

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034704.D
 Acq On : 23 Mar 2023 17:25
 Operator : JC/MD
 Sample : 02055-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 24 05:47:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

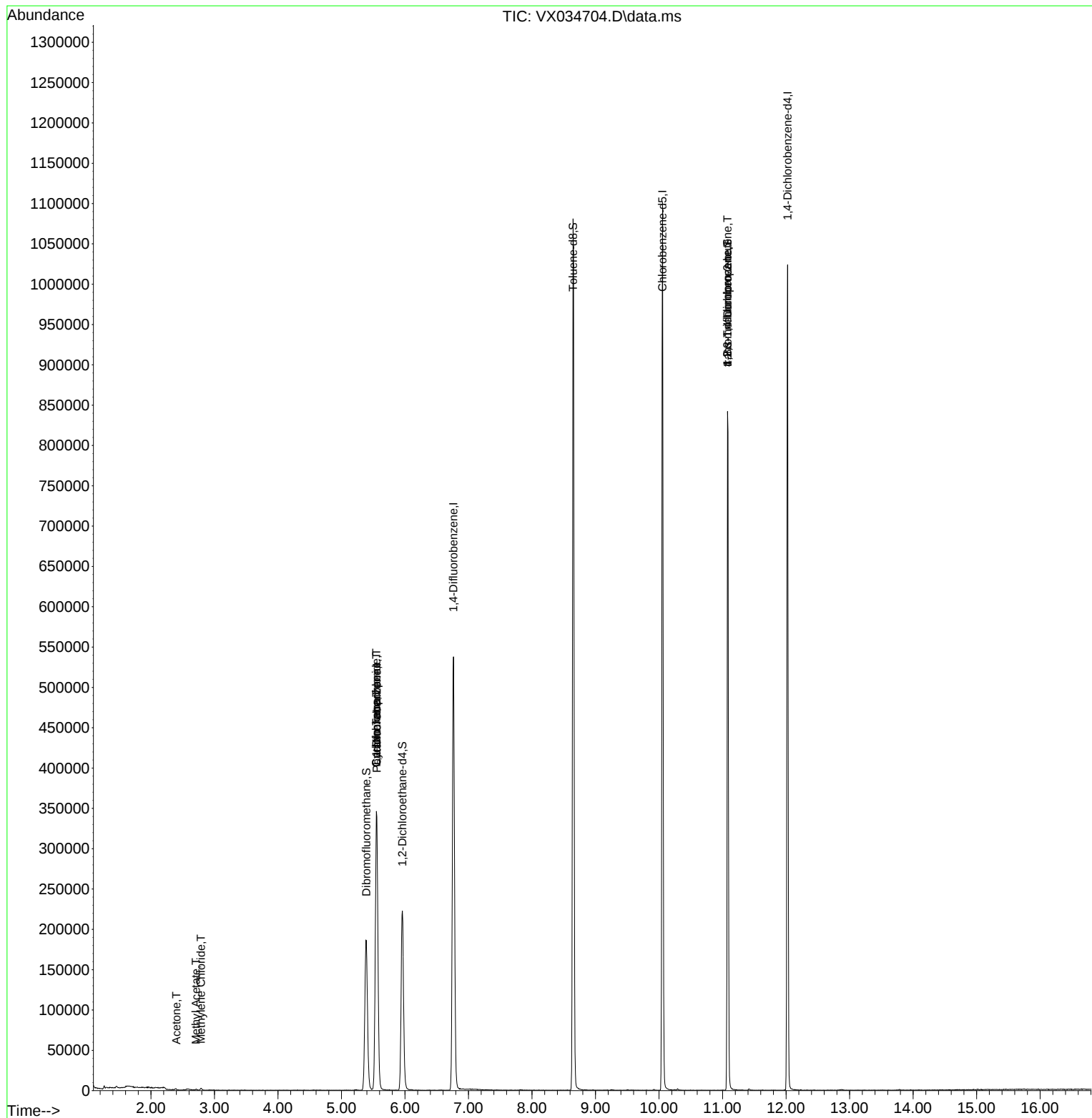
Internal Standards						
1) Pentafluorobenzene	5.555	168	316084	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	530117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222435	48.372	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.740%
35) Dibromofluoromethane	5.391	113	163590	46.739	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	8.646	98	631726	48.349	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.079	95	239521	45.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	805	Below Cal		90
16) Acetone	2.398	43	1928	0.890	ug/l #	80
18) Methyl Acetate	2.708	43	1515	0.214	ug/l #	77
20) Methylene Chloride	2.788	84	1029	0.245	ug/l #	89
31) Cyclohexane	5.549	56	7755	1.203	ug/l #	17
36) 1,1-Dichloropropene	5.549	75	26241	4.881	ug/l #	51
38) Carbon Tetrachloride	5.549	117	34095	6.375	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	124191	26.405	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	124191	71.435	ug/l #	8

