

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034513.D
 Acq On : 15 Mar 2023 17:09
 Operator : JC/MD
 Sample : 01909-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAW-031023-AM

Quant Time: Mar 16 05:21:43 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)

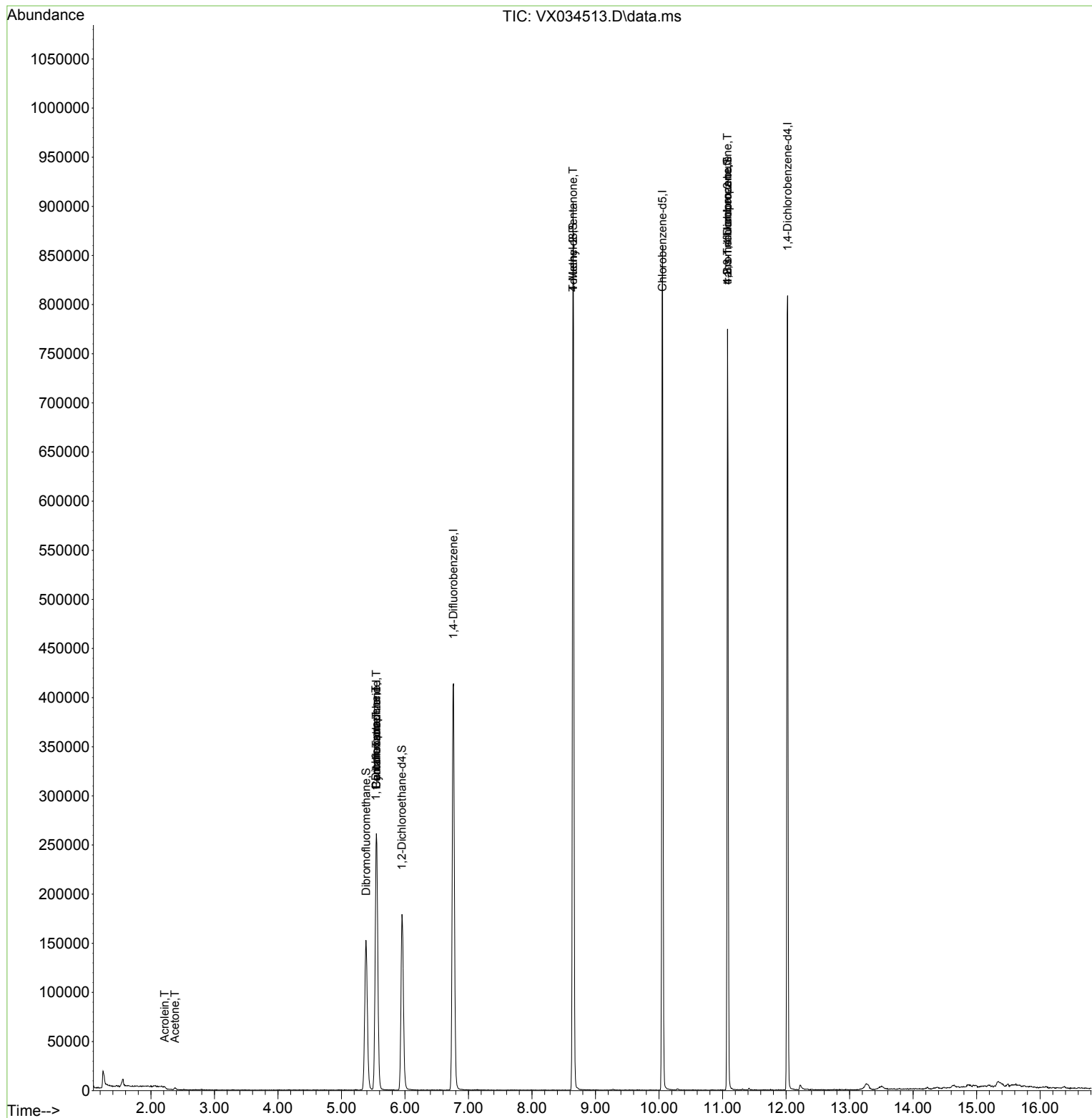
Internal Standards						
1) Pentafluorobenzene	5.550	168	247927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168020	46.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.160%
35) Dibromofluoromethane	5.385	113	131574	47.109	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	8.647	98	509526	48.869	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	196443	46.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	910	Below Cal	#	42
13) Acrolein	2.215	56	157	0.264	ug/l #	64
16) Acetone	2.380	43	2082	1.225	ug/l	89
31) Cyclohexane	5.550	56	5982	1.183	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	19931	4.646	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24746	5.799	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2731	0.593	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	103311	26.791	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	103311	72.478	ug/l #	8

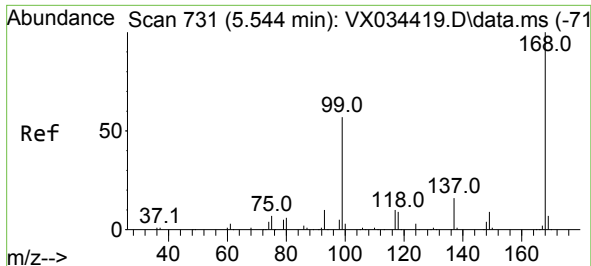
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

