

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034904.D
 Acq On : 01 Apr 2023 05:46
 Operator : JC/MD
 Sample : 02137-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2D

Quant Time: Apr 03 03:21:26 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	5.556	168	289657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	497976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224613	50.704	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.400%
35) Dibromofluoromethane	5.385	113	158338	48.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	597757	49.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	224749	47.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.540%

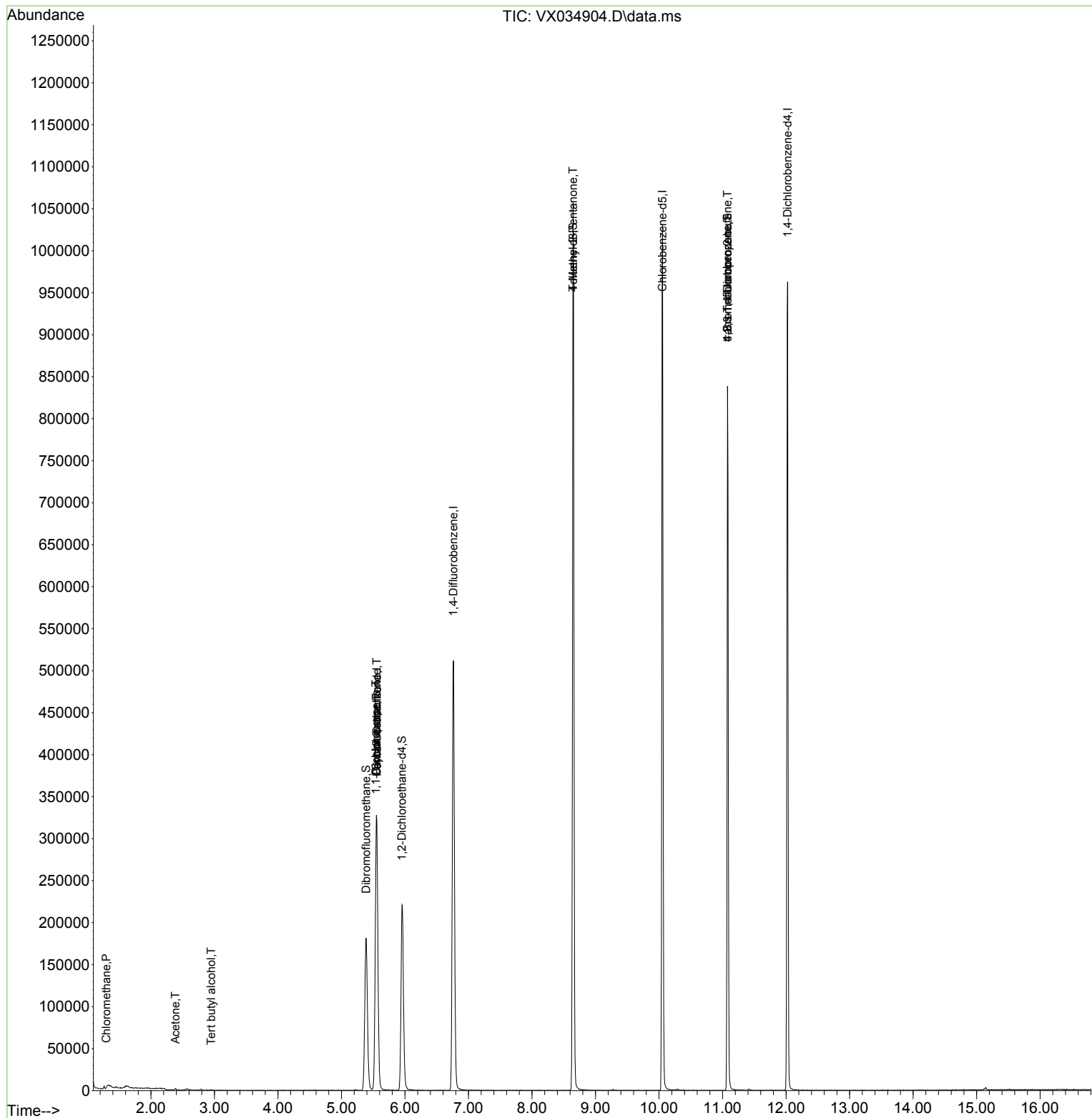
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	762	0.211	ug/l #	77
11) Tert butyl alcohol	2.947	59	489	0.629	ug/l #	73
16) Acetone	2.386	43	1884	1.047	ug/l	94
31) Cyclohexane	5.550	56	7315	1.356	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	25950	5.318	ug/l #	47
38) Carbon Tetrachloride	5.556	117	32201	6.999	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	3052	0.604	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	120939	31.294	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	120939	93.787	ug/l #	8

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

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MSVOA_X
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SY-2D

Quant Time: Apr 03 03:21:26 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

