

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039465.D
 Acq On : 26 Dec 2023 14:20
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 04:38:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

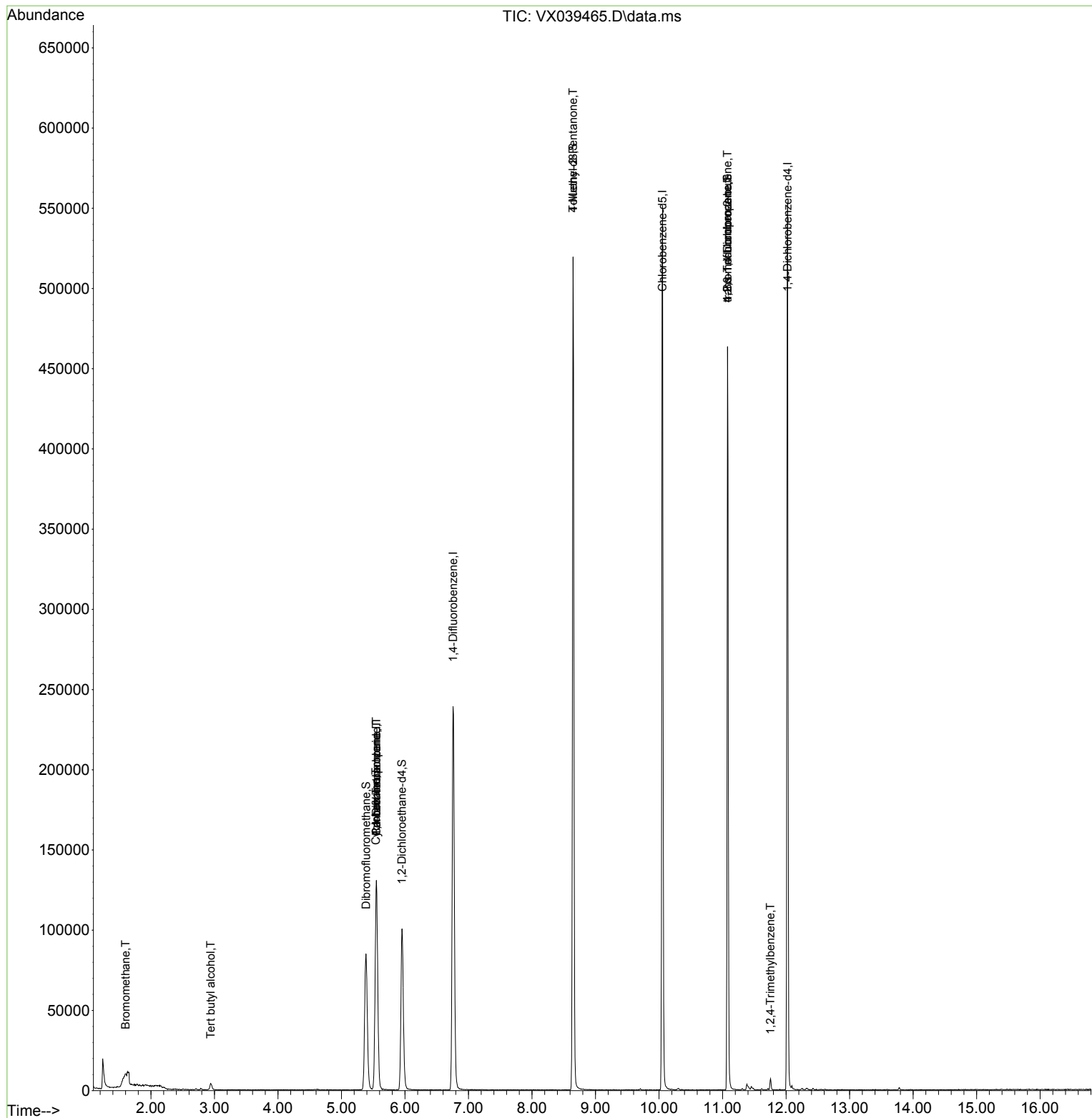
Internal Standards						
1) Pentafluorobenzene	5.550	168	111996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97144	47.348	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.700%
35) Dibromofluoromethane	5.385	113	74808	46.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	299776	50.009	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.020%
62) 4-Bromofluorobenzene	11.079	95	123828	50.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	218	0.234	ug/l #	41
11) Tert butyl alcohol	2.941	59	2671	5.184	ug/l #	78
16) Acetone	2.386	43	397	Below Cal	#	47
31) Cyclohexane	5.544	56	3508	1.324	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	11235	4.409	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12735	5.237	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1565	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68671	25.359	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68671	71.536	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	3648	0.517	ug/l	95

