

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062623\
 Data File : VX036333.D
 Acq On : 26 Jun 2023 16:53
 Operator : JC/MD
 Sample : 03319-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 04:25:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

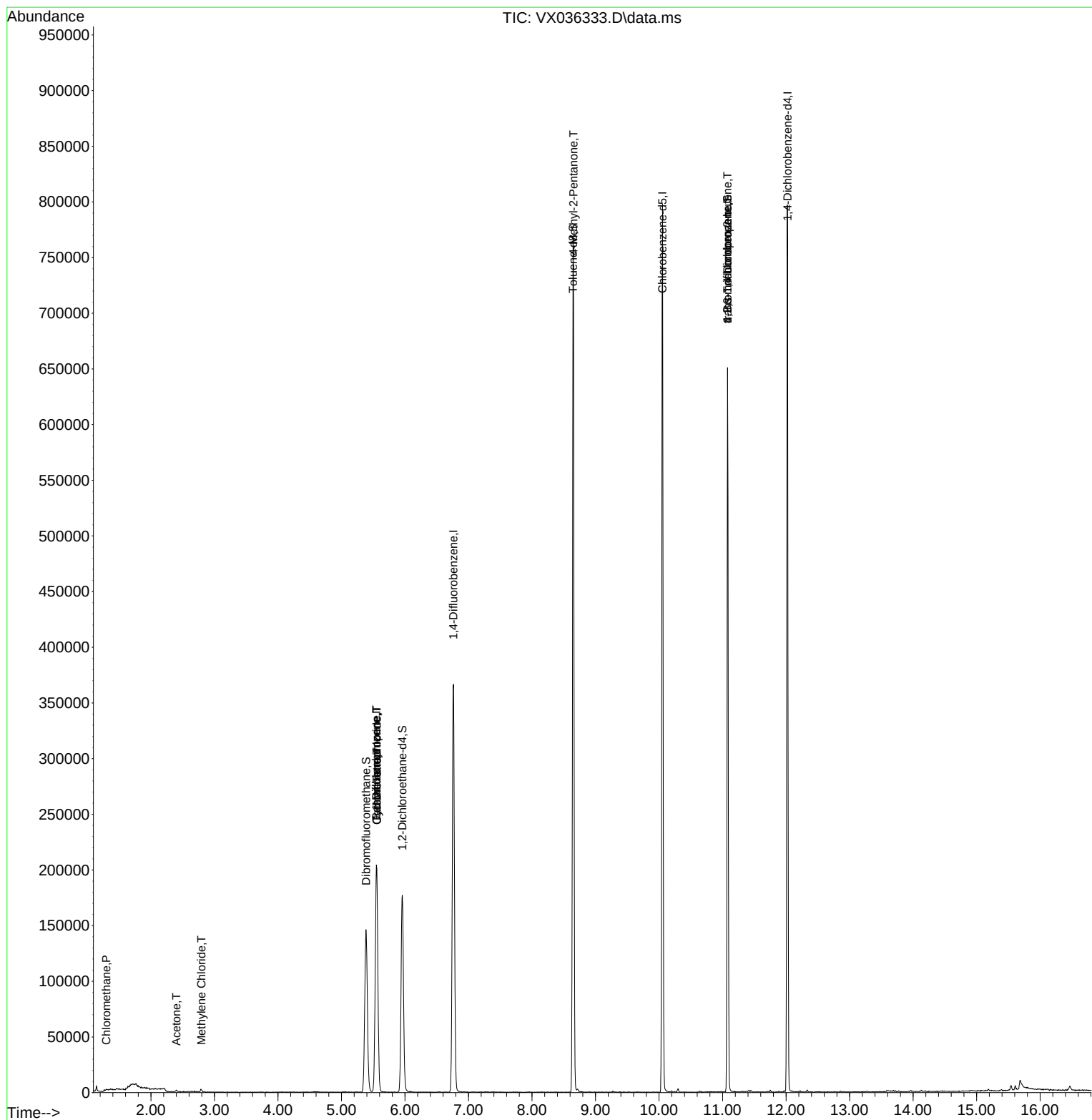
Internal Standards						
1) Pentafluorobenzene	5.550	168	195222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377442	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174081	62.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 124.420%#	
35) Dibromofluoromethane	5.385	113	128680	51.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.400%	
50) Toluene-d8	8.647	98	460406	49.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	11.079	95	170892	52.194	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	706	0.220	ug/l	90
16) Acetone	2.398	43	2167	1.812	ug/l #	88
20) Methylene Chloride	2.794	84	1309	0.508	ug/l #	68
31) Cyclohexane	5.556	56	3867	1.078	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15590	4.202	ug/l #	50
38) Carbon Tetrachloride	5.556	117	19474	5.747	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2143	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88369	25.563	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	88369	83.328	ug/l #	5