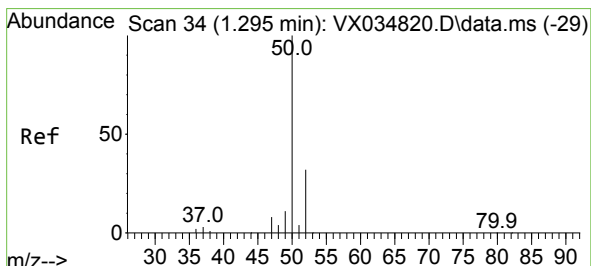
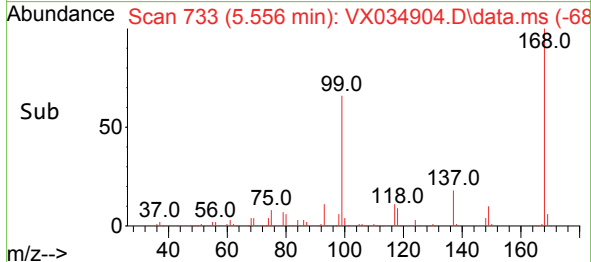
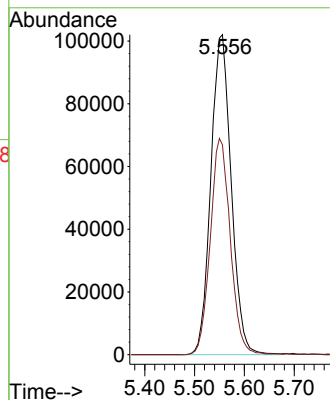
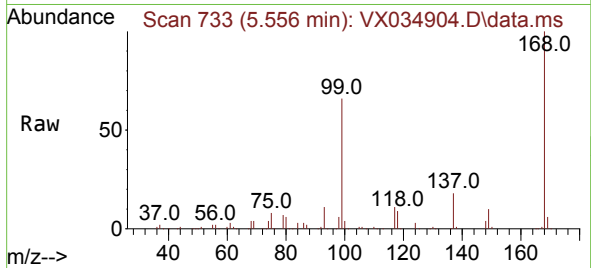




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

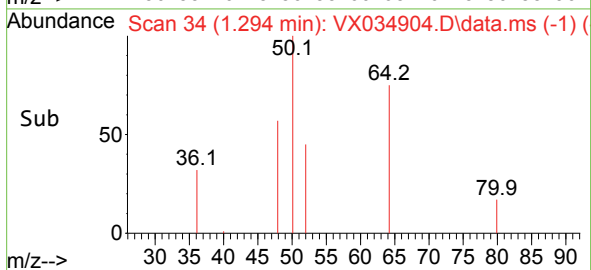
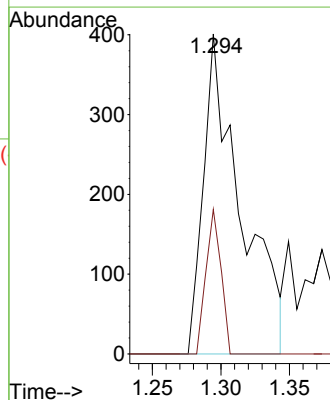
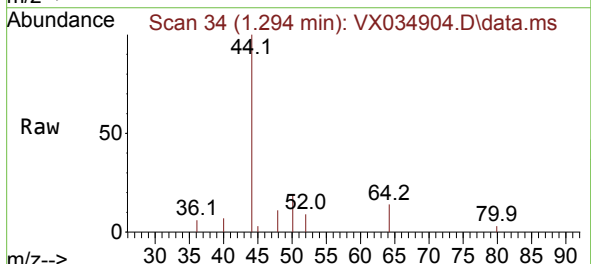
Instrument :
MSVOA_X
ClientSampleId :
SY-2D

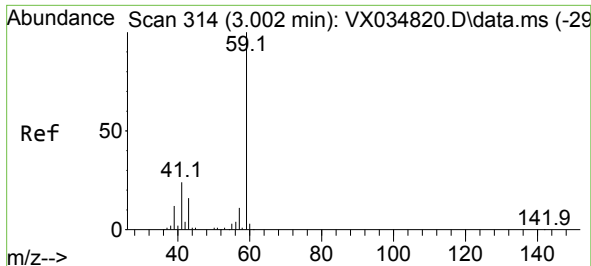
Tgt Ion:168 Resp: 289657
Ion Ratio Lower Upper
168 100
99 65.6 45.7 68.5



