

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034908.D
 Acq On : 01 Apr 2023 07:19
 Operator : JC/MD
 Sample : 02159-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-1

Quant Time: Apr 03 02:11:08 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	260544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	448836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203602	51.097	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.200%
35) Dibromofluoromethane	5.385	113	142561	48.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	8.647	98	545941	49.823	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.079	95	207072	48.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.660%

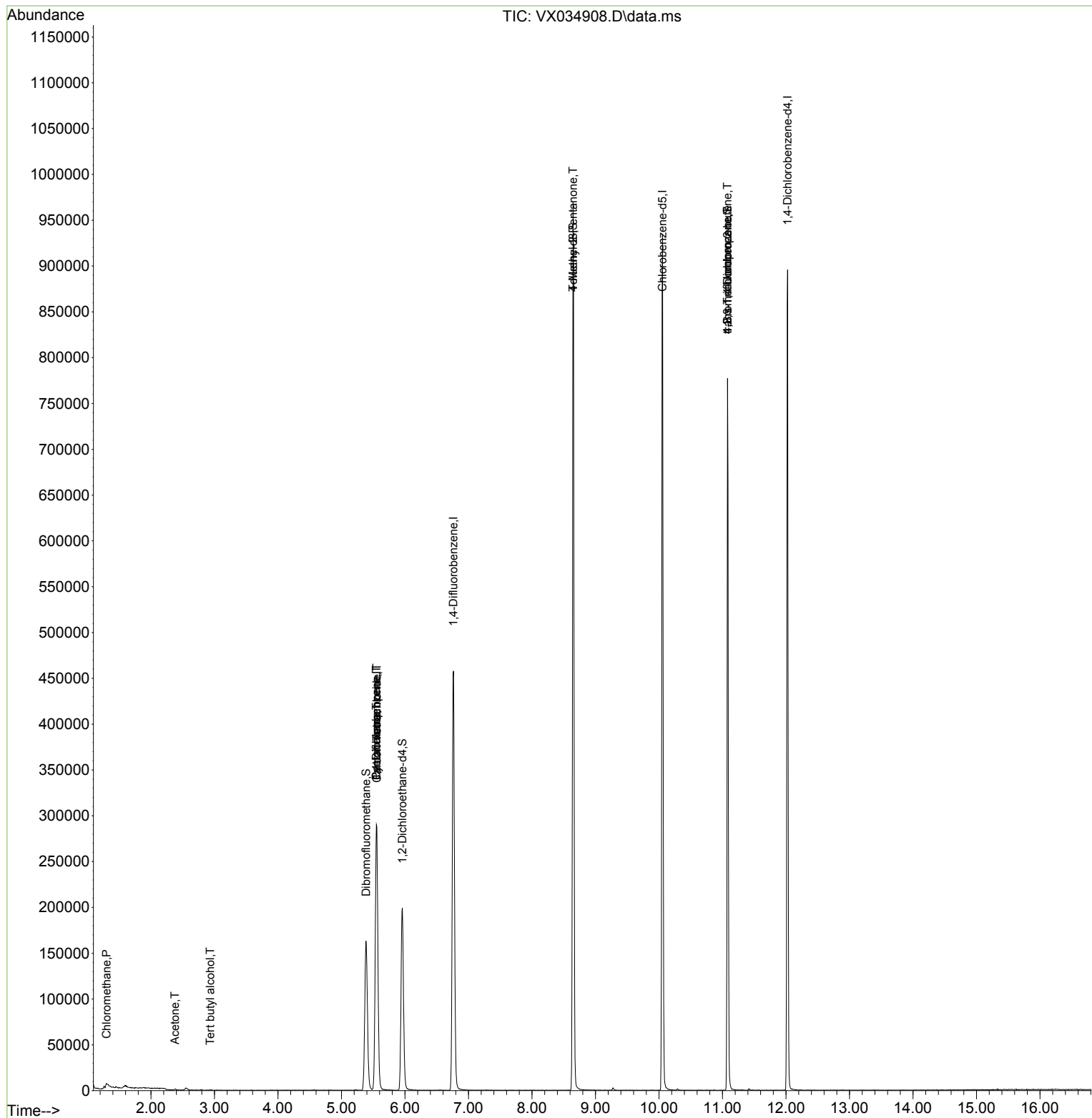
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	703	0.216	ug/l #	42
11) Tert butyl alcohol	2.934	59	270	0.386	ug/l #	73
16) Acetone	2.380	43	1405	0.868	ug/l	96
31) Cyclohexane	5.550	56	6480	1.336	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22855	5.196	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28393	6.847	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2902	0.637	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	111554	31.074	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	111554	93.125	ug/l #	8

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

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Instrument :
MSVOA_X
ClientSampleId :
MP-1

Quant Time: Apr 03 02:11:08 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