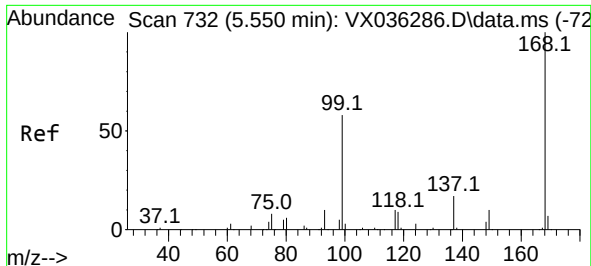
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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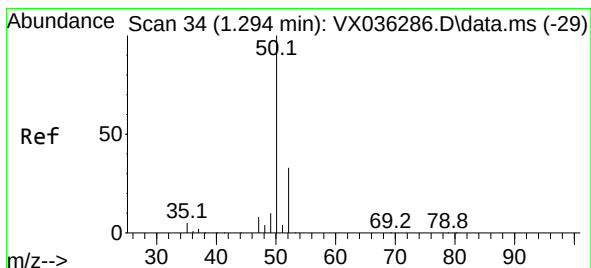
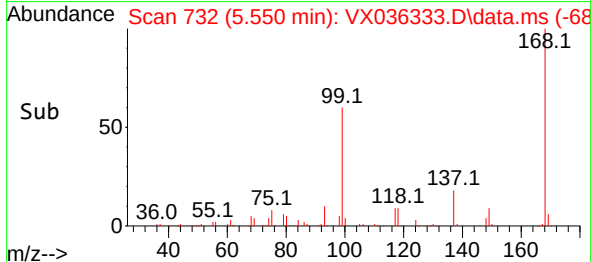
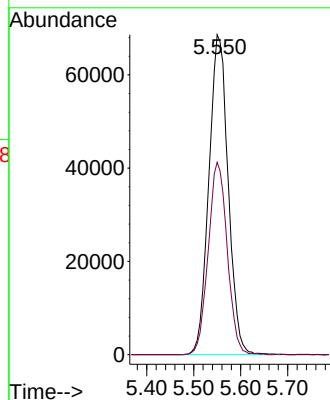
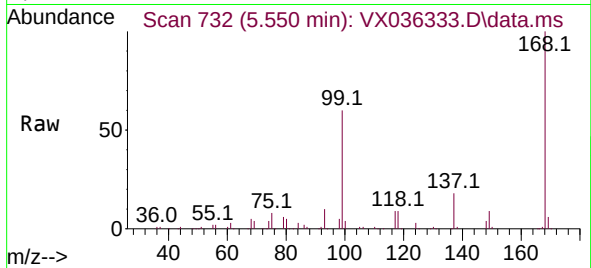




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

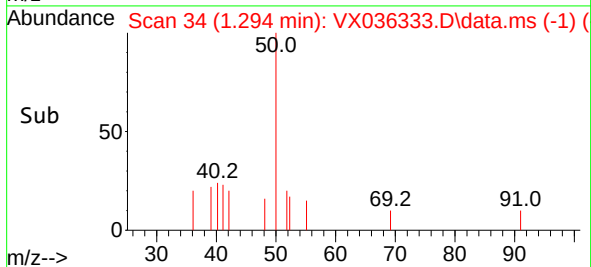
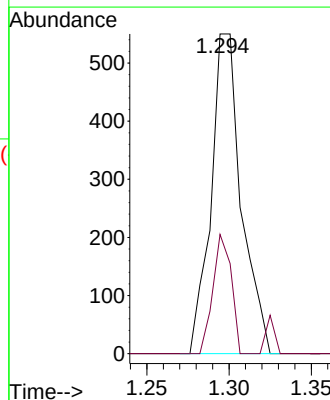
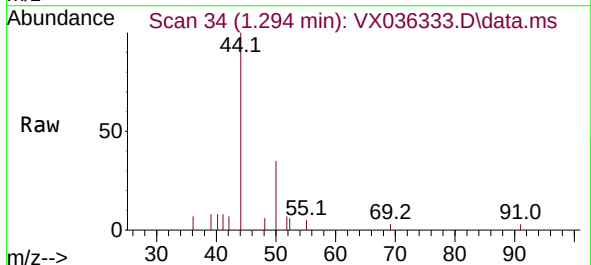
Instrument :
MSVOA_X
ClientSampleId :

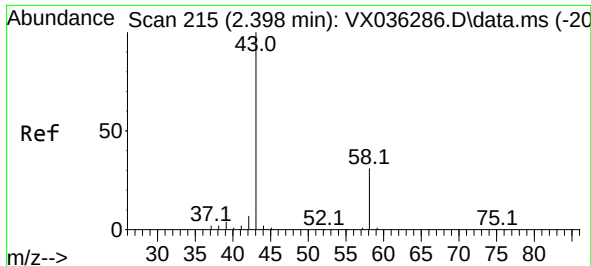
Tgt Ion:168 Resp: 195222
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

Tgt Ion: 50 Resp: 706
Ion Ratio Lower Upper
50 100
52 37.3 25.5 38.3





#16

Acetone

Concen: 1.812 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX036333.D

Acq: 26 Jun 2023 16:53

Instrument :

