

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034178.D
 Acq On : 20 Feb 2023 11:31
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Feb 21 01:05:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

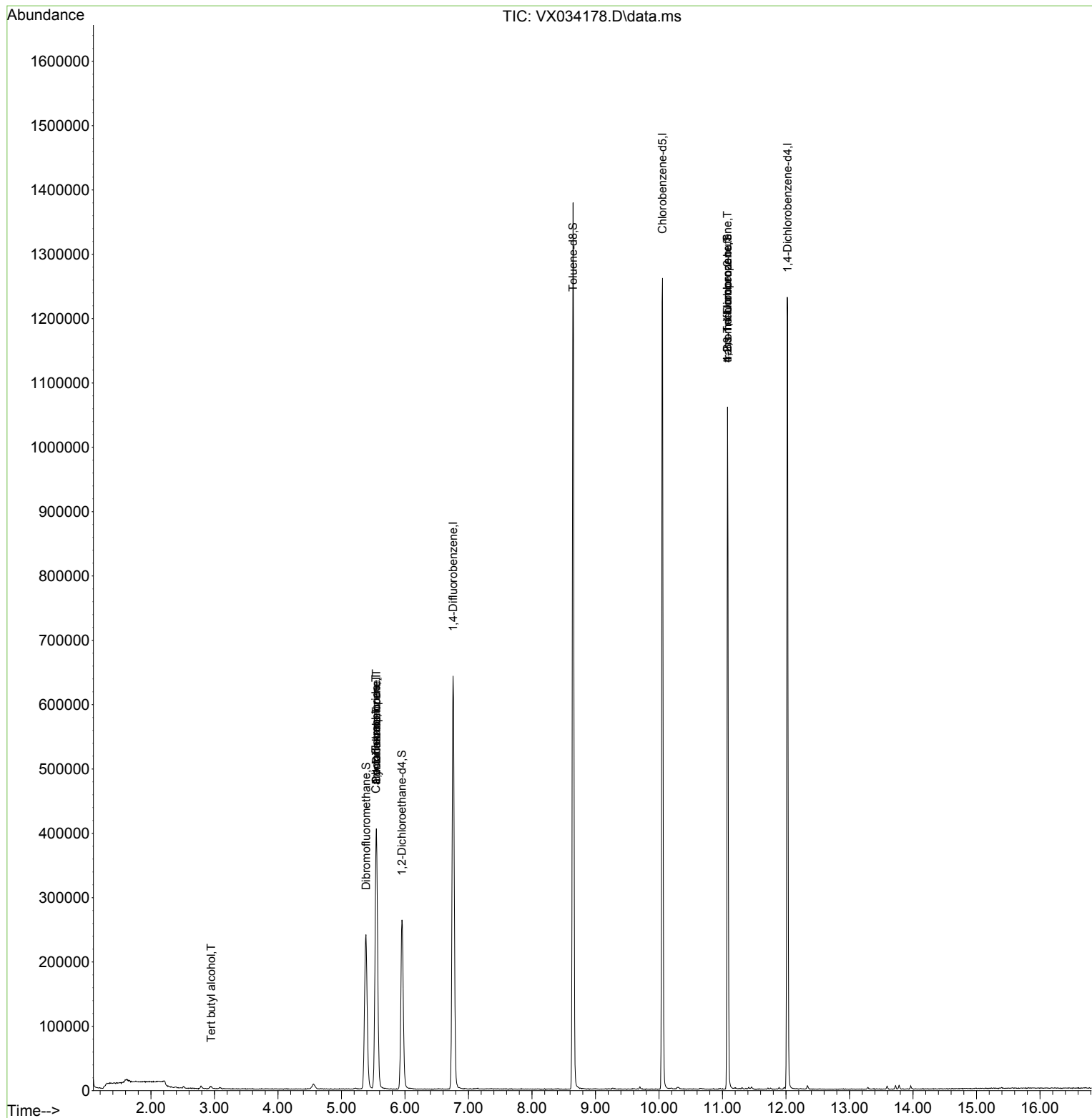
Internal Standards						
1) Pentafluorobenzene	5.550	168	403072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	677186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	594135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	240253	44.258	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.520%
35) Dibromofluoromethane	5.385	113	212789	48.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	809478	51.135	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.260%
62) 4-Bromofluorobenzene	11.079	95	280874	46.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	304	Below Cal	#	3
11) Tert butyl alcohol	2.947	59	2381	1.961	ug/l #	61
31) Cyclohexane	5.550	56	8601	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	30721	4.711	ug/l #	48
38) Carbon Tetrachloride	5.544	117	38314	5.710	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	135120	20.004	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	135120	51.389	ug/l #	8

