

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032678.D
 Acq On : 09 Nov 2022 14:44
 Operator : JC/MD
 Sample : N5514-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Nov 10 03:04:42 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)

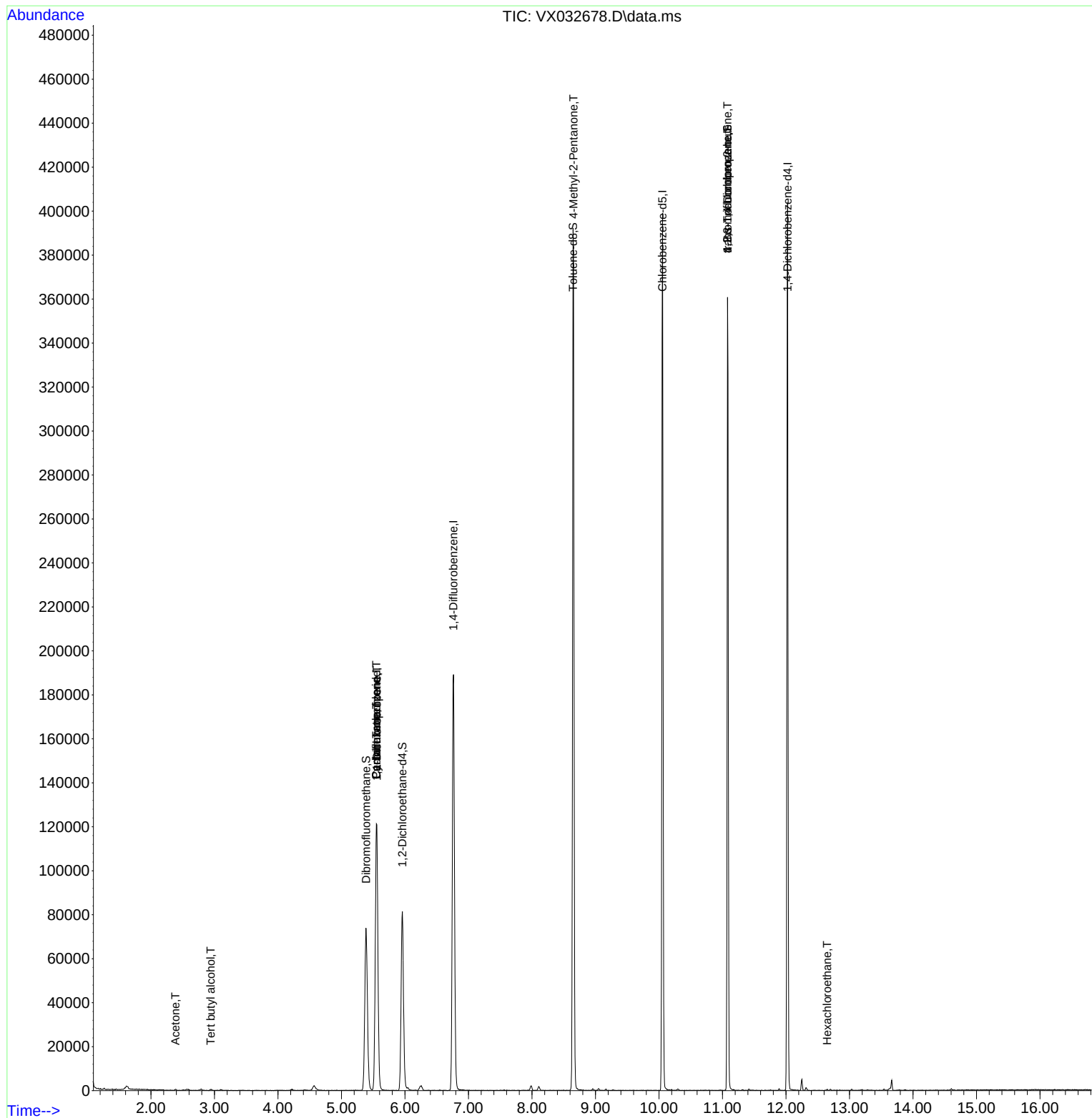
Internal Standards						
1) Pentafluorobenzene	5.550	168	114478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80362	50.522	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.040%
35) Dibromofluoromethane	5.385	113	62724	45.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.647	98	234857	48.878	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	90161	48.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	239	1.032	ug/l #	72
16) Acetone	2.386	43	616	1.066	ug/l	90
31) Cyclohexane	5.550	56	2610	1.353	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	9008	4.681	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12138	5.687	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1297	0.670	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49349	27.226	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49349	86.632	ug/l #	6
90) Hexachloroethane	12.646	117	308	0.335	ug/l #	12