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

Tgt Ion: 50 Resp: 762
Ion Ratio Lower Upper
50 100
52 45.1 25.9 38.9

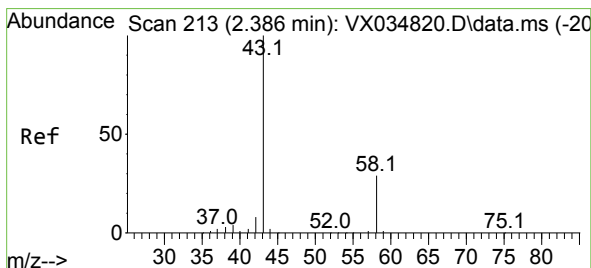
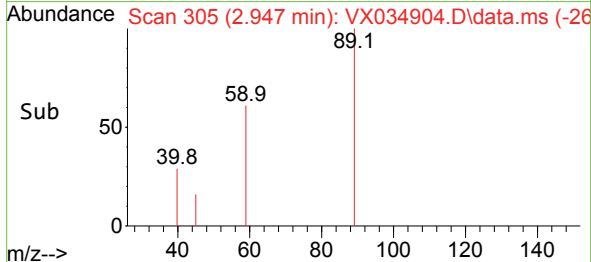
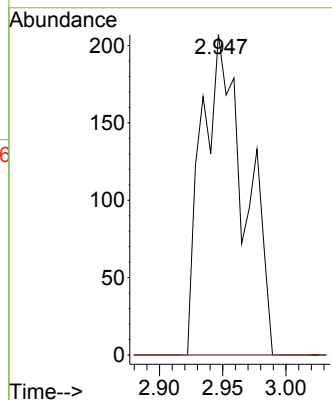
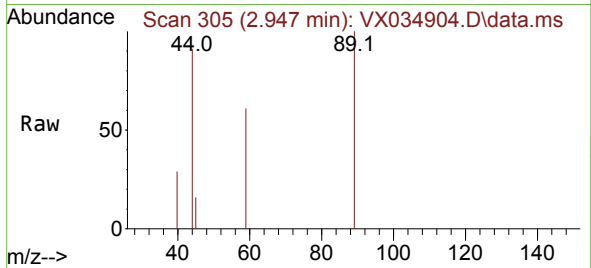




#11
Tert butyl alcohol
Concen: 0.629 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

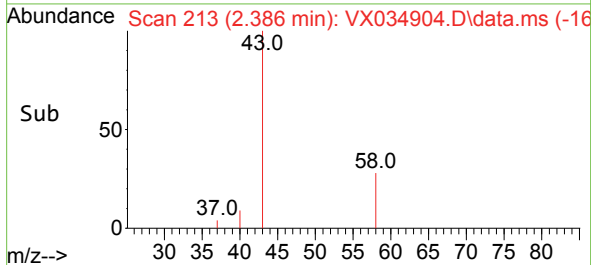
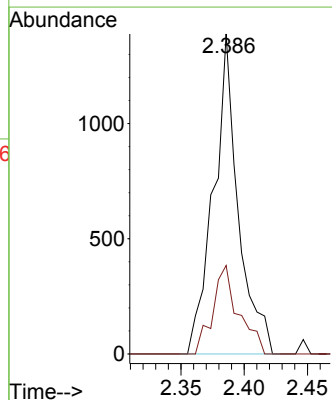
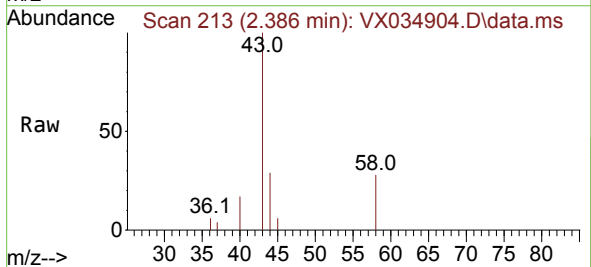
Instrument :
MSVOA_X
ClientSampleId :
SY-2D

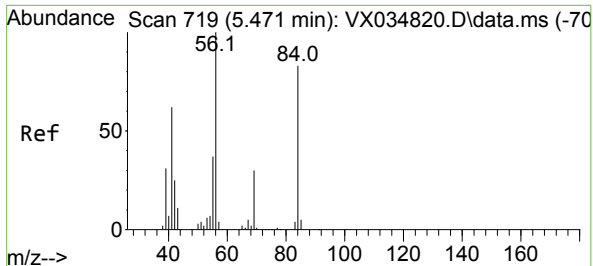
Tgt Ion: 59 Resp: 489
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 1.047 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

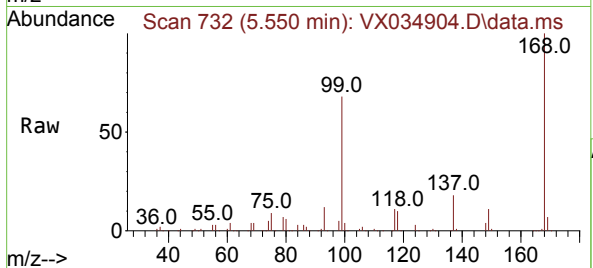
Tgt Ion: 43 Resp: 1884
Ion Ratio Lower Upper
43 100
58 27.6 24.7 37.1



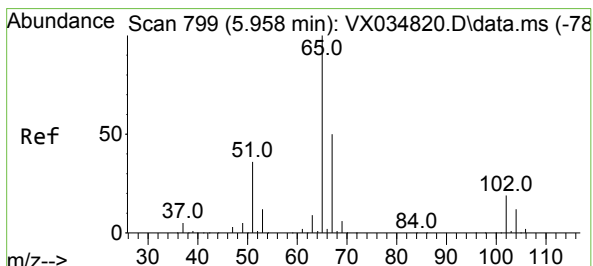
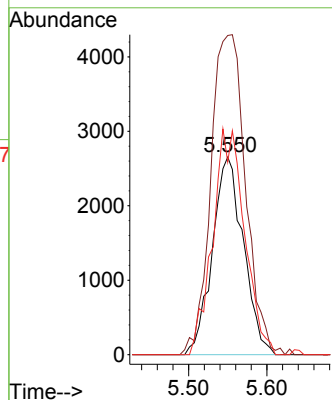
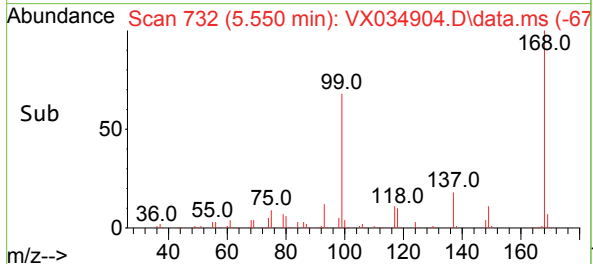