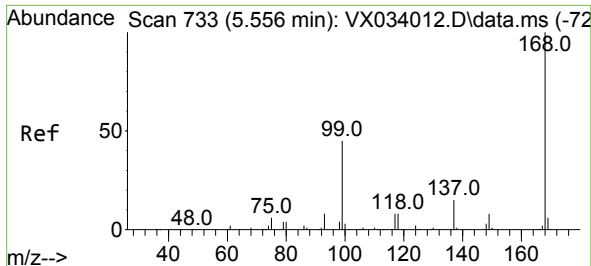
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

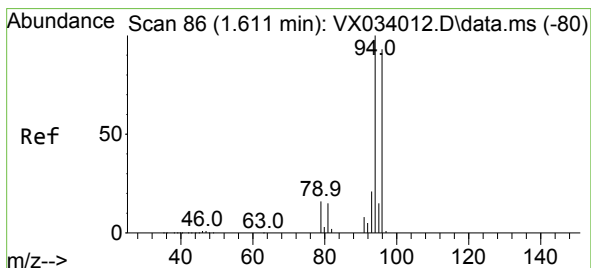
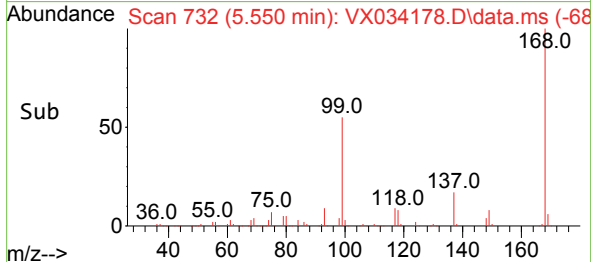
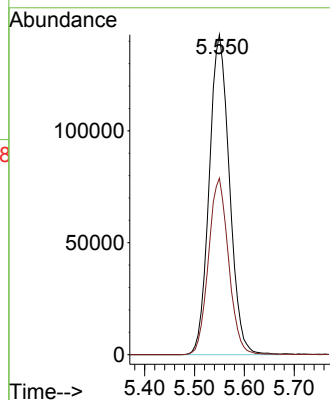
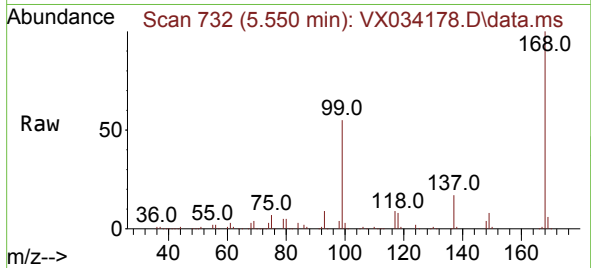




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034178.D
Acq: 20 Feb 2023 11:31

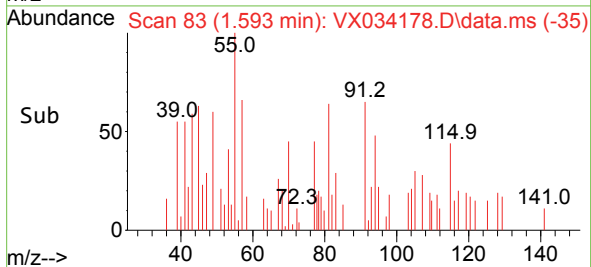
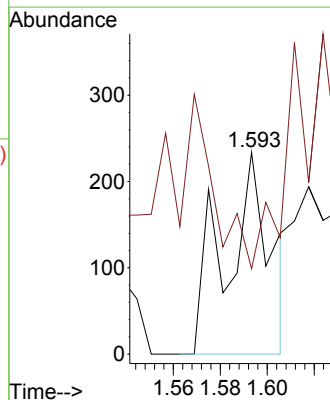
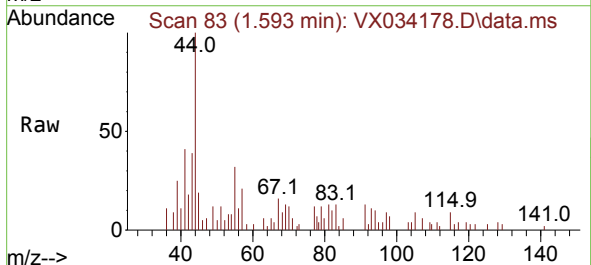
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

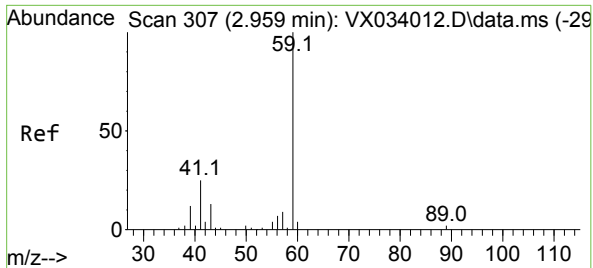
Tgt Ion:168 Resp: 403072
Ion Ratio Lower Upper
168 100
99 55.2 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX034178.D
Acq: 20 Feb 2023 11:31