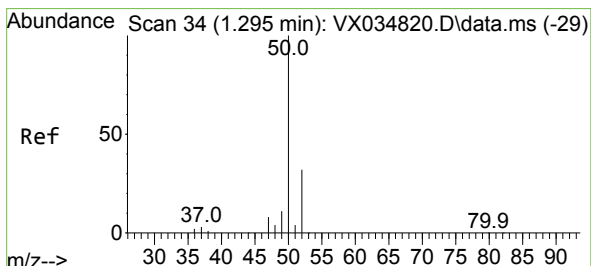
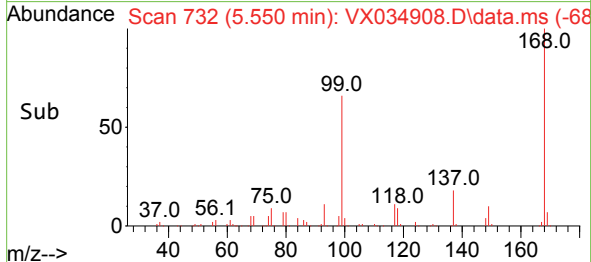
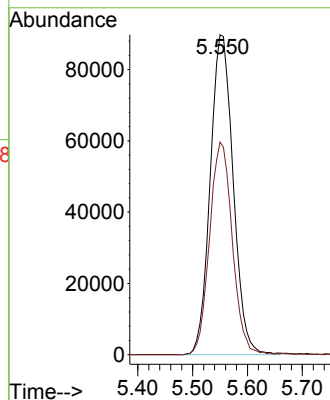
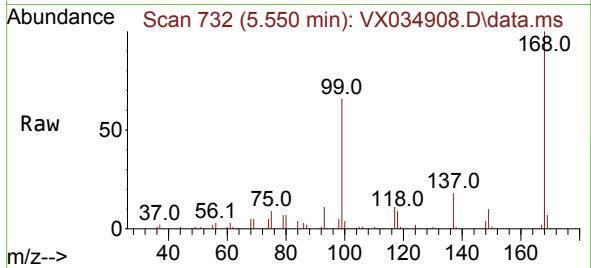




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

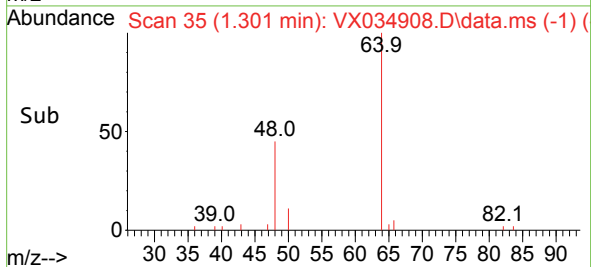
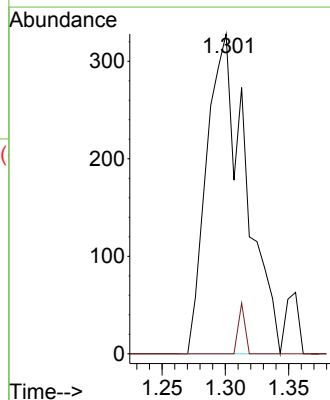
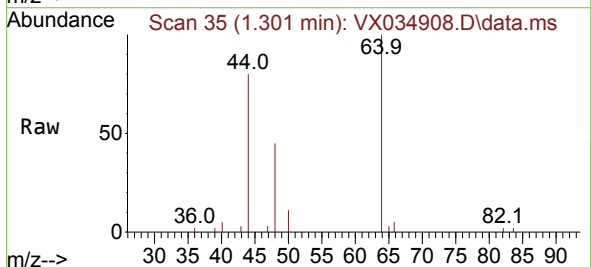
Instrument :
MSVOA_X
ClientSampleId :
MP-1

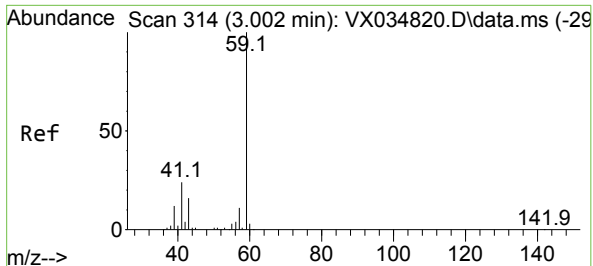
Tgt Ion:168 Resp: 260544
Ion Ratio Lower Upper
168 100
99 66.4 45.7 68.5



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

Tgt Ion: 50 Resp: 703
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.386 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.067 min

Lab File: VX034908.D

Acq: 01 Apr 2023 07:19

Instrument :

MSVOA_X

ClientSampleId :

