

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040482.D
 Acq On : 27 Feb 2024 12:21
 Operator : JC/MD
 Sample : P1578-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20240221

Quant Time: Feb 28 02:01:21 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)

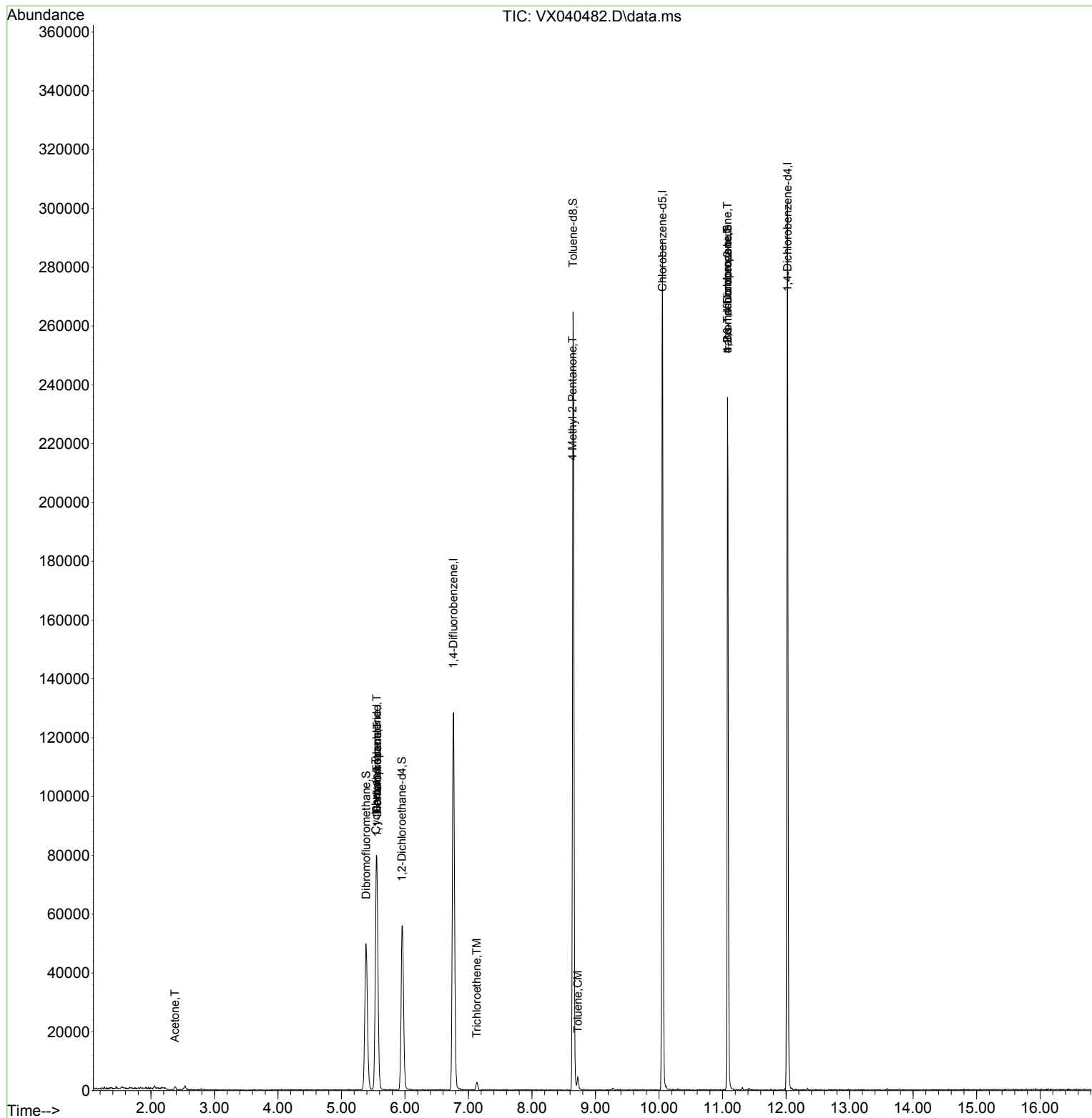
Internal Standards						
1) Pentafluorobenzene	5.556	168	70893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57294	48.320	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.640%		
35) Dibromofluoromethane	5.385	113	41267	47.414	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.820%		
50) Toluene-d8	8.647	98	151533	47.965	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.920%		
62) 4-Bromofluorobenzene	11.079	95	58536	48.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.220%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1139	2.946	ug/l #	82
31) Cyclohexane	5.544	56	1913	1.424	ug/l #	56
36) 1,1-Dichloropropene	5.562	75	6586	4.911	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7670	5.921	ug/l #	14
44) Trichloroethene	7.129	130	917	0.939	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	861	0.566	ug/l #	1
52) Toluene	8.720	92	1600	0.718	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	33835	26.021	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33835	75.739	ug/l #	5

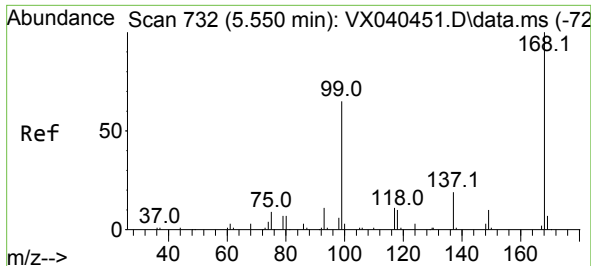
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 28 02:01:21 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

