

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032804.D
 Acq On : 14 Nov 2022 18:55
 Operator : JC/MD
 Sample : N5587-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20221110

Quant Time: Nov 15 05:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

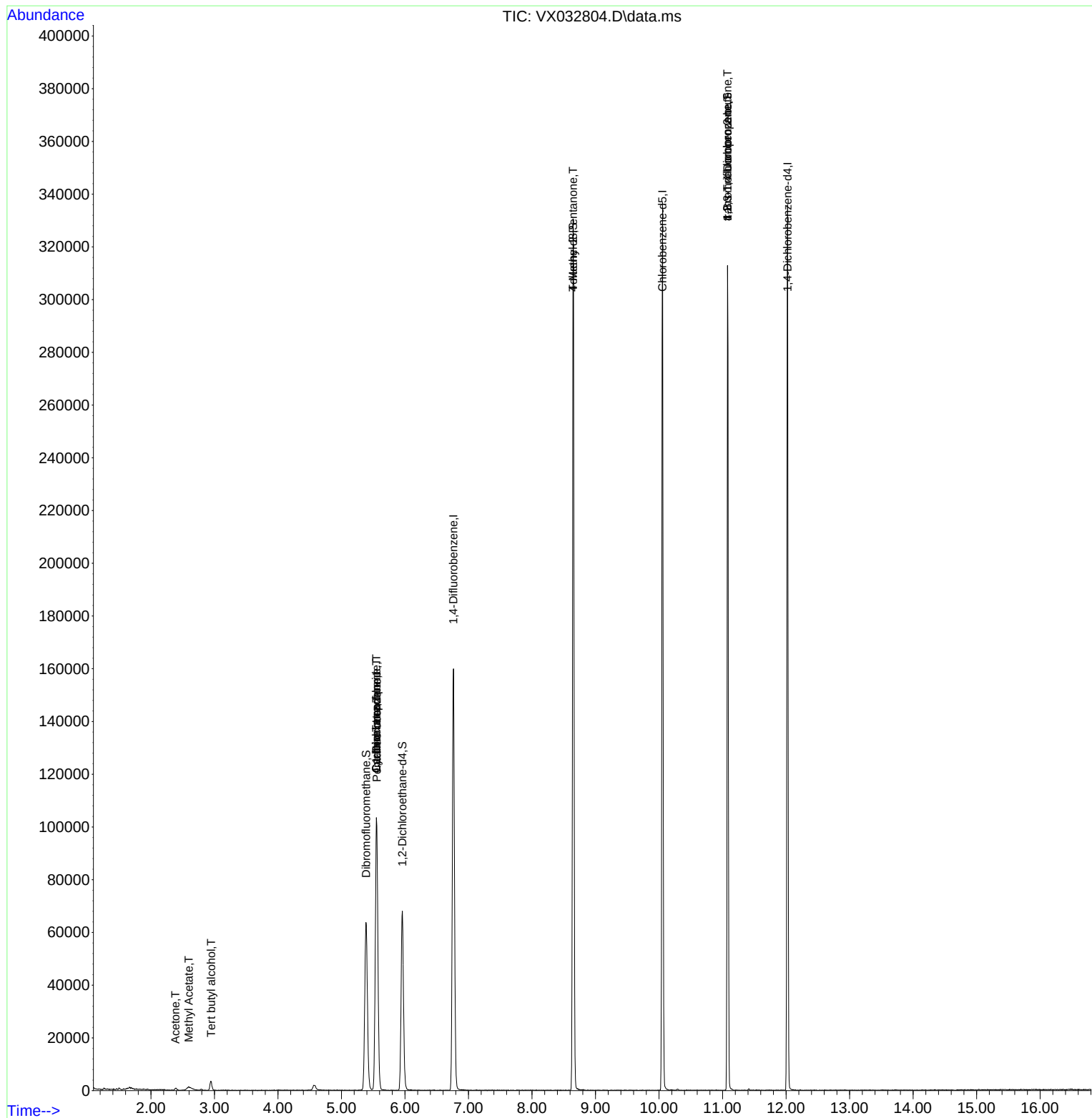
Internal Standards						
1) Pentafluorobenzene	5.556	168	98574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67073	48.970	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.940%
35) Dibromofluoromethane	5.385	113	55194	47.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	8.647	98	199647	49.142	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	75217	47.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2172	10.895	ug/l #	72
16) Acetone	2.386	43	1135	2.280	ug/l	94
18) Methyl Acetate	2.593	43	678	0.419	ug/l #	51
31) Cyclohexane	5.550	56	2074	1.249	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	7443	4.575	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9902	5.487	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	973	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41456	26.954	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41456	85.769	ug/l #	6

