

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035019.D
 Acq On : 11 Apr 2023 19:03
 Operator : JC/MD
 Sample : 02263-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Apr 12 05:54:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

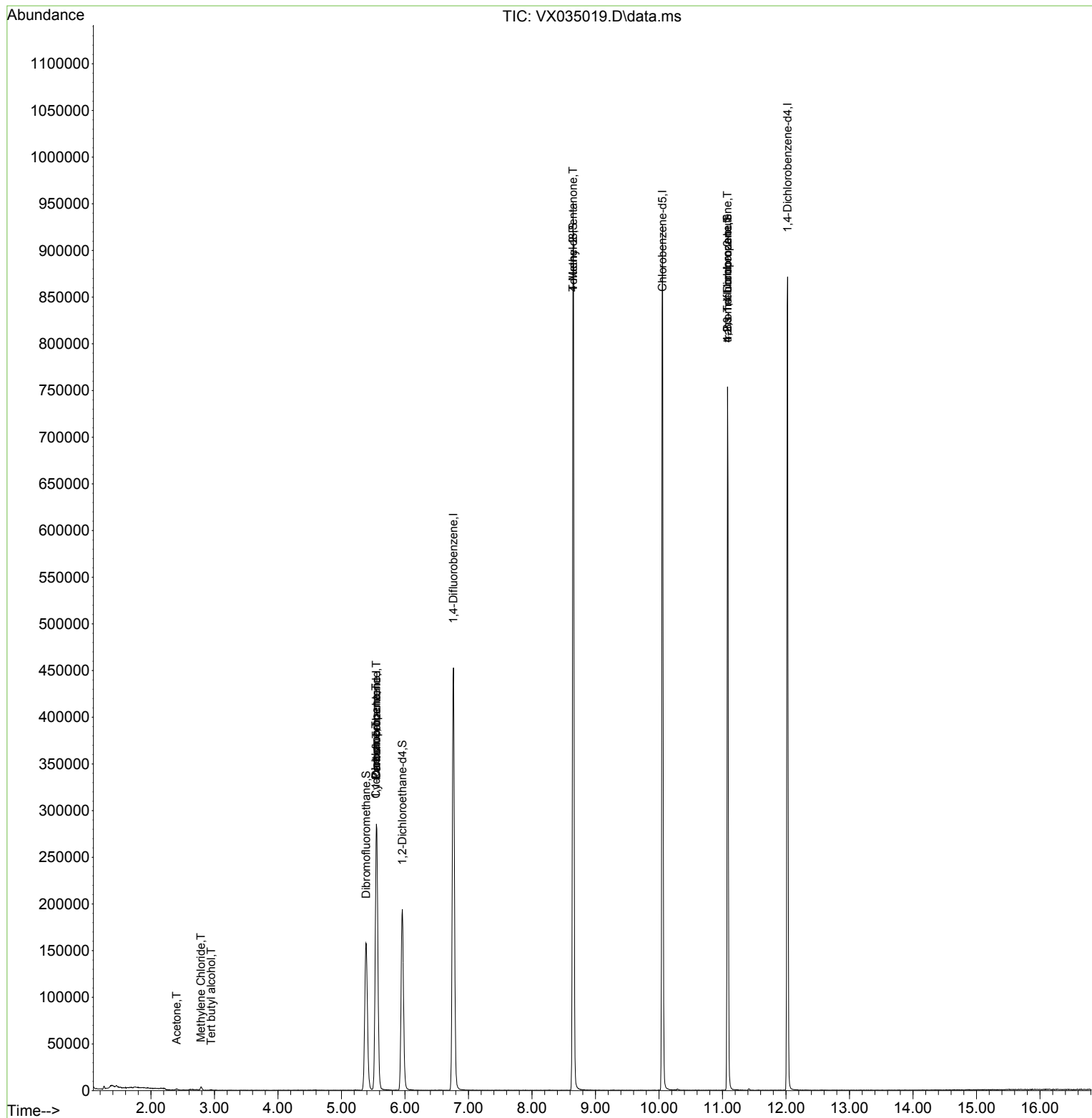
Internal Standards						
1) Pentafluorobenzene	5.550	168	261145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	449136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192838	48.284	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.560%
35) Dibromofluoromethane	5.385	113	140540	47.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	8.647	98	540826	49.323	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.640%
62) 4-Bromofluorobenzene	11.079	95	199941	47.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	285	0.407	ug/l #	73
16) Acetone	2.404	43	1979	1.220	ug/l	90
20) Methylene Chloride	2.788	84	1407	0.439	ug/l #	84
31) Cyclohexane	5.544	56	6211	1.277	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	22090	5.019	ug/l #	50
38) Carbon Tetrachloride	5.550	117	28645	6.903	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2523	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106953	30.068	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	106953	90.113	ug/l #	8

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

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Response via : Initial Calibration