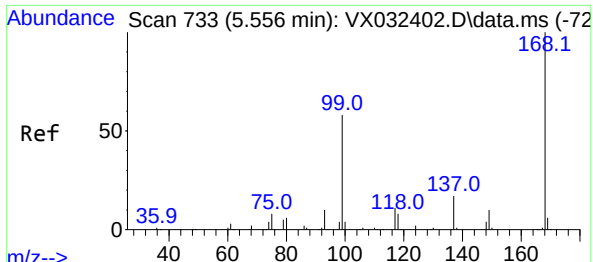
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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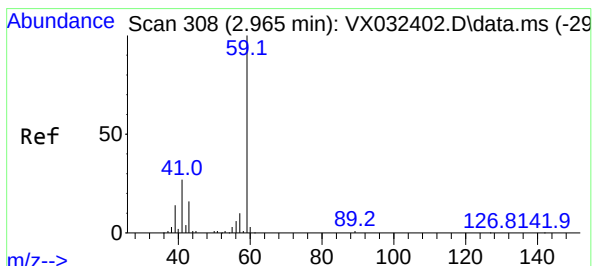
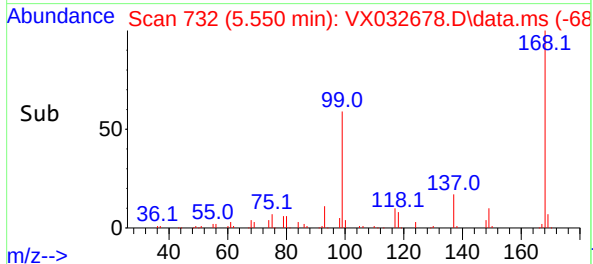
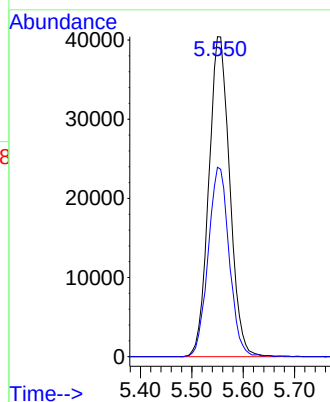
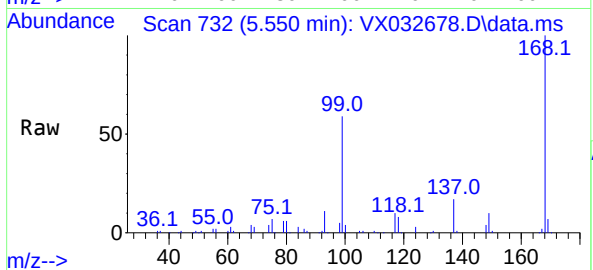




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

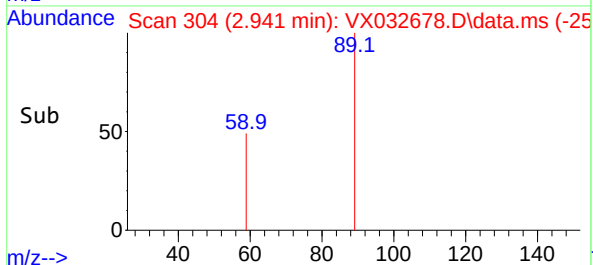
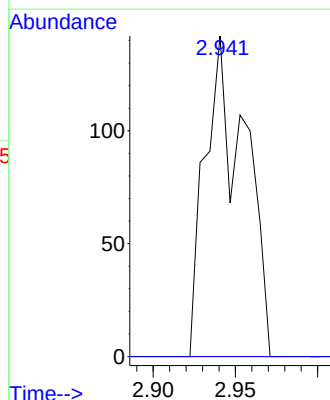
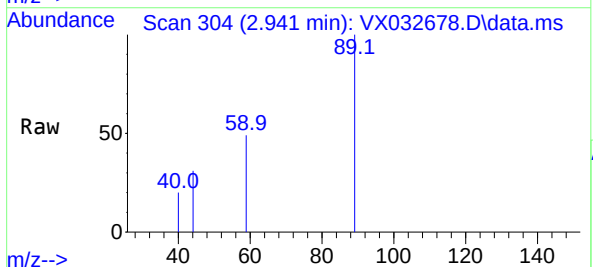
Instrument :
MSVOA_X
ClientSampleId :
MW-17

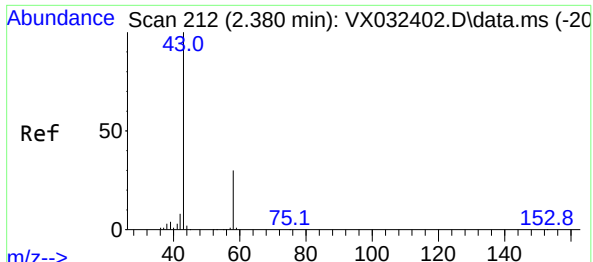
Tgt Ion:168 Resp: 114478
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.032 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

