

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035616.D
 Acq On : 11 May 2023 18:37
 Operator : JC/MD
 Sample : 02752-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230510034-01-TRIP-BLANK

Quant Time: May 12 03:53:41 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)

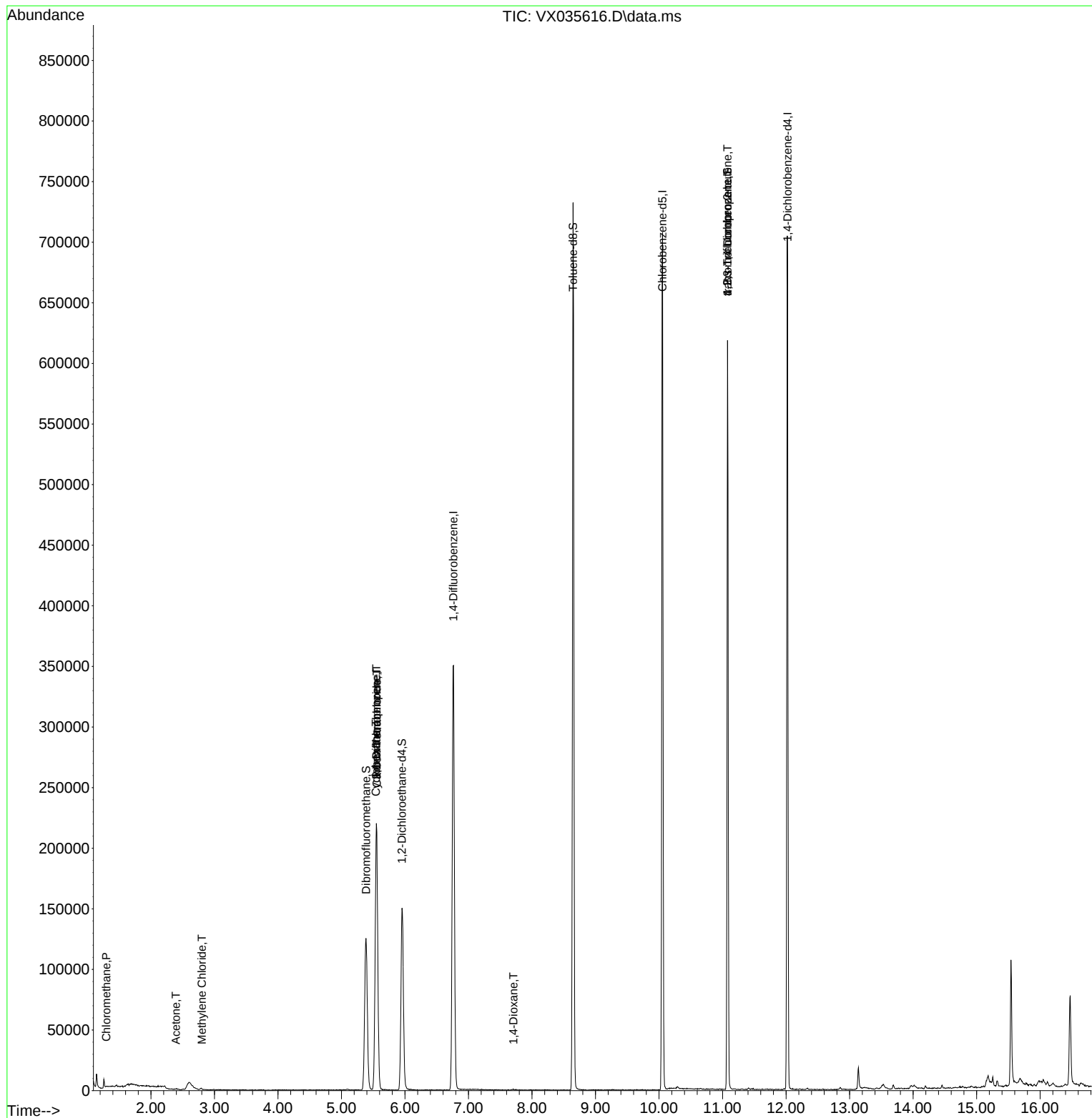
Internal Standards						
1) Pentafluorobenzene	5.550	168	186987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	337652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154710	47.427	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.385	113	110065	48.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.647	98	409712	48.704	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	163646	48.314	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.620%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	637	0.215	ug/l	# 85
16) Acetone	2.392	43	717	0.511	ug/l	# 44
20) Methylene Chloride	2.800	84	515	0.203	ug/l	# 64
31) Cyclohexane	5.544	56	5038	1.222	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17584	4.892	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	21340	6.267	ug/l	# 15
49) 1,4-Dioxane	7.708	88	628	10.776	ug/l	# 57
76) 1,2,3-Trichloropropane	11.079	75	88990	27.615	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	88990	88.999	ug/l	# 8