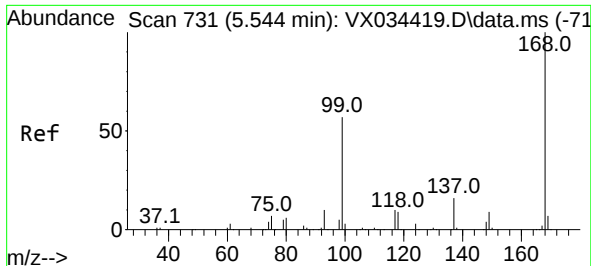
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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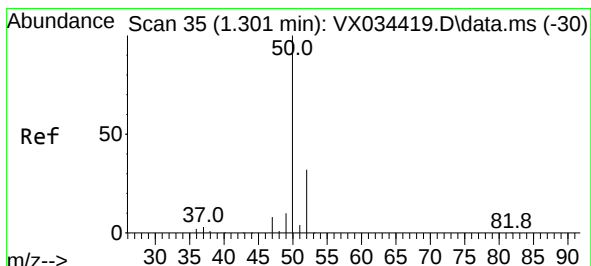
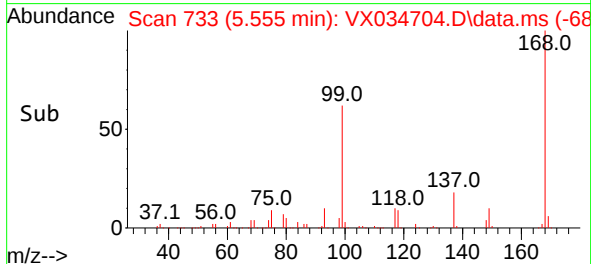
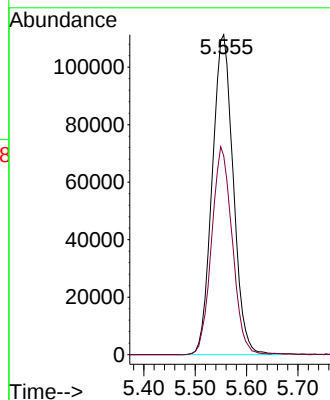
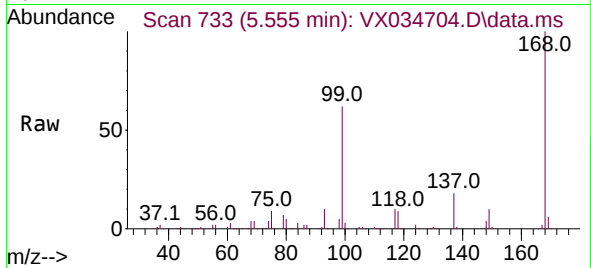




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

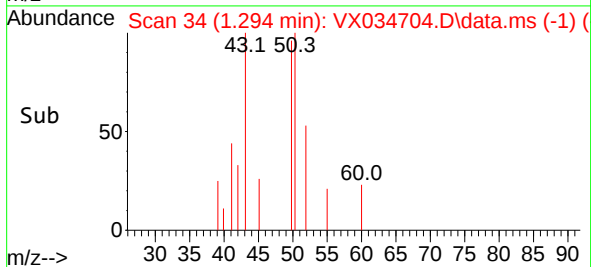
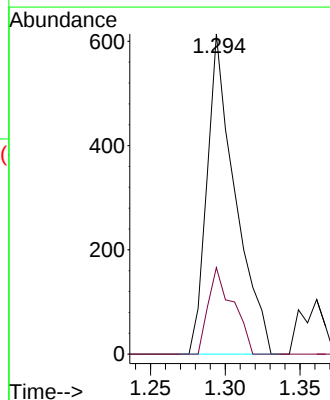
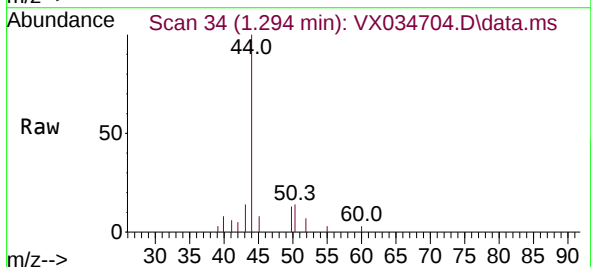
Instrument :
MSVOA_X
ClientSampleId :
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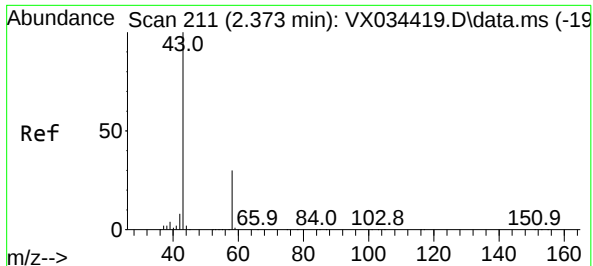
Tgt Ion:168 Resp: 316084
Ion Ratio Lower Upper
168 100
99 62.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

