

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036934.D
 Acq On : 11 Aug 2023 12:27
 Operator : JC/MD
 Sample : 03975-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 22:57:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

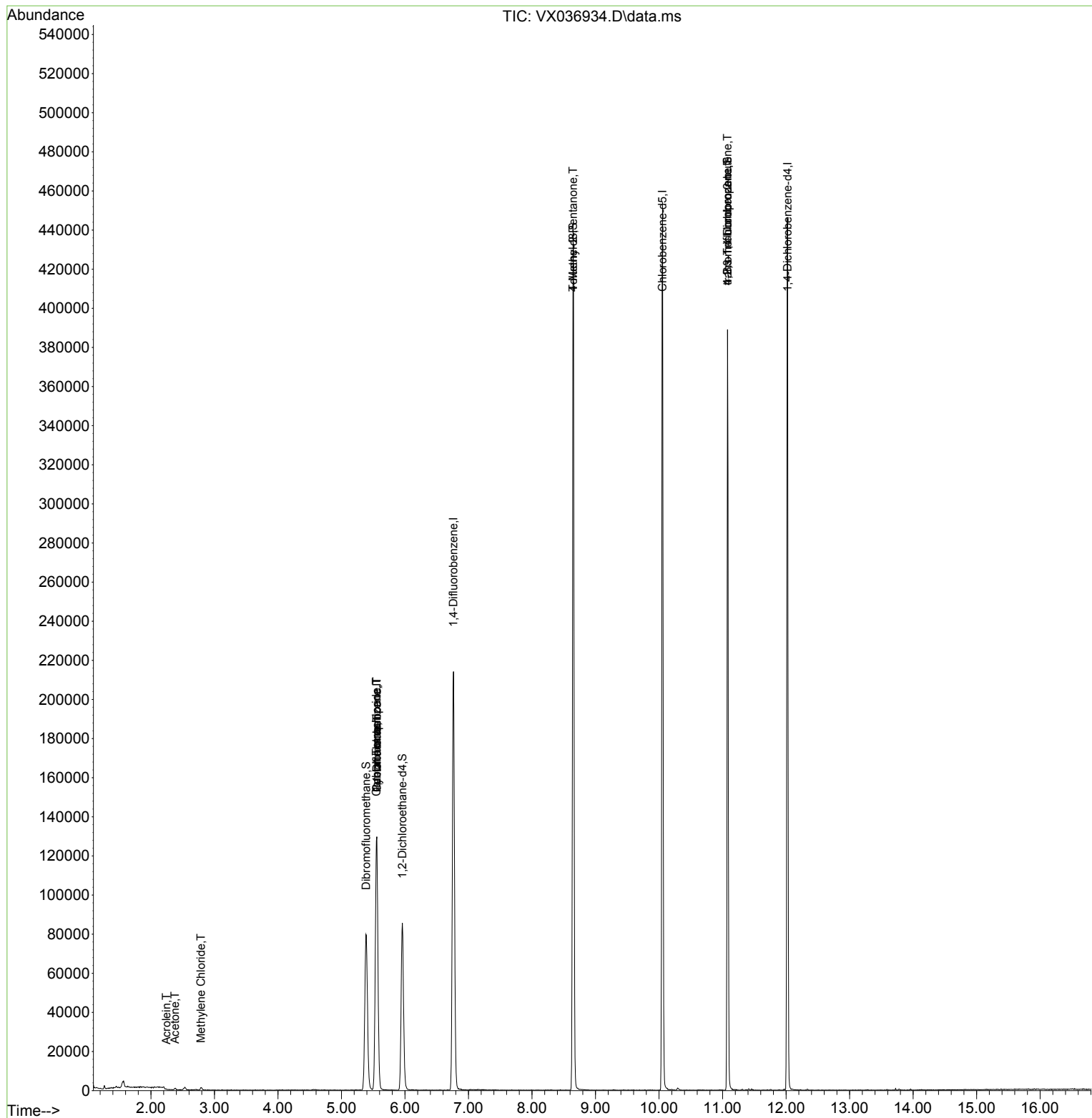
Internal Standards						
1) Pentafluorobenzene	5.556	168	120243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85073	47.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.640%
35) Dibromofluoromethane	5.385	113	70634	46.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	264456	49.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	101243	49.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	88	0.366	ug/l	89
16) Acetone	2.380	43	864	1.170	ug/l	91
20) Methylene Chloride	2.788	84	823	0.501	ug/l #	69
31) Cyclohexane	5.556	56	2539	1.031	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9657	4.272	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13133	5.465	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1152	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53140	24.315	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53140	55.111	ug/l #	5

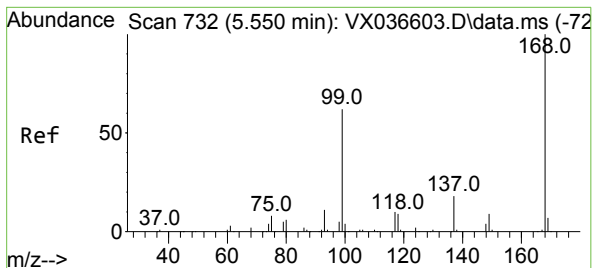
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

