

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035902.D
 Acq On : 30 May 2023 13:40
 Operator : JC/MD
 Sample : 02945-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 30 16:31:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

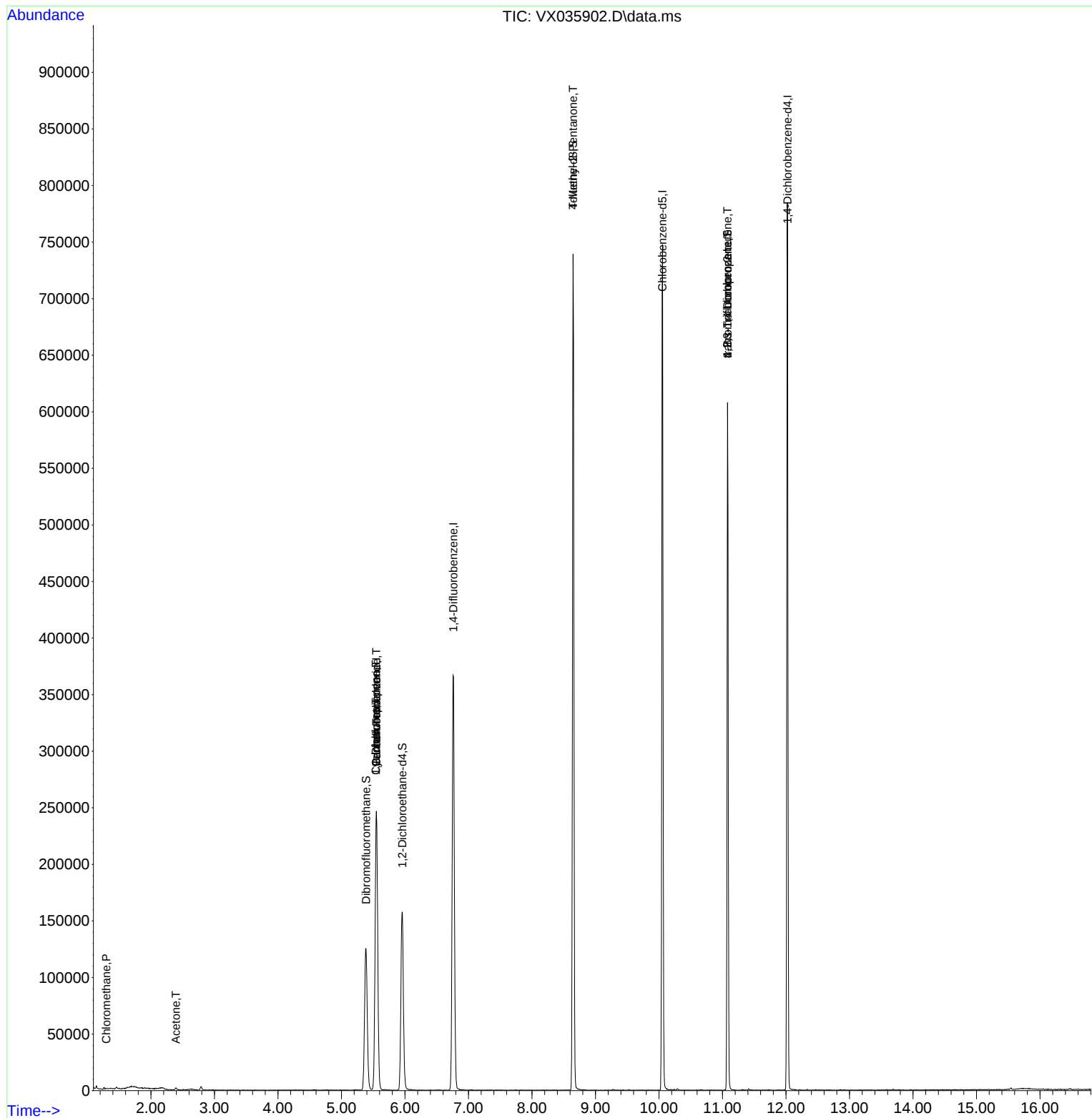
Internal Standards						
1) Pentafluorobenzene	5.550	168	210667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352560	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164144	43.845	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.700%
35) Dibromofluoromethane	5.385	113	110345	45.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.120%
50) Toluene-d8	8.647	98	422517	47.539	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	163458	46.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	649	0.225	ug/l	98
16) Acetone	2.392	43	2374	1.571	ug/l	96
20) Methylene Chloride	2.794	84	1530	Below Cal	#	89
31) Cyclohexane	5.544	56	5361	1.206	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20033	5.448	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24751	7.141	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2200	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	90975	24.964	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	90975	78.367	ug/l #	3

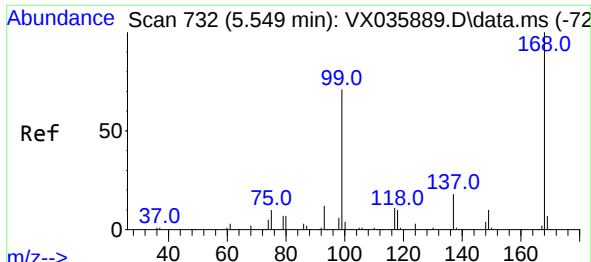
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TRIP-BLANK

