

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037731.D
 Acq On : 14 Sep 2023 16:14
 Operator : JC/MD
 Sample : 04408-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 01:34:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

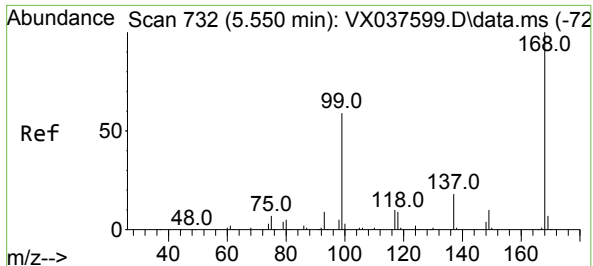
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	257103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167033	40.155	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	80.300%	
35) Dibromofluoromethane	5.385	113	137485	44.766	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	89.540%	
50) Toluene-d8	8.647	98	522544	45.114	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	90.220%#	
62) 4-Bromofluorobenzene	11.079	95	179928	43.058	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	31	Below Cal	#	78
13) Acrolein	2.239	56	153	0.225	ug/l #	14
16) Acetone	2.386	43	1225	0.728	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	2748	0.263	ug/l	97
20) Methylene Chloride	2.788	84	1162	Below Cal	#	76
31) Cyclohexane	5.550	56	5705	1.191	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19586	4.688	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26051	6.104	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	91446	24.676	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	91446	75.008	ug/l #	5

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

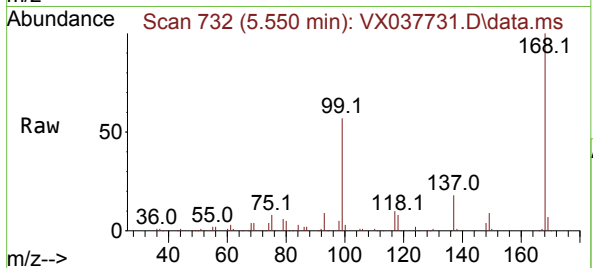
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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



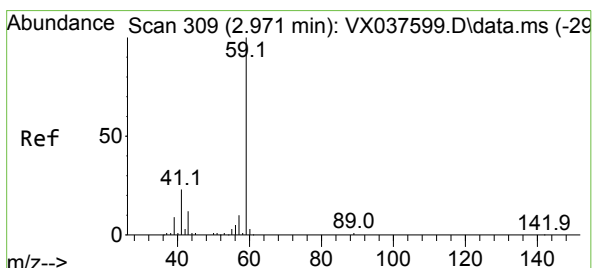
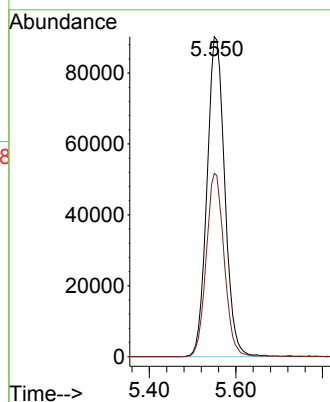
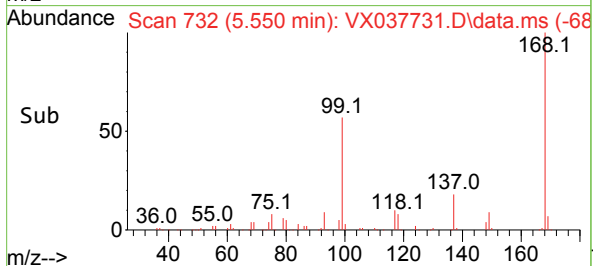


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :

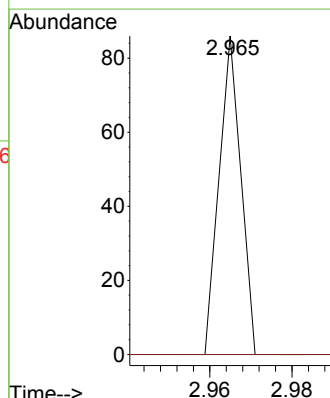
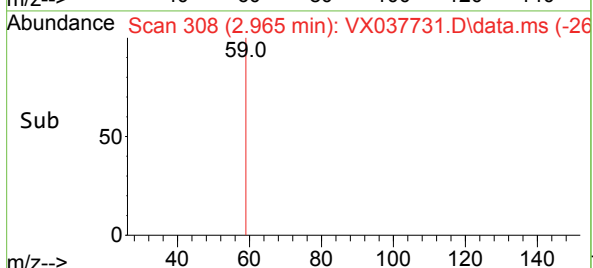
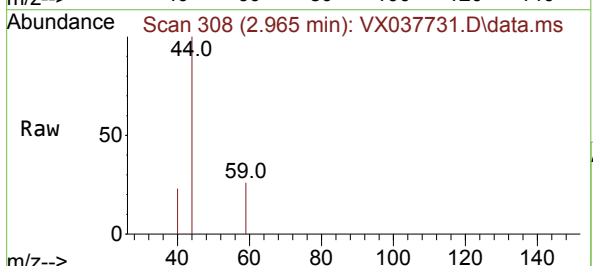