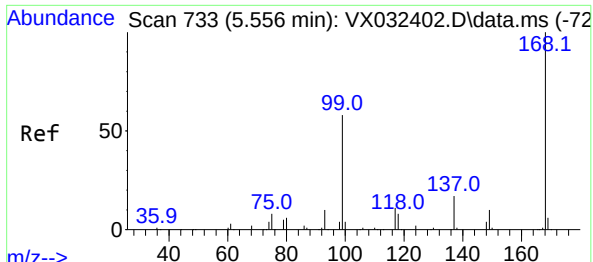
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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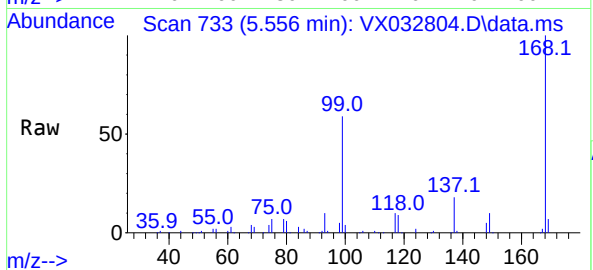
Quant Time: Nov 15 05:09:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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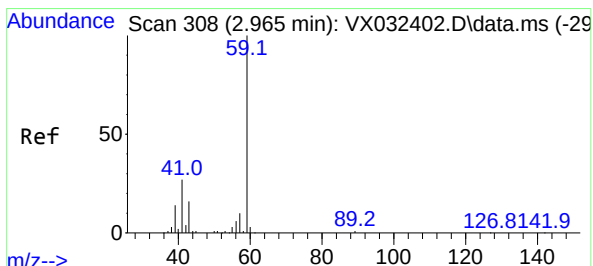
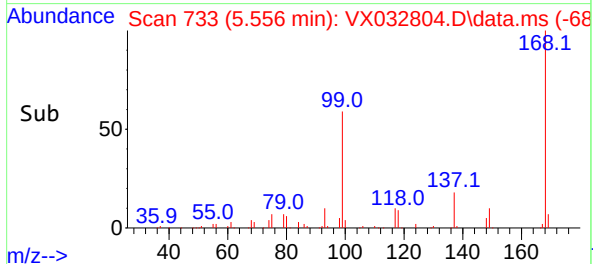
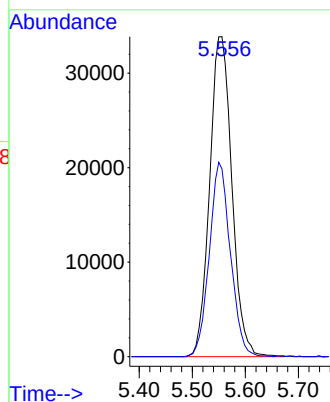


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20221110

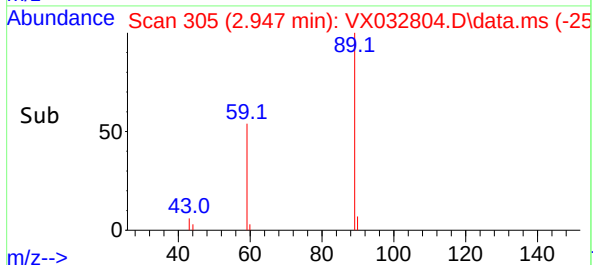
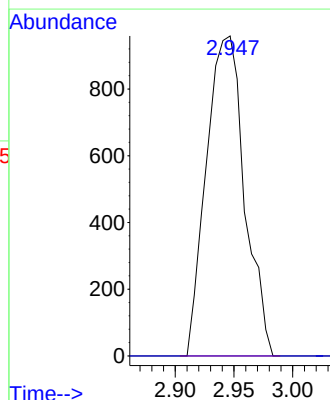
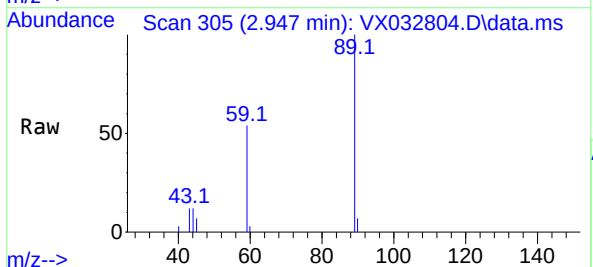


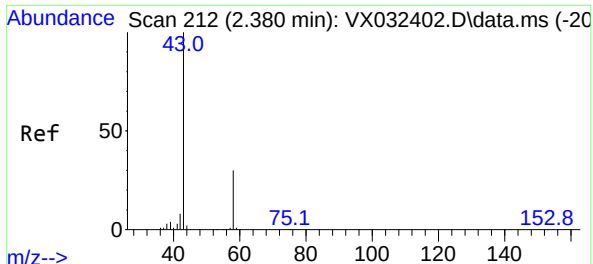
Tgt Ion:168 Resp: 98574
Ion Ratio Lower Upper
168 100
99 58.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 10.895 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