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Response via : Initial Calibration

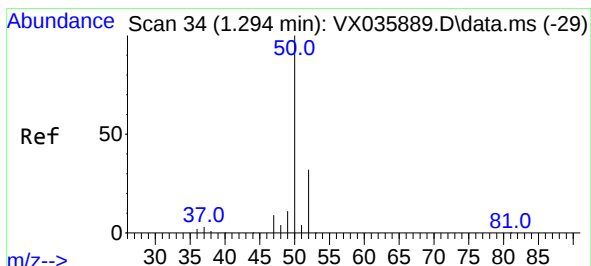
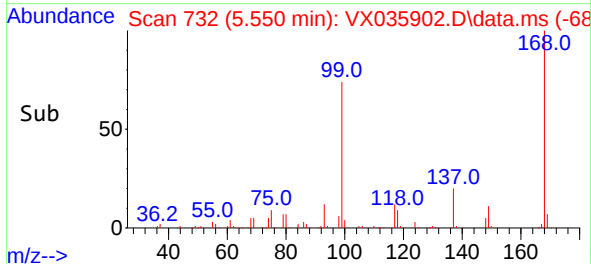
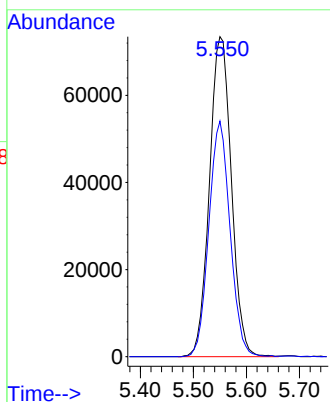
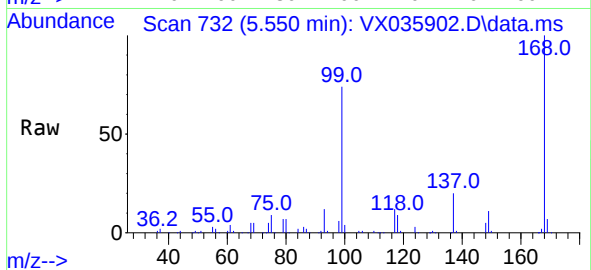




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

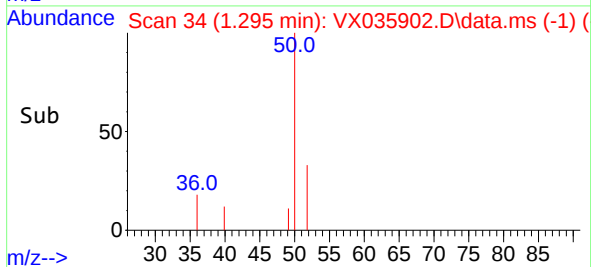
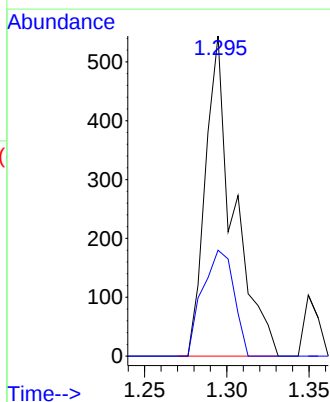
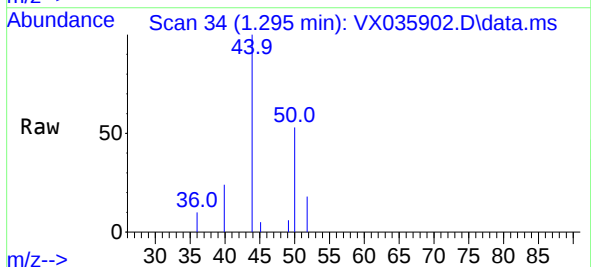
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

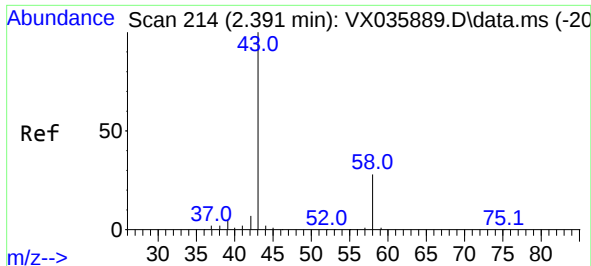
Tgt Ion:168 Resp: 210667
Ion Ratio Lower Upper
168 100
99 73.6 57.0 85.6



