

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034515.D
 Acq On : 15 Mar 2023 17:56
 Operator : JC/MD
 Sample : 01909-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-01-031023-AM

Quant Time: Mar 16 05:22:17 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)

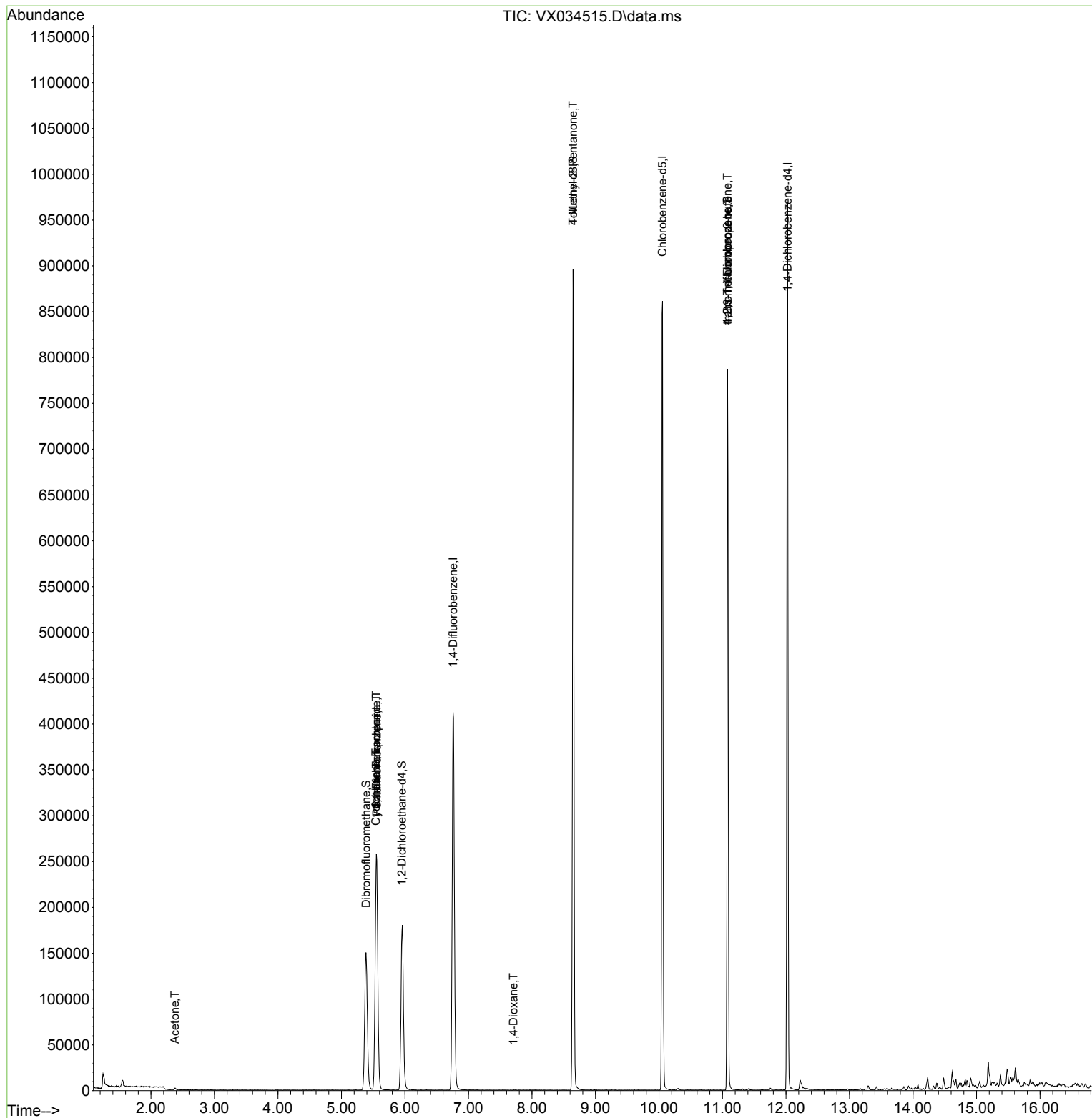
Internal Standards						
1) Pentafluorobenzene	5.556	168	245963	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	419785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167106	46.700	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.385	113	130971	47.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.647	98	510337	49.324	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.640%
62) 4-Bromofluorobenzene	11.079	95	199262	47.679	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	566	Below Cal	#	86
16) Acetone	2.380	43	1837	1.090	ug/l	98
31) Cyclohexane	5.544	56	5896	1.175	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	20079	4.717	ug/l #	50
38) Carbon Tetrachloride	5.550	117	24401	5.762	ug/l #	15
49) 1,4-Dioxane	7.708	88	33	0.415	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	2797	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106386	23.922	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	106386	64.715	ug/l #	8

