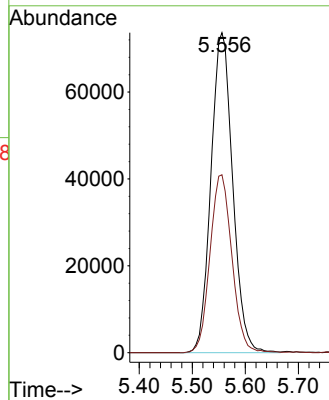
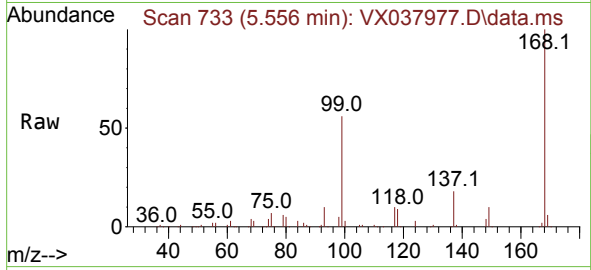




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

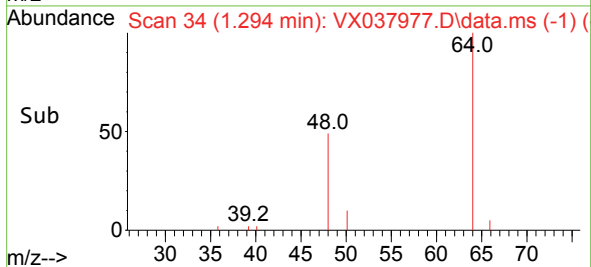
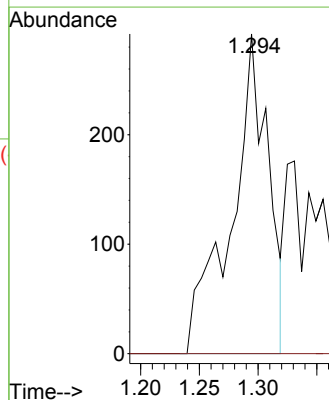
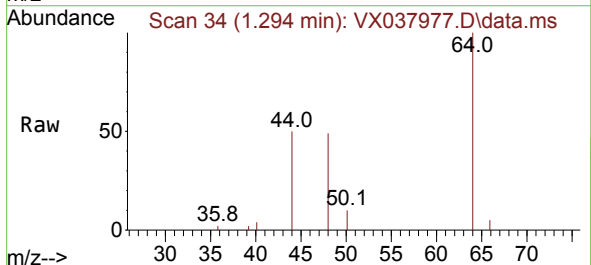
Instrument :
MSVOA_X
ClientSampleId :
MW-103I

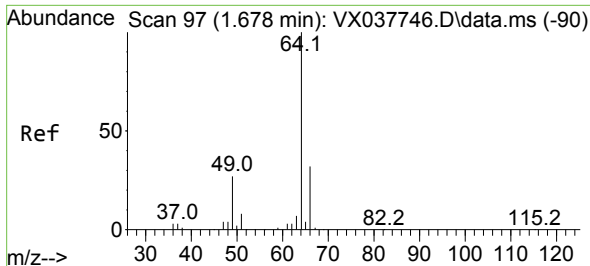
Tgt Ion:168 Resp: 209671
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#3
Chloromethane
Concen: 0.265 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

Tgt Ion: 50 Resp: 638
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

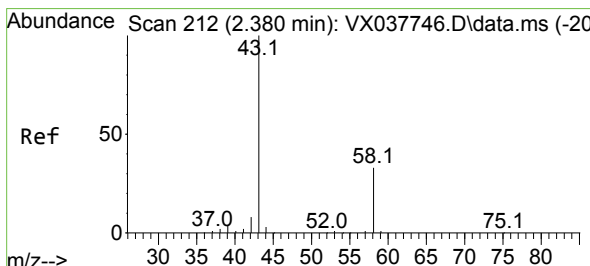
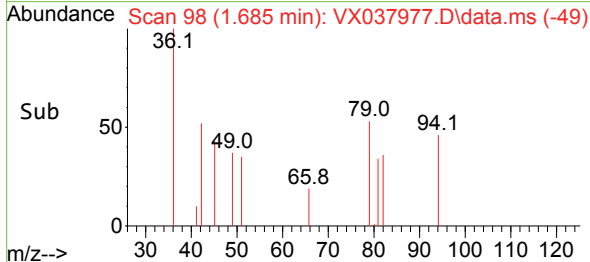
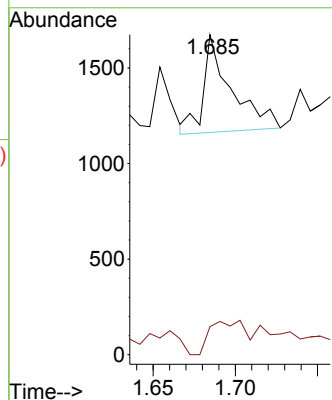
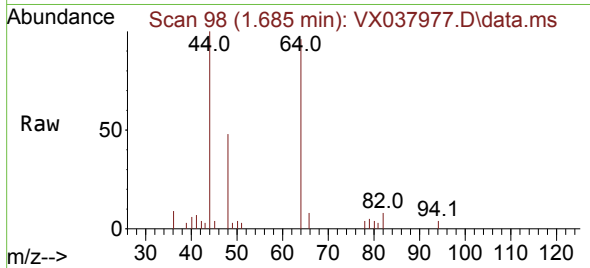