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 1.961 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX034178.D

Acq: 20 Feb 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

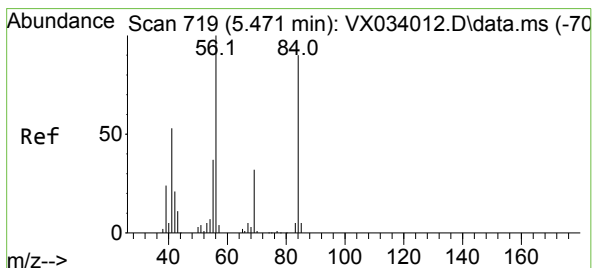
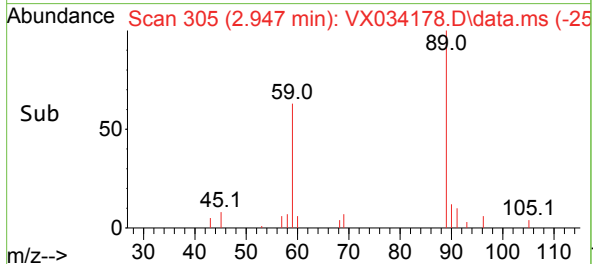
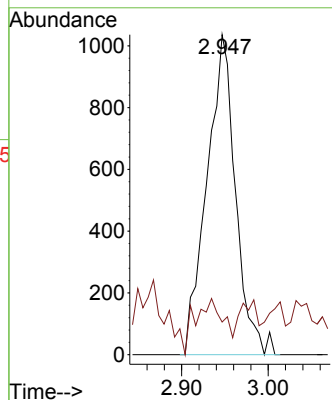
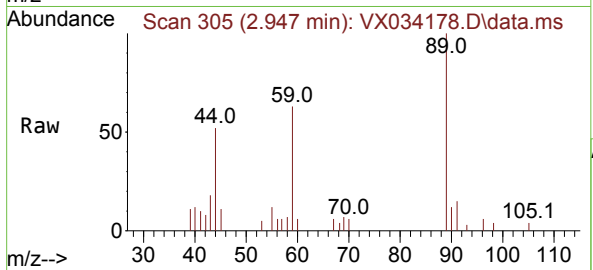
VIBLK

Tgt Ion: 59 Resp: 2381

Ion Ratio Lower Upper

59 100

57 17.5 3.7 5.5#



#31

Cyclohexane

Concen: 1.061 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX034178.D

Acq: 20 Feb 2023 11:31

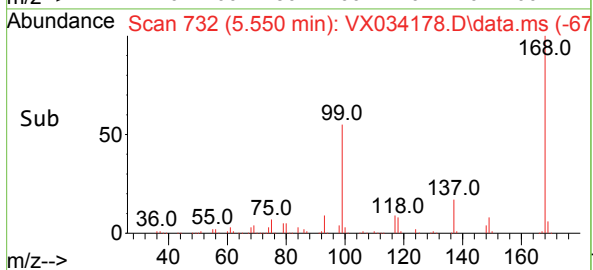
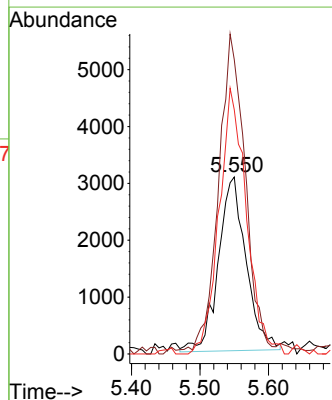
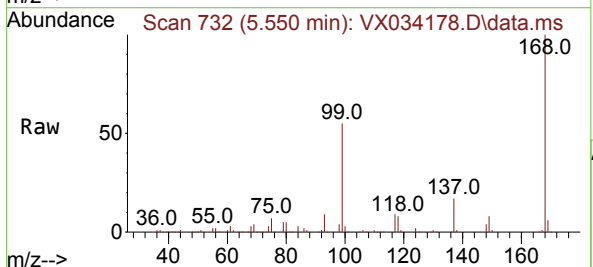
Tgt Ion: 56 Resp: 8601