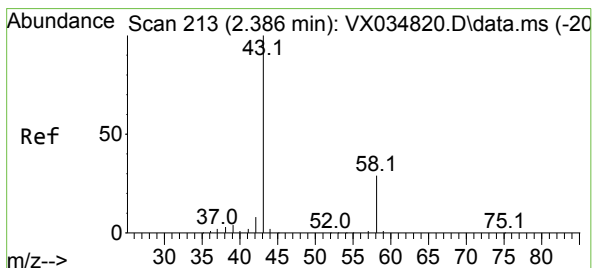
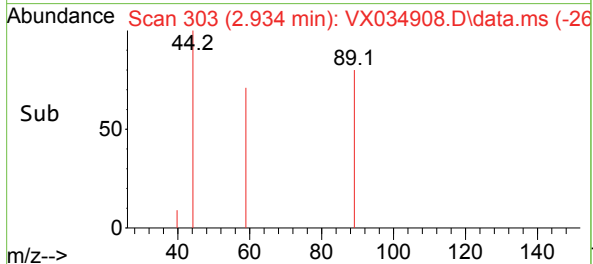
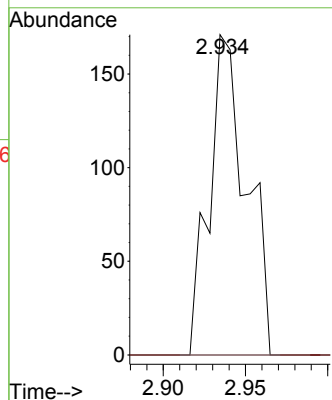
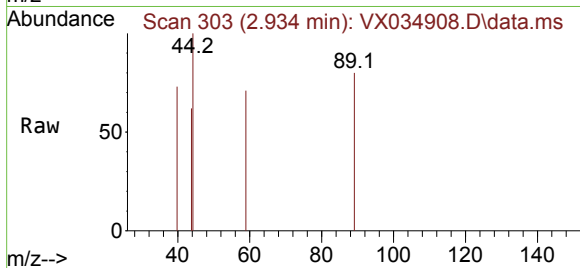
MP-1

Tgt Ion: 59 Resp: 270

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.868 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX034908.D

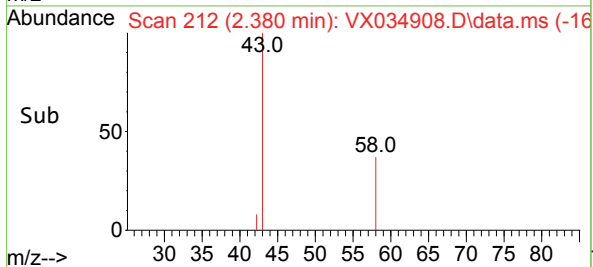
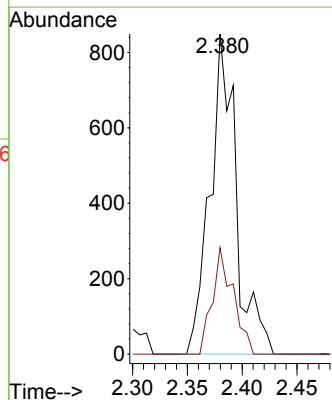
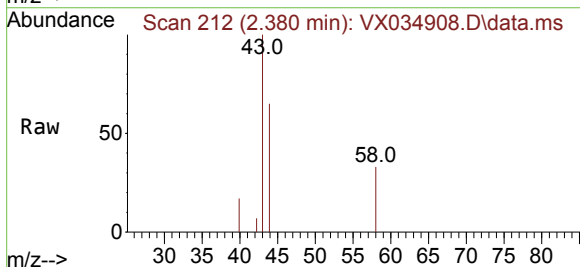
Acq: 01 Apr 2023 07:19

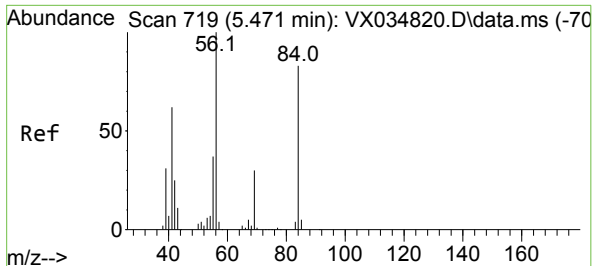
Tgt Ion: 43 Resp: 1405

Ion Ratio Lower Upper

43 100

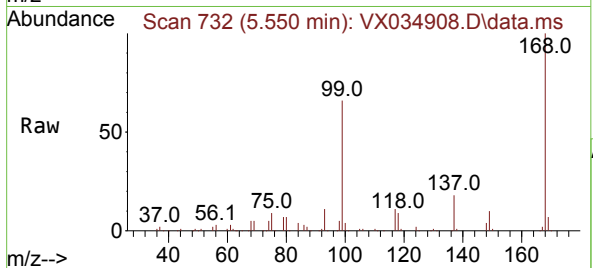
58 33.2 24.7 37.1



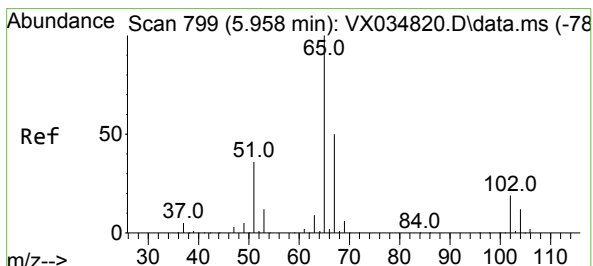
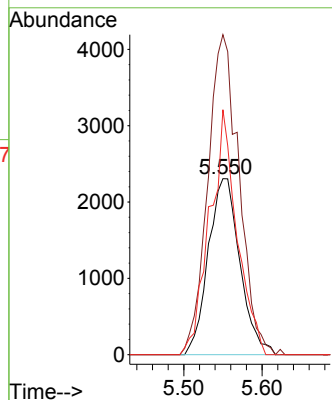
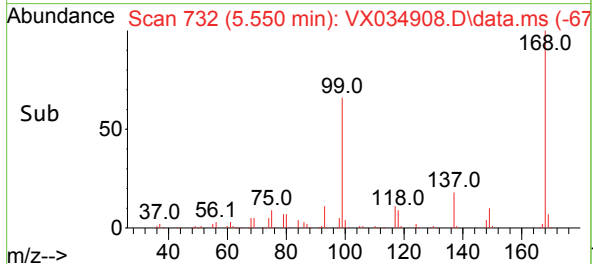