#6
Chloroethane
Concen: 0.339 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

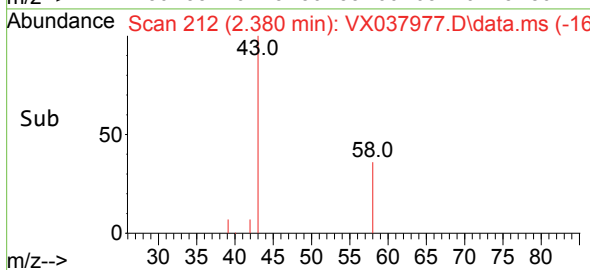
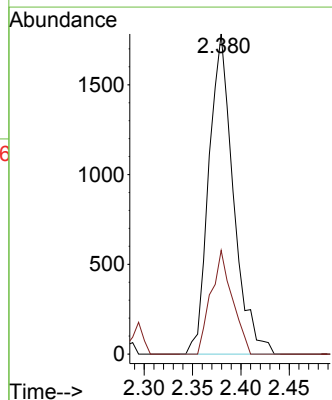
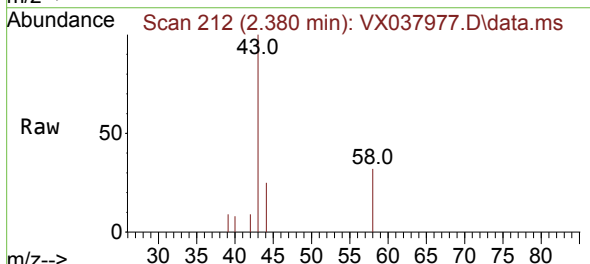
Instrument :
MSVOA_X
ClientSampleId :
MW-103I

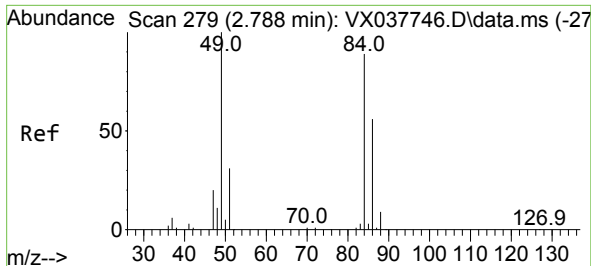
Tgt Ion: 64 Resp: 606
Ion Ratio Lower Upper
64 100
66 12.9 25.1 37.7#



#16
Acetone
Concen: 2.370 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

Tgt Ion: 43 Resp: 3141
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9

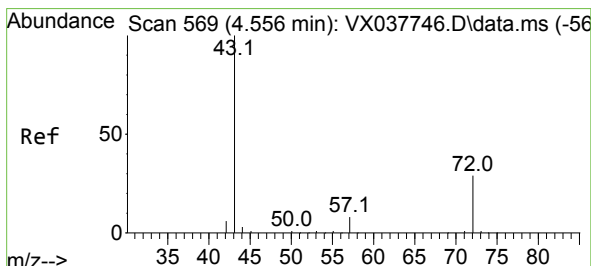
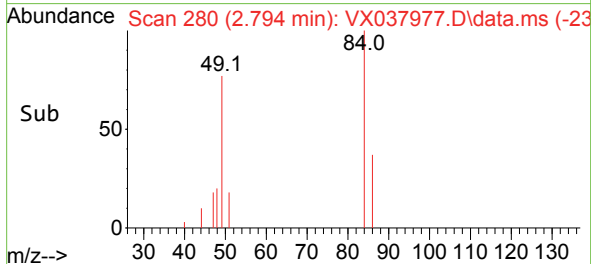
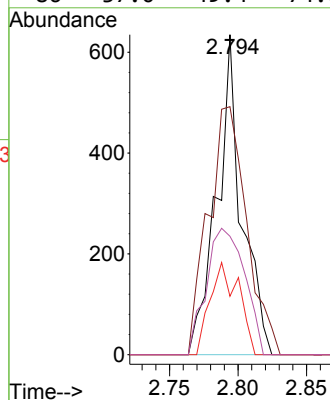
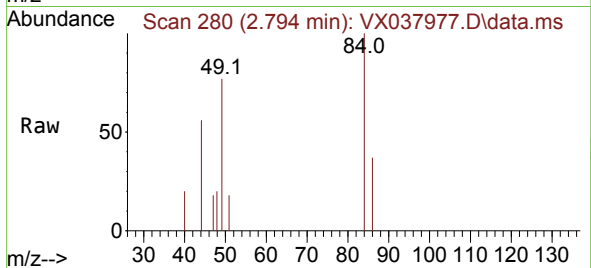