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

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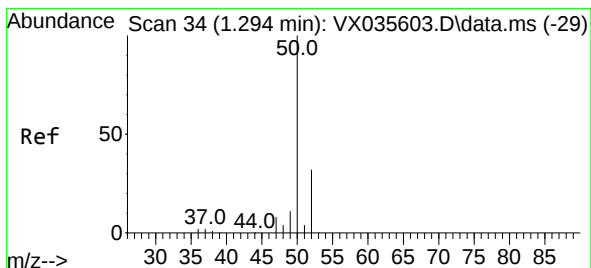
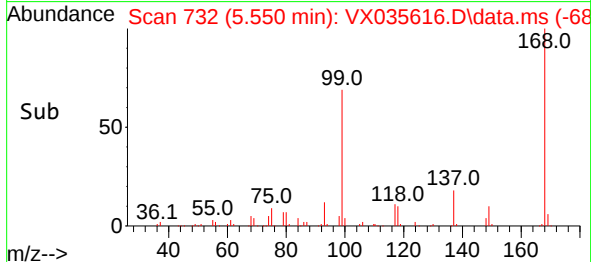
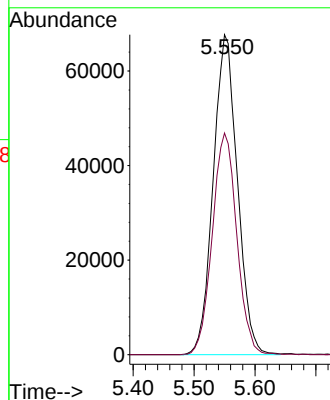
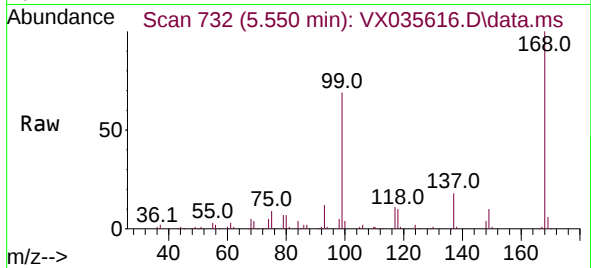




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

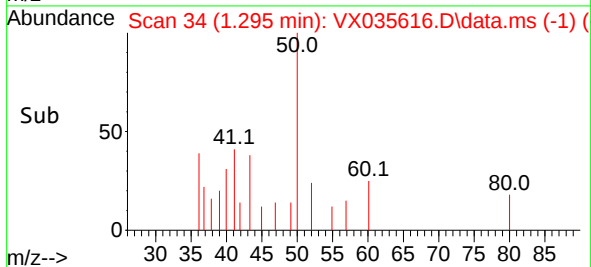
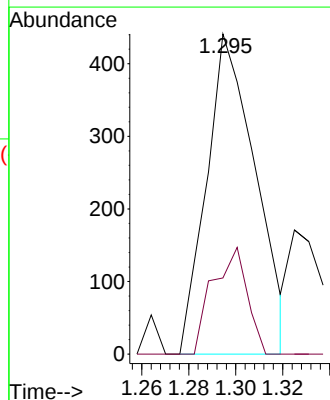
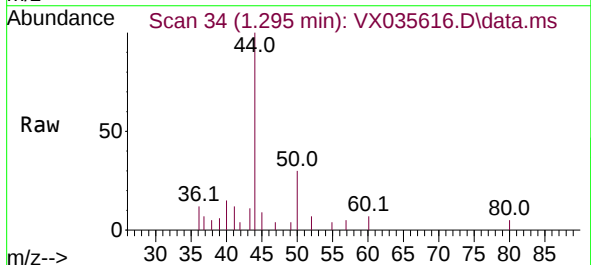
Instrument :
MSVOA_X
ClientSampleId :
230510034-01-TRIP-BLANK

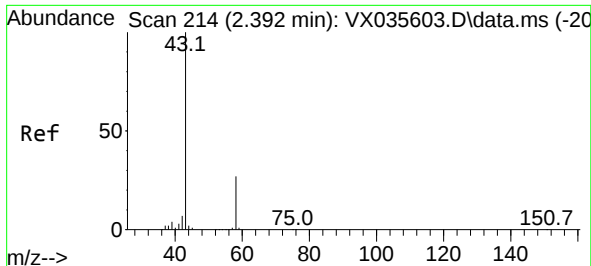
Tgt Ion:168 Resp: 186987
Ion Ratio Lower Upper
168 100
99 69.3 45.7 68.5#



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

Tgt Ion: 50 Resp: 637
Ion Ratio Lower Upper
50 100
52 23.8 25.9 38.9#





#16

Acetone

Concen: 0.511 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX035616.D

Acq: 11 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

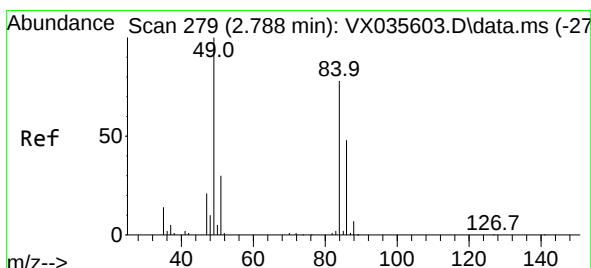
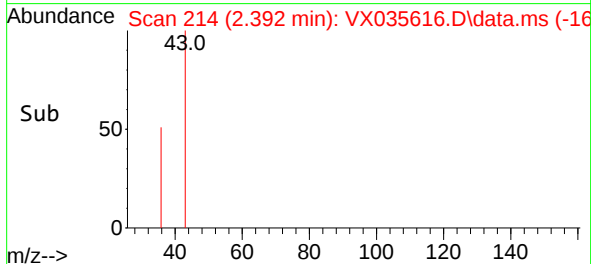
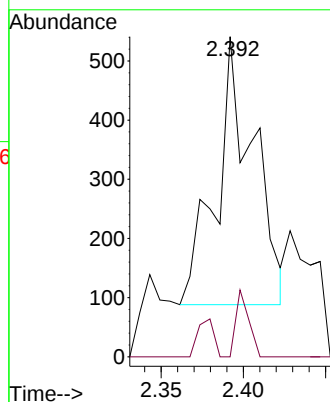
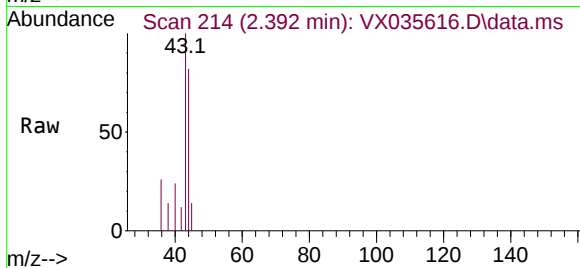
230510034-01-TRIP-BLANK