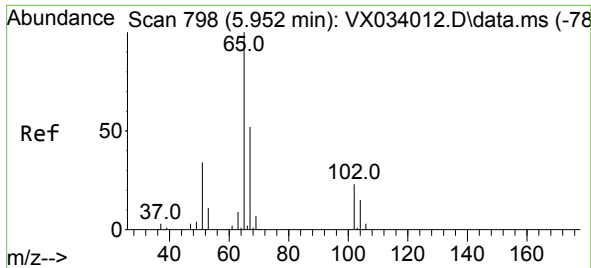
Ion Ratio Lower Upper

56 100

69 168.9 24.6 37.0#

84 142.2 71.0 106.6#

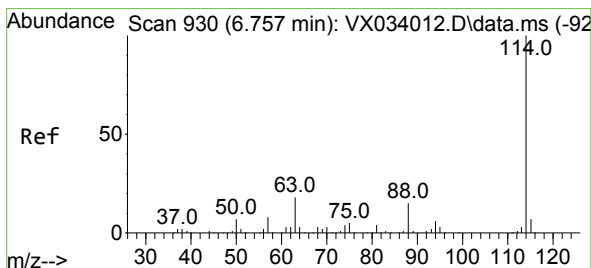
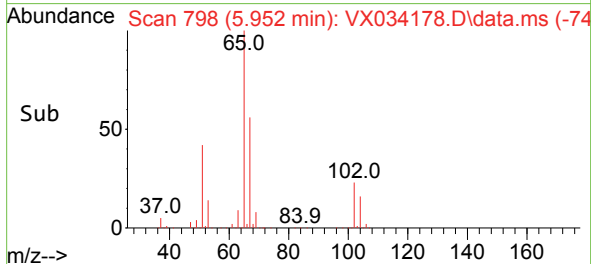
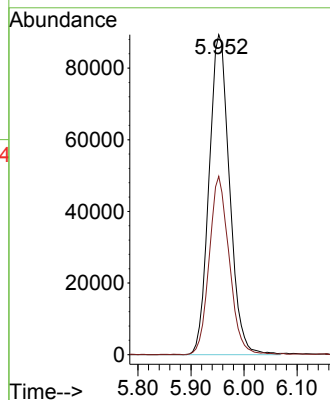
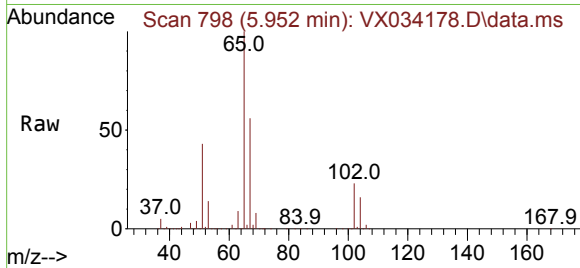




#33
 1,2-Dichloroethane-d4
 Concen: 44.258 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034178.D
 Acq: 20 Feb 2023 11:31

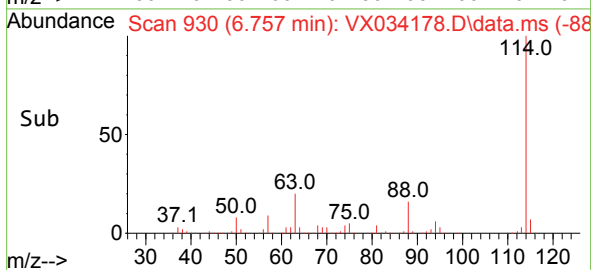
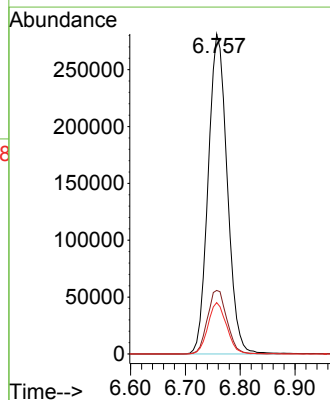
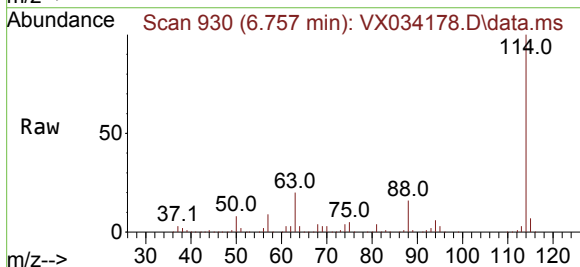
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

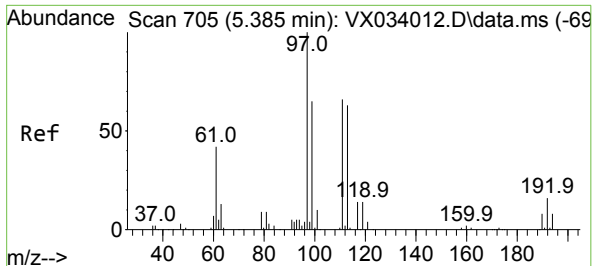
Tgt Ion: 65 Resp: 240253
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034178.D
 Acq: 20 Feb 2023 11:31

Tgt Ion: 114 Resp: 677186
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.4
 88 16.0 0.0 30.6