MSVOA_X

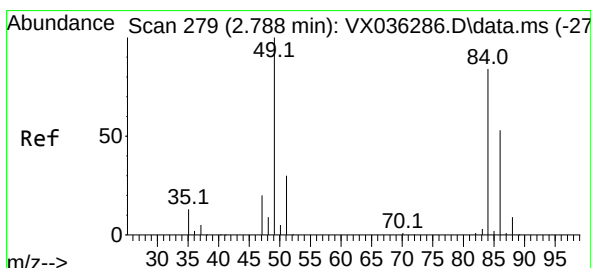
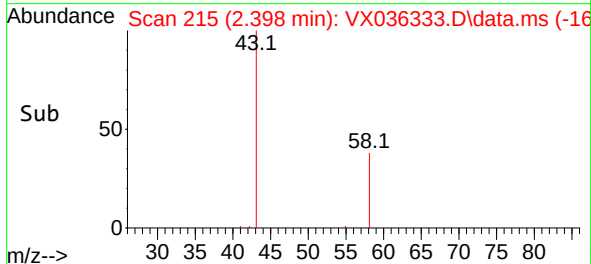
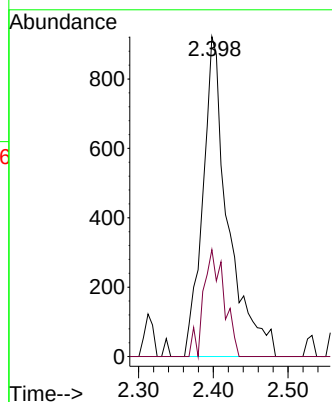
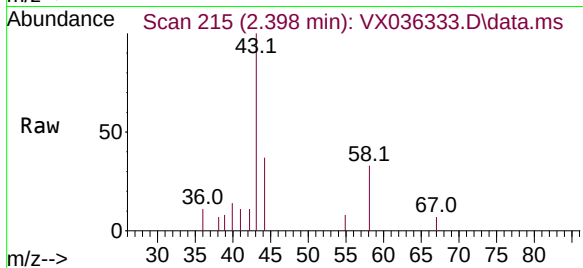
ClientSampleId :

Tgt Ion: 43 Resp: 2167

Ion Ratio Lower Upper

43 100

58 33.4 21.9 32.9#



#20

Methylene Chloride

Concen: 0.508 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX036333.D

Acq: 26 Jun 2023 16:53

Tgt Ion: 84 Resp: 1309

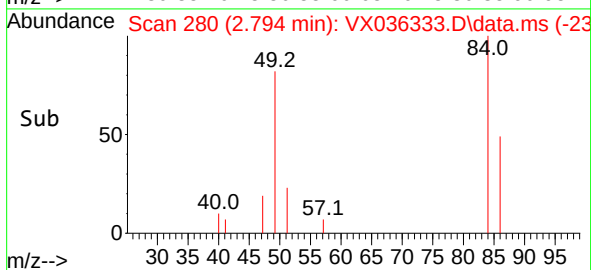
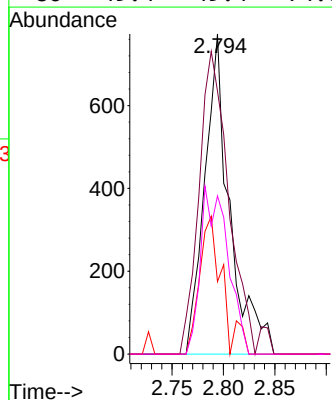
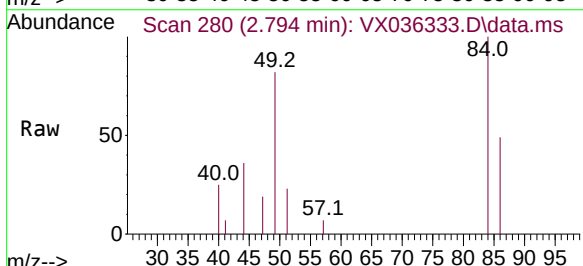
Ion Ratio Lower Upper