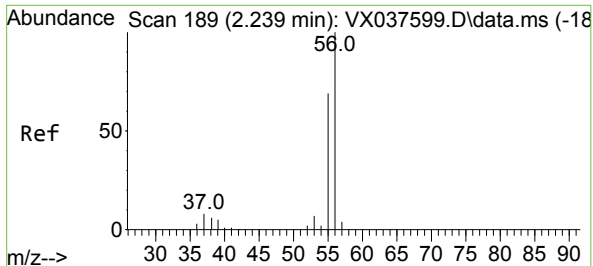
Tgt Ion:168 Resp: 257103
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Tgt Ion: 59 Resp: 31
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

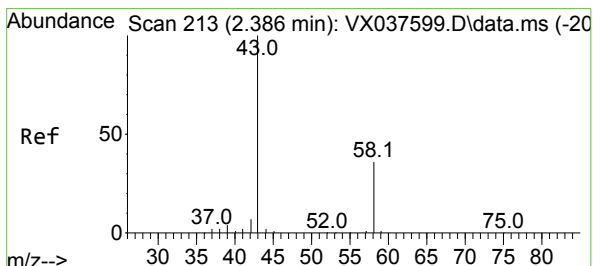
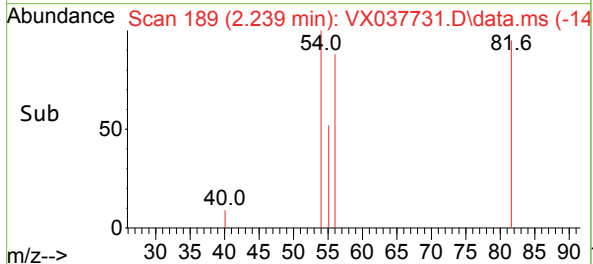
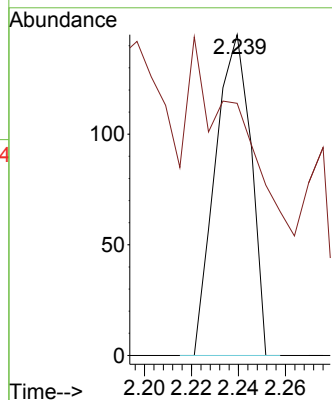
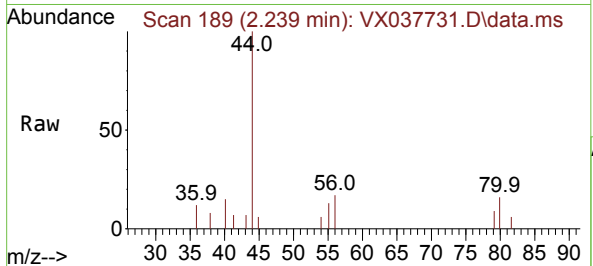




#13
Acrolein
Concen: 0.225 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

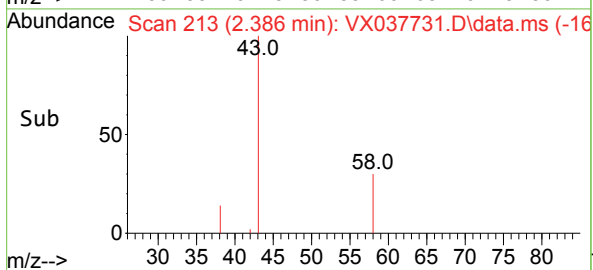
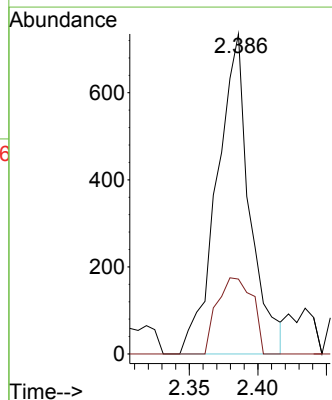
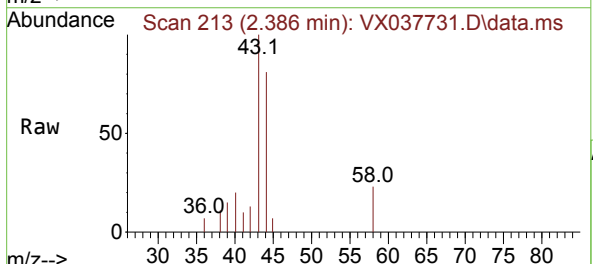
Instrument :
MSVOA_X
ClientSampleId :