#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

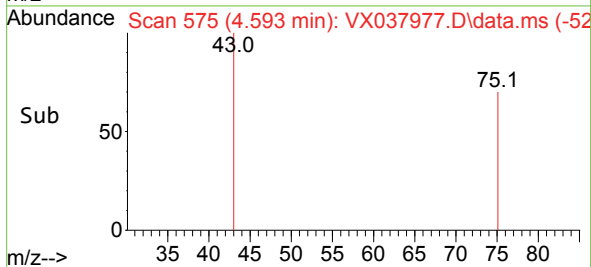
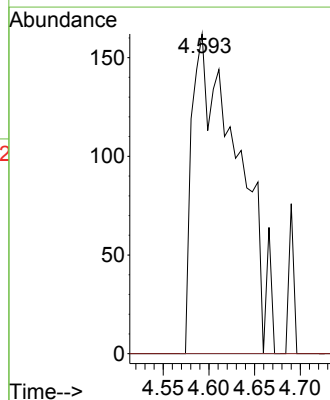
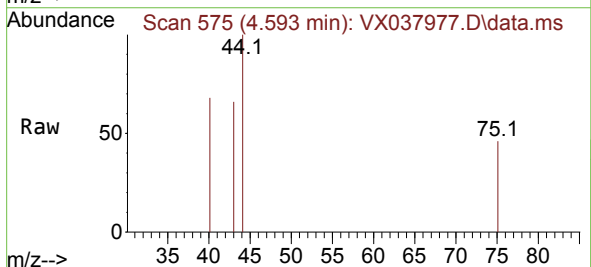
Instrument :
MSVOA_X
ClientSampleId :
MW-103I

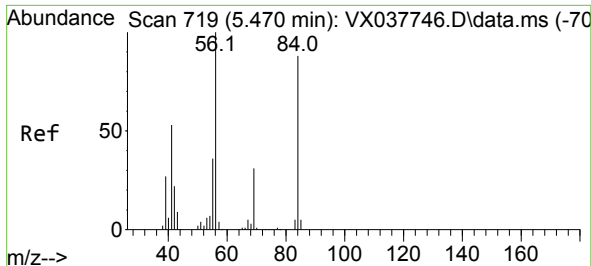
Tgt Ion:	84	Resp:	800
Ion	Ratio	Lower	Upper
84	100		
49	77.5	103.6	155.4#
51	18.3	33.8	50.6#
86	37.0	49.4	74.0#



#25
2-Butanone
Concen: 0.305 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

Tgt Ion:	43	Resp:	571
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

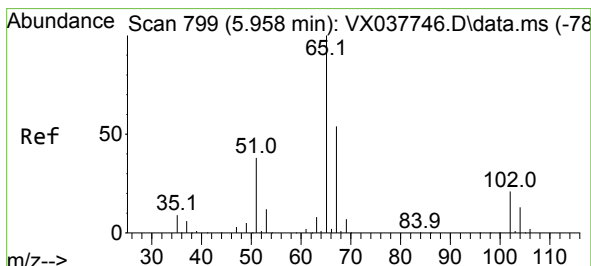
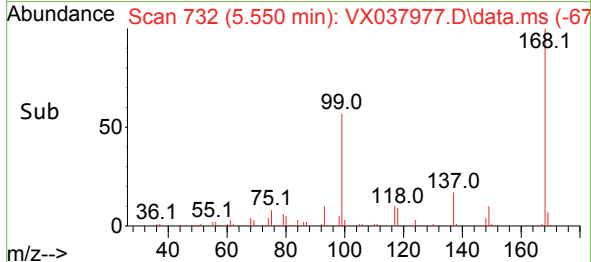
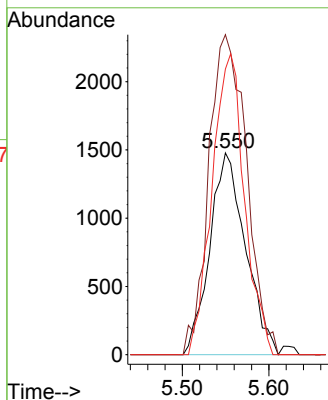
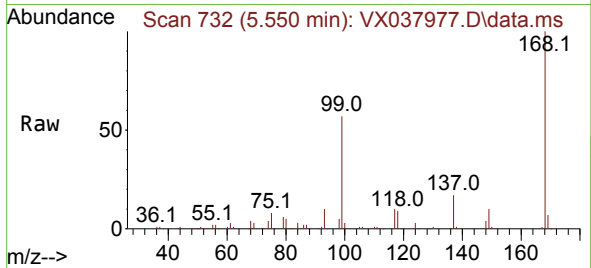