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

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QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

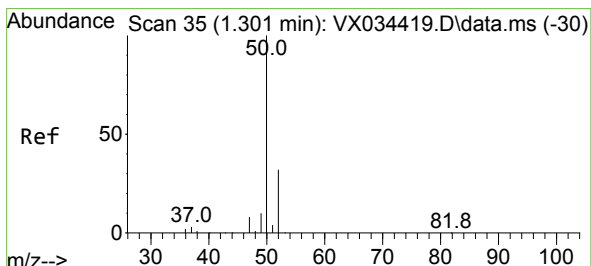
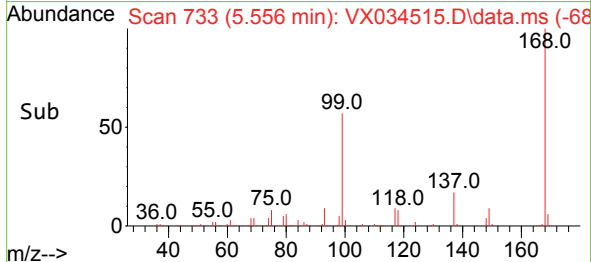
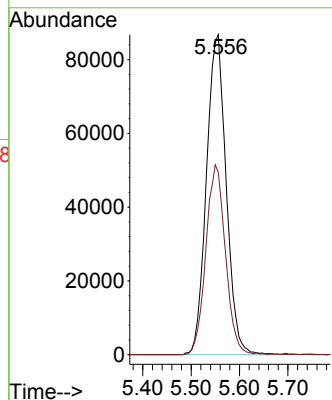
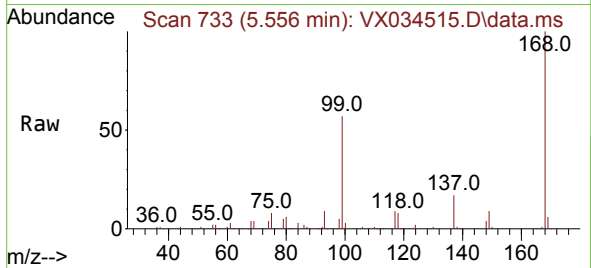




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

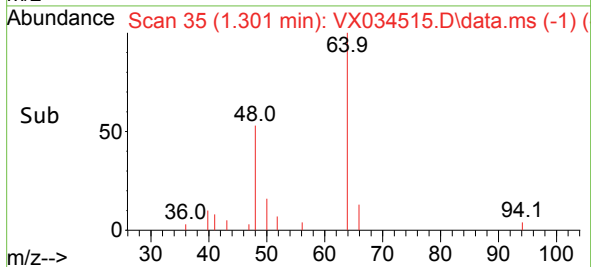
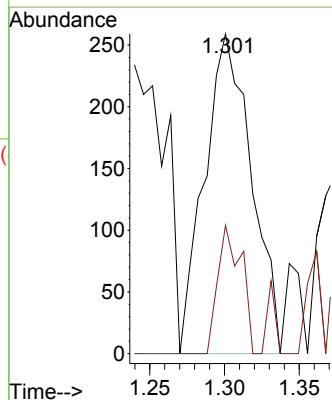
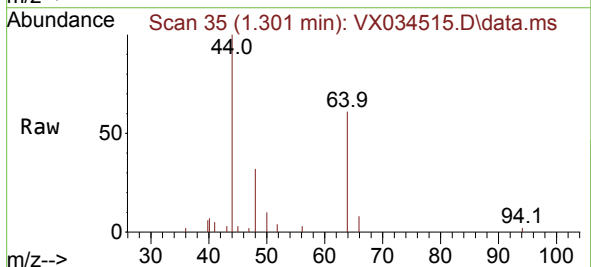
Instrument :
MSVOA_X
ClientSampleId :
DS-01-031023-AM

