

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035842.D
 Acq On : 24 May 2023 17:34
 Operator : JC/MD
 Sample : 02911-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230522

Quant Time: May 25 05:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

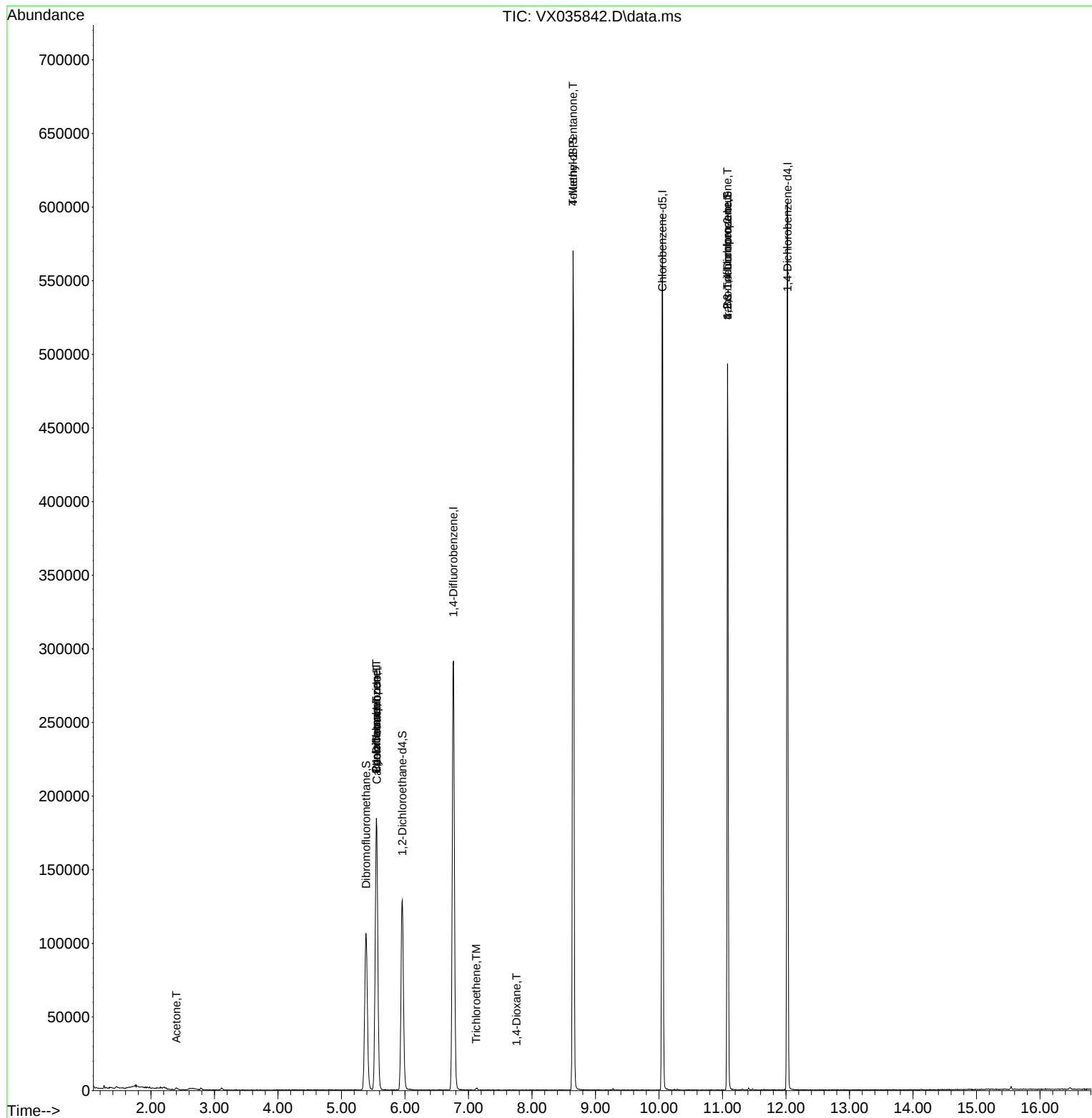
Internal Standards						
1) Pentafluorobenzene	5.550	168	169260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	294351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125488	42.498	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.000%
35) Dibromofluoromethane	5.385	113	94302	47.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.020%
50) Toluene-d8	8.647	98	324906	44.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.600%#
62) 4-Bromofluorobenzene	11.079	95	127660	43.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1800	1.418	ug/l #	87
31) Cyclohexane	5.550	56	3997	1.071	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13797	4.403	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17851	6.014	ug/l #	15
44) Trichloroethene	7.123	130	636	0.286	ug/l	84
49) 1,4-Dioxane	7.757	88	23	2.370	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	1556	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68665	23.163	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	68665	74.651	ug/l #	8