Tgt Ion: 50 Resp: 805
Ion Ratio Lower Upper
50 100
52 27.0 25.9 38.9

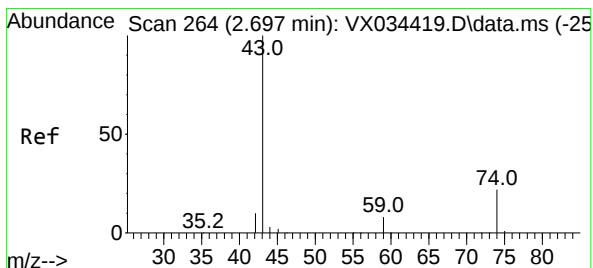
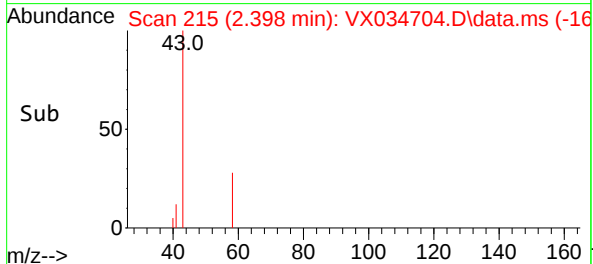
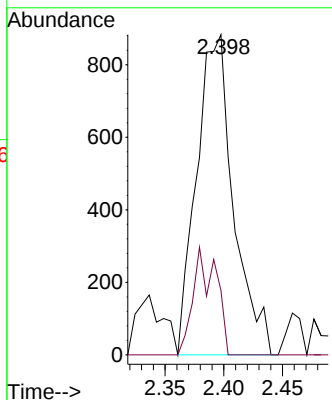
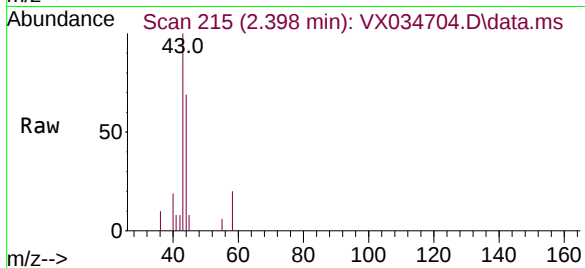




#16
Acetone
Concen: 0.890 ug/l
RT: 2.398 min Scan# 211
Delta R.T. 0.024 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

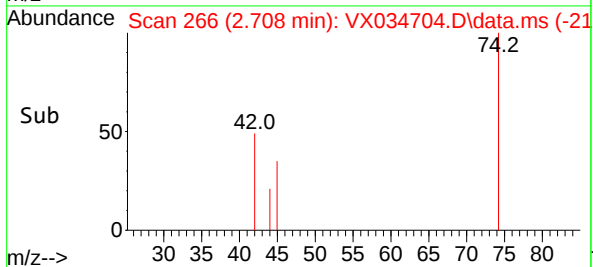
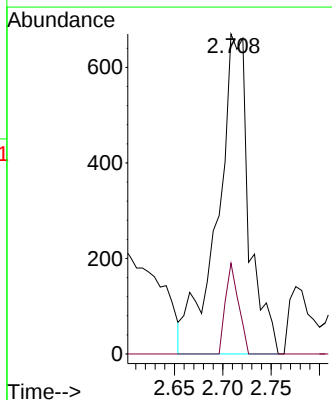
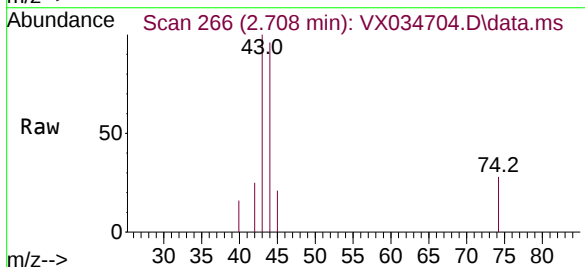
Instrument :
MSVOA_X
ClientSampleId :
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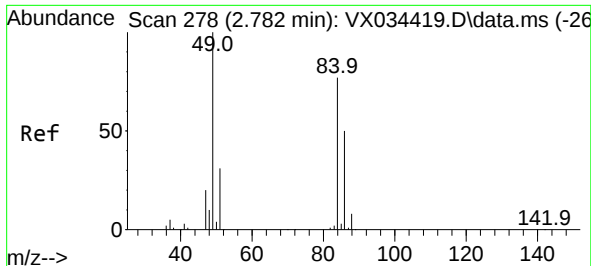
Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
58 20.2 24.7 37.1#



#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
74 11.7 18.3 27.5#

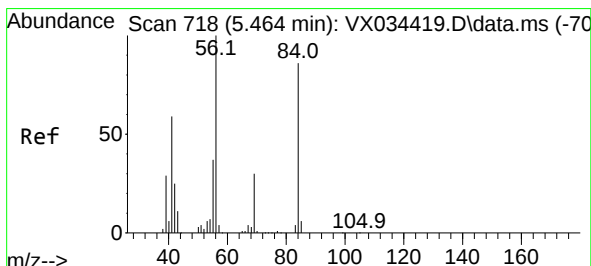
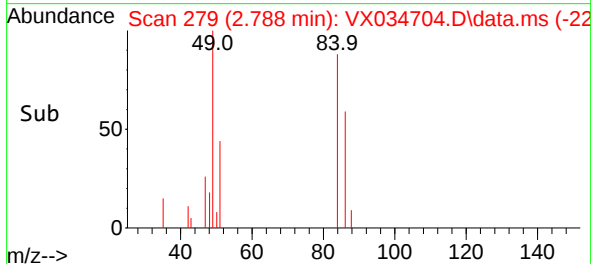
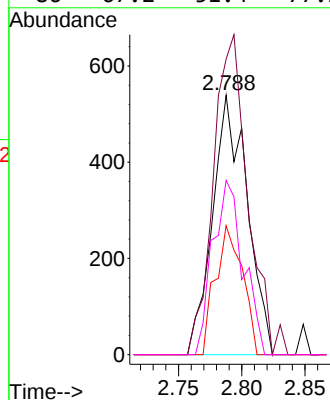
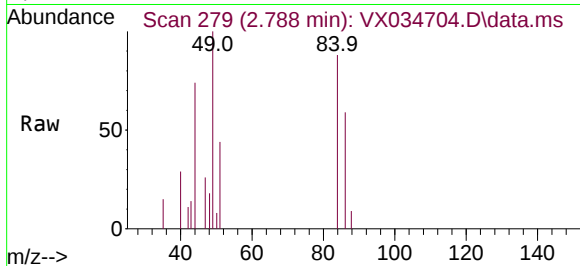