#31
Cyclohexane
Concen: 1.336 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

Instrument :
MSVOA_X
ClientSampleId :
MP-1

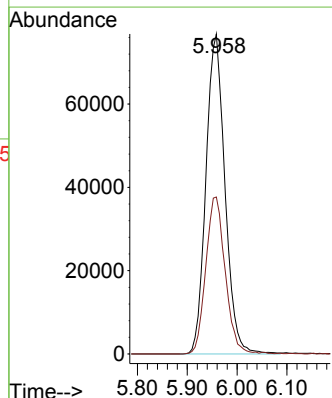
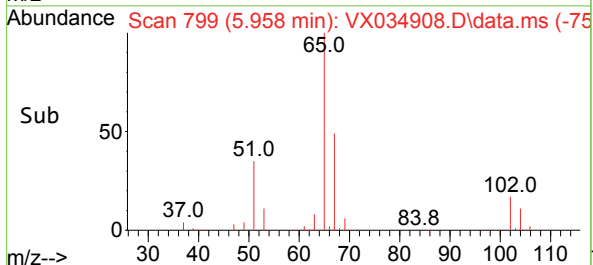
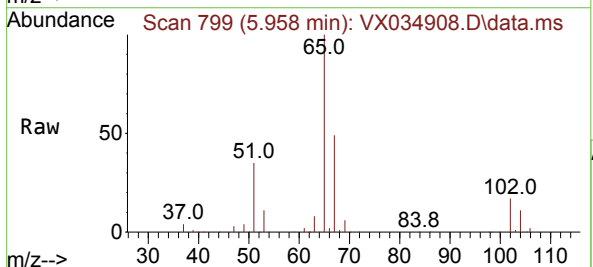


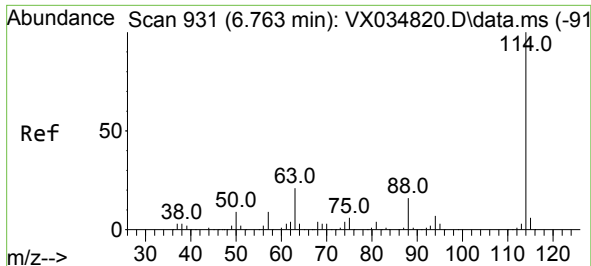
Tgt Ion: 56 Resp: 6480
Ion Ratio Lower Upper
56 100
69 181.8 23.7 35.5#
84 139.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 51.097 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

Tgt Ion: 65 Resp: 203602
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0

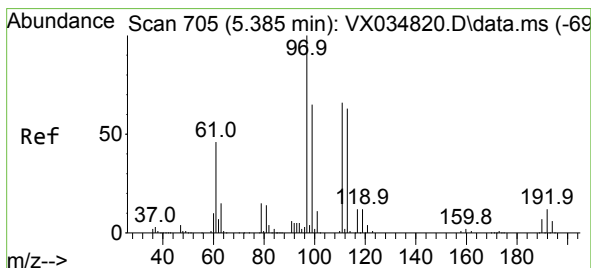
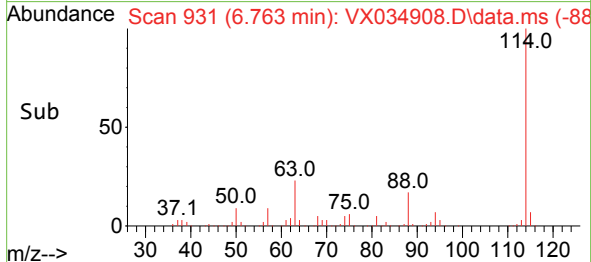
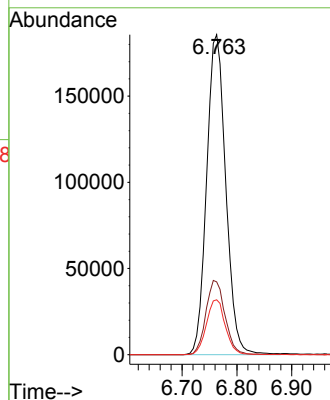
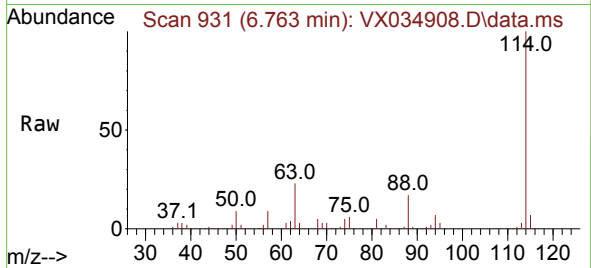