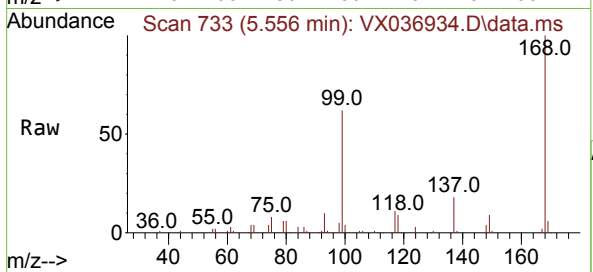
Lab File: VX036934.D

Acq: 11 Aug 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

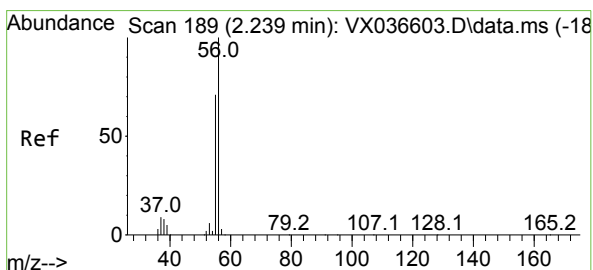
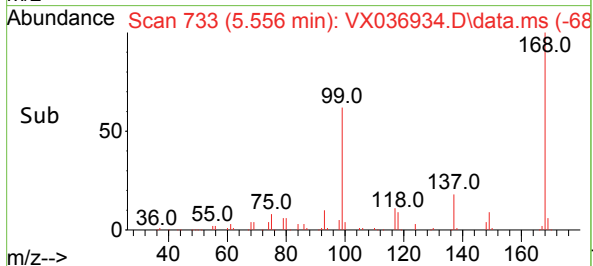
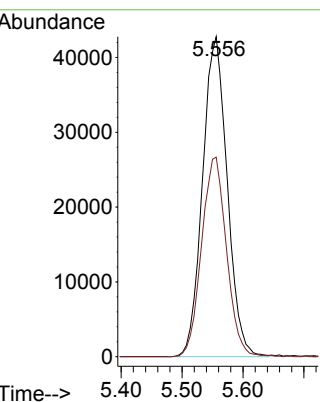


Tgt Ion:168 Resp: 120243

Ion Ratio Lower Upper

168 100

99 62.4 56.6 85.0



#13

Acrolein

Concen: 0.366 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036934.D

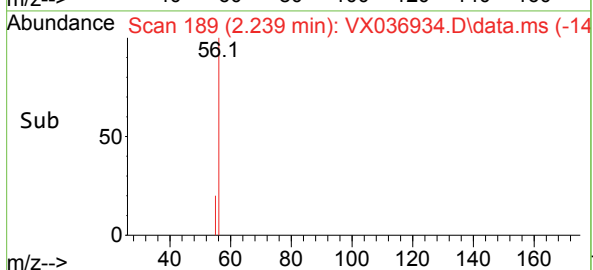
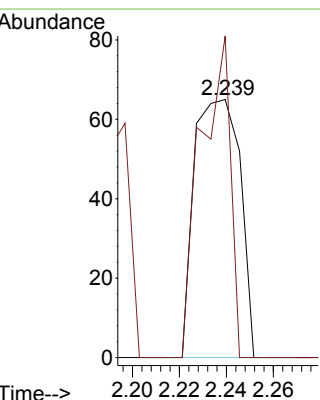
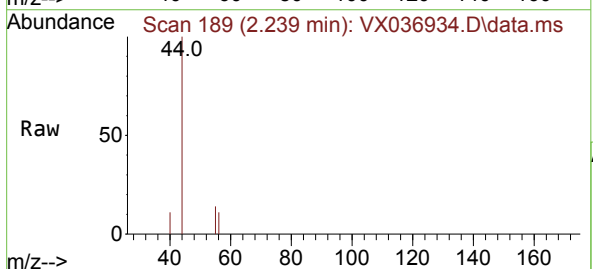
Acq: 11 Aug 2023 12:27

