

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032624\
 Data File : VX040797.D
 Acq On : 26 Mar 2024 12:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 27 02:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

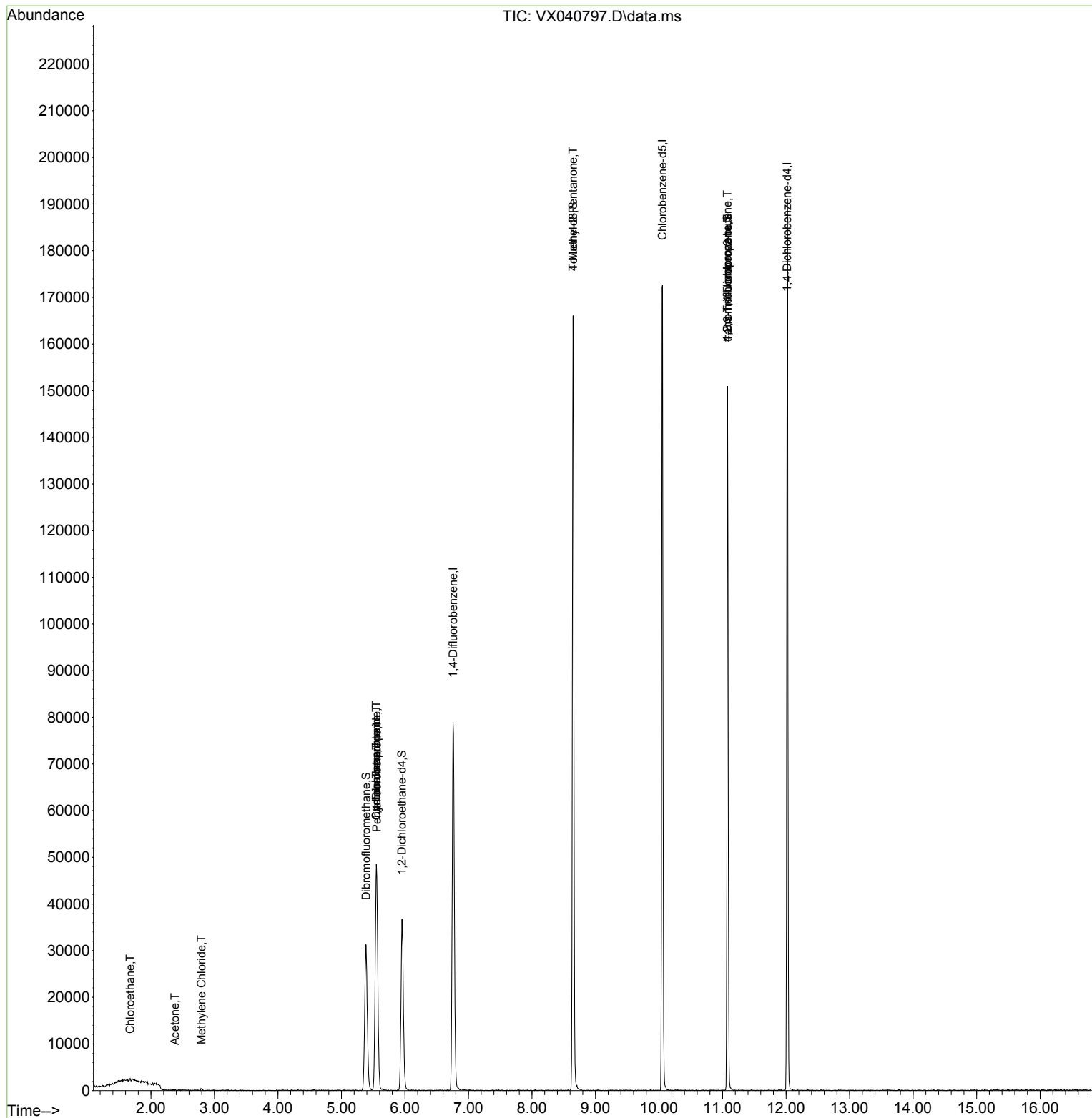
Internal Standards						
1) Pentafluorobenzene	5.556	168	43013	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	75696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	74669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	35670	49.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.385	113	26210	46.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	95905	49.451	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	36573	47.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.460%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	443	1.169	ug/l	97
16) Acetone	2.380	43	81	0.316	ug/l #	47
20) Methylene Chloride	2.794	84	154	0.275	ug/l #	41
31) Cyclohexane	5.550	56	1228	1.429	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	4020	4.820	ug/l #	50
38) Carbon Tetrachloride	5.550	117	4734	5.043	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	510	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	21105	27.637	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	21105	69.917	ug/l #	5

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

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IBLK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