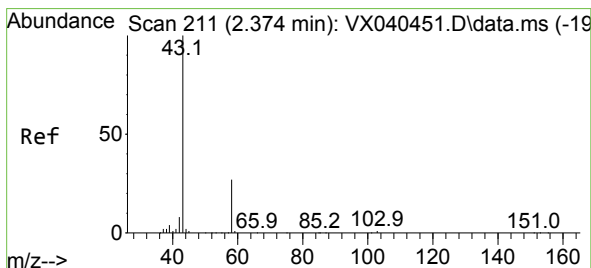
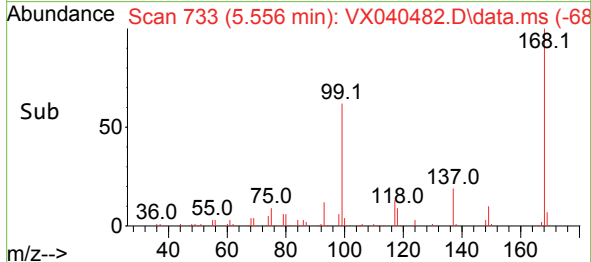
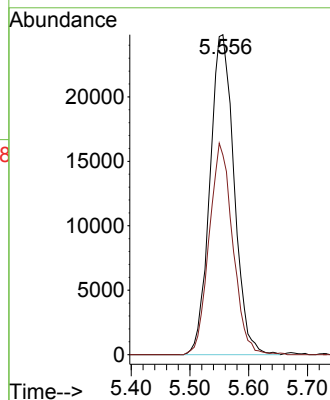
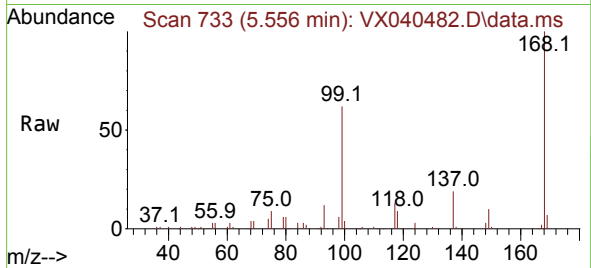




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

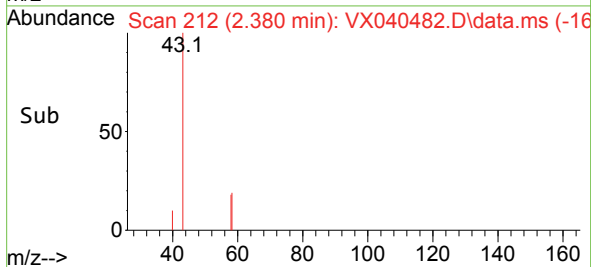
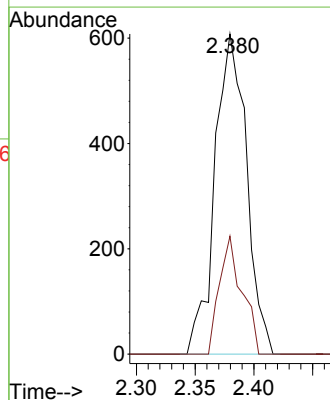
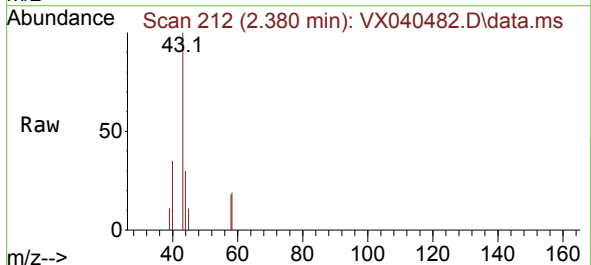
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

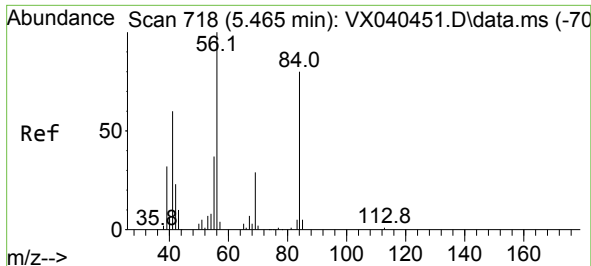
Tgt Ion:168 Resp: 70893
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#16
Acetone
Concen: 2.946 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

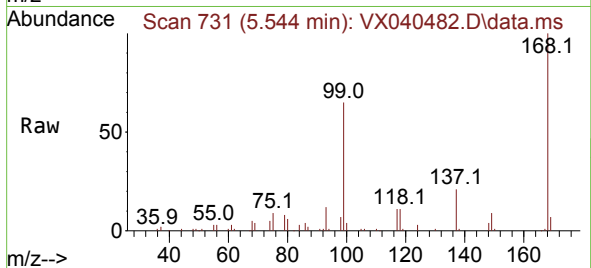
Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 36.8 21.9 32.9#