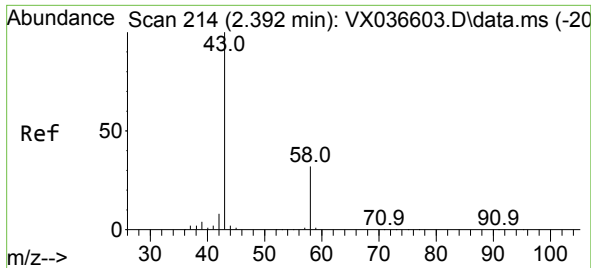
Tgt Ion: 56 Resp: 88

Ion Ratio Lower Upper

56 100

55 80.7 57.1 85.7

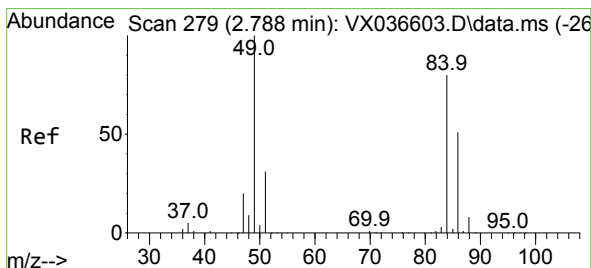
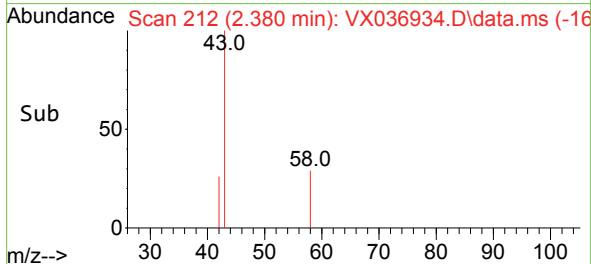
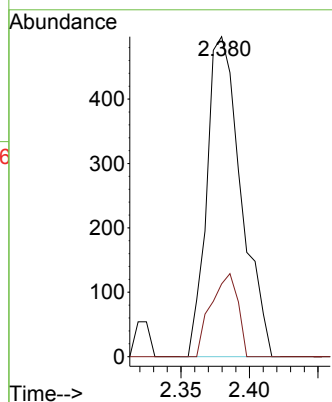
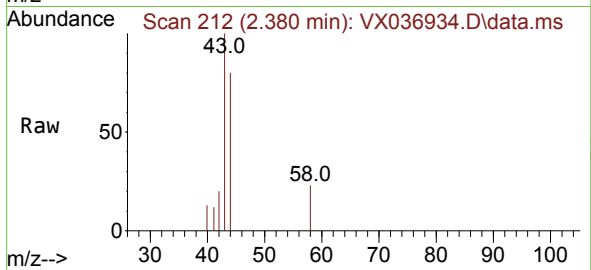




#16
Acetone
Concen: 1.170 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

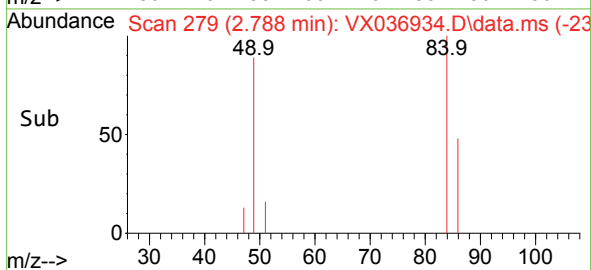
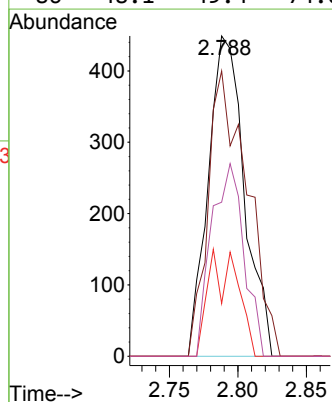
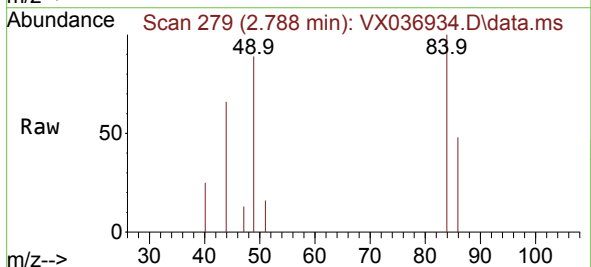
Instrument :
MSVOA_X
ClientSampleId :

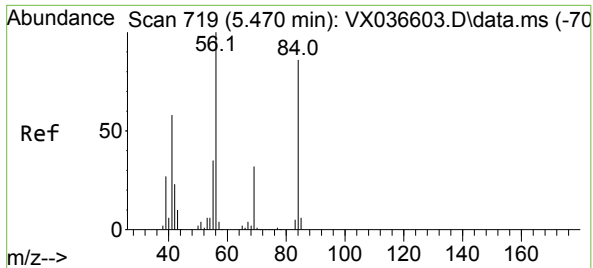
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 22.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.501 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

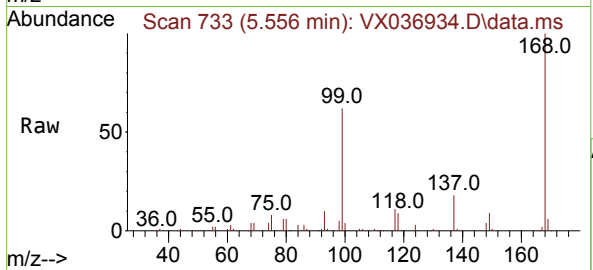
Tgt Ion: 84 Resp: 823
Ion Ratio Lower Upper
84 100
49 89.1 103.6 155.4#
51 16.5 33.8 50.6#
86 48.1 49.4 74.0#