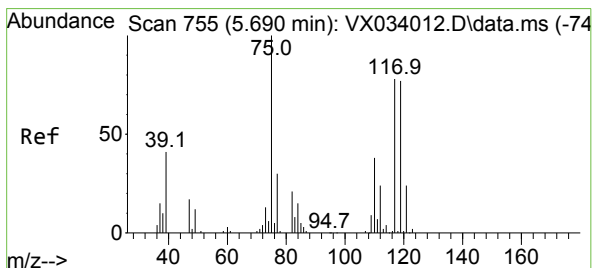
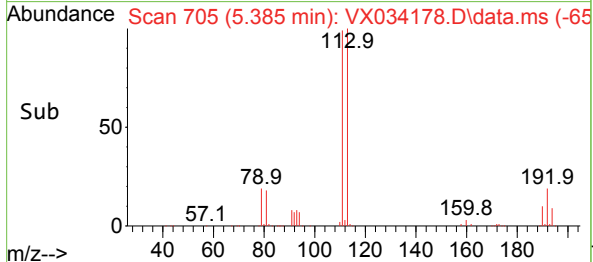
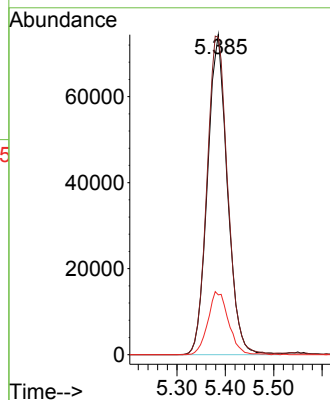
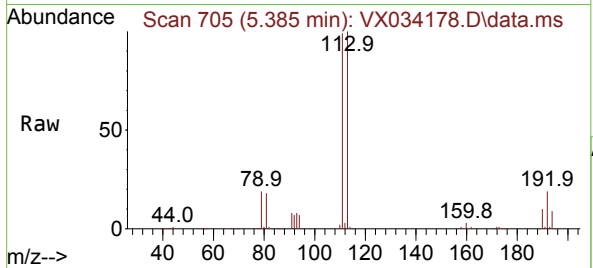




#35
Dibromofluoromethane
Concen: 48.261 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034178.D
Acq: 20 Feb 2023 11:31

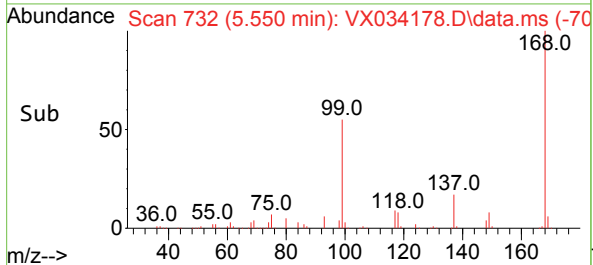
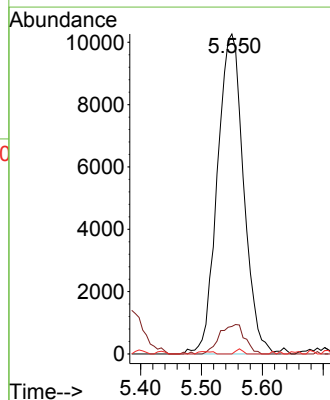
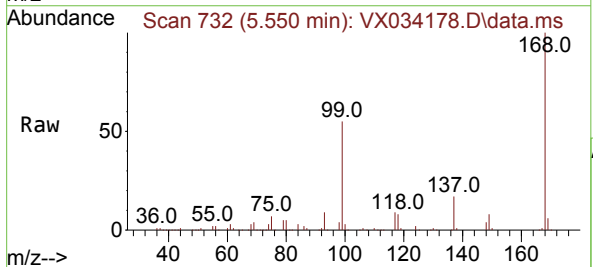
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

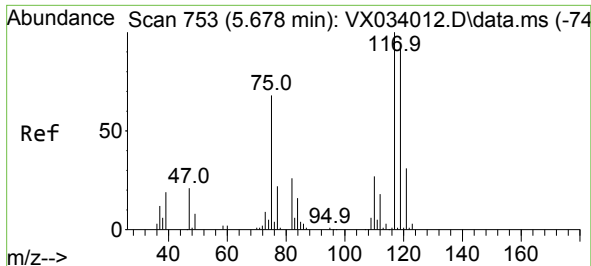
Tgt Ion:113 Resp: 212789
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 20.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034178.D
Acq: 20 Feb 2023 11:31