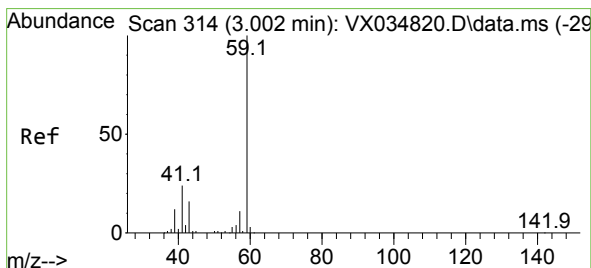
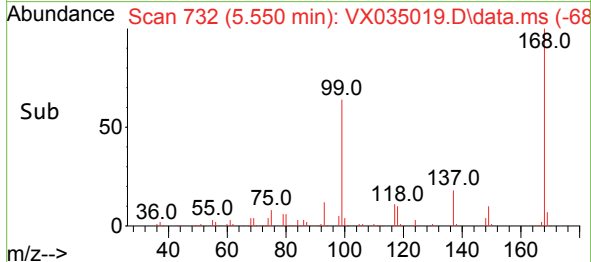
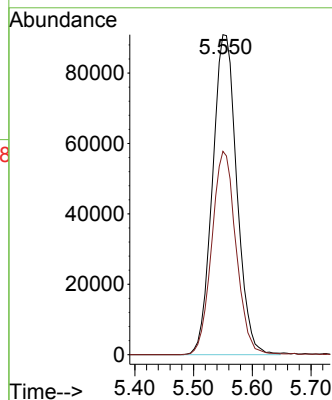
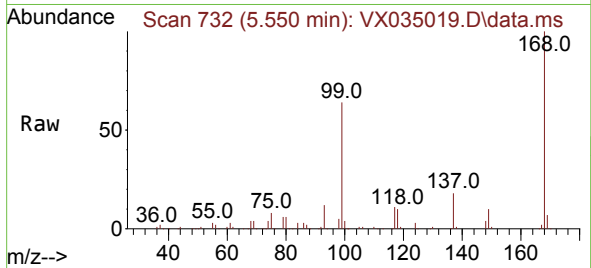




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

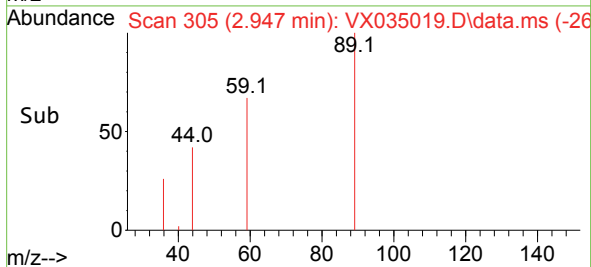
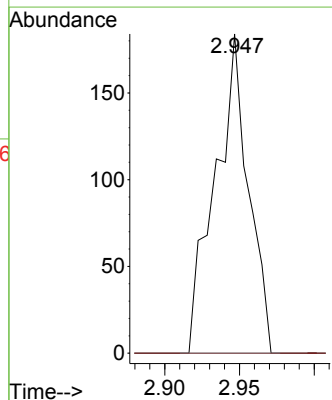
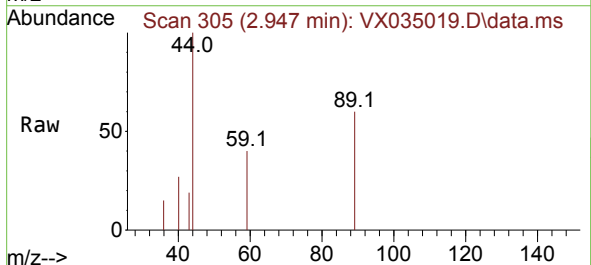
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

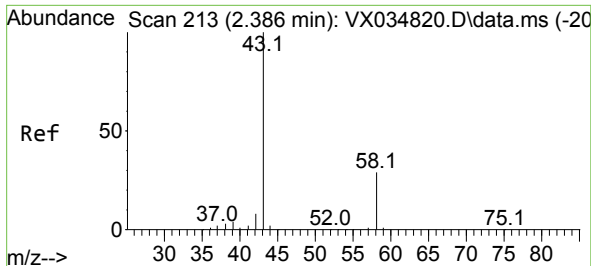
Tgt Ion:168 Resp: 261145
Ion Ratio Lower Upper
168 100
99 63.6 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.407 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