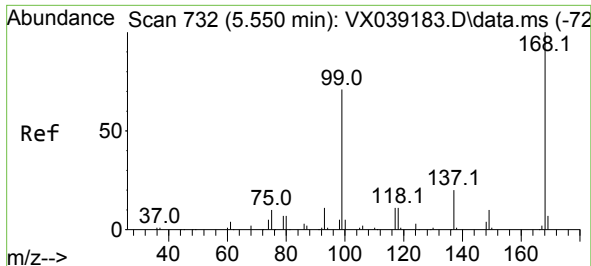
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
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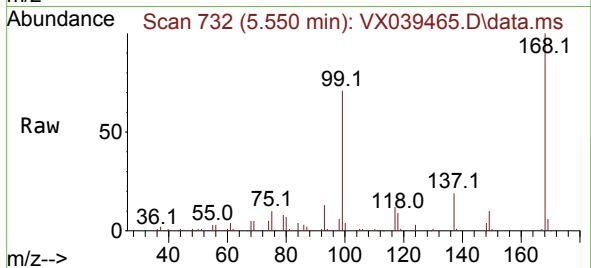
Quant Time: Dec 27 04:38:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
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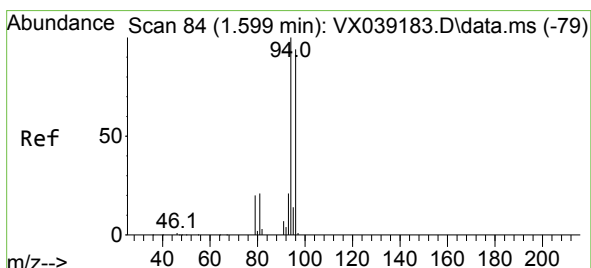
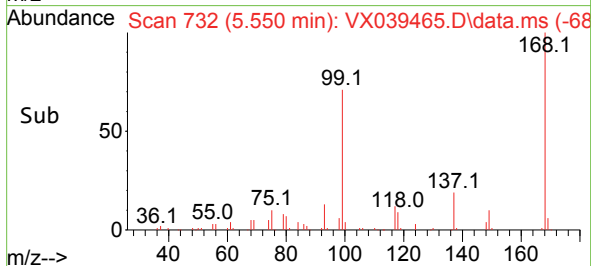
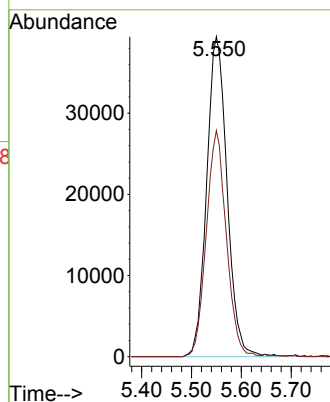


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039465.D
Acq: 26 Dec 2023 14:20

Instrument :
MSVOA_X
ClientSampleId :

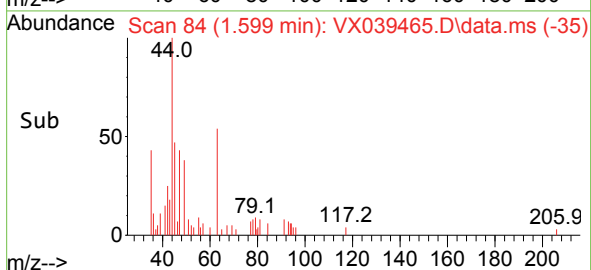
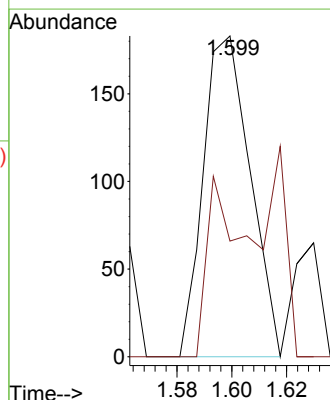
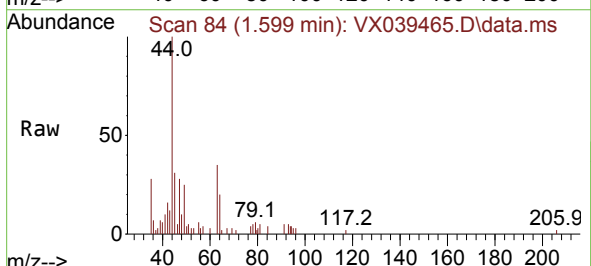


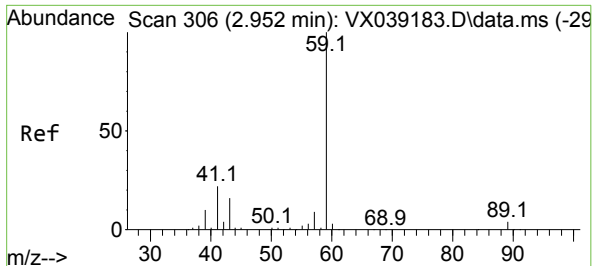
Tgt Ion:168 Resp: 111996
Ion Ratio Lower Upper
168 100
99 70.6 56.6 85.0



#5
Bromomethane
Concen: 0.234 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039465.D
Acq: 26 Dec 2023 14:20

Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 36.1 74.6 111.8#





#11

Tert butyl alcohol

Concen: 5.184 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

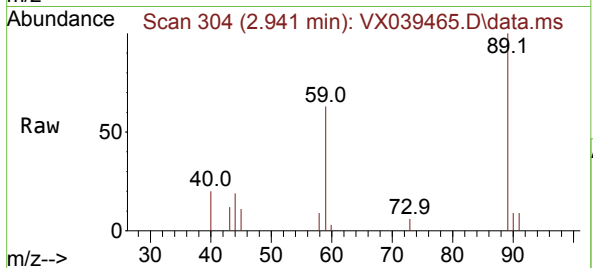
Lab File: VX039465.D

Acq: 26 Dec 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

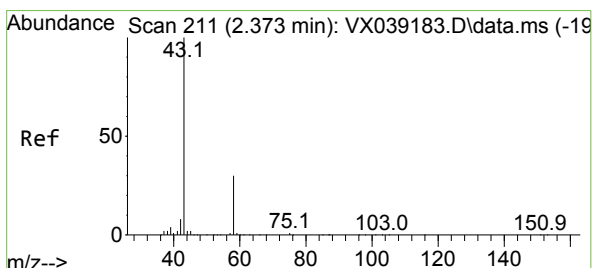
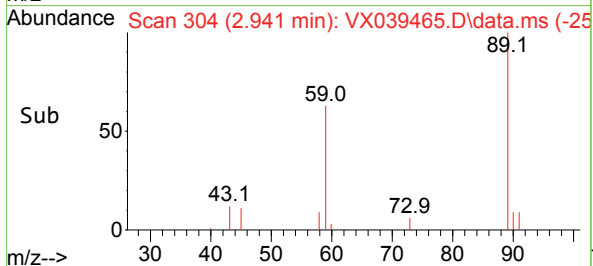
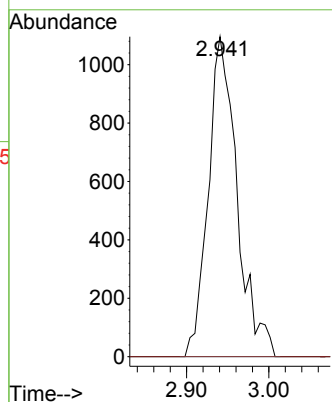


Tgt Ion: 59 Resp: 2671

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. 0.013 min

Lab File: VX039465.D

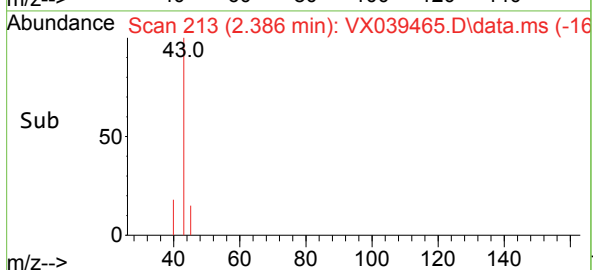
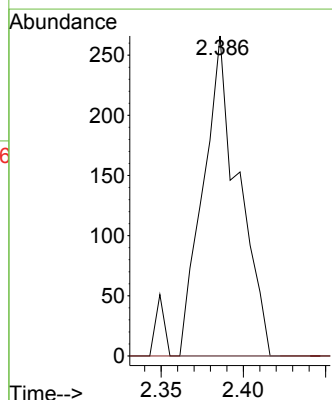
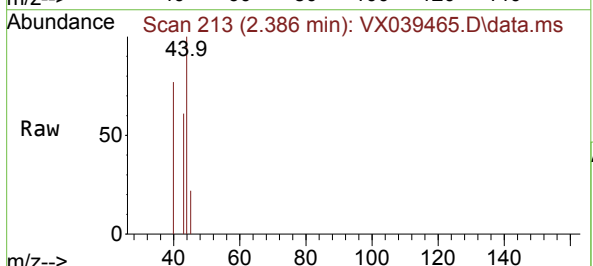
Acq: 26 Dec 2023 14:20

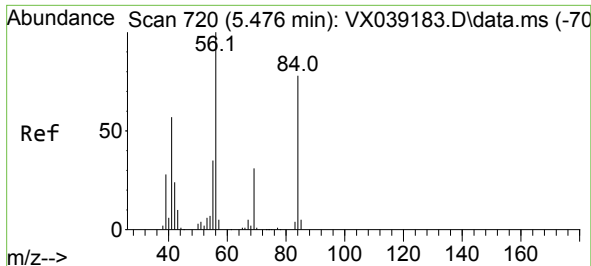
Tgt Ion: 43 Resp: 397

Ion Ratio Lower Upper

43 100

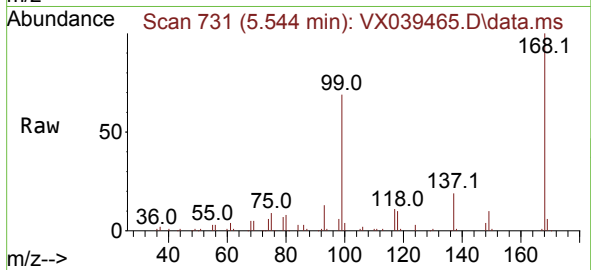
58 0.0 21.9 32.9#



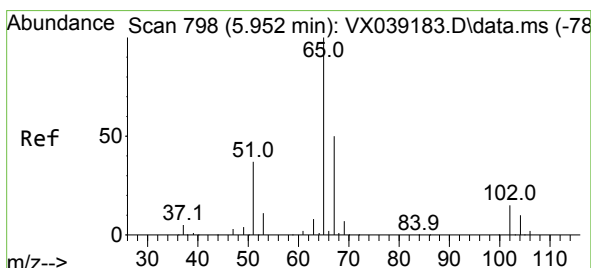
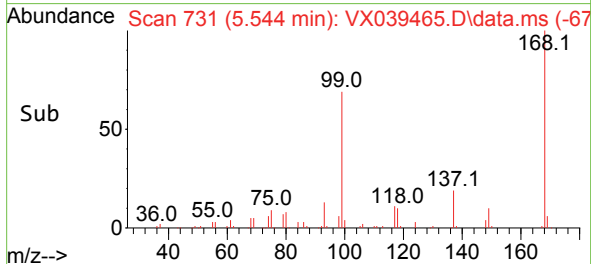
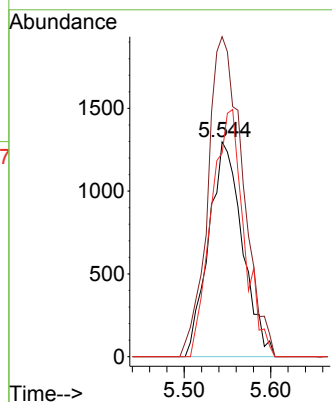


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039465.D
Acq: 26 Dec 2023 14:20

Instrument :
MSVOA_X
ClientSampleId :

