

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037296.D
 Acq On : 28 Aug 2023 15:47
 Operator : JC/MD
 Sample : 04126-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 29 00:59:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89325	43.236	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.480%
35) Dibromofluoromethane	5.385	113	72810	46.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	274656	48.000	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.000%
62) 4-Bromofluorobenzene	11.079	95	100092	44.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.020%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	853	1.055	ug/l #	89
31) Cyclohexane	5.550	56	2836	1.221	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11131	4.967	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15292	6.281	ug/l #	15
44) Trichloroethene	7.129	130	491	0.269	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	1055	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50292	26.050	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50292	72.759	ug/l #	5

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

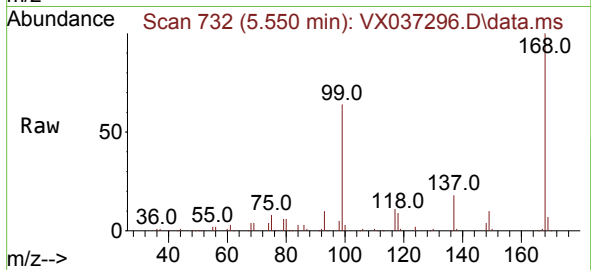
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



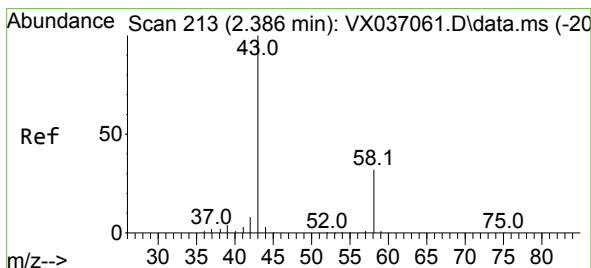
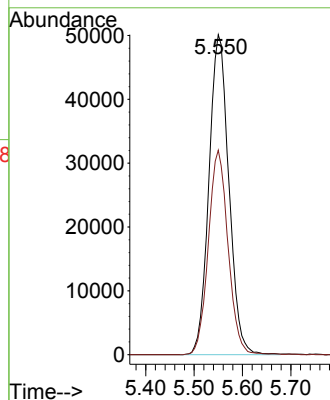
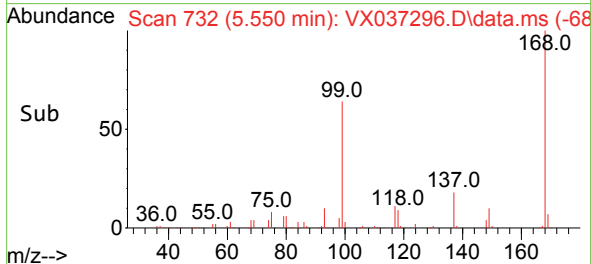


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :

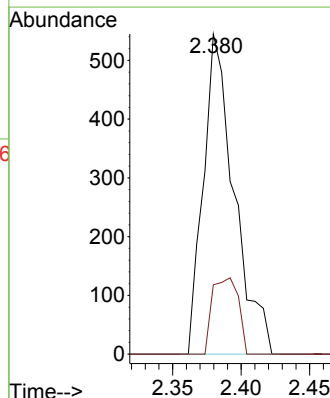
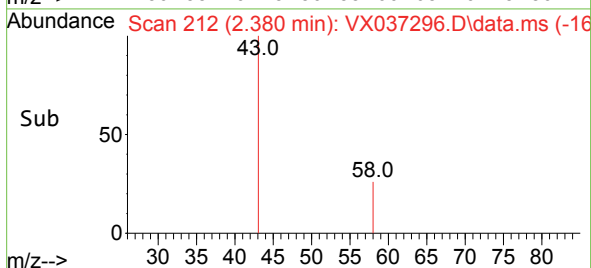
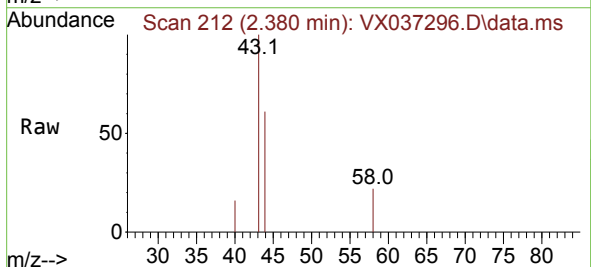