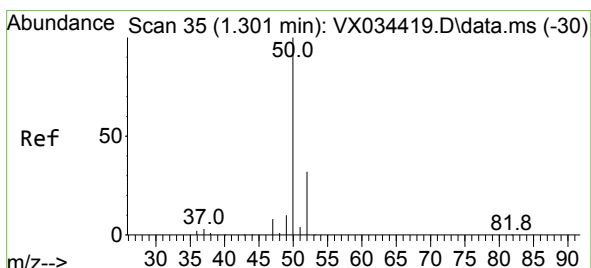
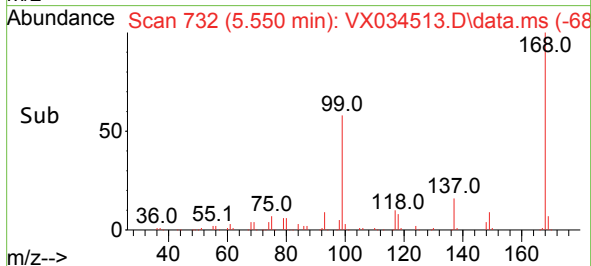
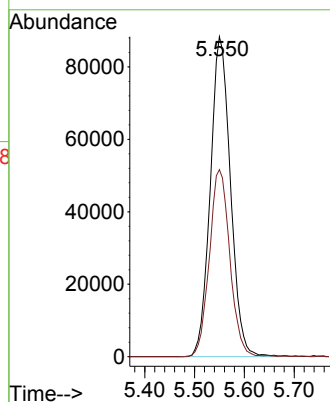
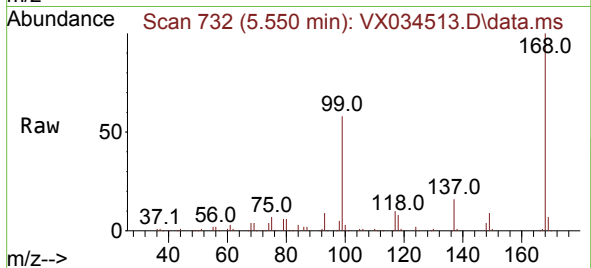




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

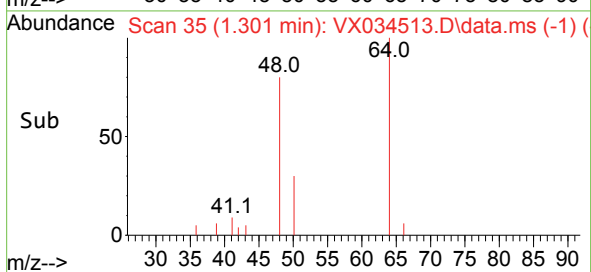
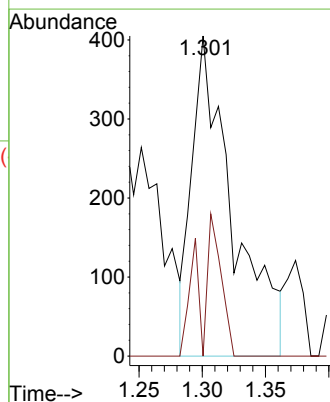
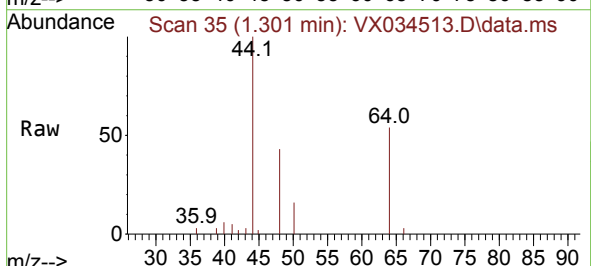
Instrument :
MSVOA_X
ClientSampleId :
RAW-031023-AM

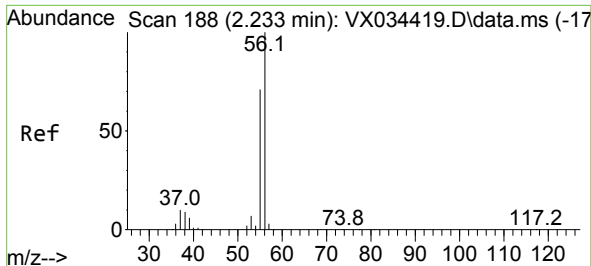
Tgt Ion:168 Resp: 247927
Ion Ratio Lower Upper
168 100
99 58.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