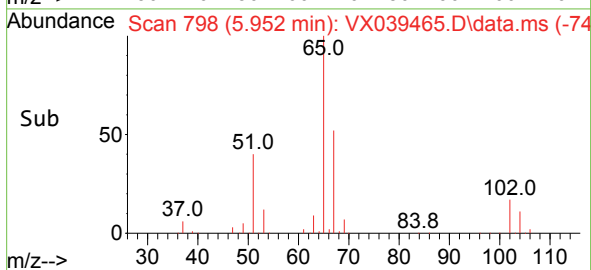
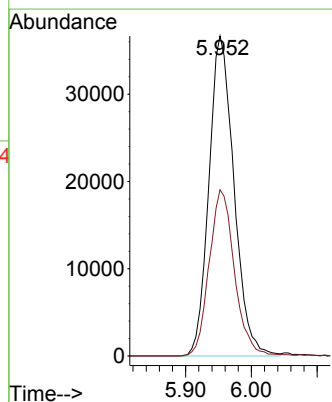
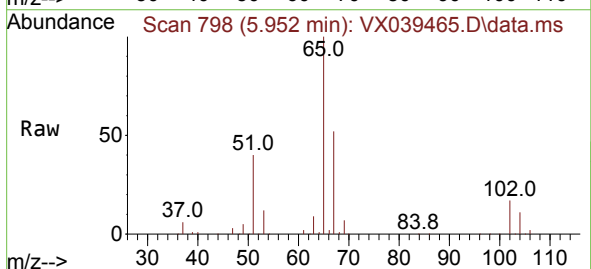


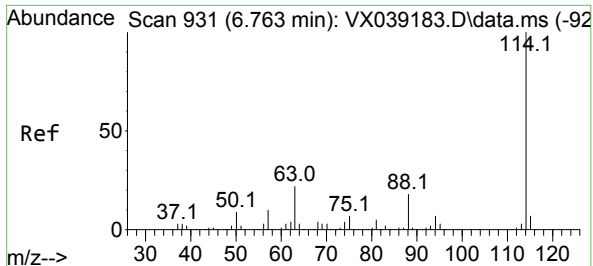
Tgt Ion: 56 Resp: 3508
Ion Ratio Lower Upper
56 100
69 149.0 23.4 35.2#
84 94.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.348 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039465.D
Acq: 26 Dec 2023 14:20

Tgt Ion: 65 Resp: 97144
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

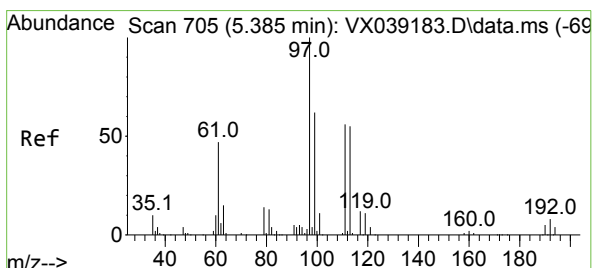
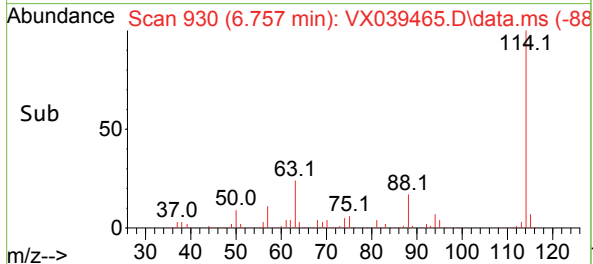
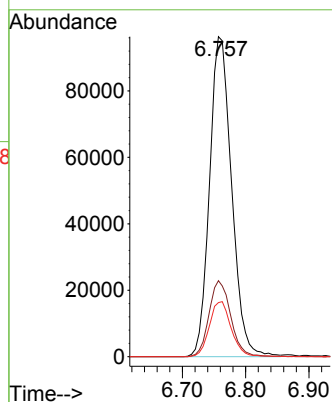
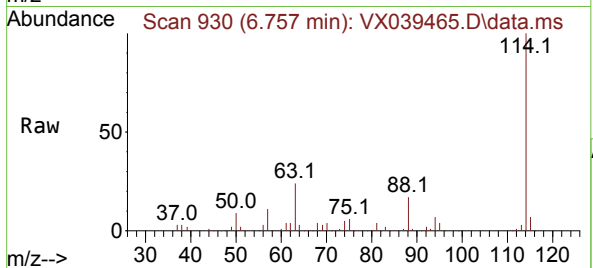




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039465.D
Acq: 26 Dec 2023 14:20

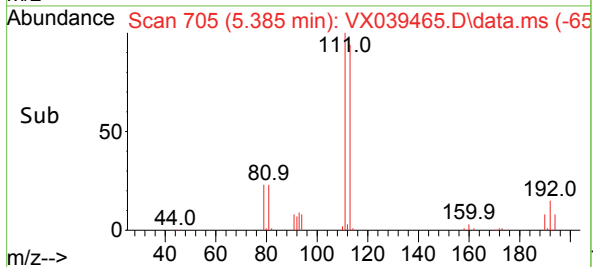
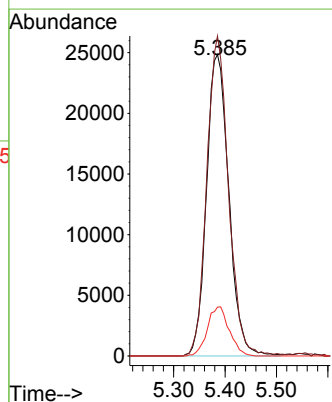
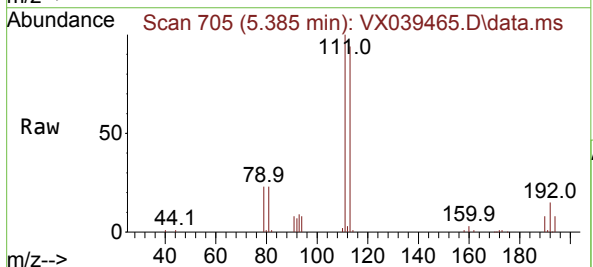
Instrument :
MSVOA_X
ClientSampleId :