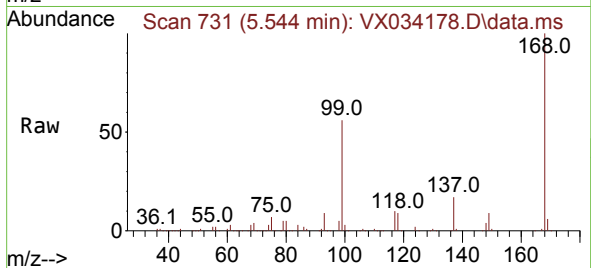
Tgt Ion: 75 Resp: 30721
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.4 25.1 37.7#



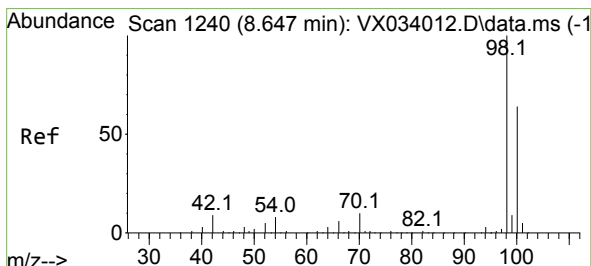
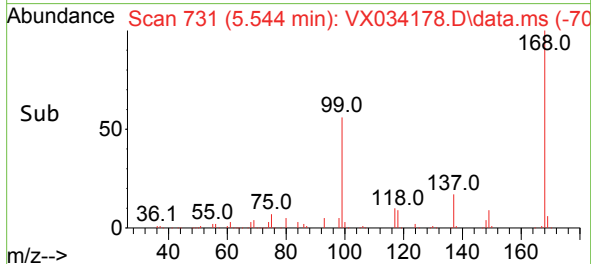
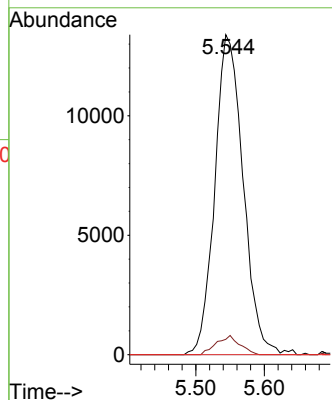


#38
Carbon Tetrachloride
Concen: 5.710 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034178.D
Acq: 20 Feb 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

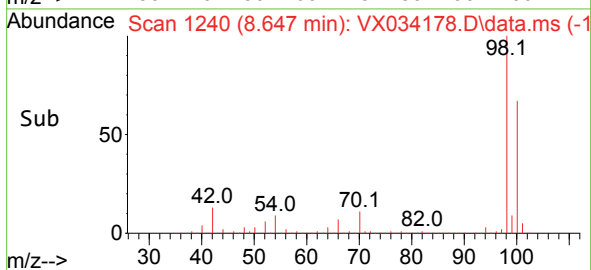
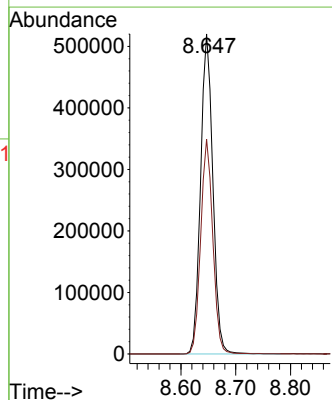
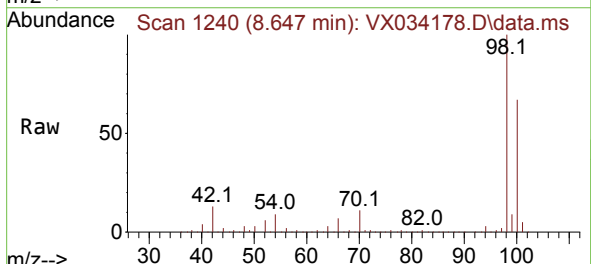


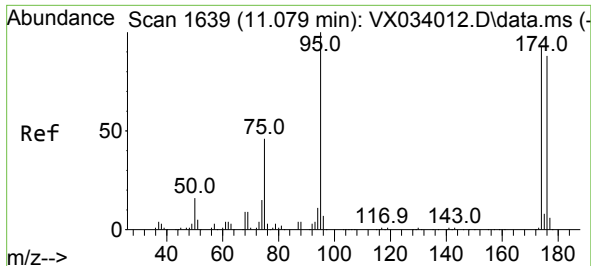
Tgt Ion:117 Resp: 38314
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.135 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034178.D
Acq: 20 Feb 2023 11:31

