

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032817.D
 Acq On : 15 Nov 2022 13:07
 Operator : JC/MD
 Sample : N5587-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 03:33:19 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)

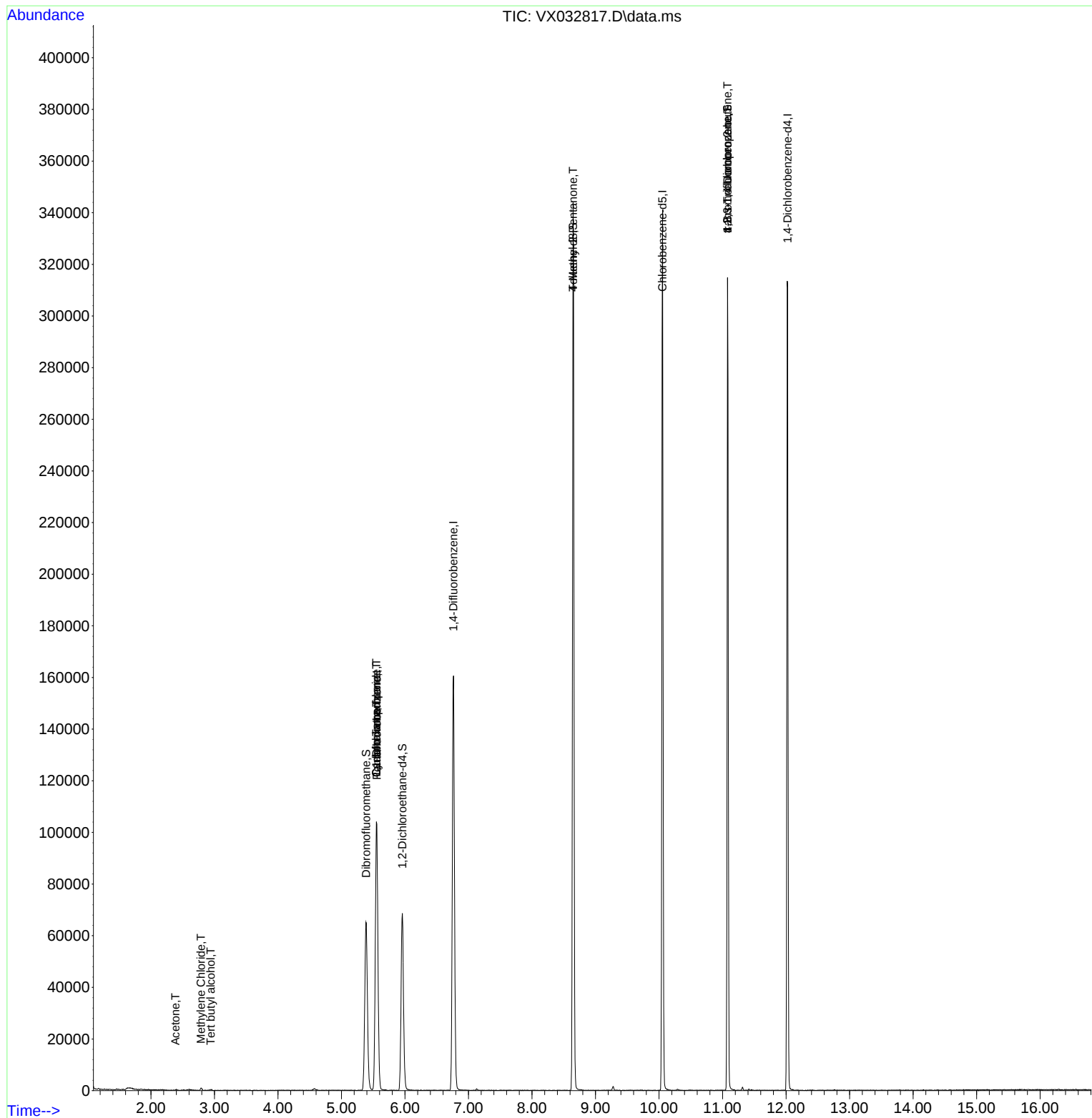
Internal Standards						
1) Pentafluorobenzene	5.556	168	99131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70301	51.039	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.080%
35) Dibromofluoromethane	5.385	113	56206	47.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	8.647	98	202132	49.527	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	76117	47.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	260	1.297	ug/l #	72
16) Acetone	2.386	43	473	0.945	ug/l #	45
20) Methylene Chloride	2.788	84	398	0.347	ug/l #	66
31) Cyclohexane	5.550	56	2137	1.280	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	7623	4.664	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10247	5.652	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	868	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42465	28.837	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42465	91.761	ug/l #	6