#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

Instrument :
MSVOA_X
ClientSampleId :
SY-2D

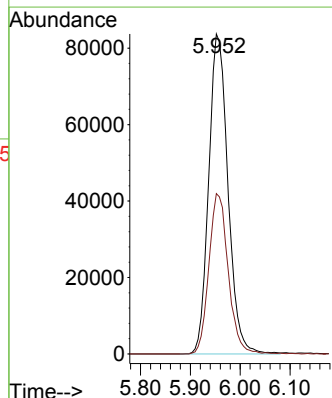
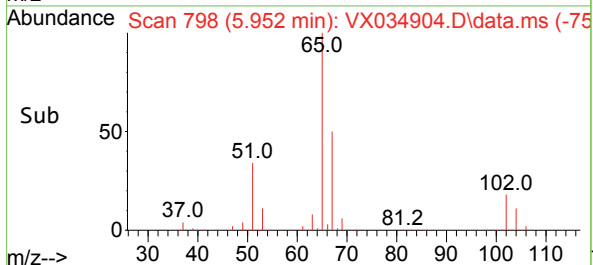
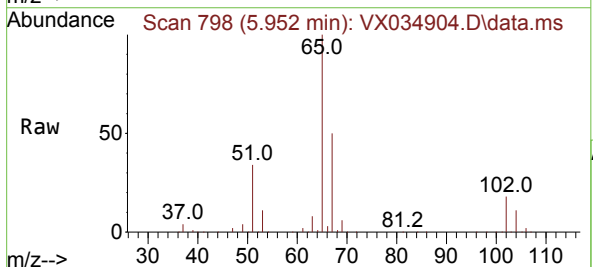


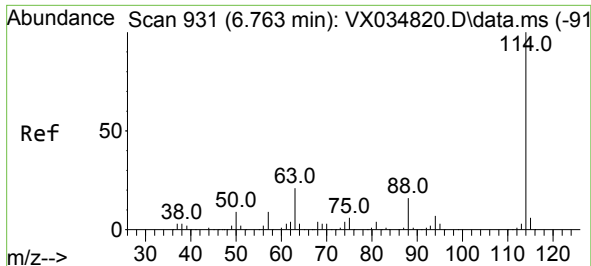
Tgt Ion: 56 Resp: 7315
Ion Ratio Lower Upper
56 100
69 161.6 23.7 35.5#
84 97.5 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 50.704 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

Tgt Ion: 65 Resp: 224613
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0

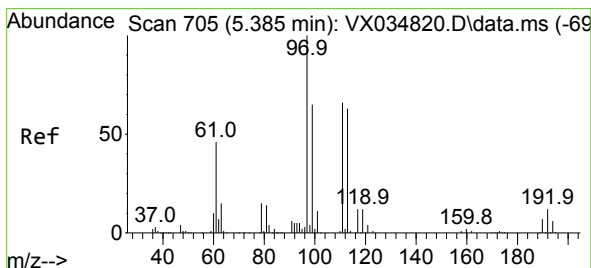
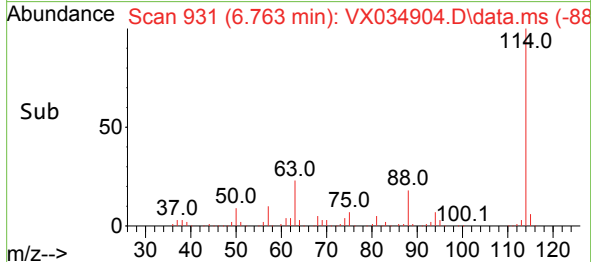
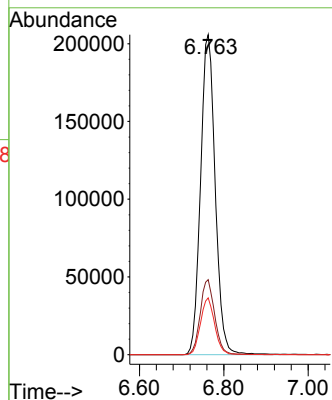
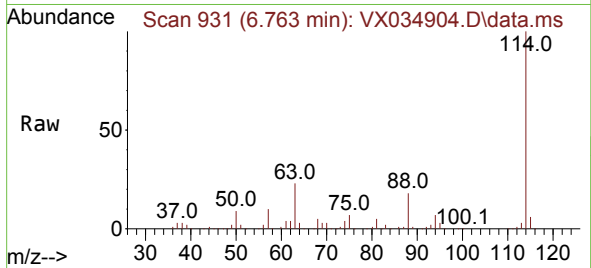