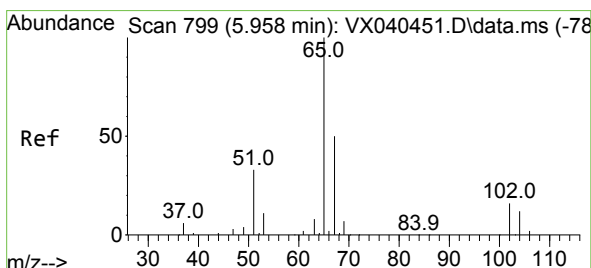
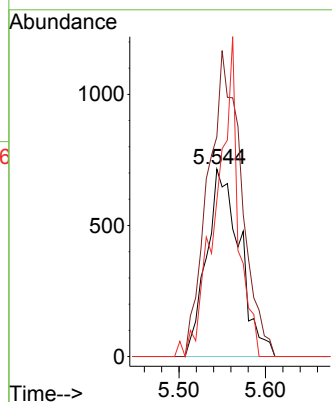
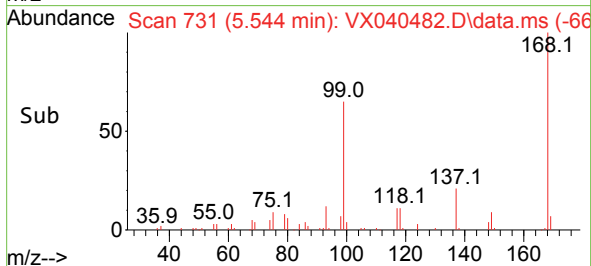


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

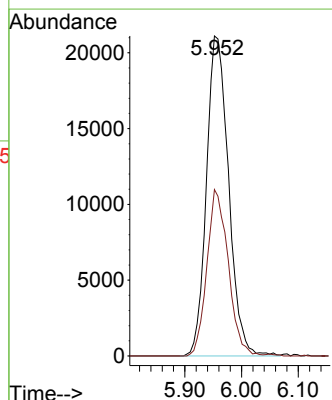
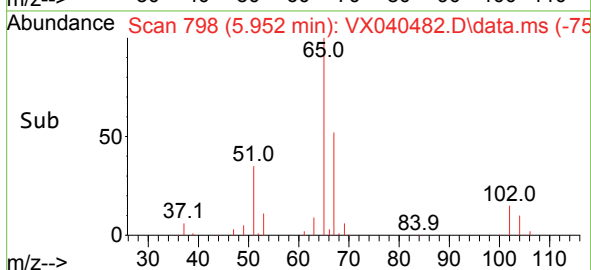
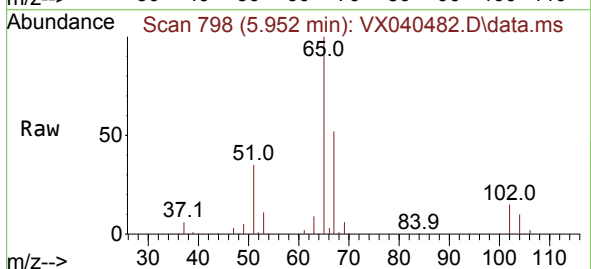


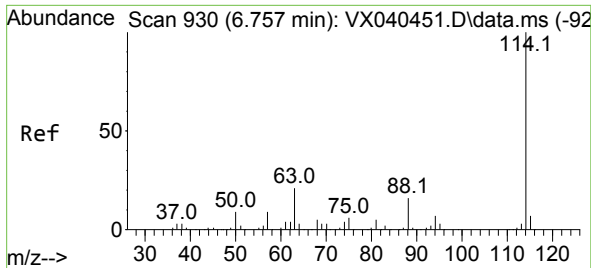
Tgt Ion: 56 Resp: 1913
Ion Ratio Lower Upper
56 100
69 117.2 23.4 35.2#
84 83.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.320 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

Tgt Ion: 65 Resp: 57294
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

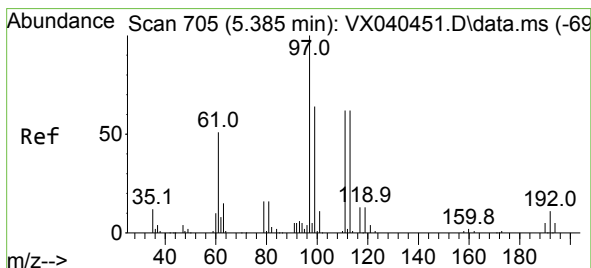
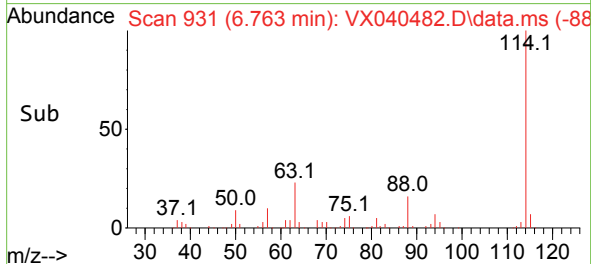
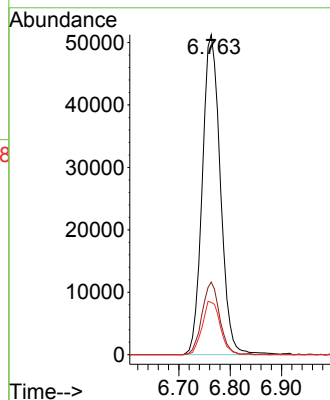
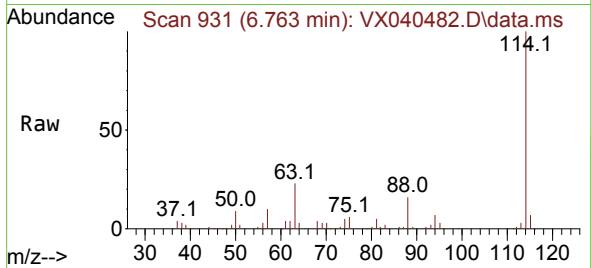