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

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

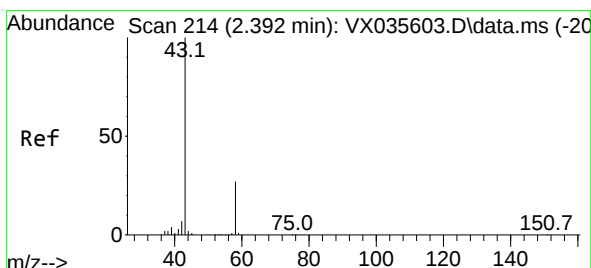
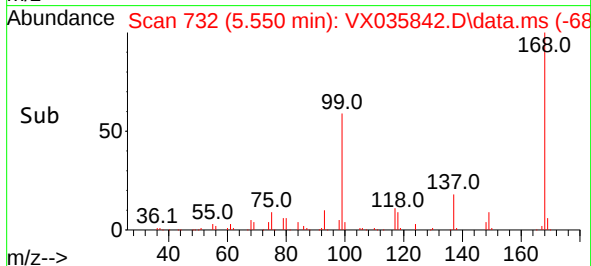
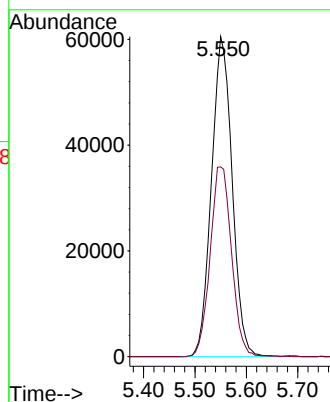
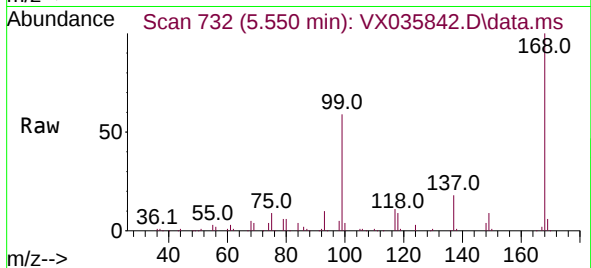




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

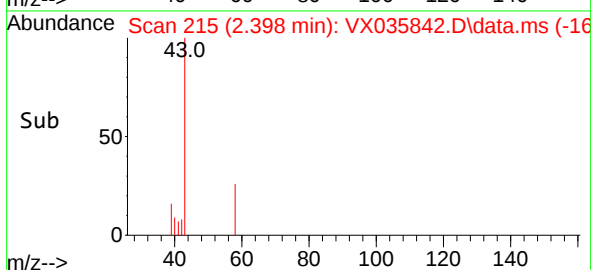
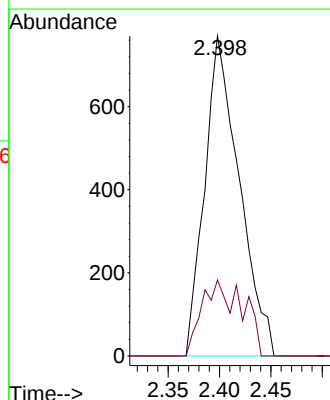
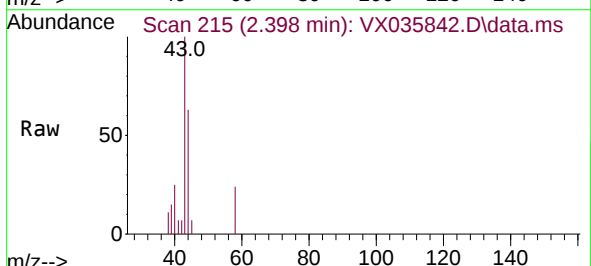
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230522

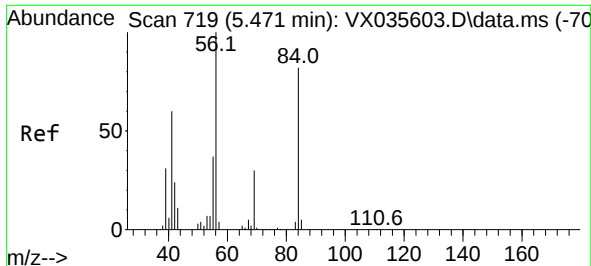
Tgt Ion:168 Resp: 169260
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#16
Acetone
Concen: 1.418 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 23.8 24.7 37.1#