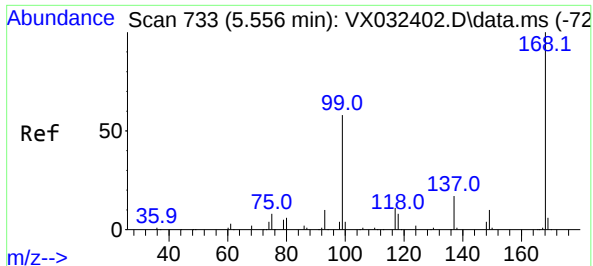
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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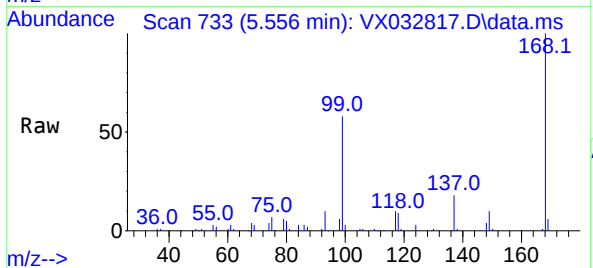
Quant Time: Nov 16 03:33:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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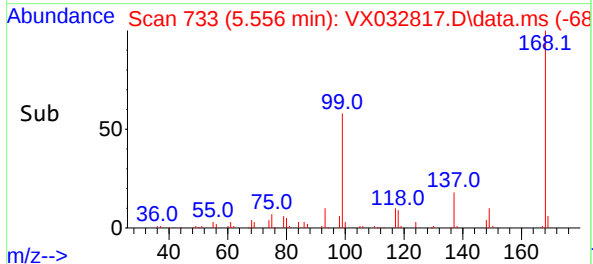
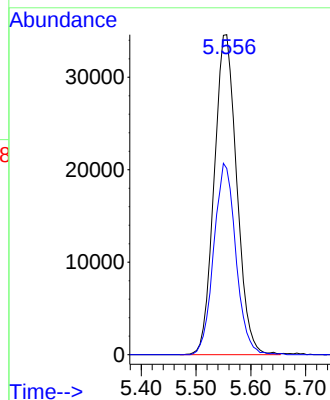


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :

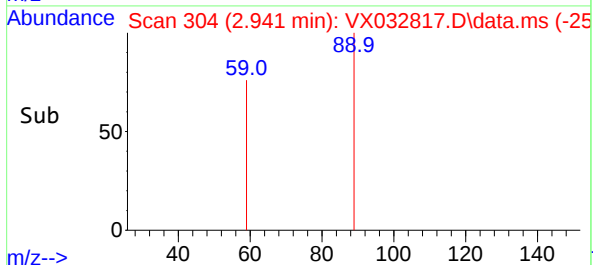
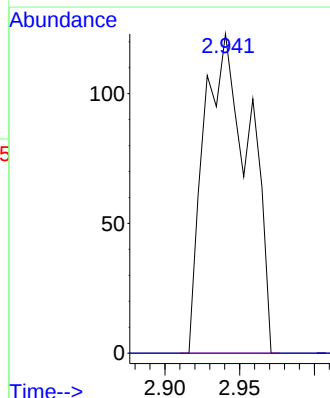
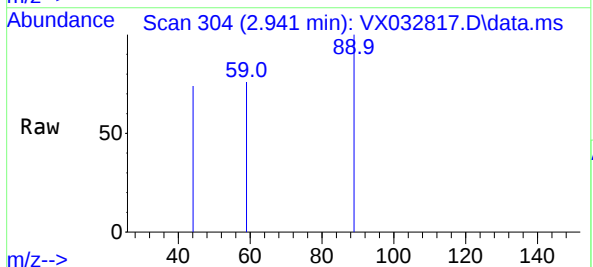


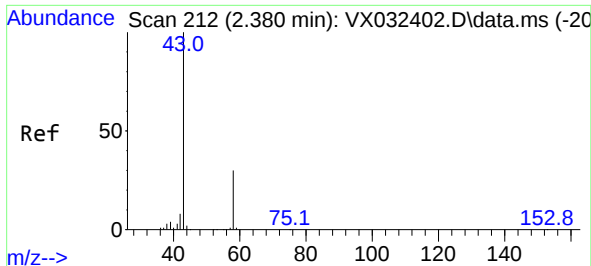
Tgt Ion:168 Resp: 99131
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.297 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

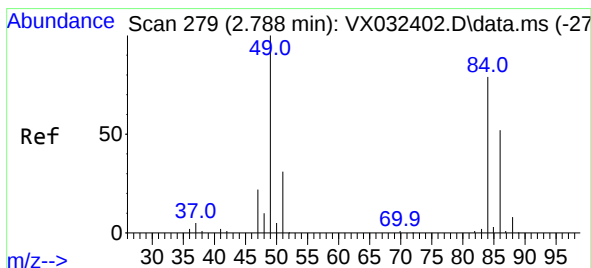
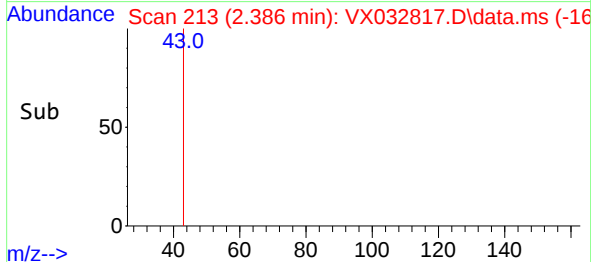
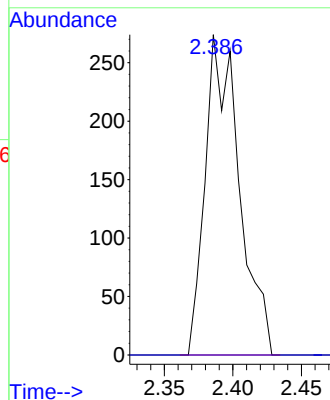
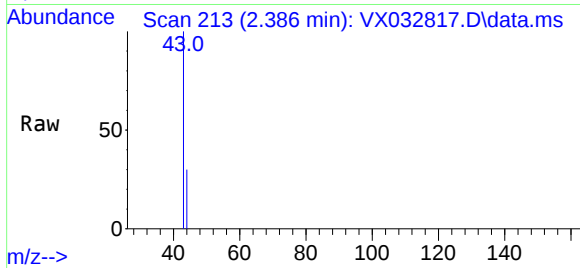