Tgt Ion: 43 Resp: 717

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#



#20

Methylene Chloride

Concen: 0.203 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX035616.D

Acq: 11 May 2023 18:37

Tgt Ion: 84 Resp: 515

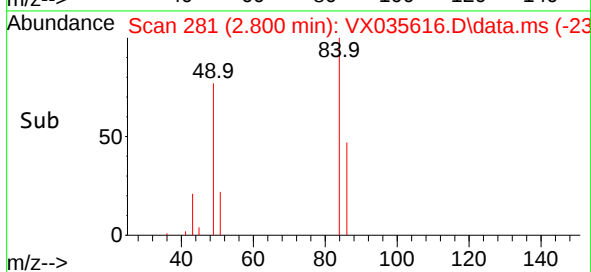
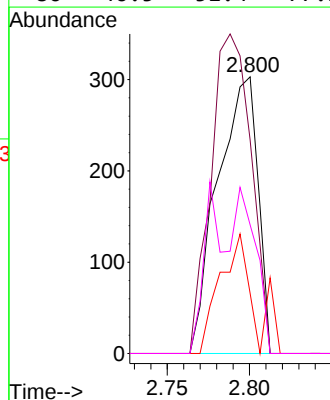
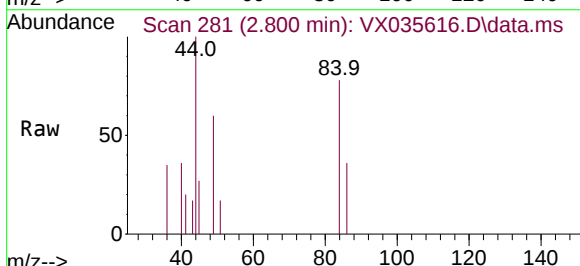
Ion Ratio Lower Upper

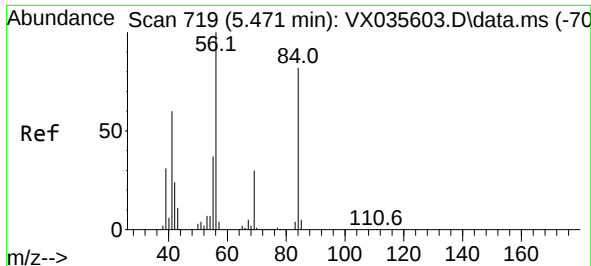
84 100

49 77.2 103.8 155.8#

51 21.8 31.8 47.8#

86 46.5 51.4 77.2#

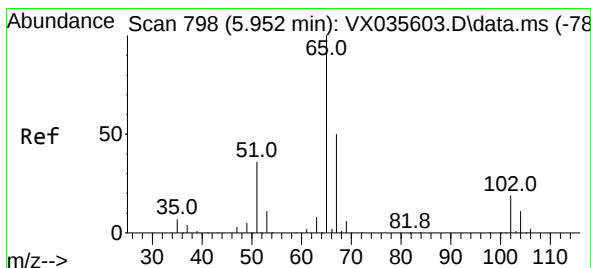
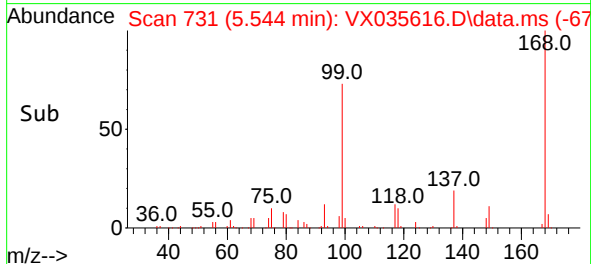
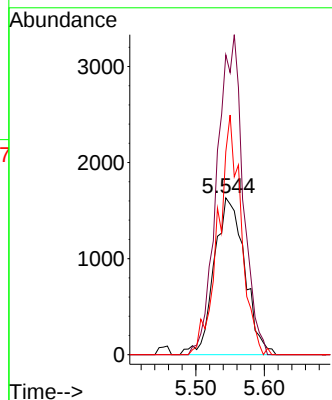
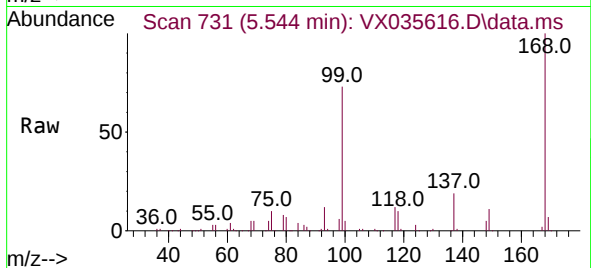