#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

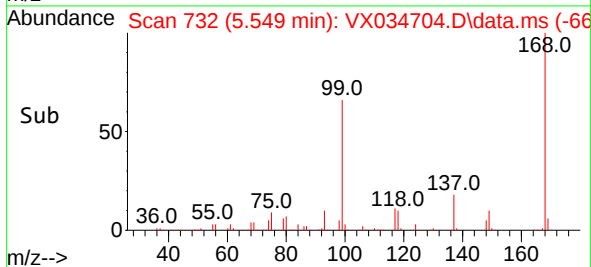
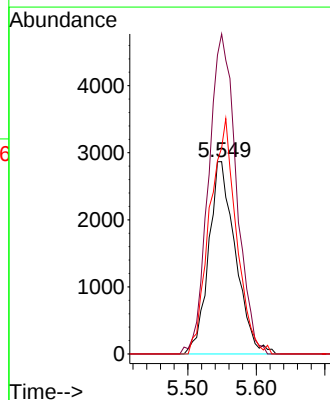
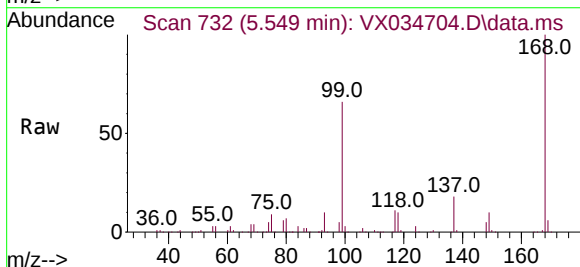
Instrument :
MSVOA_X
ClientSampleId :
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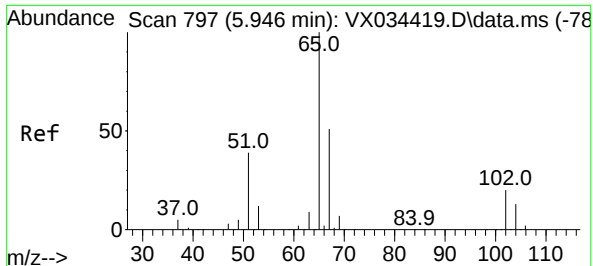
Tgt Ion:	84	Resp:	1029
Ion	Ratio	Lower	Upper
84	100		
49	113.9	103.8	155.8
51	49.7	31.8	47.8#
86	67.2	51.4	77.2



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

Tgt Ion:	56	Resp:	7755
Ion	Ratio	Lower	Upper
56	100		
69	166.4	23.7	35.5#
84	107.2	68.5	102.7#

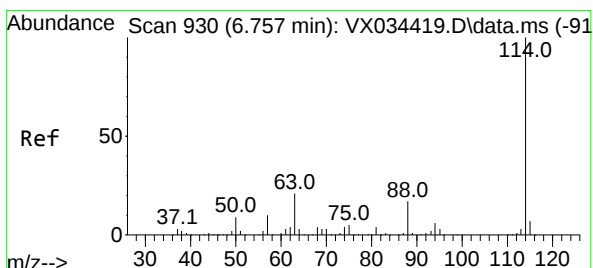
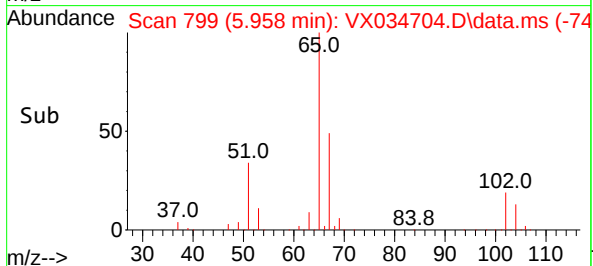
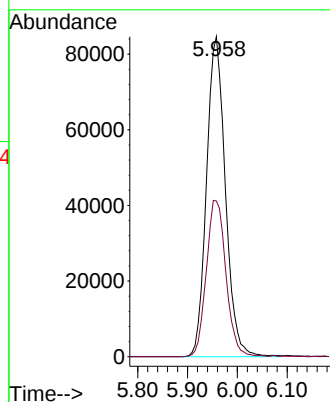
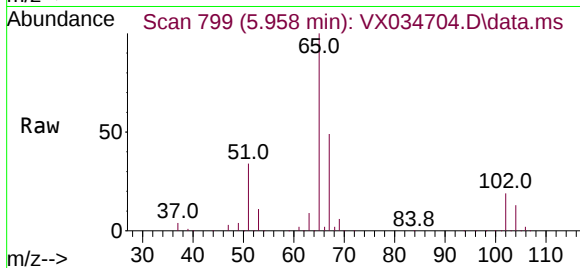