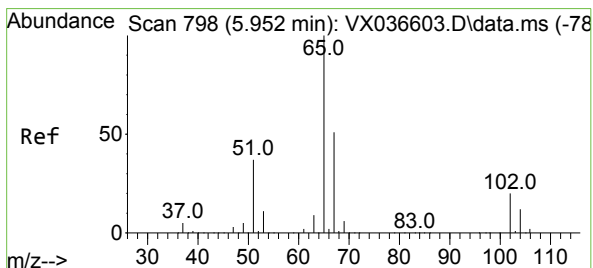
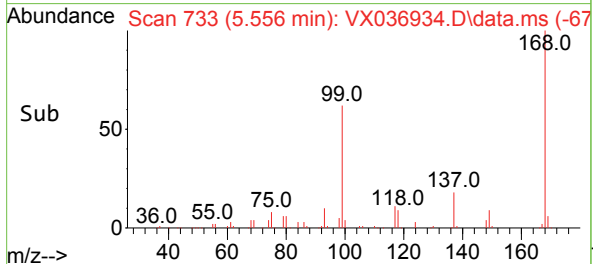
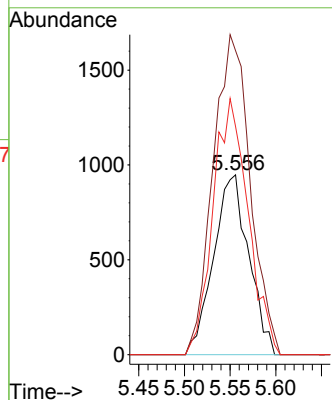


#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :

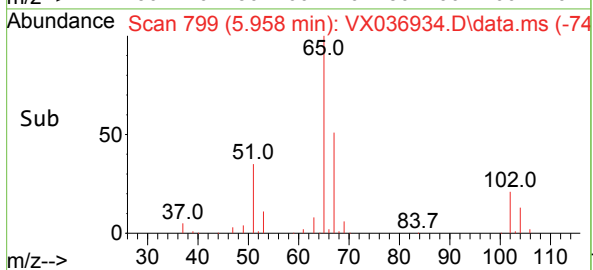
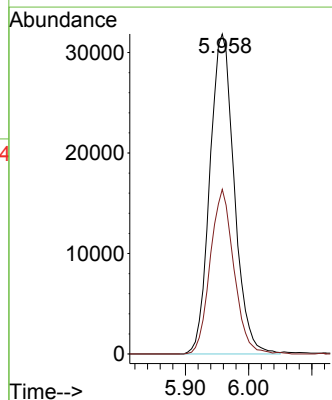
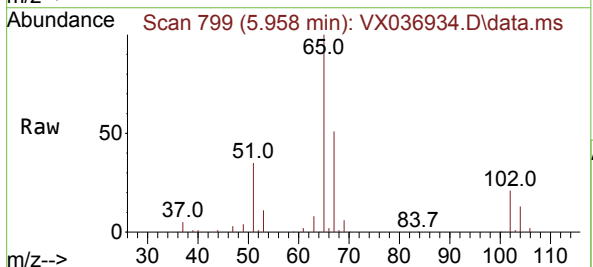


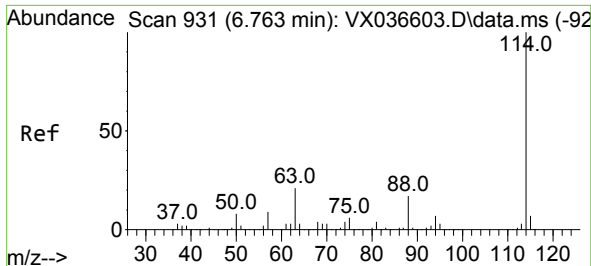
Tgt Ion: 56 Resp: 2539
Ion Ratio Lower Upper
56 100
69 169.1 23.4 35.2#
84 126.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.816 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

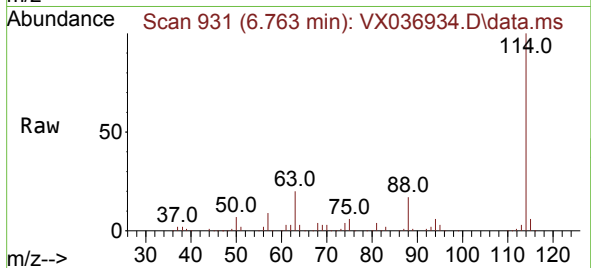
Tgt Ion: 65 Resp: 85073
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2



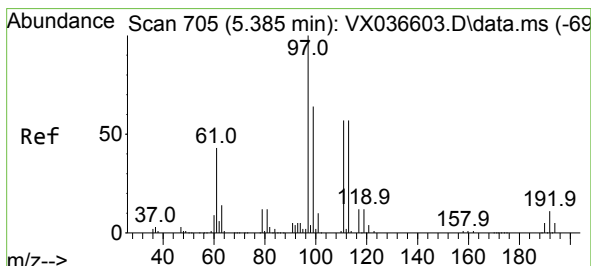
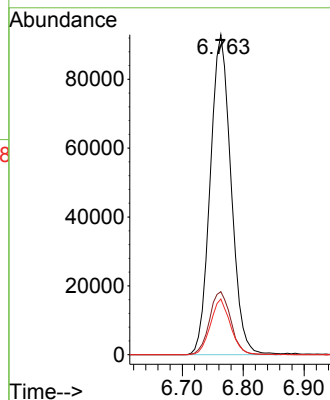
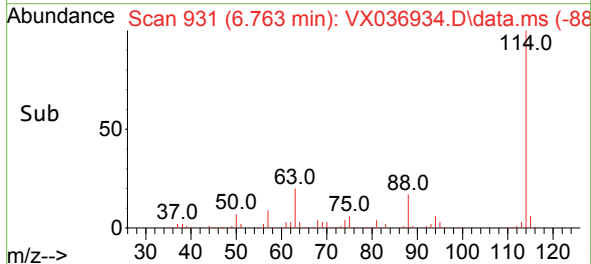