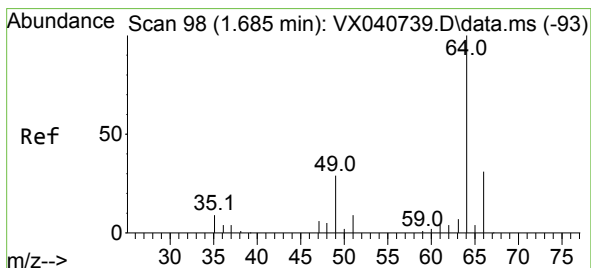
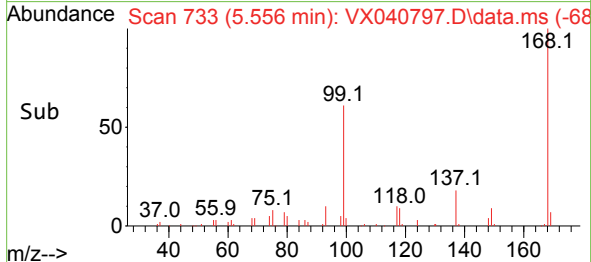
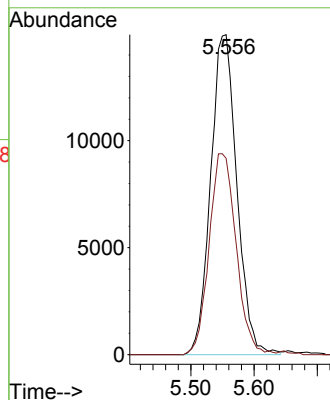
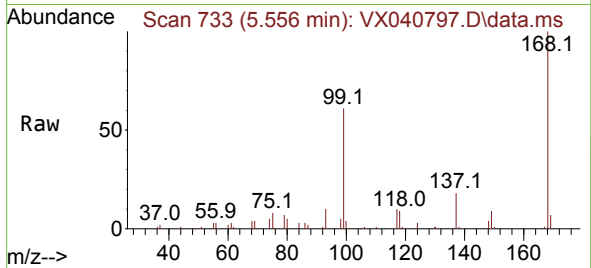




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

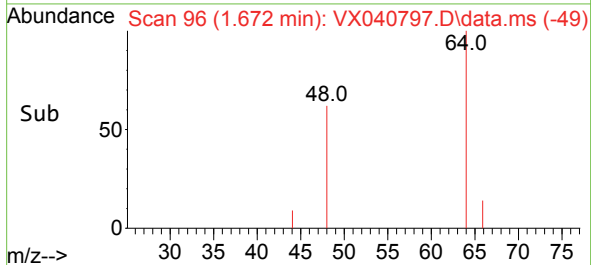
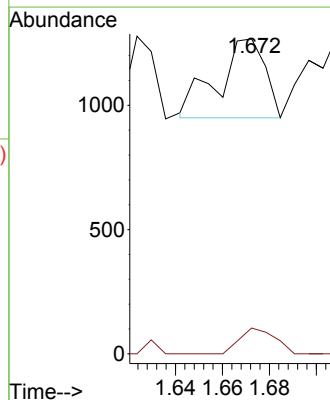
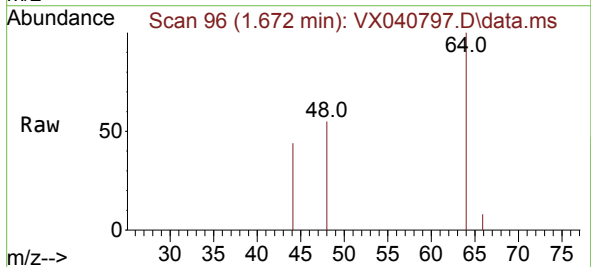
Instrument :
MSVOA_X
ClientSampleId :
IBLK

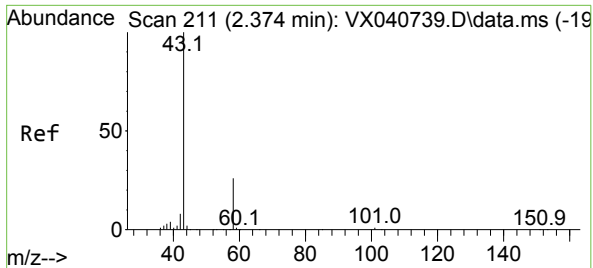
Tgt Ion:168 Resp: 43013
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#6
Chloroethane
Concen: 1.169 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

