

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040816.D
 Acq On : 27 Mar 2024 16:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 28 03:57:14 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)

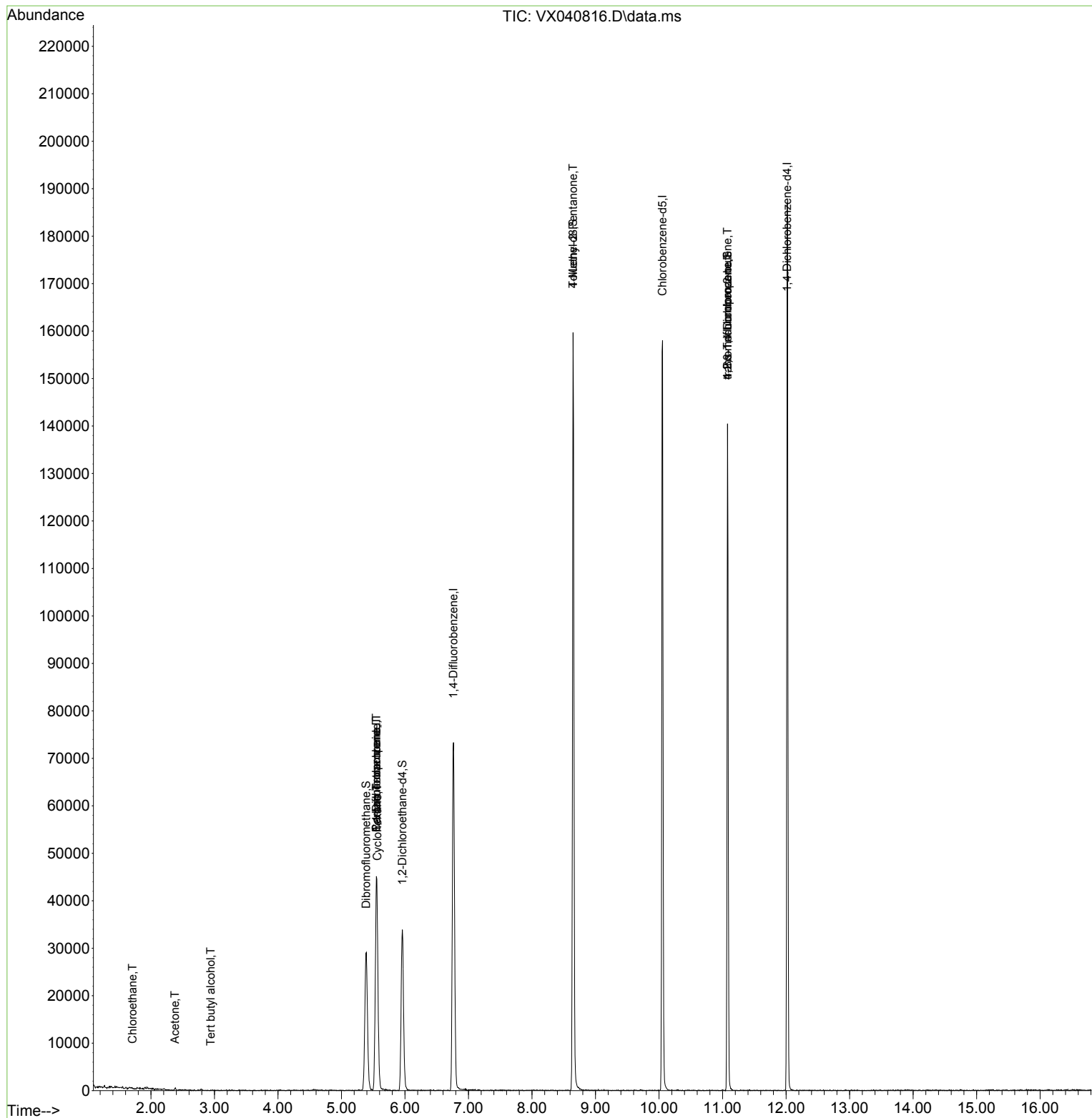
Internal Standards						
1) Pentafluorobenzene	5.550	168	39326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	71908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	34934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34333	51.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.840%
35) Dibromofluoromethane	5.385	113	24401	45.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	8.647	98	90075	48.891	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.780%
62) 4-Bromofluorobenzene	11.079	95	34574	47.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	81	0.234	ug/l #	43
11) Tert butyl alcohol	2.940	59	24	0.227	ug/l #	78
16) Acetone	2.380	43	508	2.169	ug/l #	89
31) Cyclohexane	5.562	56	1116	1.420	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	3916	4.943	ug/l #	50
38) Carbon Tetrachloride	5.550	117	4399	4.933	ug/l #	11
51) 4-Methyl-2-Pentanone	8.647	43	441	0.503	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	20120	26.779	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	20120	67.745	ug/l #	5

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

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Instrument :
MSVOA_X
ClientSampleId :
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