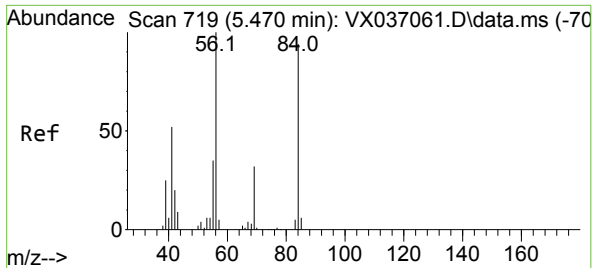
Tgt Ion:168 Resp: 143303
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#16
Acetone
Concen: 1.055 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

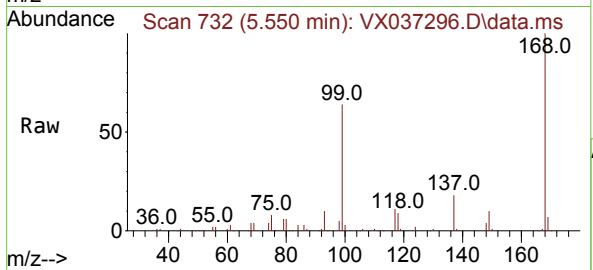
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 21.7 21.9 32.9#



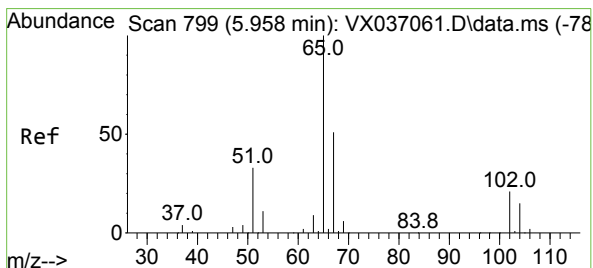
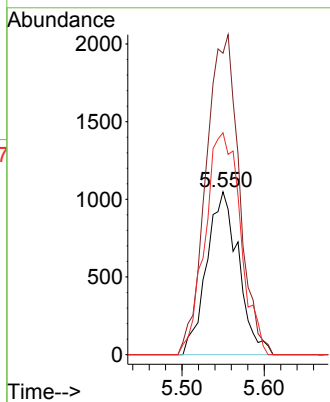
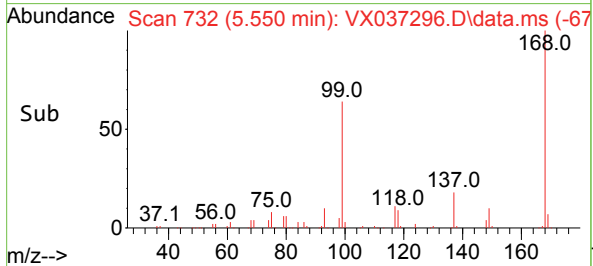


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :

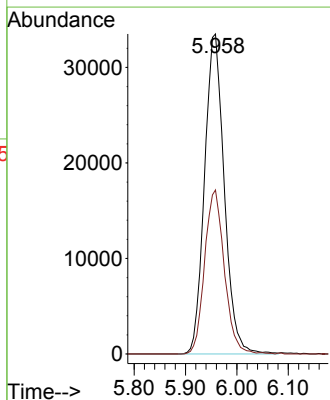
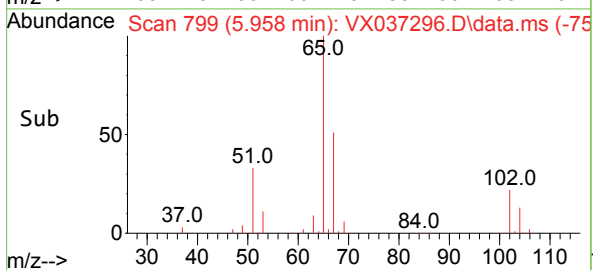
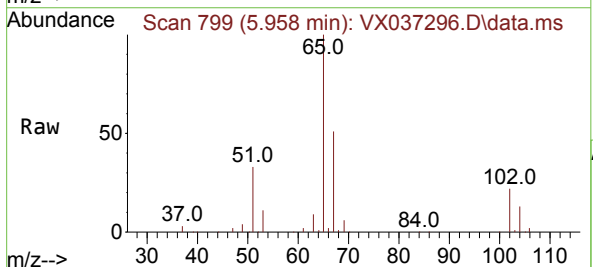