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

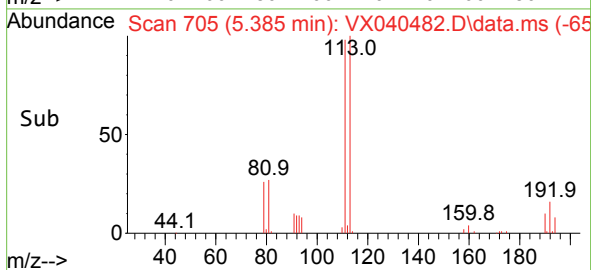
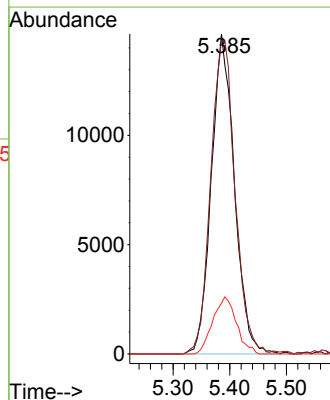
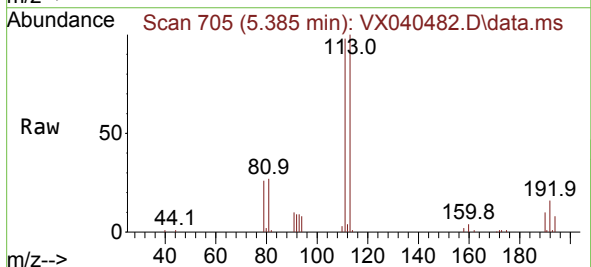
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

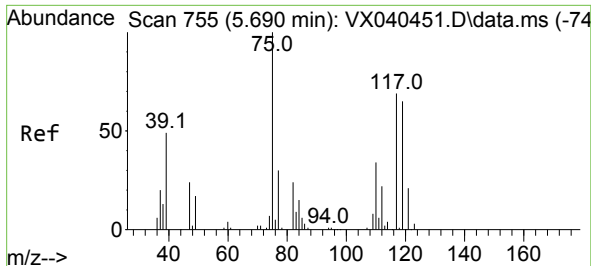
Tgt Ion:114 Resp: 125159
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.414 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

Tgt Ion:113 Resp: 41267
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.3 13.3 19.9

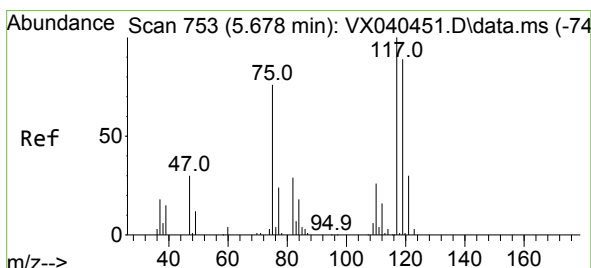
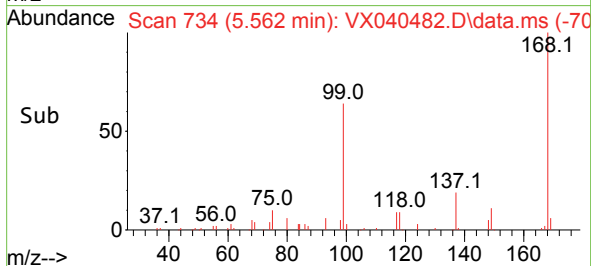
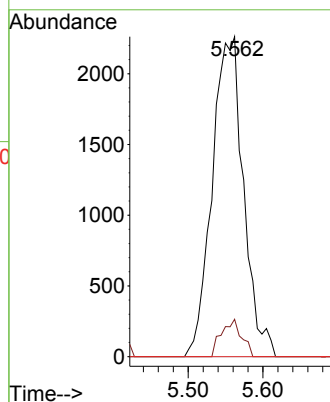
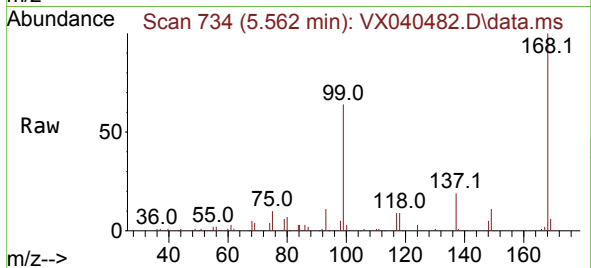




