

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040539.D
 Acq On : 29 Feb 2024 15:59
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 01 03:49:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

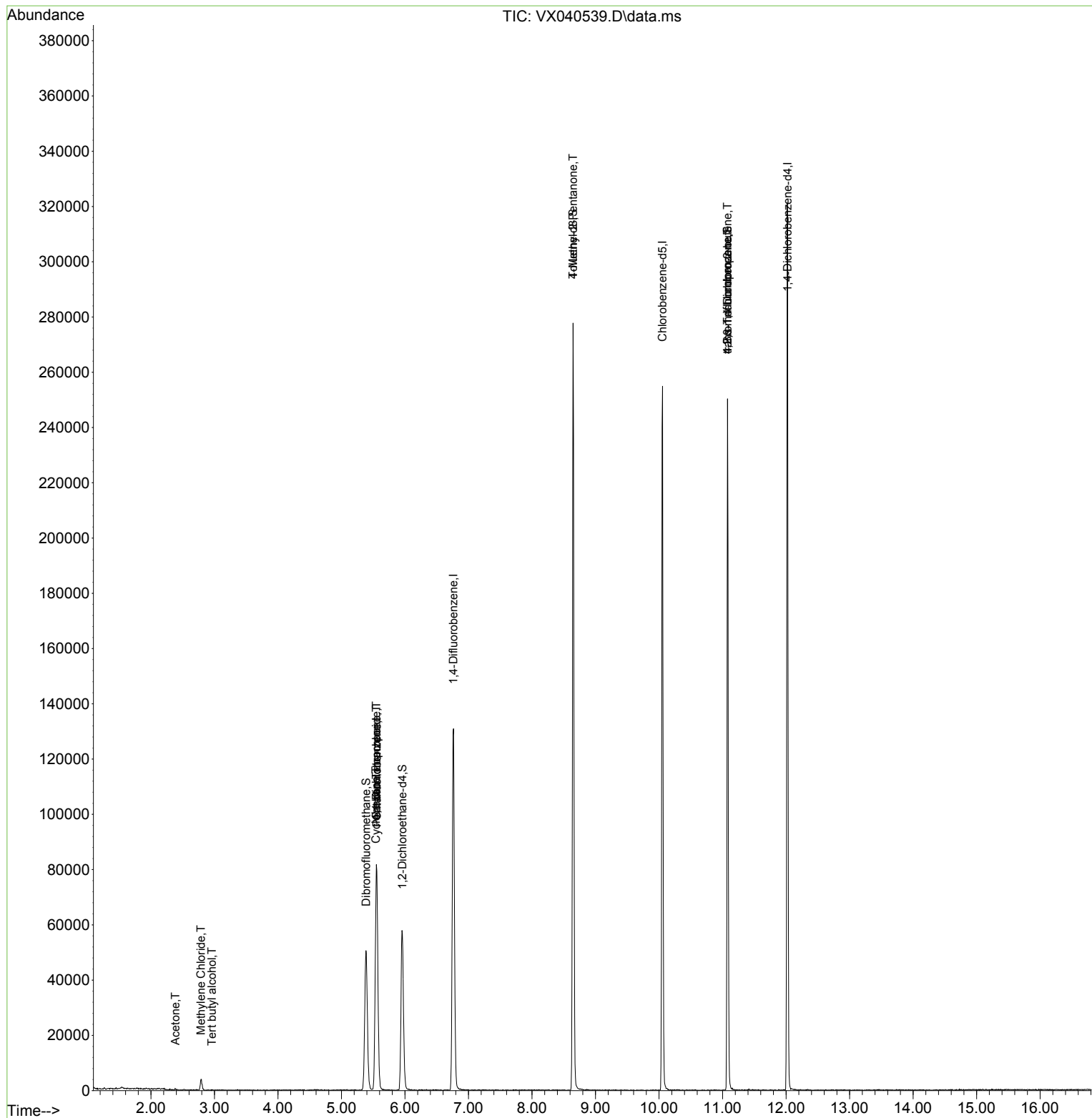
Internal Standards						
1) Pentafluorobenzene	5.556	168	72006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59965	49.791	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.580%
35) Dibromofluoromethane	5.385	113	42320	49.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	8.647	98	153141	49.065	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	62515	52.544	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	65	0.321	ug/l #	78
16) Acetone	2.386	43	239	0.609	ug/l	93
20) Methylene Chloride	2.788	84	1815	1.931	ug/l	95
31) Cyclohexane	5.544	56	2118	1.552	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	6870	5.186	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8083	6.316	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	847	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35485	25.983	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35485	75.638	ug/l #	5

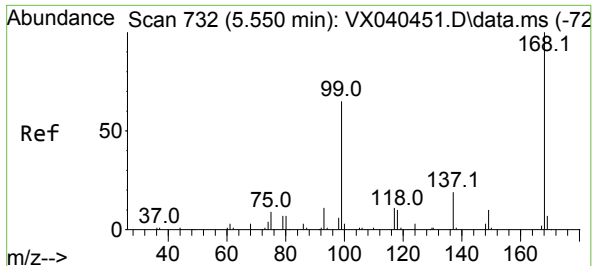
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