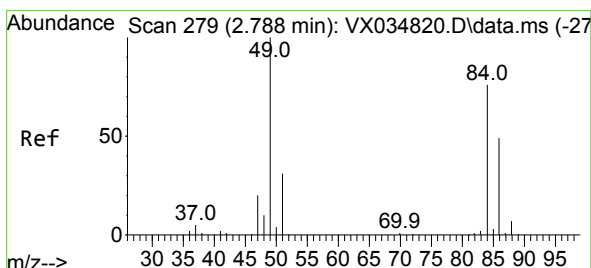
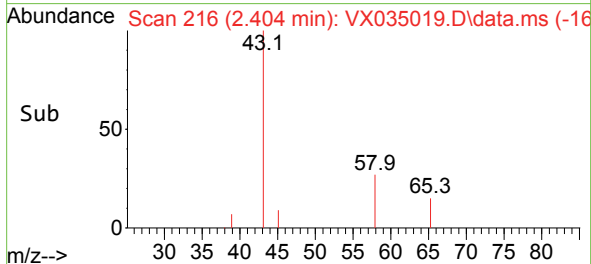
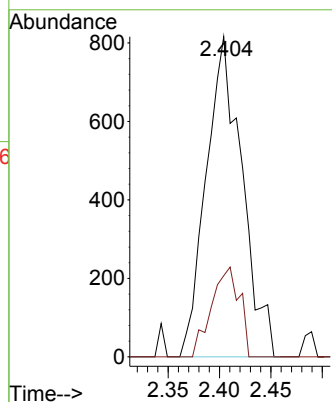
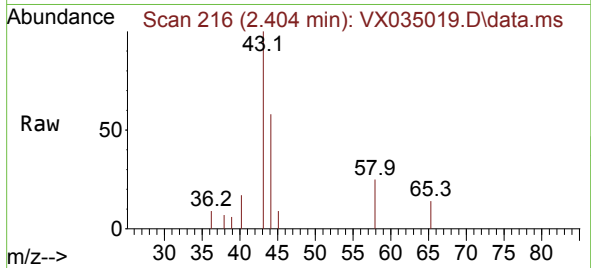




#16
Acetone
Concen: 1.220 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

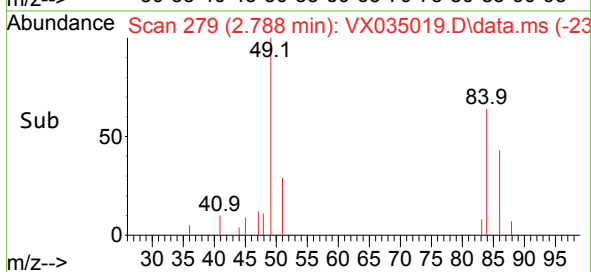
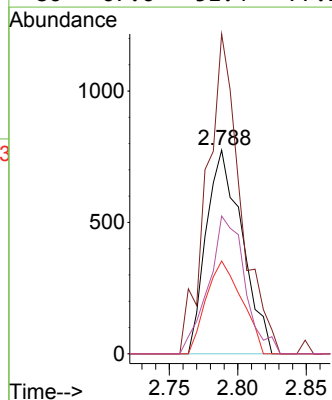
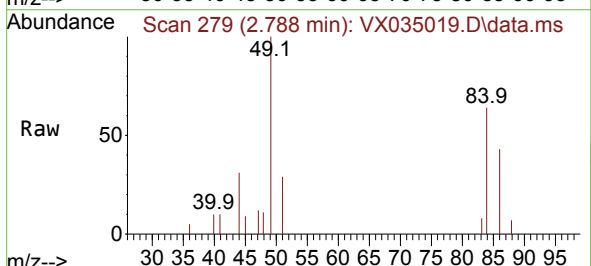
Instrument :
MSVOA_X
ClientSampleId :
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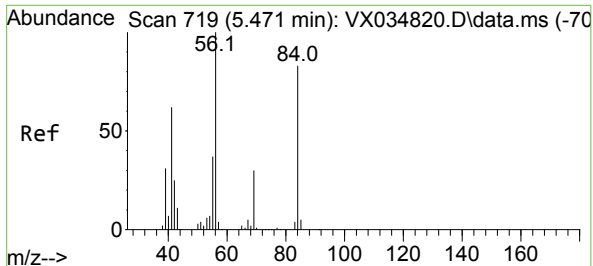
Tgt Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
58 25.4 24.7 37.1



#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

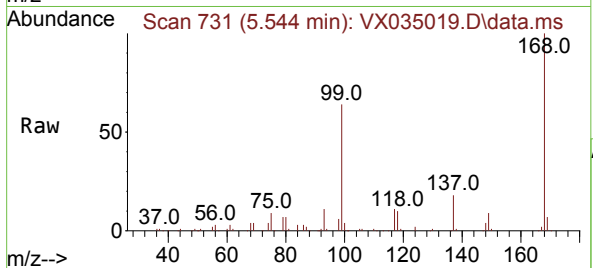
Tgt Ion: 84 Resp: 1407
Ion Ratio Lower Upper
84 100
49 157.0 103.8 155.8#
51 45.5 31.8 47.8
86 67.6 51.4 77.2



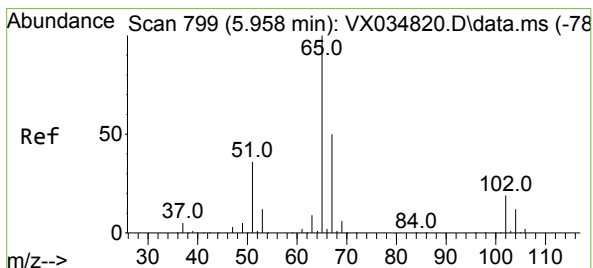
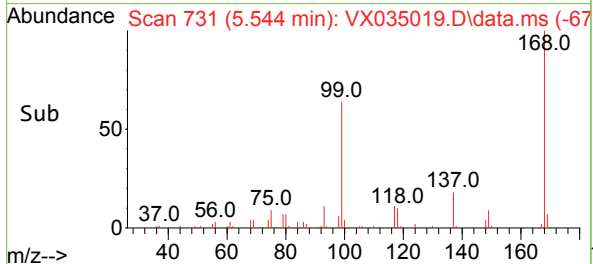
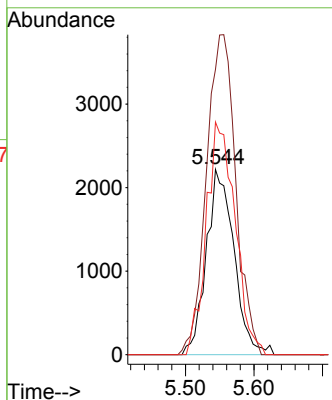