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

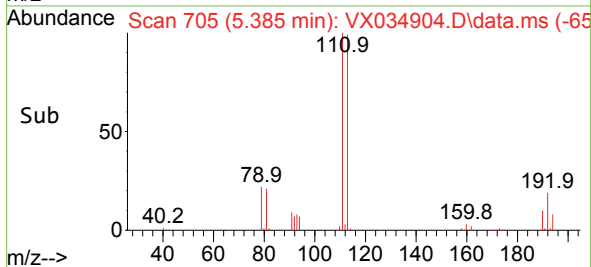
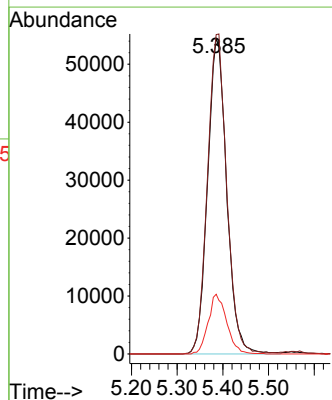
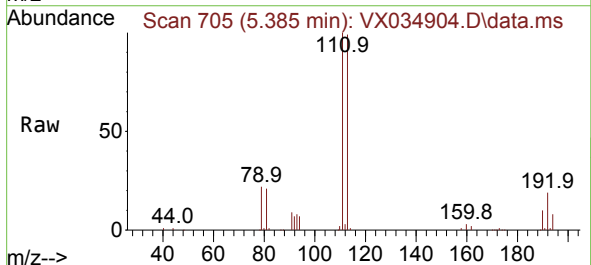
Instrument :
MSVOA_X
ClientSampleId :
SY-2D

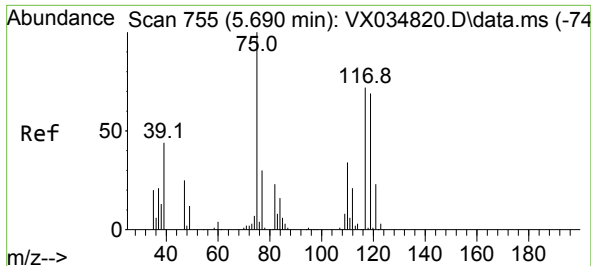
Tgt Ion:114 Resp: 497976
Ion Ratio Lower Upper
114 100
63 23.4 0.0 42.2
88 17.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.073 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

Tgt Ion:113 Resp: 158338
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 18.3 15.4 23.2

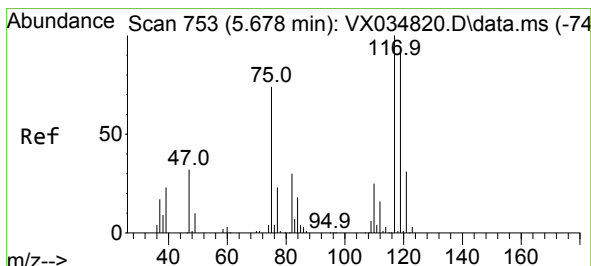
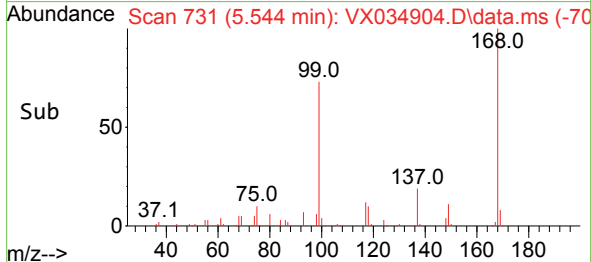
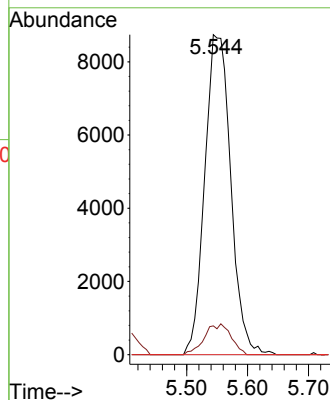
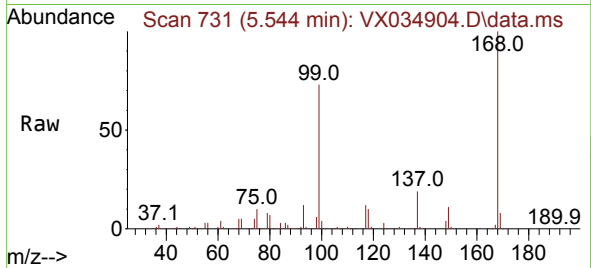




#36
1,1-Dichloropropene
Concen: 5.318 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