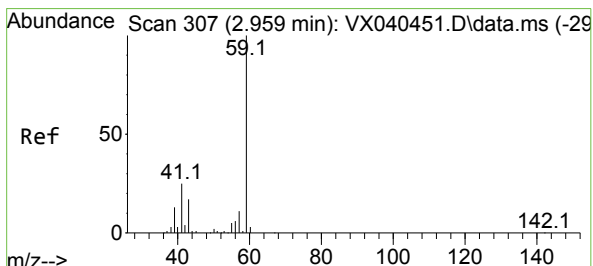
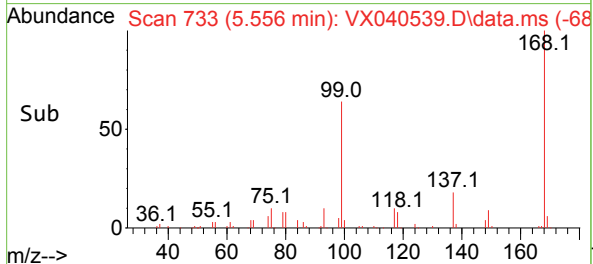
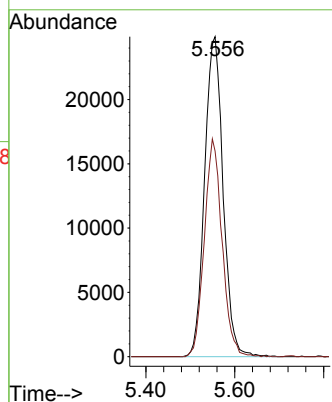
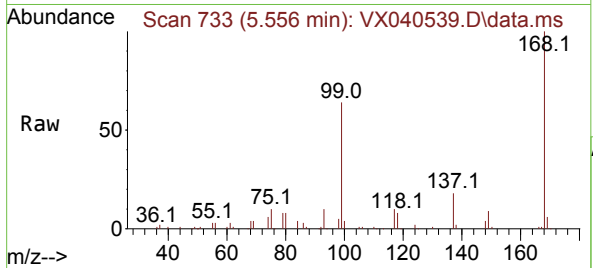




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

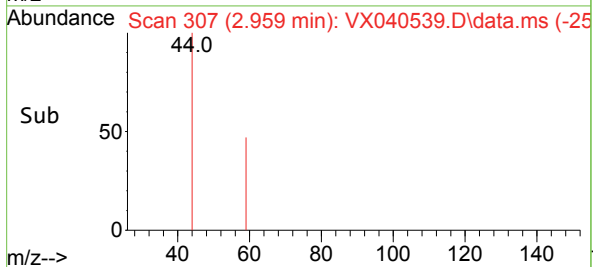
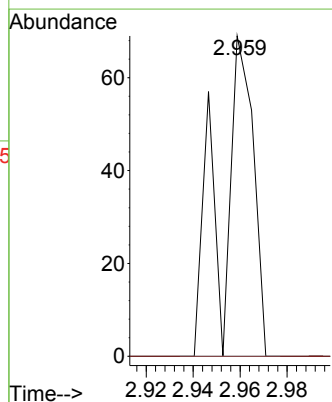
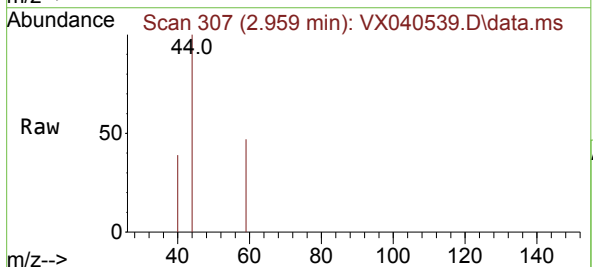
Instrument :
MSVOA_X
ClientSampleId :
IBLK

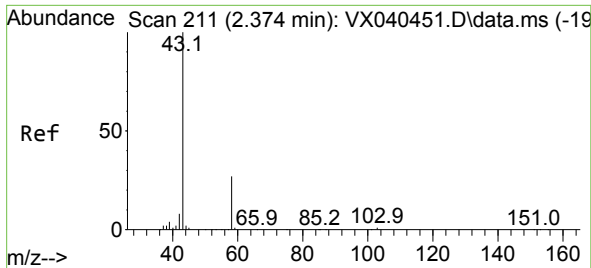
Tgt Ion:168 Resp: 72006
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.321 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.609 ug/l