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

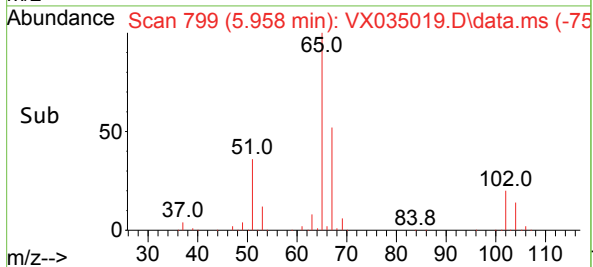
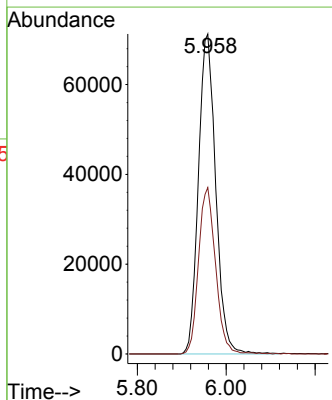
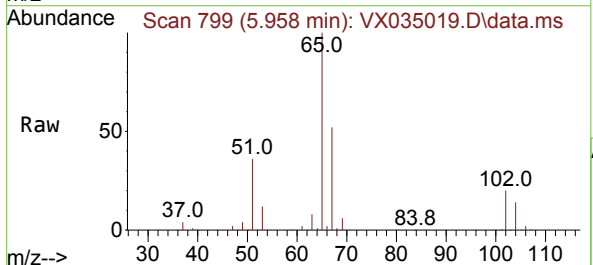


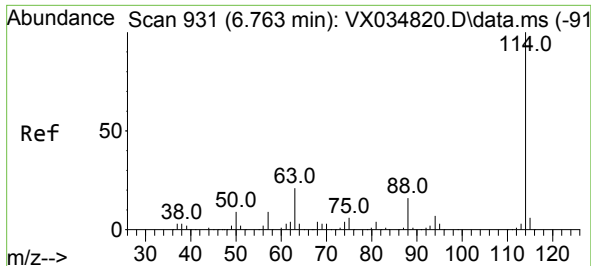
Tgt Ion: 56 Resp: 6211
Ion Ratio Lower Upper
56 100
69 153.9 23.7 35.5#
84 125.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.284 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

Tgt Ion: 65 Resp: 192838
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

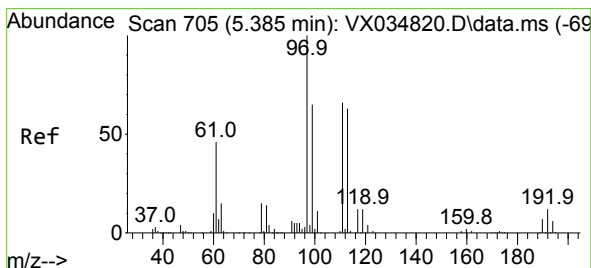
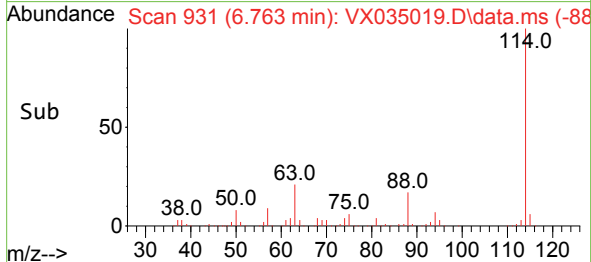
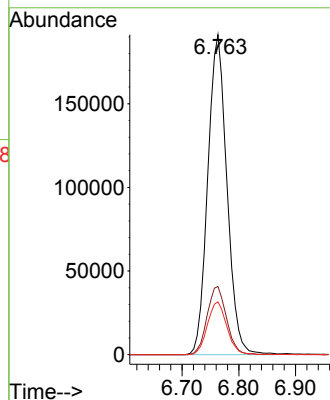
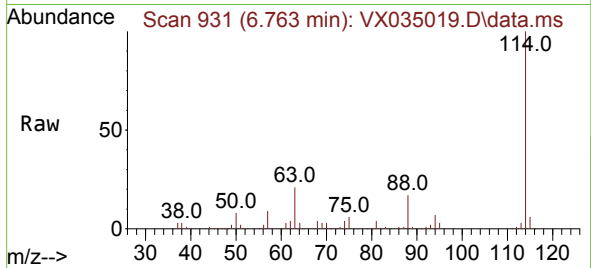