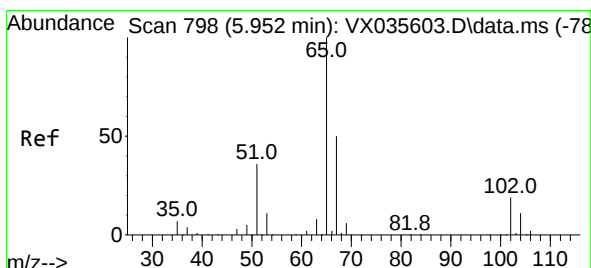
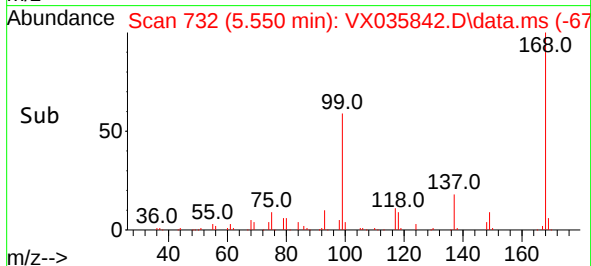
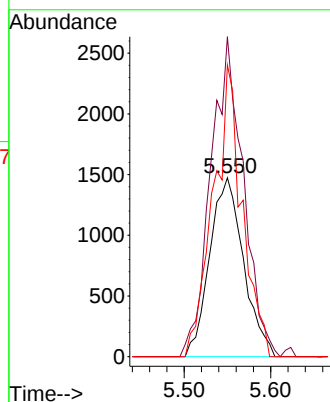
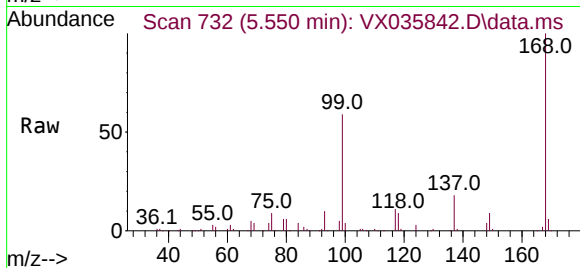




#31
Cyclohexane
Concen: 1.071 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

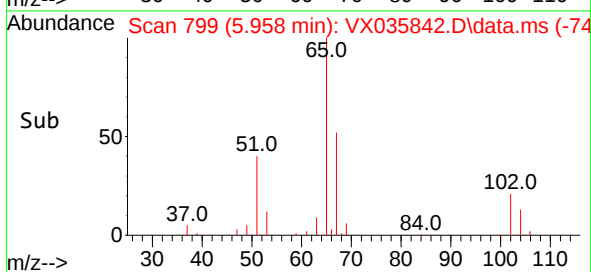
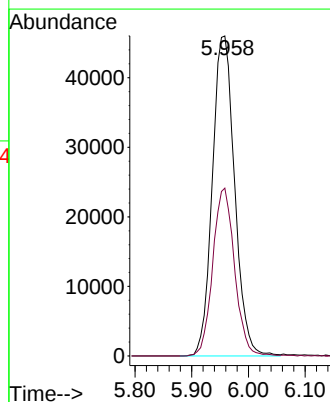
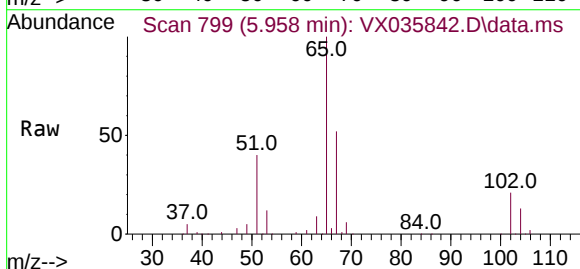
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230522

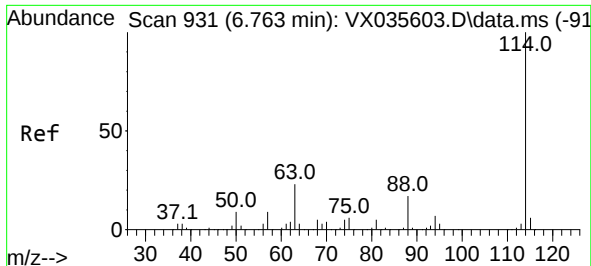
Tgt Ion: 56 Resp: 3997
Ion Ratio Lower Upper
56 100
69 178.8 23.7 35.5#
84 163.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.498 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

Tgt Ion: 65 Resp: 125488
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

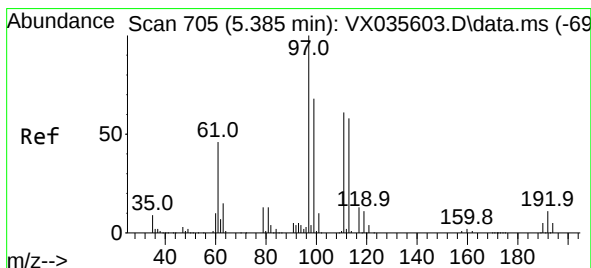
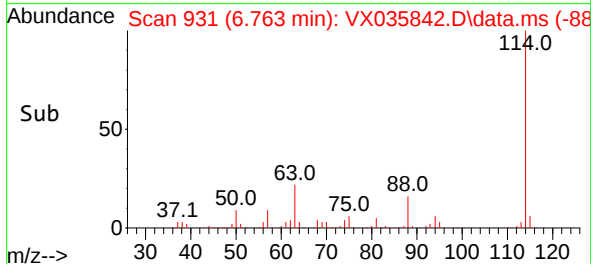
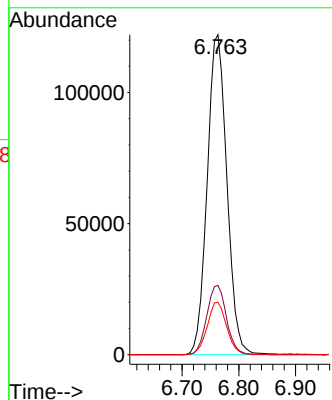
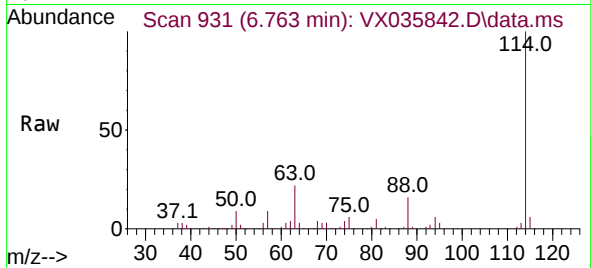