Tgt Ion: 64 Resp: 443
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7

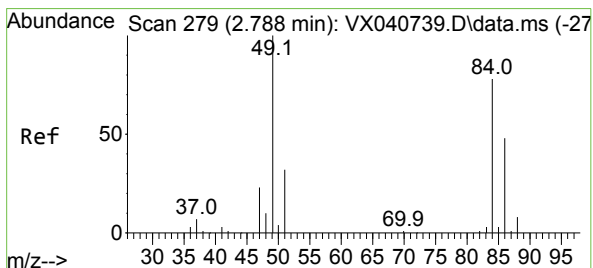
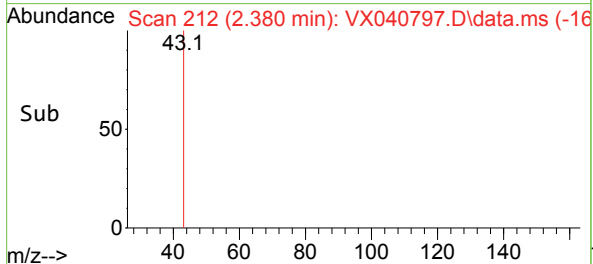
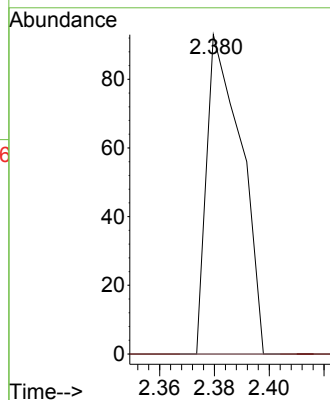
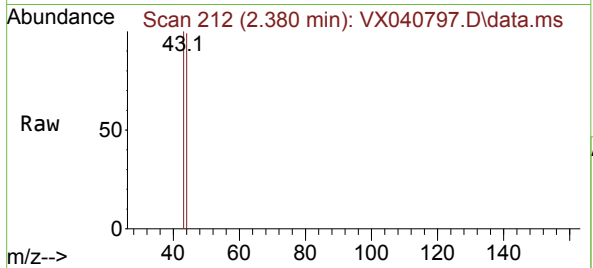




#16
Acetone
Concen: 0.316 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

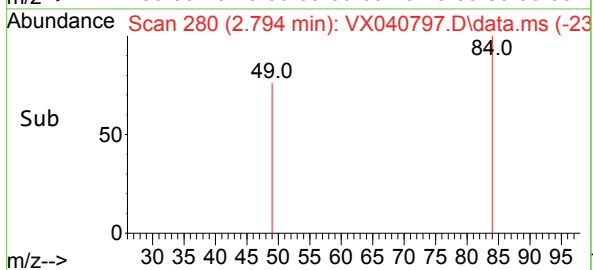
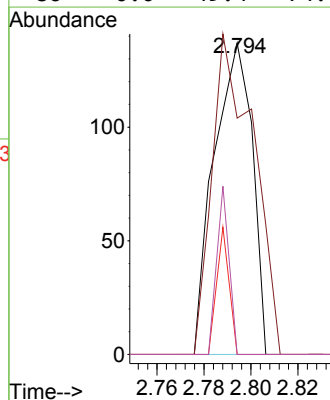
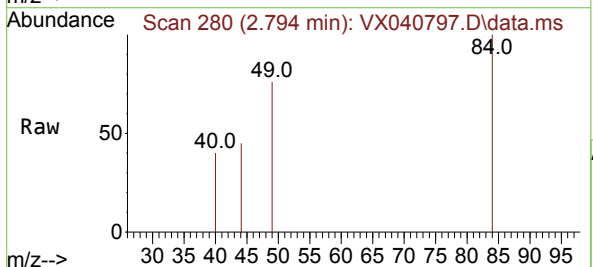
Instrument :
MSVOA_X
ClientSampleId :
IBLK

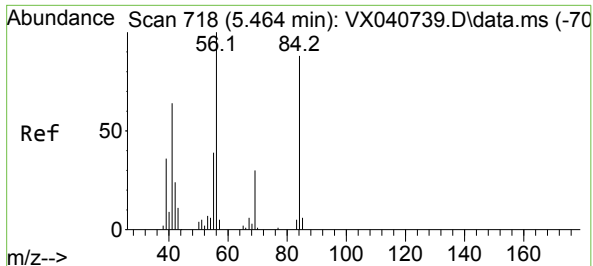
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

Tgt Ion: 84 Resp: 154
Ion Ratio Lower Upper
84 100
49 75.9 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#

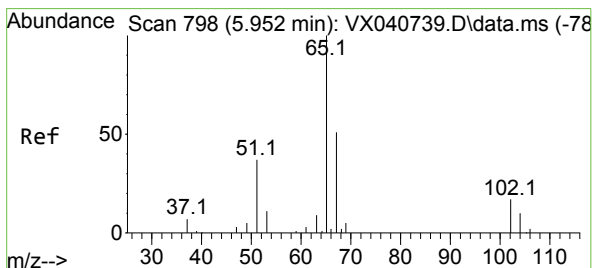
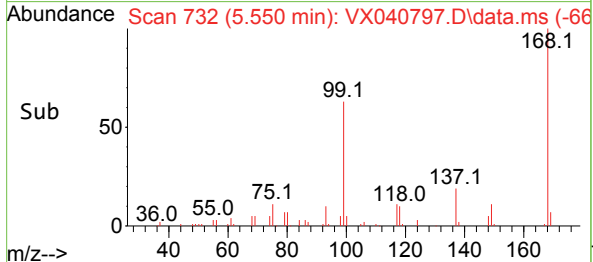
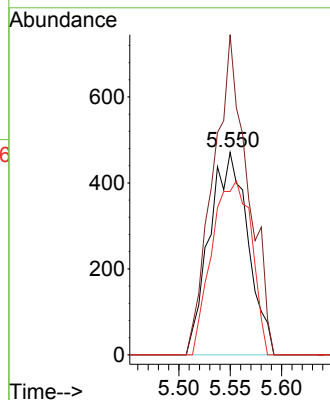
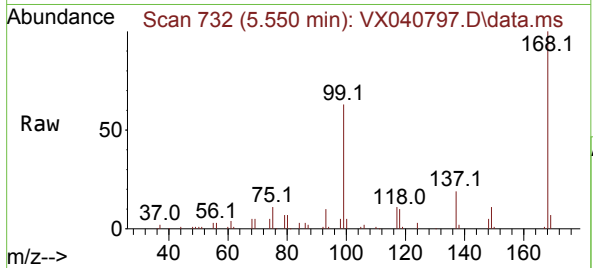