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :

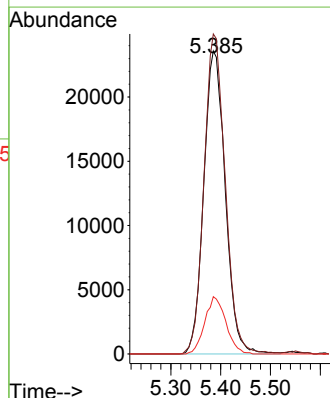
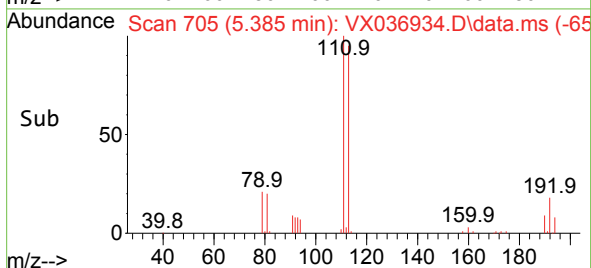
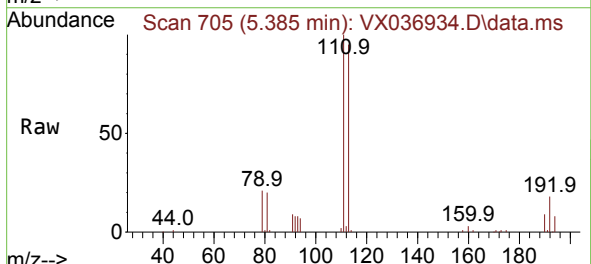


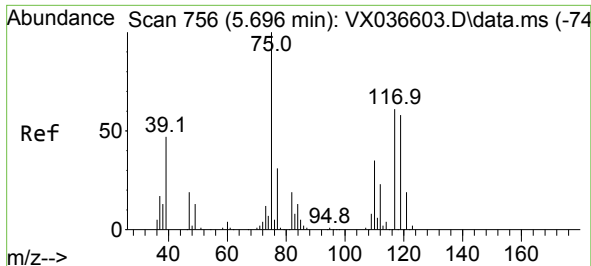
Tgt Ion:114 Resp: 220626
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.578 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

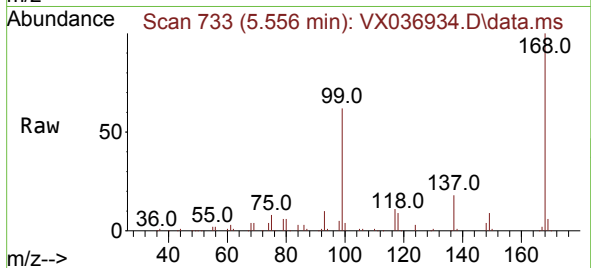
Tgt Ion:113 Resp: 70634
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.6 13.3 19.9



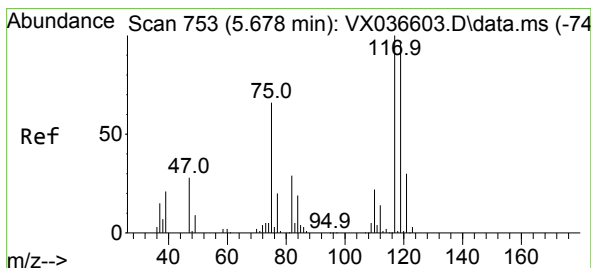
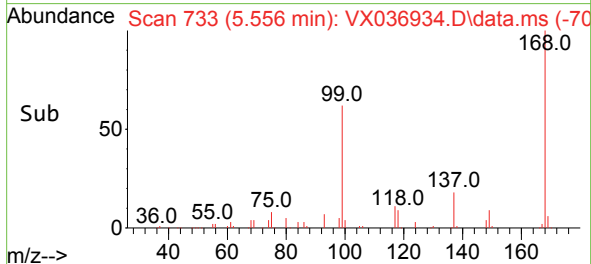
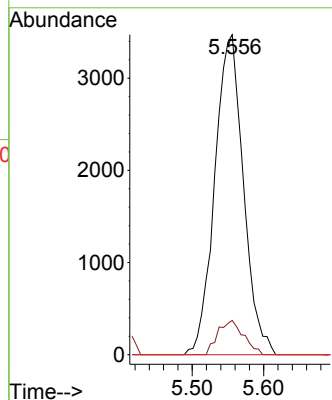


#36
1,1-Dichloropropene
Concen: 4.272 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :