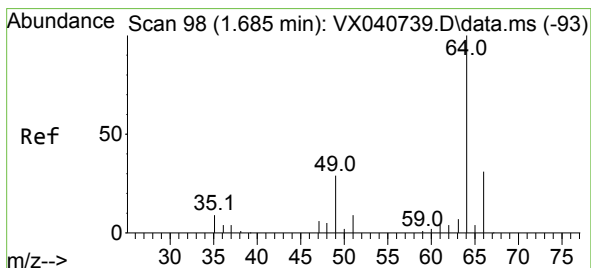
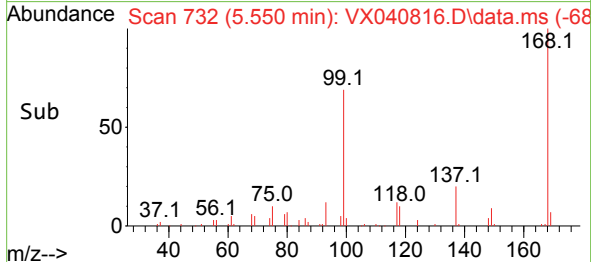
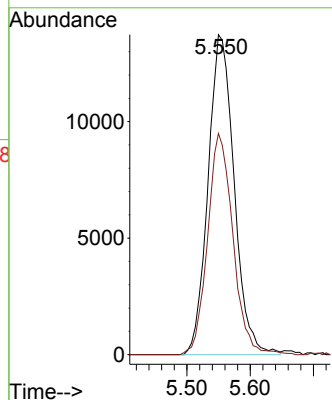
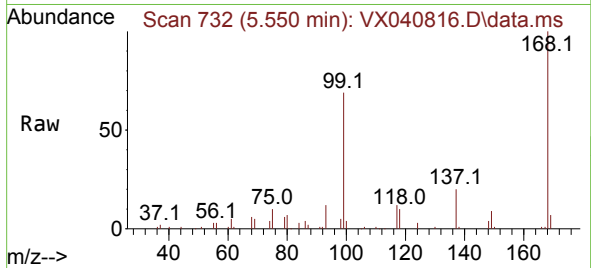




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

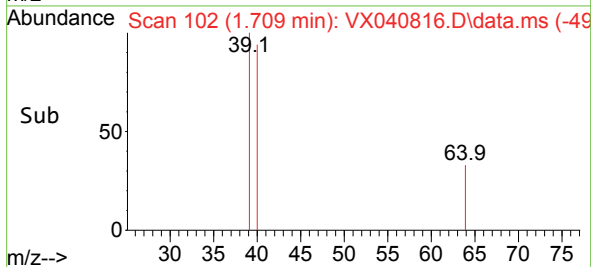
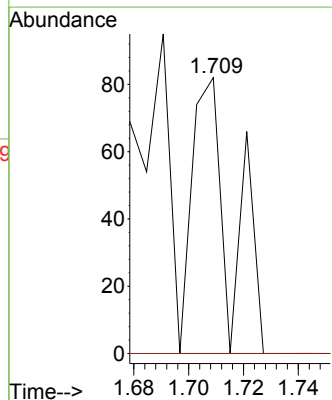
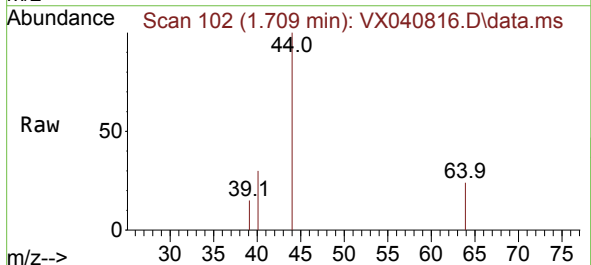
Instrument :
MSVOA_X
ClientSampleId :
IBLK

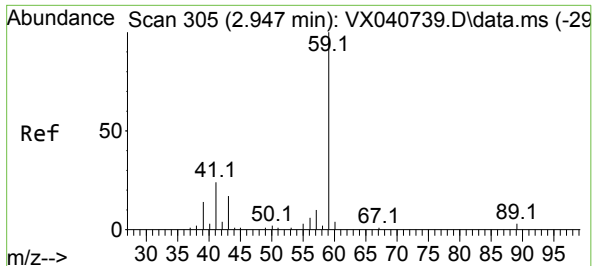
Tgt Ion:168 Resp: 39326
Ion Ratio Lower Upper
168 100
99 69.1 56.6 85.0



#6
Chloroethane
Concen: 0.234 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