Tgt Ion: 59 Resp: 2172
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

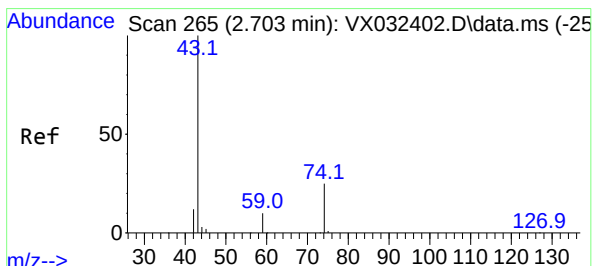
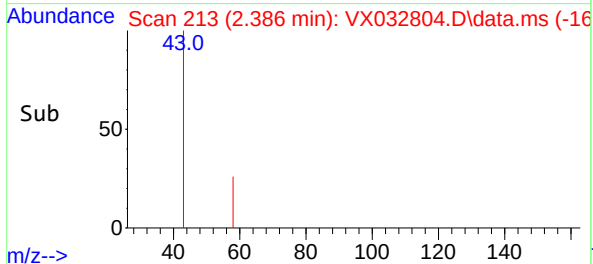
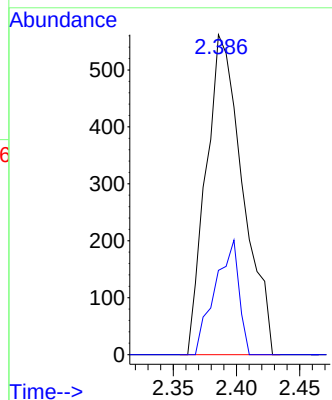
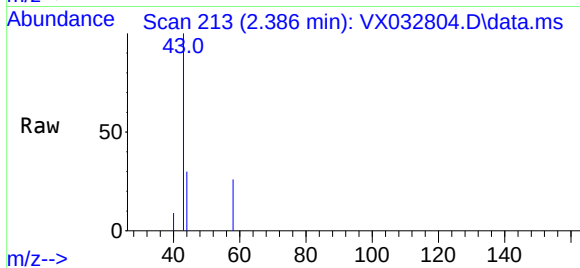




#16
Acetone
Concen: 2.280 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

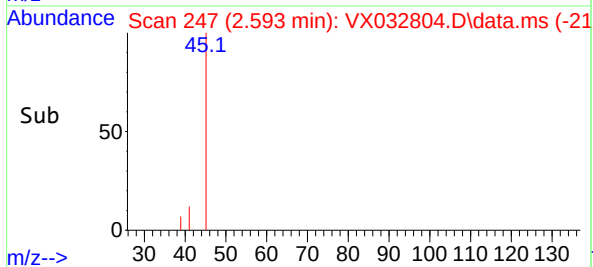
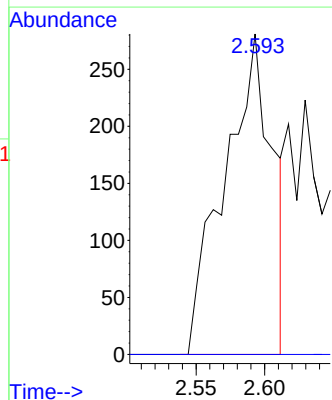
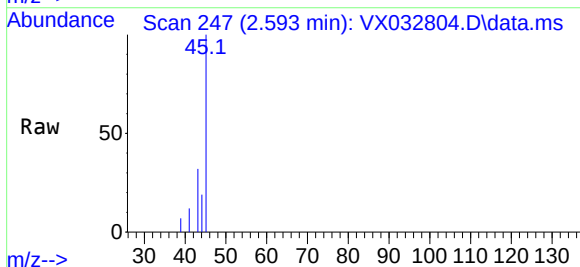
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20221110

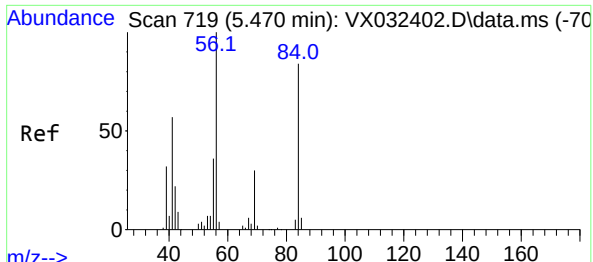
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 26.3 23.8 35.8



#18
Methyl Acetate
Concen: 0.419 ug/l
RT: 2.593 min Scan# 247
Delta R.T. -0.110 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

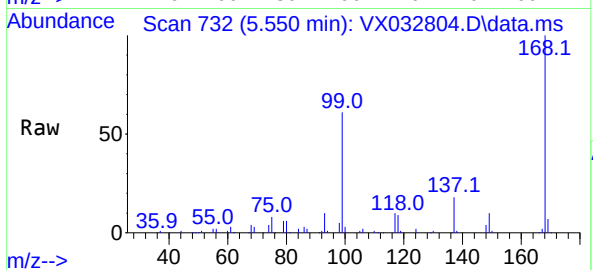
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



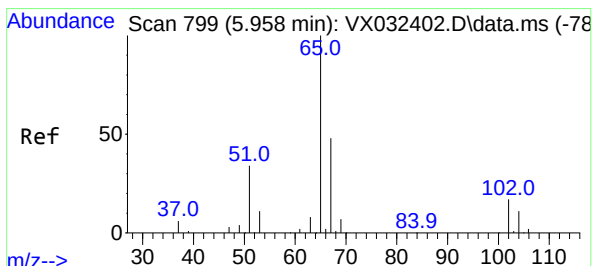
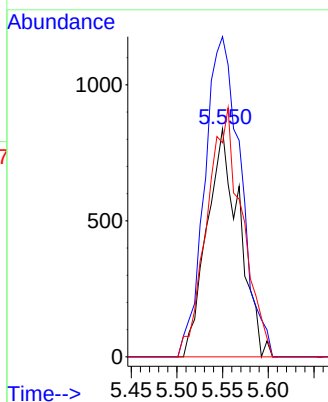
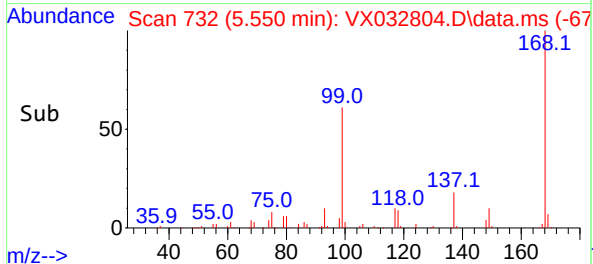