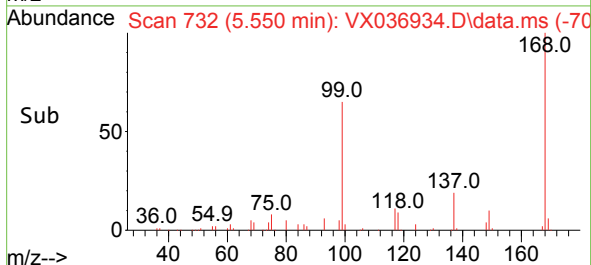
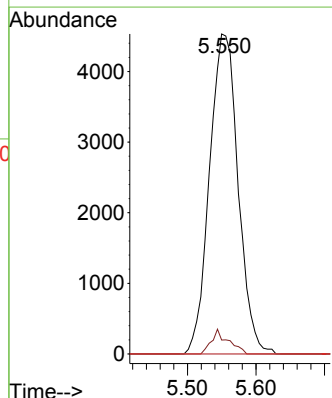
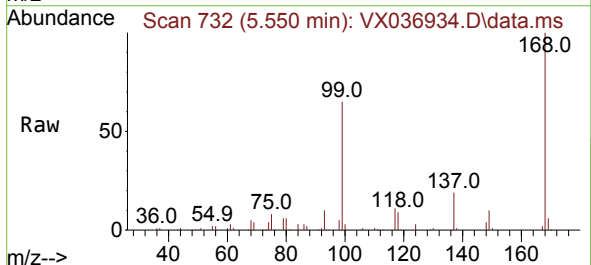


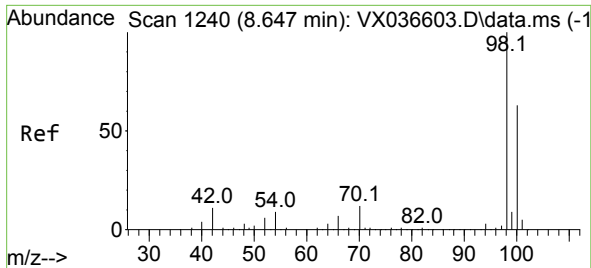
Tgt Ion: 75 Resp: 9657
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.465 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

Tgt Ion: 117 Resp: 13133
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

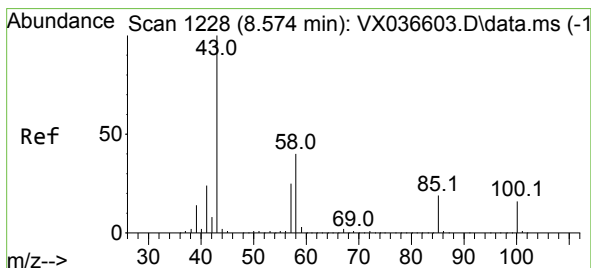
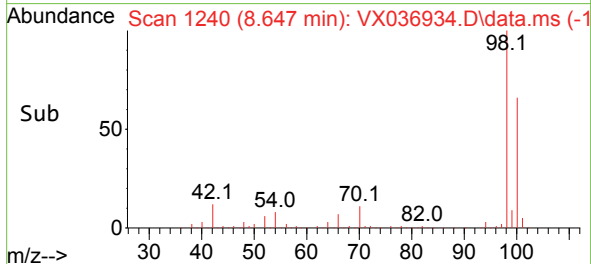
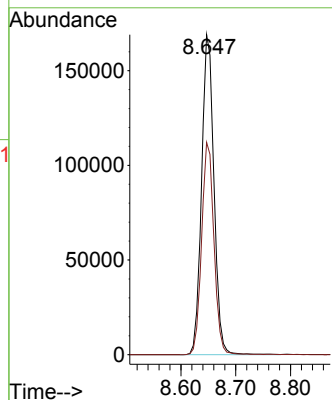
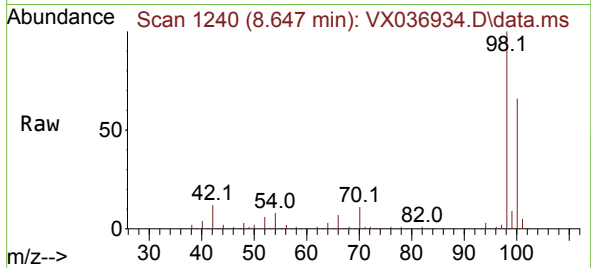




#50
Toluene-d8
Concen: 49.176 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

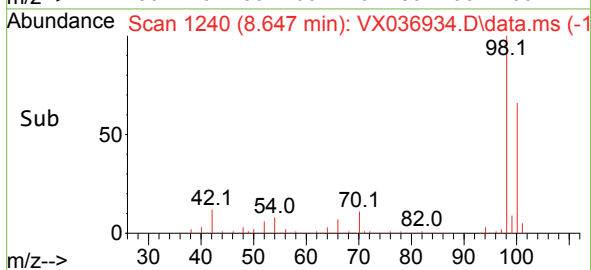
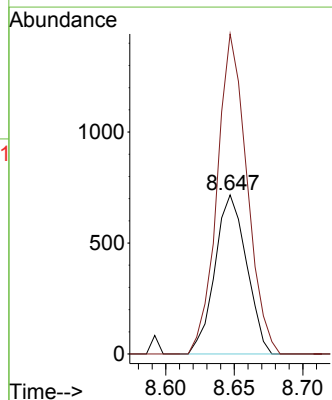
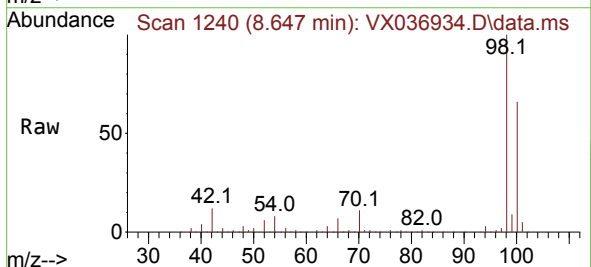
Instrument :
MSVOA_X
ClientSampleId :