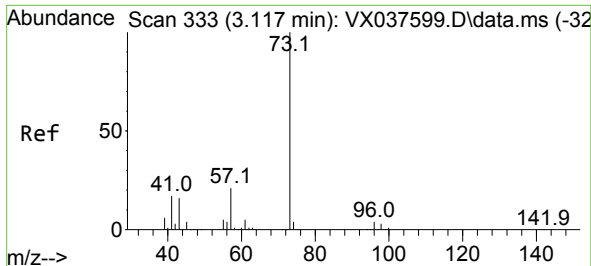
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.728 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 23.4 21.9 32.9

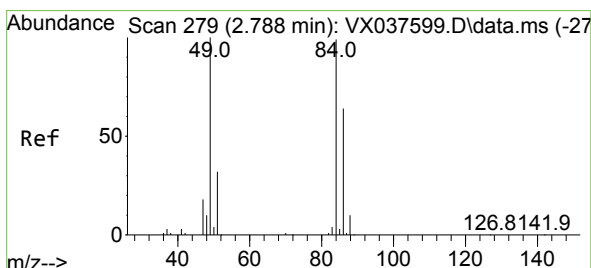
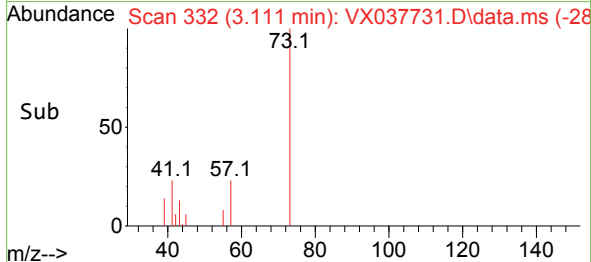
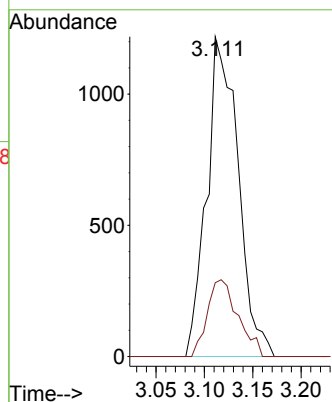
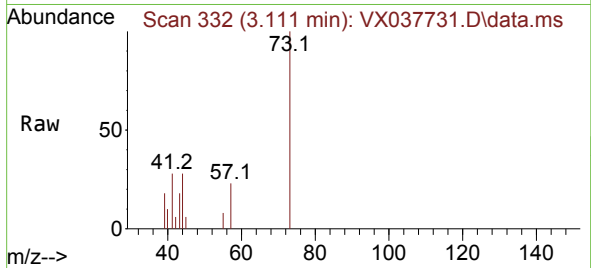




#19
Methyl tert-butyl Ether
Concen: 0.263 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

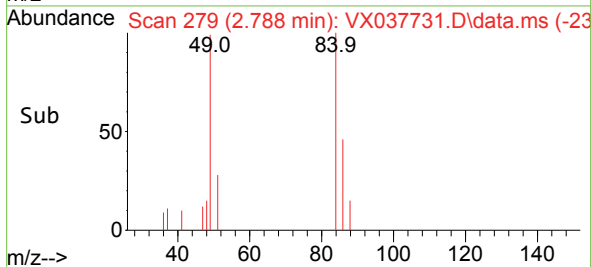
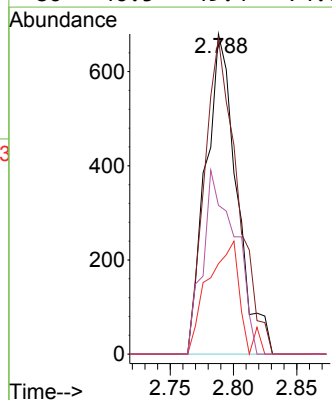
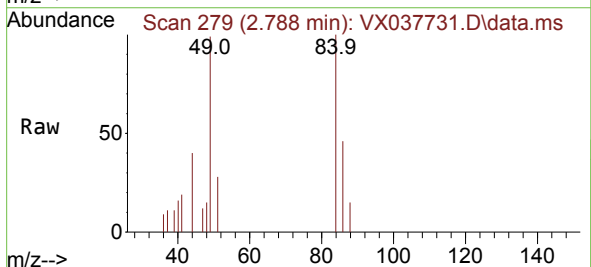
Instrument :
MSVOA_X
ClientSampleId :

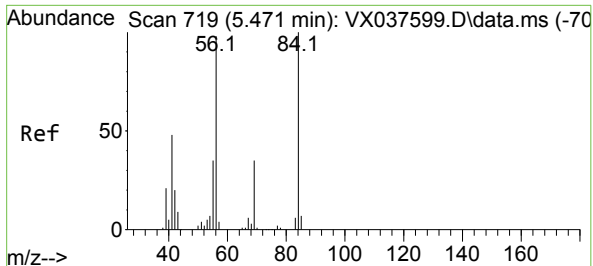
Tgt Ion: 73 Resp: 2748
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