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20221110

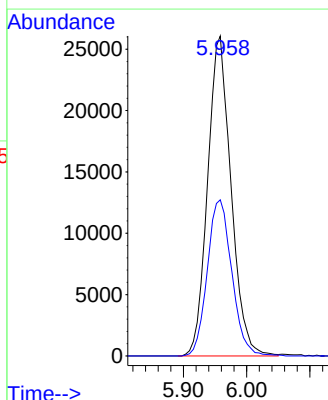
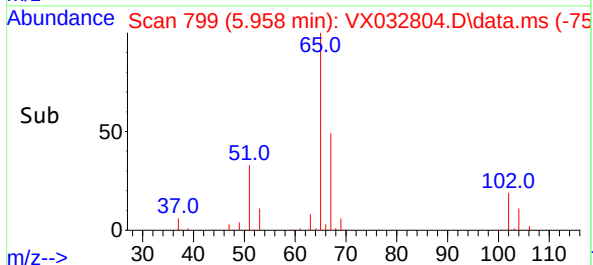
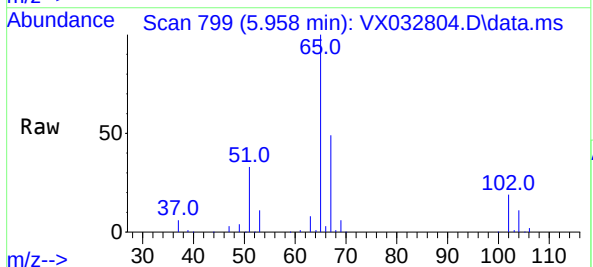


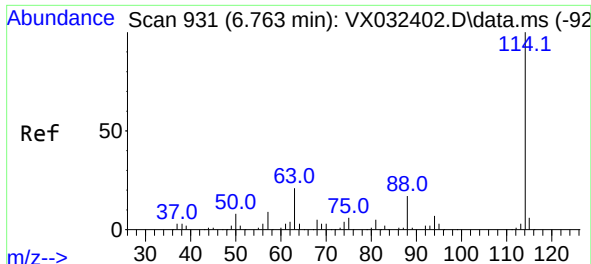
Tgt Ion: 56 Resp: 2074
Ion Ratio Lower Upper
56 100
69 140.5 24.1 36.1#
84 93.9 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 48.970 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

Tgt Ion: 65 Resp: 67073
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

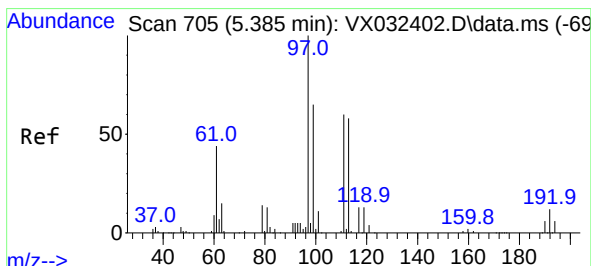
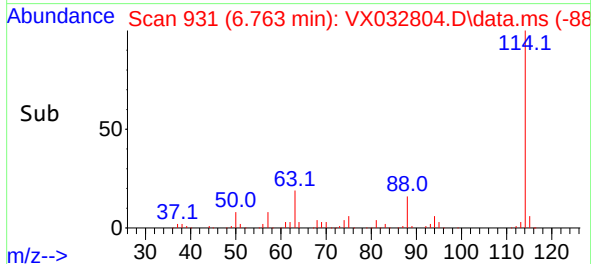
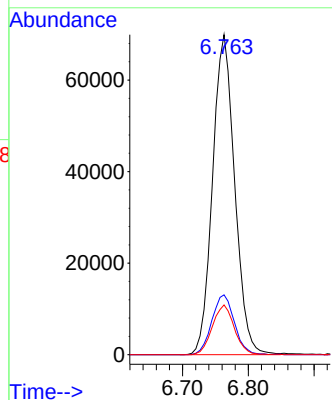
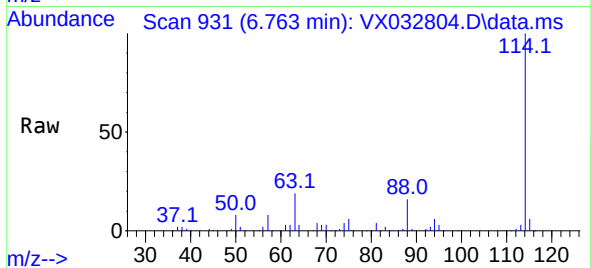