Tgt Ion: 59 Resp: 239
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

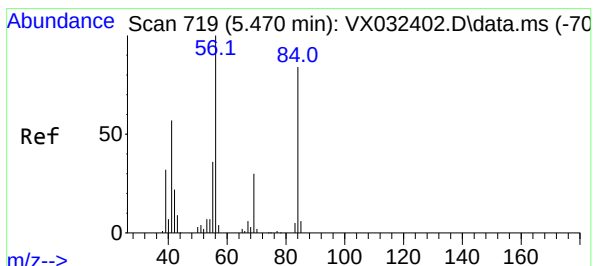
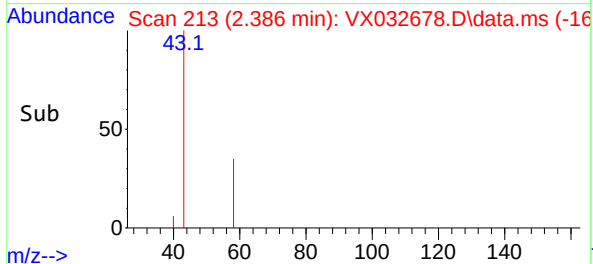
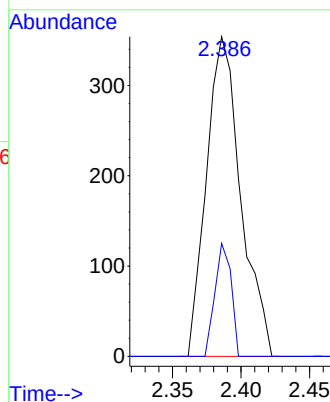
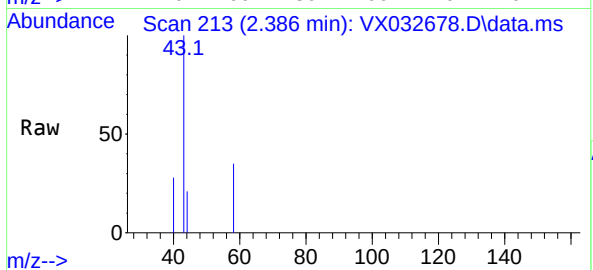




#16
Acetone
Concen: 1.066 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

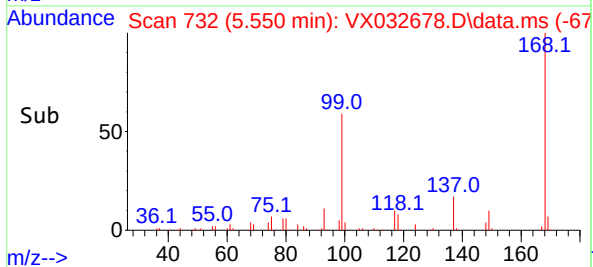
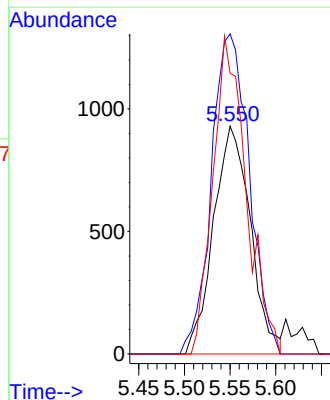
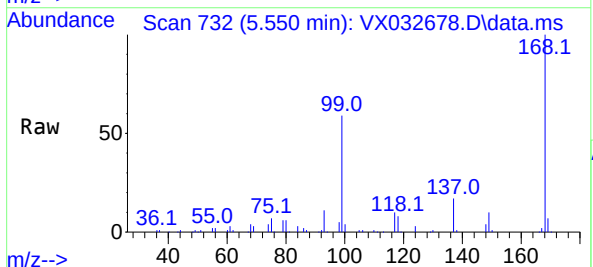
Instrument :
MSVOA_X
ClientSampleId :
MW-17

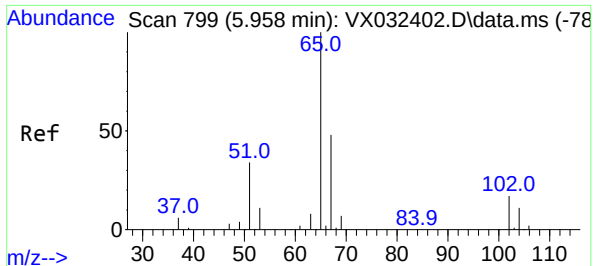
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 35.3 23.8 35.8



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

Tgt Ion: 56 Resp: 2610
Ion Ratio Lower Upper
56 100
69 140.4 24.1 36.1#
84 123.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.522 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032678.D

Acq: 09 Nov 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

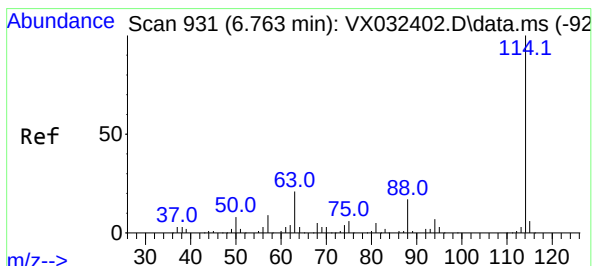
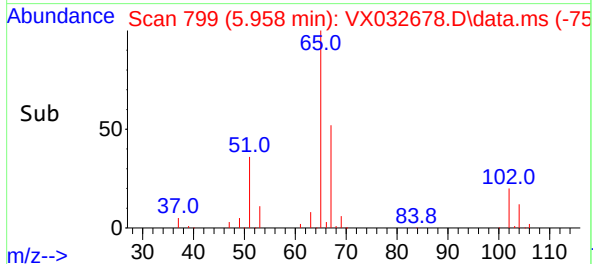
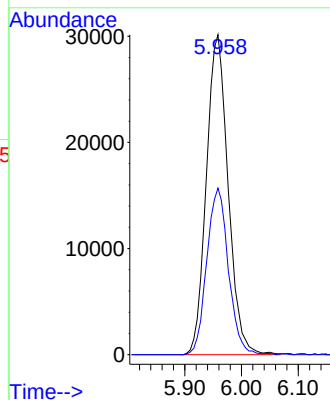
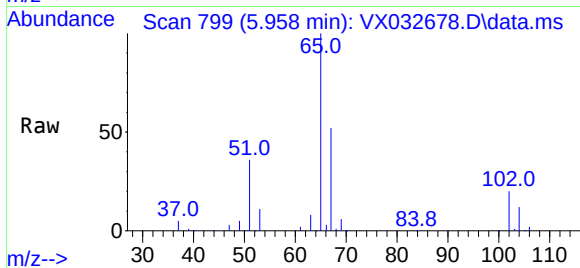
MW-17