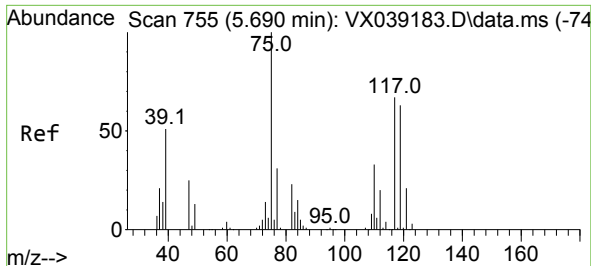
Tgt Ion:114 Resp: 233719
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.331 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039465.D
Acq: 26 Dec 2023 14:20

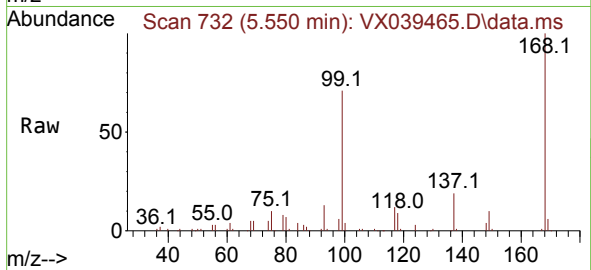
Tgt Ion:113 Resp: 74808
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.0 13.3 19.9



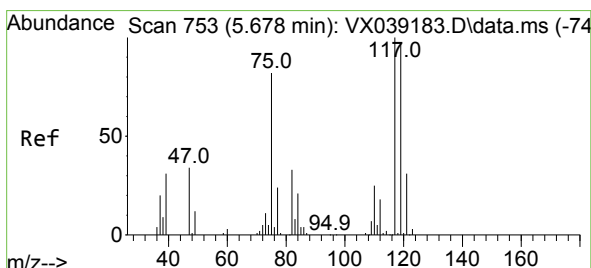
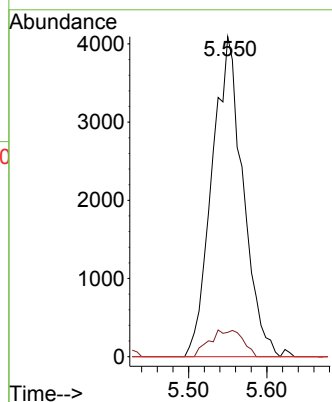
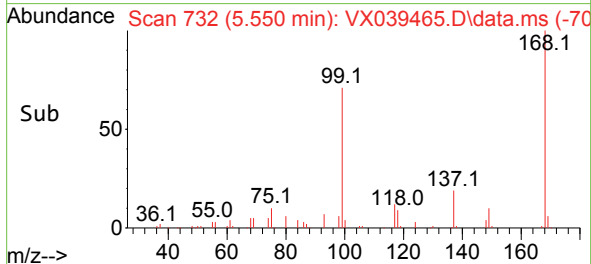


#36
 1,1-Dichloropropene
 Concen: 4.409 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.140 min
 Lab File: VX039465.D
 Acq: 26 Dec 2023 14:20

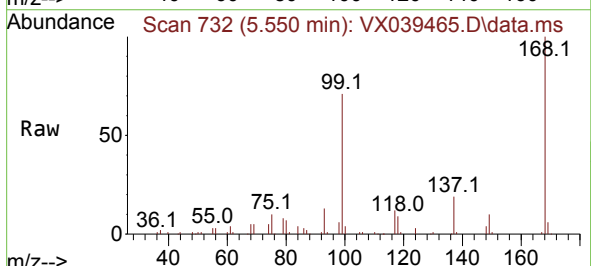
Instrument :
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 ClientSampleId :



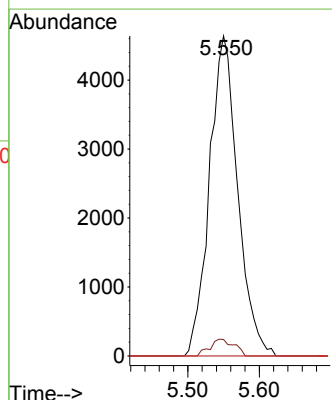
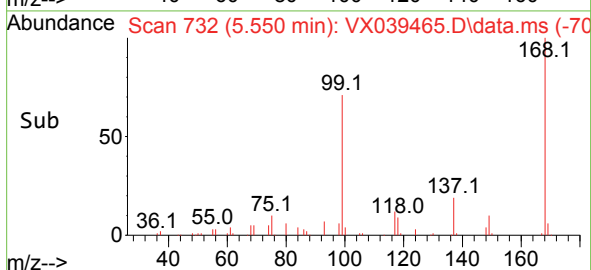
Tgt Ion: 75 Resp: 11235
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.0 50.9#
 77 0.0 24.7 37.1#