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

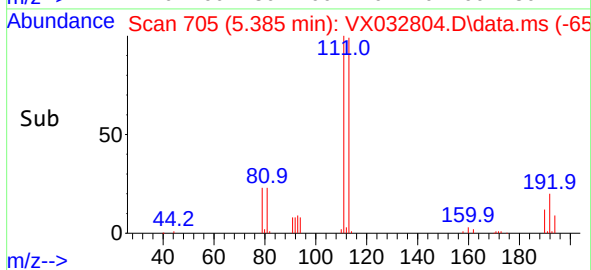
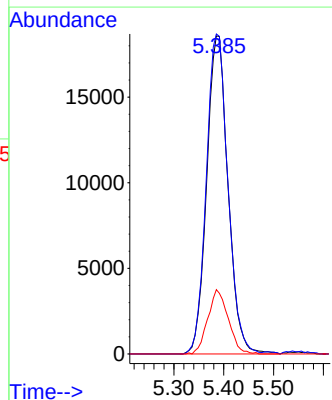
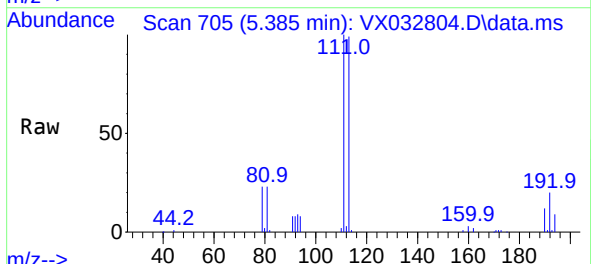
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20221110

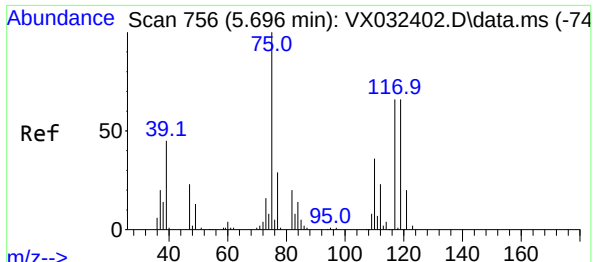
Tgt Ion:114 Resp: 163796
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.240 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

Tgt Ion:113 Resp: 55194
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.4 15.4 23.2

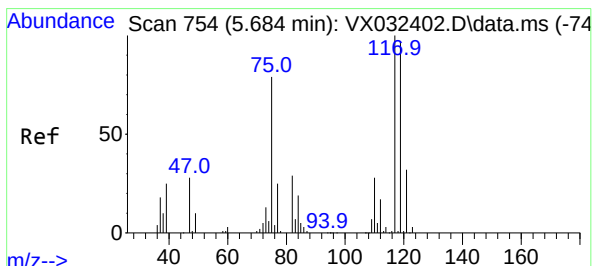
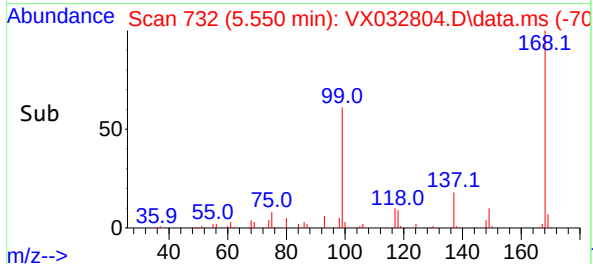
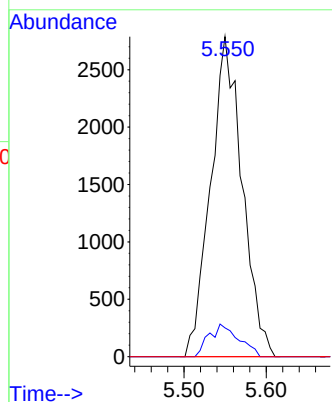
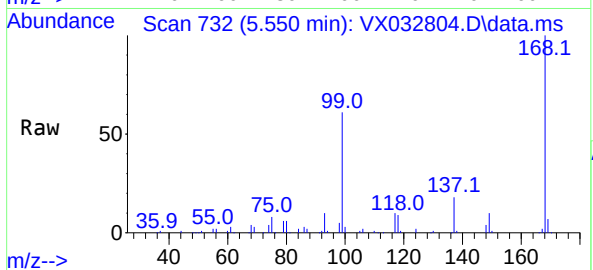




#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

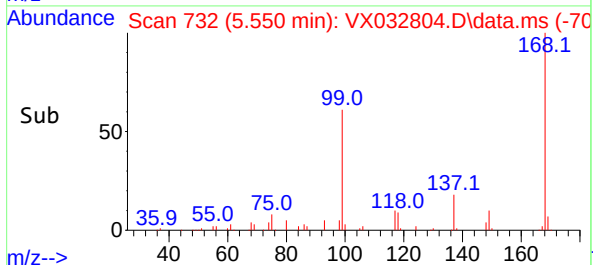
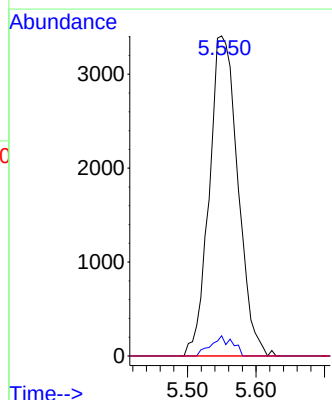
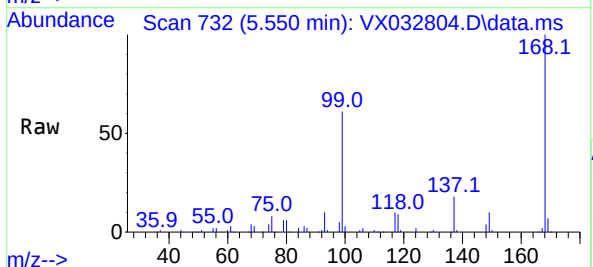
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20221110