Tgt Ion: 50 Resp: 910
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

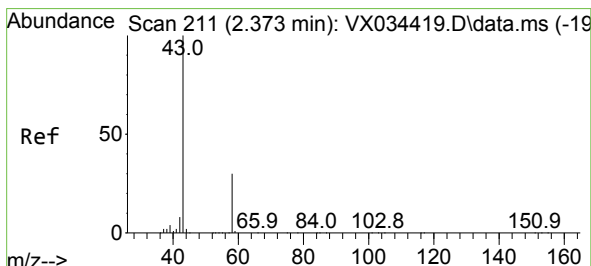
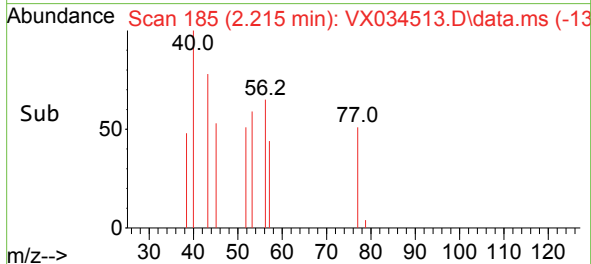
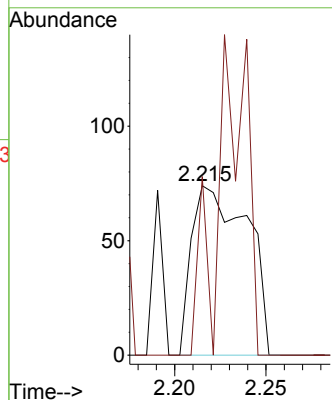
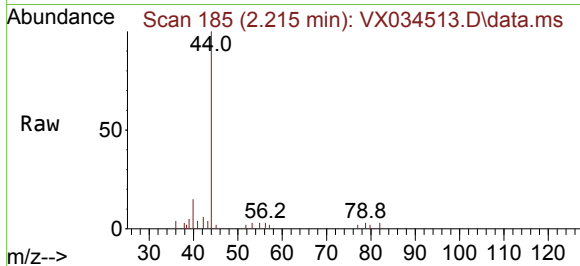




#13
Acrolein
Concen: 0.264 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

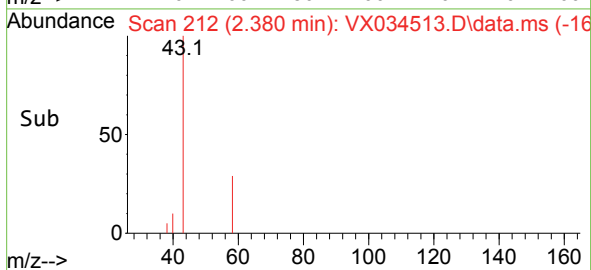
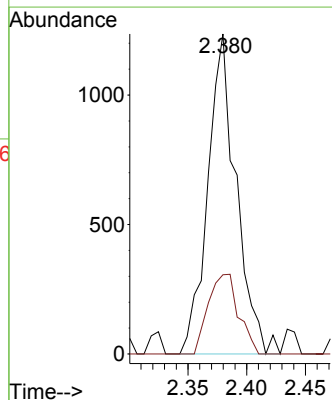
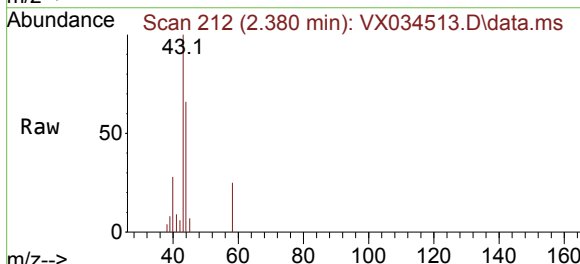
Instrument :
MSVOA_X
ClientSampleId :
RAW-031023-AM

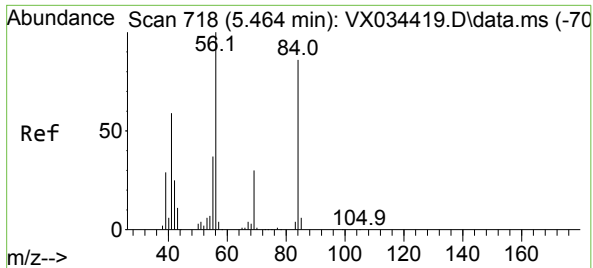
Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 100.6 56.6 85.0#



#16
Acetone
Concen: 1.225 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
58 24.8 24.7 37.1

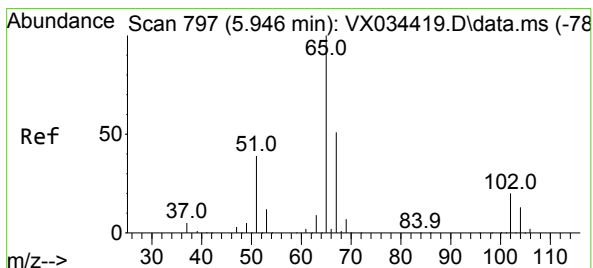
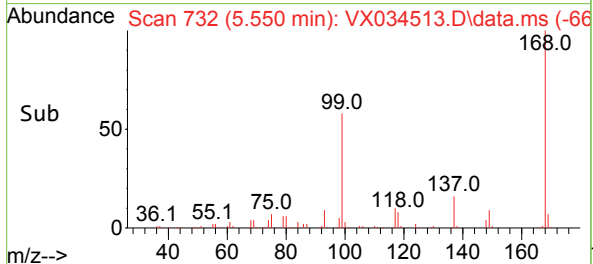
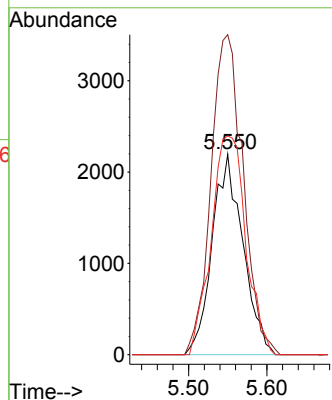
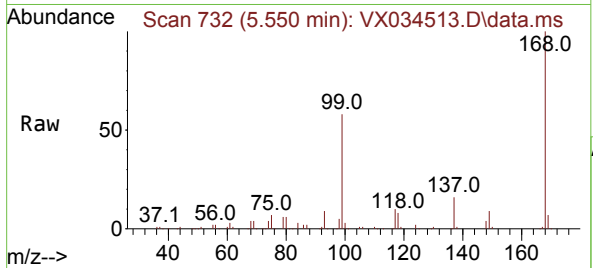