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

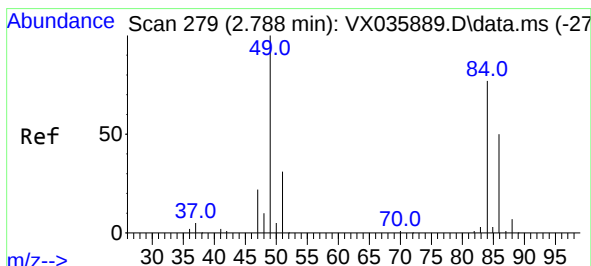
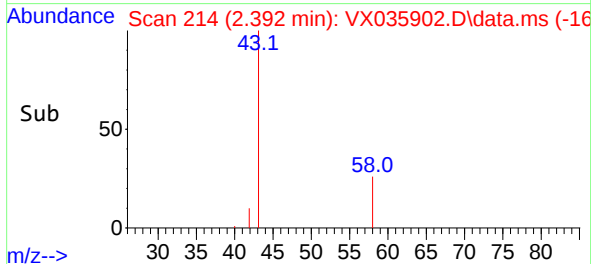
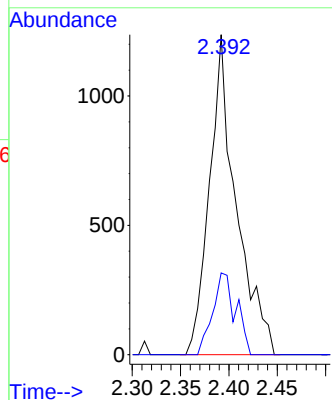
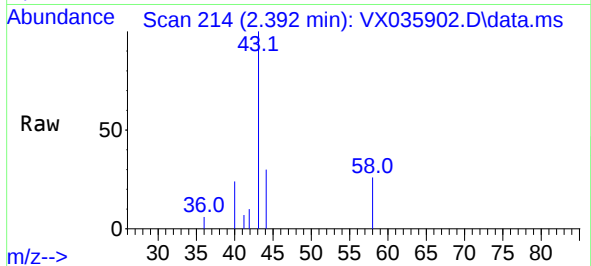




#16
Acetone
Concen: 1.571 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.001 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

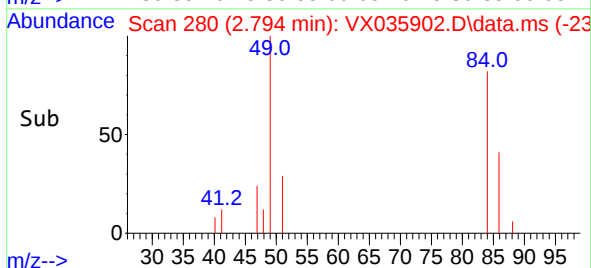
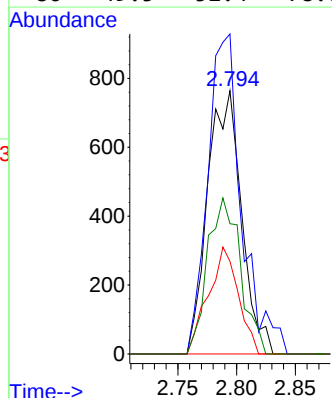
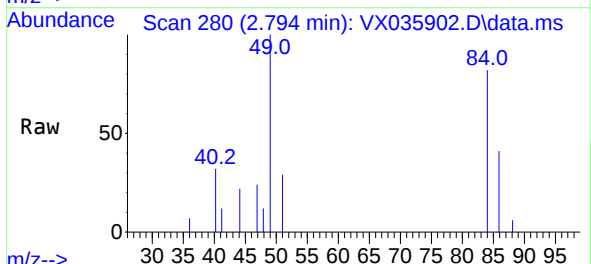
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

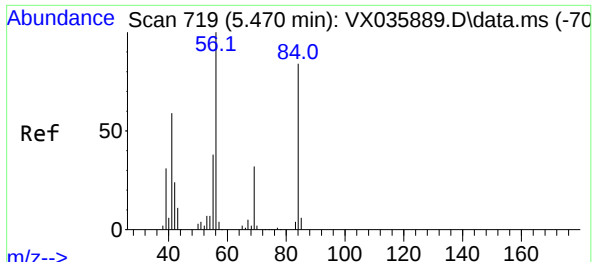
Tgt Ion: 43 Resp: 2374
Ion Ratio Lower Upper
43 100
58 25.5 22.2 33.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

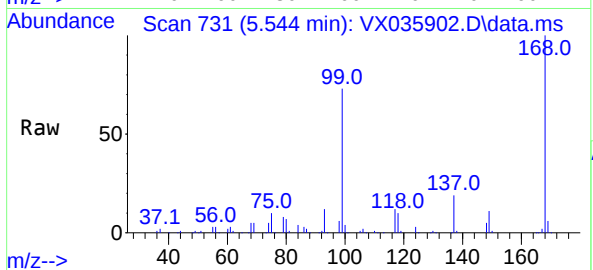
Tgt Ion: 84 Resp: 1530
Ion Ratio Lower Upper
84 100
49 121.6 104.6 156.8
51 35.2 32.2 48.4
86 49.5 52.4 78.6#