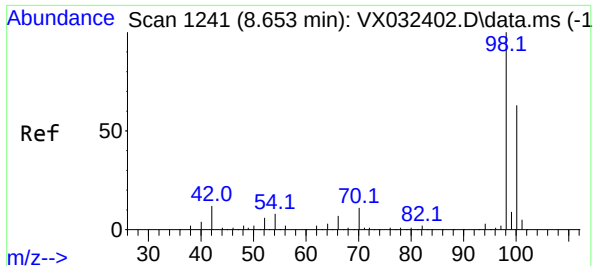
Tgt Ion: 75 Resp: 7443
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

Tgt Ion: 117 Resp: 9902
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.142 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032804.D

Acq: 14 Nov 2022 18:55

Instrument :

MSVOA_X

ClientSampleId :

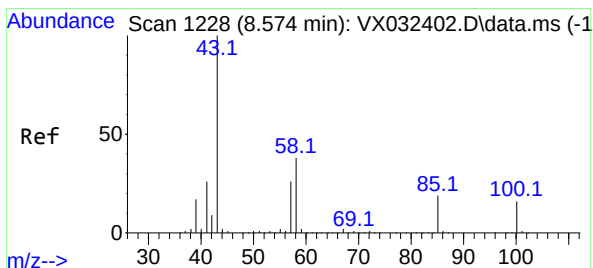
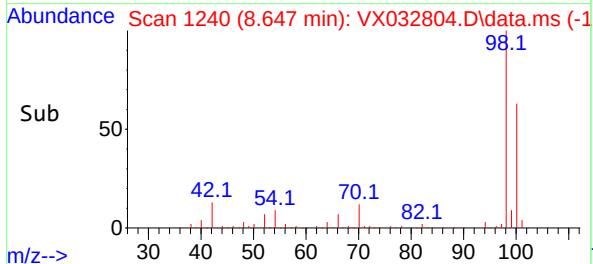
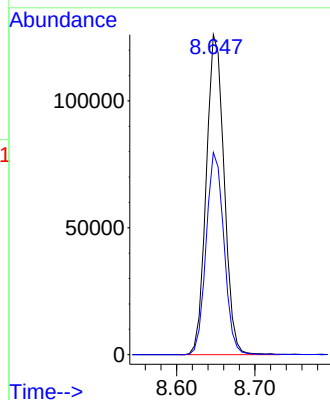
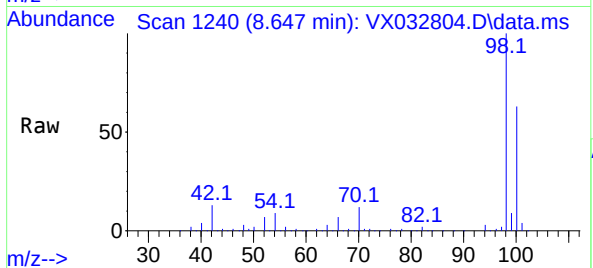
MH-118.5N-20221110

Tgt Ion: 98 Resp: 199647

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.594 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032804.D

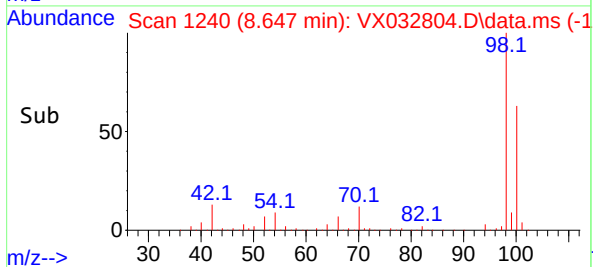
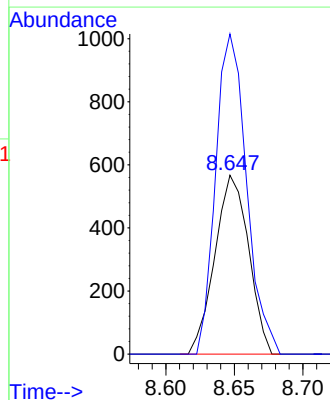
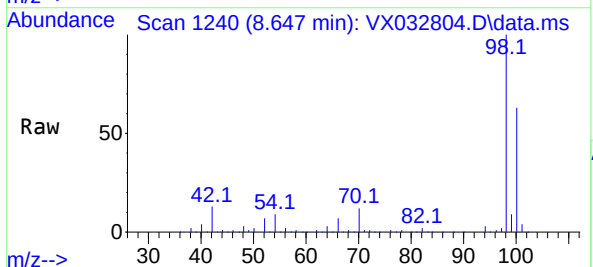
Acq: 14 Nov 2022 18:55