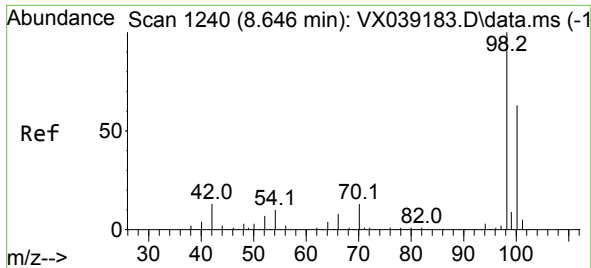


#38
 Carbon Tetrachloride
 Concen: 5.237 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX039465.D
 Acq: 26 Dec 2023 14:20



Tgt Ion: 117 Resp: 12735
 Ion Ratio Lower Upper
 117 100
 119 5.1 78.2 117.2#
 121 0.0 24.4 36.6#

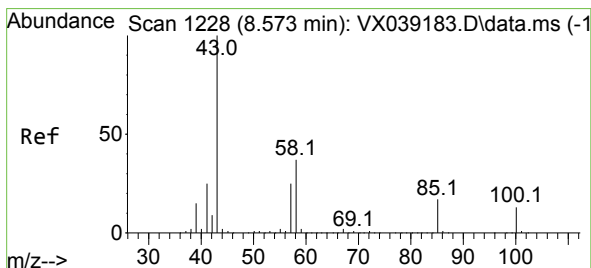
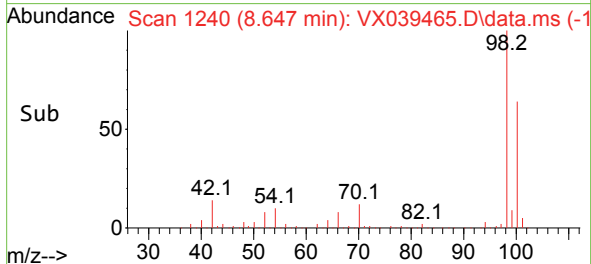
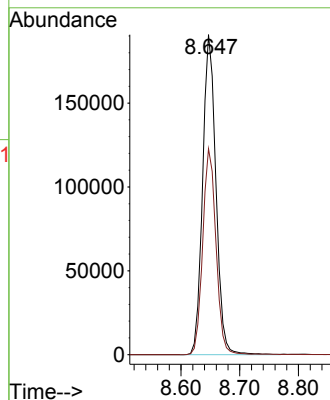
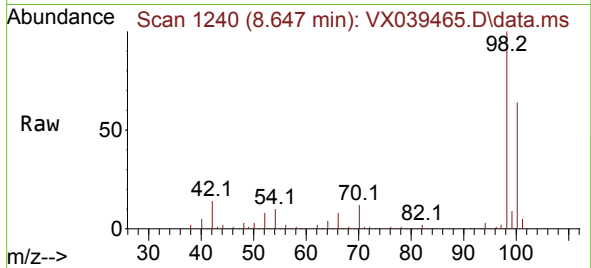




#50
Toluene-d8
Concen: 50.009 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039465.D
Acq: 26 Dec 2023 14:20

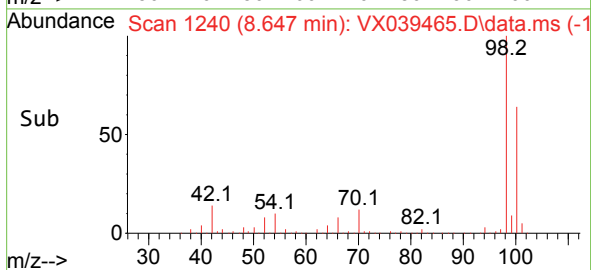
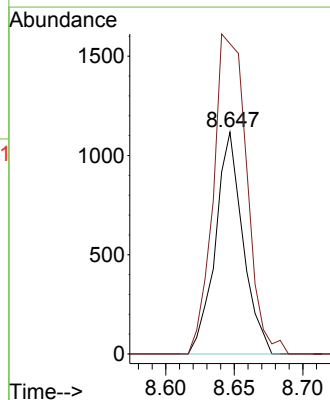
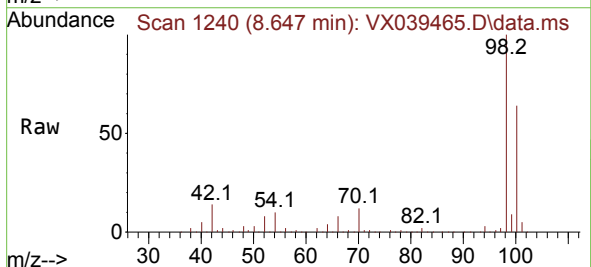
Instrument :
MSVOA_X
ClientSampleId :

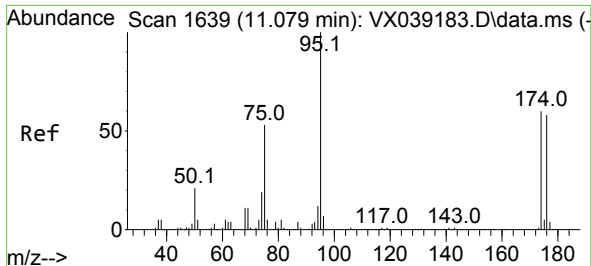
Tgt Ion: 98 Resp: 299776
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX039465.D
Acq: 26 Dec 2023 14:20

Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 175.1 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 50.066 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039465.D