#31
Cyclohexane
Concen: 1.429 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

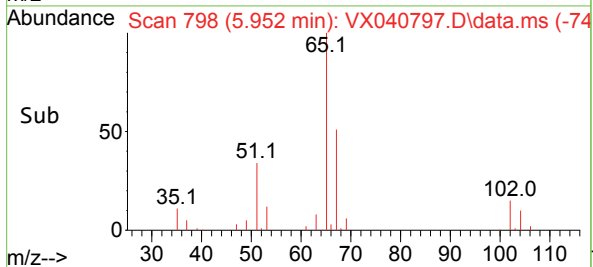
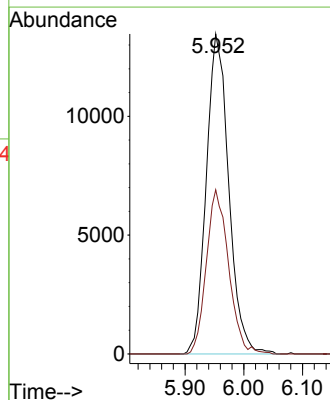
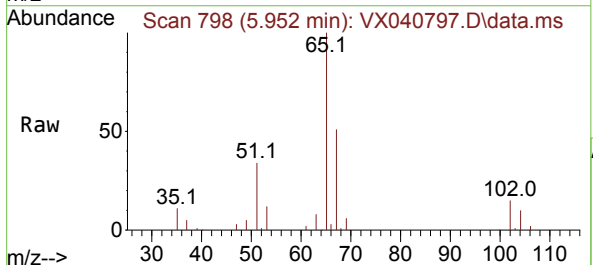
Instrument :
MSVOA_X
ClientSampleId :
IBLK

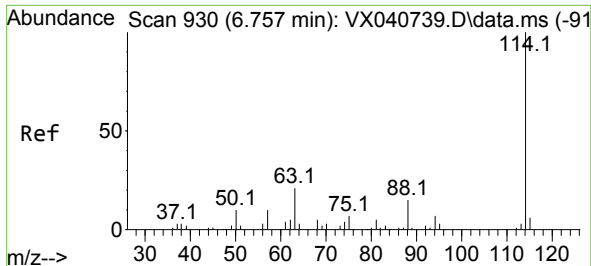
Tgt Ion: 56 Resp: 1228
Ion Ratio Lower Upper
56 100
69 158.2 23.4 35.2#
84 80.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.320 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

Tgt Ion: 65 Resp: 35670
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

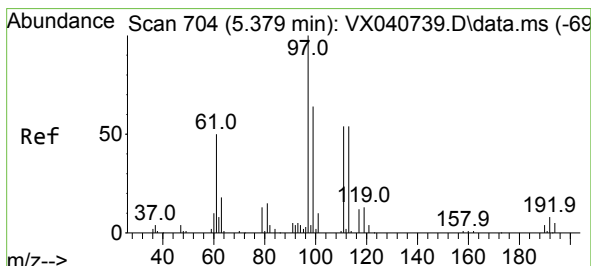
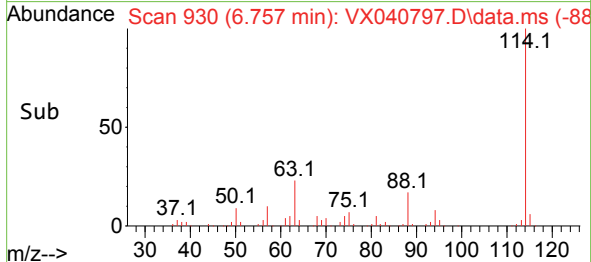
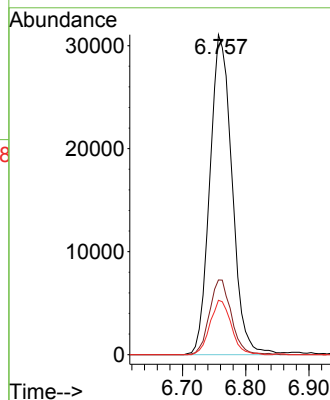
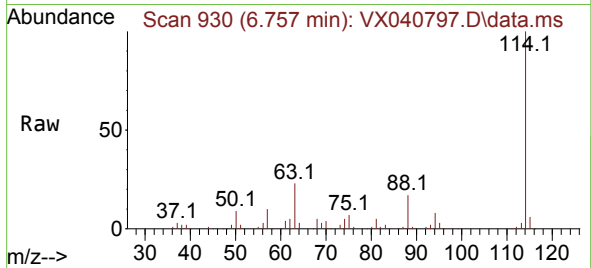