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

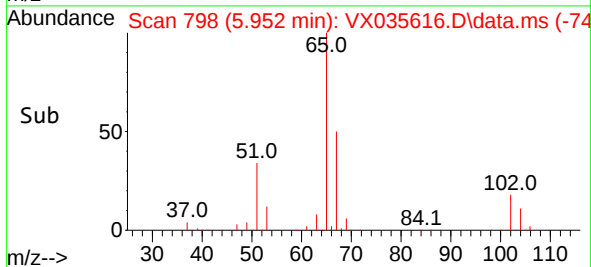
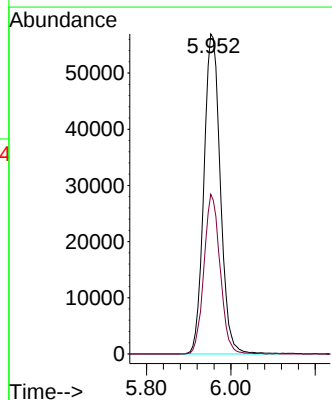
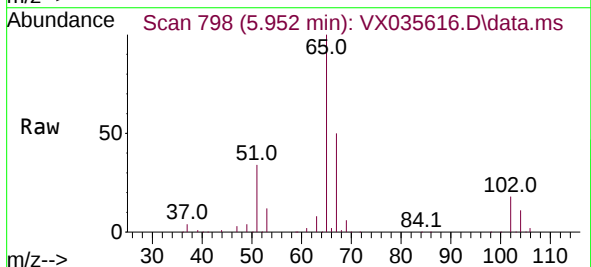
Instrument :
MSVOA_X
ClientSampleId :
230510034-01-TRIP-BLANK

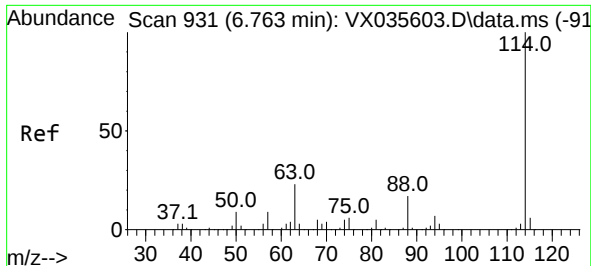
Tgt Ion: 56 Resp: 5038
Ion Ratio Lower Upper
56 100
69 191.2 23.7 35.5#
84 129.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.427 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

Tgt Ion: 65 Resp: 154710
Ion Ratio Lower Upper
65 100
67 49.0 0.0 104.0

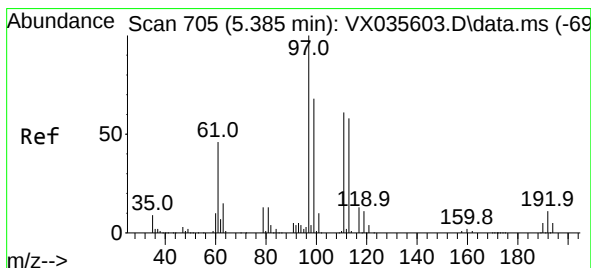
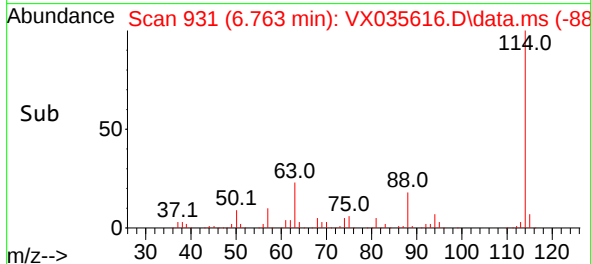
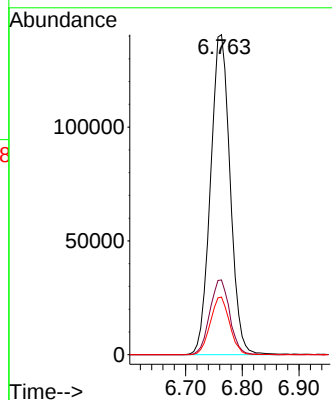
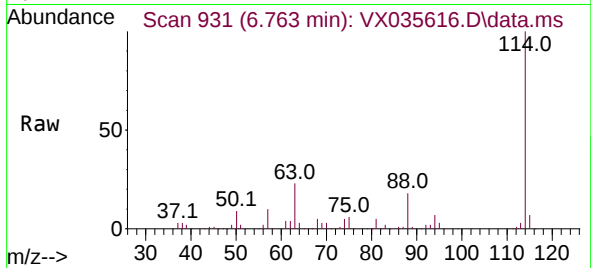