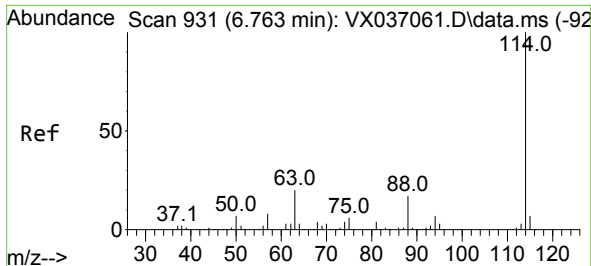
Tgt Ion: 56 Resp: 2836
Ion Ratio Lower Upper
56 100
69 185.2 23.4 35.2#
84 136.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.236 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

Tgt Ion: 65 Resp: 89325
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

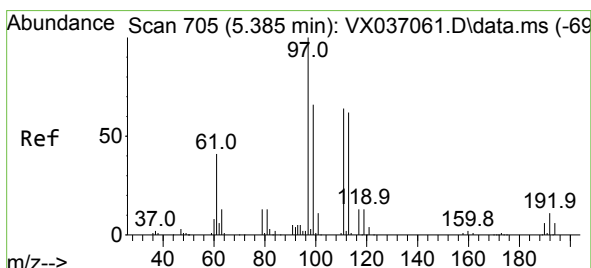
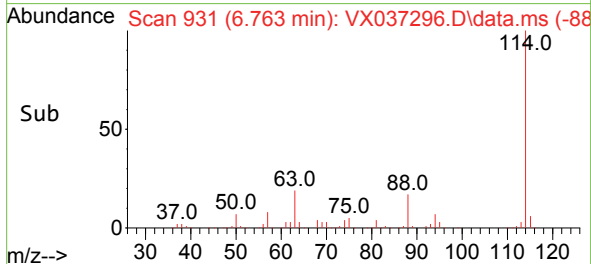
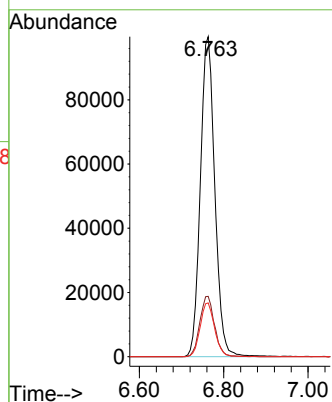
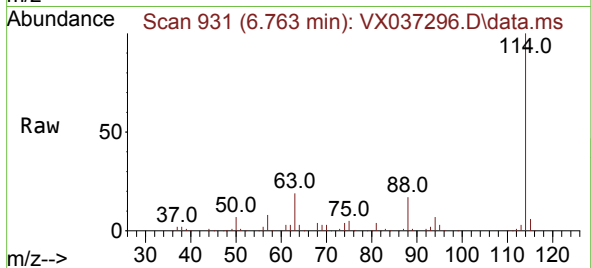




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

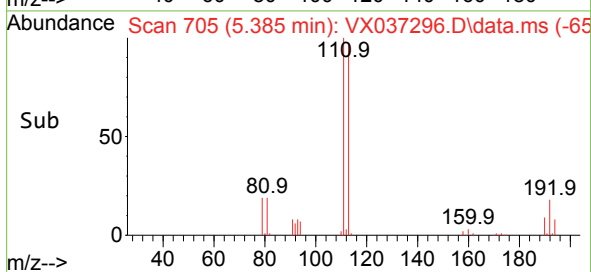
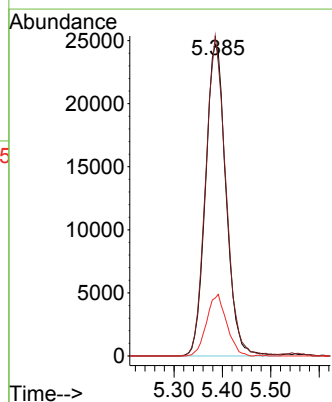
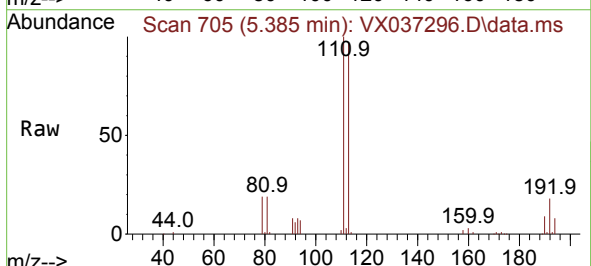
Instrument :
MSVOA_X
ClientSampleId :