#33
 1,2-Dichloroethane-d4
 Concen: 48.372 ug/l
 RT: 5.958 min Scan# 797
 Delta R.T. 0.012 min
 Lab File: VX034704.D
 Acq: 23 Mar 2023 17:25

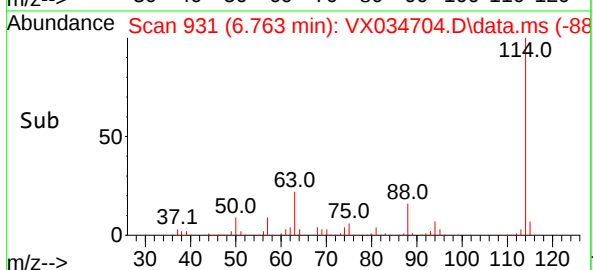
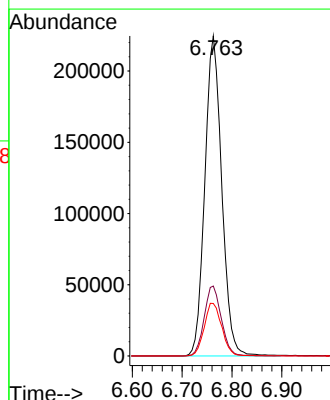
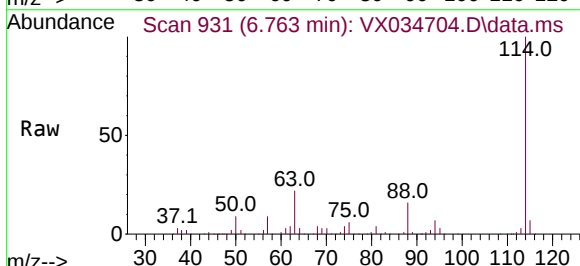
Instrument :
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 ClientSampleId :
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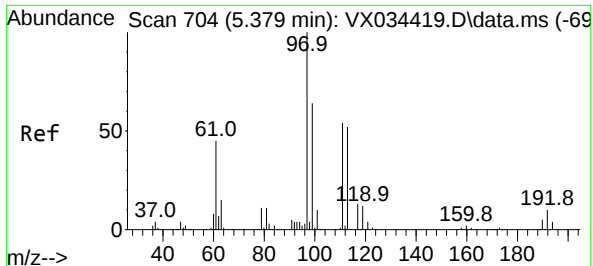
Tgt Ion: 65 Resp: 222435
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034704.D
 Acq: 23 Mar 2023 17:25

Tgt Ion: 114 Resp: 530117
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.2
 88 16.4 0.0 33.2

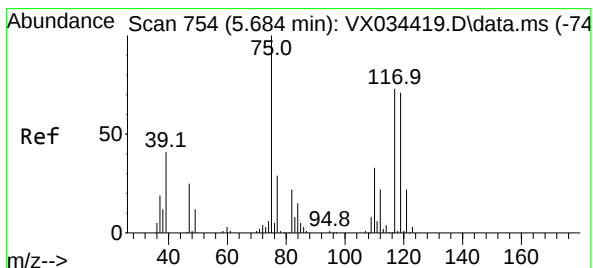
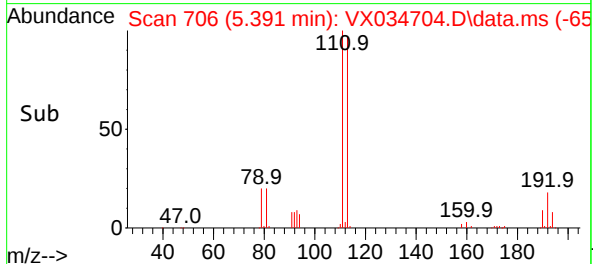
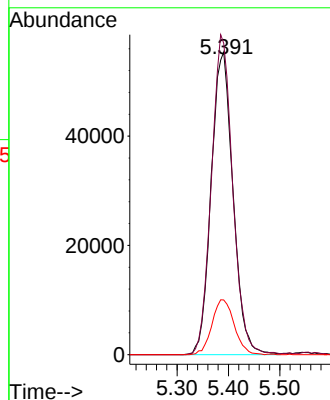
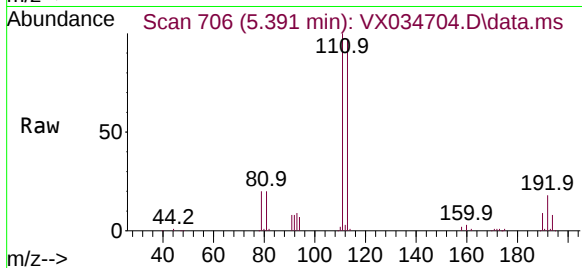




#35
Dibromofluoromethane
Concen: 46.739 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