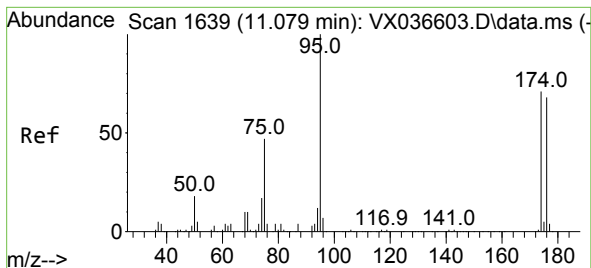
Tgt Ion: 98 Resp: 264456
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 190.1 30.4 45.6#

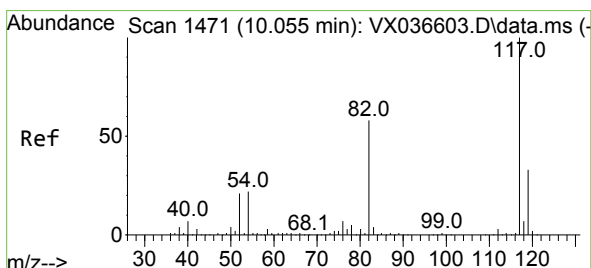
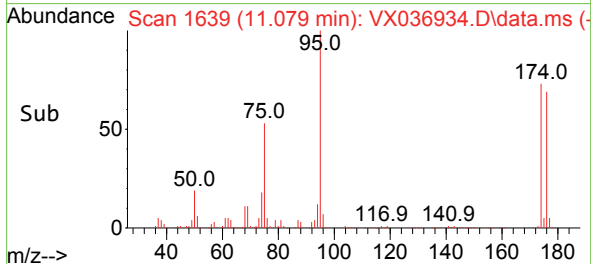
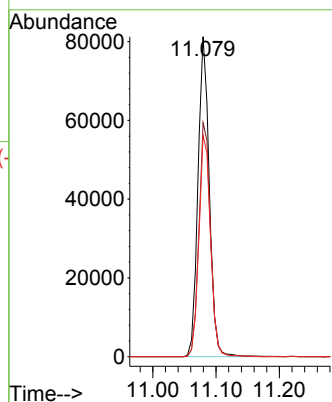
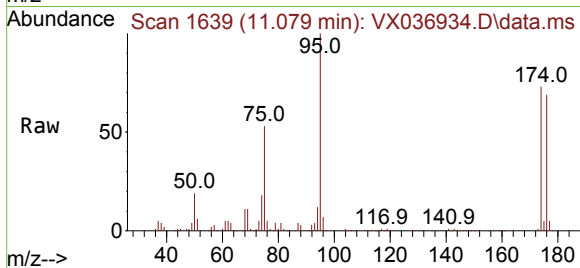




#62
4-Bromofluorobenzene
Concen: 49.900 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

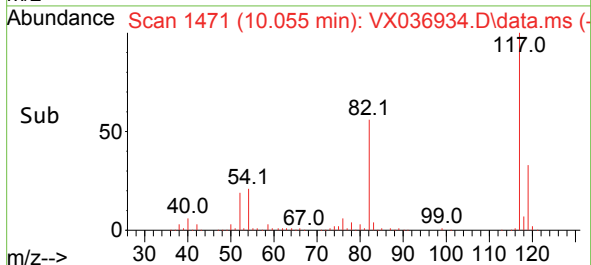
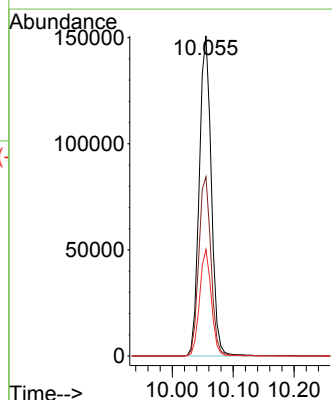
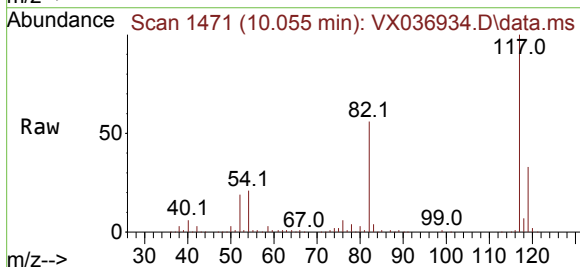
Instrument :
MSVOA_X
ClientSampleId :