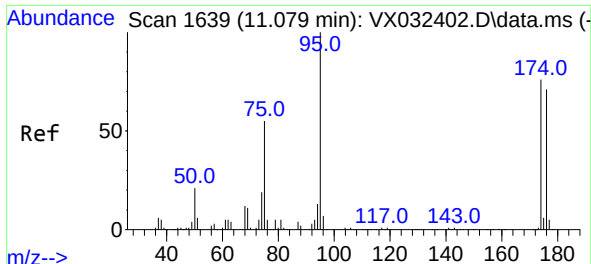
Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

58 163.6 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 47.396 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032804.D

Acq: 14 Nov 2022 18:55

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20221110

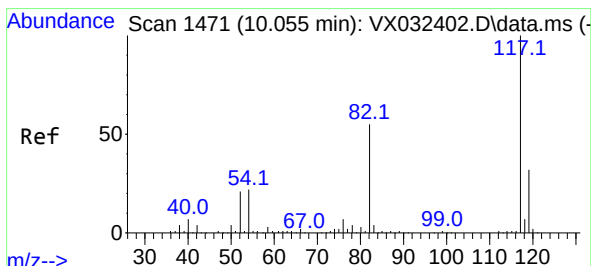
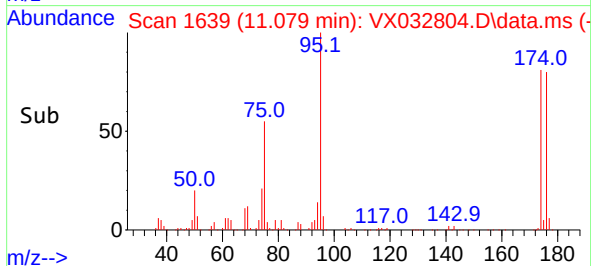
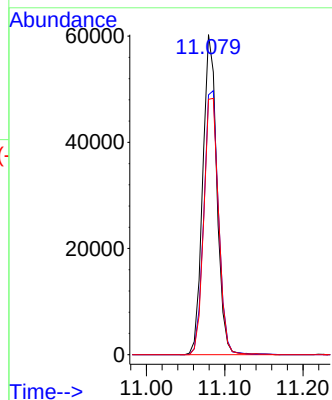
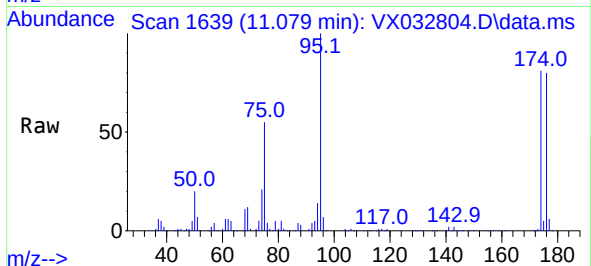
Tgt Ion: 95 Resp: 75217

Ion Ratio Lower Upper

95 100

174 85.9 0.0 164.0

176 84.0 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032804.D

Acq: 14 Nov 2022 18:55

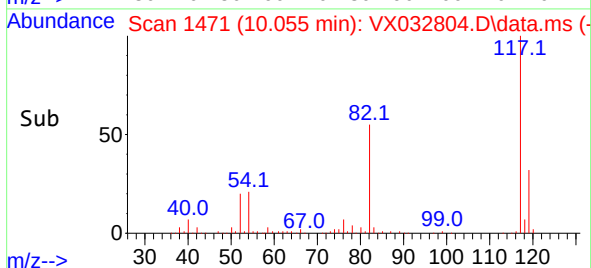
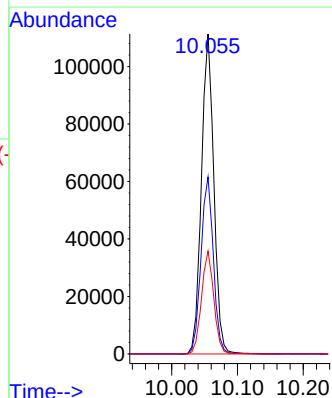
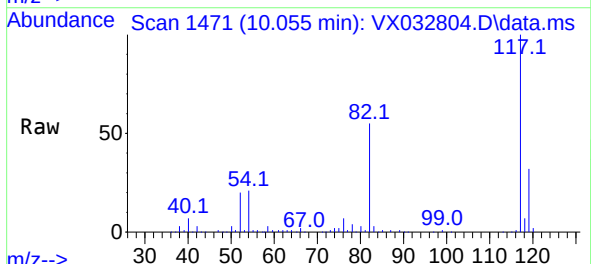
Tgt Ion: 117 Resp: 145638

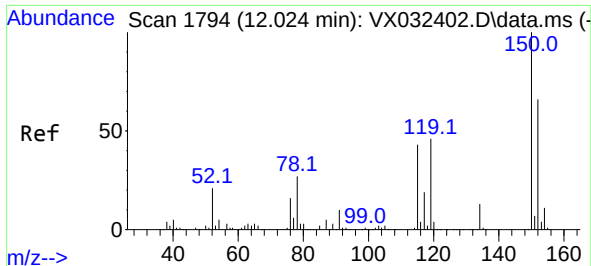
Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