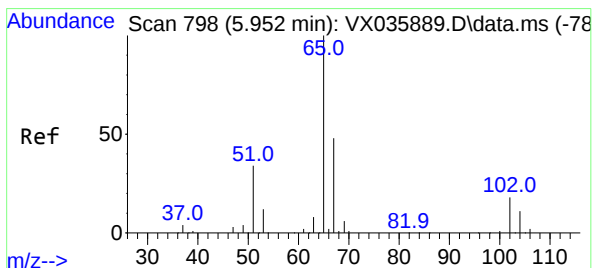
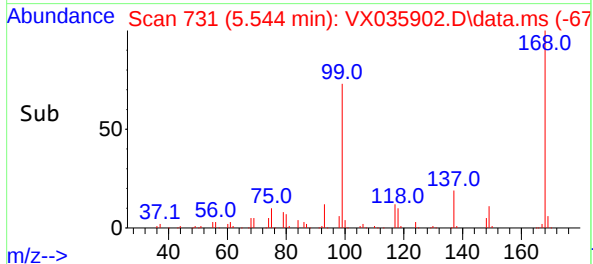
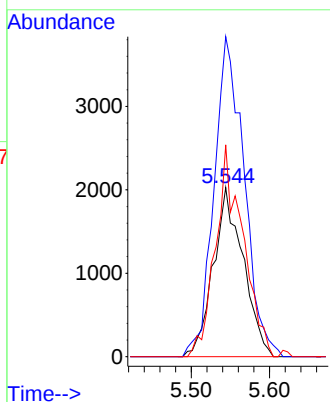


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

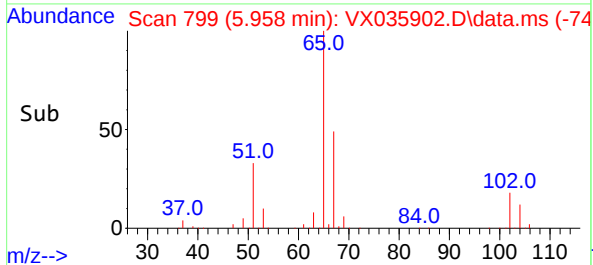
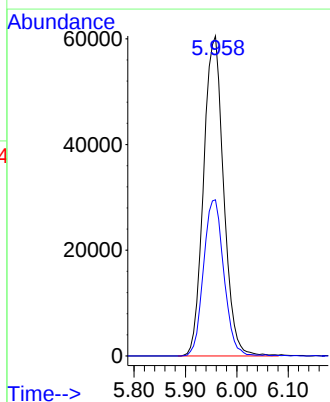
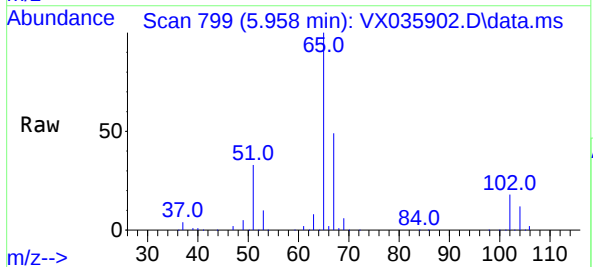


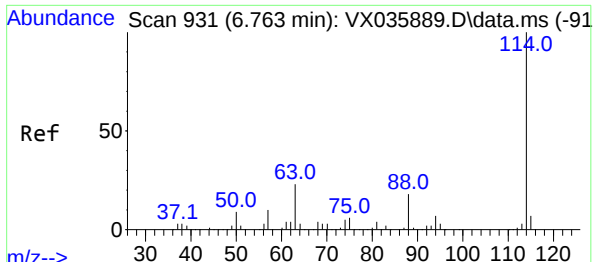
Tgt Ion: 56 Resp: 5361
Ion Ratio Lower Upper
56 100
69 189.2 25.9 38.9#
84 125.3 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 43.845 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.007 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

Tgt Ion: 65 Resp: 164144
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.6

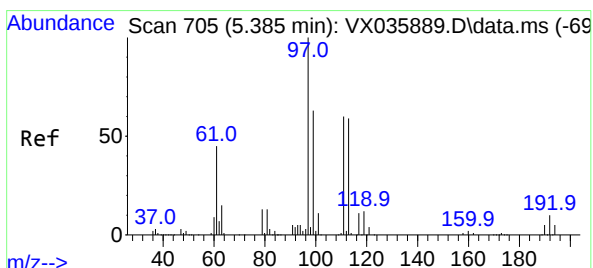
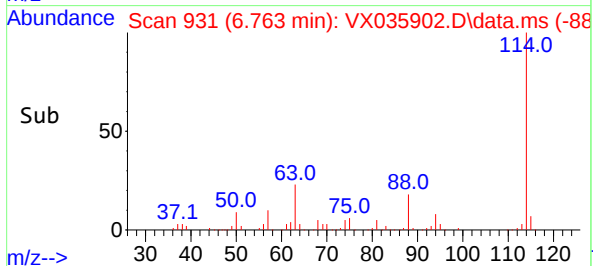
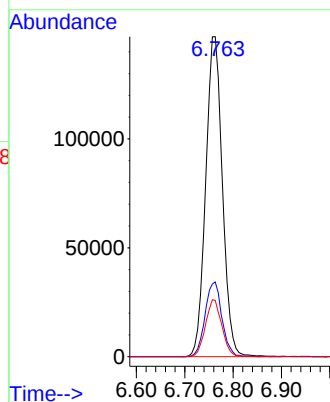
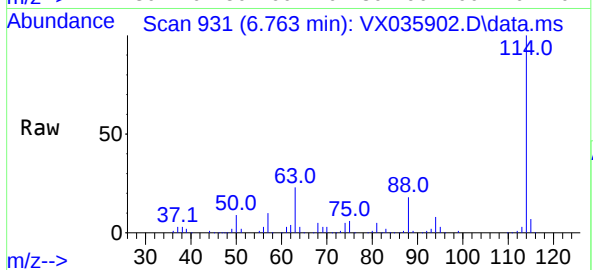