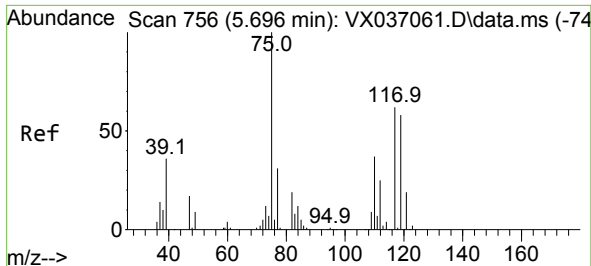
Tgt Ion:114 Resp: 238185
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.157 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

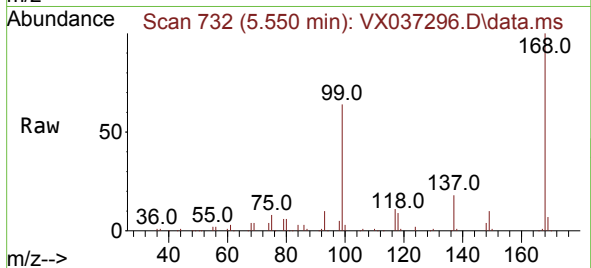
Tgt Ion:113 Resp: 72810
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 19.3 13.3 19.9



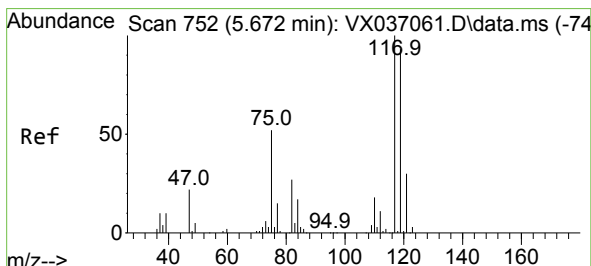
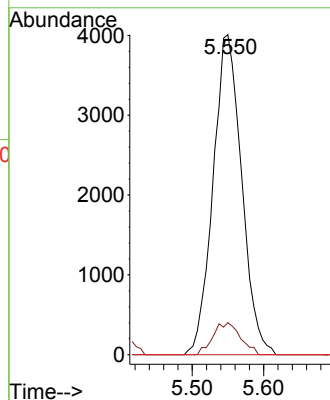
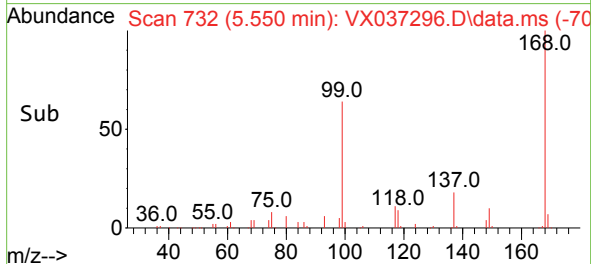


#36
 1,1-Dichloropropene
 Concen: 4.967 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX037296.D
 Acq: 28 Aug 2023 15:47

Instrument :
 MSVOA_X
 ClientSampleId :

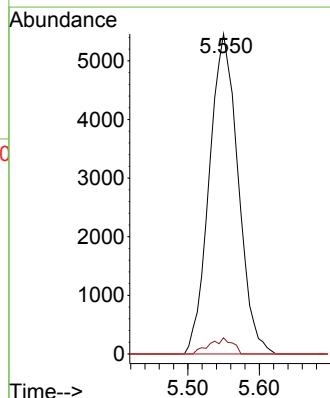
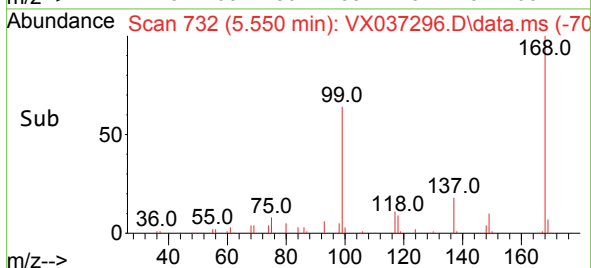
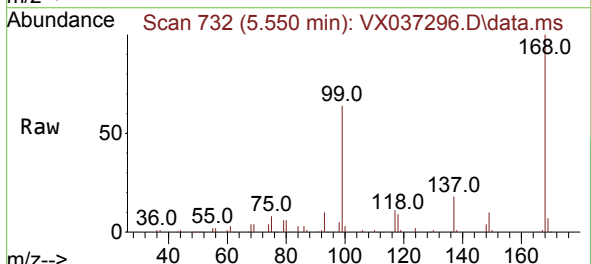