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

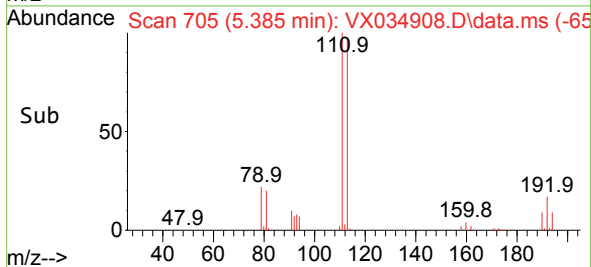
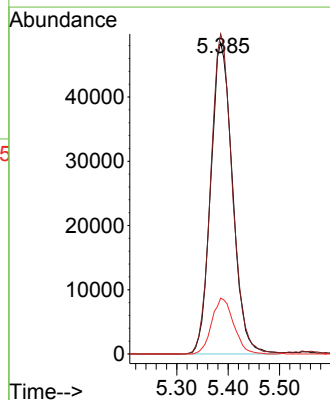
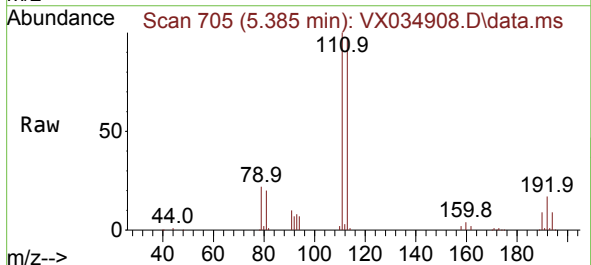
Instrument :
MSVOA_X
ClientSampleId :
MP-1

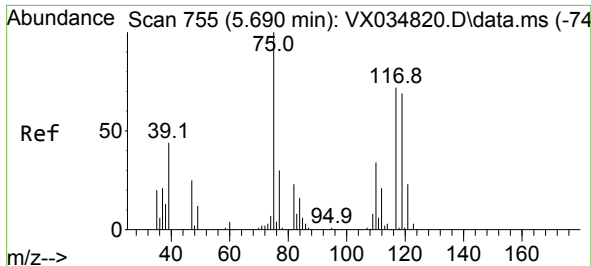
Tgt Ion:114 Resp: 448836
Ion Ratio Lower Upper
114 100
63 22.8 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.021 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

Tgt Ion:113 Resp: 142561
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 18.0 15.4 23.2

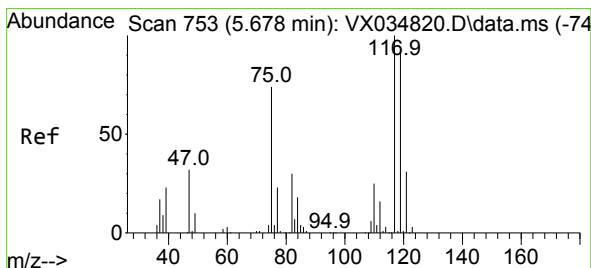
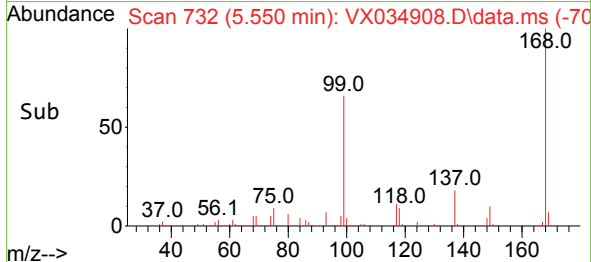
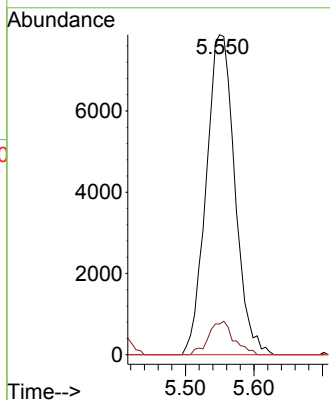
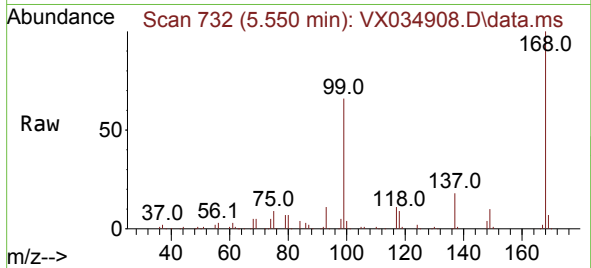




#36
1,1-Dichloropropene
Concen: 5.196 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