Tgt Ion: 65 Resp: 80362

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032678.D

Acq: 09 Nov 2022 14:44

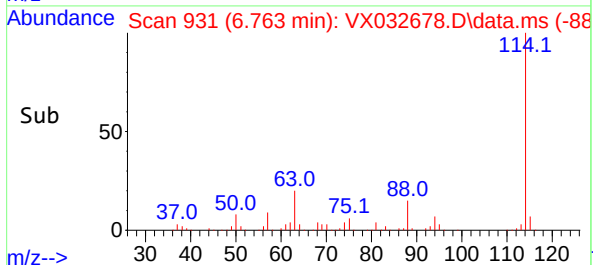
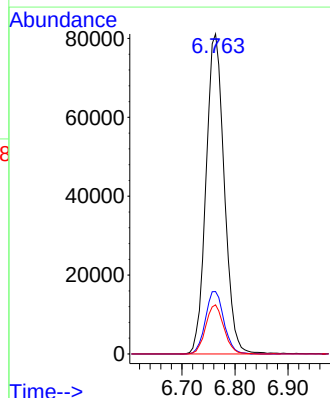
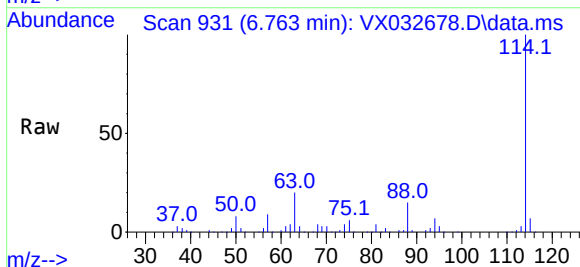
Tgt Ion: 114 Resp: 193721

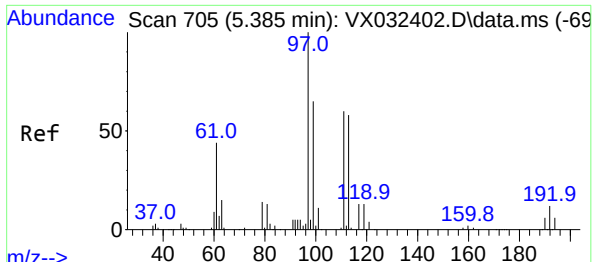
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.3 0.0 33.4

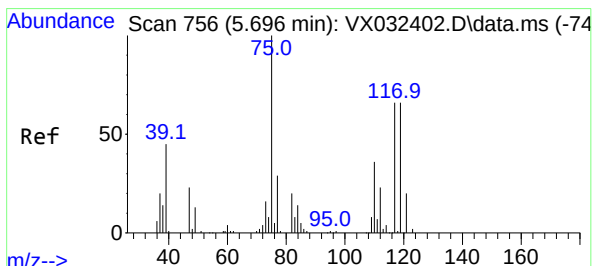
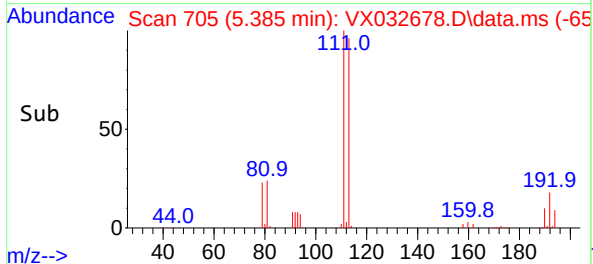
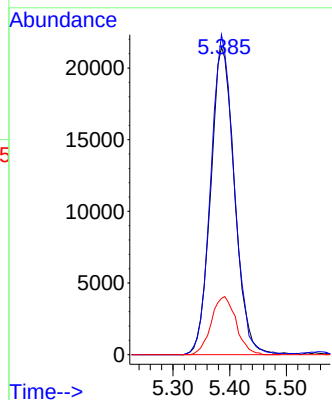
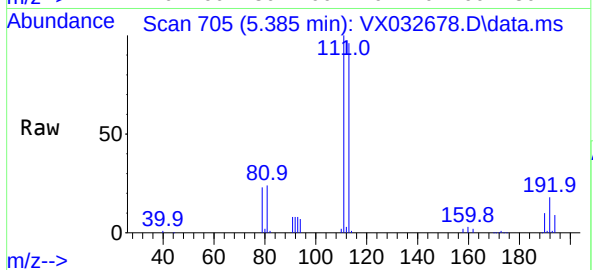