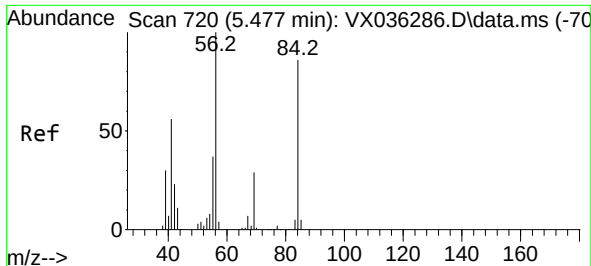
84 100

49 82.1 103.6 155.4#

51 22.6 33.8 50.6#

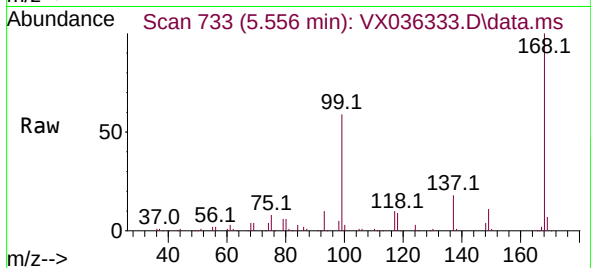
86 49.4 49.4 74.0



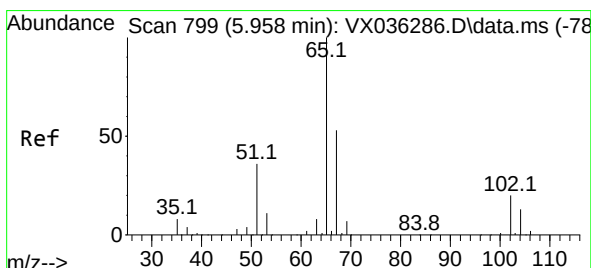
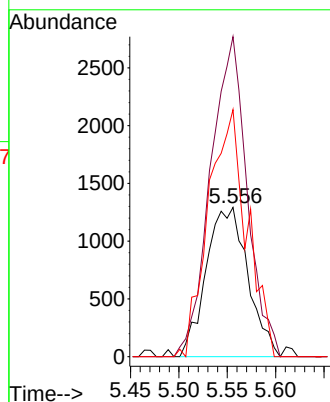
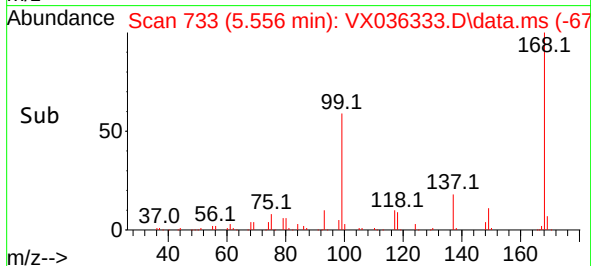


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.086 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

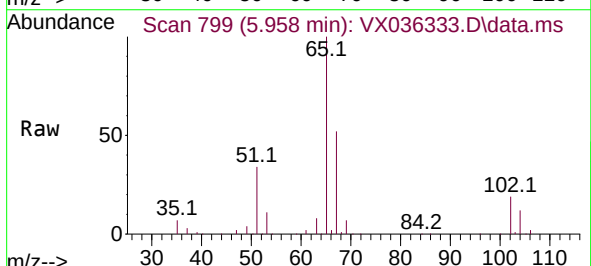
Instrument :
MSVOA_X
ClientSampleId :



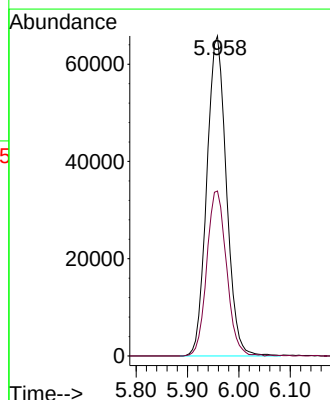
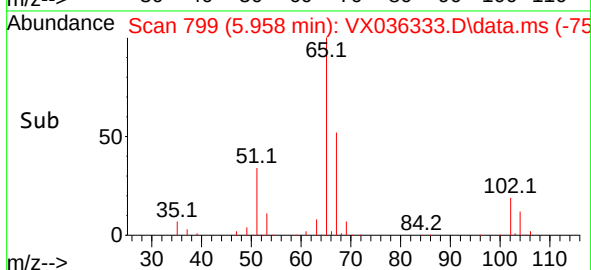
Tgt Ion: 56 Resp: 3867
Ion Ratio Lower Upper
56 100
69 214.4 23.4 35.2#
84 165.5 65.9 98.9#

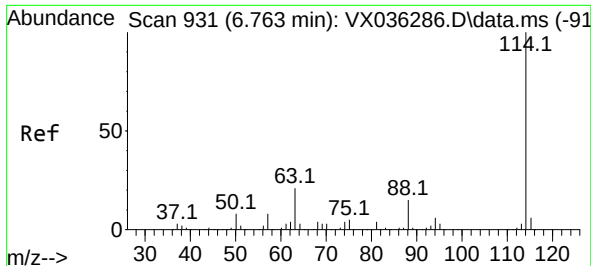


#33
1,2-Dichloroethane-d4
Concen: 62.208 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53



Tgt Ion: 65 Resp: 174081
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

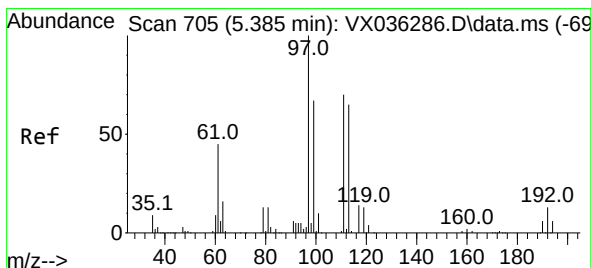
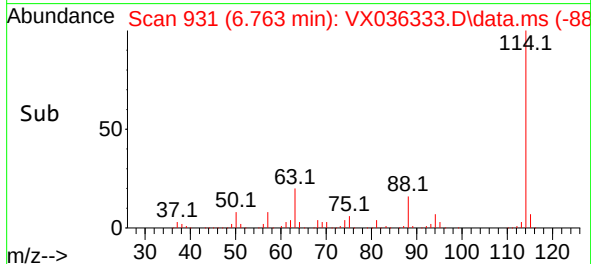
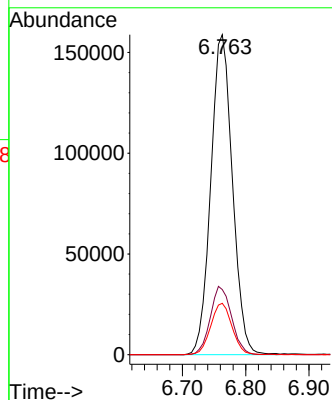
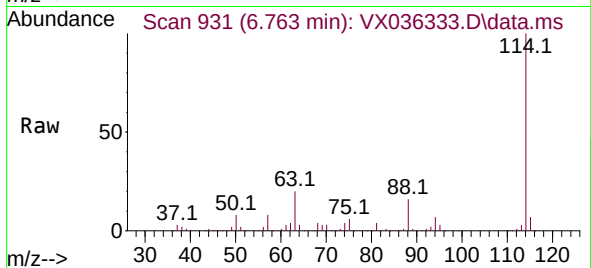