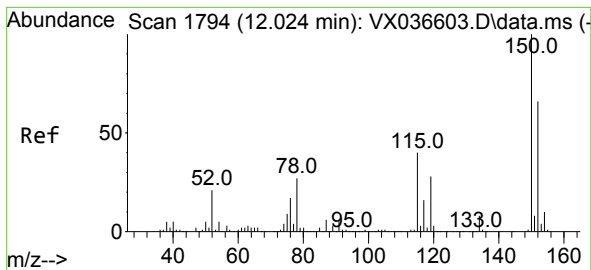
Tgt Ion: 95 Resp: 101243
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

Tgt Ion: 117 Resp: 207179
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 33.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036934.D

Acq: 11 Aug 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

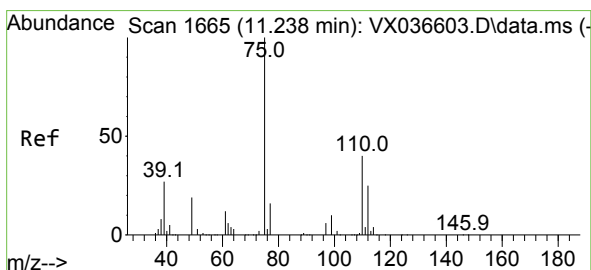
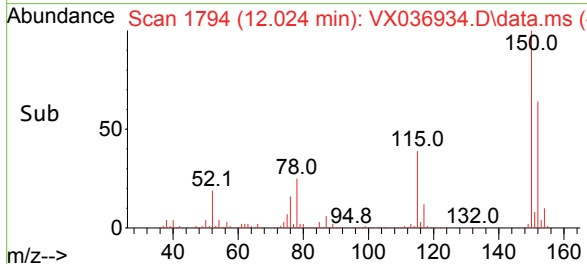
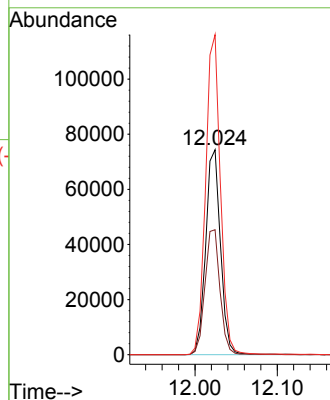
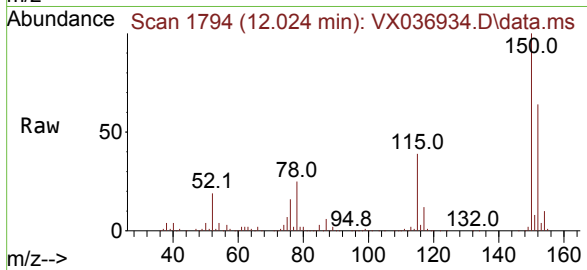
Tgt Ion:152 Resp: 92917

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 156.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.315 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036934.D

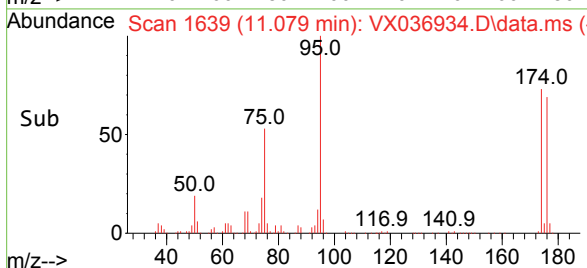
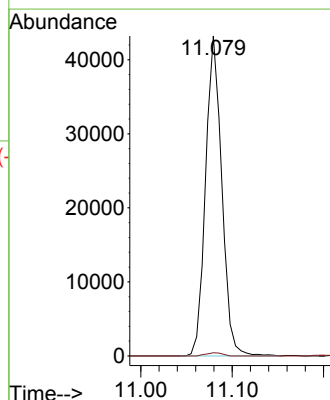
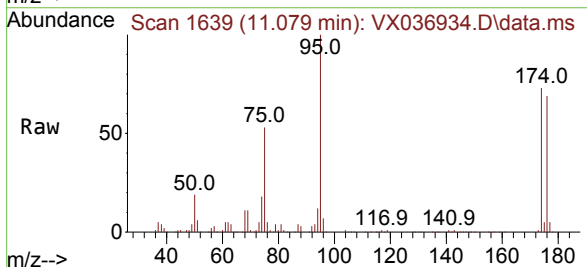
Acq: 11 Aug 2023 12:27

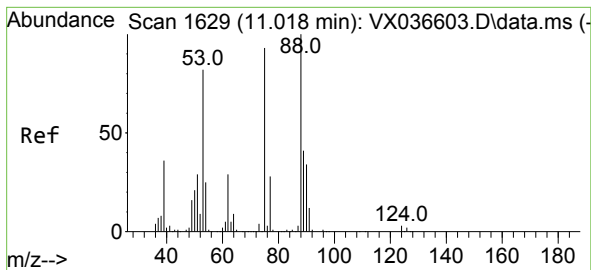
Tgt Ion: 75 Resp: 53140

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.111 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036934.D
 Acq: 11 Aug 2023 12:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 53140
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