#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

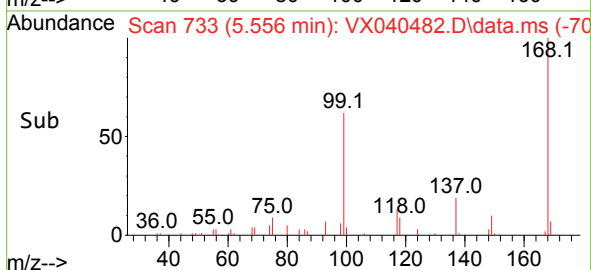
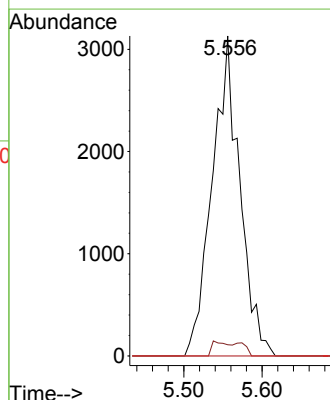
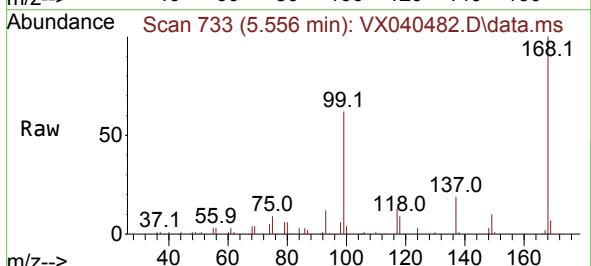
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

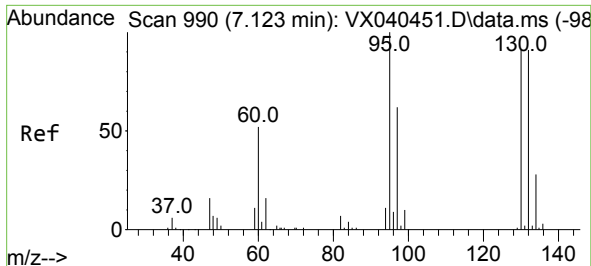
Tgt Ion: 75 Resp: 6586
Ion Ratio Lower Upper
75 100
110 7.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

Tgt Ion: 117 Resp: 7670
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#

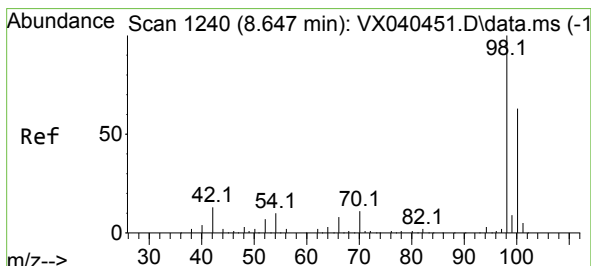
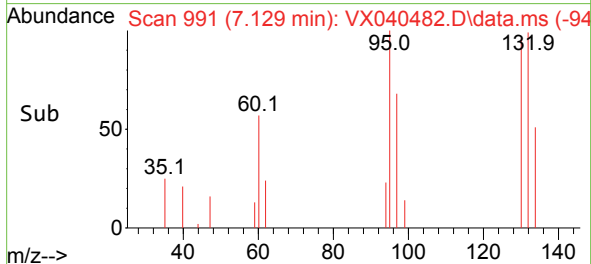
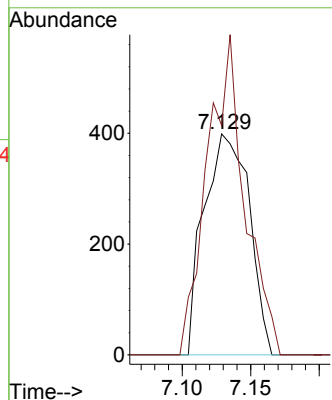
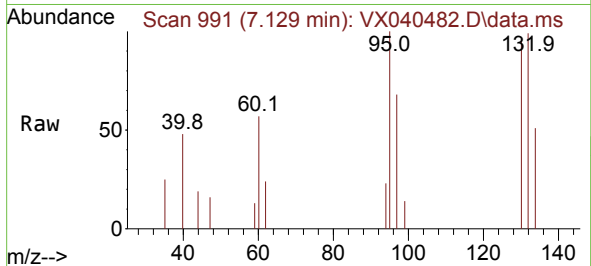




#44
Trichloroethene
Concen: 0.939 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