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

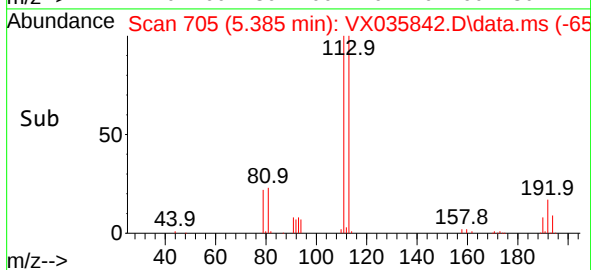
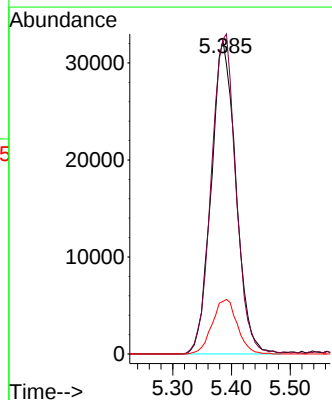
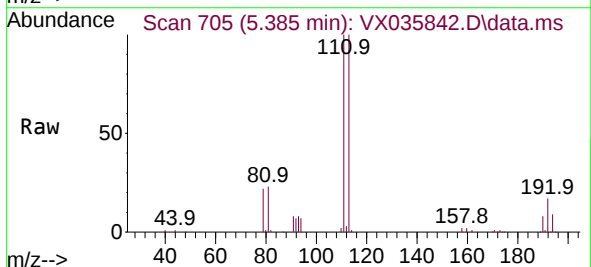
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230522

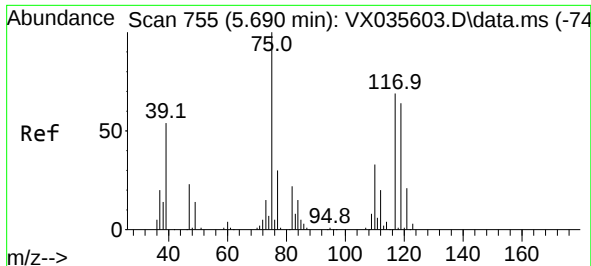
Tgt Ion:114 Resp: 294351
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.505 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

Tgt Ion:113 Resp: 94302
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 17.6 15.4 23.2

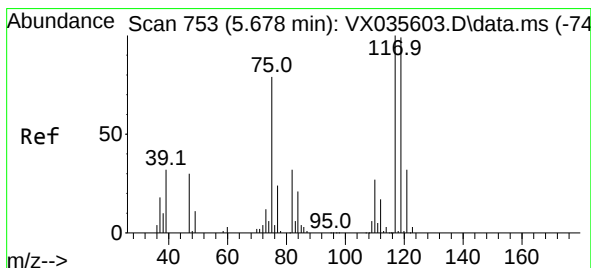
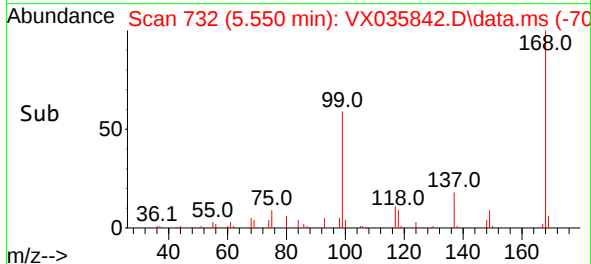
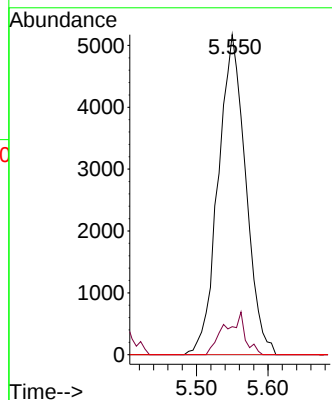
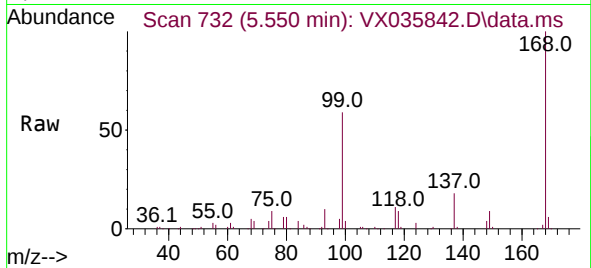




#36
1,1-Dichloropropene
Concen: 4.403 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