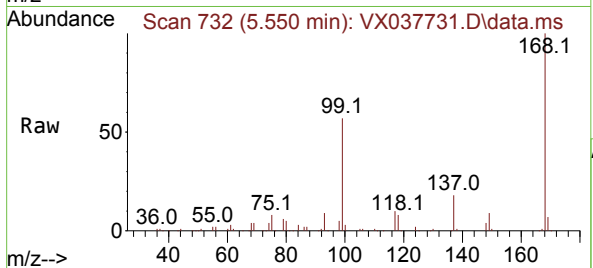
Tgt Ion: 84 Resp: 1162
Ion Ratio Lower Upper
84 100
49 98.7 103.6 155.4#
51 28.2 33.8 50.6#
86 46.5 49.4 74.0#



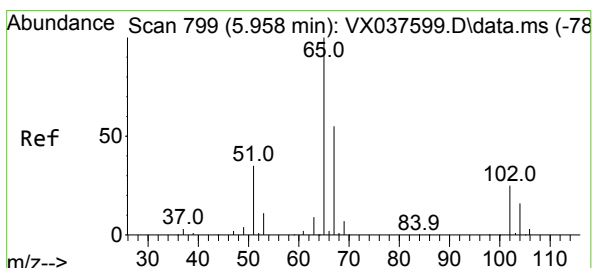
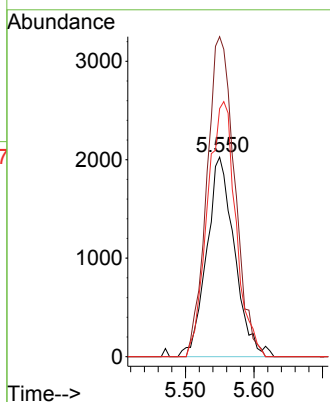
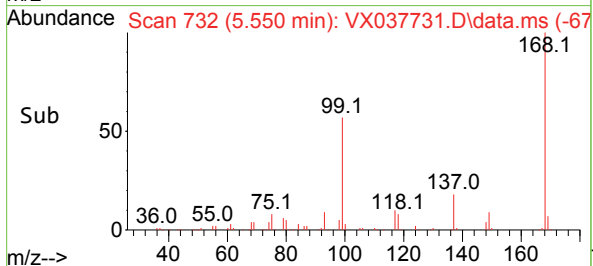


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :

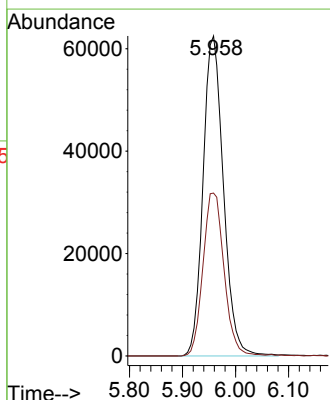
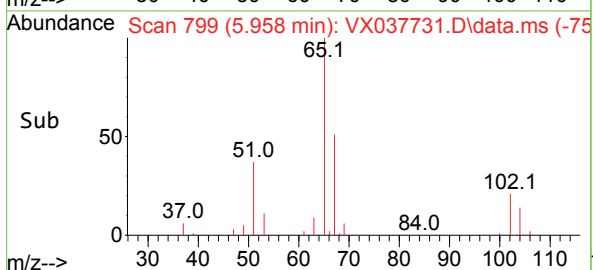
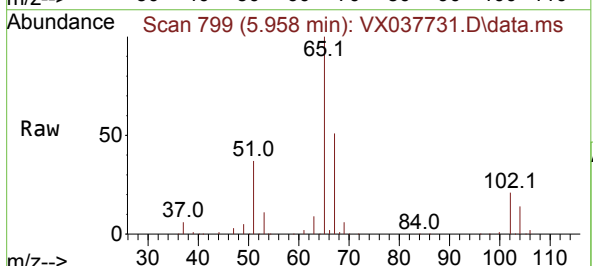


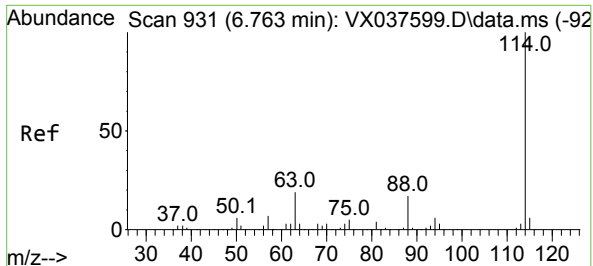
Tgt Ion: 56 Resp: 5705
Ion Ratio Lower Upper
56 100
69 160.4 23.4 35.2#
84 124.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.155 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Tgt Ion: 65 Resp: 167033
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