RT: 2.386 min Scan# 211

Delta R.T. 0.012 min

Lab File: VX040539.D

Acq: 29 Feb 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

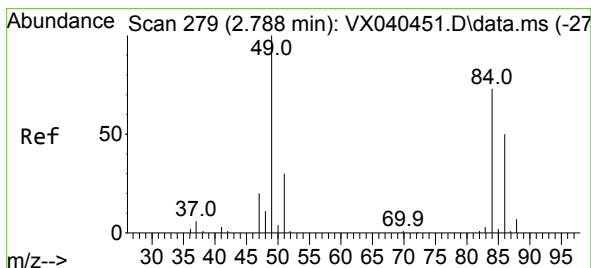
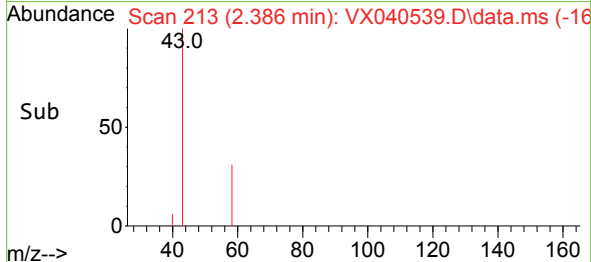
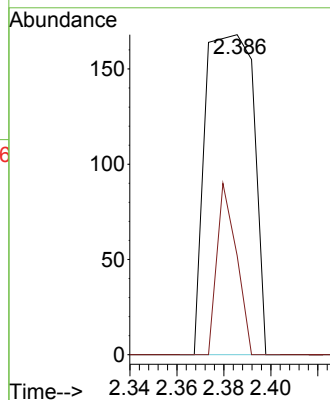
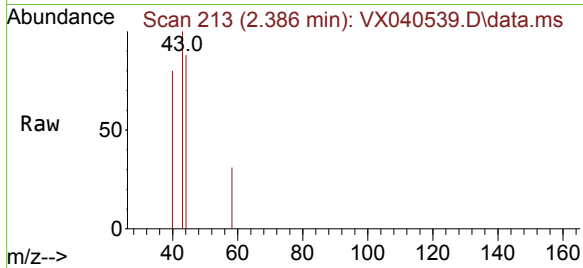
IBLK

Tgt Ion: 43 Resp: 239

Ion Ratio Lower Upper

43 100

58 31.0 21.9 32.9



#20

Methylene Chloride

Concen: 1.931 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040539.D

Acq: 29 Feb 2024 15:59

Tgt Ion: 84 Resp: 1815

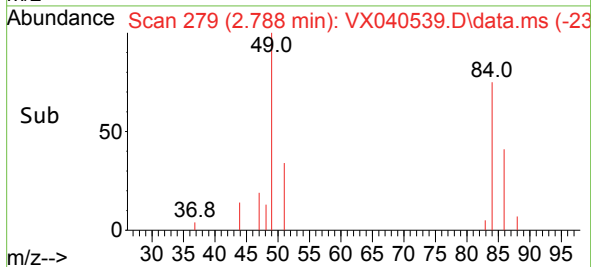
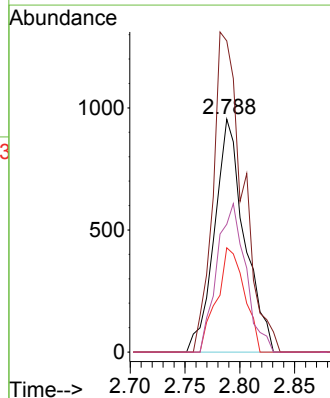
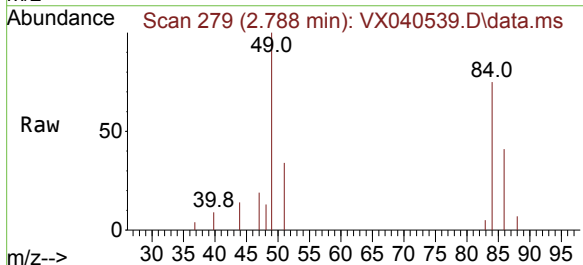
Ion Ratio Lower Upper

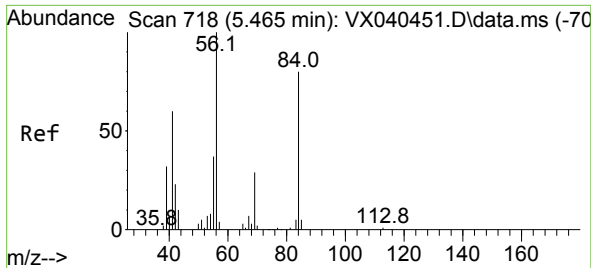
84 100

49 133.5 103.6 155.4

51 44.8 33.8 50.6

86 54.8 49.4 74.0

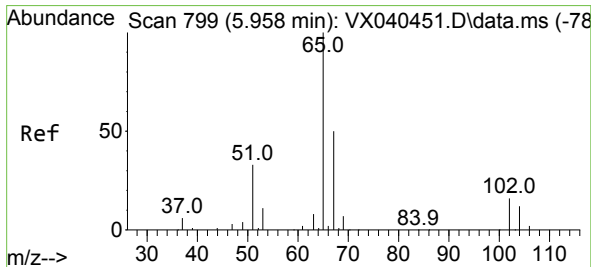
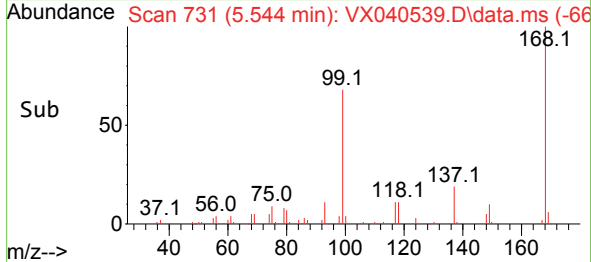
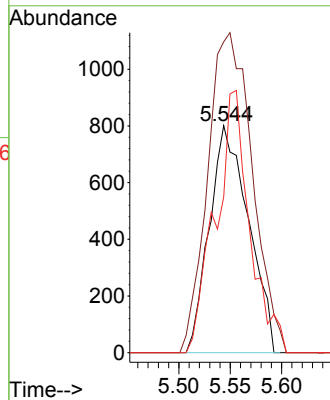
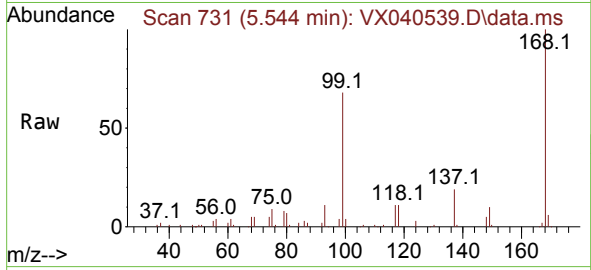