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

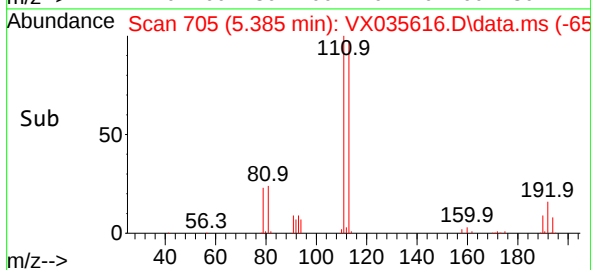
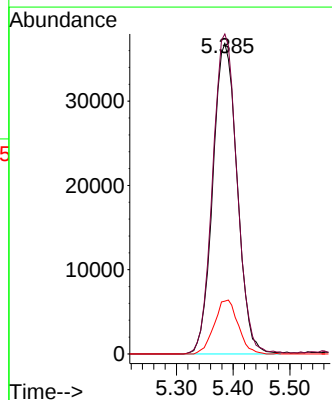
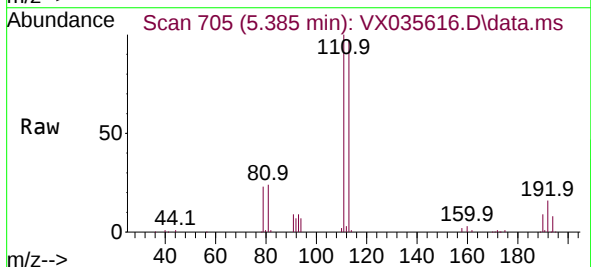
Instrument :
MSVOA_X
ClientSampleId :
230510034-01-TRIP-BLANK

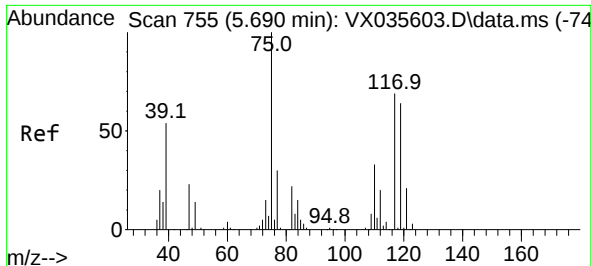
Tgt Ion:114 Resp: 337652
Ion Ratio Lower Upper
114 100
63 23.4 0.0 42.2
88 18.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.335 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

Tgt Ion:113 Resp: 110065
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 17.0 15.4 23.2

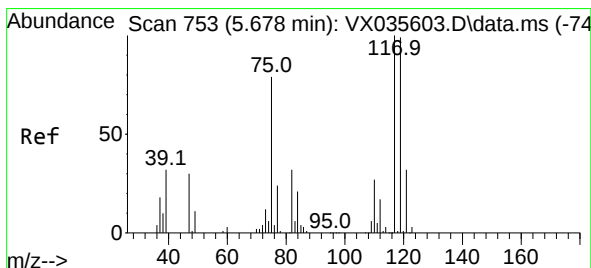
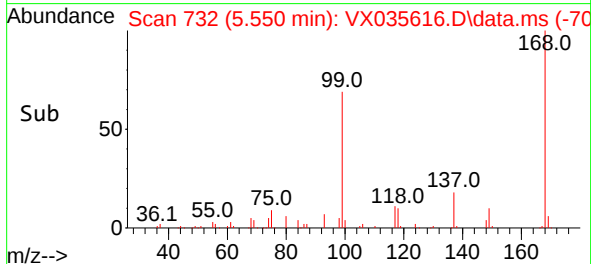
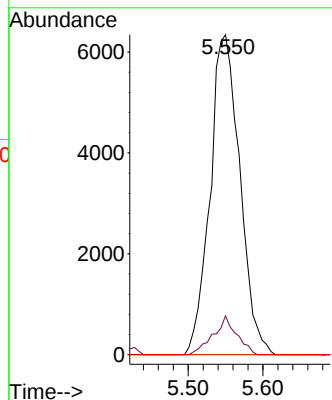
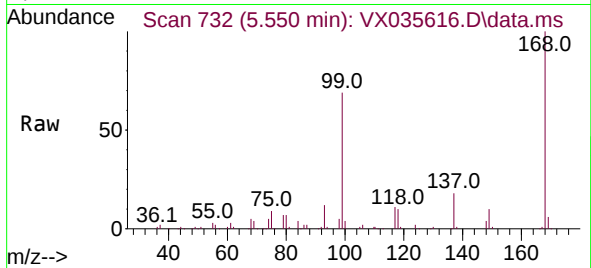