Tgt Ion: 98 Resp: 809478
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

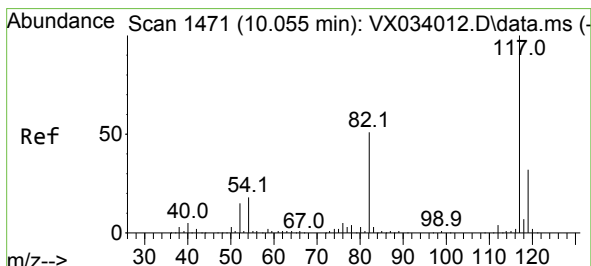
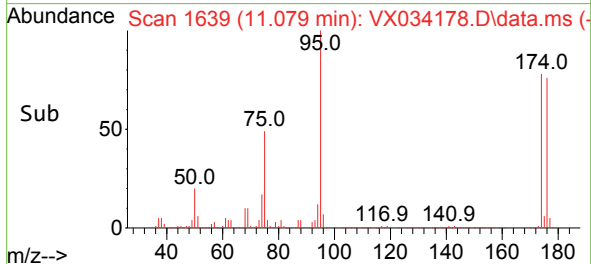
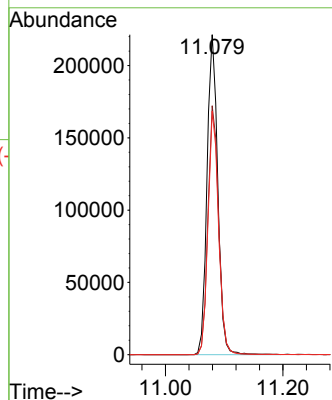
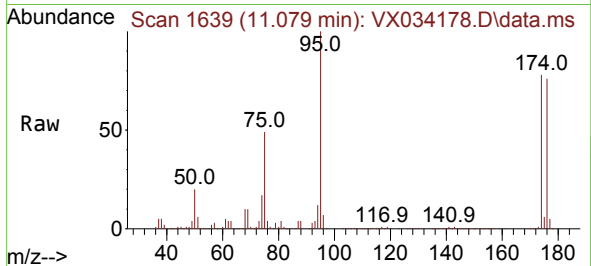




#62
4-Bromofluorobenzene
Concen: 46.386 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034178.D
Acq: 20 Feb 2023 11:31

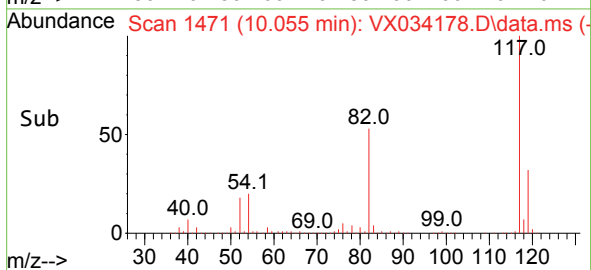
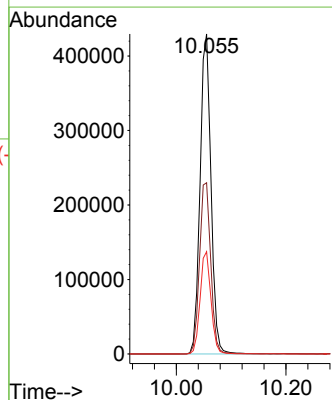
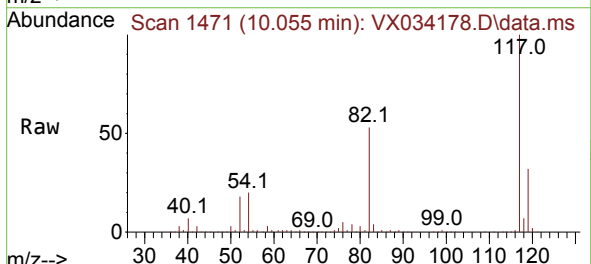
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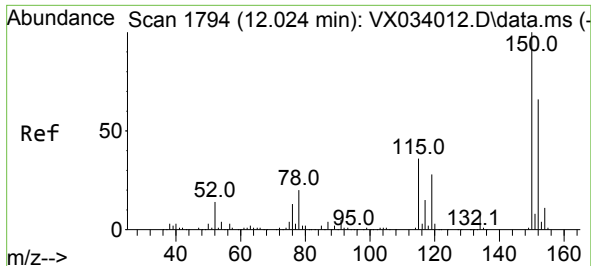
Tgt Ion: 95 Resp: 280874
Ion Ratio Lower Upper
95 100
174 77.9 0.0 184.4
176 74.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034178.D
Acq: 20 Feb 2023 11:31

Tgt Ion: 117 Resp: 594135
Ion Ratio Lower Upper
117 100
82 53.5 40.6 60.8
119 32.0 25.6 38.4