#35
Dibromofluoromethane
Concen: 45.392 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

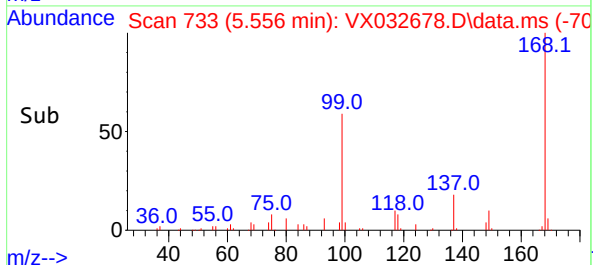
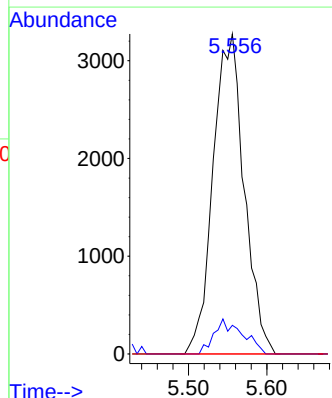
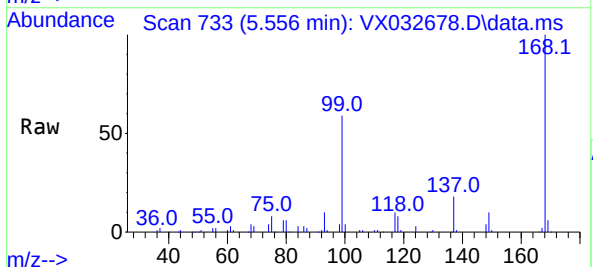
Instrument :
MSVOA_X
ClientSampleId :
MW-17

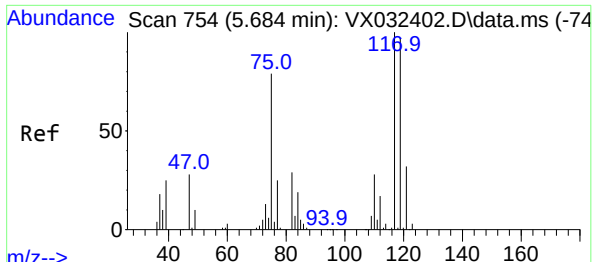
Tgt Ion:113 Resp: 62724
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

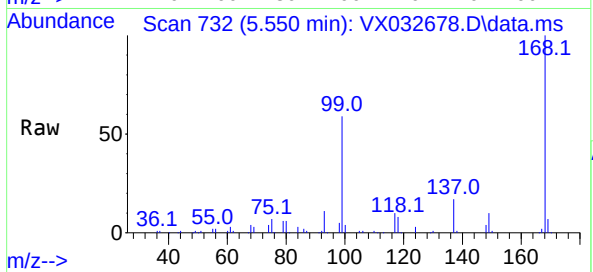
Tgt Ion: 75 Resp: 9008
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



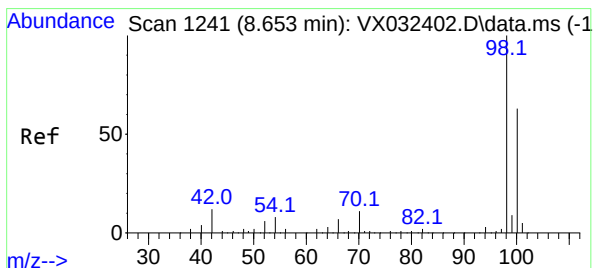
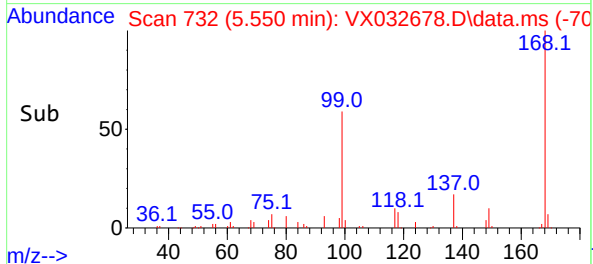
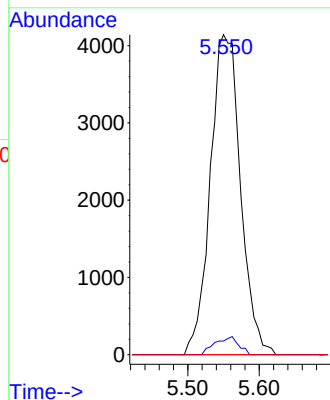