#16
Acetone
Concen: 0.945 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

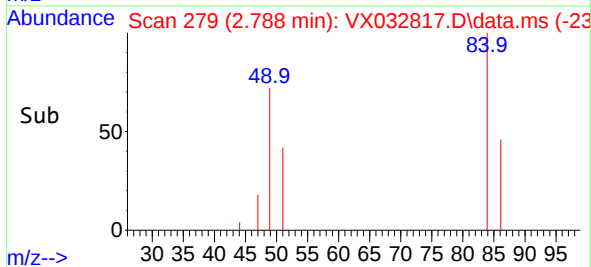
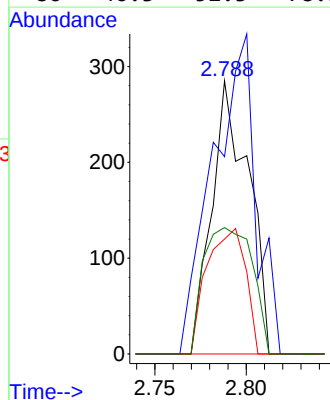
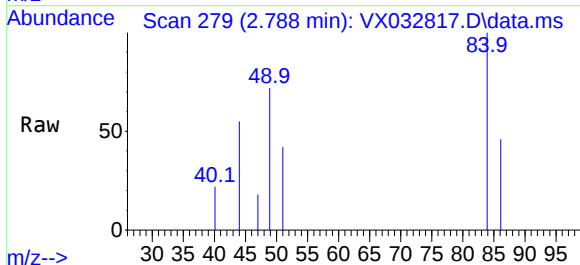
Instrument :
MSVOA_X
ClientSampleId :

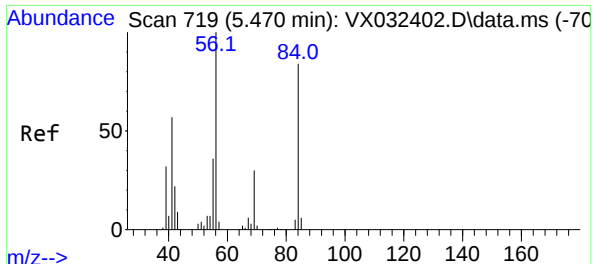
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.347 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Tgt Ion: 84 Resp: 398
Ion Ratio Lower Upper
84 100
49 72.3 101.0 151.6#
51 42.1 31.1 46.7
86 46.3 52.3 78.5#





#31

Cyclohexane

Concen: 1.280 ug/l

RT: 5.550 min Scan# 719

Delta R.T. 0.079 min

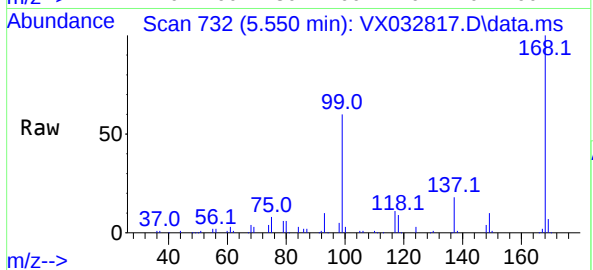
Lab File: VX032817.D

Acq: 15 Nov 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :



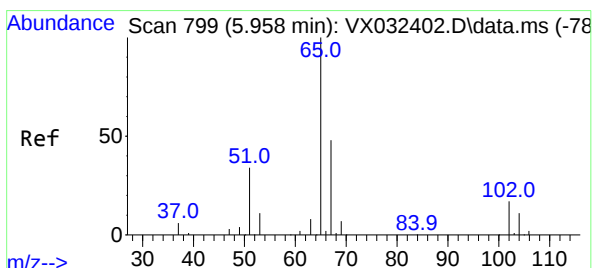
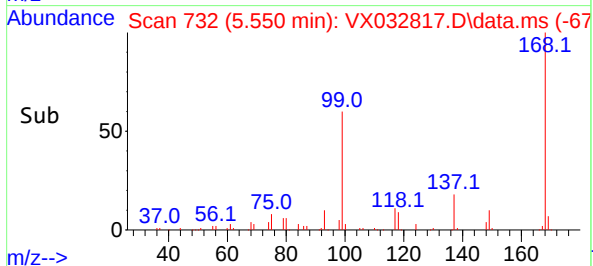
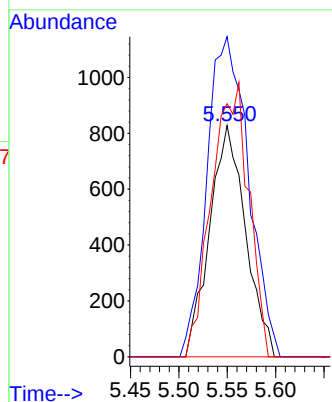
Tgt Ion: 56 Resp: 2137