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

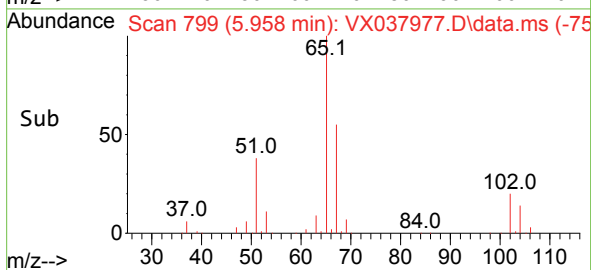
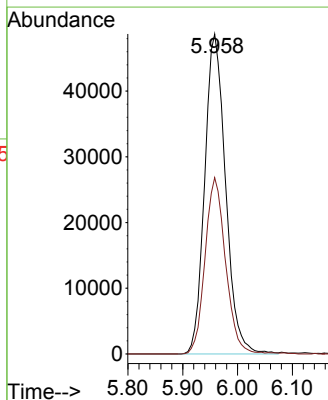
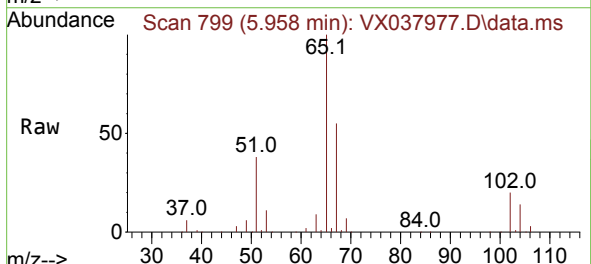
Instrument :
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ClientSampleId :
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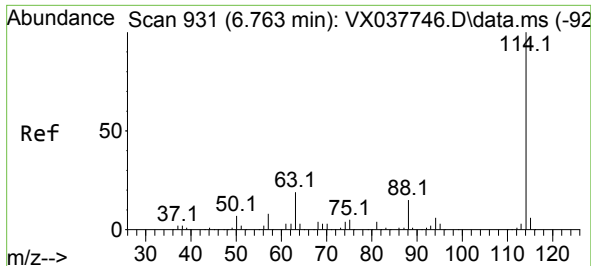
Tgt Ion: 56 Resp: 4233
Ion Ratio Lower Upper
56 100
69 158.6 23.4 35.2#
84 141.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.704 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

Tgt Ion: 65 Resp: 128658
Ion Ratio Lower Upper
65 100
67 54.2 0.0 100.2

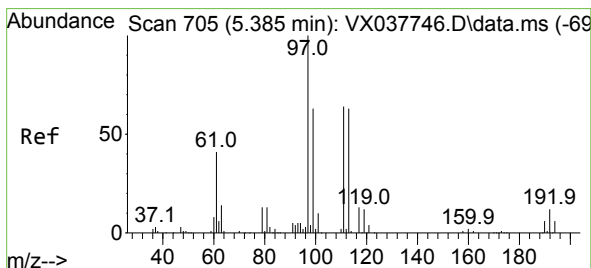
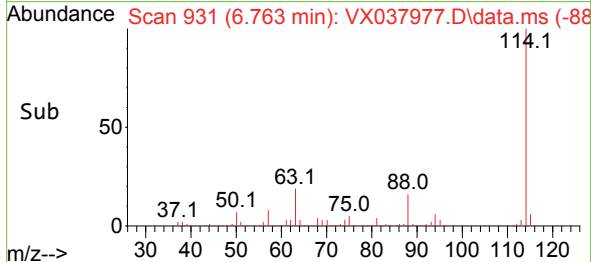
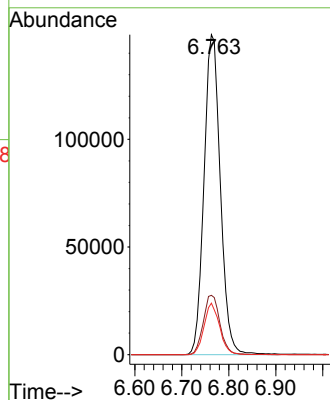
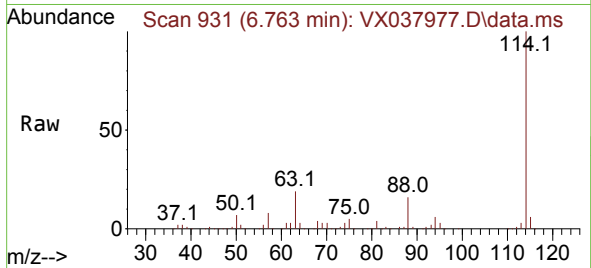