#31
Cyclohexane
Concen: 1.183 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

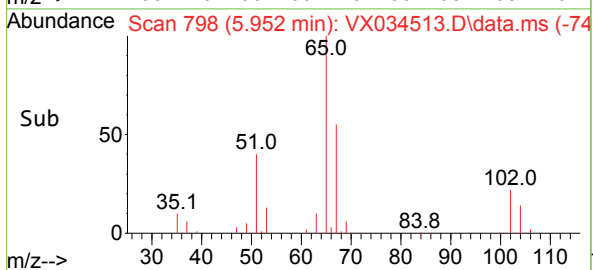
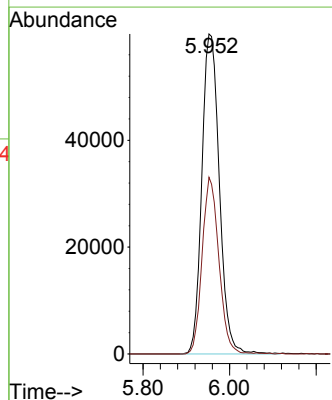
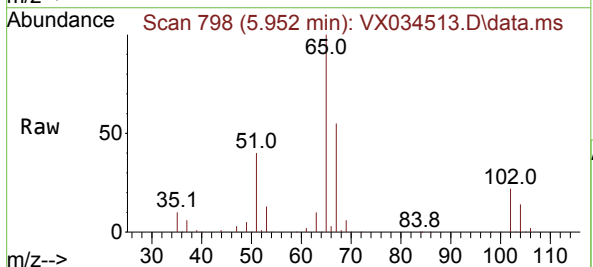
Instrument :
MSVOA_X
ClientSampleId :
RAW-031023-AM

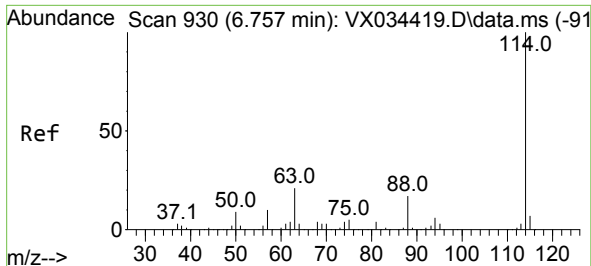
Tgt Ion: 56 Resp: 5982
Ion Ratio Lower Upper
56 100
69 159.6 23.7 35.5#
84 109.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.584 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

Tgt Ion: 65 Resp: 168020
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034513.D

Acq: 15 Mar 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

RAW-031023-AM

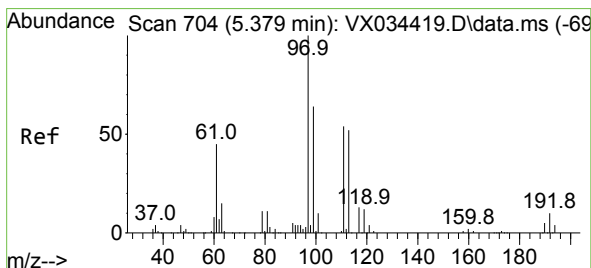
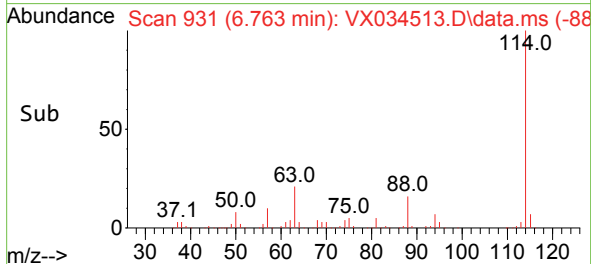
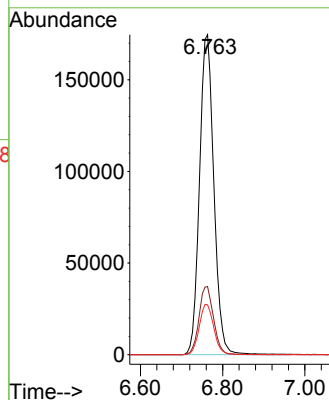
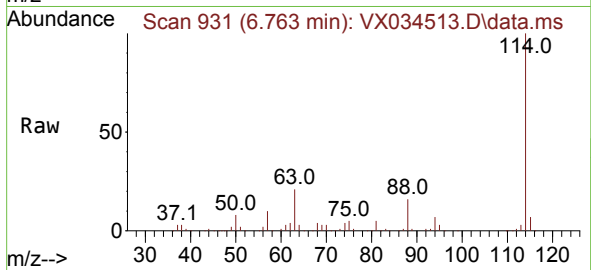
Tgt Ion:114 Resp: 423019