#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW-17

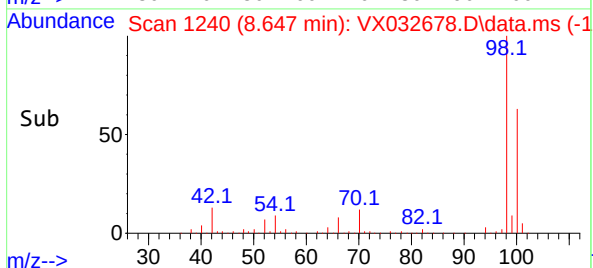
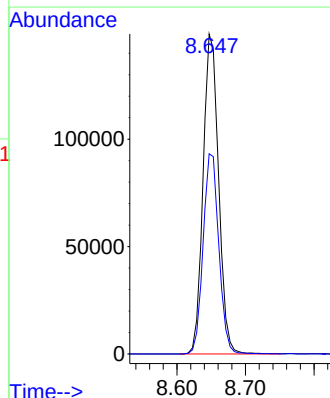
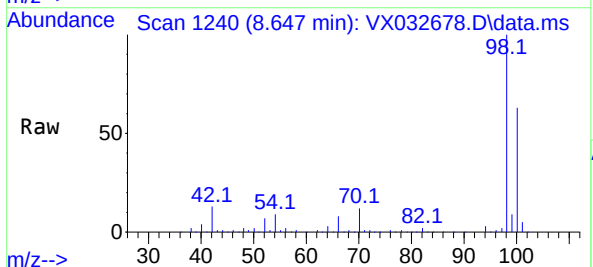


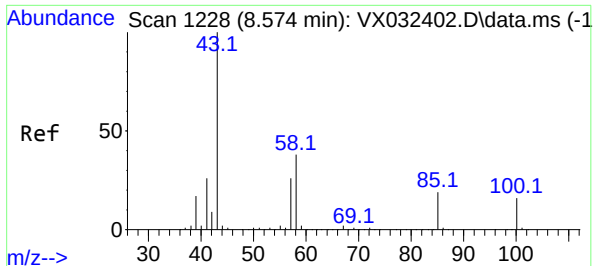
Tgt Ion:117 Resp: 12138
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.878 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

Tgt Ion: 98 Resp: 234857
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.670 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032678.D

Acq: 09 Nov 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

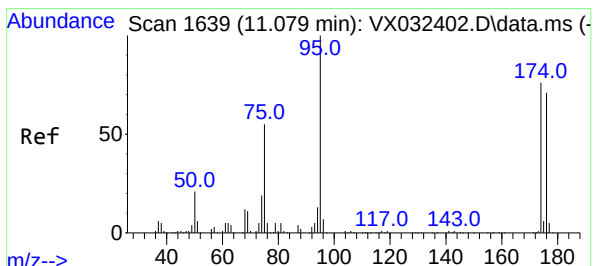
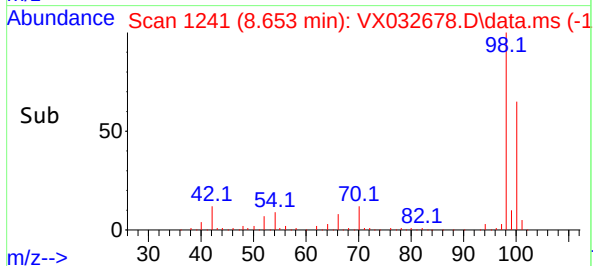
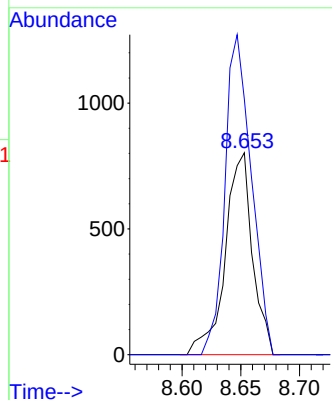
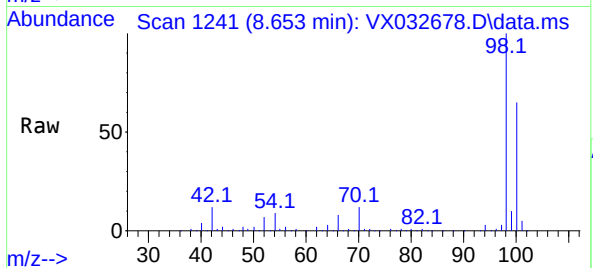
MW-17

Tgt Ion: 43 Resp: 1297

Ion Ratio Lower Upper

43 100

58 153.1 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 48.037 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032678.D

Acq: 09 Nov 2022 14:44

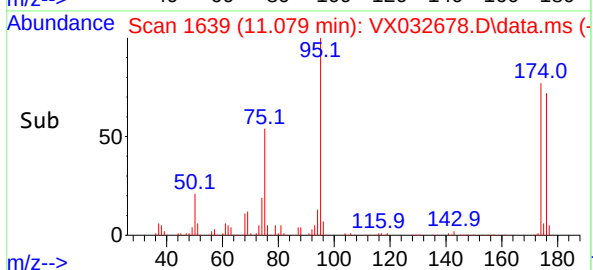
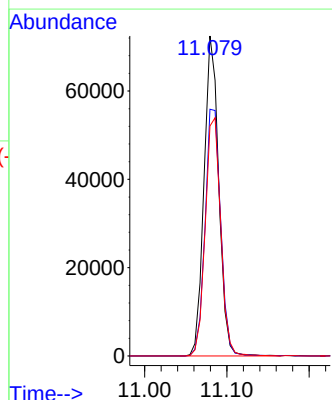
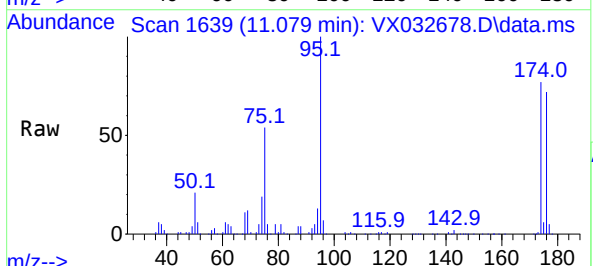
Tgt Ion: 95 Resp: 90161