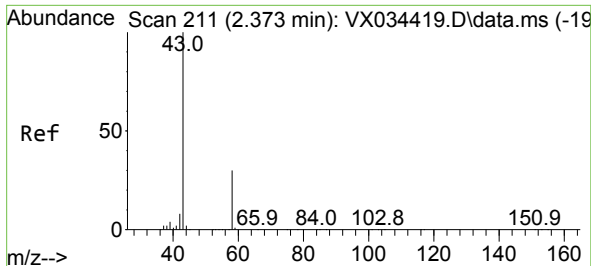
Tgt Ion:168 Resp: 245963
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

Tgt Ion: 50 Resp: 566
Ion Ratio Lower Upper
50 100
52 40.2 25.9 38.9#

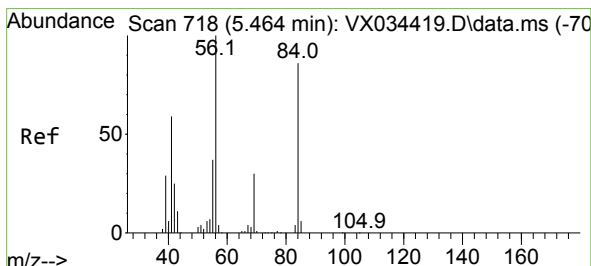
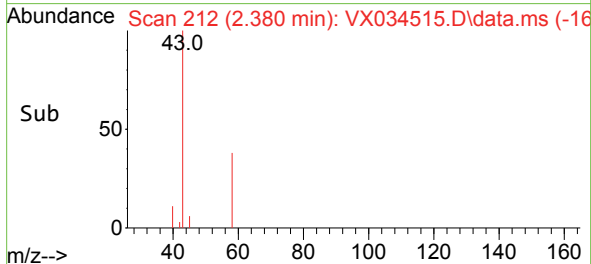
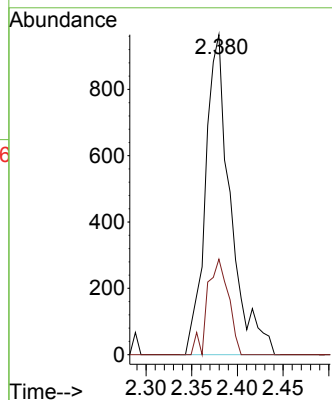
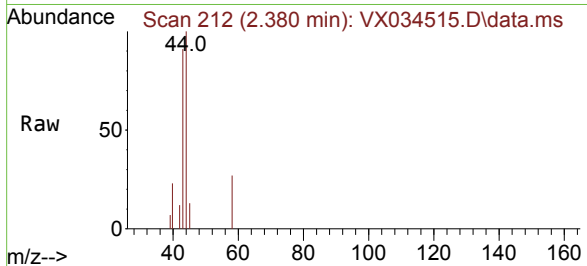