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

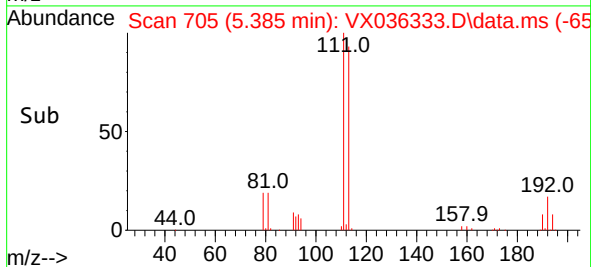
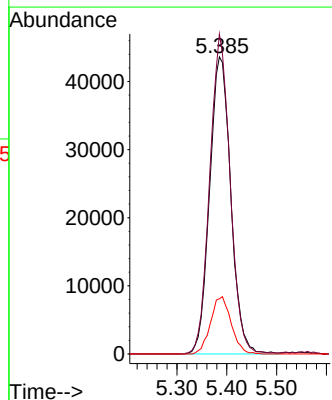
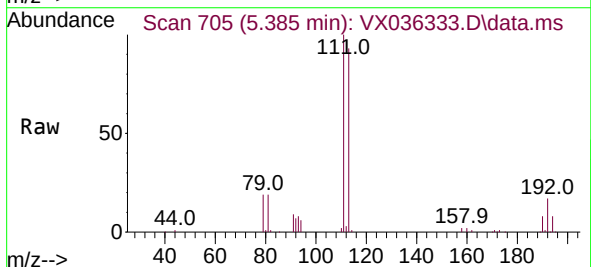
Instrument :
MSVOA_X
ClientSampleId :

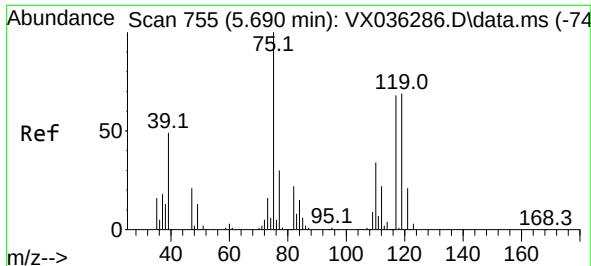
Tgt Ion:114 Resp: 377442
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.705 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

Tgt Ion:113 Resp: 128680
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.8 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.202 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX036333.D

Acq: 26 Jun 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

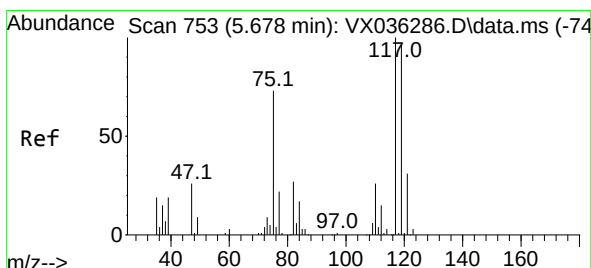
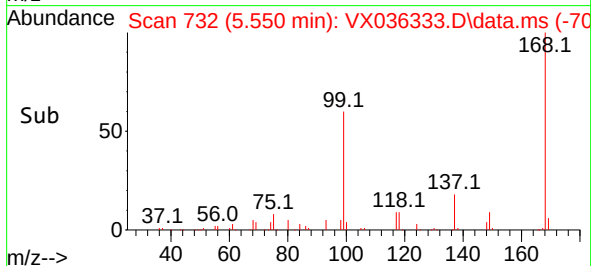
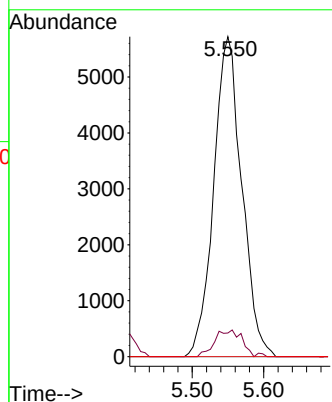
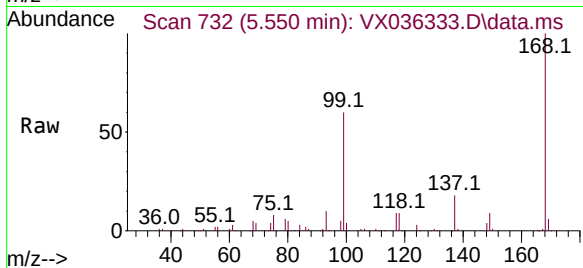
Tgt Ion: 75 Resp: 15590

Ion Ratio Lower Upper

75 100

110 8.3 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.747 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX036333.D