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

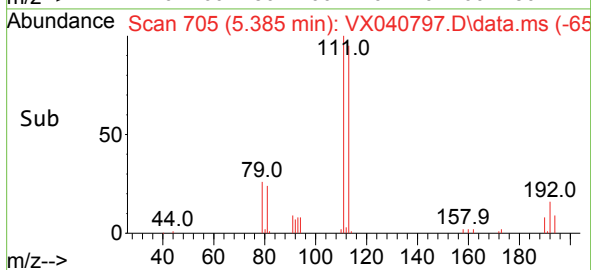
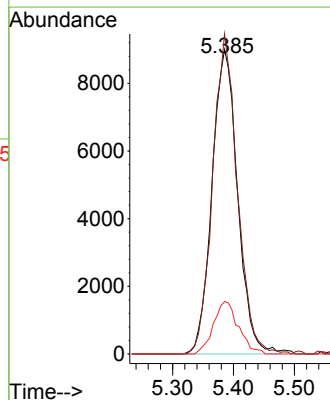
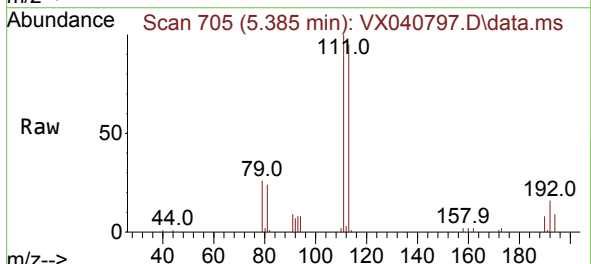
Instrument :
MSVOA_X
ClientSampleId :
IBLK

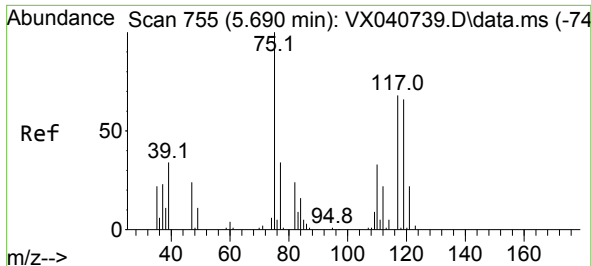
Tgt Ion:114 Resp: 75696
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.275 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

Tgt Ion:113 Resp: 26210
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 16.9 13.3 19.9

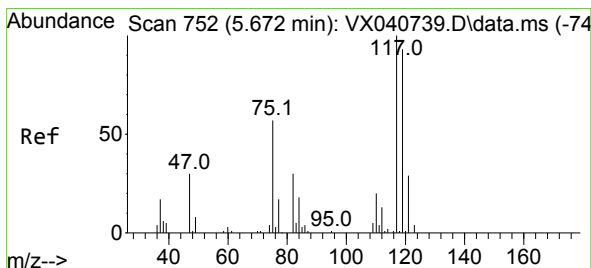
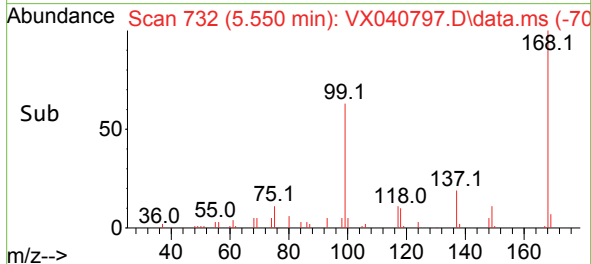
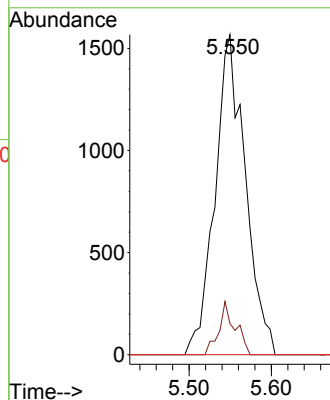
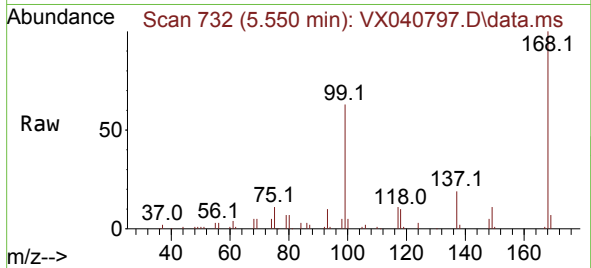