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

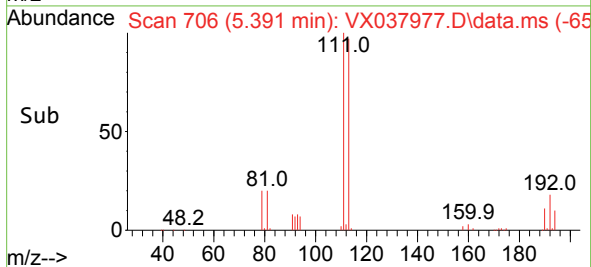
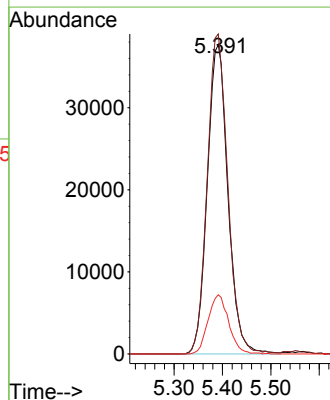
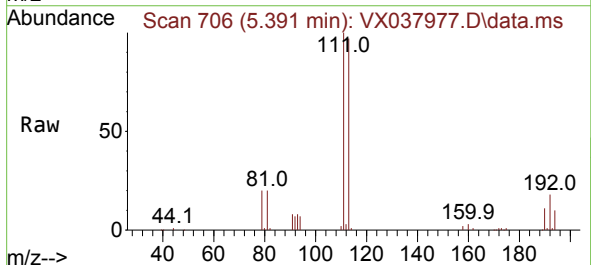
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MW-103I

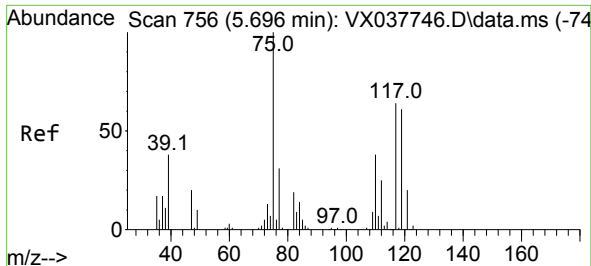
Tgt Ion:114 Resp: 358819
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.605 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

Tgt Ion:113 Resp: 111894
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.0 13.3 19.9

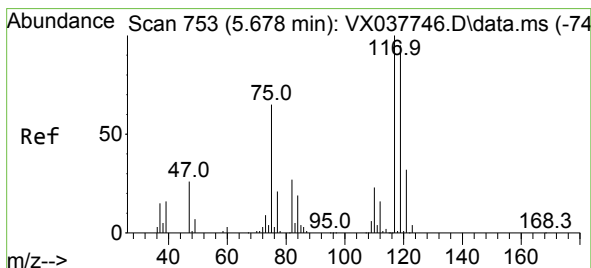
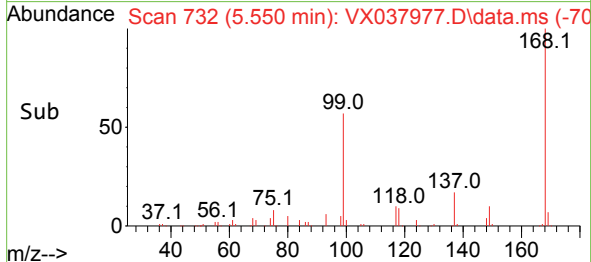
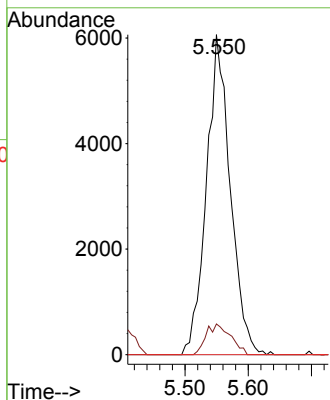
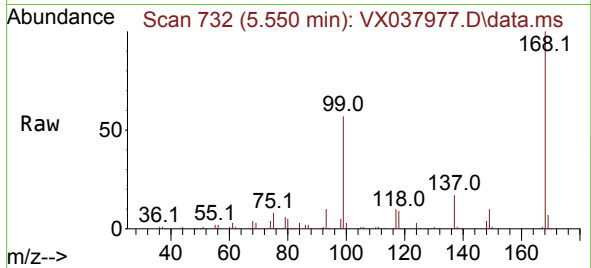