Acq: 26 Dec 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

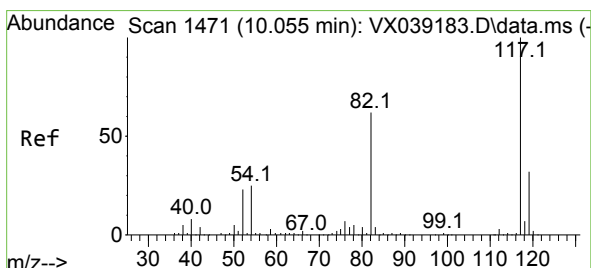
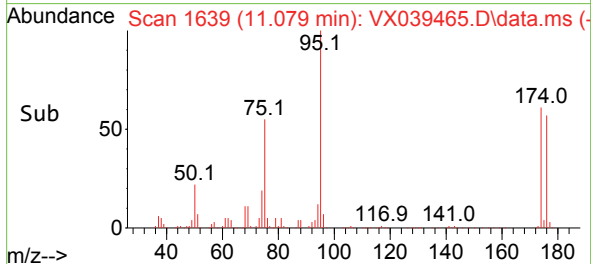
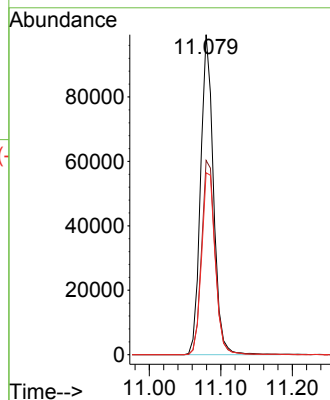
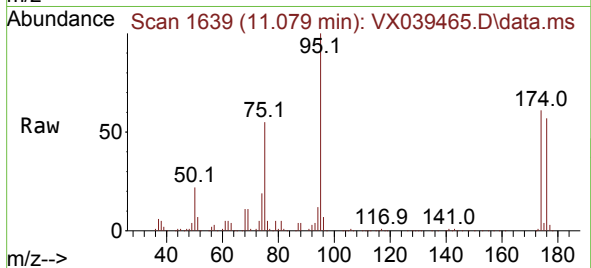
Tgt Ion: 95 Resp: 123828

Ion Ratio Lower Upper

95 100

174 63.9 0.0 135.6

176 60.8 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: VX039465.D

Acq: 26 Dec 2023 14:20

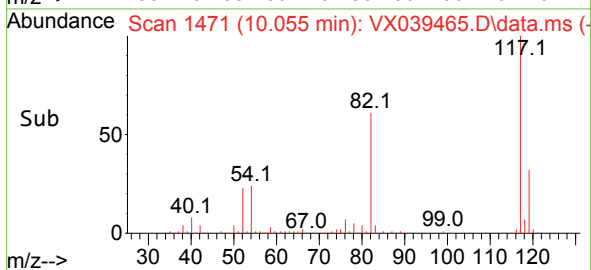
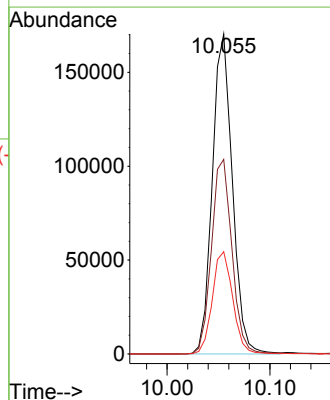
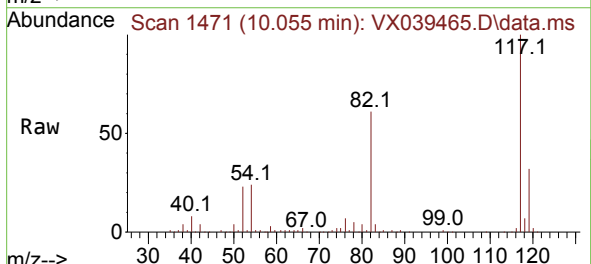
Tgt Ion: 117 Resp: 230575

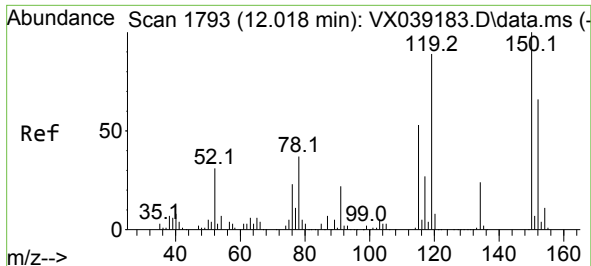
Ion Ratio Lower Upper

117 100

82 60.8 46.2 69.4

119 32.0 25.5 38.3

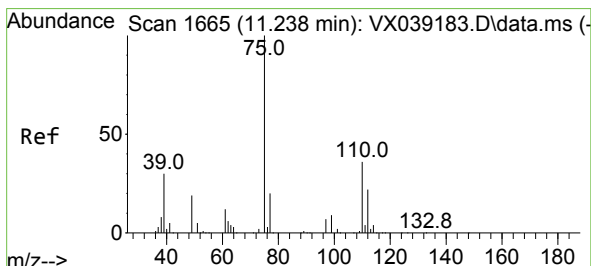
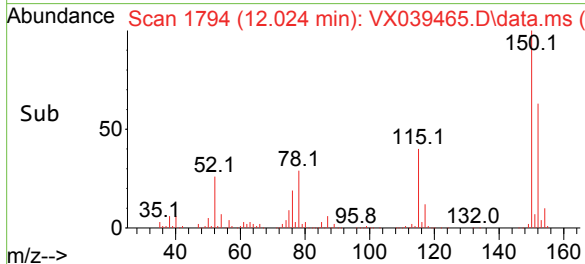
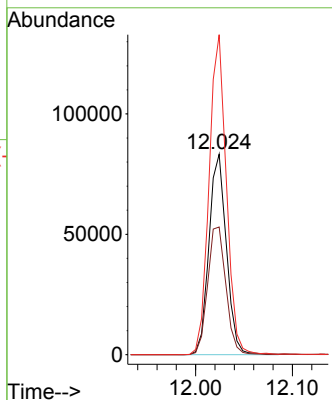
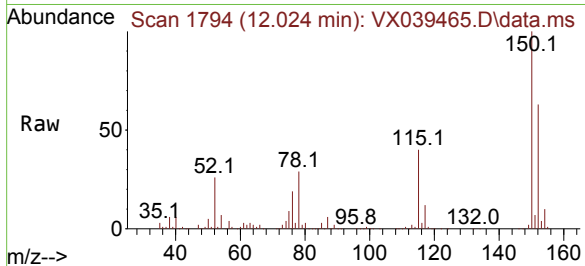