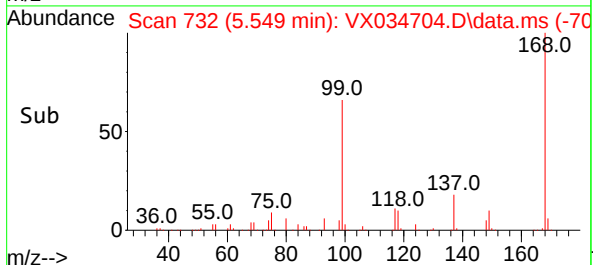
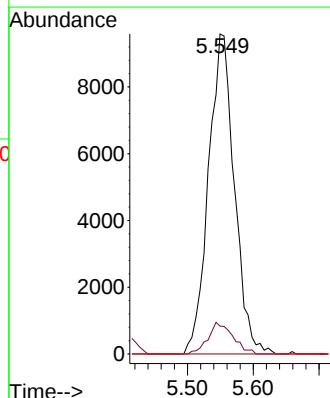
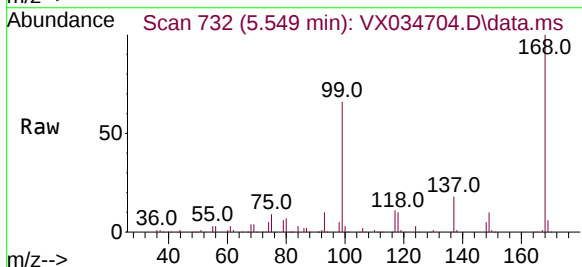
Instrument :
MSVOA_X
ClientSampleId :
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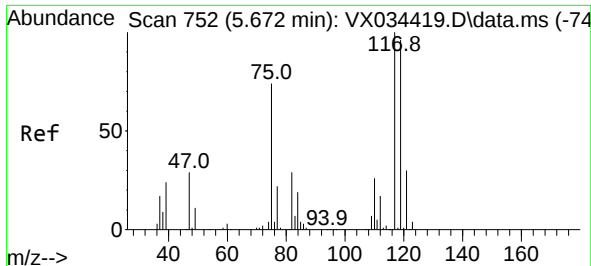
Tgt Ion:113 Resp: 163590
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

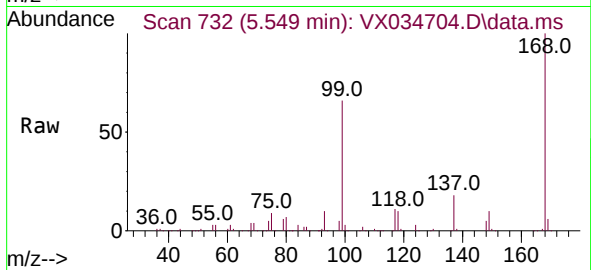
Tgt Ion: 75 Resp: 26241
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



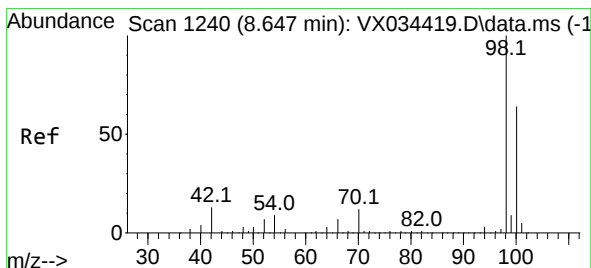
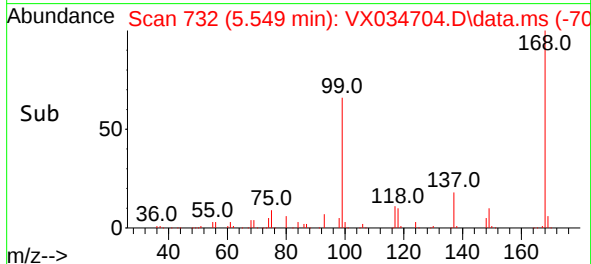
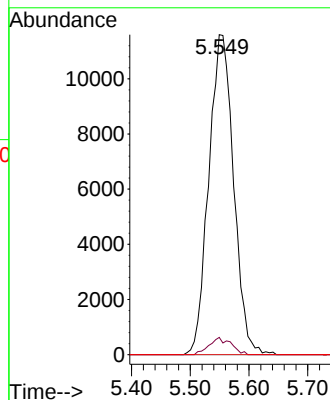


#38
Carbon Tetrachloride
Concen: 6.375 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

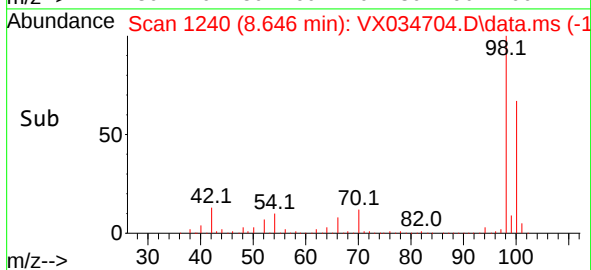
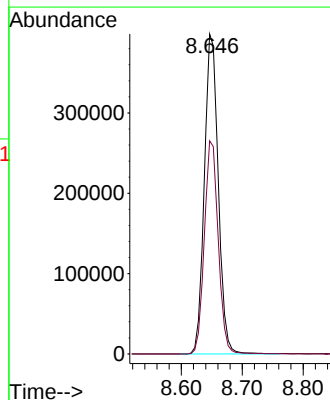
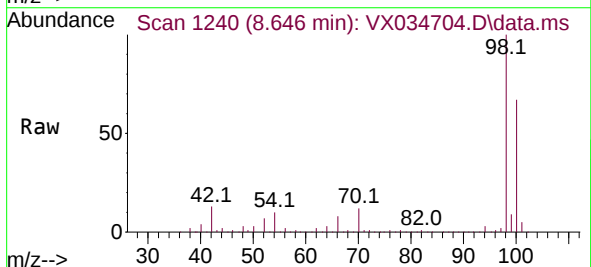