#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

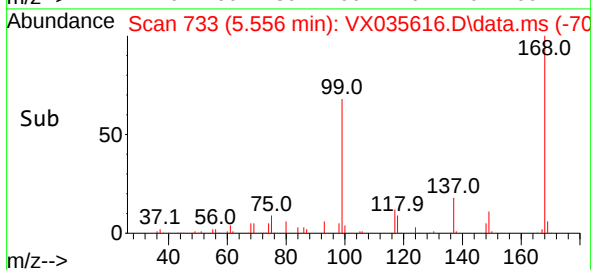
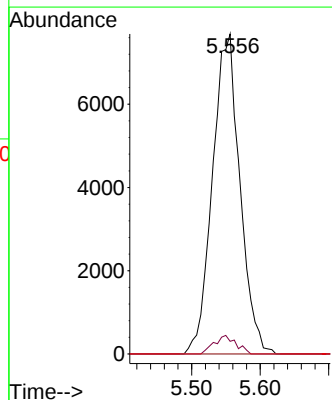
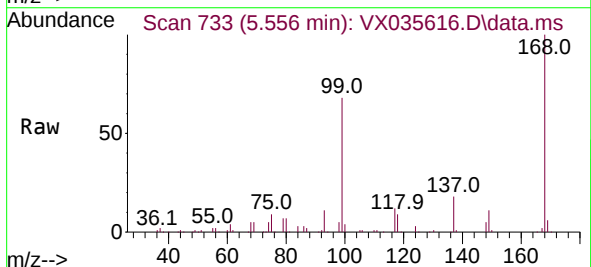
Instrument :
MSVOA_X
ClientSampleId :
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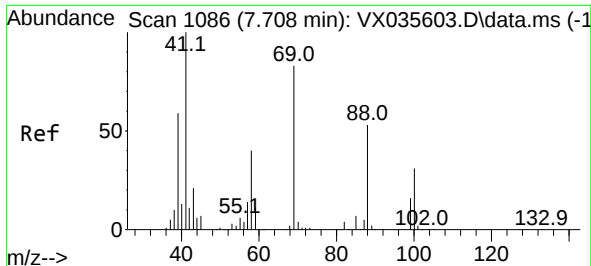
Tgt Ion: 75 Resp: 17584
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

Tgt Ion: 117 Resp: 21340
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 10.776 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.000 min

Lab File: VX035616.D

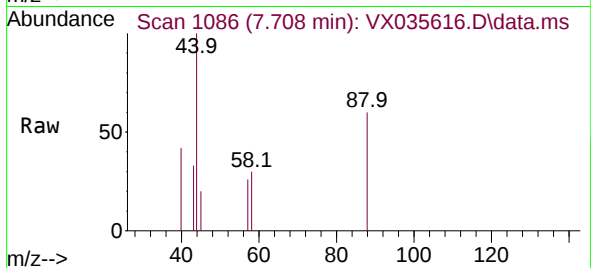
Acq: 11 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

230510034-01-TRIP-BLANK



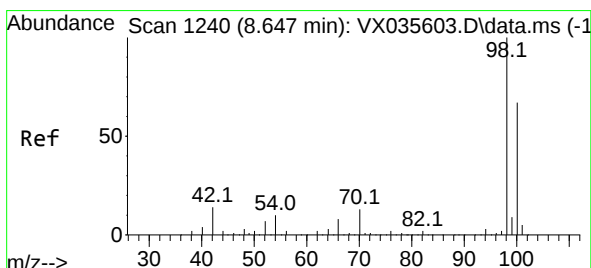
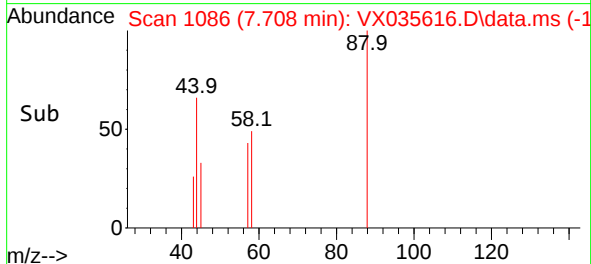
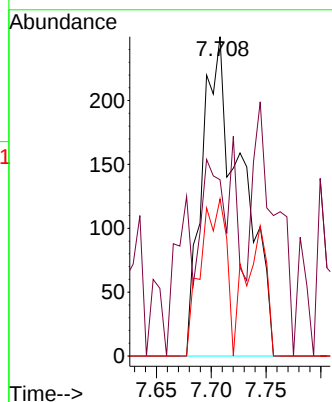
Tgt Ion: 88 Resp: 628

Ion Ratio Lower Upper

88 100

43 54.0 27.7 41.5#

58 32.0 56.8 85.2#



#50

Toluene-d8

Concen: 48.704 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035616.D

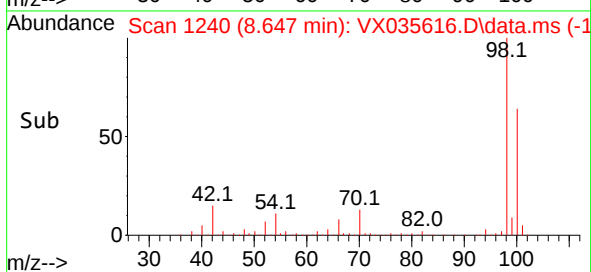
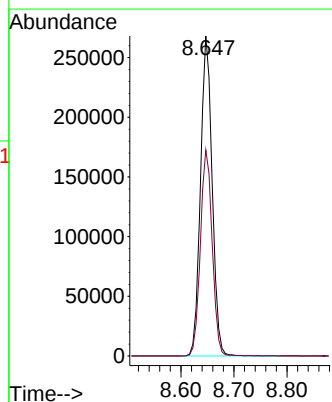
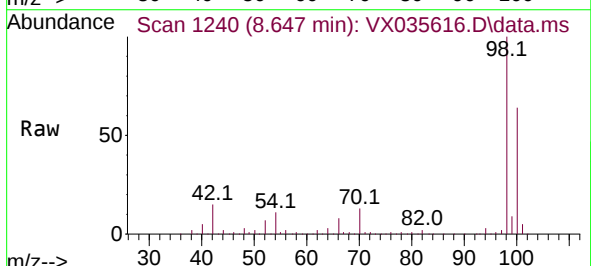
Acq: 11 May 2023 18:37