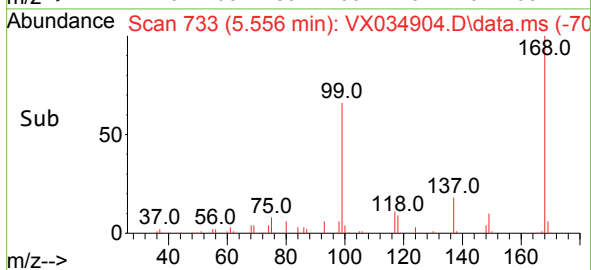
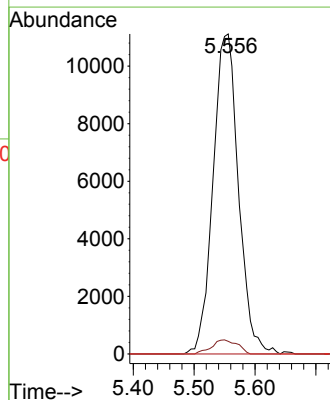
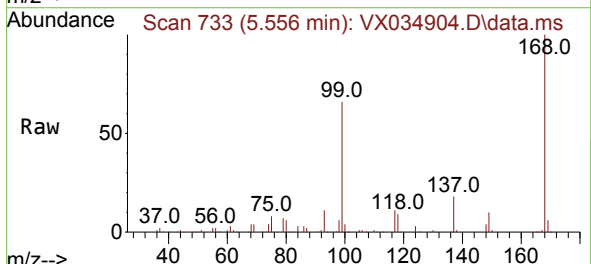
Instrument :
MSVOA_X
ClientSampleId :
SY-2D

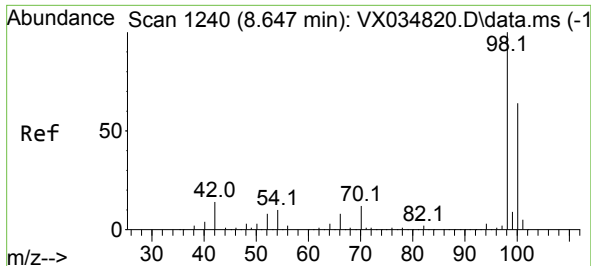
Tgt Ion: 75 Resp: 25950
Ion Ratio Lower Upper
75 100
110 5.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.999 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

Tgt Ion: 117 Resp: 32201
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#

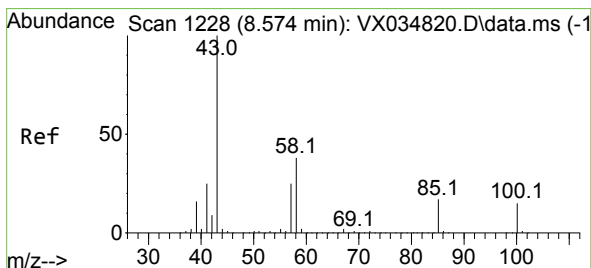
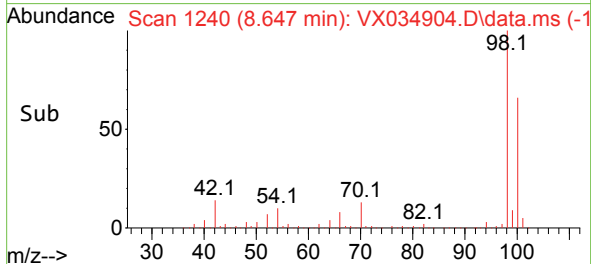
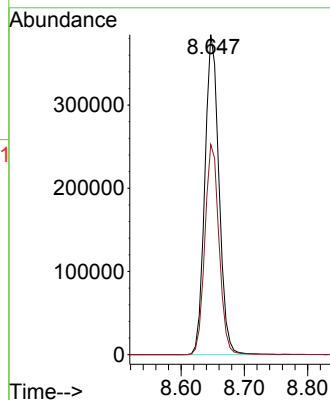
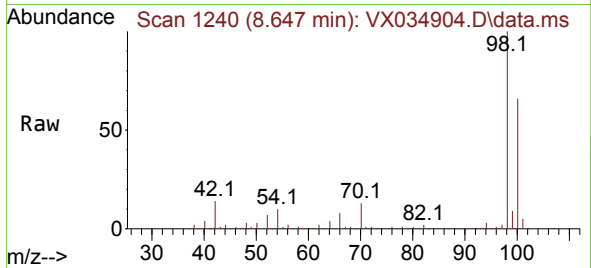




#50
Toluene-d8
Concen: 49.169 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

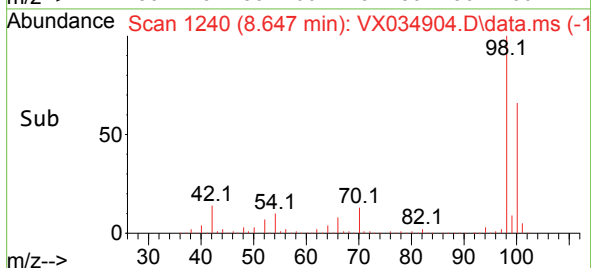
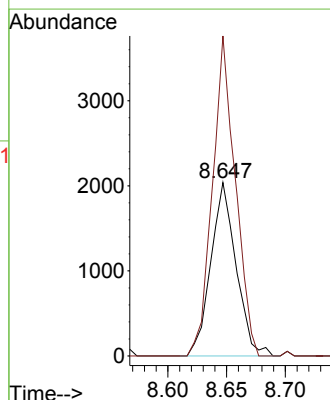
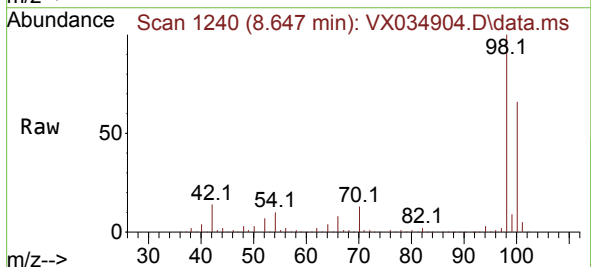
Instrument :
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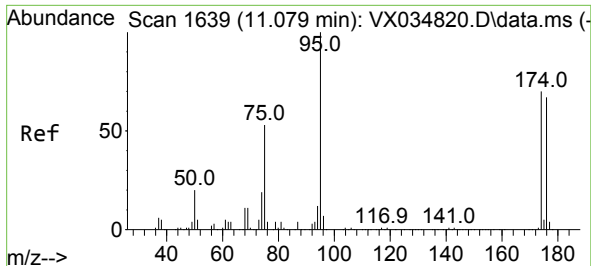
Tgt Ion: 98 Resp: 597757
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