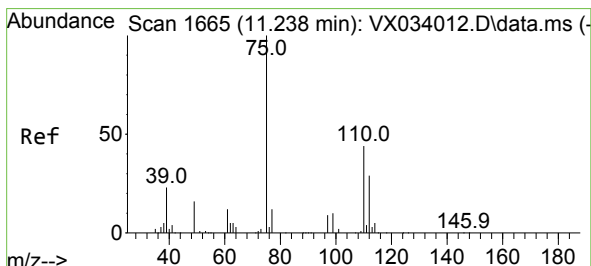
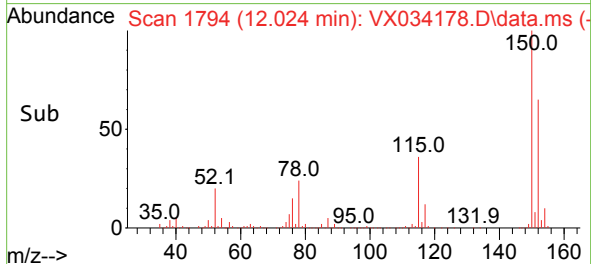
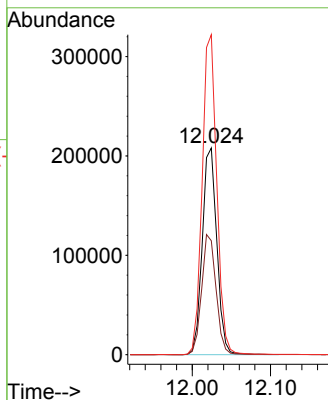
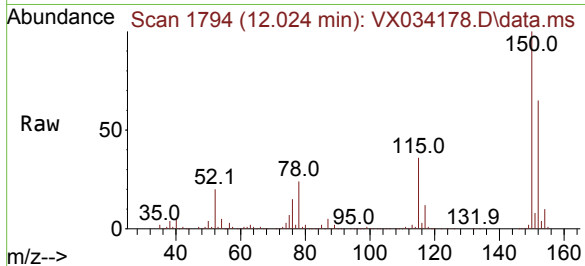




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034178.D
 Acq: 20 Feb 2023 11:31

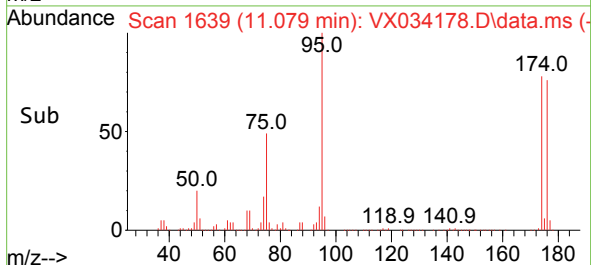
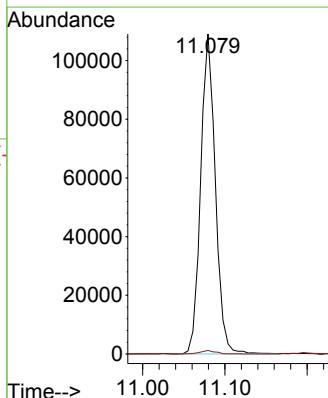
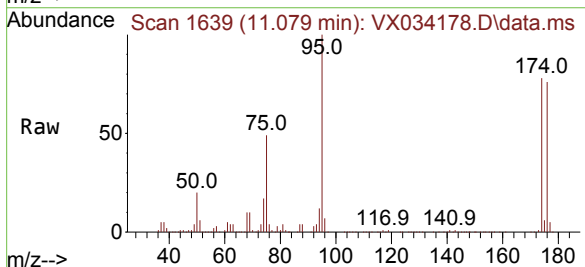
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

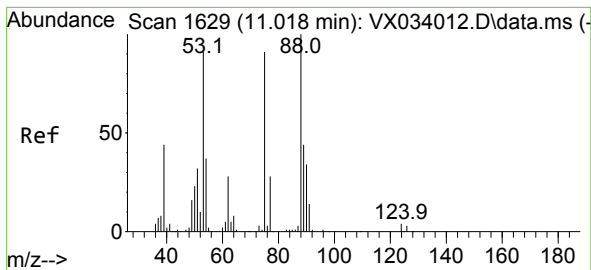
Tgt Ion:152 Resp: 268435
 Ion Ratio Lower Upper
 152 100
 115 57.9 38.7 116.1
 150 155.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 20.004 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034178.D
 Acq: 20 Feb 2023 11:31

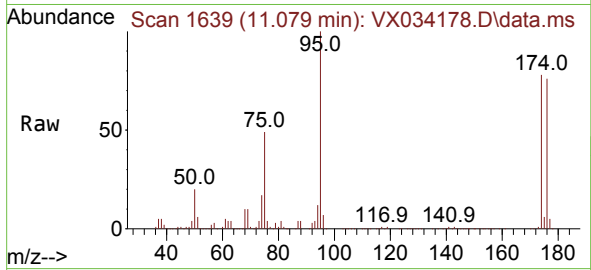
Tgt Ion: 75 Resp: 135120
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.389 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034178.D
 Acq: 20 Feb 2023 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK



Tgt Ion: 75 Resp: 135120
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