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

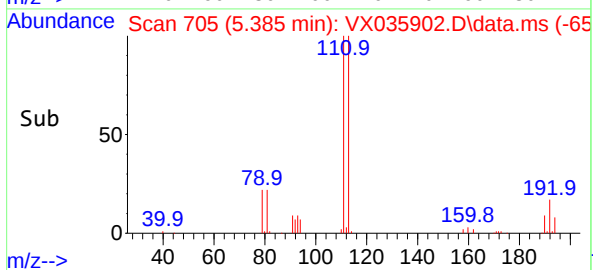
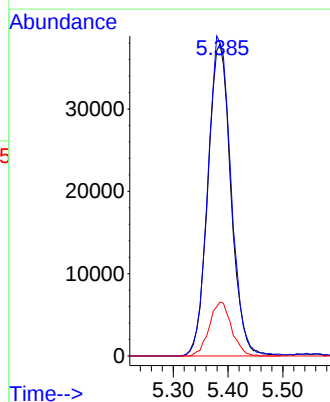
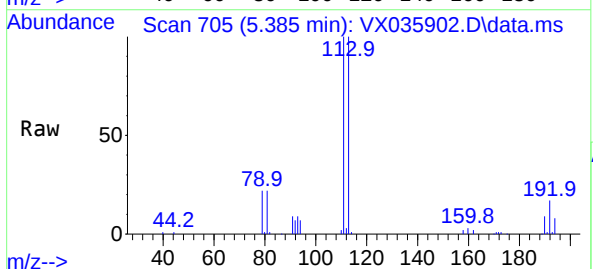
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

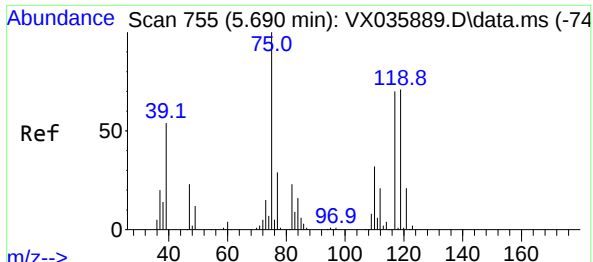
Tgt Ion:114 Resp: 352560
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.0
88 17.6 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.564 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.001 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

Tgt Ion:113 Resp: 110345
Ion Ratio Lower Upper
113 100
111 103.1 81.7 122.5
192 16.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.448 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX035902.D

Acq: 30 May 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

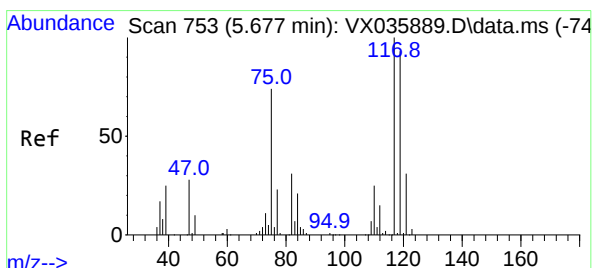
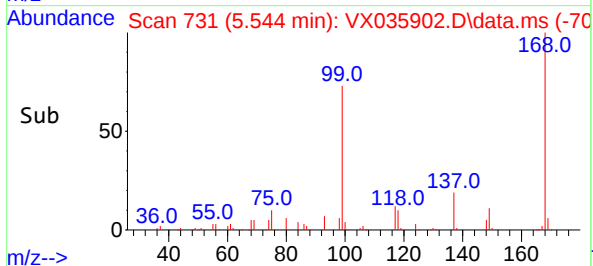
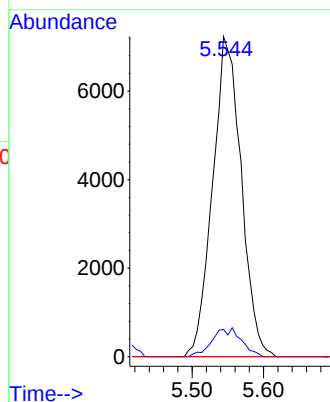
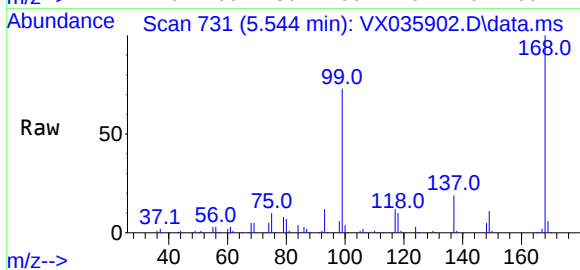
Tgt Ion: 75 Resp: 20033

Ion Ratio Lower Upper

75 100

110 9.2 16.6 49.7#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.141 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035902.D