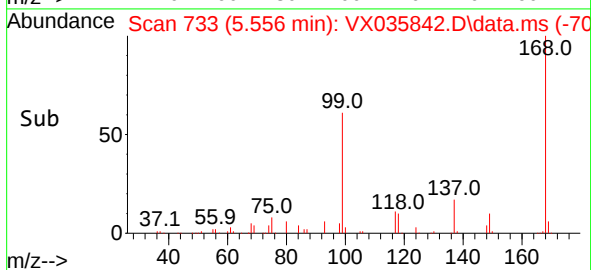
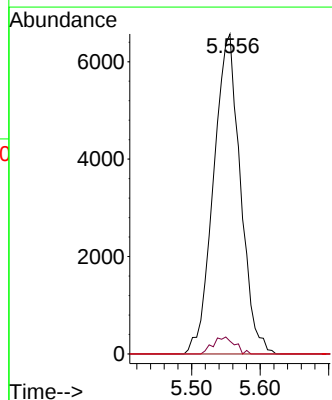
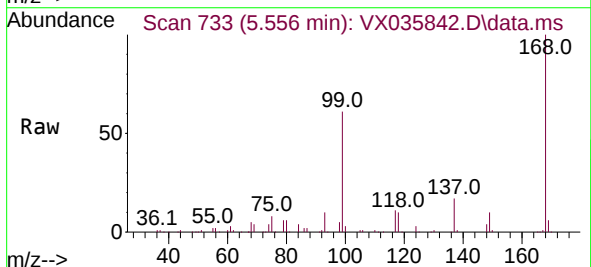
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230522

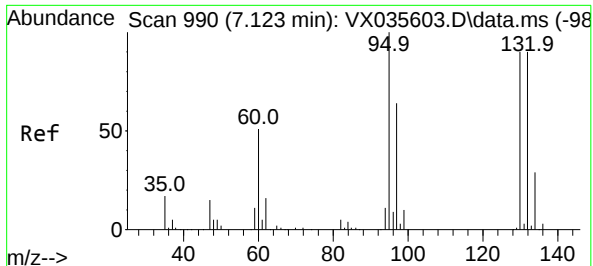
Tgt Ion: 75 Resp: 13797
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

Tgt Ion: 117 Resp: 17851
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#

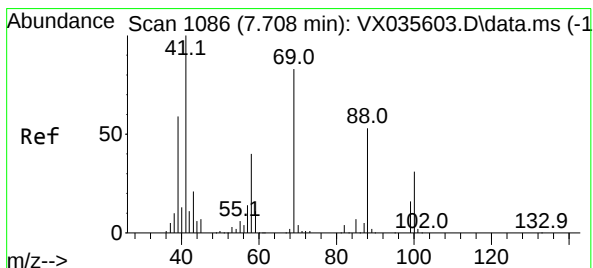
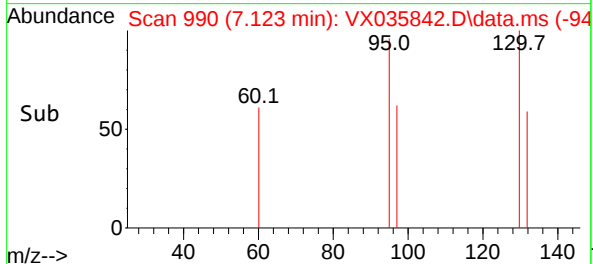
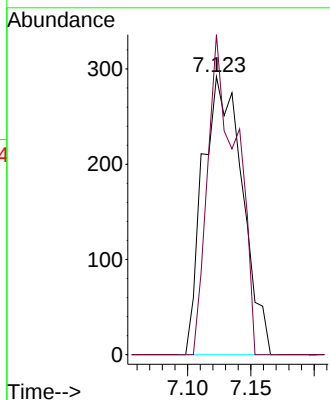
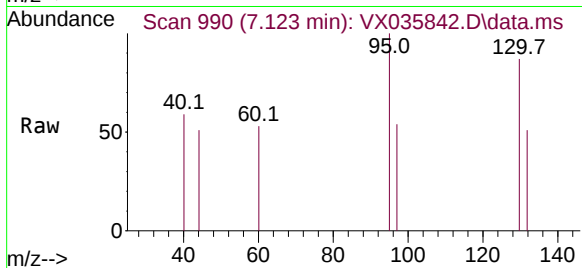




#44
Trichloroethene
Concen: 0.286 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