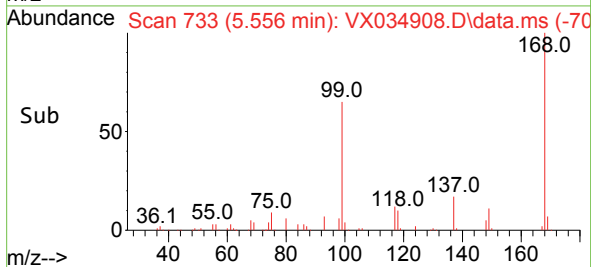
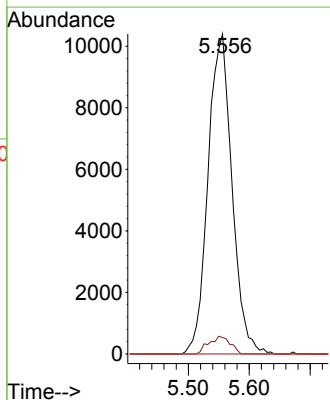
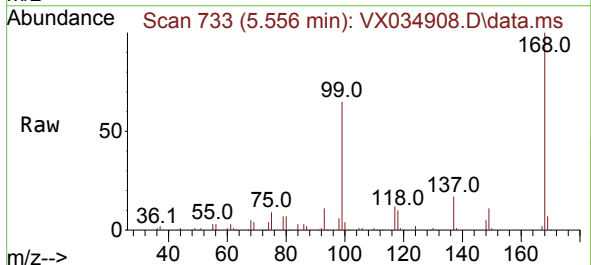
Instrument :
MSVOA_X
ClientSampleId :
MP-1

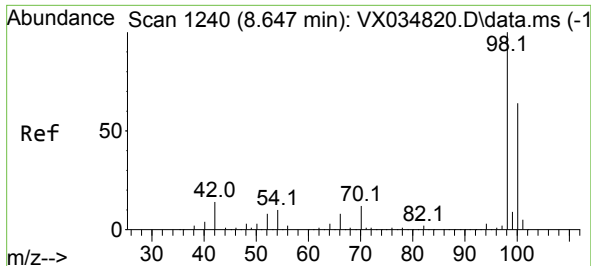
Tgt Ion: 75 Resp: 22855
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.847 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

Tgt Ion: 117 Resp: 28393
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 23.8 35.6#

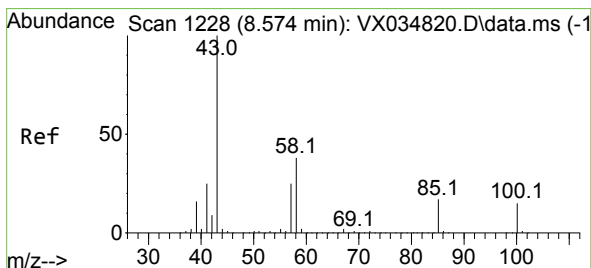
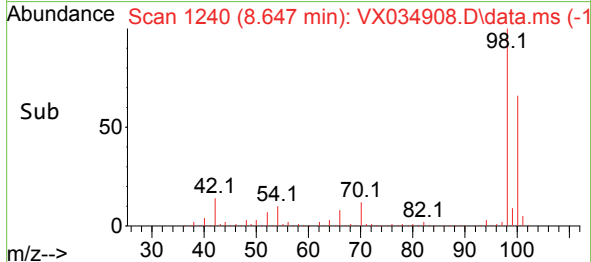
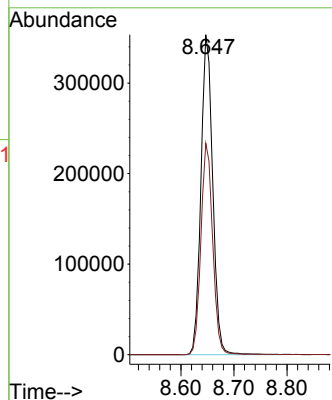
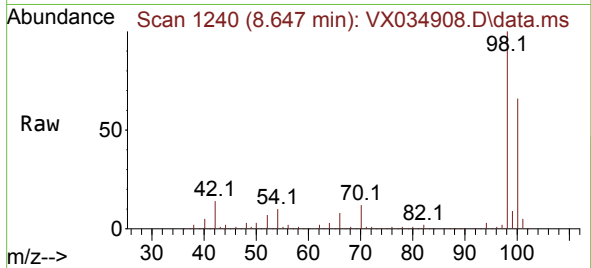




#50
Toluene-d8
Concen: 49.823 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

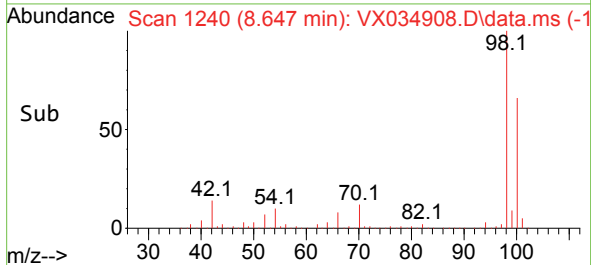
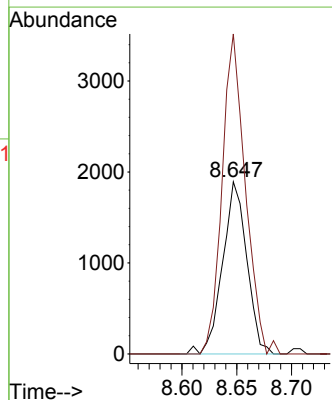
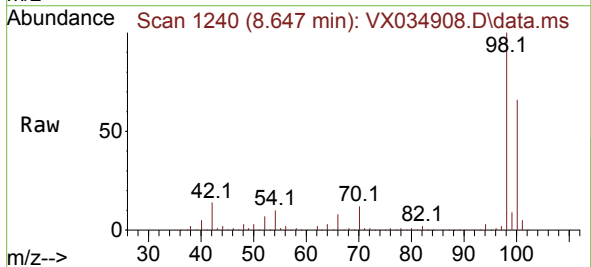
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MSVOA_X
ClientSampleId :
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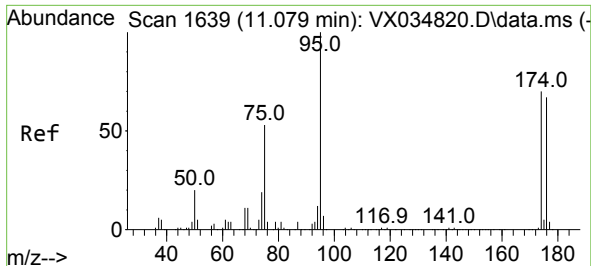
Tgt Ion: 98 Resp: 545941
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