#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

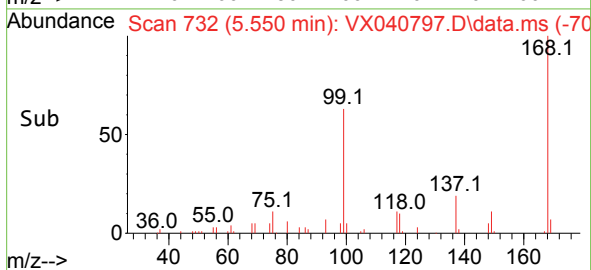
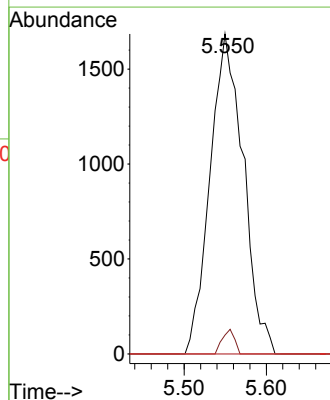
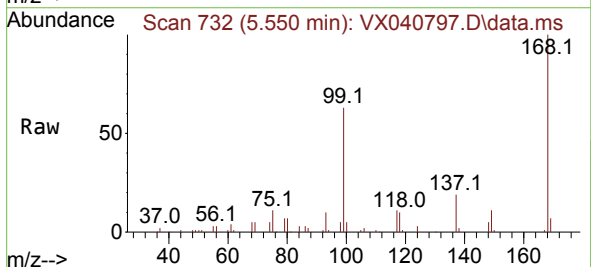
Instrument :
MSVOA_X
ClientSampleId :
IBLK

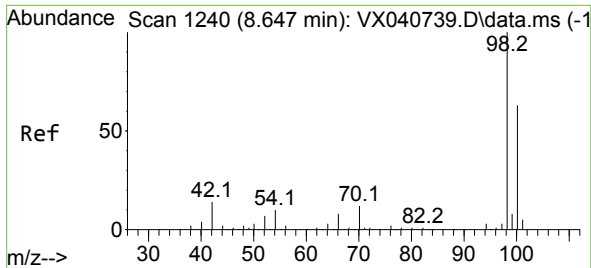
Tgt Ion: 75 Resp: 4020
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.043 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

Tgt Ion: 117 Resp: 4734
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

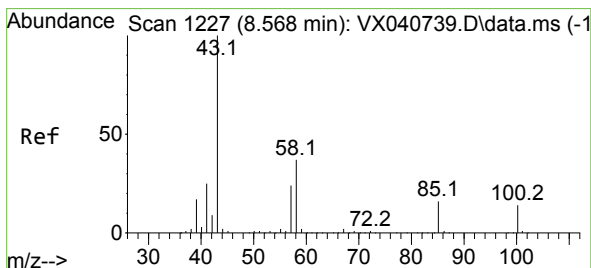
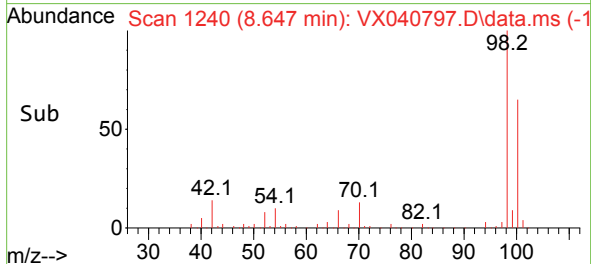
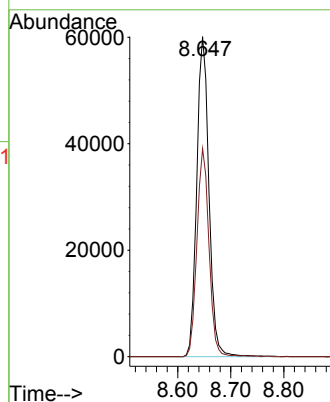
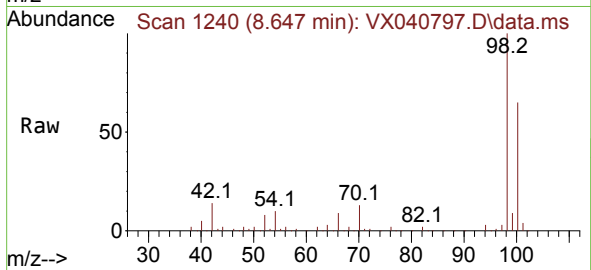




#50
Toluene-d8
Concen: 49.451 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

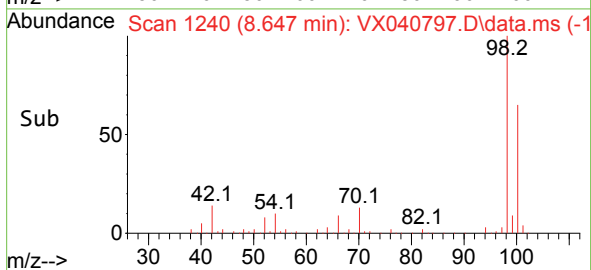
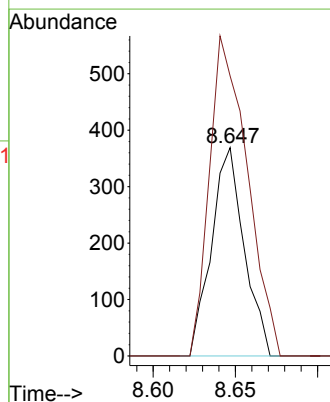
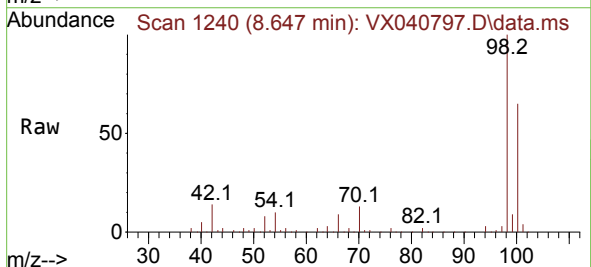
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MSVOA_X
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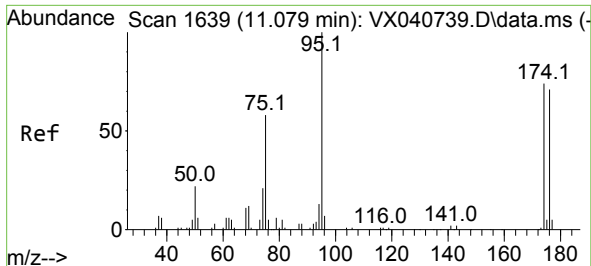
Tgt Ion: 98 Resp: 95905
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX040797.D
Acq: 26 Mar 2024 12:27