#16
Acetone
Concen: 1.090 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

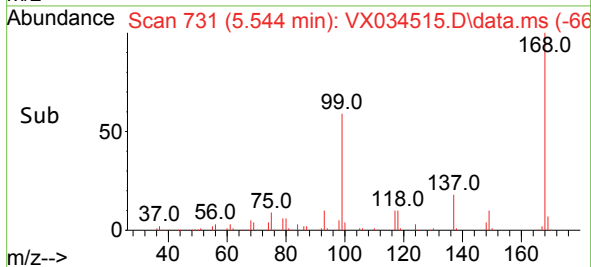
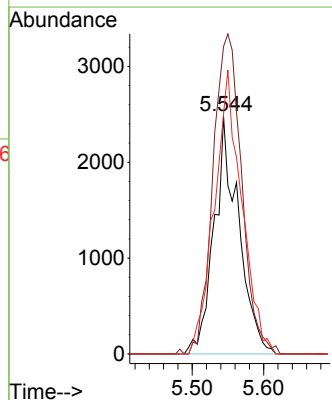
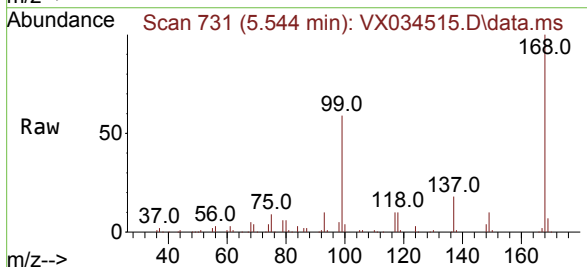
Instrument :
MSVOA_X
ClientSampleId :
DS-01-031023-AM

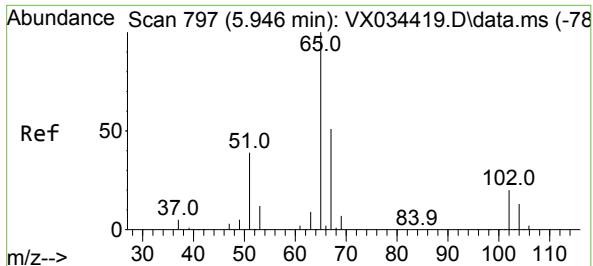
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

Tgt Ion: 56 Resp: 5896
Ion Ratio Lower Upper
56 100
69 129.4 23.7 35.5#
84 101.0 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 46.700 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034515.D

Acq: 15 Mar 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

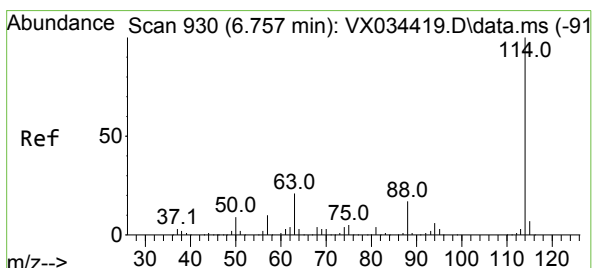
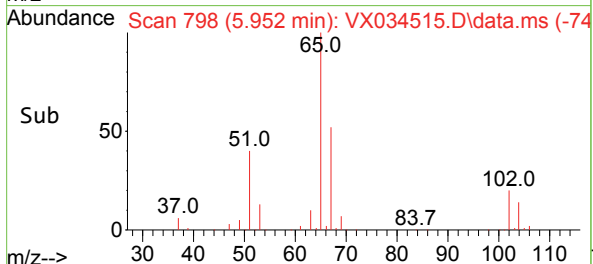
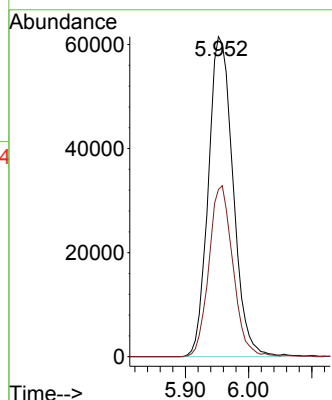
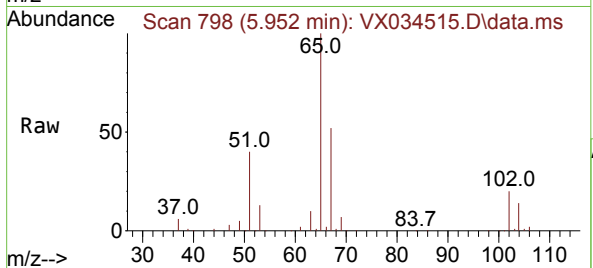
DS-01-031023-AM