Tgt Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
58 179.0 30.6 46.0#

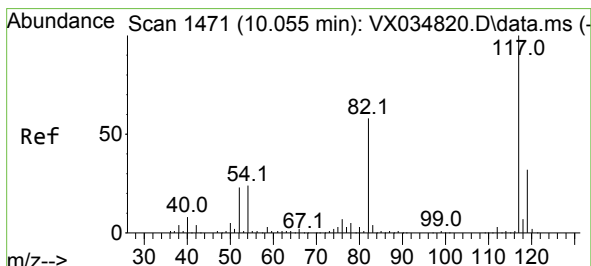
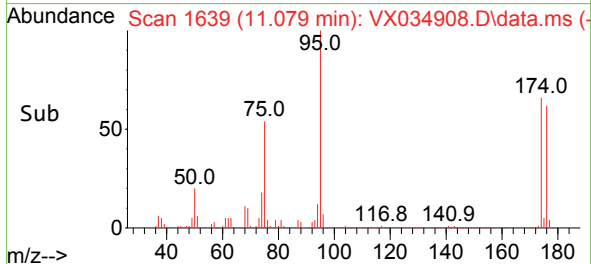
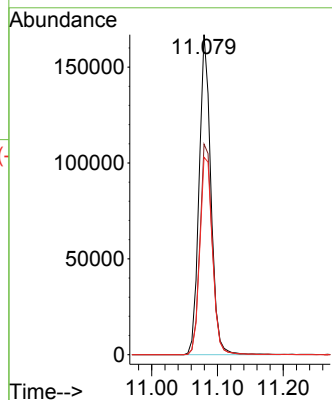
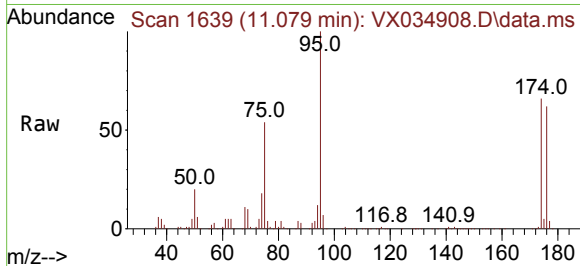




#62
4-Bromofluorobenzene
Concen: 48.834 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

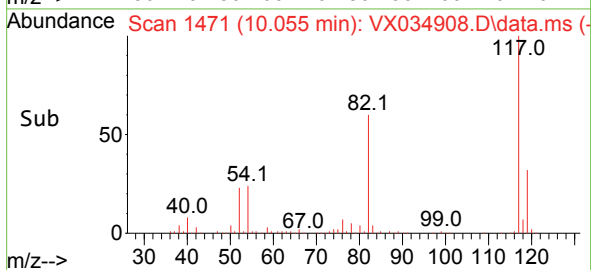
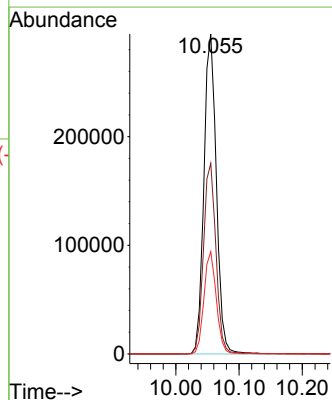
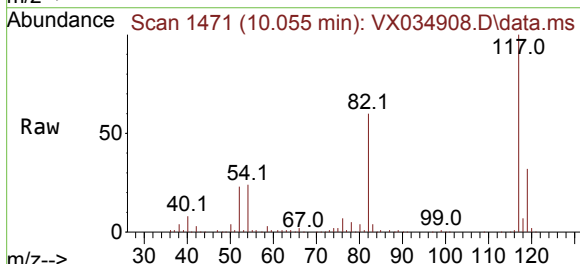
Instrument :
MSVOA_X
ClientSampleId :
MP-1

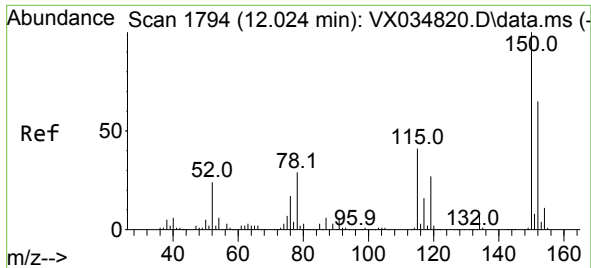
Tgt Ion: 95 Resp: 207072
Ion Ratio Lower Upper
95 100
174 69.8 0.0 147.4
176 66.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034908.D
Acq: 01 Apr 2023 07:19