Ion Ratio Lower Upper

56 100

69 138.4 24.1 36.1#

84 109.4 66.9 100.3#



#33

1,2-Dichloroethane-d4

Concen: 51.039 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032817.D

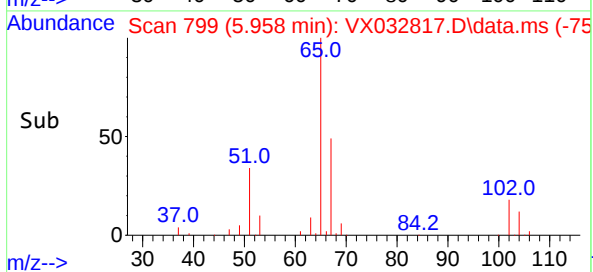
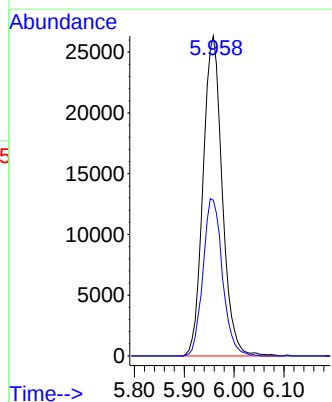
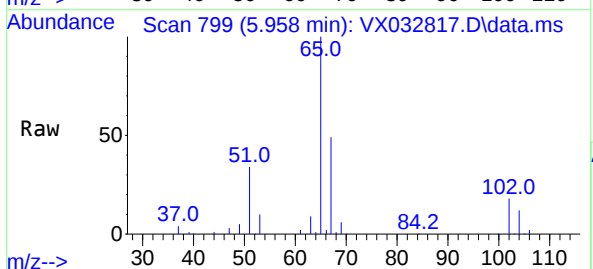
Acq: 15 Nov 2022 13:07

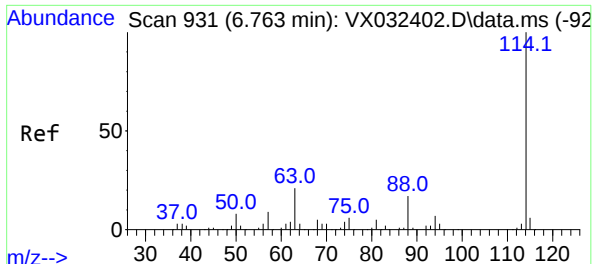
Tgt Ion: 65 Resp: 70301

Ion Ratio Lower Upper

65 100

67 49.9 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: VX032817.D

Acq: 15 Nov 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

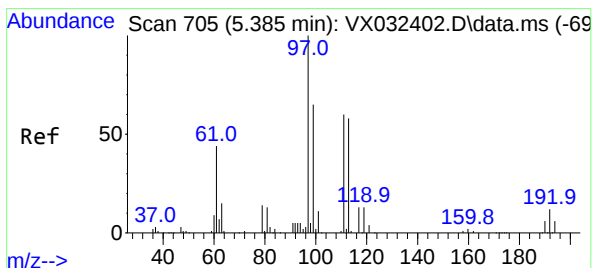
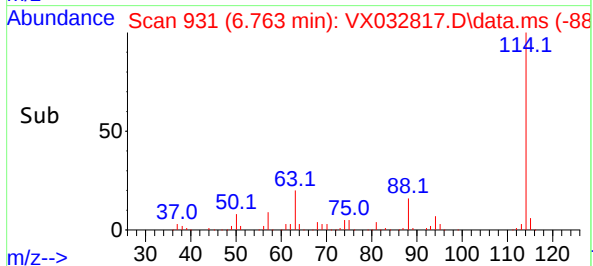
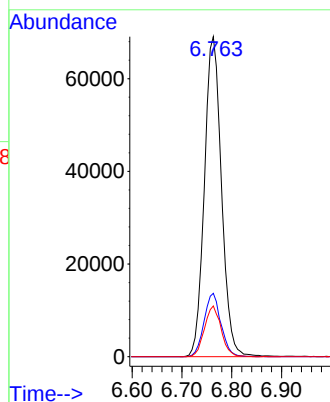
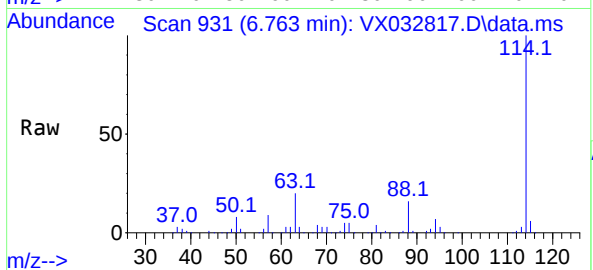
Tgt Ion:114 Resp: 164545

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.887 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032817.D