#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

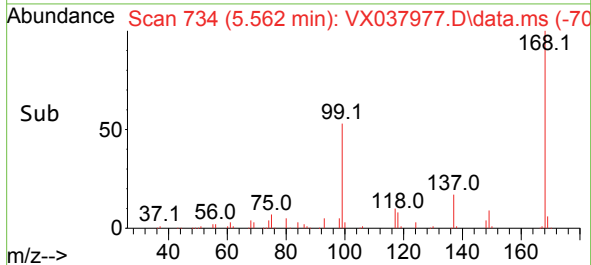
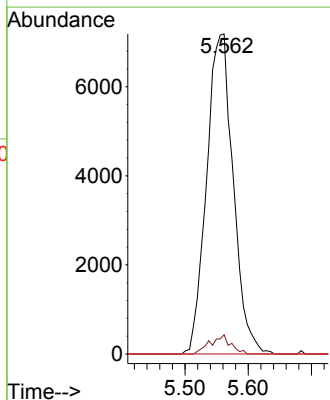
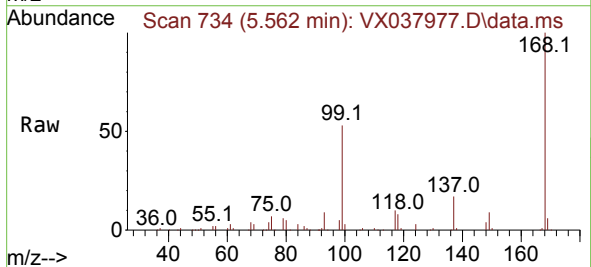
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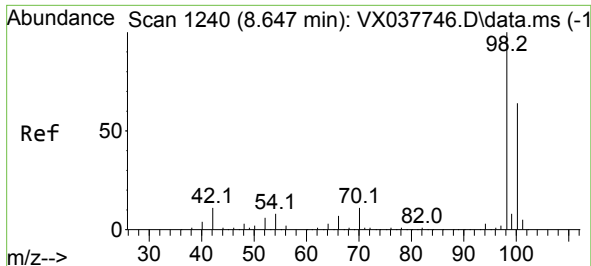
Tgt Ion: 75 Resp: 15856
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

Tgt Ion: 117 Resp: 21037
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

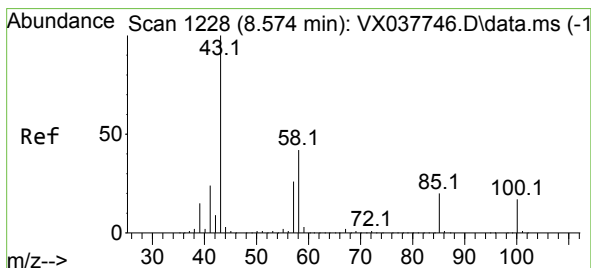
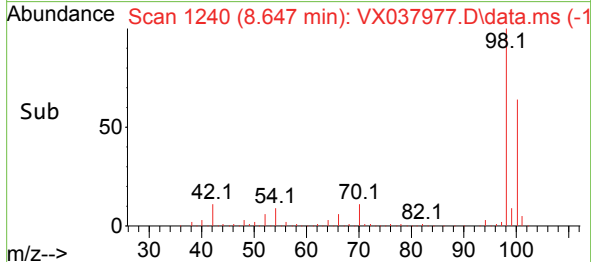
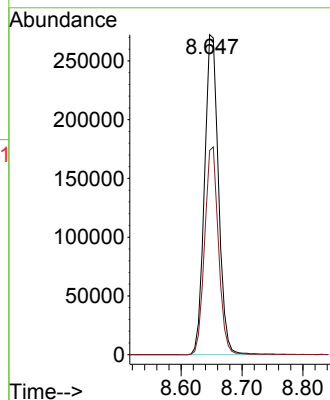
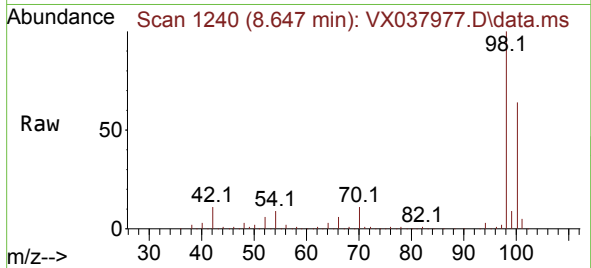




#50
Toluene-d8
Concen: 48.705 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

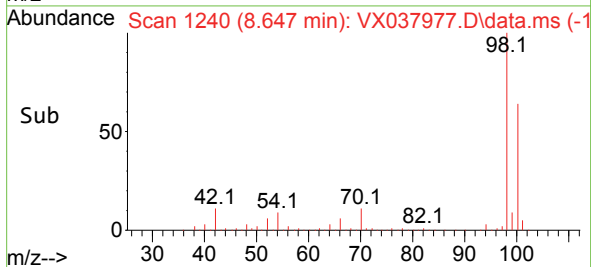
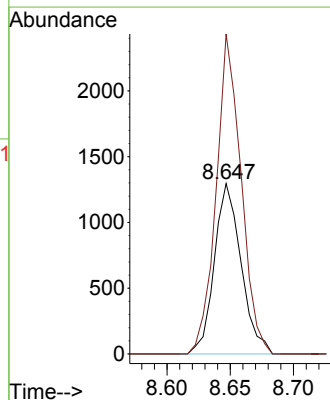
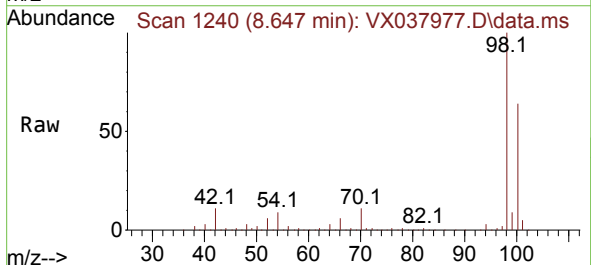
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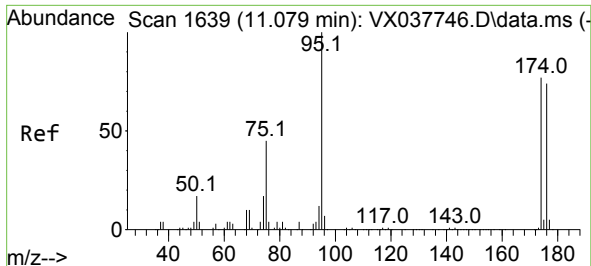
Tgt Ion: 98 Resp: 434481
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 175.3 30.4 45.6#