Tgt Ion: 117 Resp: 405013
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.4
119 31.9 26.0 39.0

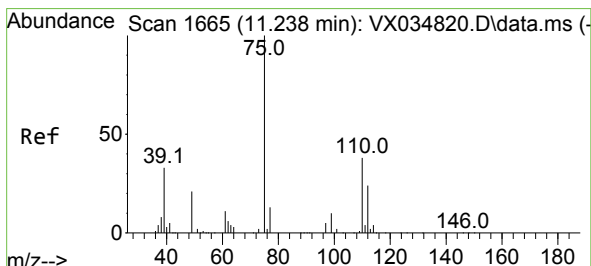
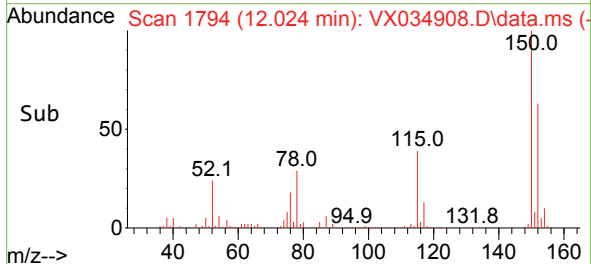
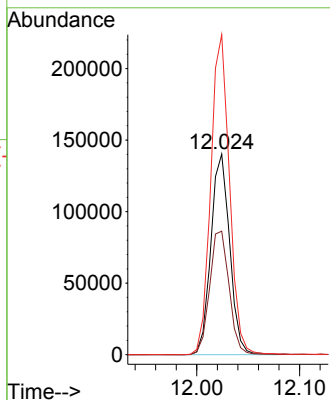
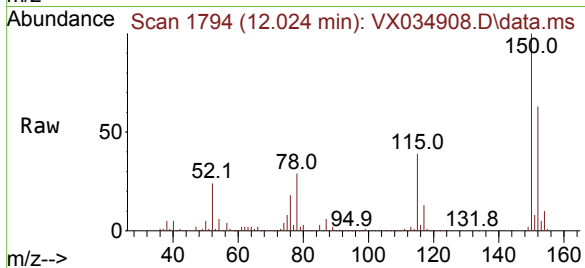




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034908.D
 Acq: 01 Apr 2023 07:19

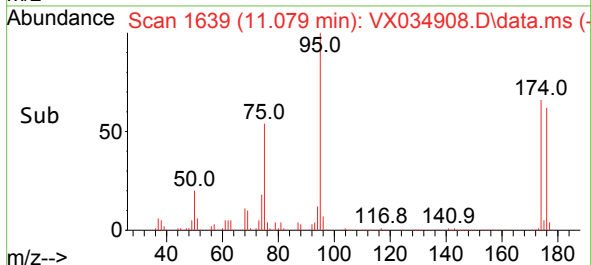
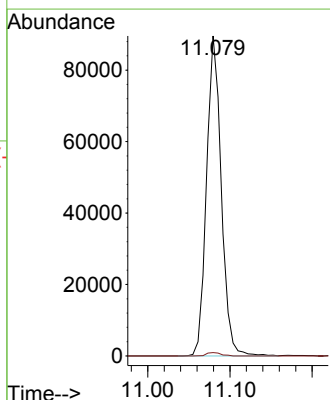
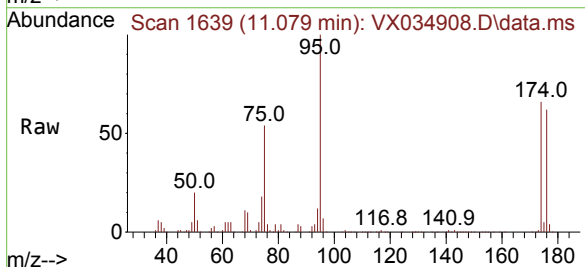
Instrument :
 MSVOA_X
 ClientSampleId :
 MP-1

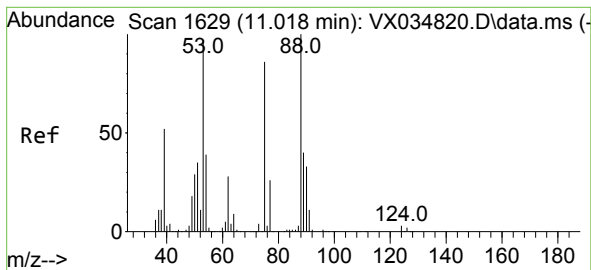
Tgt Ion:152 Resp: 178170
 Ion Ratio Lower Upper
 152 100
 115 63.8 45.0 135.0
 150 158.9 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 31.074 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034908.D
 Acq: 01 Apr 2023 07:19

Tgt Ion: 75 Resp: 111554
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.125 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034908.D
 Acq: 01 Apr 2023 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-1

Tgt Ion: 75 Resp: 111554
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