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.109 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034513.D

Acq: 15 Mar 2023 17:09

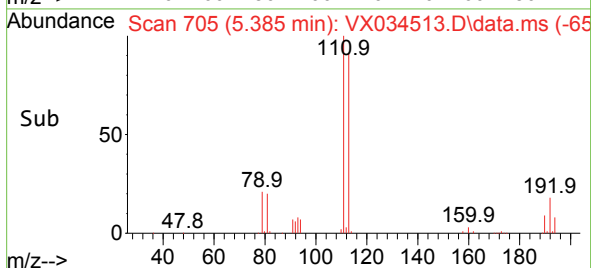
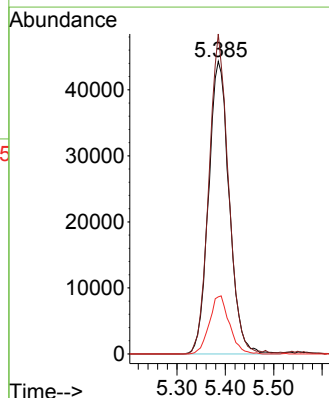
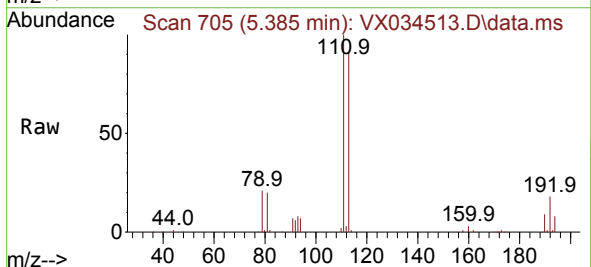
Tgt Ion:113 Resp: 131574

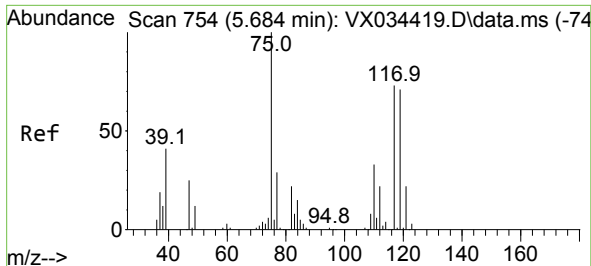
Ion Ratio Lower Upper

113 100

111 103.8 83.7 125.5

192 19.2 15.4 23.2

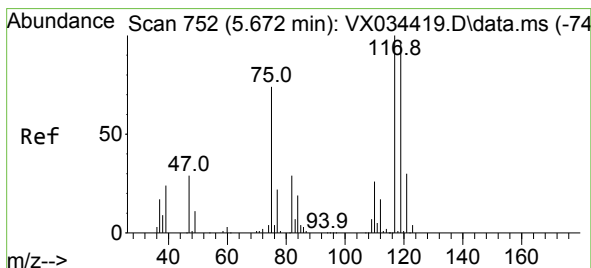
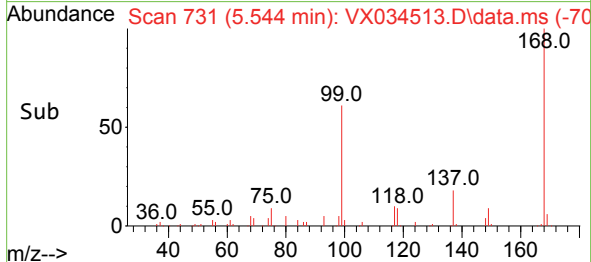
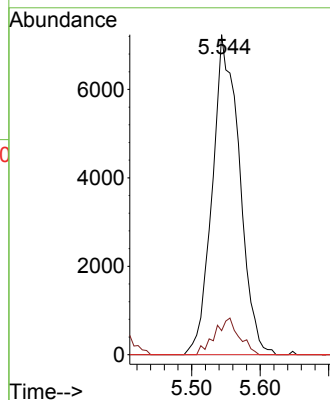
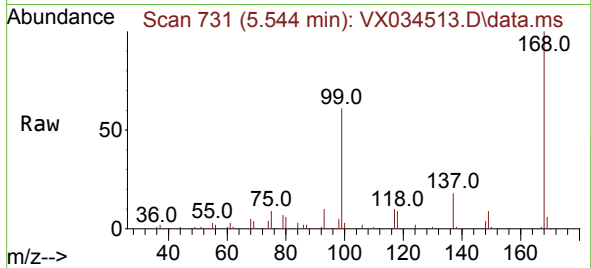