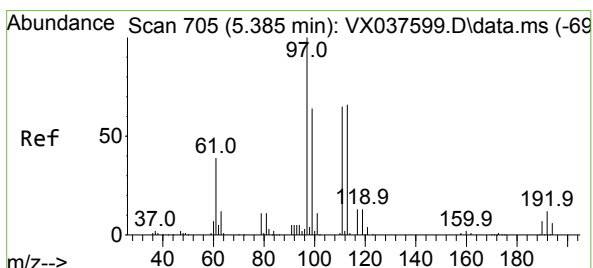
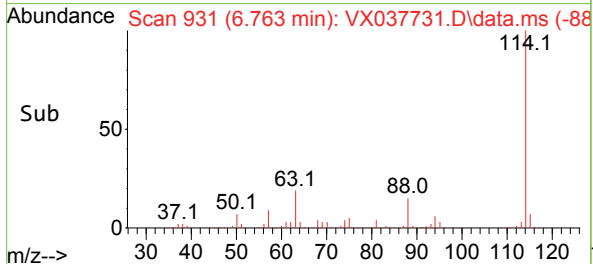
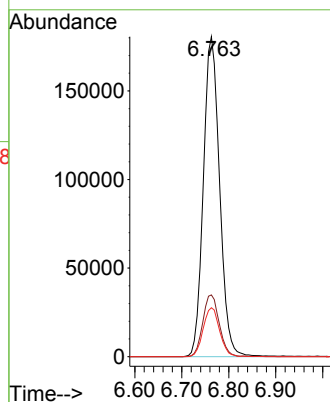
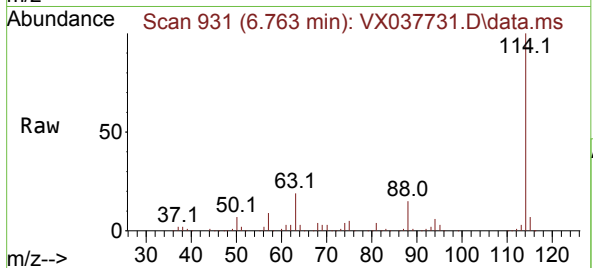




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

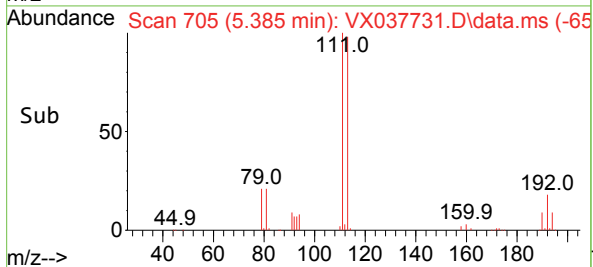
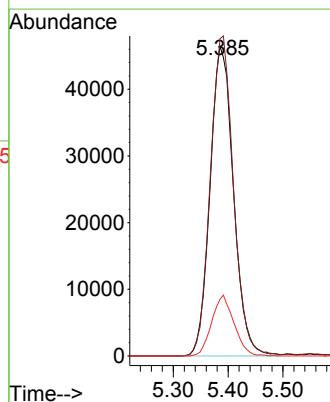
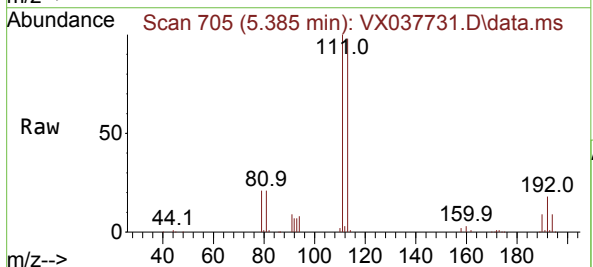
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MSVOA_X
ClientSampleId :

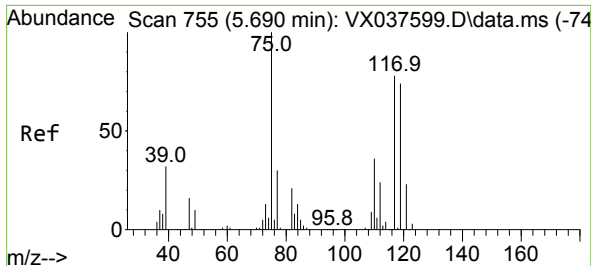
Tgt Ion:114 Resp: 433289
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.766 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Tgt Ion:113 Resp: 137485
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.7 13.3 19.9