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 177.8 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 47.731 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040797.D

Acq: 26 Mar 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

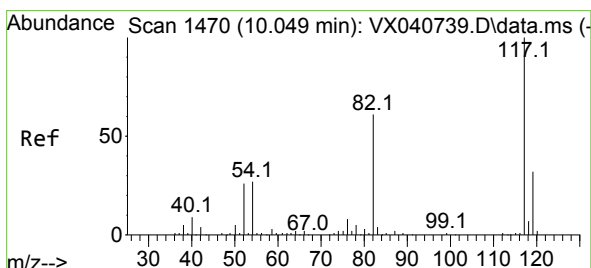
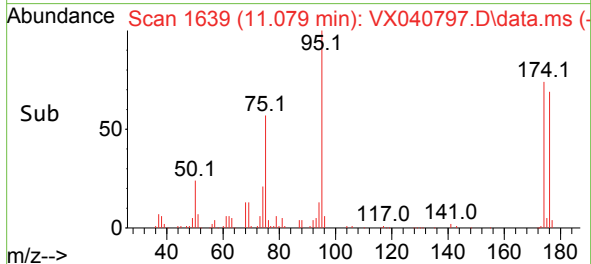
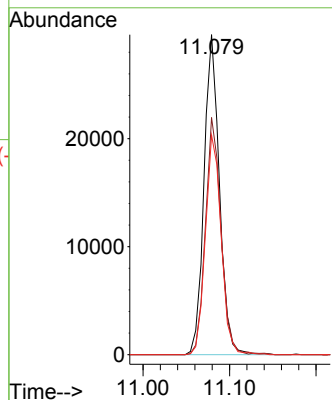
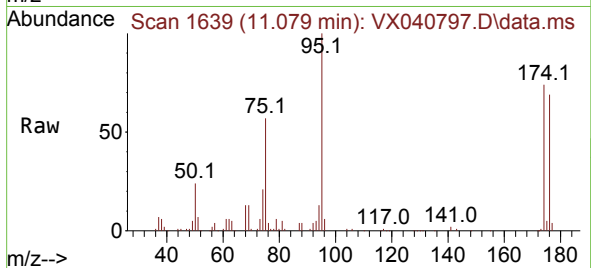
Tgt Ion: 95 Resp: 36573

Ion Ratio Lower Upper

95 100

174 74.7 0.0 135.6

176 70.3 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX040797.D

Acq: 26 Mar 2024 12:27

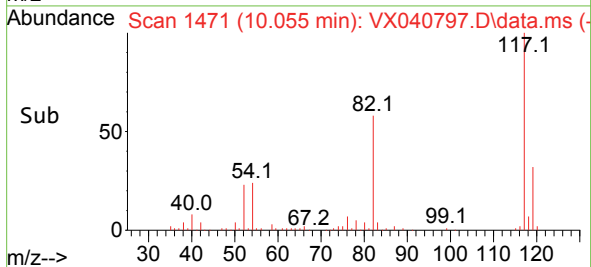
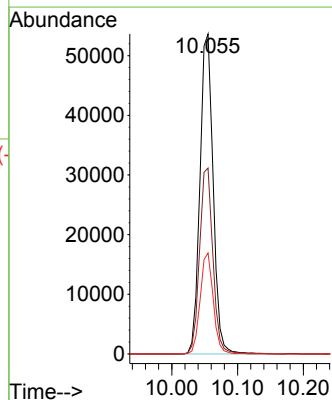
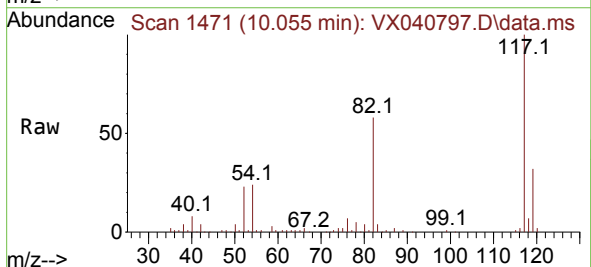
Tgt Ion: 117 Resp: 74669