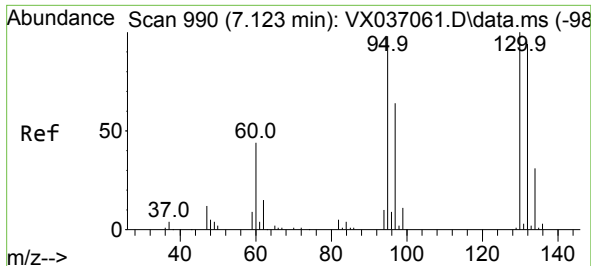
Tgt Ion: 75 Resp: 11131
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.281 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX037296.D
 Acq: 28 Aug 2023 15:47

Tgt Ion: 117 Resp: 15292
 Ion Ratio Lower Upper
 117 100
 119 5.1 78.2 117.2#
 121 0.0 24.4 36.6#

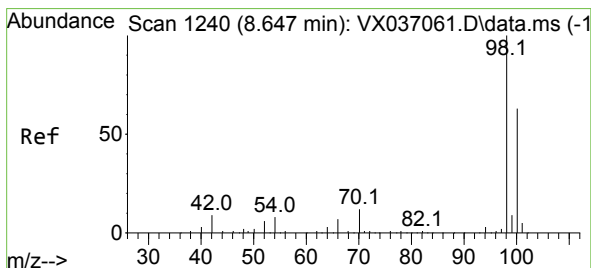
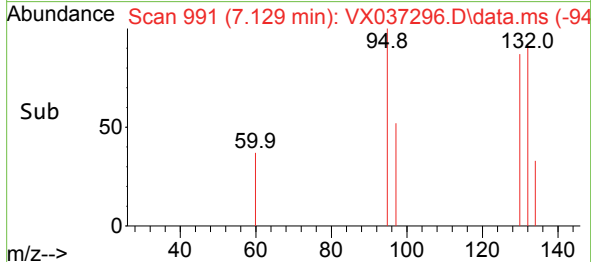
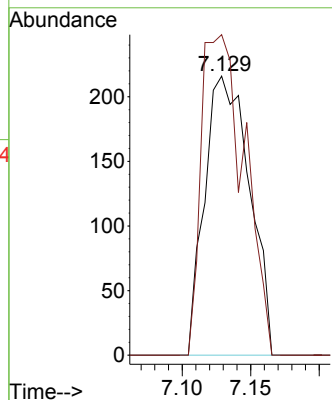
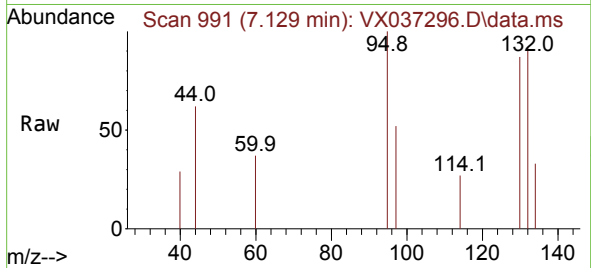




#44
Trichloroethene
Concen: 0.269 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

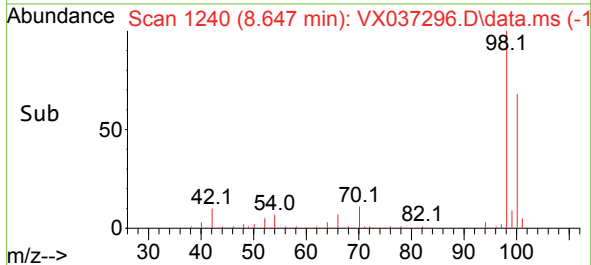
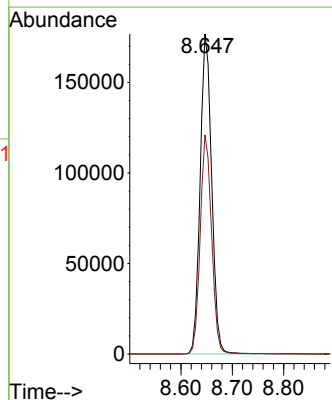
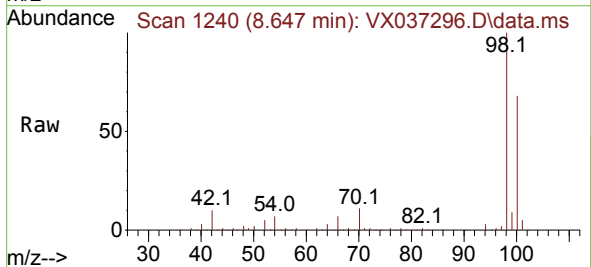
Instrument :
MSVOA_X
ClientSampleId :