#31
Cyclohexane
Concen: 1.552 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

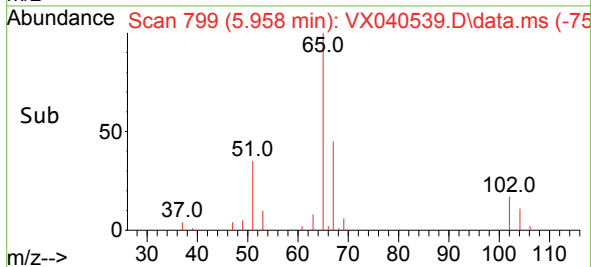
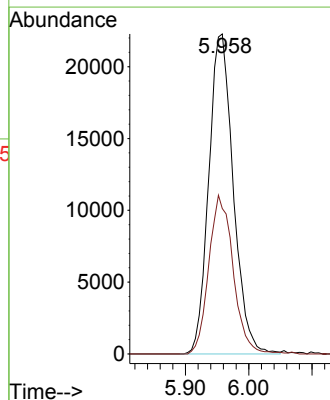
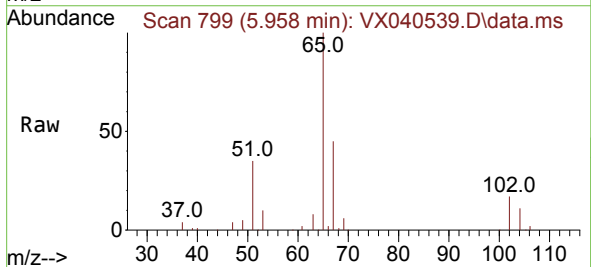
Instrument :
MSVOA_X
ClientSampleId :
IBLK

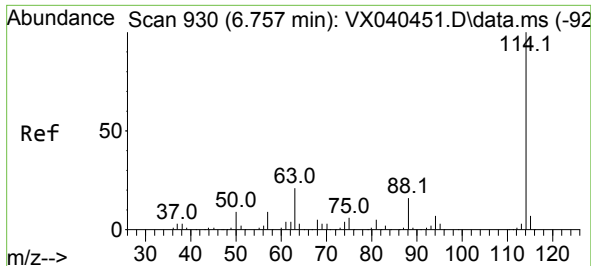
Tgt Ion: 56 Resp: 2118
Ion Ratio Lower Upper
56 100
69 137.0 23.4 35.2#
84 68.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.791 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

Tgt Ion: 65 Resp: 59965
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.2

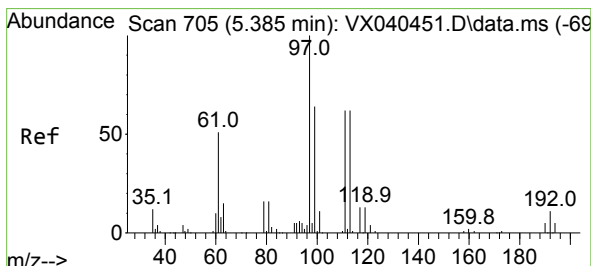
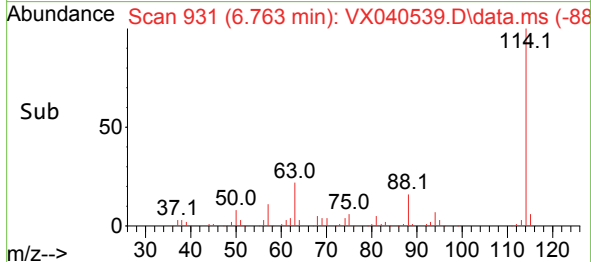
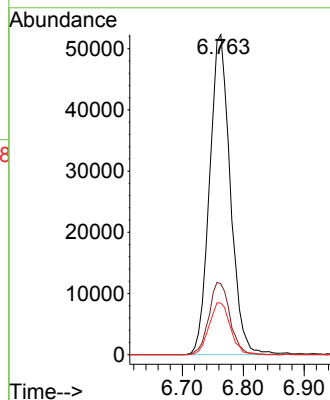
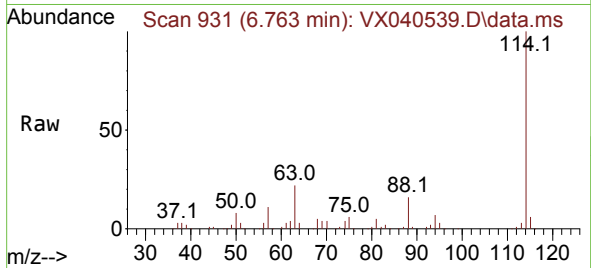