Acq: 15 Nov 2022 13:07

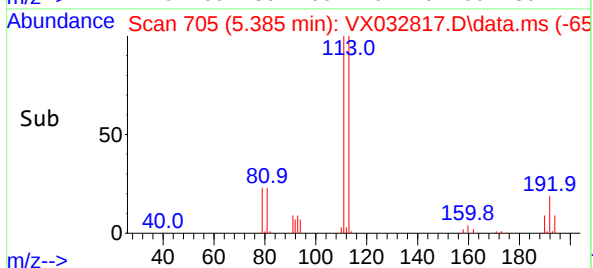
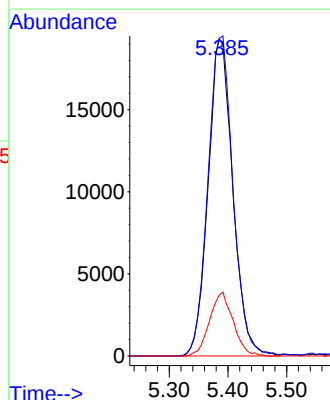
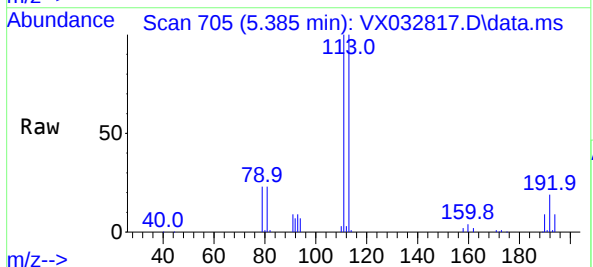
Tgt Ion:113 Resp: 56206

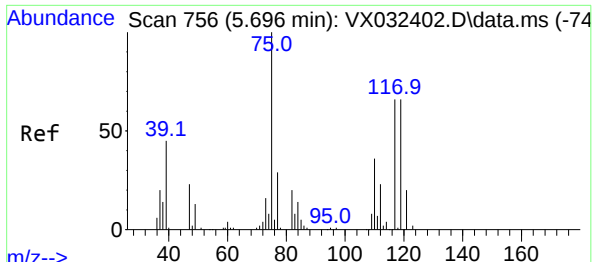
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

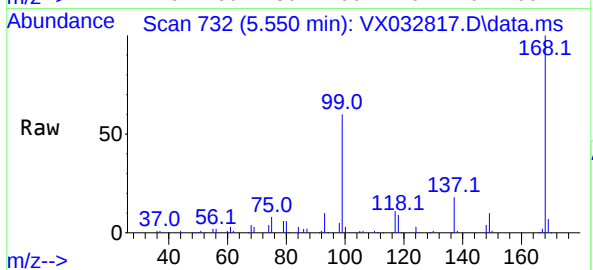
192 19.2 15.4 23.2



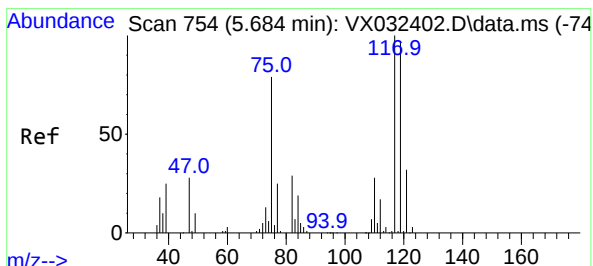
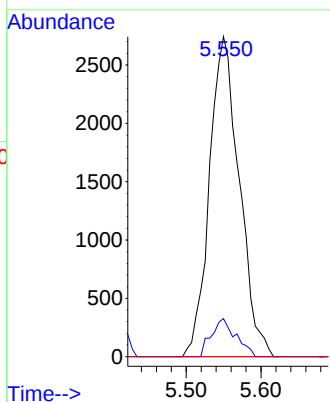
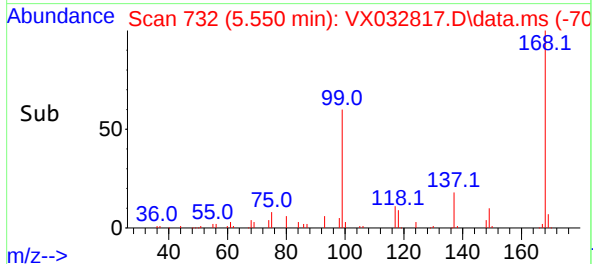


#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

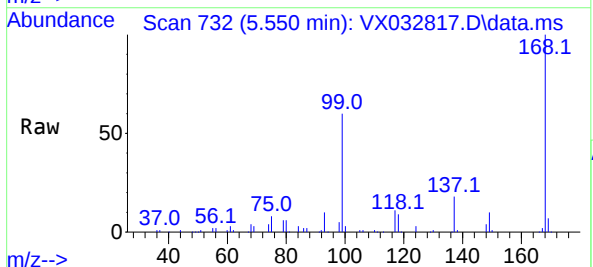
Instrument :
MSVOA_X
ClientSampleId :