Acq: 26 Jun 2023 16:53

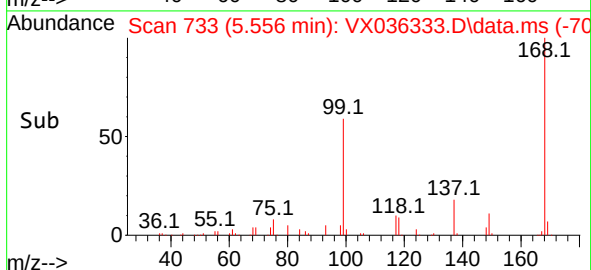
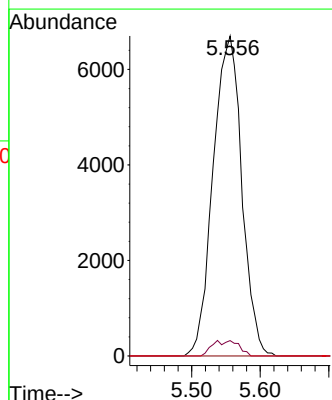
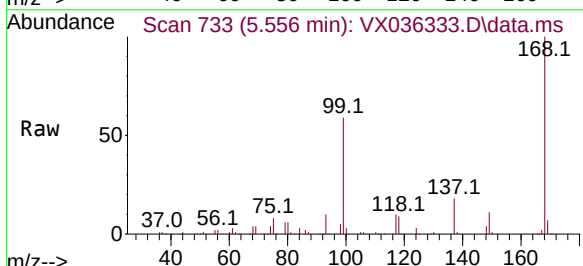
Tgt Ion: 117 Resp: 19474

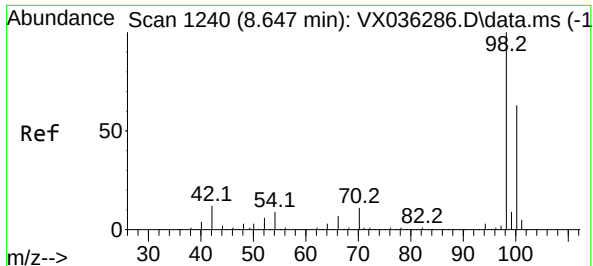
Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#

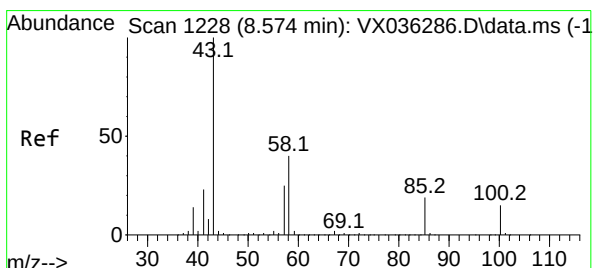
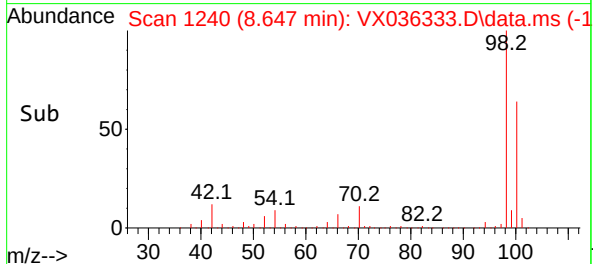
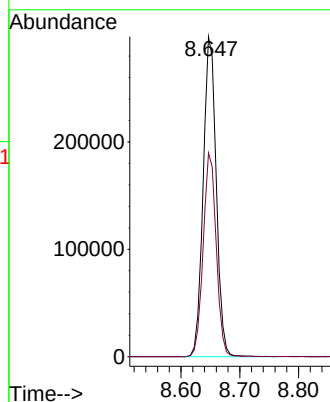
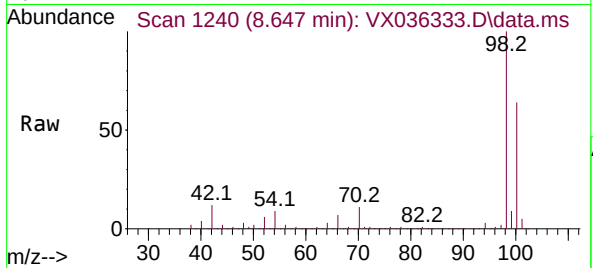




#50
Toluene-d8
Concen: 49.530 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

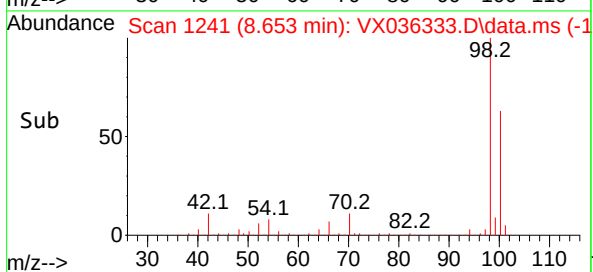
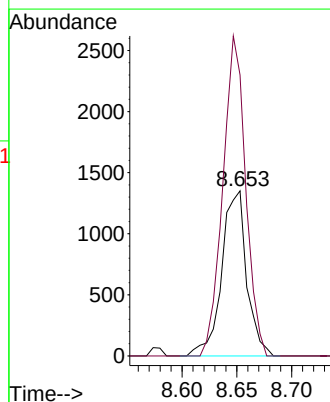
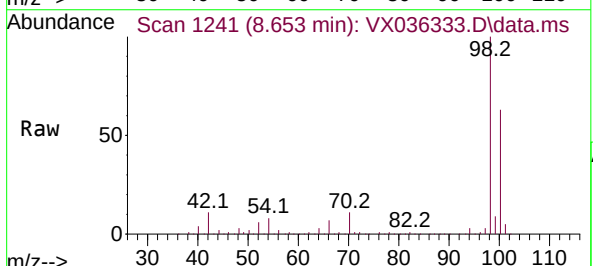
Instrument :
MSVOA_X
ClientSampleId :