Tgt Ion: 65 Resp: 167106

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034515.D

Acq: 15 Mar 2023 17:56

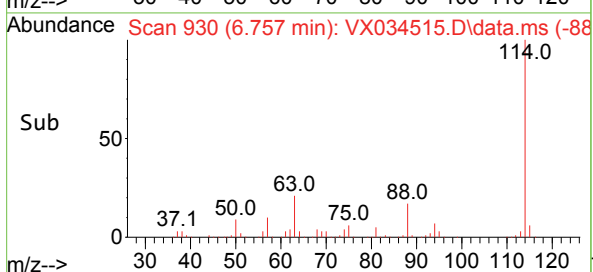
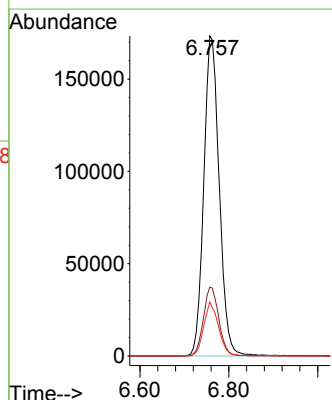
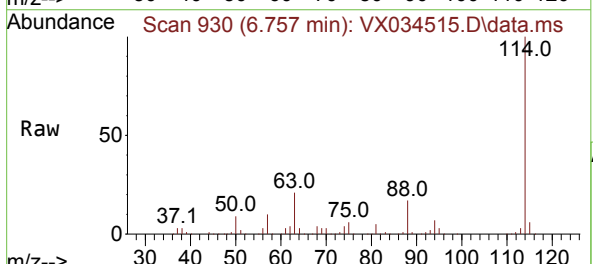
Tgt Ion: 114 Resp: 419785

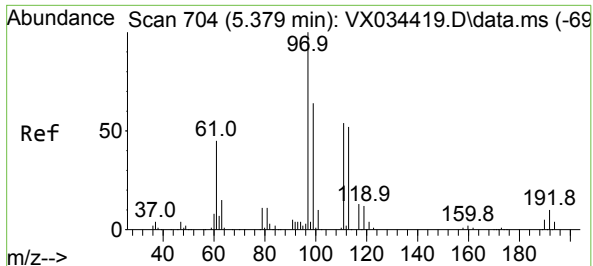
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 16.9 0.0 33.2

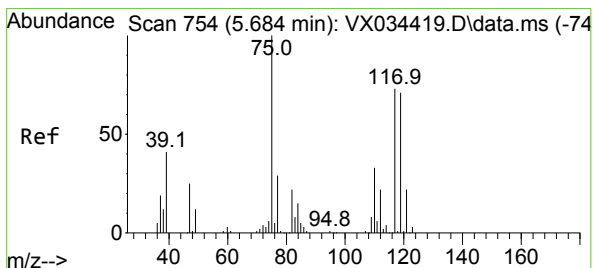
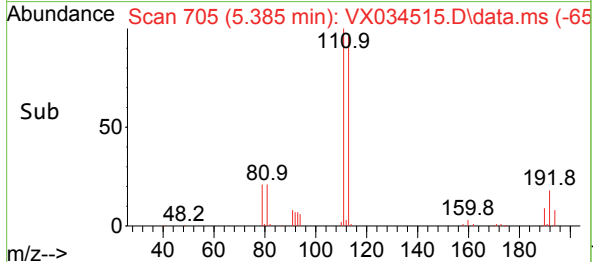
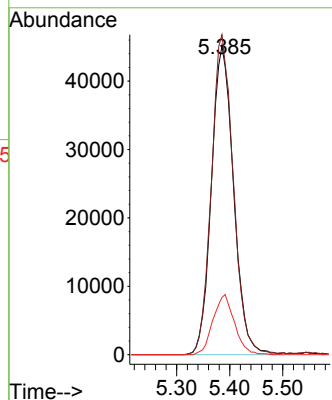
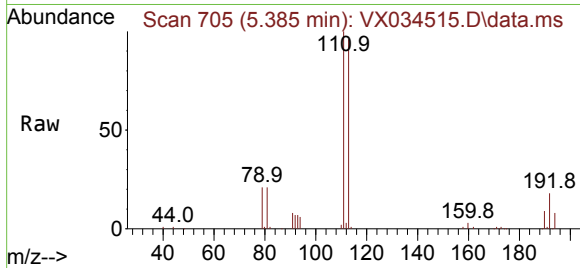