#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

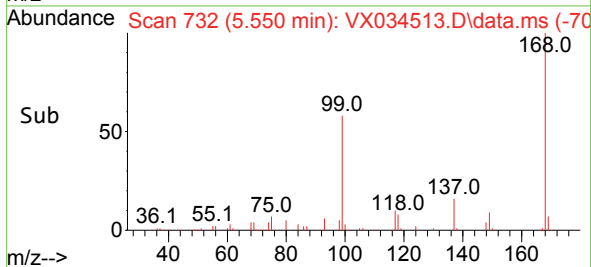
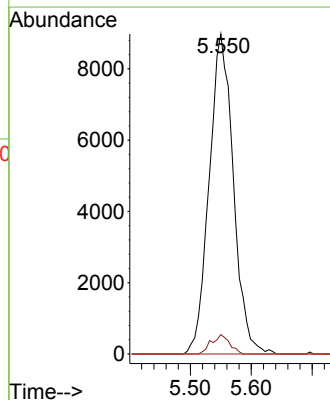
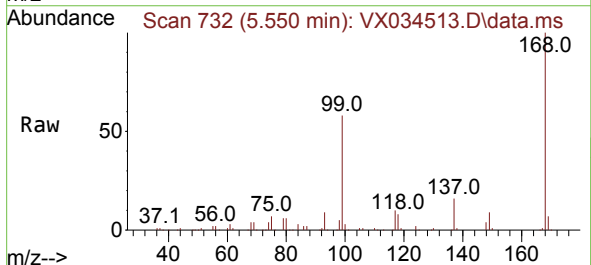
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ClientSampleId :
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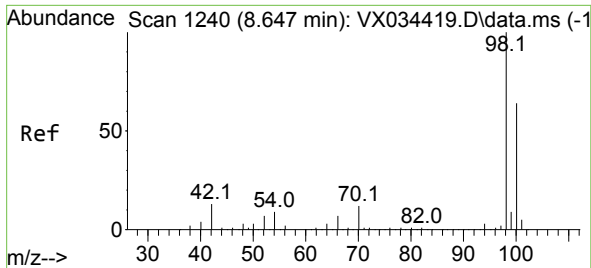
Tgt Ion: 75 Resp: 19931
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

Tgt Ion: 117 Resp: 24746
Ion Ratio Lower Upper
117 100
119 6.1 76.6 114.8#
121 0.0 23.8 35.6#

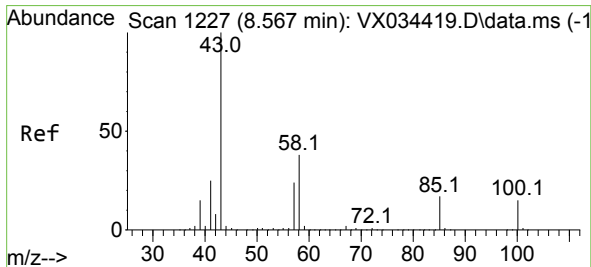
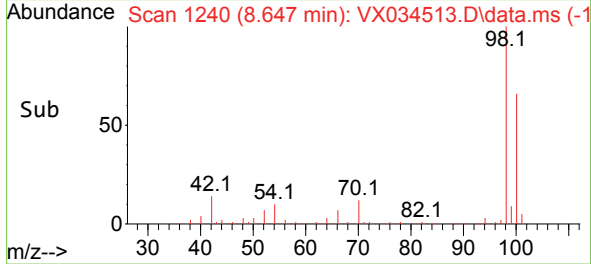
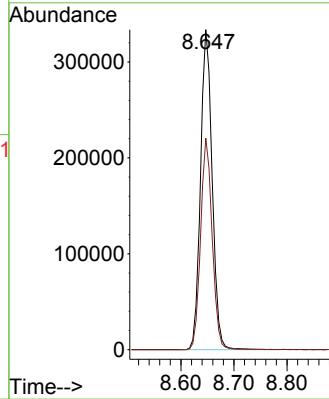
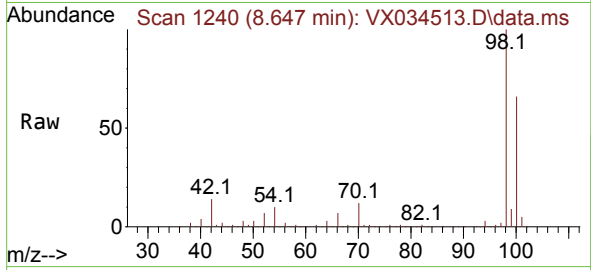




#50
Toluene-d8
Concen: 48.869 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

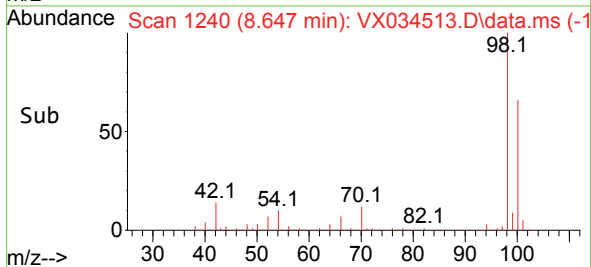
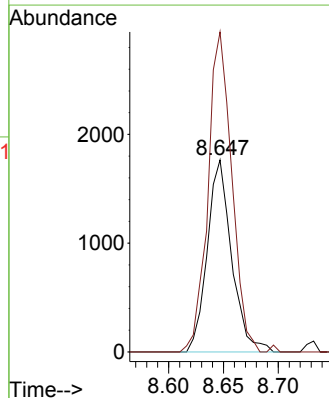
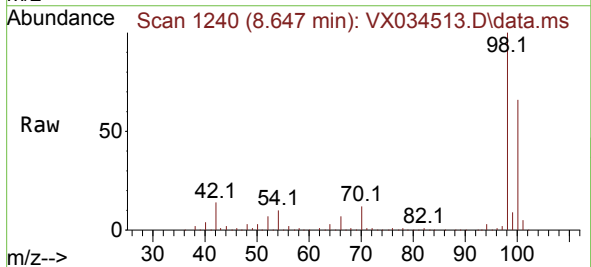
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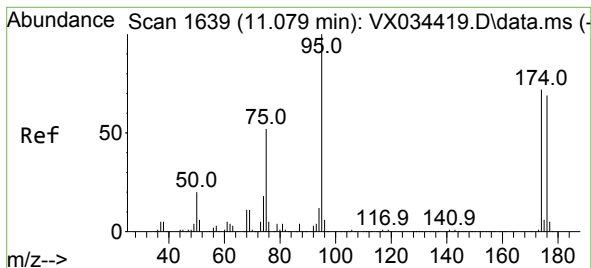
Tgt Ion: 98 Resp: 509526
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