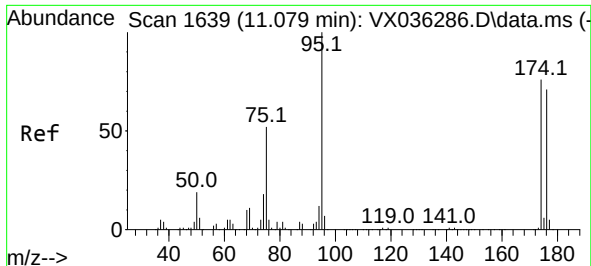
Tgt Ion: 98 Resp: 460406
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
58 177.0 30.4 45.6#

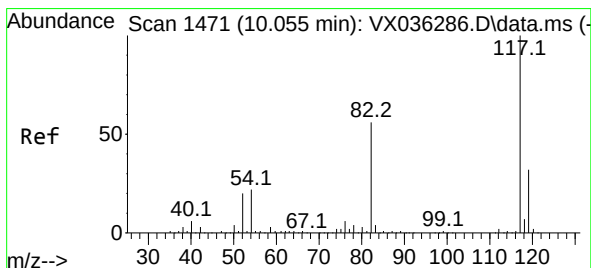
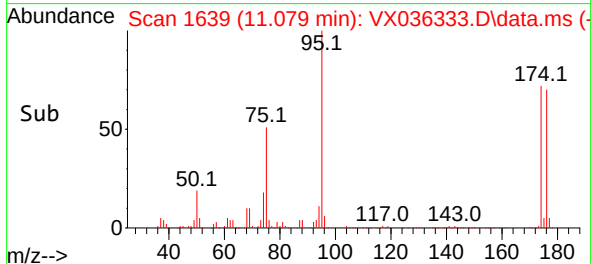
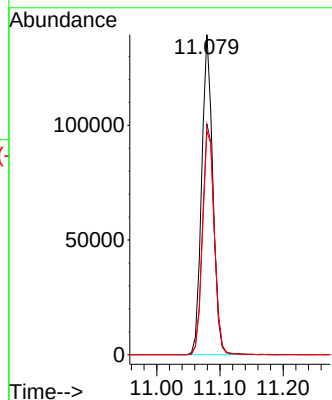
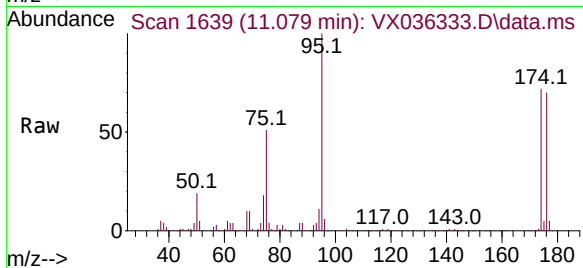




#62
4-Bromofluorobenzene
Concen: 52.194 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

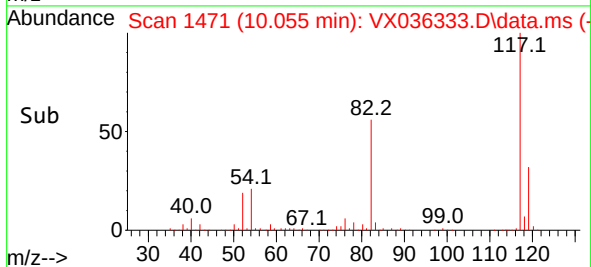
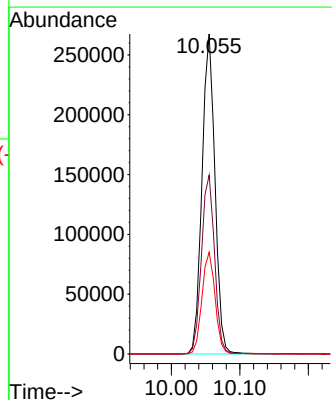
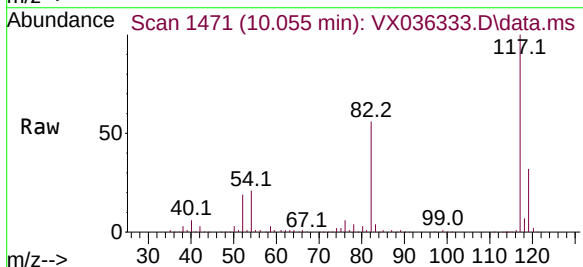
Instrument :
MSVOA_X
ClientSampleId :

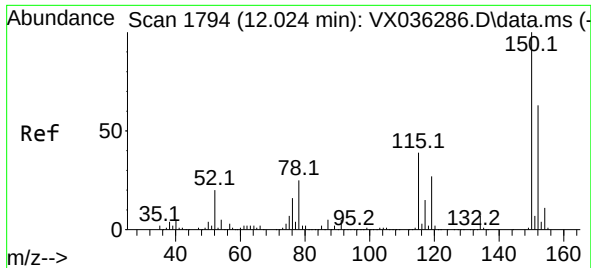
Tgt Ion: 95 Resp: 170892
Ion Ratio Lower Upper
95 100
174 75.9 0.0 135.6
176 74.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036333.D
Acq: 26 Jun 2023 16:53