Acq: 30 May 2023 13:40

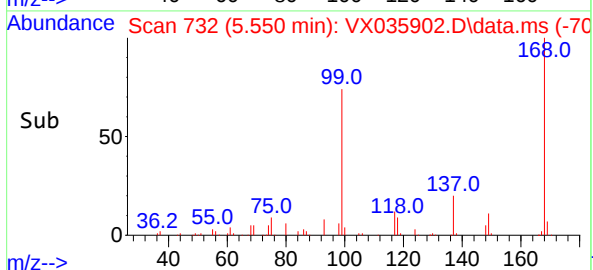
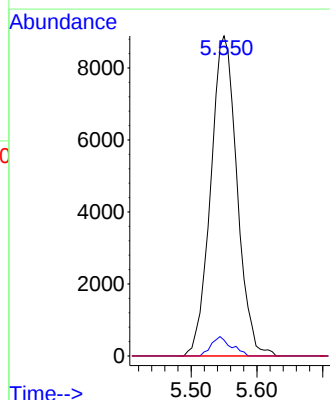
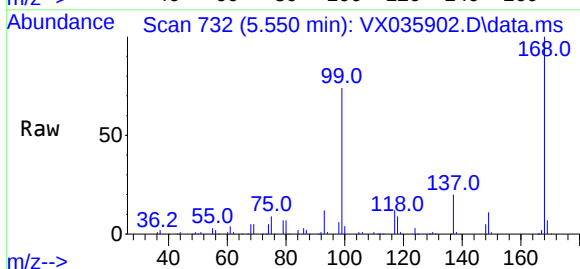
Tgt Ion: 117 Resp: 24751

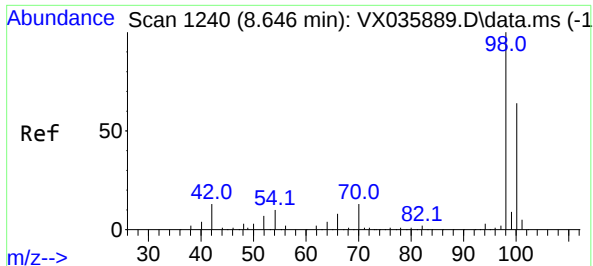
Ion Ratio Lower Upper

117 100

119 4.9 74.1 111.1#

121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 47.539 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035902.D

Acq: 30 May 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

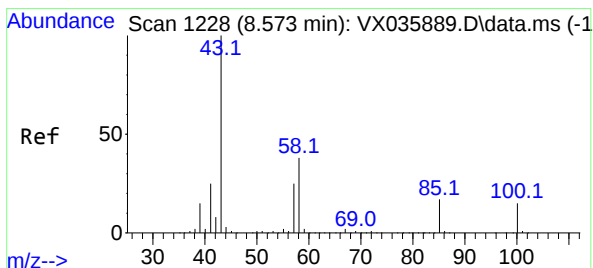
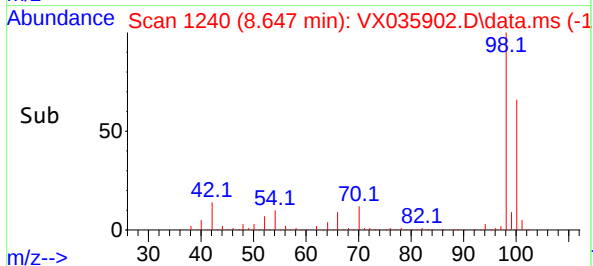
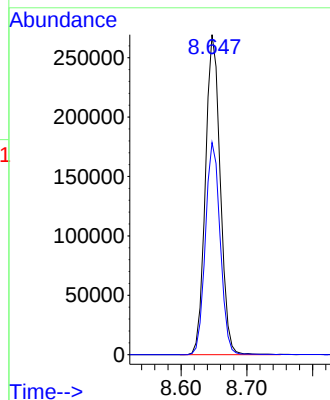
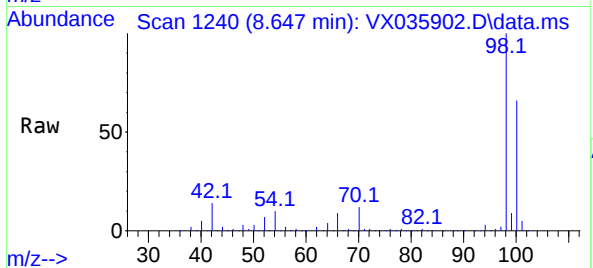
TRIP-BLANK

Tgt Ion: 98 Resp: 422517

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 0.554 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035902.D

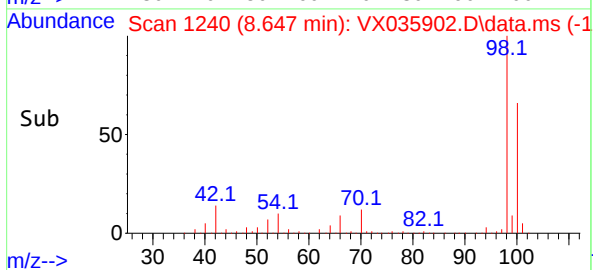
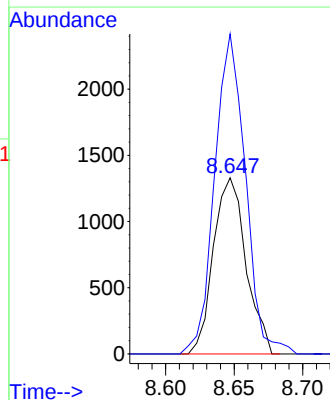
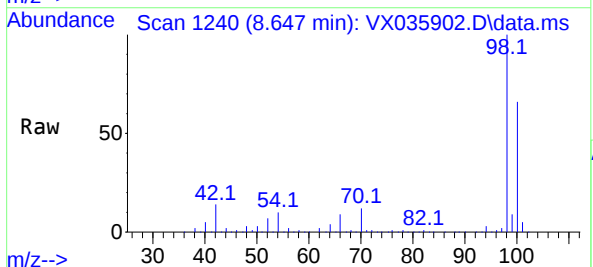
Acq: 30 May 2023 13:40