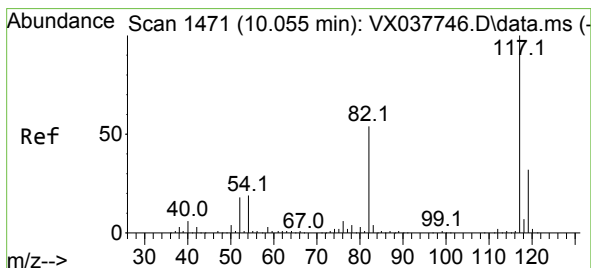
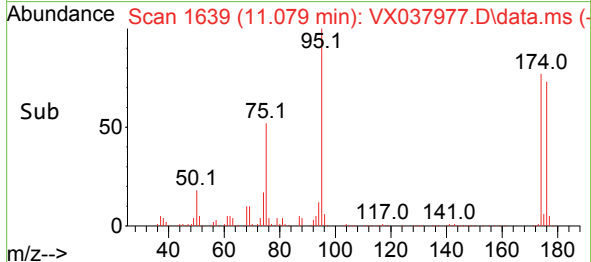
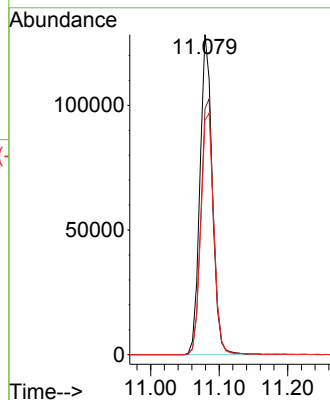
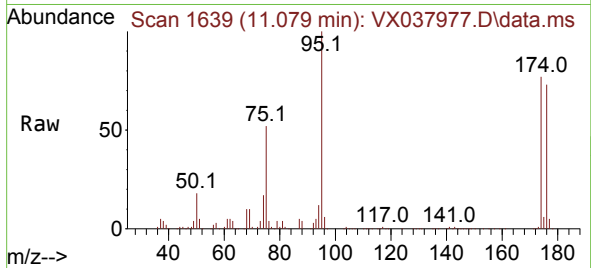




#62
4-Bromofluorobenzene
Concen: 49.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

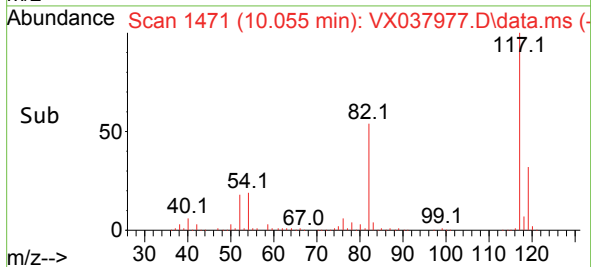
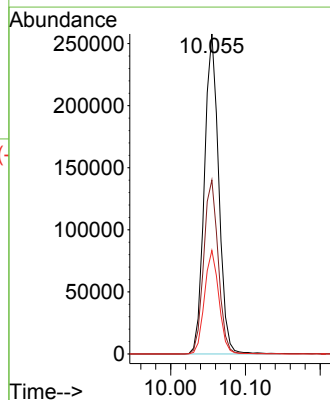
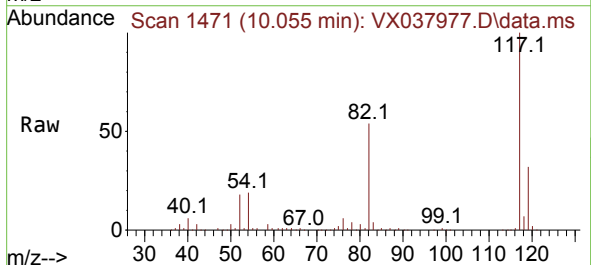
Instrument :
MSVOA_X
ClientSampleId :
MW-103I

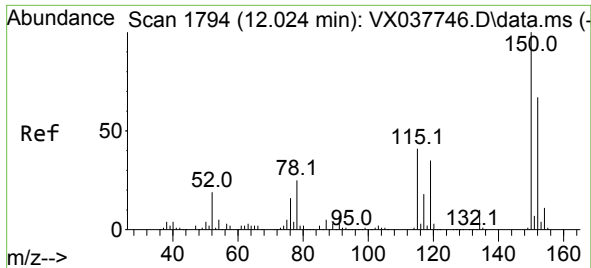
Tgt Ion: 95 Resp: 160705
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 79.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037977.D
Acq: 29 Sep 2023 15:46