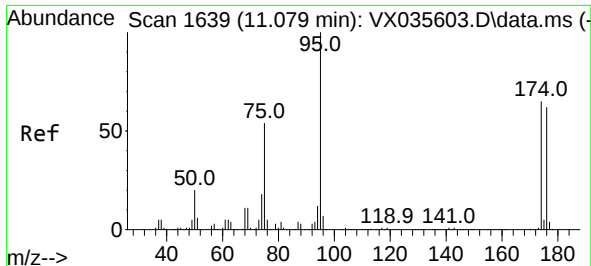
Tgt Ion: 98 Resp: 409712

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7

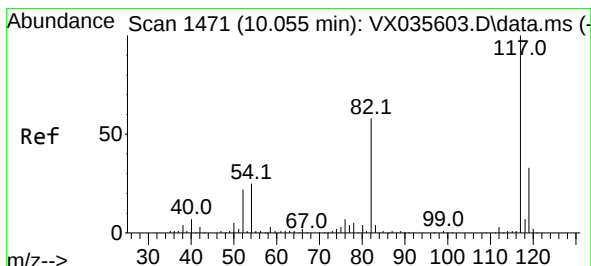
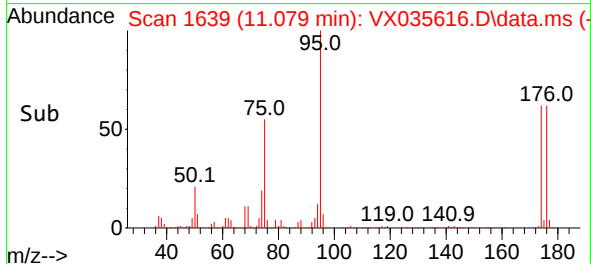
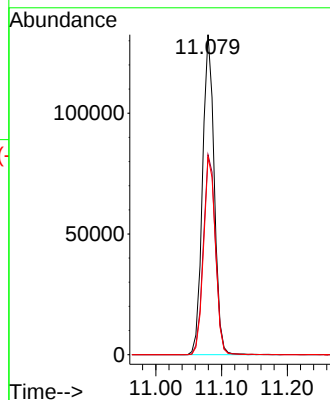
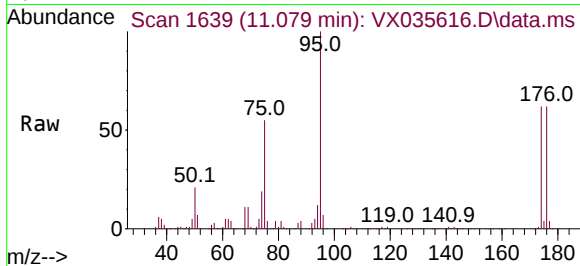




#62
4-Bromofluorobenzene
Concen: 48.314 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

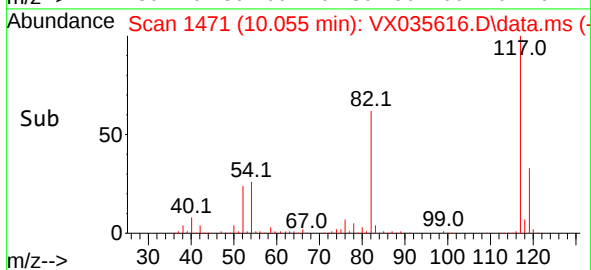
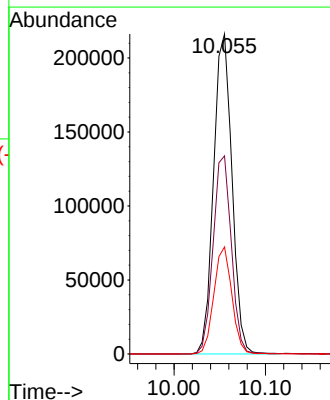
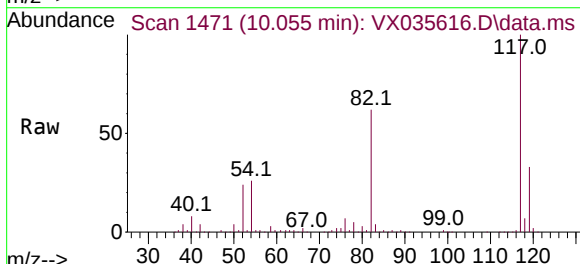
Instrument :
MSVOA_X
ClientSampleId :
230510034-01-TRIP-BLANK

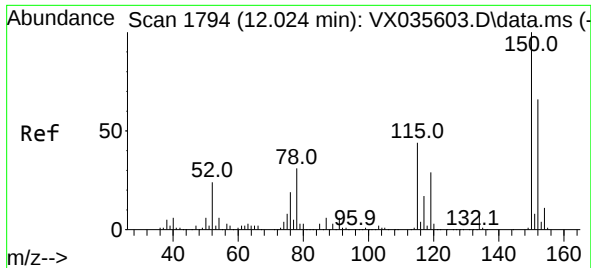
Tgt Ion: 95 Resp: 163646
Ion Ratio Lower Upper
95 100
174 64.5 0.0 147.4
176 62.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035616.D
Acq: 11 May 2023 18:37

Tgt Ion: 117 Resp: 302334
Ion Ratio Lower Upper
117 100
82 61.9 45.0 67.4
119 33.4 26.0 39.0