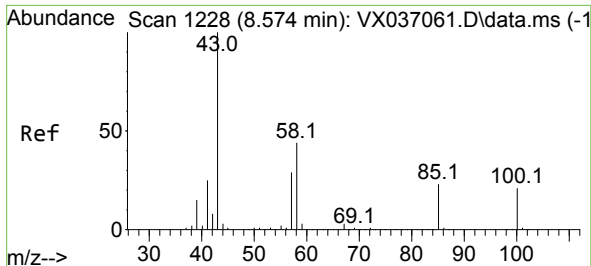
Tgt Ion:130 Resp: 491
Ion Ratio Lower Upper
130 100
95 114.8 0.0 204.4



#50
Toluene-d8
Concen: 48.000 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

Tgt Ion: 98 Resp: 274656
Ion Ratio Lower Upper
98 100
100 67.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.478 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037296.D

Acq: 28 Aug 2023 15:47

Instrument :

MSVOA_X

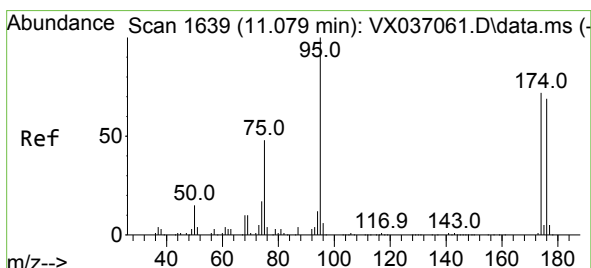
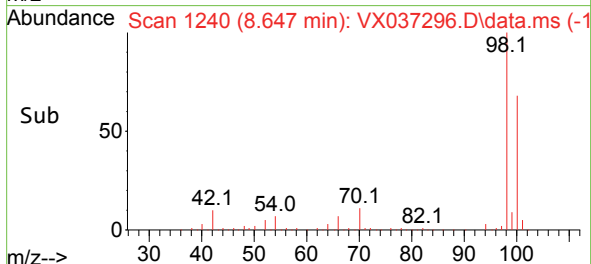
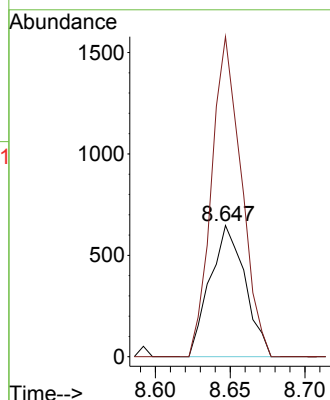
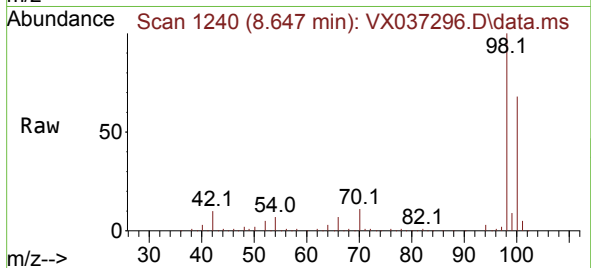
ClientSampleId :

Tgt Ion: 43 Resp: 1055

Ion Ratio Lower Upper

43 100

58 207.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 44.512 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037296.D