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

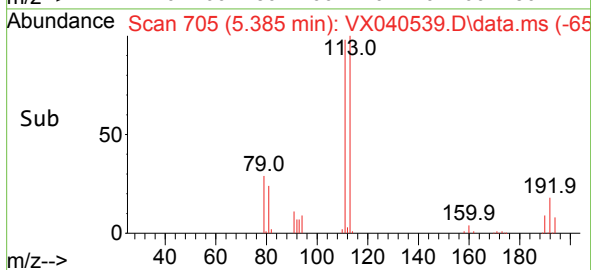
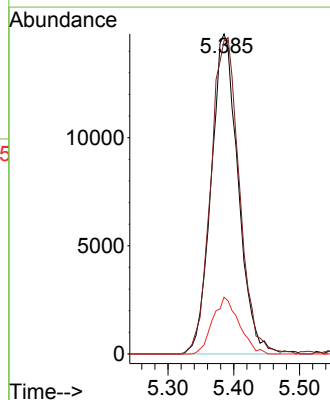
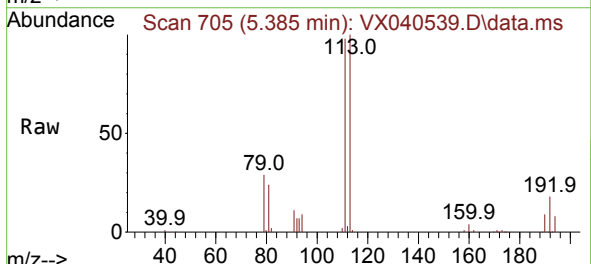
Instrument :
MSVOA_X
ClientSampleId :
IBLK

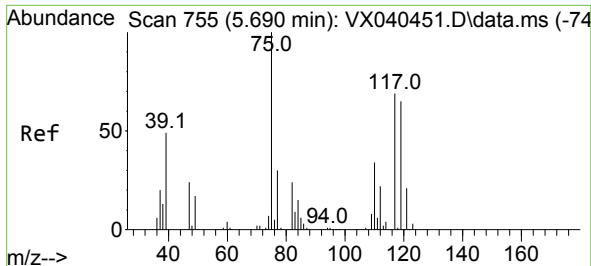
Tgt Ion:114 Resp: 123651
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.217 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

Tgt Ion:113 Resp: 42320
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 17.3 13.3 19.9

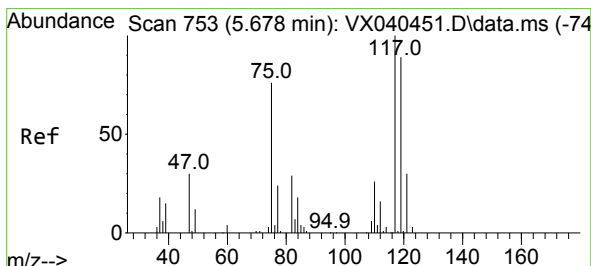
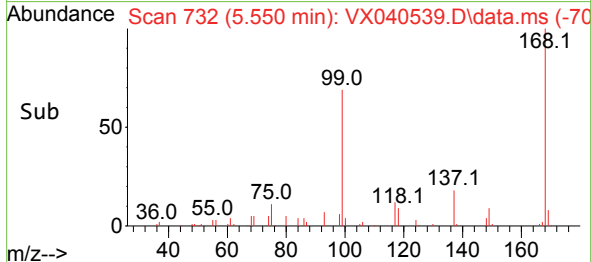
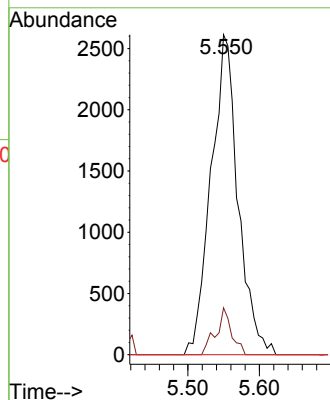
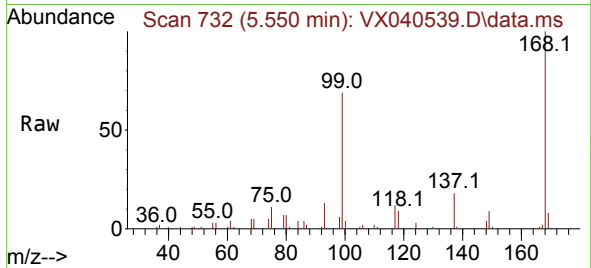




#36
1,1-Dichloropropene
Concen: 5.186 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