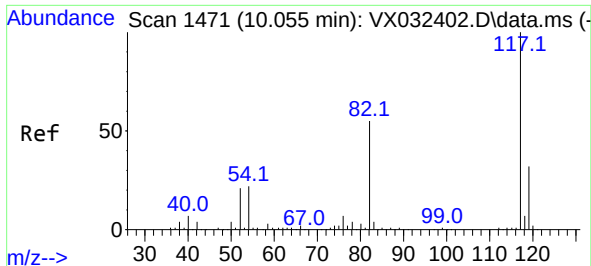
Ion Ratio Lower Upper

95 100

174 81.6 0.0 164.0

176 78.4 0.0 154.4

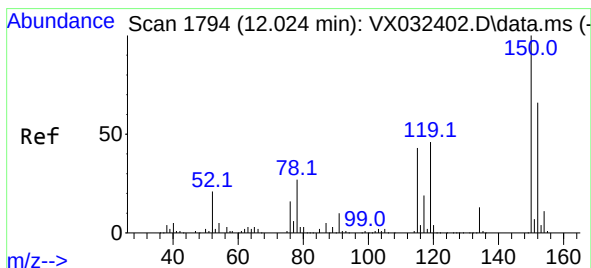
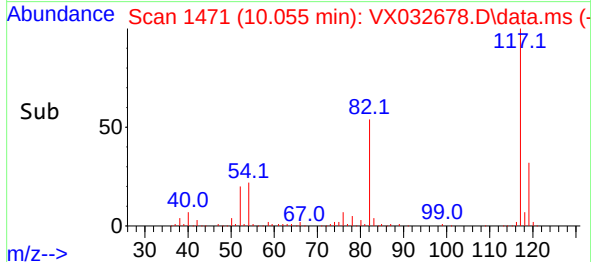
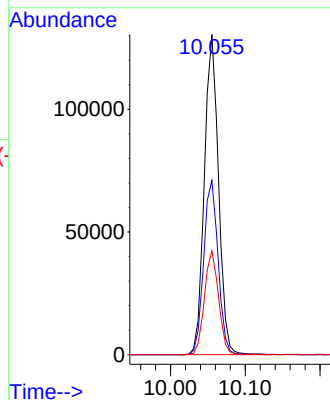
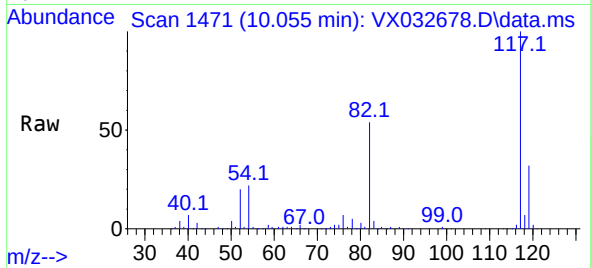




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

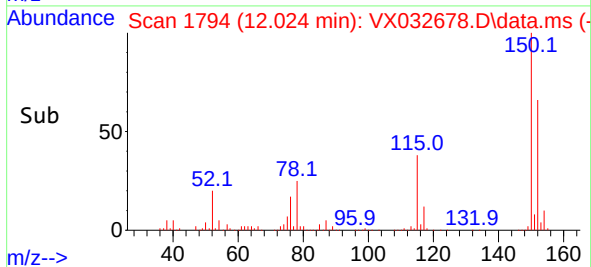
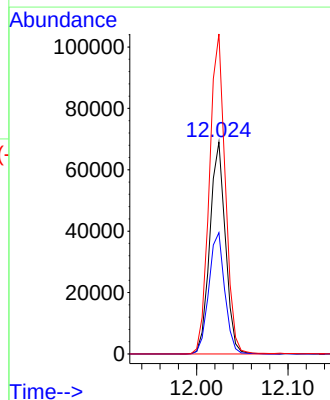
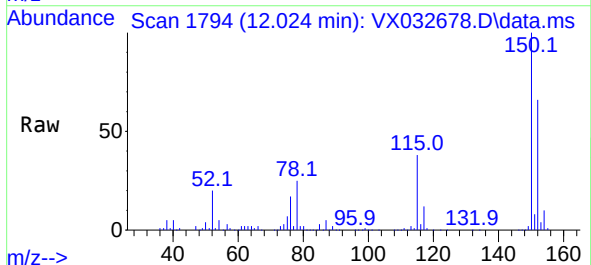
Instrument :
MSVOA_X
ClientSampleId :
MW-17

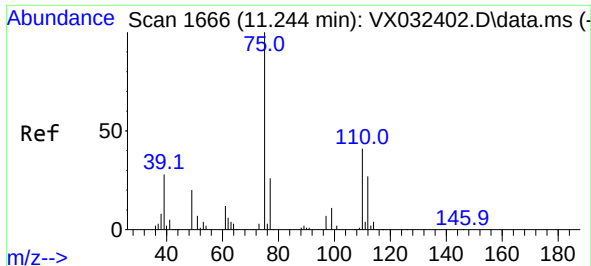
Tgt Ion:117 Resp: 171810
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