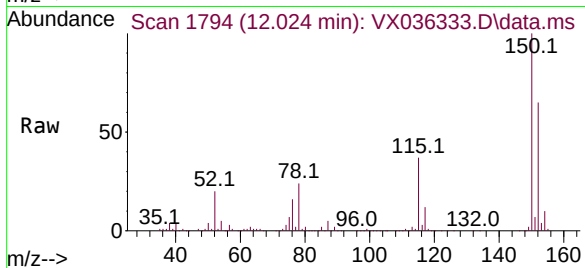
Tgt Ion: 117 Resp: 352474
Ion Ratio Lower Upper
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82 55.9 46.2 69.4
119 31.8 25.5 38.3



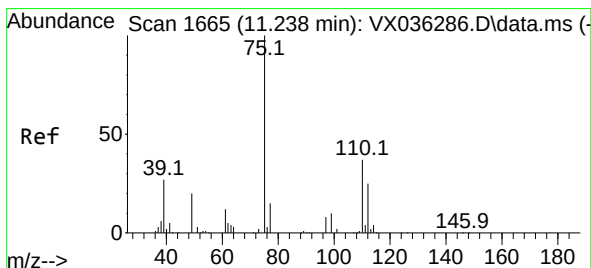
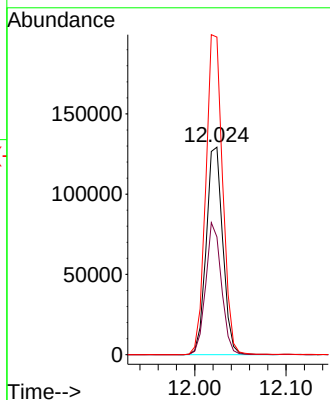
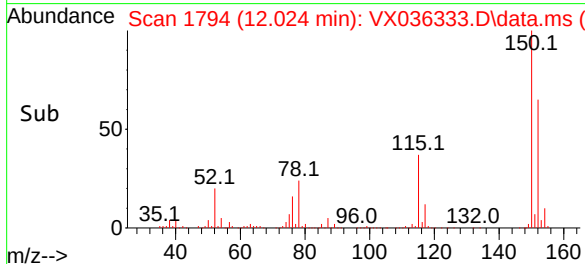


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036333.D
 Acq: 26 Jun 2023 16:53

Instrument :
 MSVOA_X
 ClientSampleId :

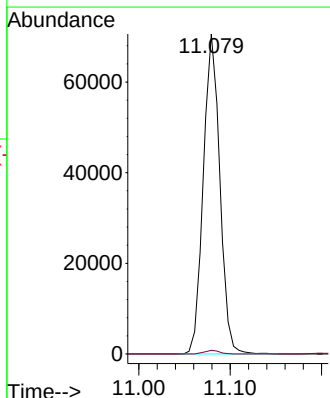
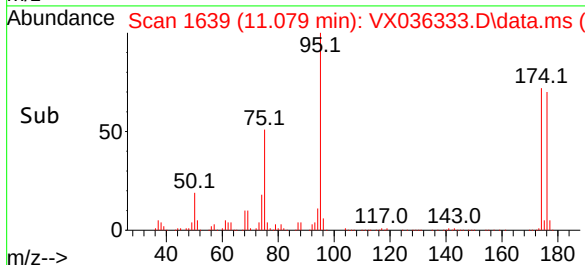
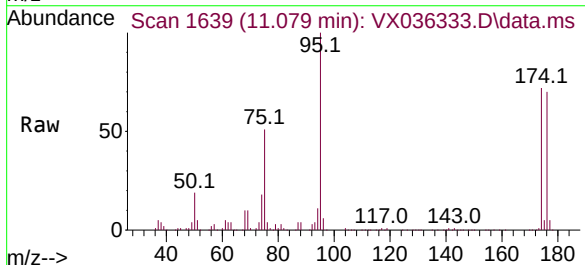


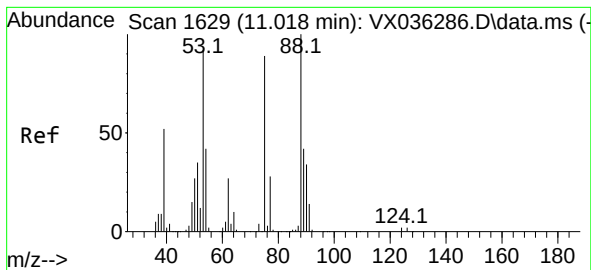
Tgt Ion:152 Resp: 162068
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.563 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036333.D
 Acq: 26 Jun 2023 16:53

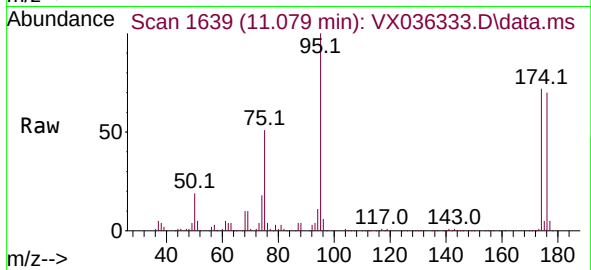
Tgt Ion: 75 Resp: 88369
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.328 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036333.D
 Acq: 26 Jun 2023 16:53

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 88369
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