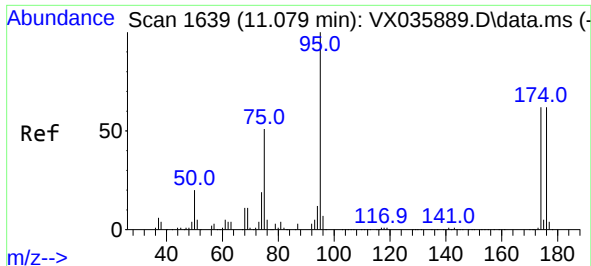
Tgt Ion: 43 Resp: 2200

Ion Ratio Lower Upper

43 100

58 171.5 30.1 45.1#

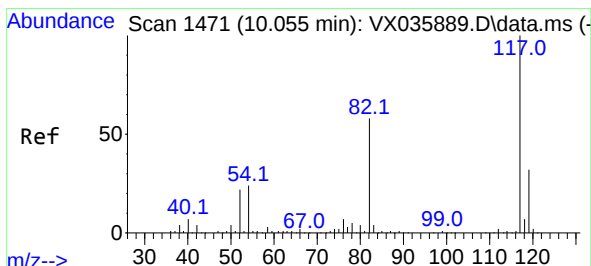
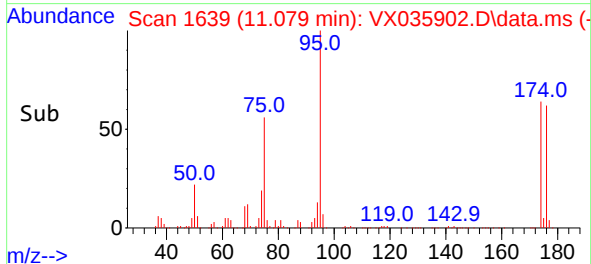
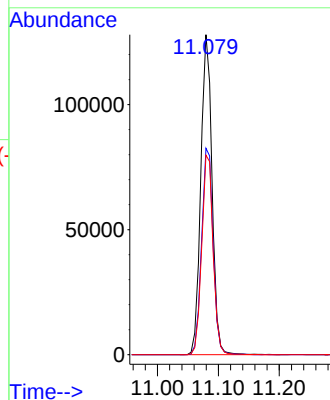
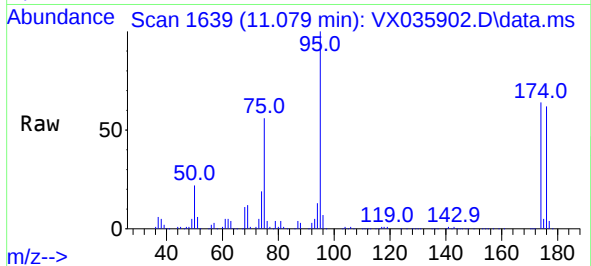




#62
4-Bromofluorobenzene
Concen: 46.680 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

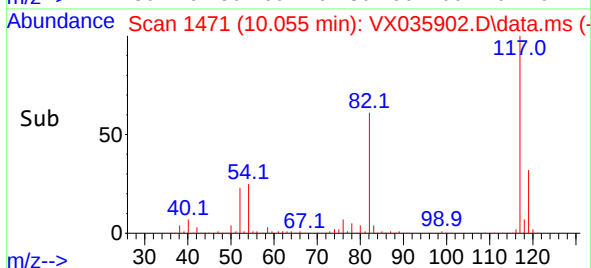
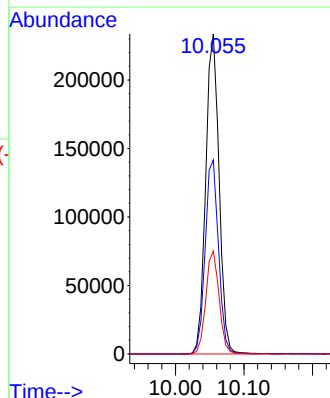
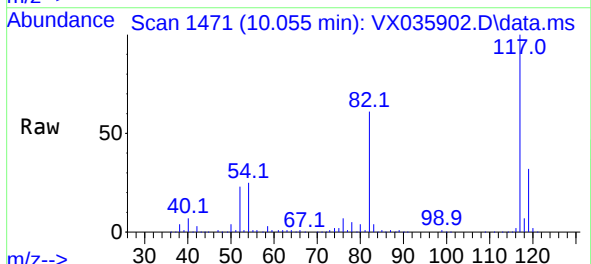
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