Tgt Ion: 43 Resp: 3052
Ion Ratio Lower Upper
43 100
58 167.5 30.6 46.0#

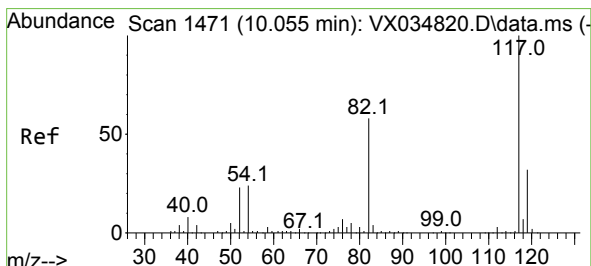
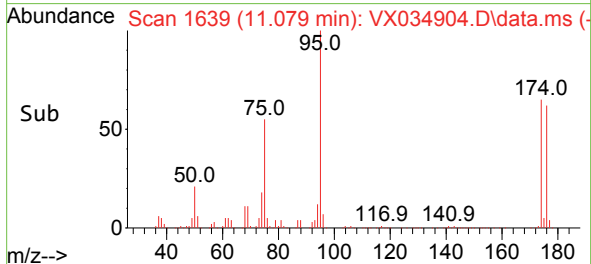
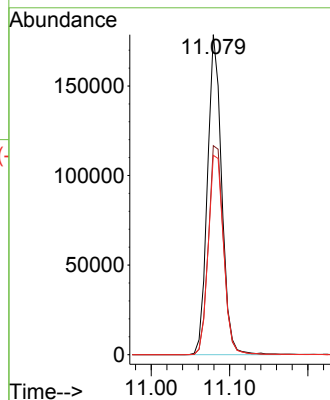
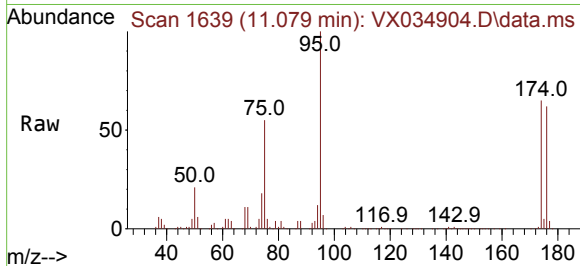




#62
4-Bromofluorobenzene
Concen: 47.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

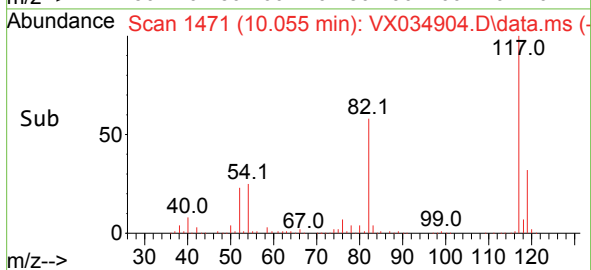
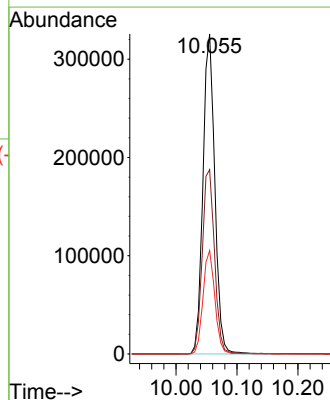
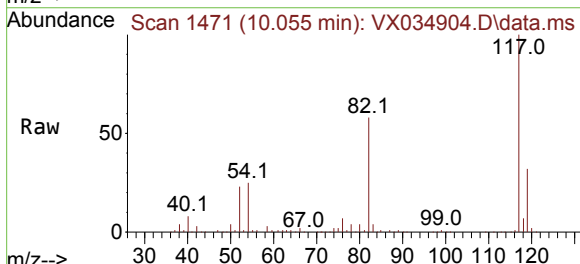
Instrument :
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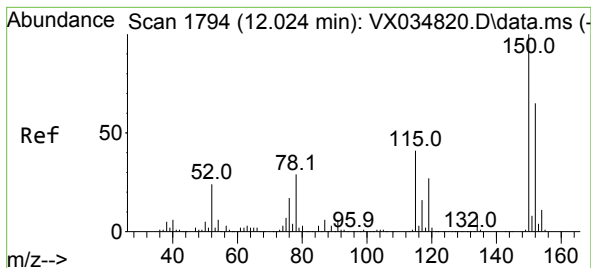
Tgt Ion: 95 Resp: 224749
Ion Ratio Lower Upper
95 100
174 69.4 0.0 147.4
176 67.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034904.D
Acq: 01 Apr 2023 05:46