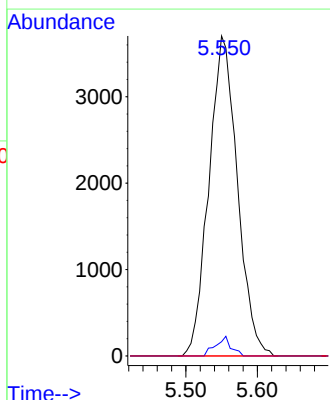
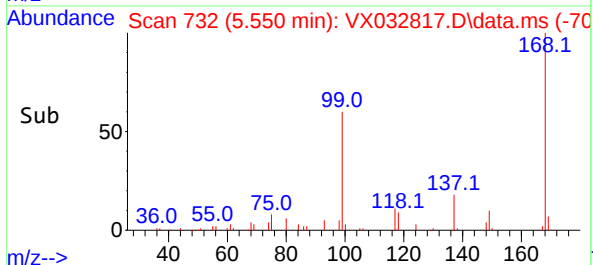
Tgt Ion: 75 Resp: 7623
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#

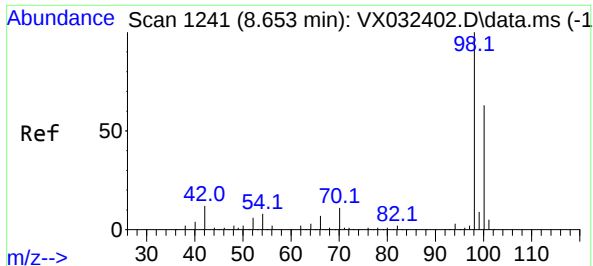


#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07



Tgt Ion: 117 Resp: 10247
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.527 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032817.D

Acq: 15 Nov 2022 13:07

Instrument :

MSVOA_X

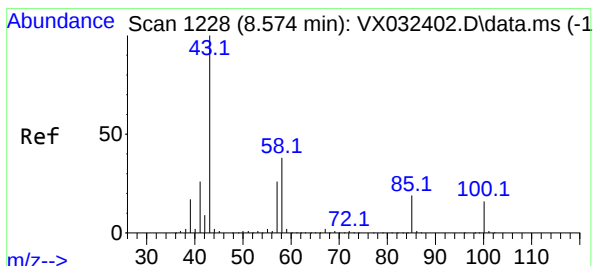
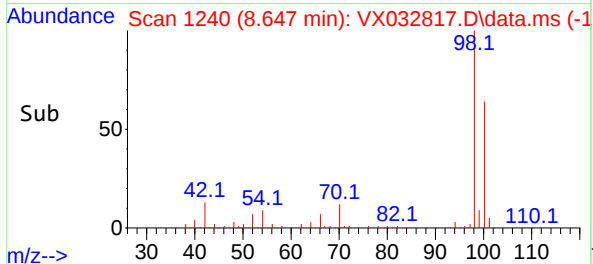
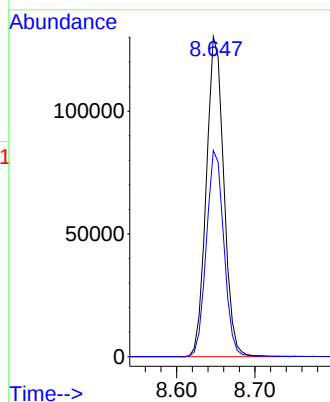
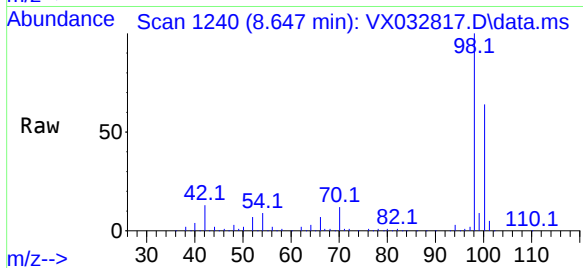
ClientSampleId :

Tgt Ion: 98 Resp: 202132

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.528 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032817.D

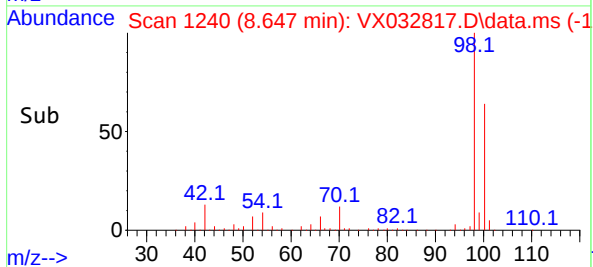
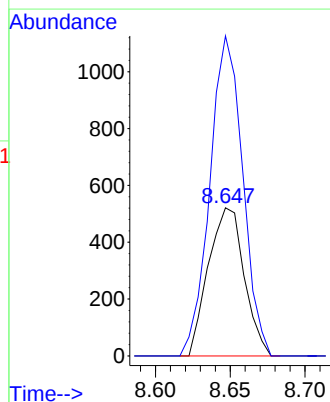
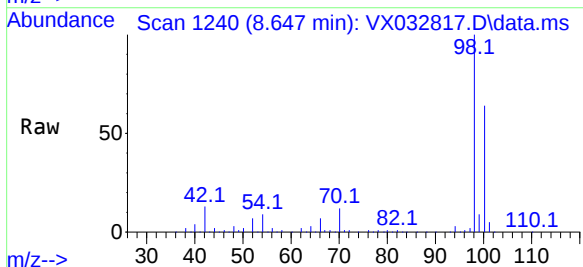
Acq: 15 Nov 2022 13:07