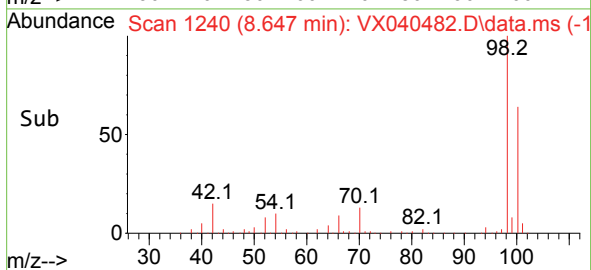
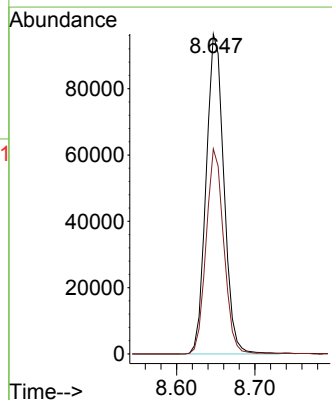
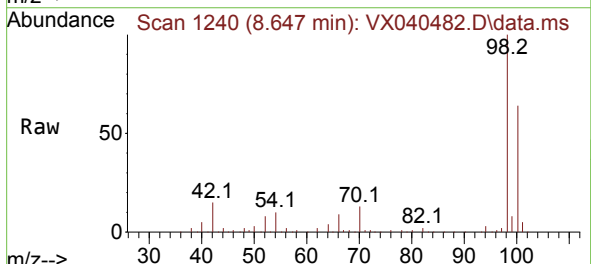
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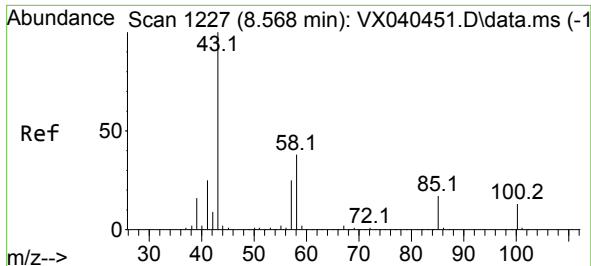
Tgt Ion:130 Resp: 917
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.4



#50
Toluene-d8
Concen: 47.965 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

Tgt Ion: 98 Resp: 151533
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

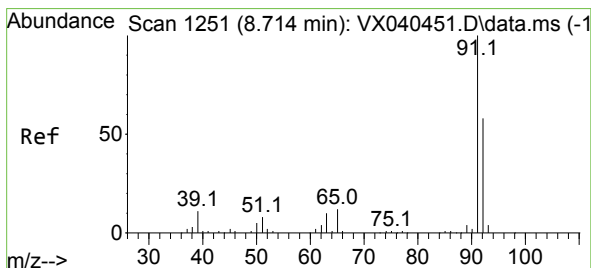
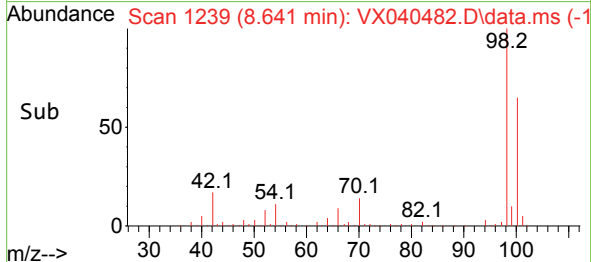
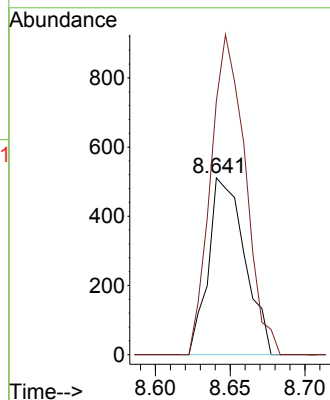
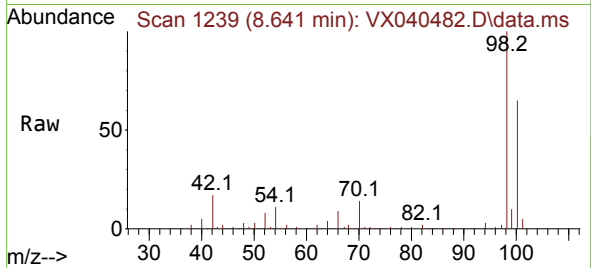




#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.073 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

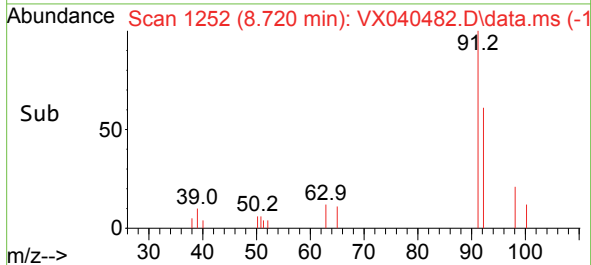
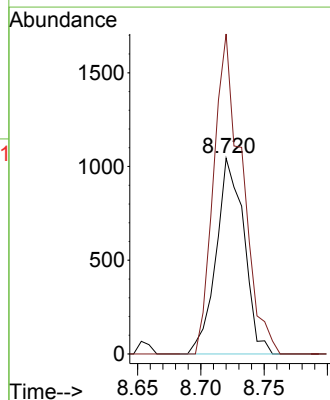
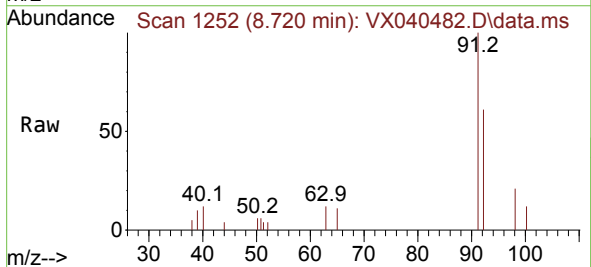
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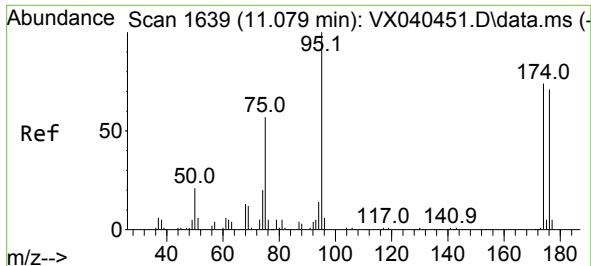
Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
58 172.6 30.4 45.6#