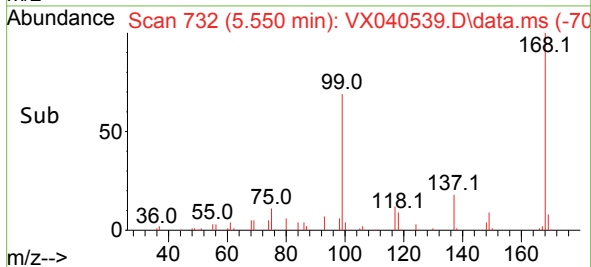
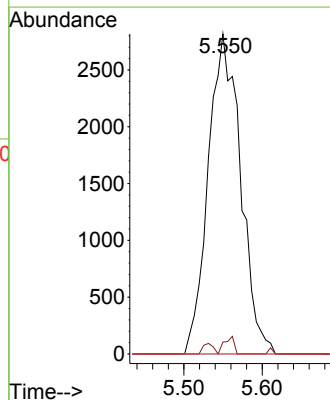
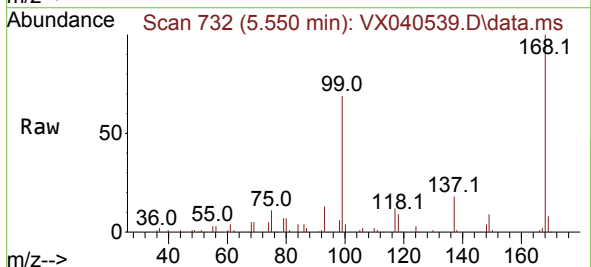
Instrument :
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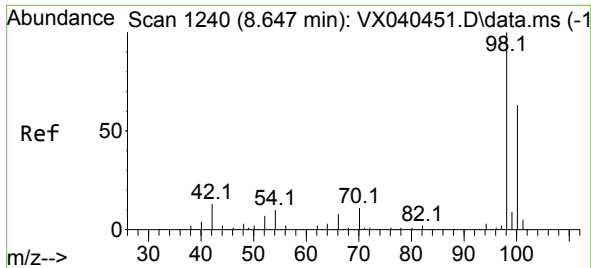
Tgt Ion: 75 Resp: 6870
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

Tgt Ion: 117 Resp: 8083
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

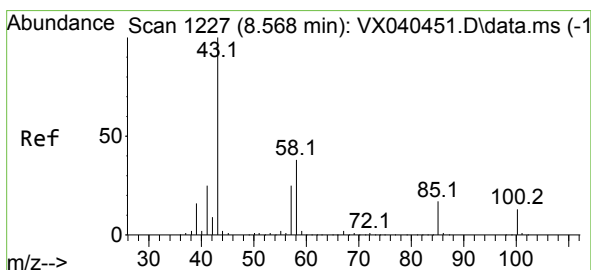
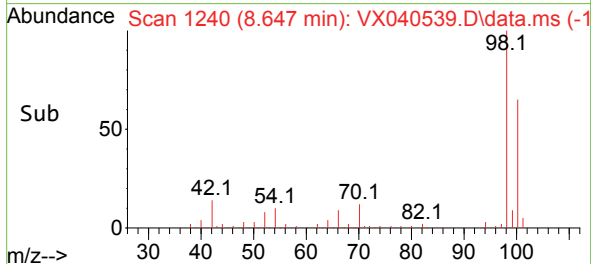
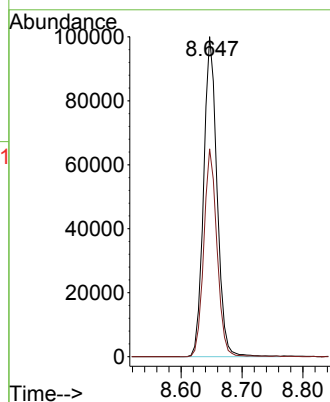
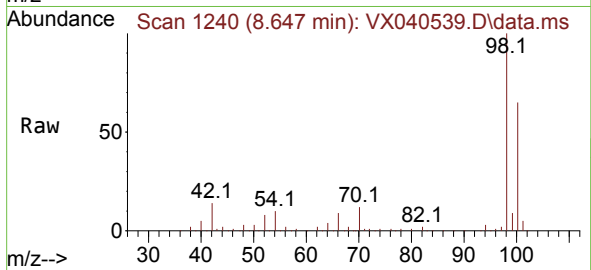




#50
Toluene-d8
Concen: 49.065 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

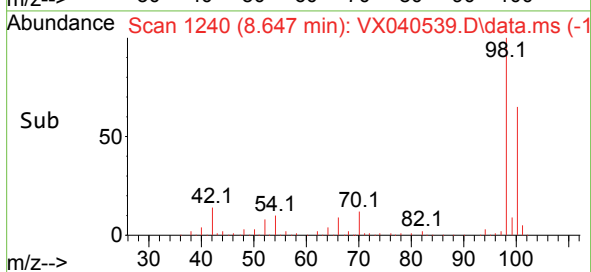
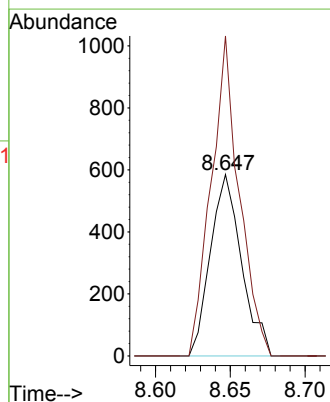
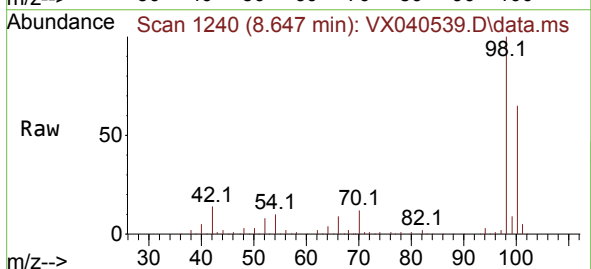
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IBLK