Tgt Ion: 117 Resp: 441839
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.3 26.0 39.0

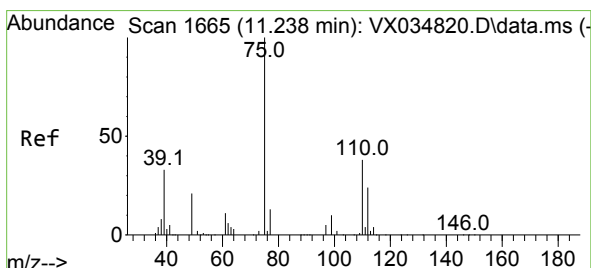
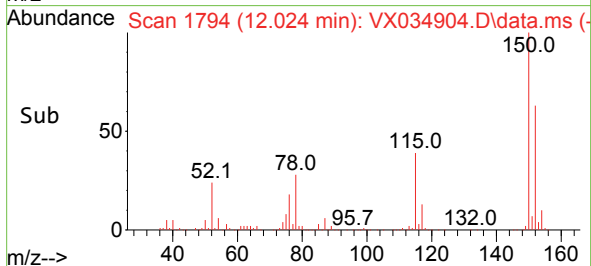
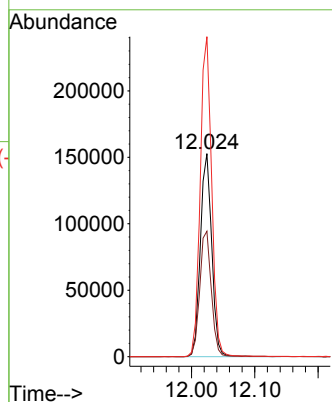
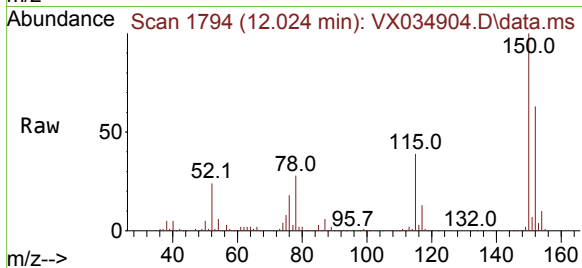




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034904.D
 Acq: 01 Apr 2023 05:46

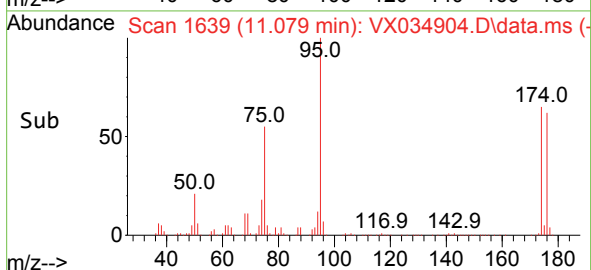
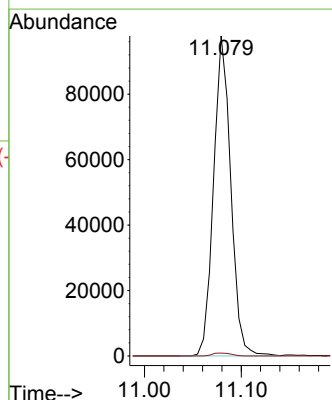
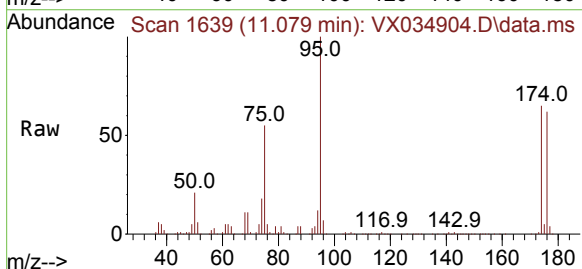
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2D

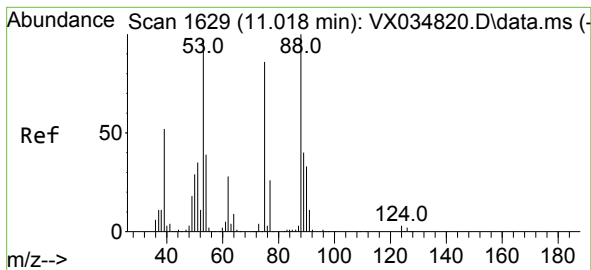
Tgt Ion:152 Resp: 191797
 Ion Ratio Lower Upper
 152 100
 115 62.9 45.0 135.0
 150 158.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 31.294 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034904.D
 Acq: 01 Apr 2023 05:46

Tgt Ion: 75 Resp: 120939
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.787 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034904.D
 Acq: 01 Apr 2023 05:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2D

Tgt Ion: 75 Resp: 120939
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