#52
Toluene
Concen: 0.718 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

Tgt Ion: 92 Resp: 1600
Ion Ratio Lower Upper
92 100
91 166.1 134.2 201.2

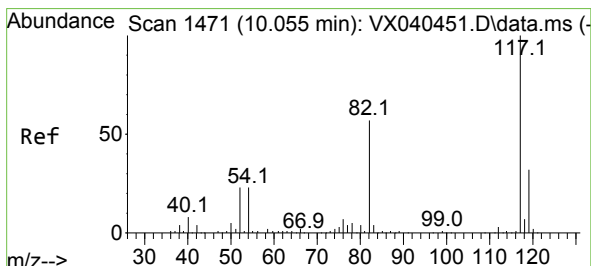
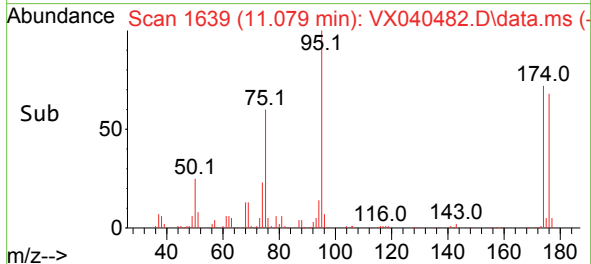
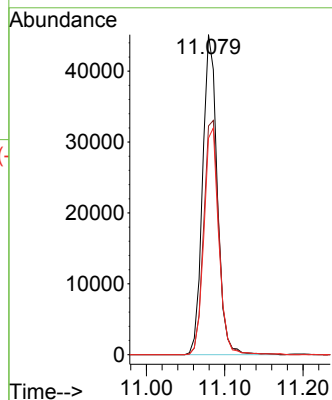
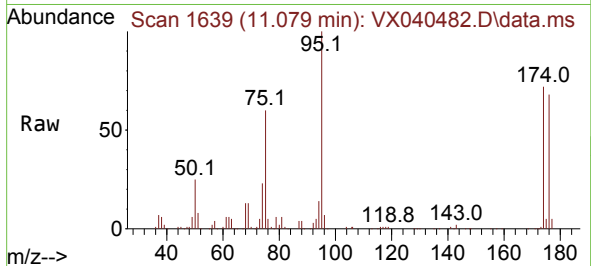




#62
4-Bromofluorobenzene
Concen: 48.607 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

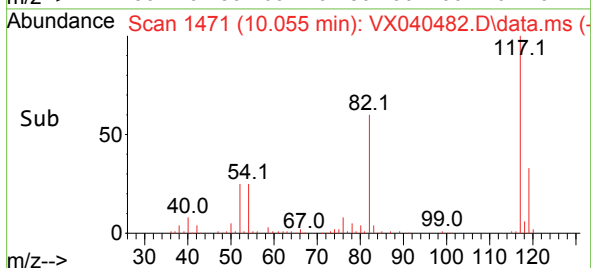
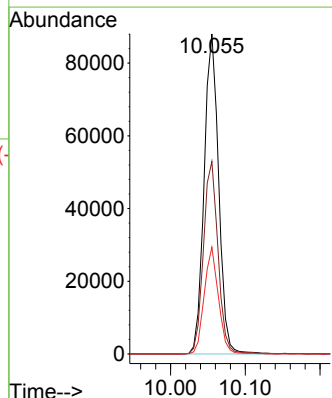
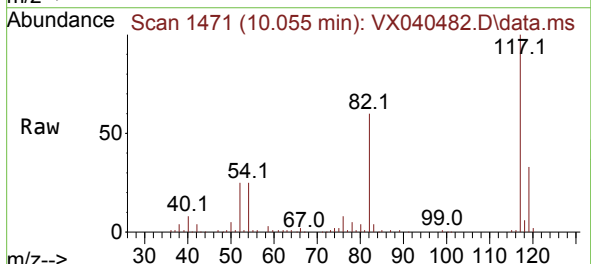
Instrument :
MSVOA_X
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DUP02-20240221

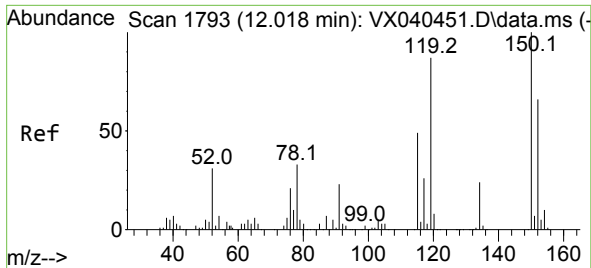
Tgt Ion: 95 Resp: 58536
Ion Ratio Lower Upper
95 100
174 76.6 0.0 135.6
176 72.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