Tgt Ion: 64 Resp: 81
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

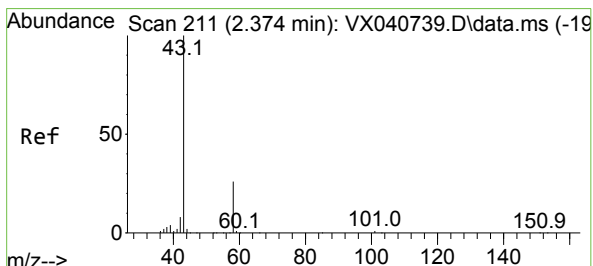
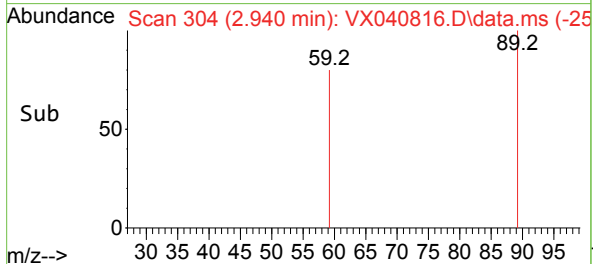
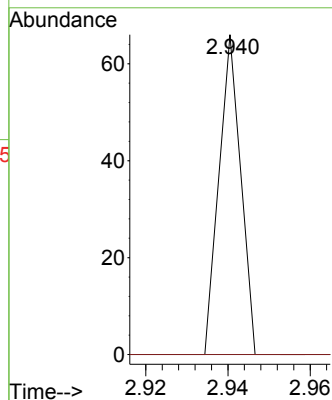
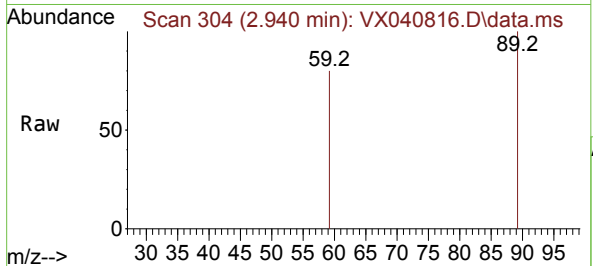




#11
Tert butyl alcohol
Concen: 0.227 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.007 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

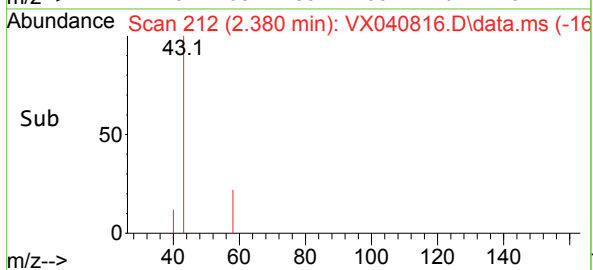
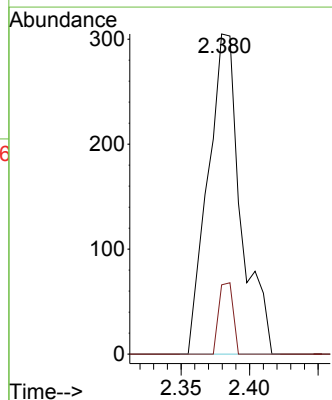
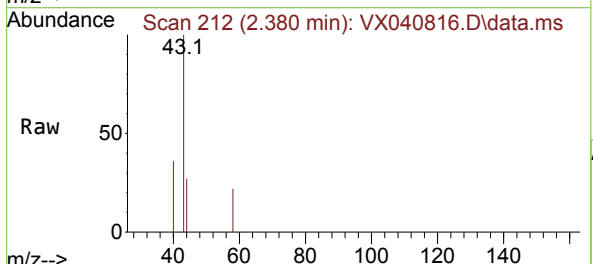
Instrument :
MSVOA_X
ClientSampleId :
IBLK

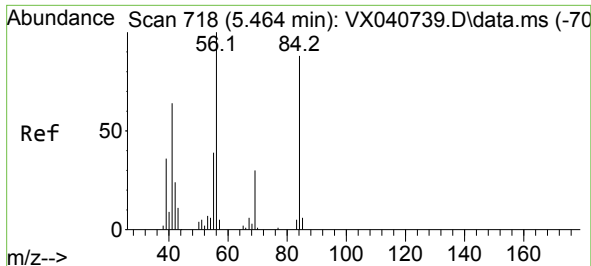
Tgt Ion: 59 Resp: 24
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 2.169 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
58 21.6 21.9 32.9#

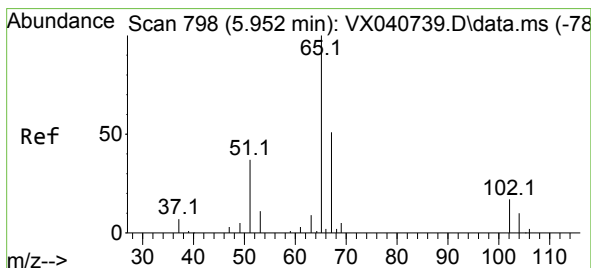
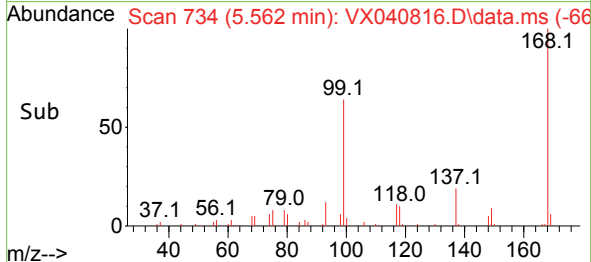
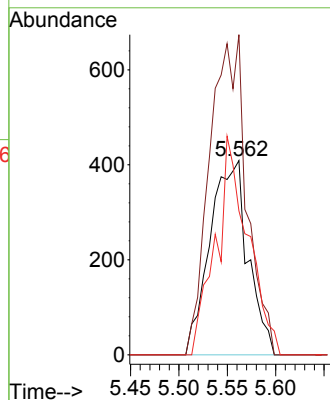
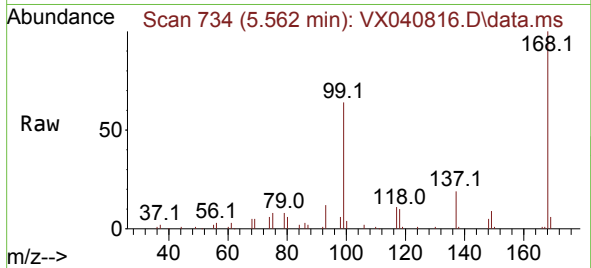