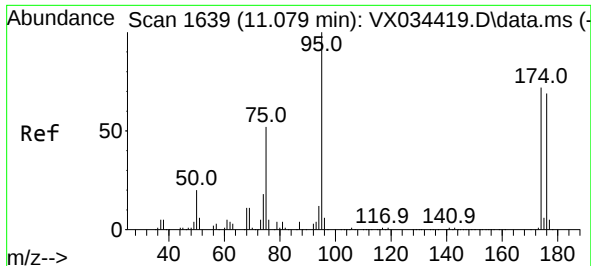
Tgt Ion:117 Resp: 34095
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.349 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

Tgt Ion: 98 Resp: 631726
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

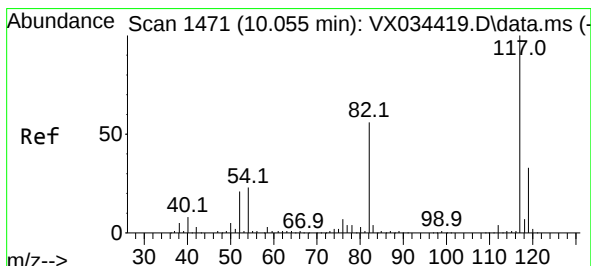
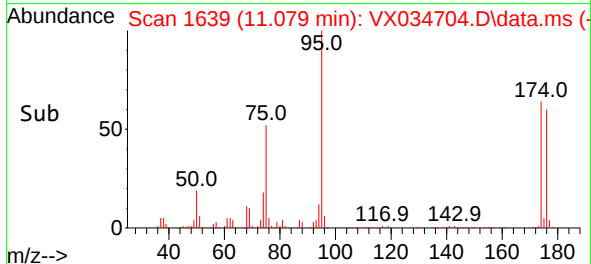
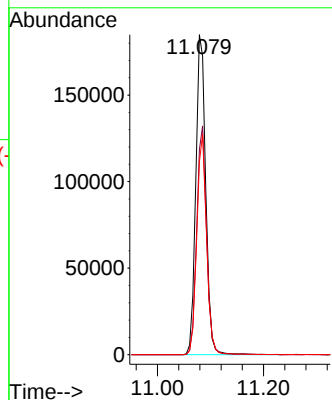
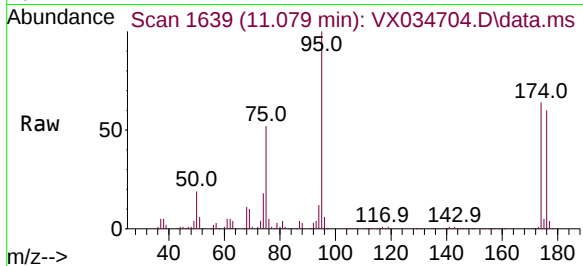




#62
4-Bromofluorobenzene
Concen: 45.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

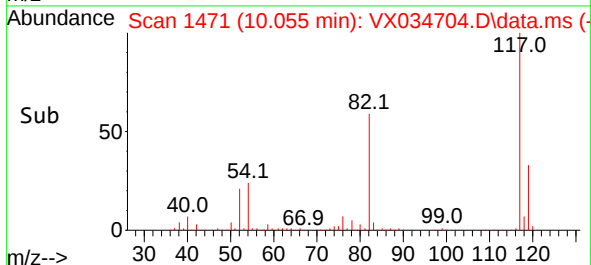
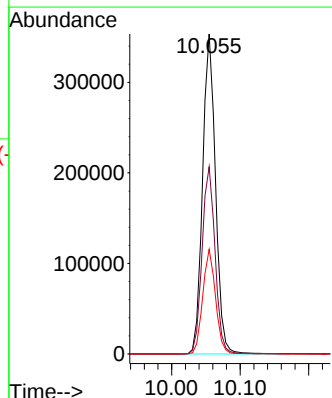
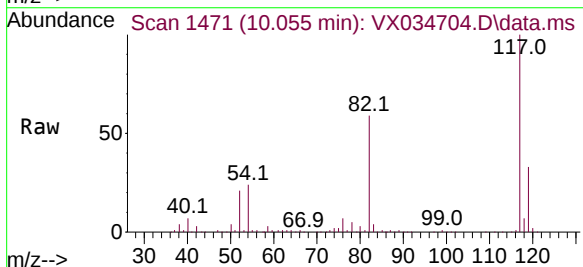
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