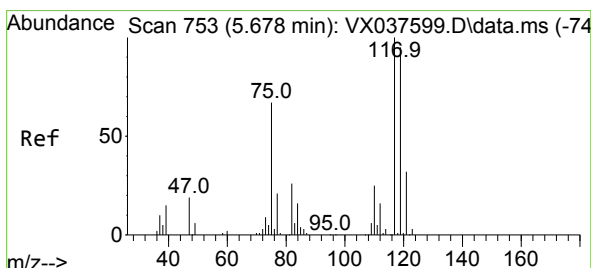
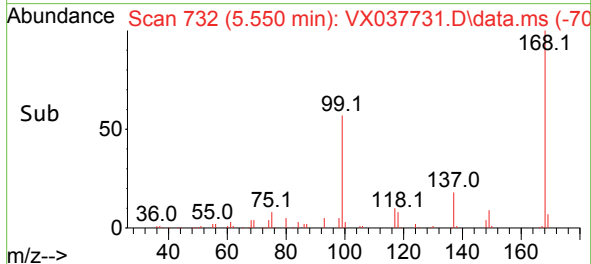
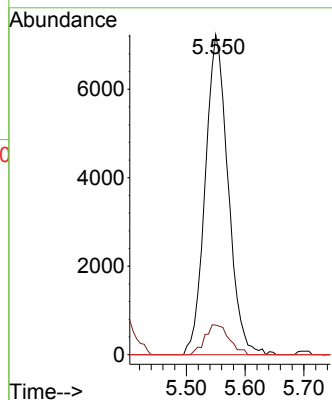
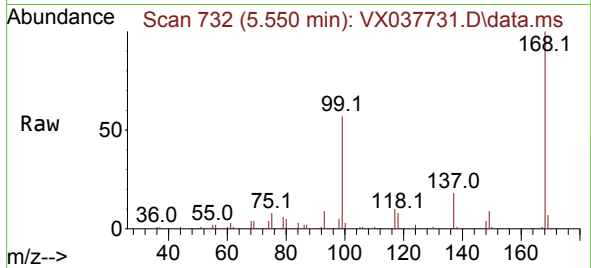




#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

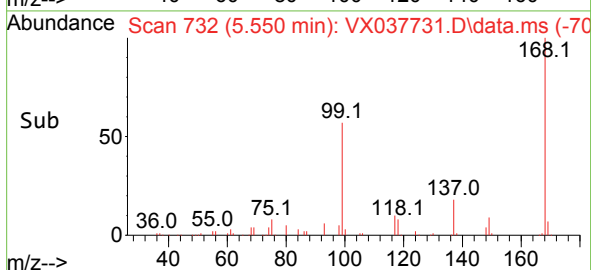
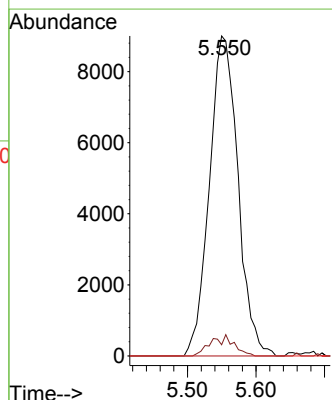
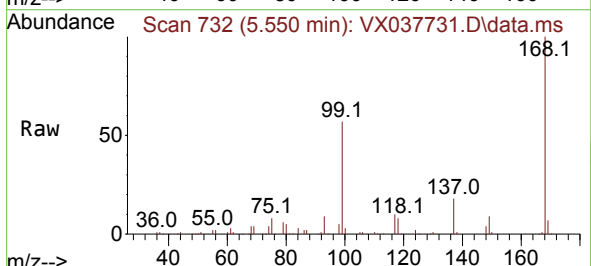
Instrument :
MSVOA_X
ClientSampleId :

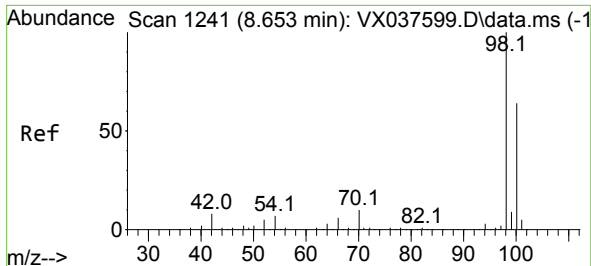
Tgt Ion: 75 Resp: 19586
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Tgt Ion: 117 Resp: 26051
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#

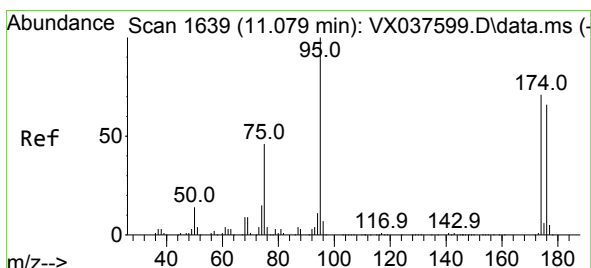
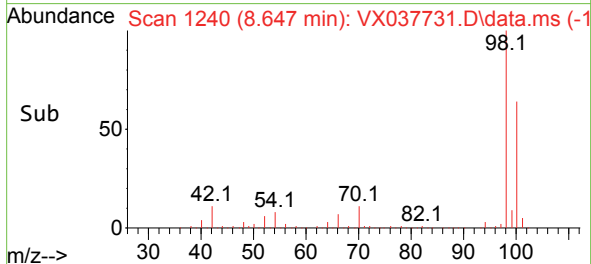
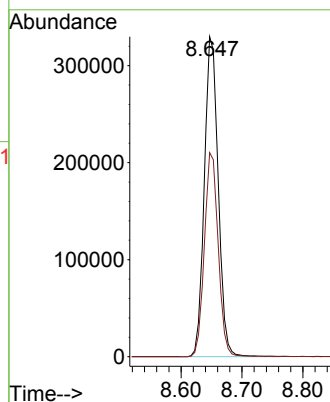
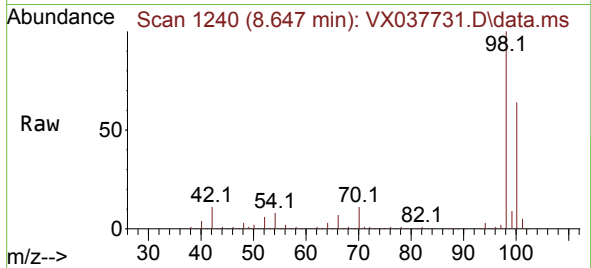