#31
Cyclohexane
Concen: 1.420 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.098 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

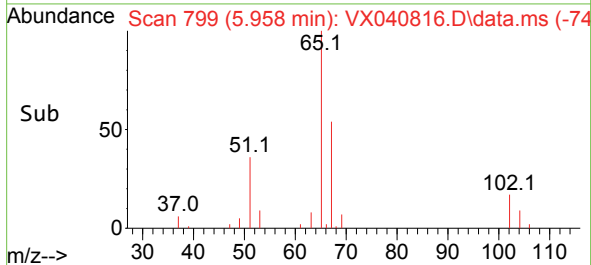
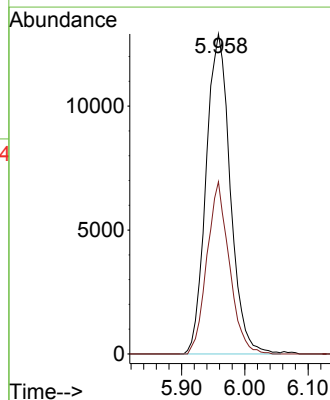
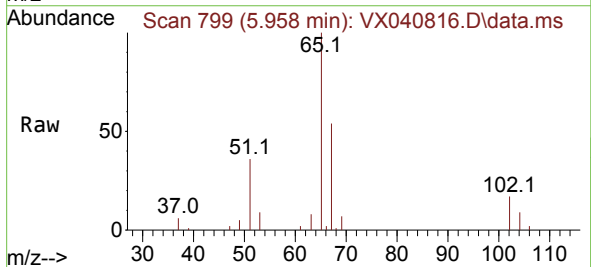
Instrument :
MSVOA_X
ClientSampleId :
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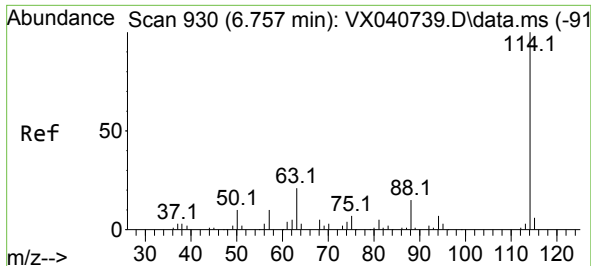
Tgt Ion: 56 Resp: 1116
Ion Ratio Lower Upper
56 100
69 164.8 23.4 35.2#
84 74.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 51.922 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

Tgt Ion: 65 Resp: 34333
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.2

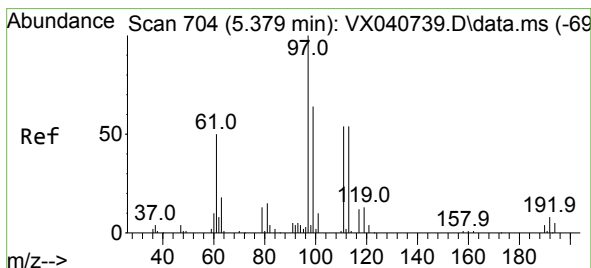
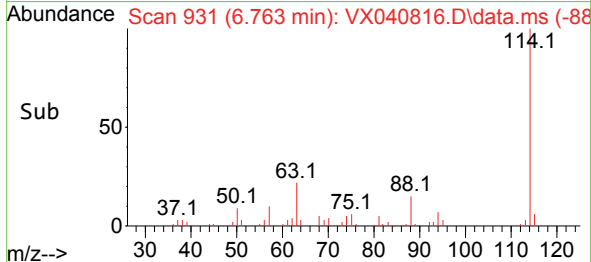
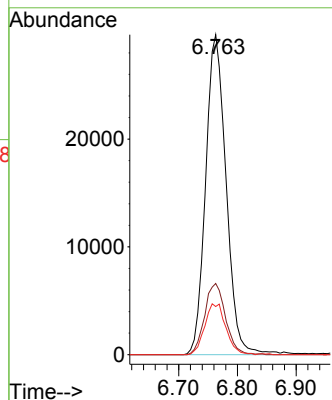
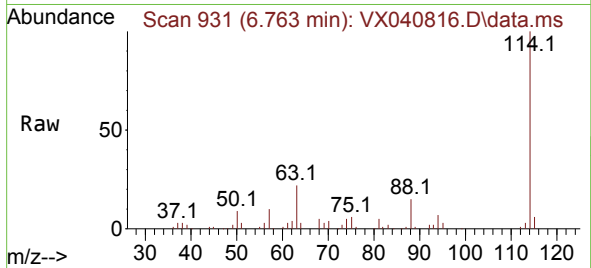