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

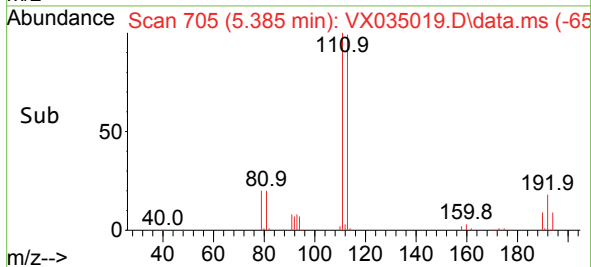
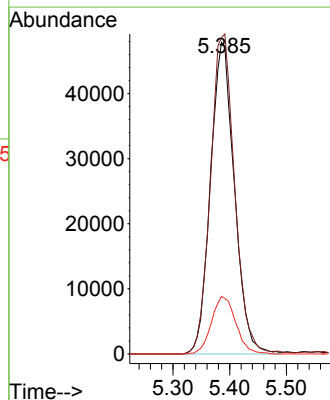
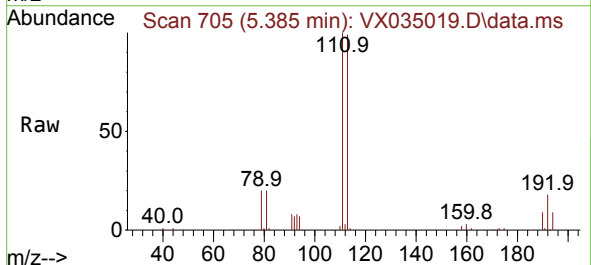
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

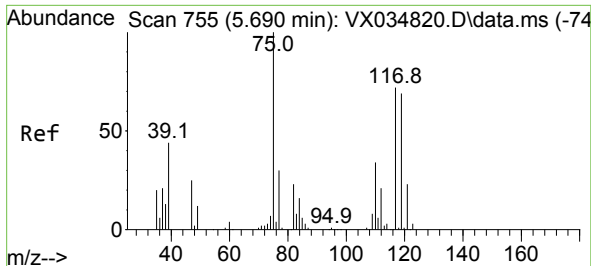
Tgt Ion:114 Resp: 449136
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.309 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

Tgt Ion:113 Resp: 140540
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.7 15.4 23.2

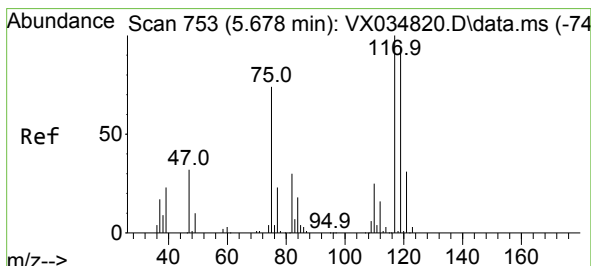
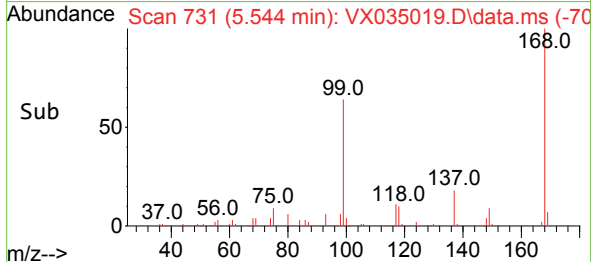
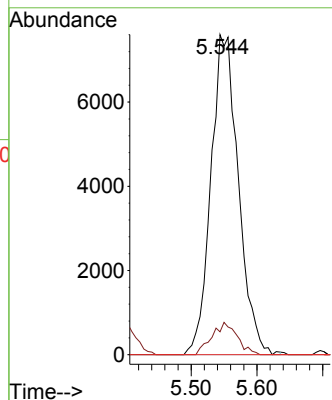
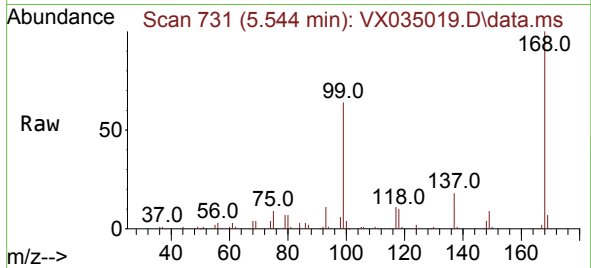