Acq: 28 Aug 2023 15:47

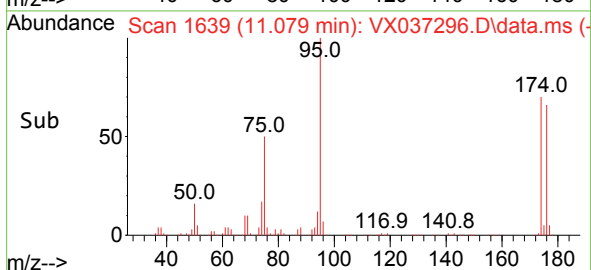
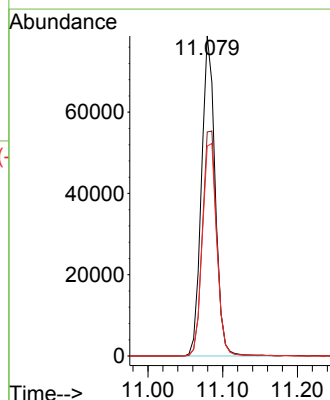
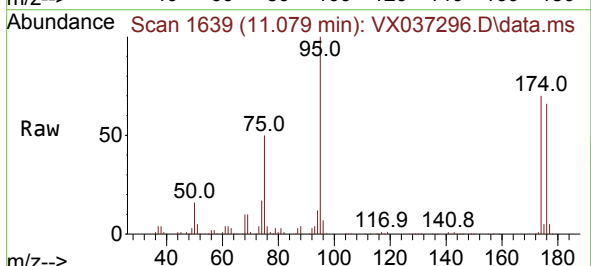
Tgt Ion: 95 Resp: 100092

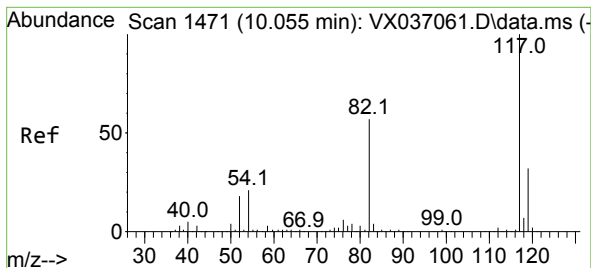
Ion Ratio Lower Upper

95 100

174 73.8 0.0 135.6

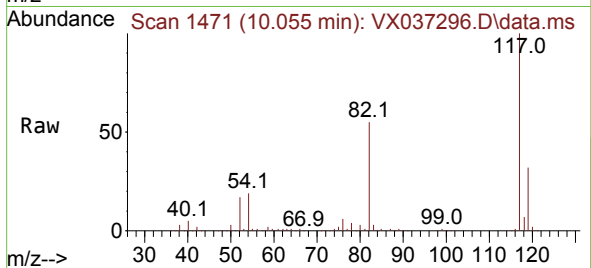
176 70.5 0.0 131.0



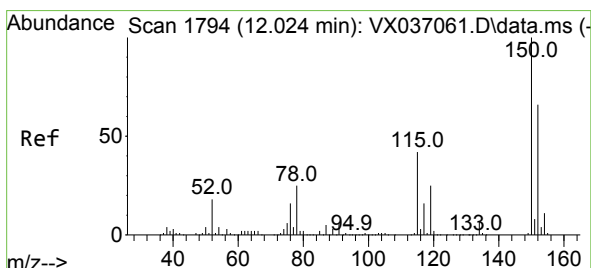
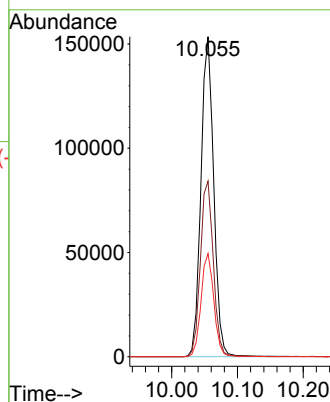
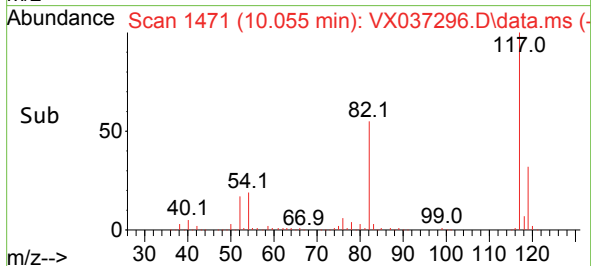


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :

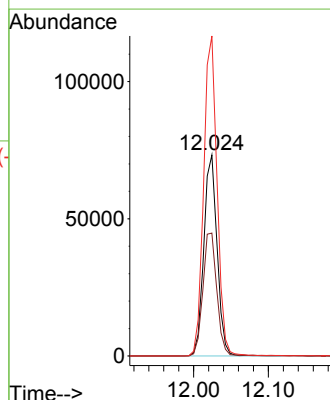
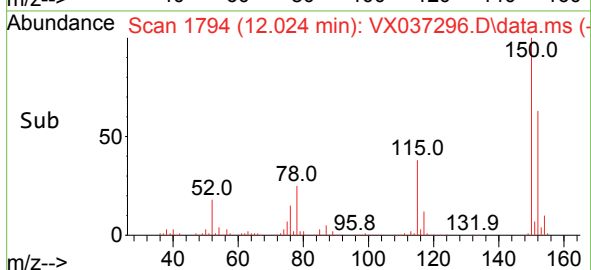
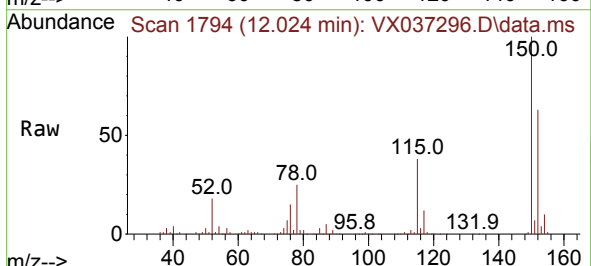


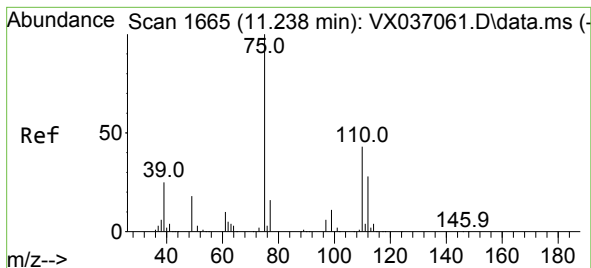
Tgt Ion:117 Resp: 207236
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037296.D
Acq: 28 Aug 2023 15:47

Tgt Ion:152 Resp: 90652
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 160.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.050 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037296.D

Acq: 28 Aug 2023 15:47

Instrument :

MSVOA_X

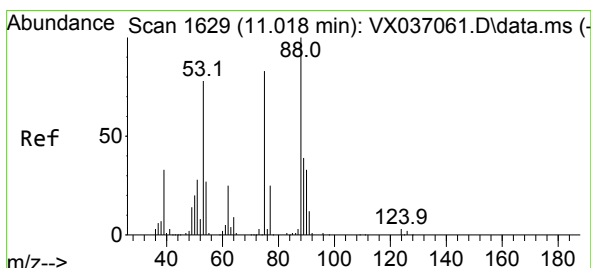
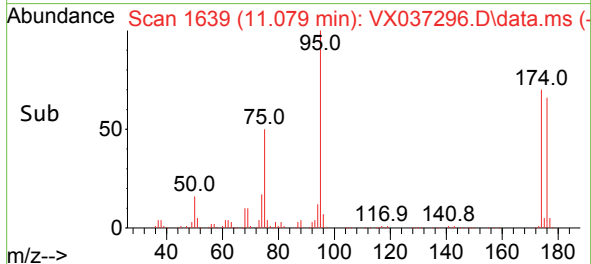
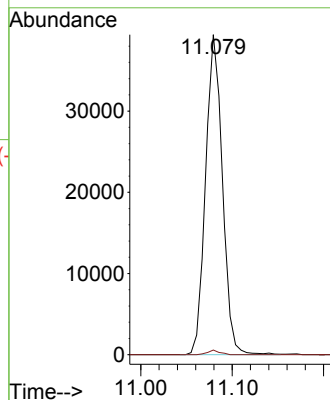
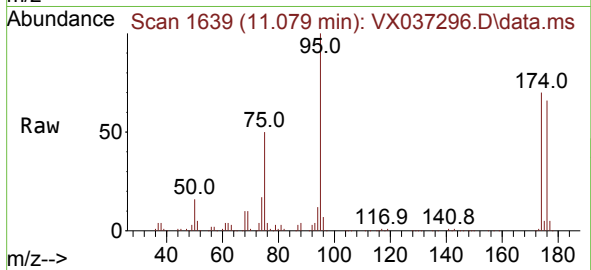
ClientSampleId :

Tgt Ion: 75 Resp: 50292

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.759 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037296.D

Acq: 28 Aug 2023 15:47

Tgt Ion: 75 Resp: 50292

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