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

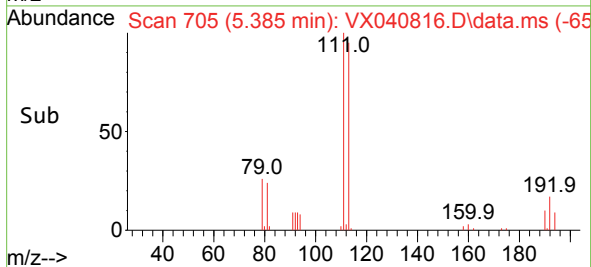
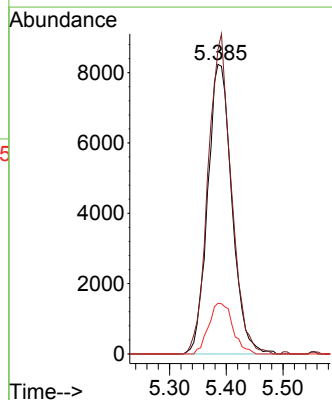
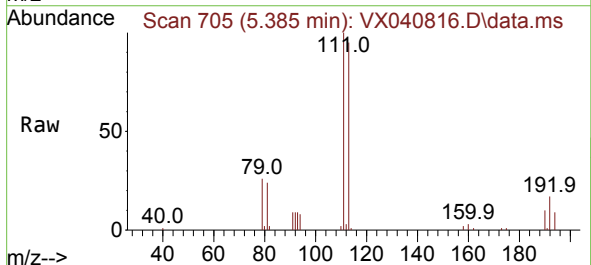
Instrument :
MSVOA_X
ClientSampleId :
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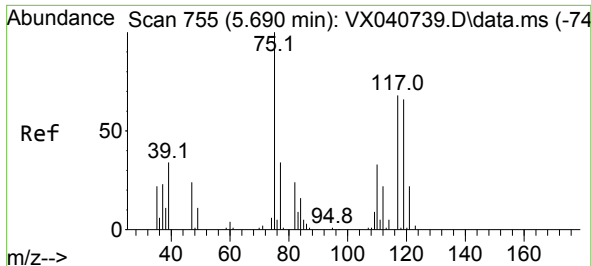
Tgt Ion:114 Resp: 71908
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.350 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

Tgt Ion:113 Resp: 24401
Ion Ratio Lower Upper
113 100
111 105.7 82.9 124.3
192 17.5 13.3 19.9

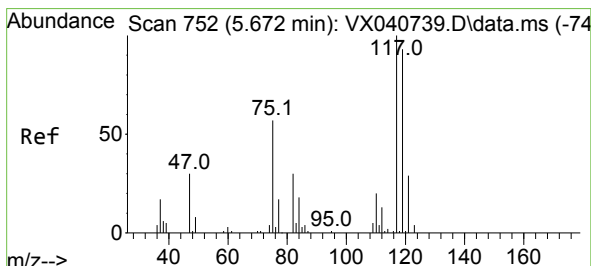
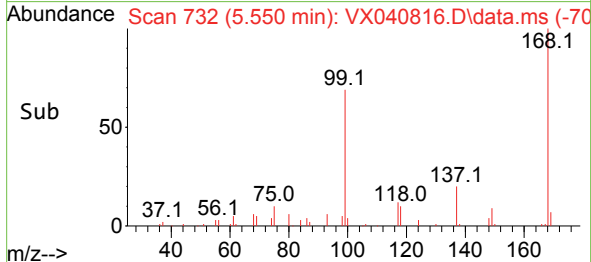
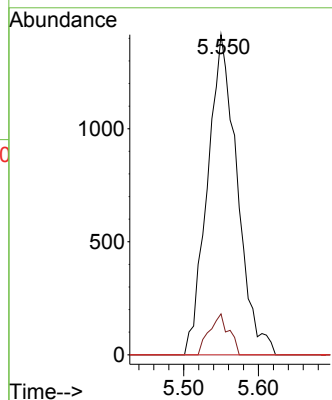
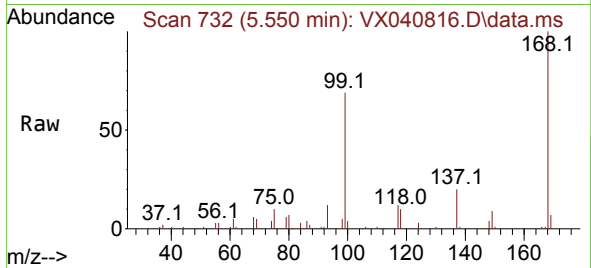