Tgt Ion: 117 Resp: 343271
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.3 25.5 38.3

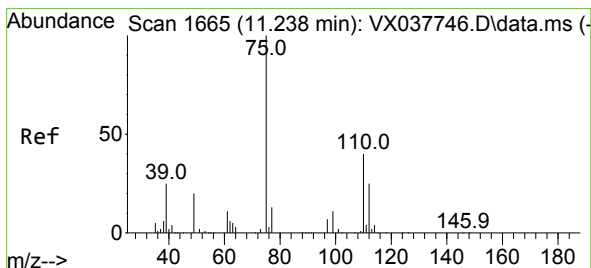
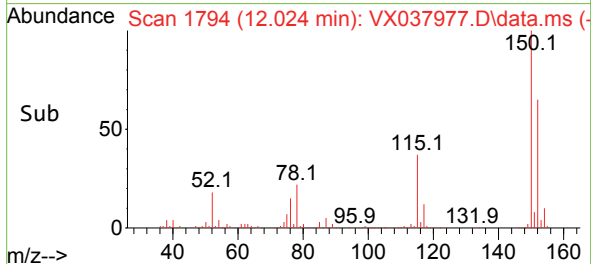
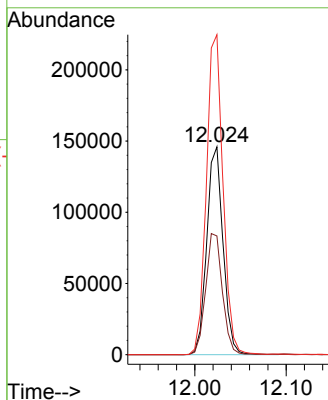
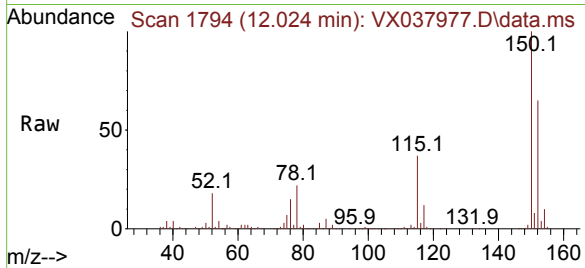




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037977.D
 Acq: 29 Sep 2023 15:46

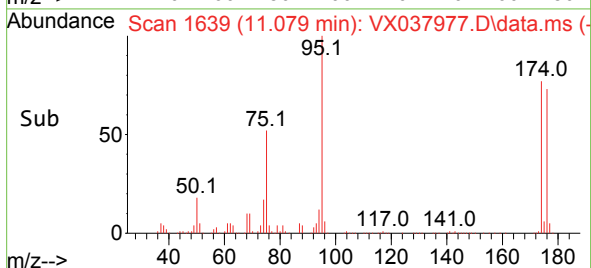
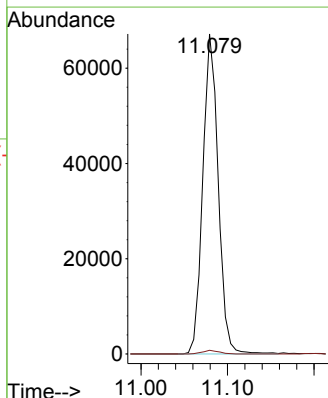
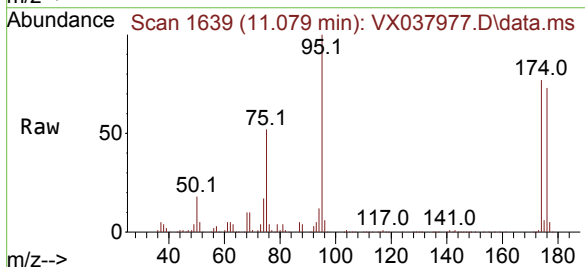
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103I

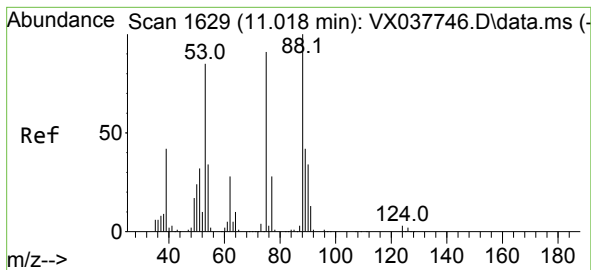
Tgt Ion:152 Resp: 180386
 Ion Ratio Lower Upper
 152 100
 115 59.9 43.3 129.9
 150 156.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.895 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037977.D
 Acq: 29 Sep 2023 15:46

Tgt Ion: 75 Resp: 83005
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.731 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037977.D
 Acq: 29 Sep 2023 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103I

Tgt Ion: 75 Resp: 83005
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