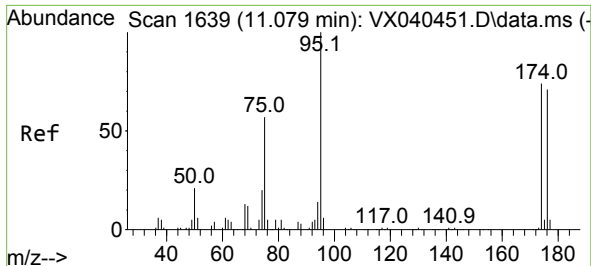
Tgt Ion: 98 Resp: 153141
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 159.4 30.4 45.6#

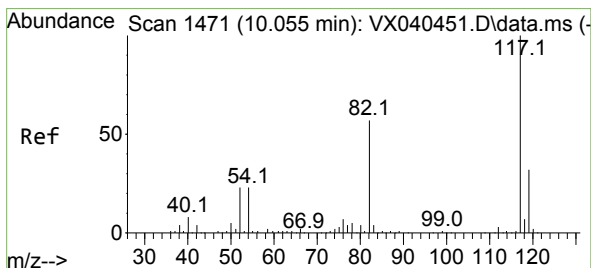
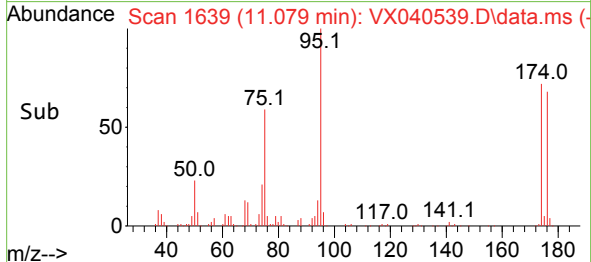
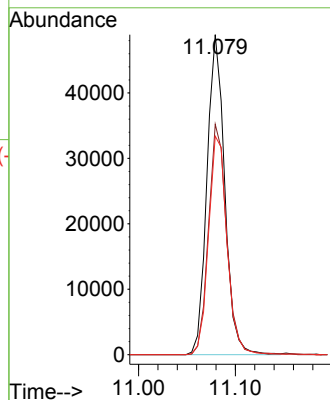
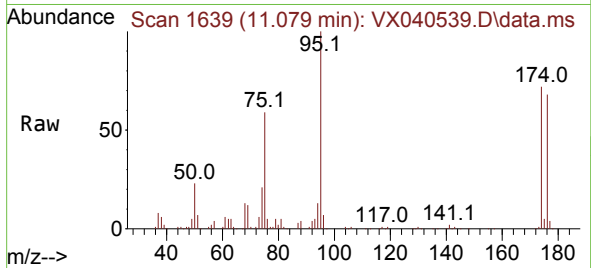




#62
4-Bromofluorobenzene
Concen: 52.544 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

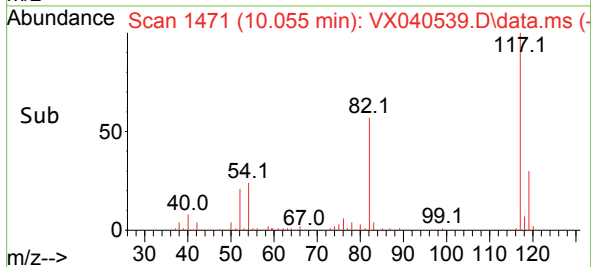
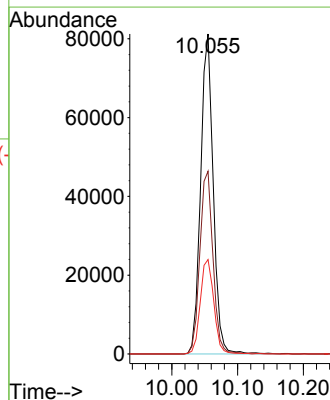
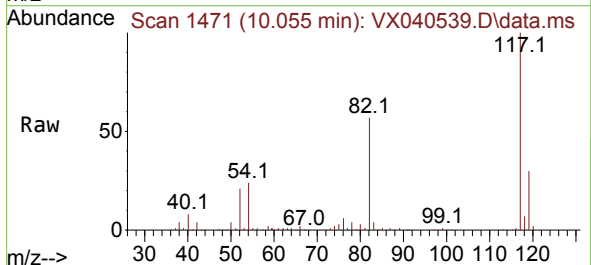
Instrument :
MSVOA_X
ClientSampleId :
IBLK