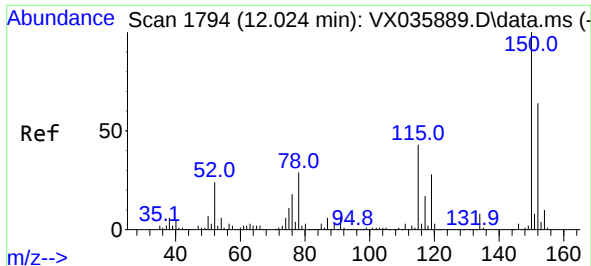
Tgt Ion: 95 Resp: 163458
Ion Ratio Lower Upper
95 100
174 66.2 0.0 132.6
176 63.2 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

Tgt Ion: 117 Resp: 317694
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 32.2 25.4 38.2

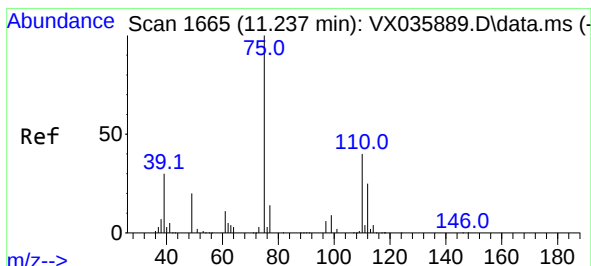
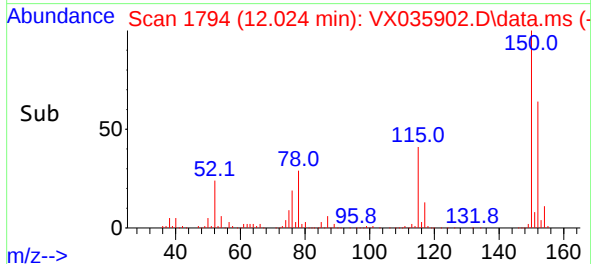
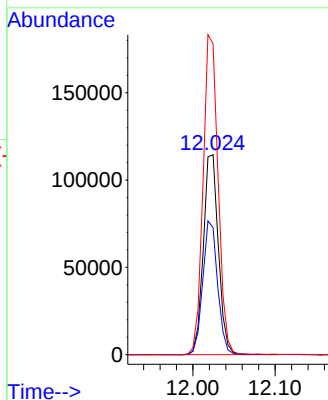
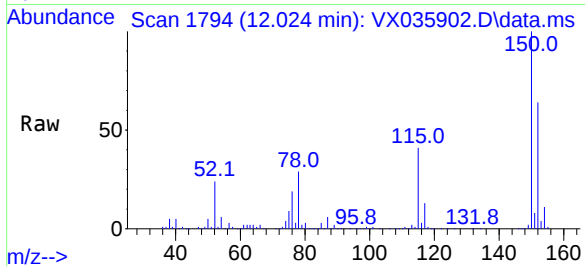




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

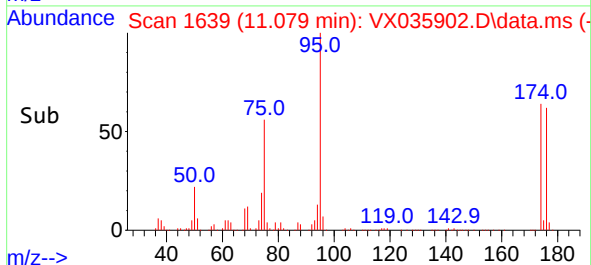
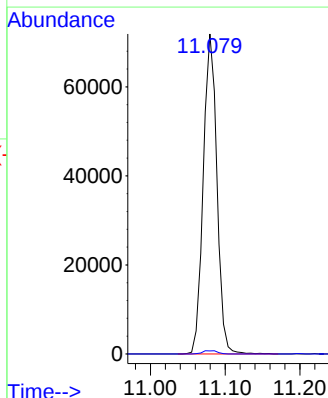
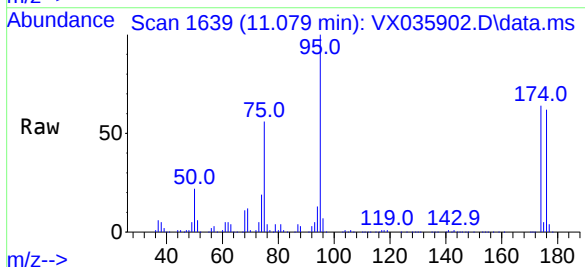
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

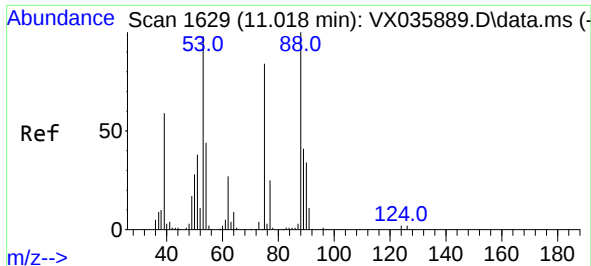
Tgt Ion:152 Resp: 146029
Ion Ratio Lower Upper
152 100
115 65.9 45.5 136.5
150 159.4 0.0 345.2



#76
1,2,3-Trichloropropane
Concen: 24.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035902.D
Acq: 30 May 2023 13:40

Tgt Ion: 75 Resp: 90975
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.367 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035902.D
 Acq: 30 May 2023 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 90975
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.0 38.0 57.0#