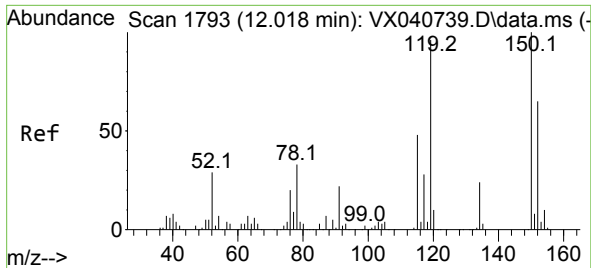
Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 31.6 25.5 38.3

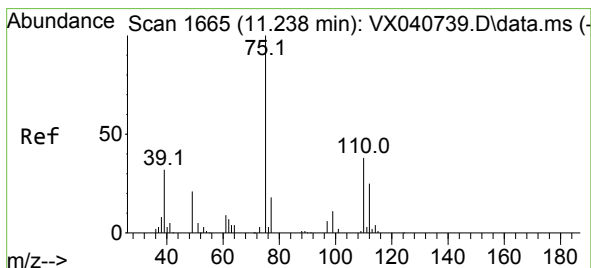
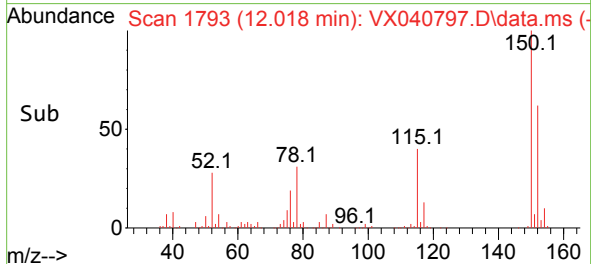
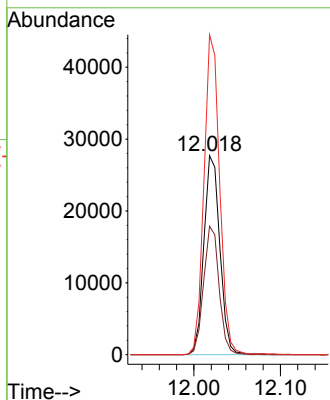
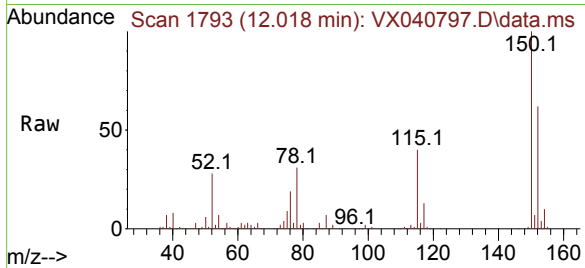




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040797.D
 Acq: 26 Mar 2024 12:27

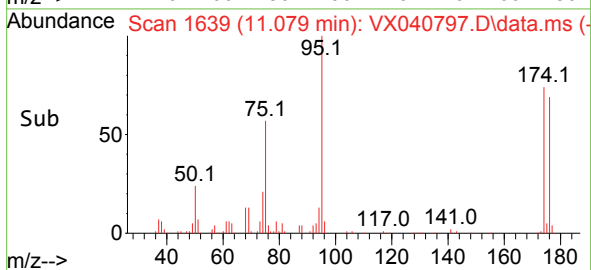
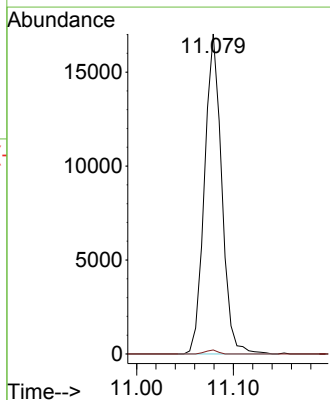
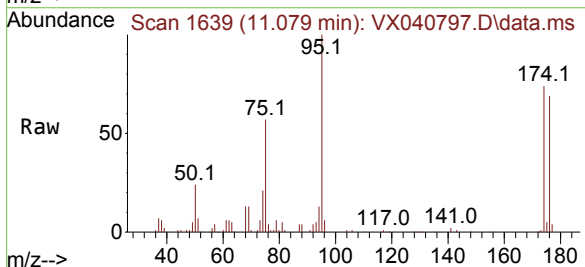
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

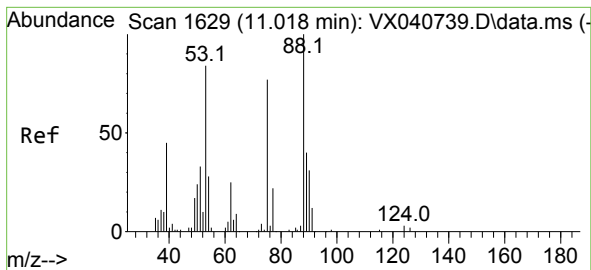
Tgt Ion:152 Resp: 35506
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.637 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040797.D
 Acq: 26 Mar 2024 12:27

Tgt Ion: 75 Resp: 21105
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.917 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040797.D
 Acq: 26 Mar 2024 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 21105
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