Tgt Ion:152 Resp: 81474
Ion Ratio Lower Upper
152 100
115 58.6 44.0 132.0
150 154.3 0.0 351.8

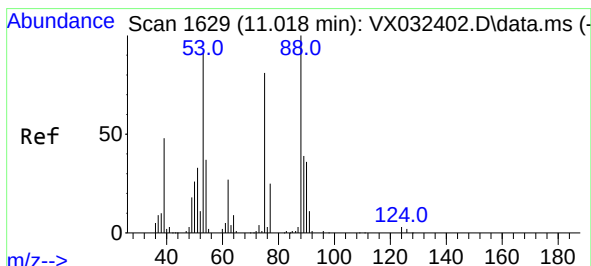
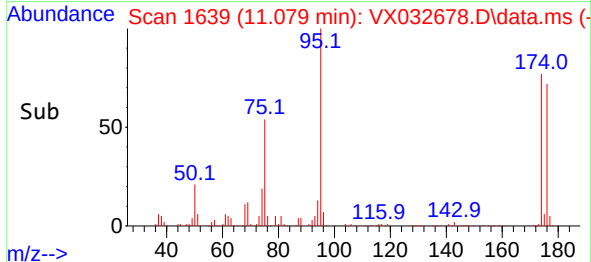
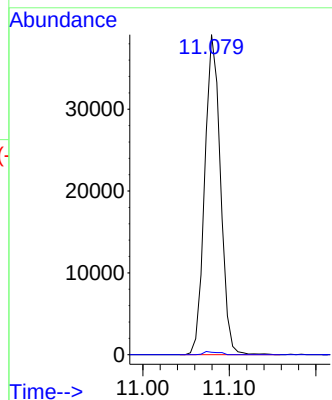
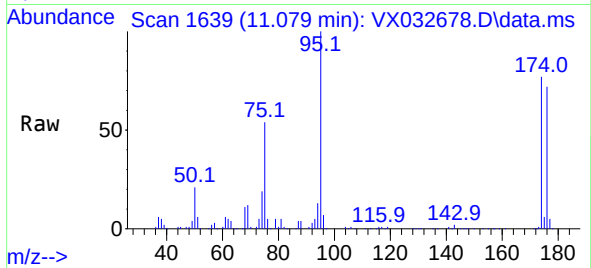




#76
1,2,3-Trichloropropane
Concen: 27.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

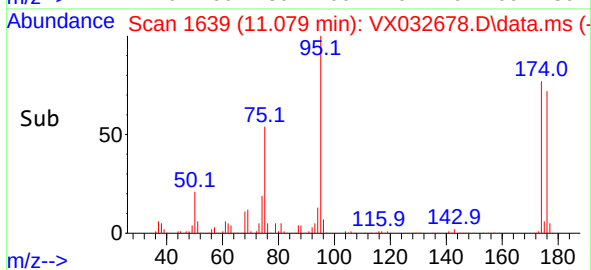
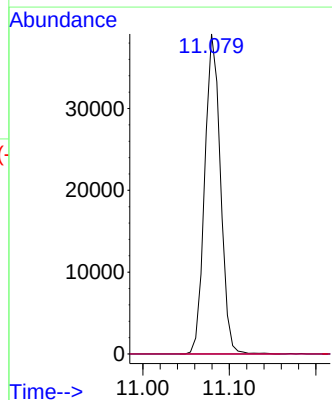
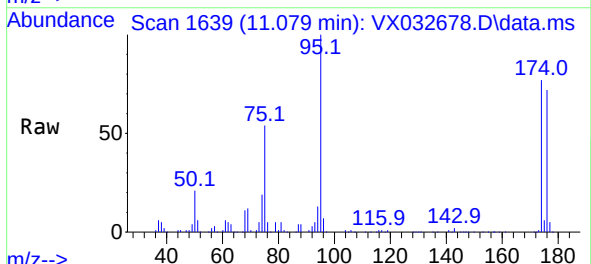
Instrument :
MSVOA_X
ClientSampleId :
MW-17

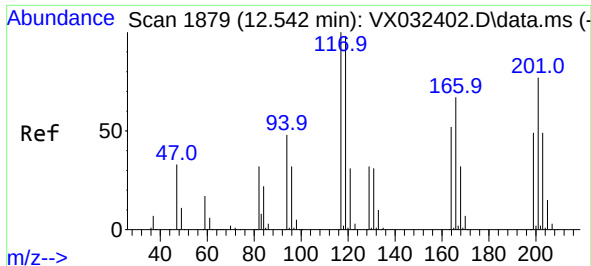
Tgt Ion: 75 Resp: 49349
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032678.D
Acq: 09 Nov 2022 14:44

Tgt Ion: 75 Resp: 49349
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#90
 Hexachloroethane
 Concen: 0.335 ug/l
 RT: 12.646 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VX032678.D
 Acq: 09 Nov 2022 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Tgt Ion:117 Resp: 308
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