#50
Toluene-d8
Concen: 45.114 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

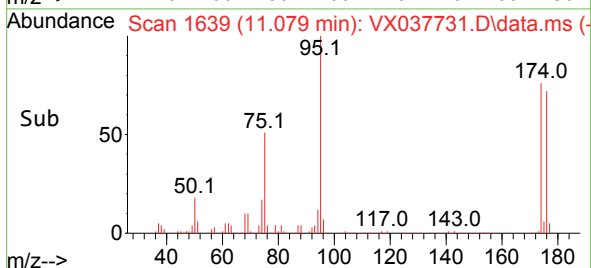
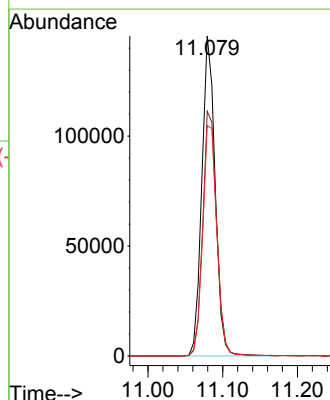
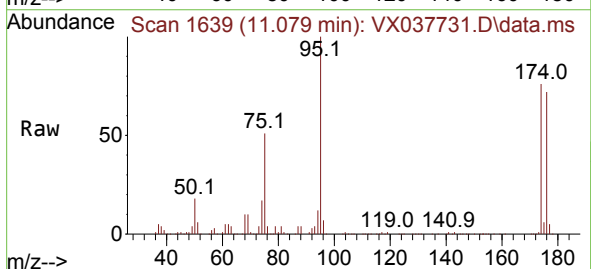
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MSVOA_X
ClientSampleId :

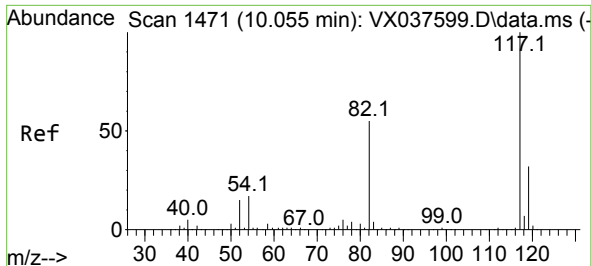
Tgt Ion: 98 Resp: 522544
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

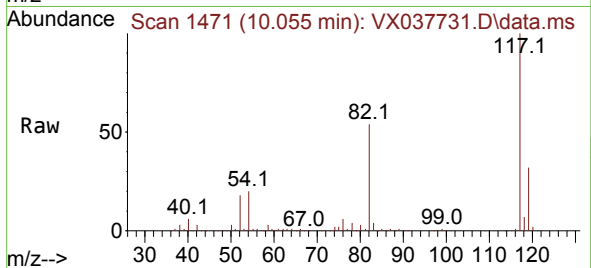
Tgt Ion: 95 Resp: 179928
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 76.6 0.0 131.0



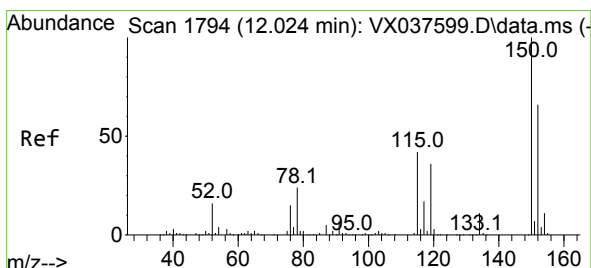
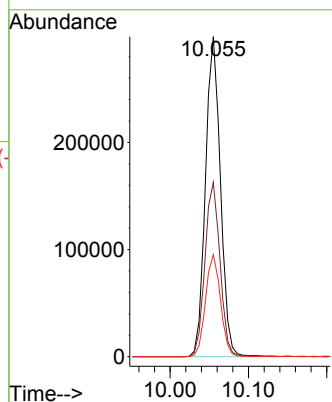
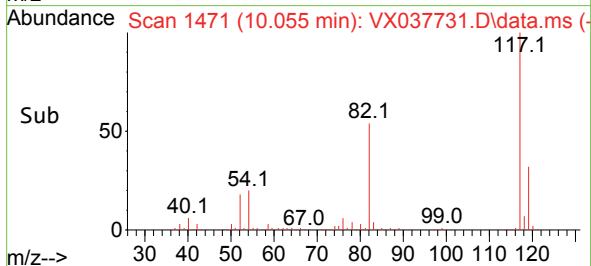