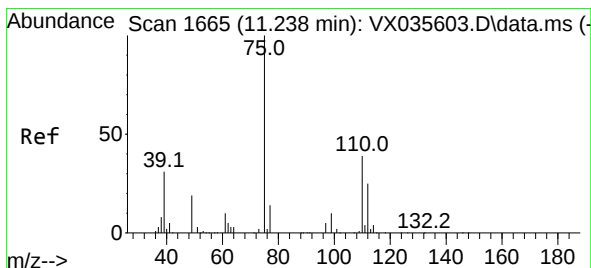
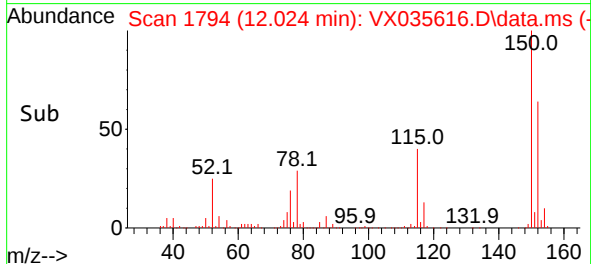
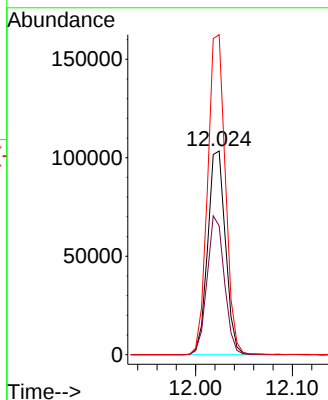
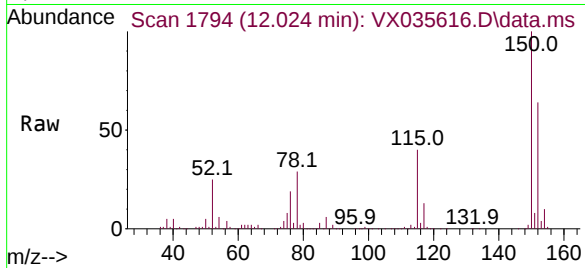




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035616.D
 Acq: 11 May 2023 18:37

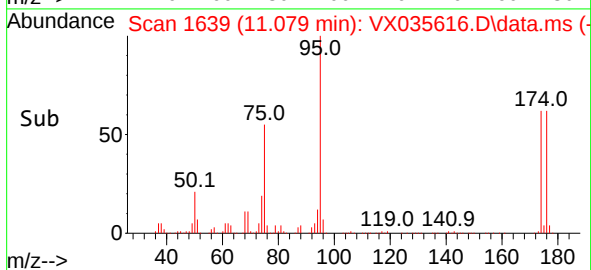
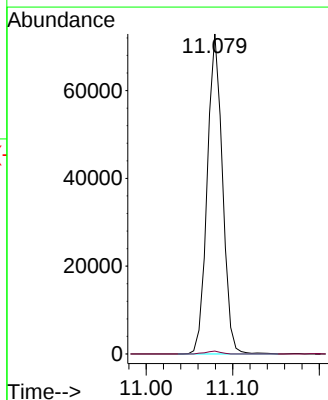
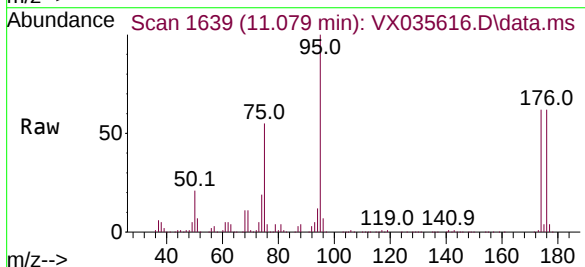
Instrument :
 MSVOA_X
 ClientSampleId :
 230510034-01-TRIP-BLANK

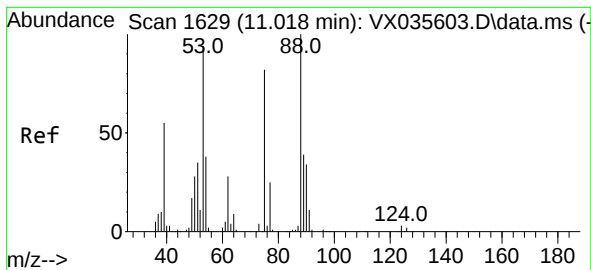
Tgt Ion:152 Resp: 131745
 Ion Ratio Lower Upper
 152 100
 115 66.5 45.0 135.0
 150 157.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.615 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035616.D
 Acq: 11 May 2023 18:37

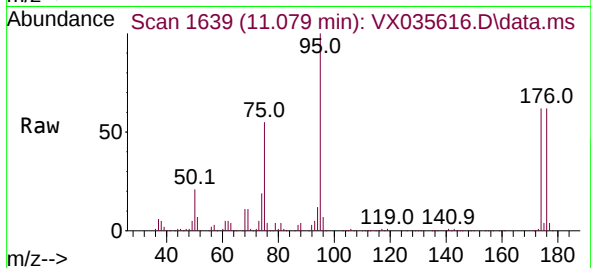
Tgt Ion: 75 Resp: 88990
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.999 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035616.D
 Acq: 11 May 2023 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 230510034-01-TRIP-BLANK



Tgt Ion: 75 Resp: 88990
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