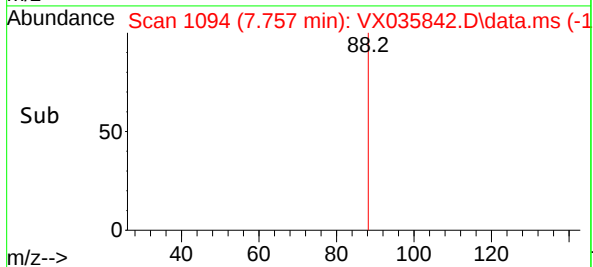
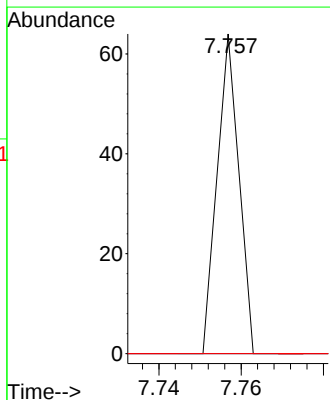
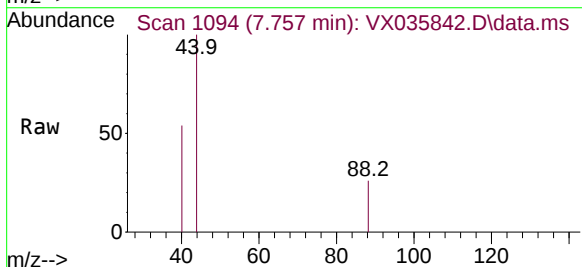
Instrument :
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ClientSampleId :
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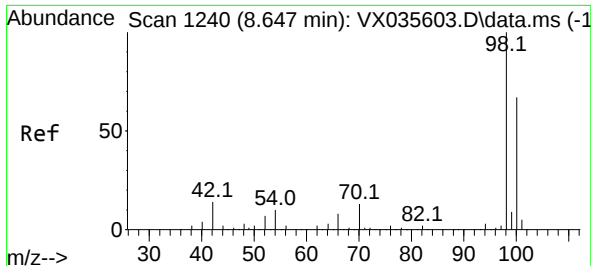
Tgt Ion:130 Resp: 636
Ion Ratio Lower Upper
130 100
95 115.1 0.0 198.4



#49
1,4-Dioxane
Concen: 2.370 ug/l
RT: 7.757 min Scan# 1094
Delta R.T. 0.049 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

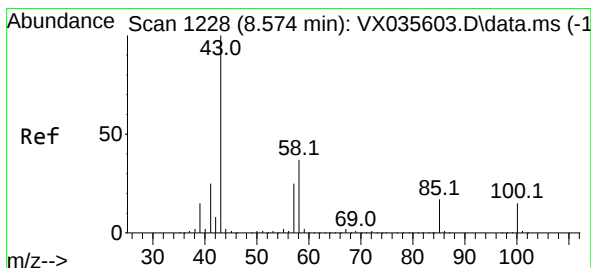
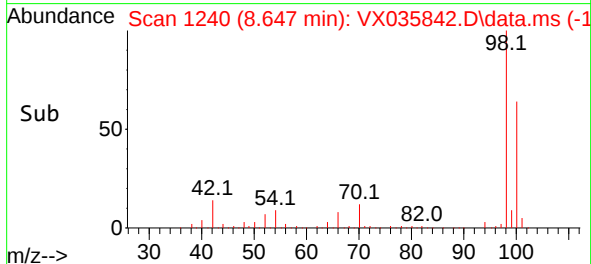
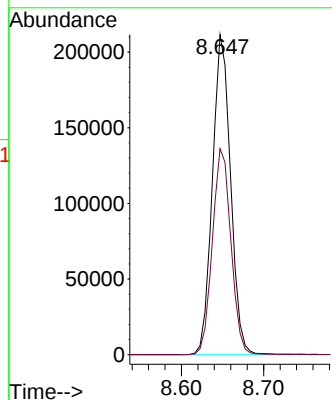
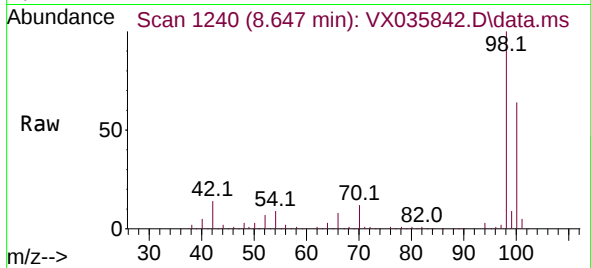




#50
Toluene-d8
Concen: 44.305 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

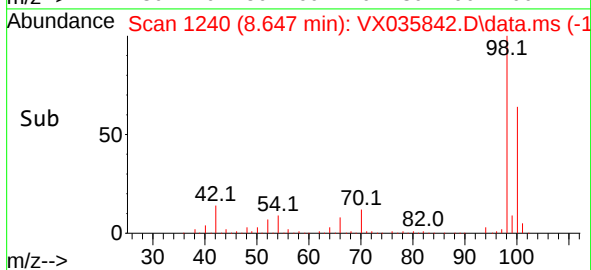
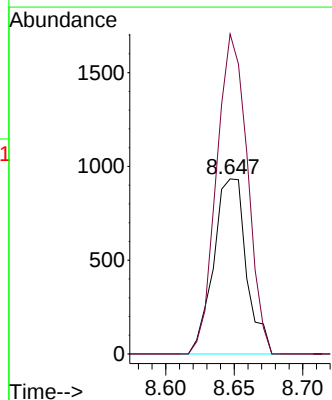
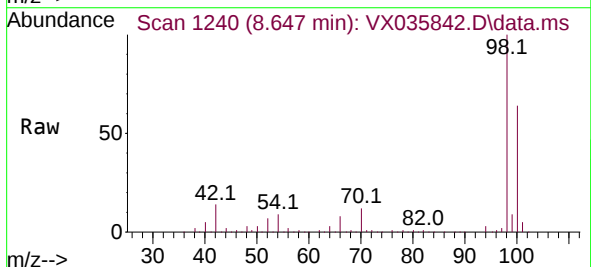
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TT14911-20230522