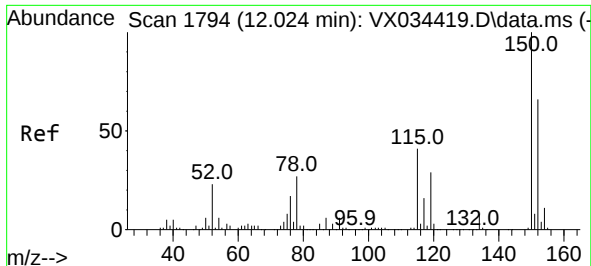
Tgt Ion: 95 Resp: 239521
Ion Ratio Lower Upper
95 100
174 70.7 0.0 147.4
176 68.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034704.D
Acq: 23 Mar 2023 17:25

Tgt Ion: 117 Resp: 464553
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.7 26.0 39.0

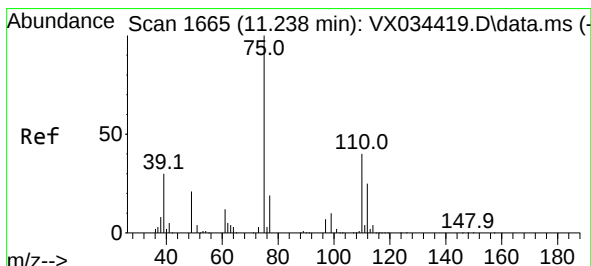
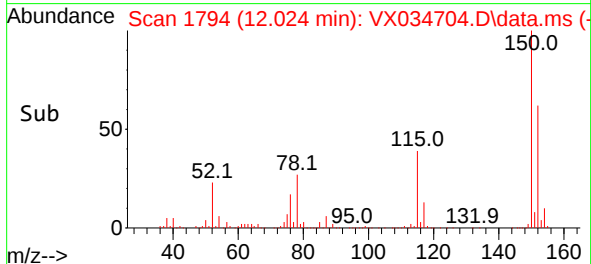
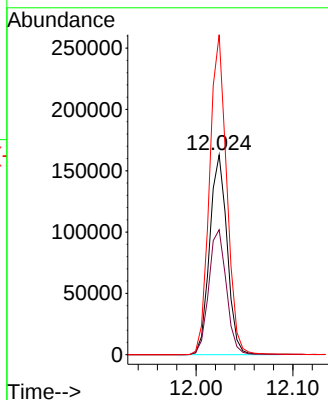
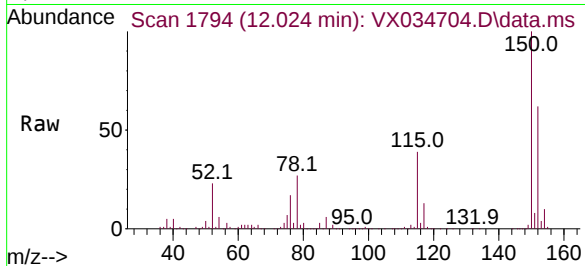




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034704.D
 Acq: 23 Mar 2023 17:25

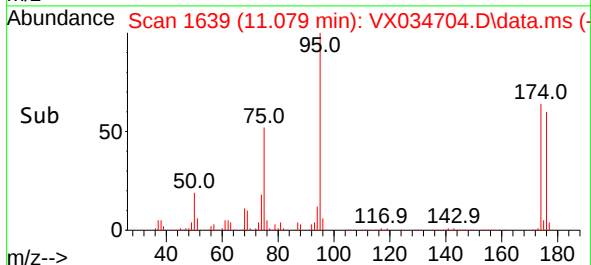
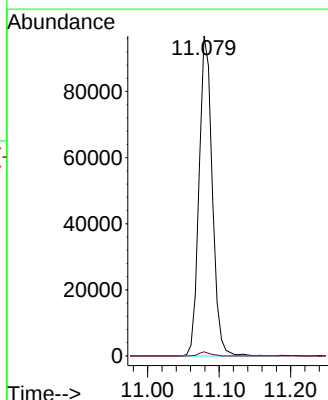
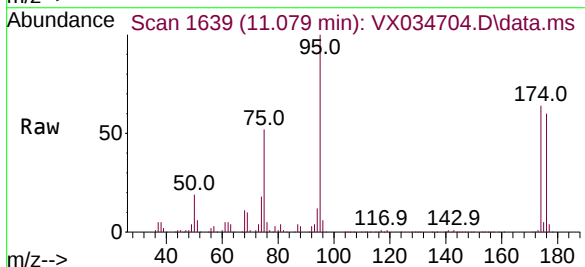
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

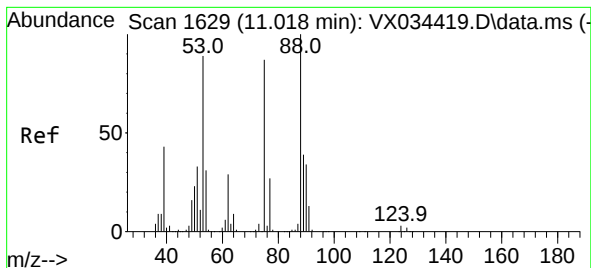
Tgt Ion:152 Resp: 204835
 Ion Ratio Lower Upper
 152 100
 115 63.2 45.0 135.0
 150 157.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.405 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034704.D
 Acq: 23 Mar 2023 17:25

Tgt Ion: 75 Resp: 124191
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.435 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX034704.D
 Acq: 23 Mar 2023 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 124191
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