Tgt Ion: 43 Resp: 2731
Ion Ratio Lower Upper
43 100
58 162.9 30.6 46.0#

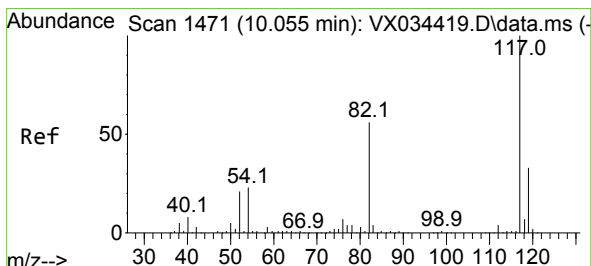
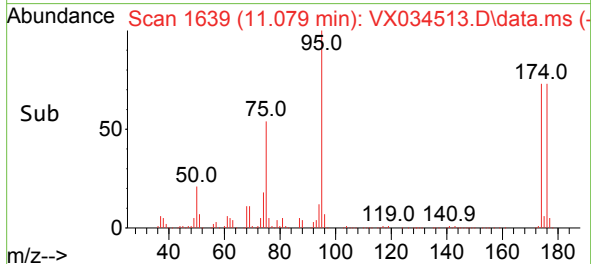
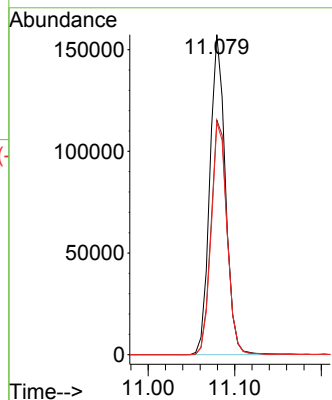
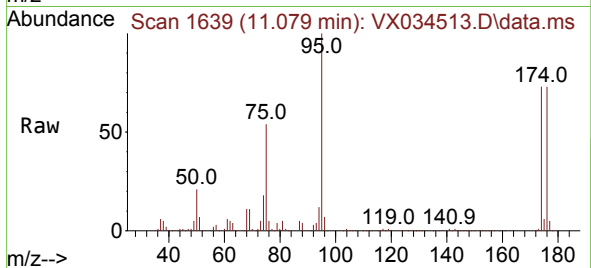




#62
4-Bromofluorobenzene
Concen: 46.645 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

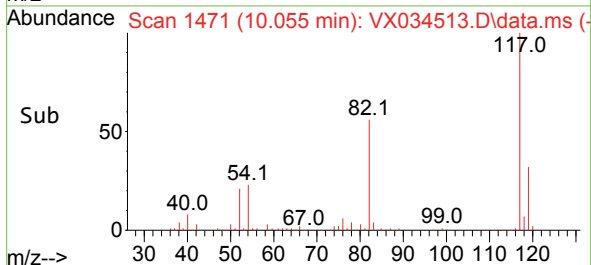
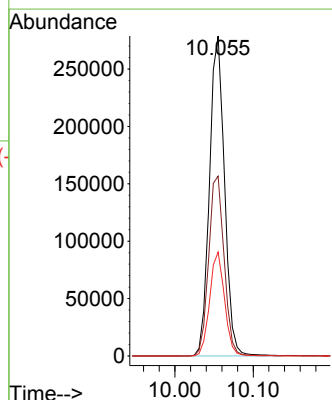
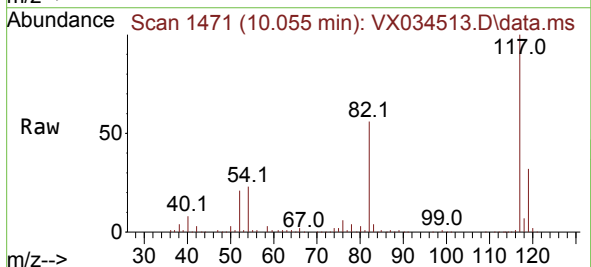
Instrument :
MSVOA_X
ClientSampleId :
RAW-031023-AM