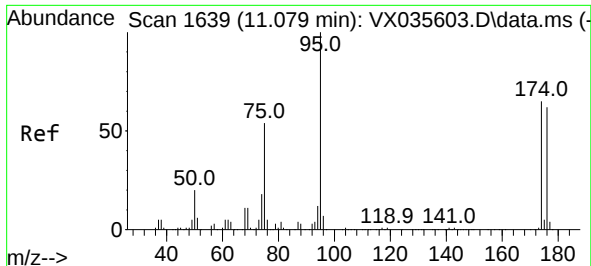
Tgt Ion: 98 Resp: 324906
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035842.D
Acq: 24 May 2023 17:34

Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
58 172.0 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 43.234 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035842.D

Acq: 24 May 2023 17:34

Instrument :

MSVOA_X

ClientSampleId :

TT14911-20230522

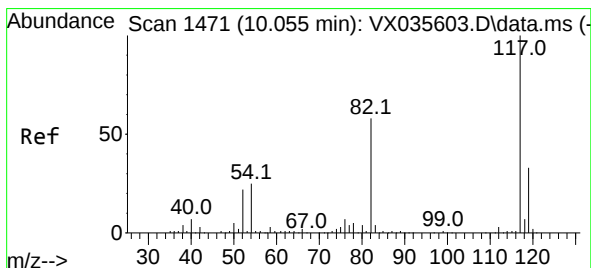
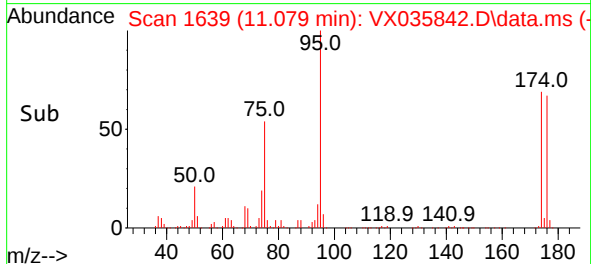
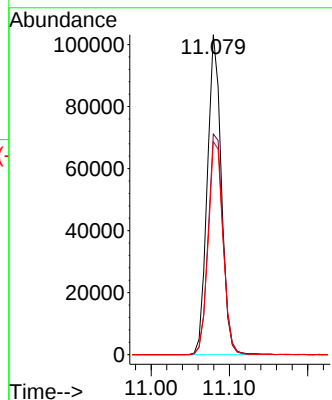
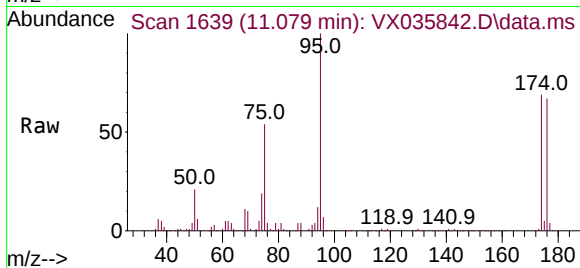
Tgt Ion: 95 Resp: 127660

Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.4

176 70.4 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035842.D

Acq: 24 May 2023 17:34

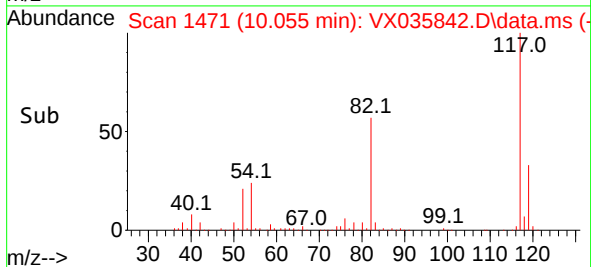
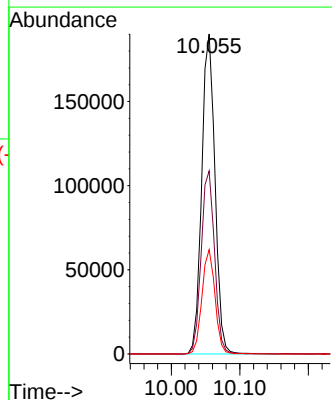
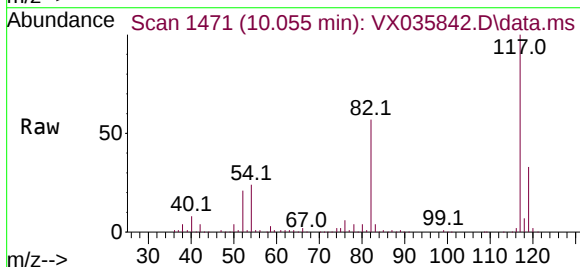
Tgt Ion: 117 Resp: 256556