#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

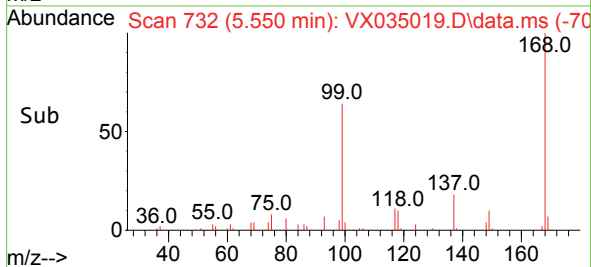
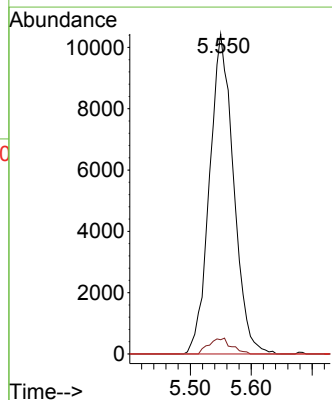
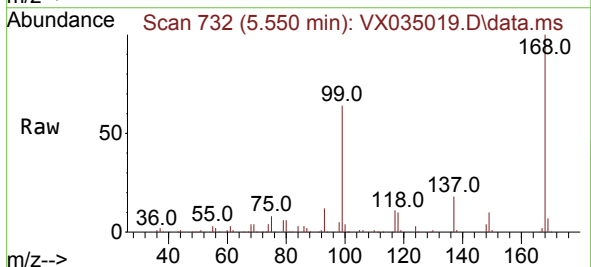
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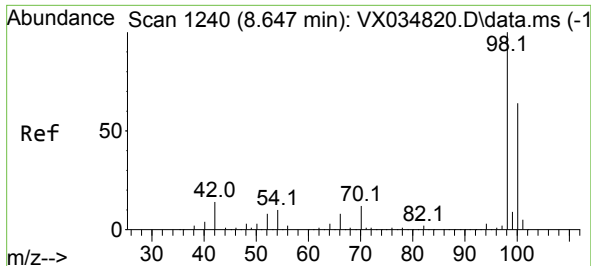
Tgt Ion: 75 Resp: 22090
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.903 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

Tgt Ion: 117 Resp: 28645
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#

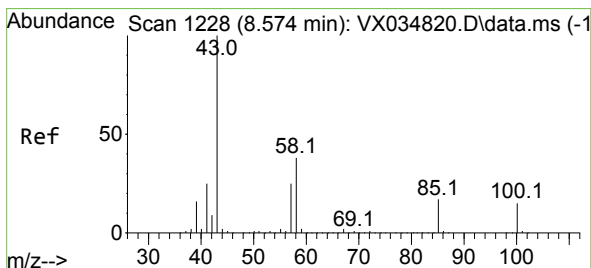
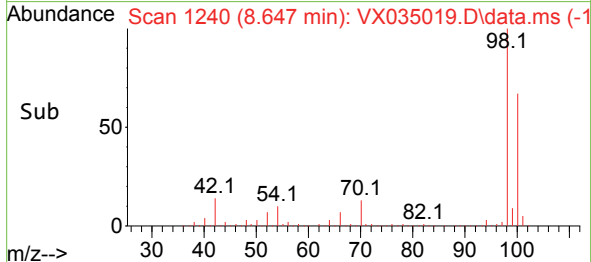
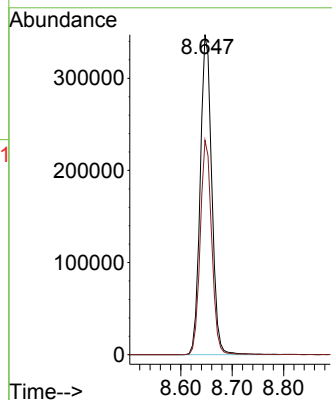
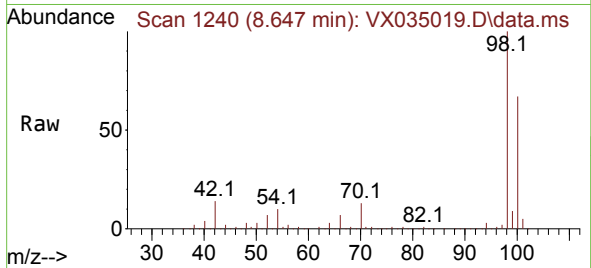




#50
Toluene-d8
Concen: 49.323 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

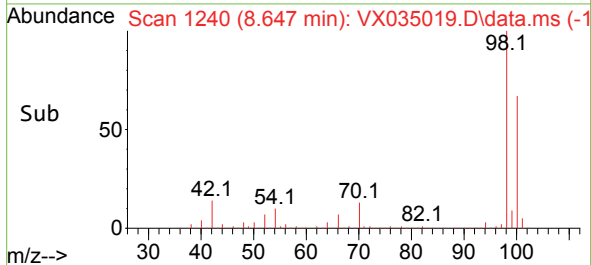
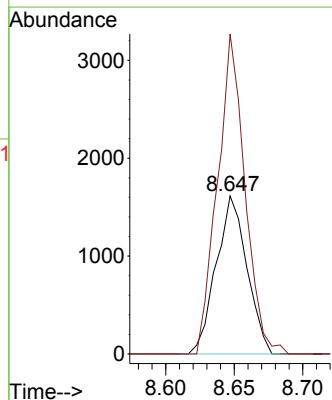
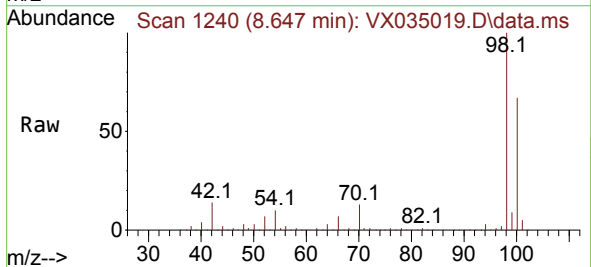
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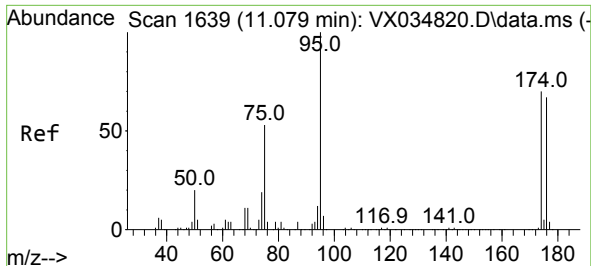
Tgt Ion: 98 Resp: 540826
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