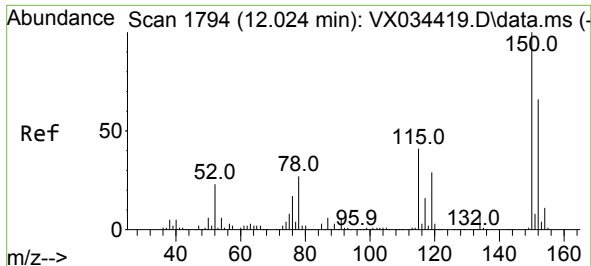
Tgt Ion: 95 Resp: 196443
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 73.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034513.D
Acq: 15 Mar 2023 17:09

Tgt Ion: 117 Resp: 371936
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.4 26.0 39.0

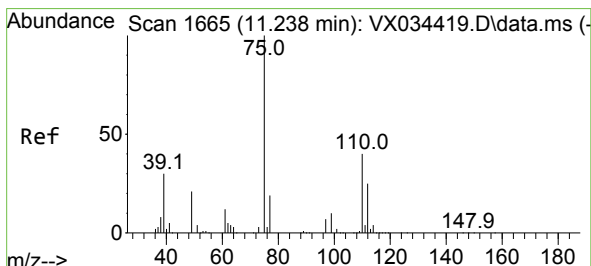
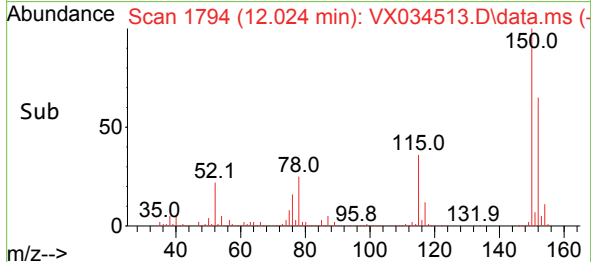
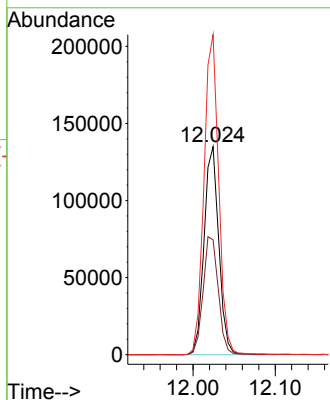
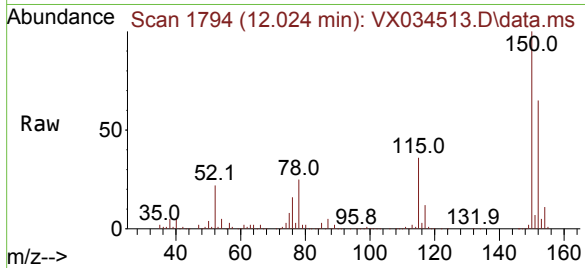




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034513.D
 Acq: 15 Mar 2023 17:09

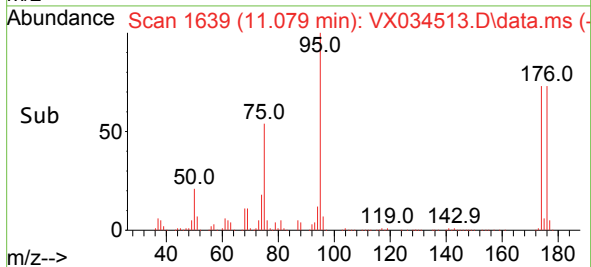
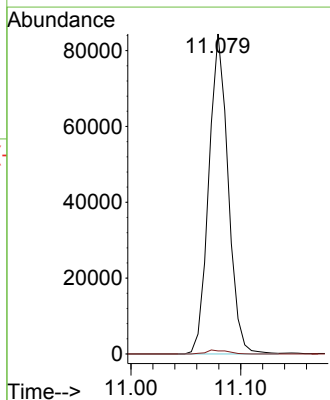
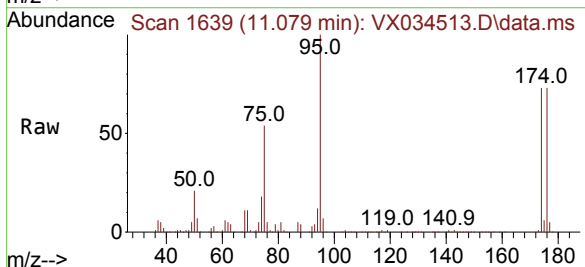
Instrument :
 MSVOA_X
 ClientSampleId :
 RAW-031023-AM

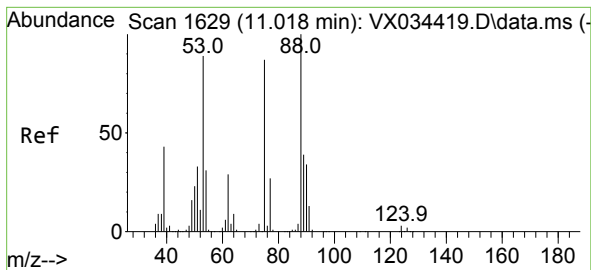
Tgt Ion:152 Resp: 167944
 Ion Ratio Lower Upper
 152 100
 115 58.4 45.0 135.0
 150 153.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.791 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034513.D
 Acq: 15 Mar 2023 17:09

Tgt Ion: 75 Resp: 103311
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.478 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034513.D
 Acq: 15 Mar 2023 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RAW-031023-AM

Tgt Ion: 75 Resp: 103311
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