#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

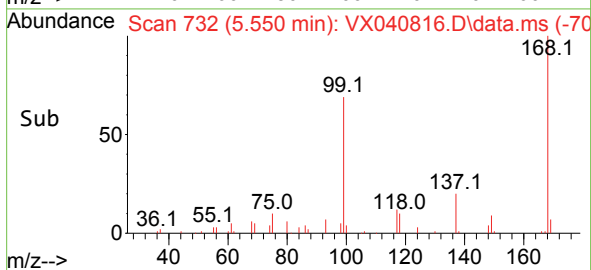
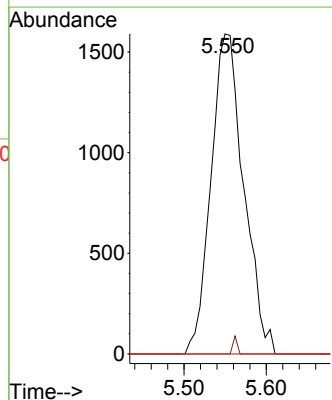
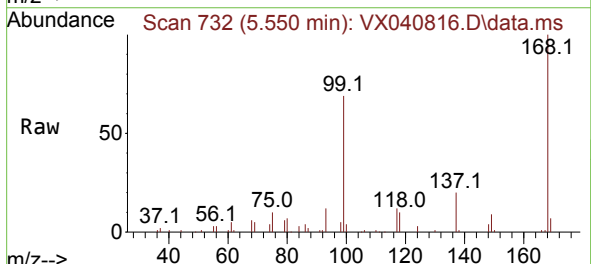
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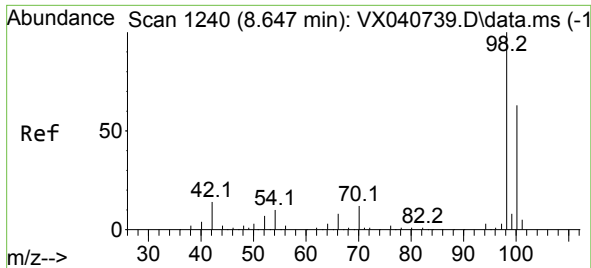
Tgt Ion: 75 Resp: 3916
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.933 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

Tgt Ion: 117 Resp: 4399
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#

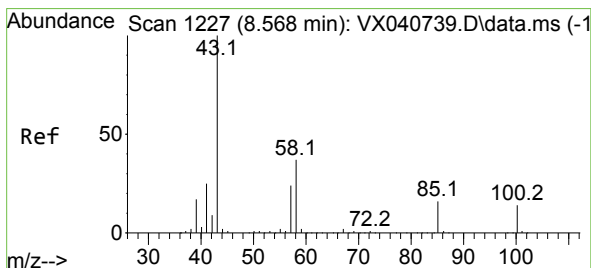
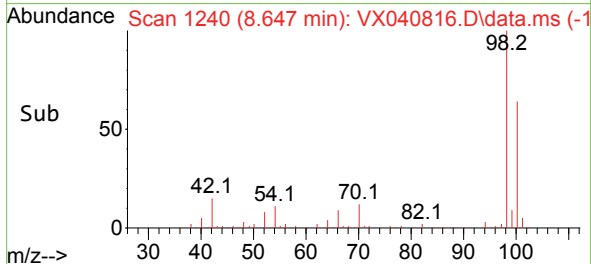
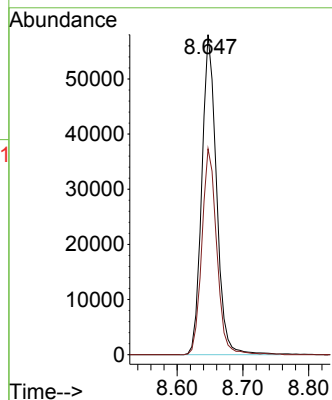
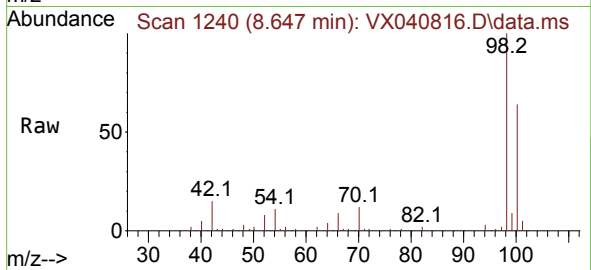




#50
Toluene-d8
Concen: 48.891 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