Tgt Ion: 43 Resp: 2523
Ion Ratio Lower Upper
43 100
58 180.9 30.6 46.0#

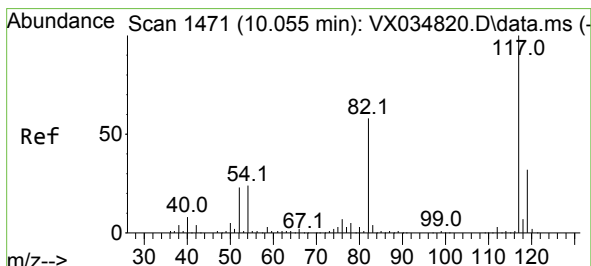
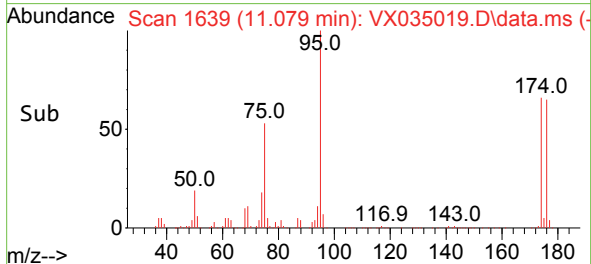
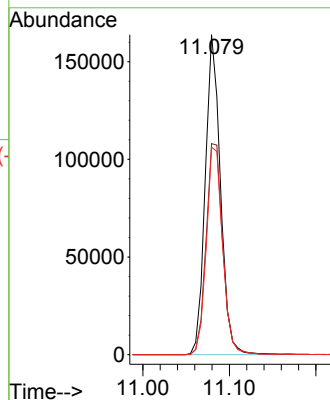
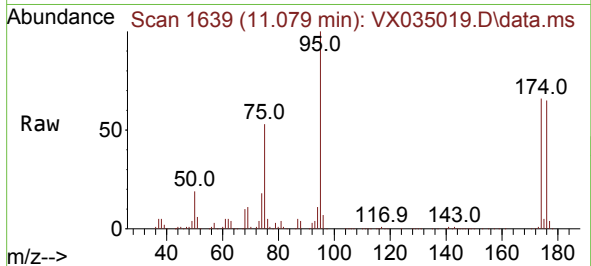




#62
4-Bromofluorobenzene
Concen: 47.121 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

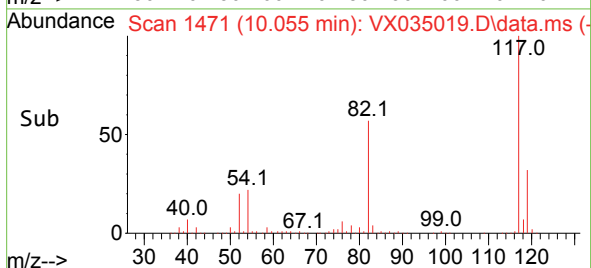
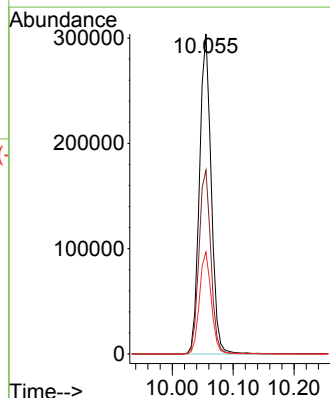
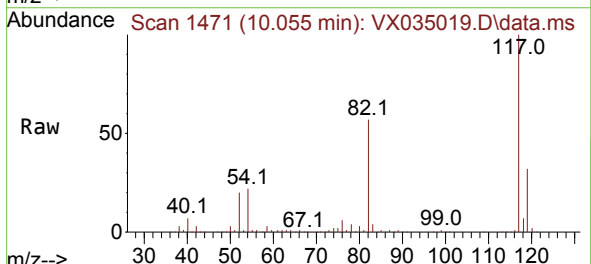
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