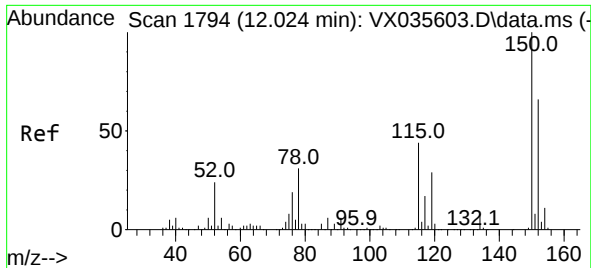
Ion Ratio Lower Upper

117 100

82 57.2 45.0 67.4

119 32.6 26.0 39.0

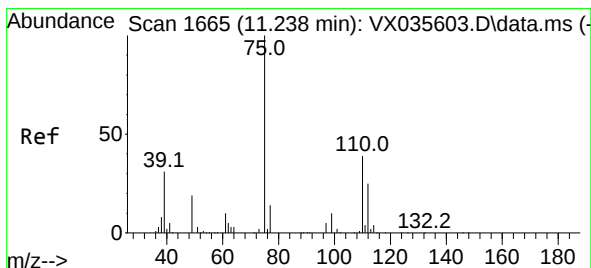
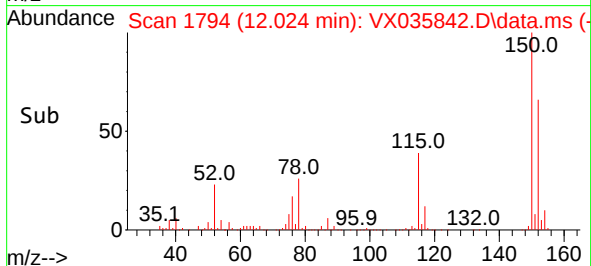
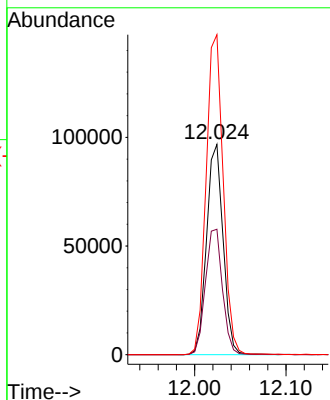
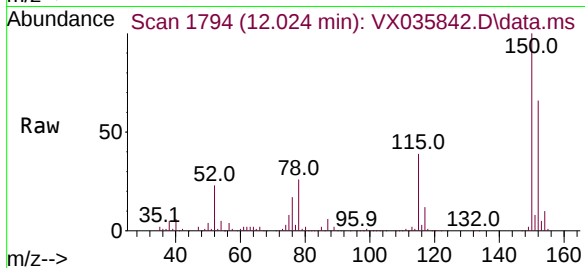




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035842.D
 Acq: 24 May 2023 17:34

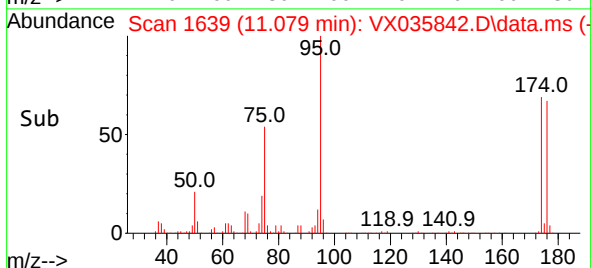
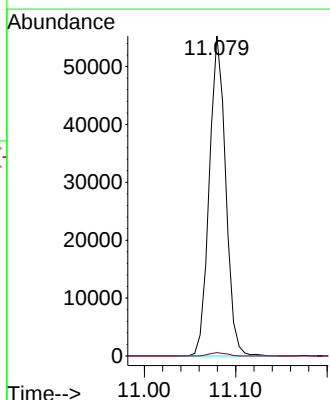
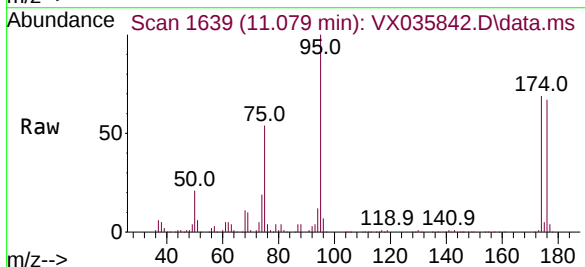
Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230522

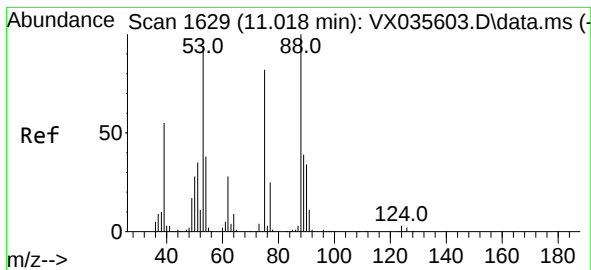
Tgt Ion:152 Resp: 121193
 Ion Ratio Lower Upper
 152 100
 115 61.7 45.0 135.0
 150 157.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 23.163 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035842.D
 Acq: 24 May 2023 17:34

Tgt Ion: 75 Resp: 68665
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.651 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035842.D
 Acq: 24 May 2023 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230522

Tgt Ion: 75 Resp: 68665
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