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX039465.D
 Acq: 26 Dec 2023 14:20

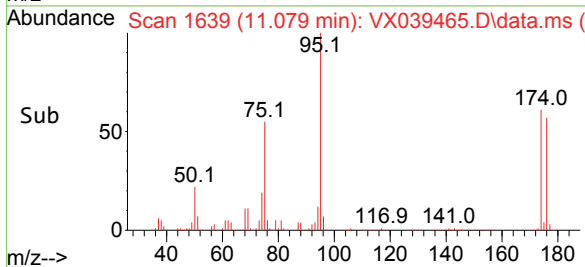
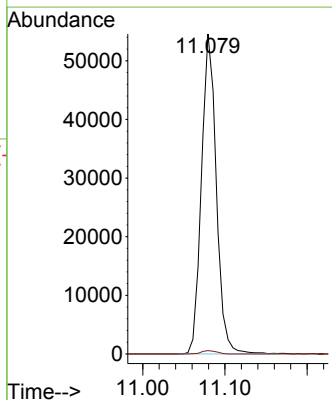
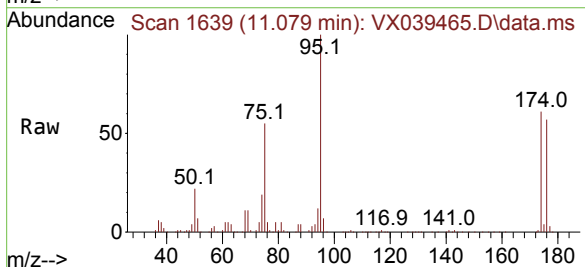
Instrument :
 MSVOA_X
 ClientSampleId :

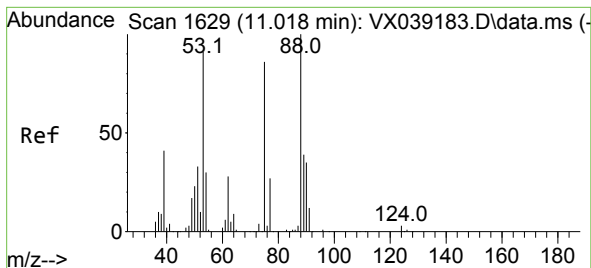
Tgt Ion:152 Resp: 104670
 Ion Ratio Lower Upper
 152 100
 115 66.5 43.3 129.9
 150 157.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.359 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039465.D
 Acq: 26 Dec 2023 14:20

Tgt Ion: 75 Resp: 68671
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

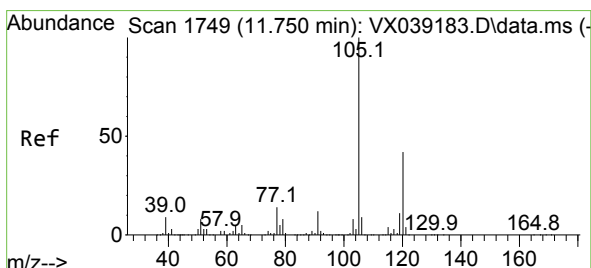
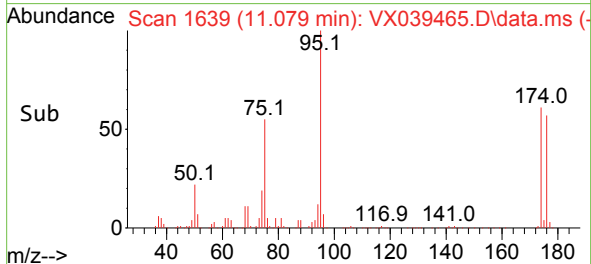
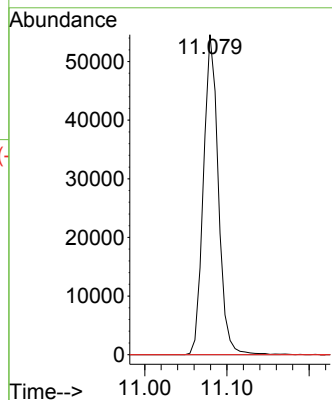
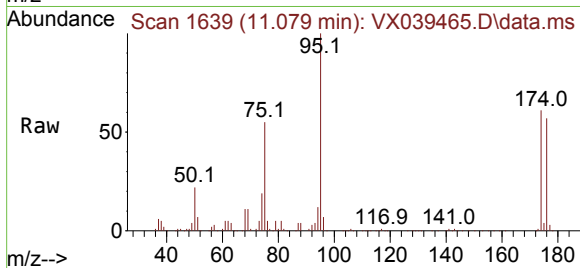




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.536 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX039465.D
 Acq: 26 Dec 2023 14:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 68671
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.517 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX039465.D
 Acq: 26 Dec 2023 14:20

Tgt Ion: 105 Resp: 3648
 Ion Ratio Lower Upper
 105 100
 120 39.3 21.2 63.6