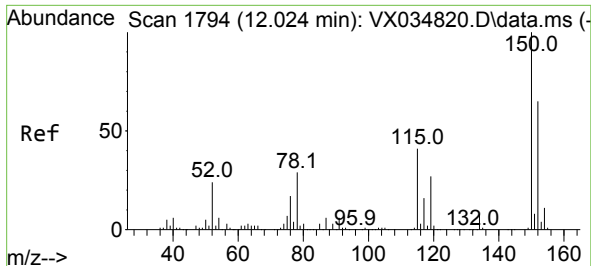
Tgt Ion: 95 Resp: 199941
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 69.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

Tgt Ion: 117 Resp: 405312
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 31.9 26.0 39.0

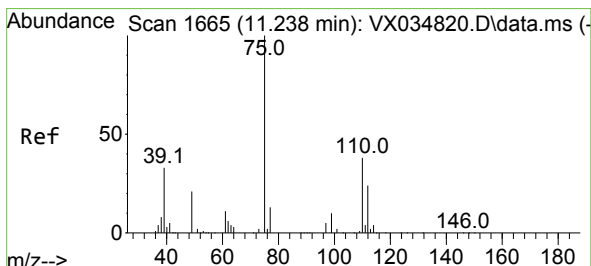
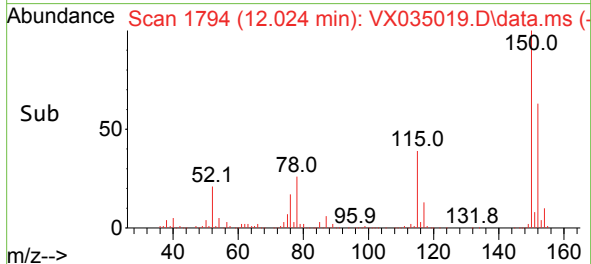
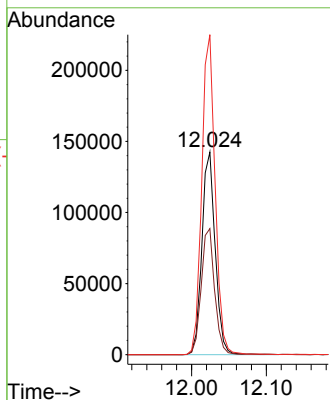
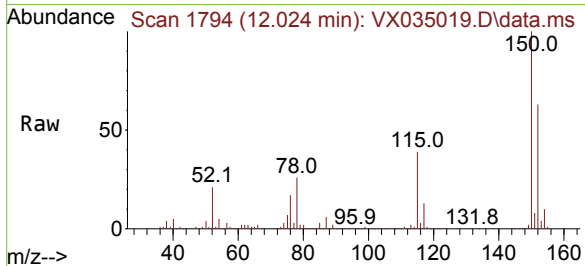




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

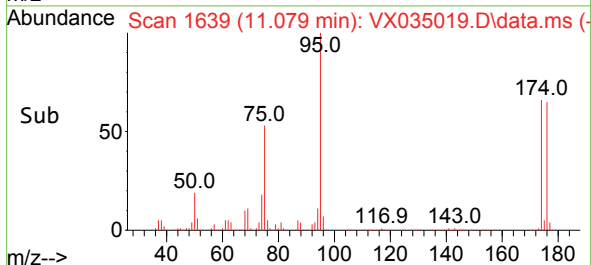
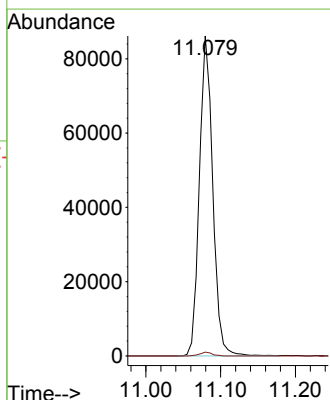
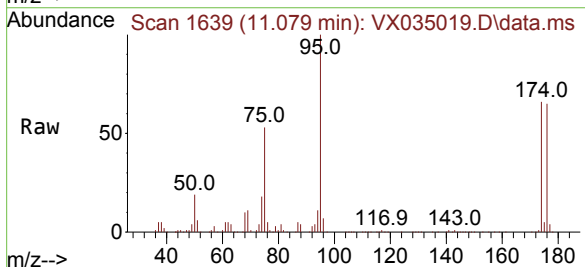
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

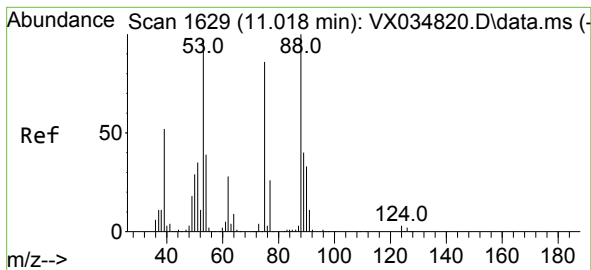
Tgt Ion:152 Resp: 176532
Ion Ratio Lower Upper
152 100
115 62.9 45.0 135.0
150 158.3 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 30.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035019.D
Acq: 11 Apr 2023 19:03

Tgt Ion: 75 Resp: 106953
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.113 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035019.D
 Acq: 11 Apr 2023 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 106953
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