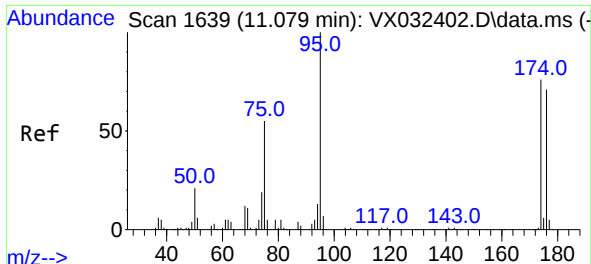
Tgt Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

58 198.4 30.9 46.3#

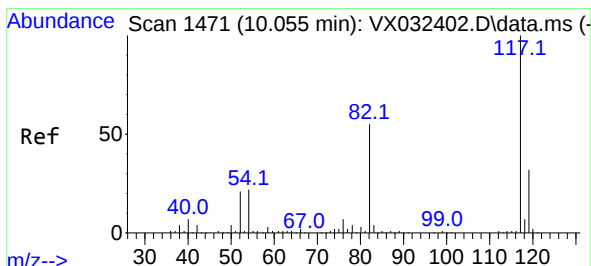
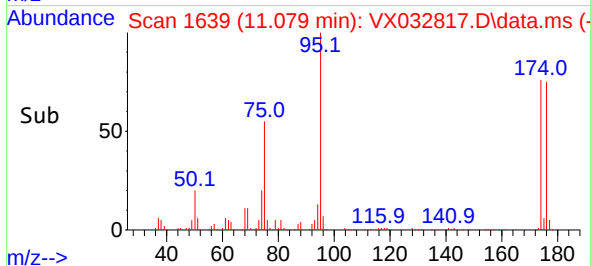
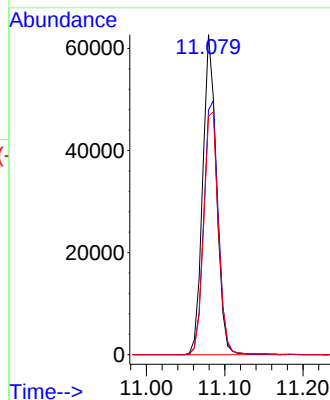
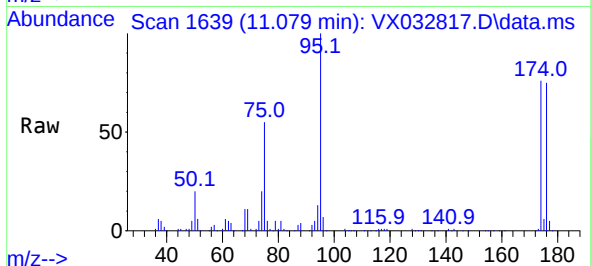




#62
4-Bromofluorobenzene
Concen: 47.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

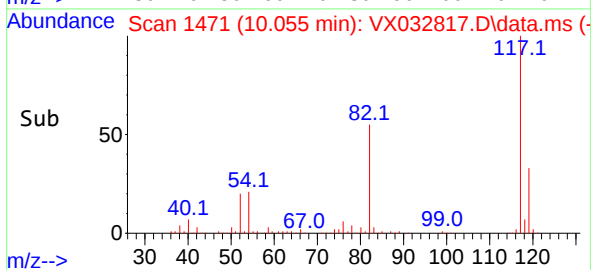
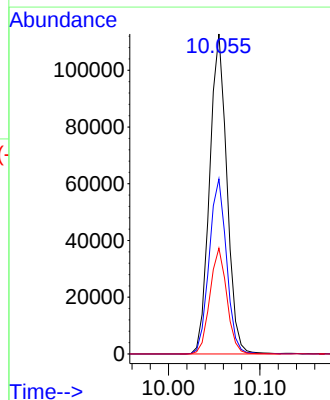
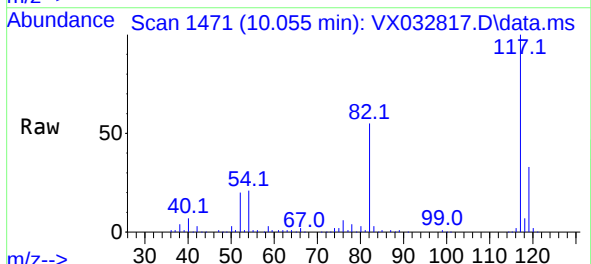
Instrument :
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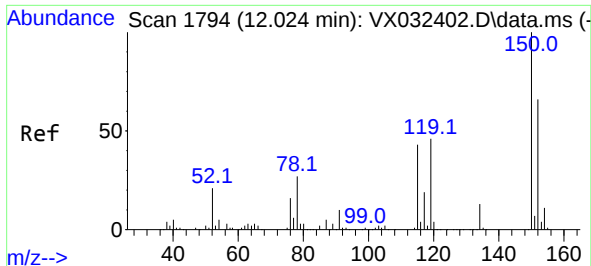
Tgt Ion: 95 Resp: 76117
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.0
176 81.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