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

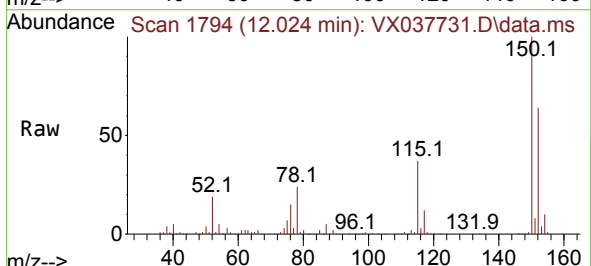
Instrument :
MSVOA_X
ClientSampleId :



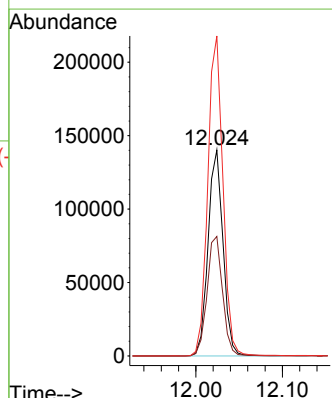
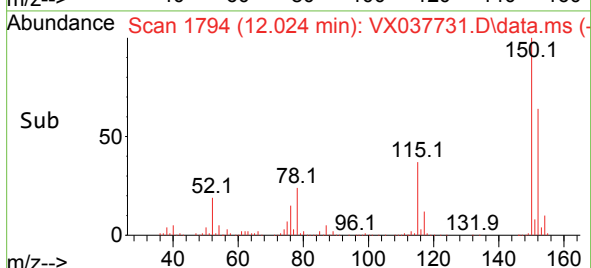
Tgt Ion:117 Resp: 395583
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 31.9 25.5 38.3

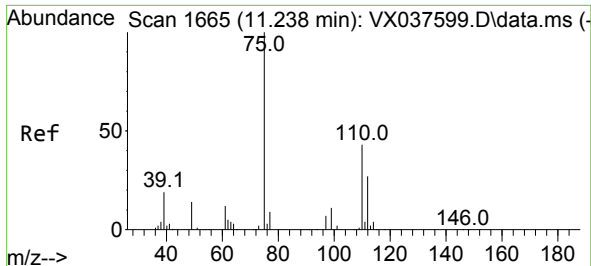


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14



Tgt Ion:152 Resp: 168567
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 157.2 0.0 345.0

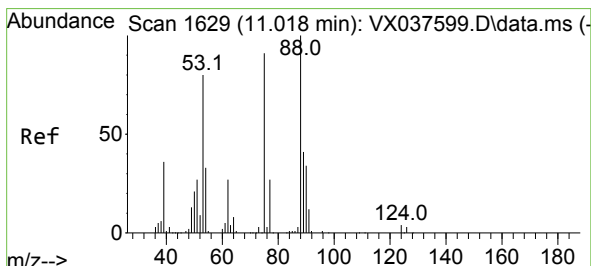
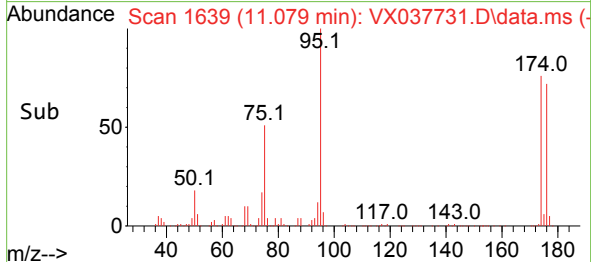
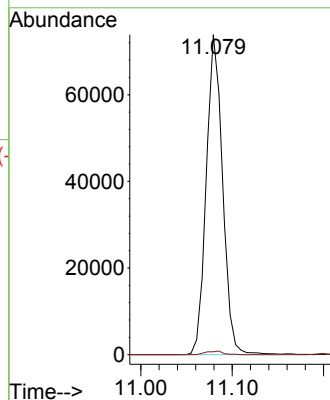
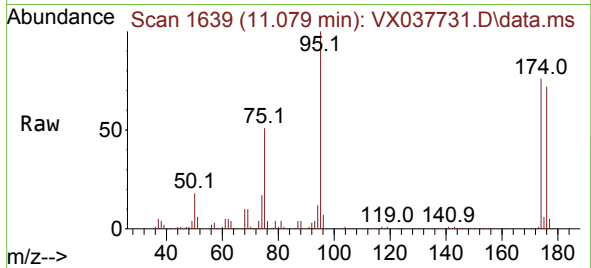




#76
1,2,3-Trichloropropane
Concen: 24.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 91446
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037731.D
Acq: 14 Sep 2023 16:14

Tgt Ion: 75 Resp: 91446
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