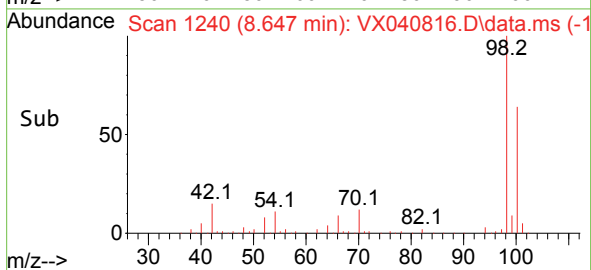
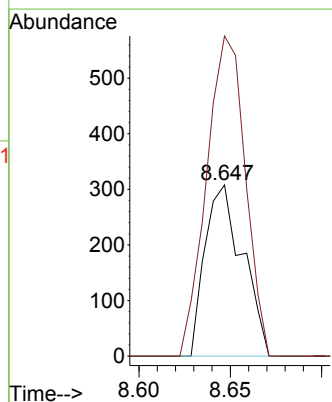
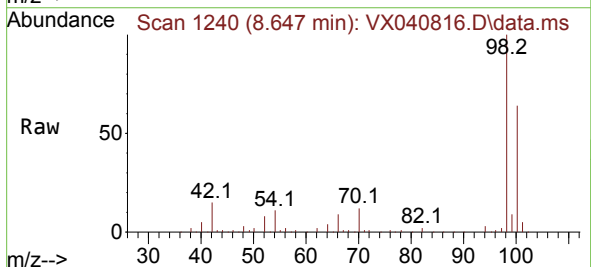
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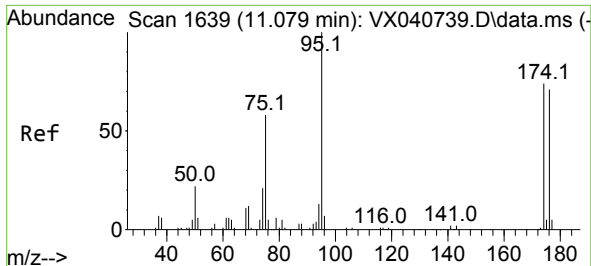
Tgt Ion: 98 Resp: 90075
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
58 192.7 30.4 45.6#

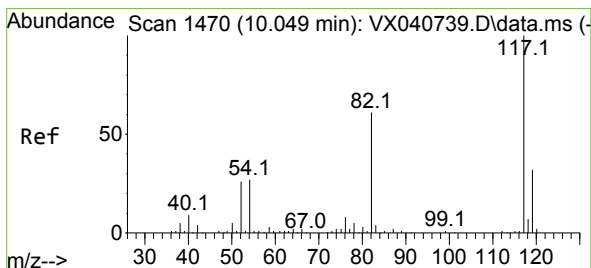
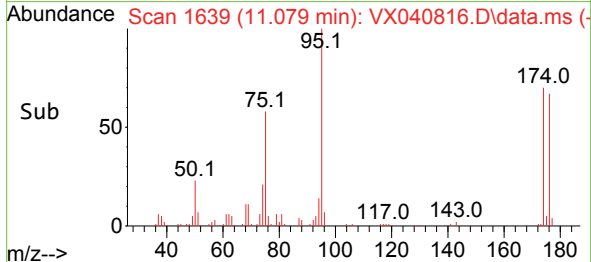
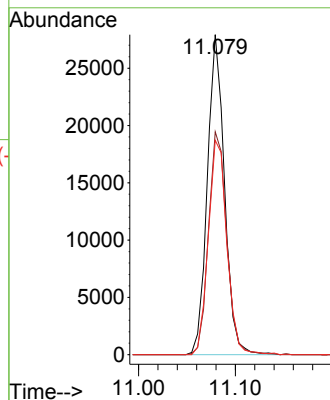
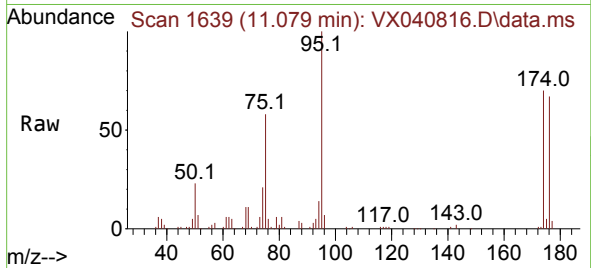




#62
4-Bromofluorobenzene
Concen: 47.499 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

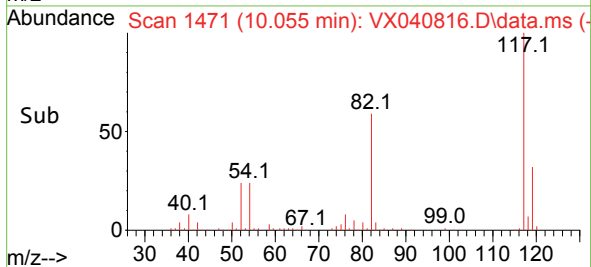
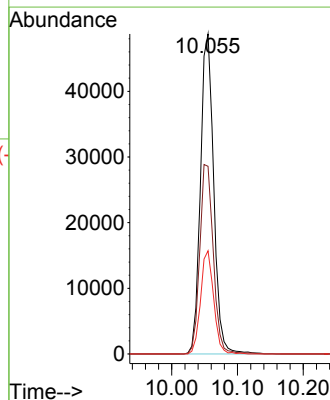
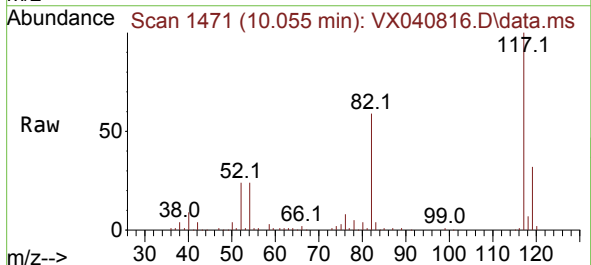
Instrument :
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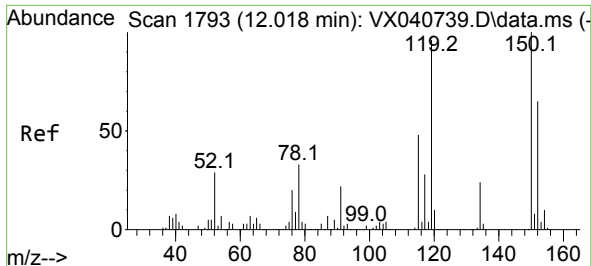
Tgt Ion: 95 Resp: 34574
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 72.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