119 32.2 25.7 38.5

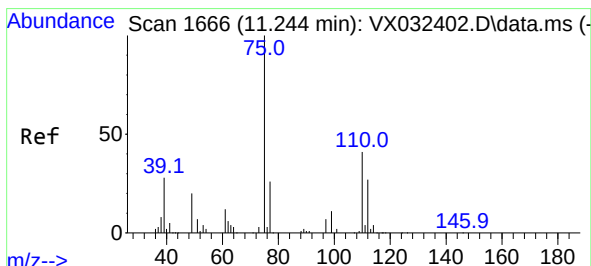
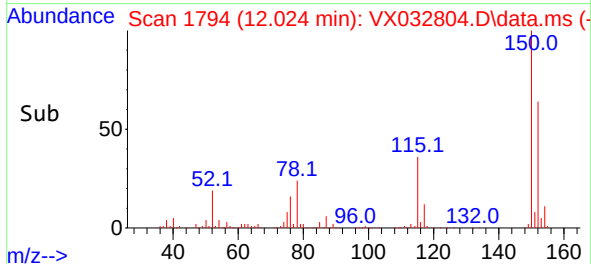
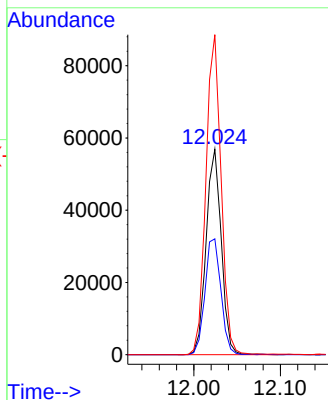
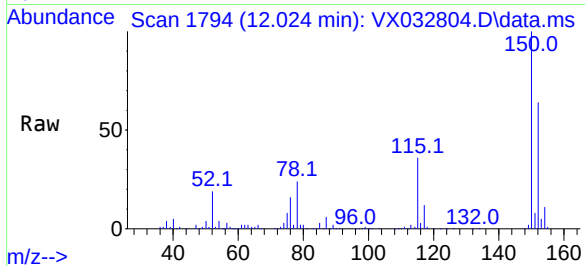




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

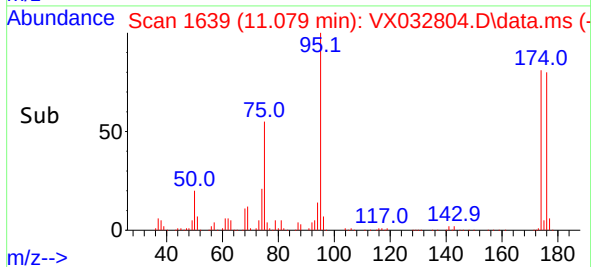
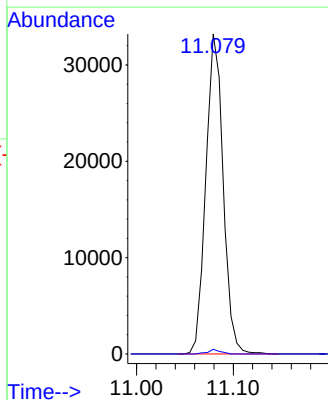
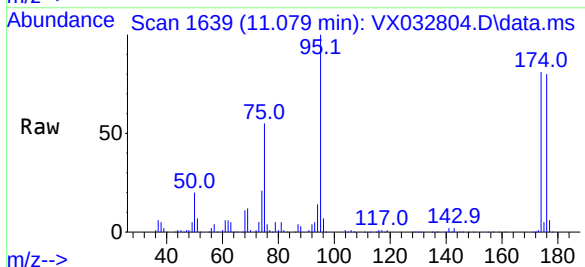
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20221110

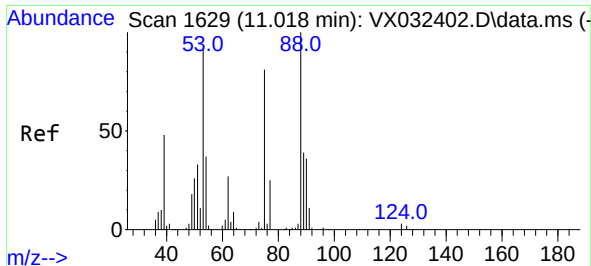
Tgt Ion:152 Resp: 69132
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 156.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

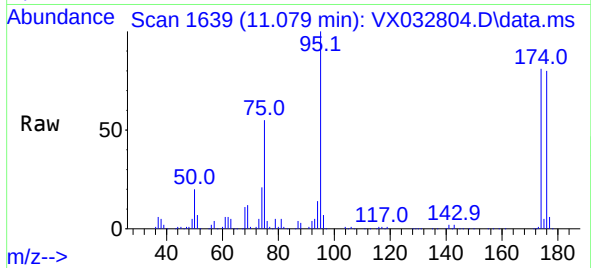
Tgt Ion: 75 Resp: 41456
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.769 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032804.D
Acq: 14 Nov 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20221110



Tgt Ion: 75 Resp: 41456
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