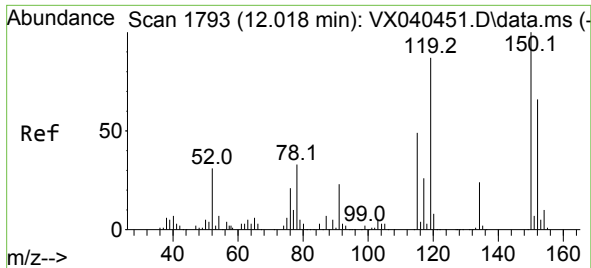
Tgt Ion: 95 Resp: 62515
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

Tgt Ion: 117 Resp: 108084
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 29.5 25.5 38.3

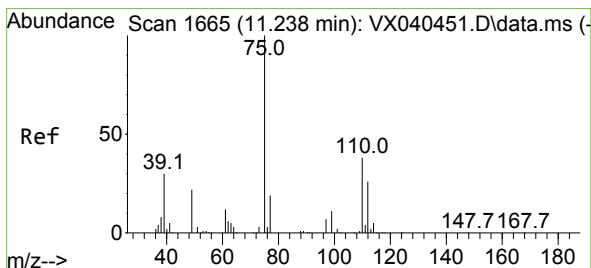
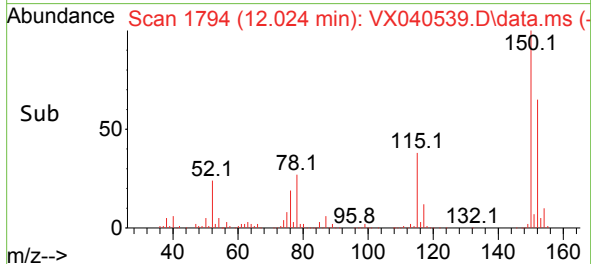
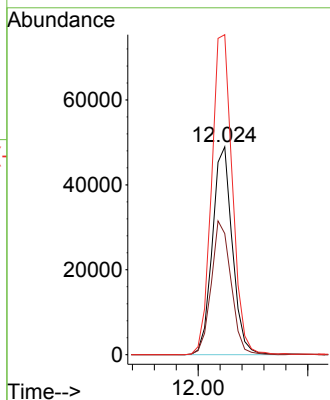
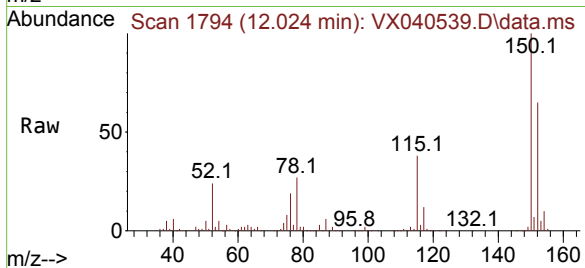




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

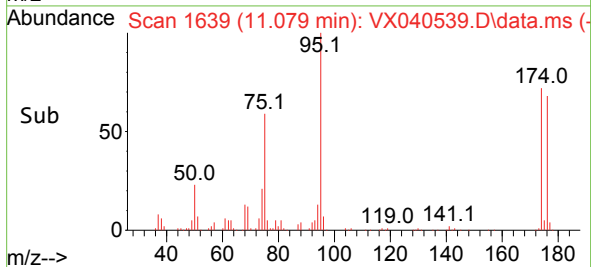
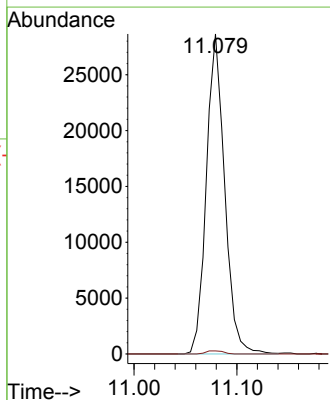
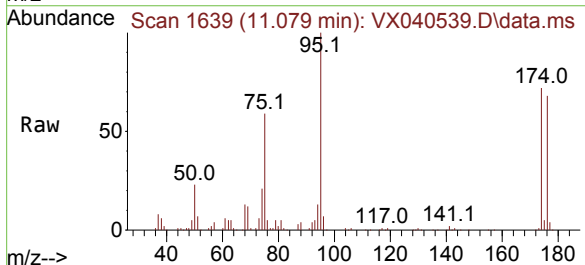
Instrument :
MSVOA_X
ClientSampleId :
IBLK

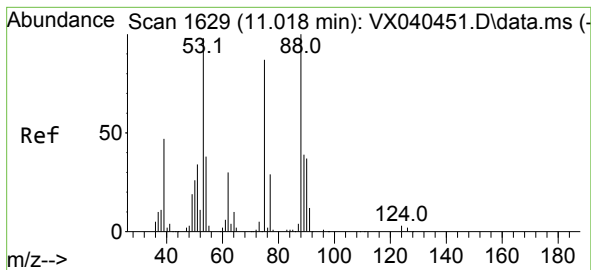
Tgt Ion:152 Resp: 62053
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 160.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040539.D
Acq: 29 Feb 2024 15:59

Tgt Ion: 75 Resp: 35485
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.638 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040539.D
 Acq: 29 Feb 2024 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 35485
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