Tgt Ion: 117 Resp: 68134
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.3 25.5 38.3

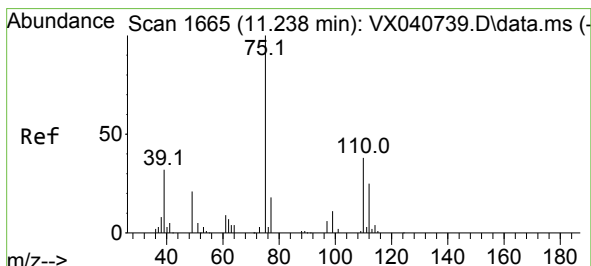
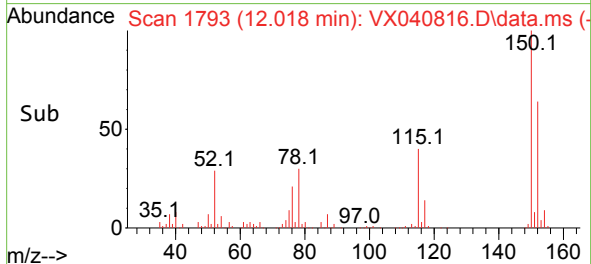
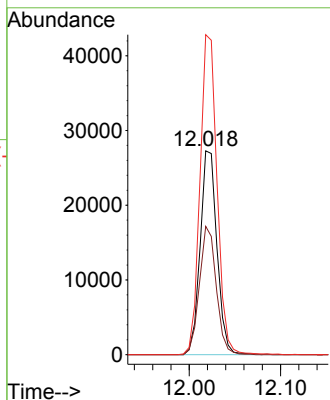
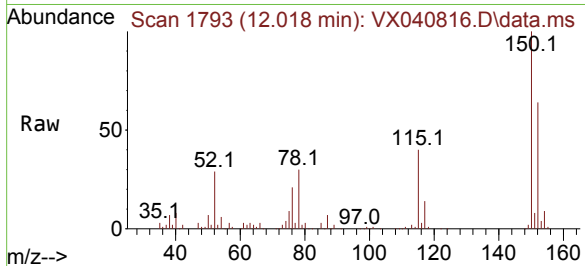




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

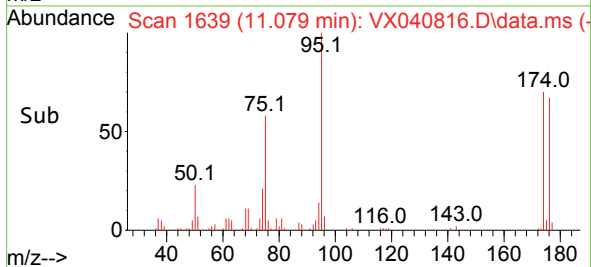
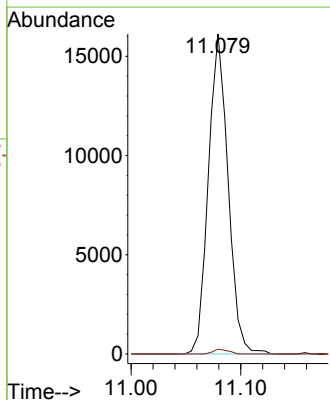
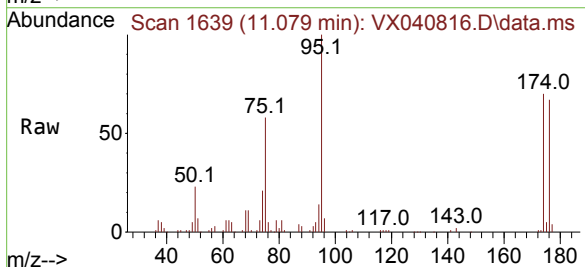
Instrument :
MSVOA_X
ClientSampleId :
IBLK

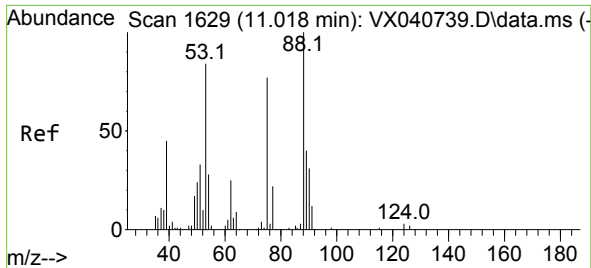
Tgt Ion:152 Resp: 34934
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 159.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040816.D
Acq: 27 Mar 2024 16:19

Tgt Ion: 75 Resp: 20120
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.745 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040816.D
 Acq: 27 Mar 2024 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 20120
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