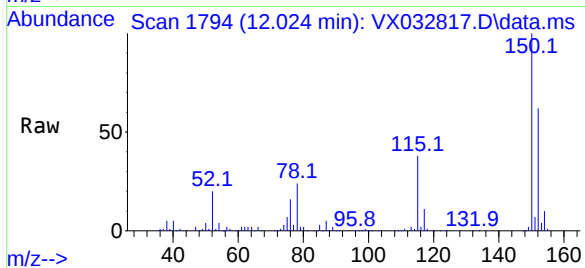
Tgt Ion: 117 Resp: 147874
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 33.0 25.7 38.5



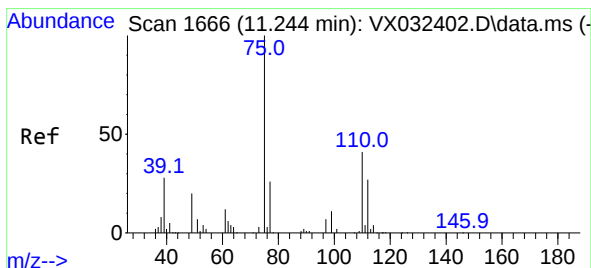
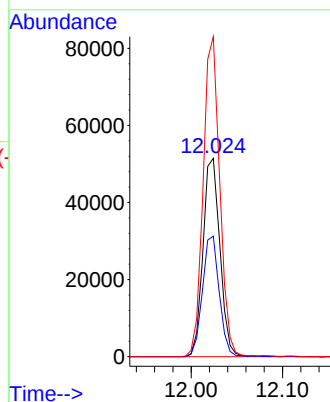
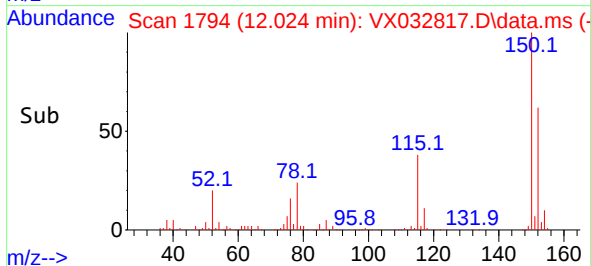


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :

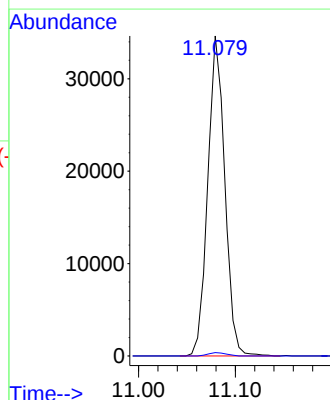
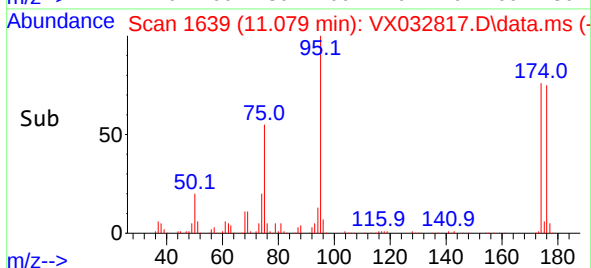
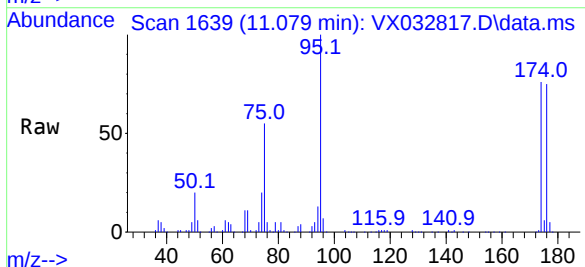


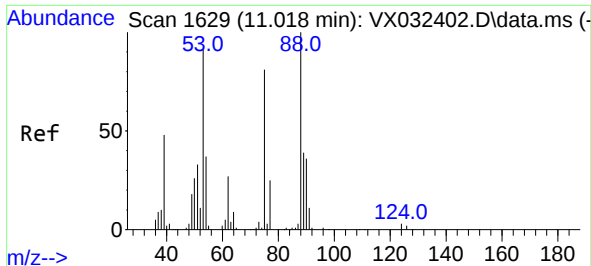
Tgt Ion:152 Resp: 66190
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 158.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

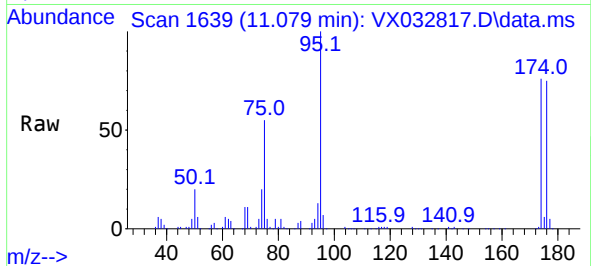
Tgt Ion: 75 Resp: 42465
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.761 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032817.D
Acq: 15 Nov 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 42465
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