Tgt Ion: 117 Resp: 118938
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 33.4 25.5 38.3

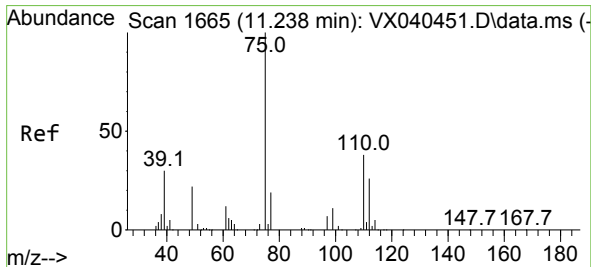
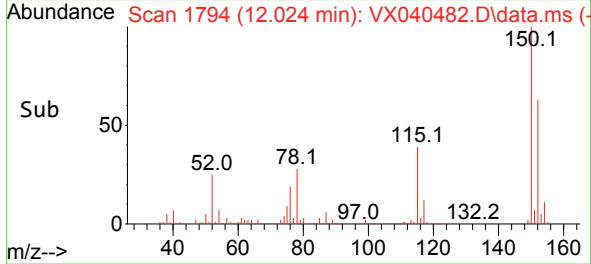
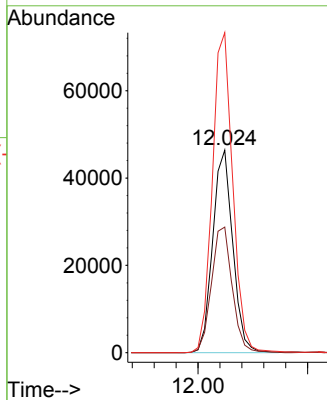
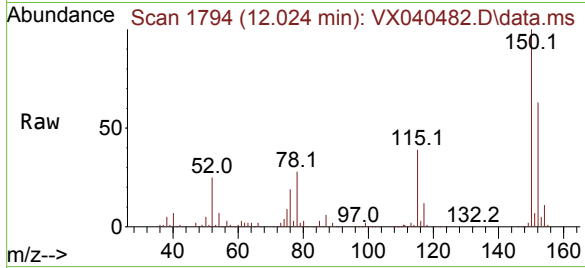




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

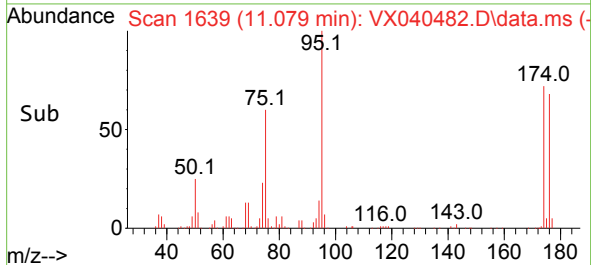
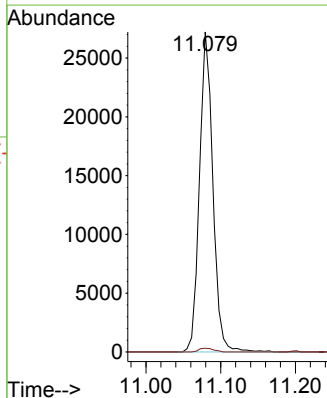
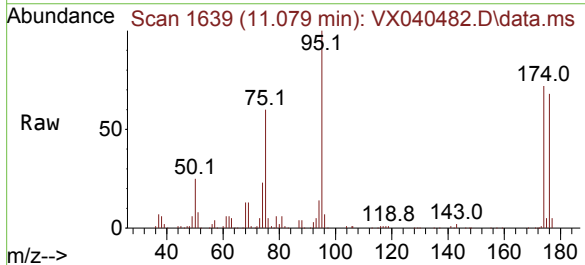
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

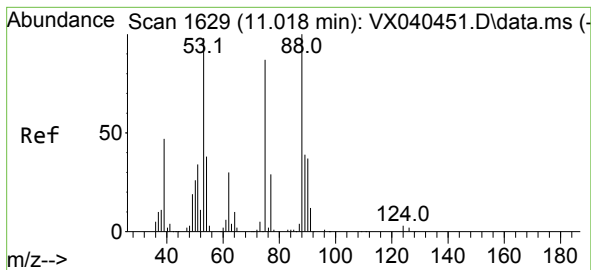
Tgt Ion:152 Resp: 59081
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 160.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040482.D
Acq: 27 Feb 2024 12:21

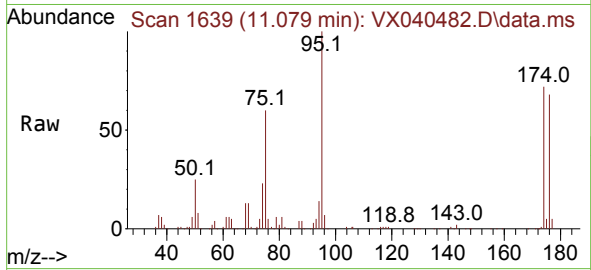
Tgt Ion: 75 Resp: 33835
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.739 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040482.D
 Acq: 27 Feb 2024 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20240221



Tgt Ion: 75 Resp: 33835
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