#35
Dibromofluoromethane
Concen: 47.254 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

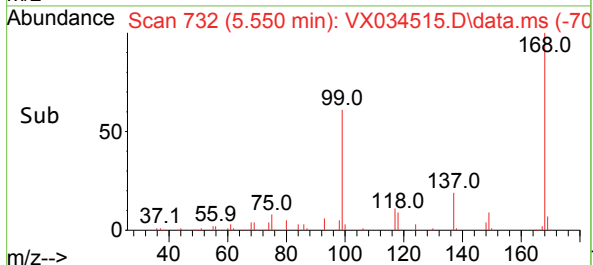
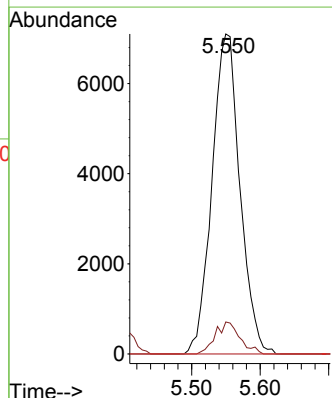
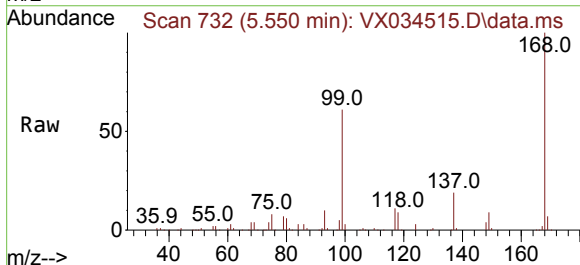
Instrument :
MSVOA_X
ClientSampleId :
DS-01-031023-AM

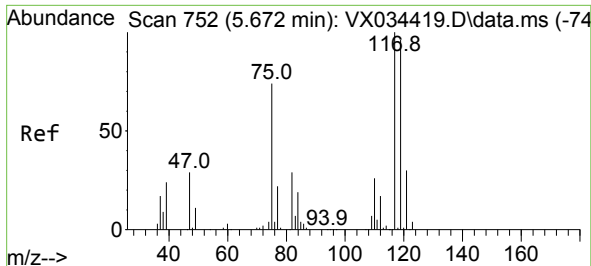
Tgt Ion:113 Resp: 130971
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.717 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

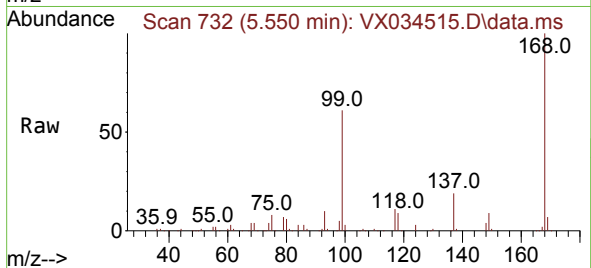
Tgt Ion: 75 Resp: 20079
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



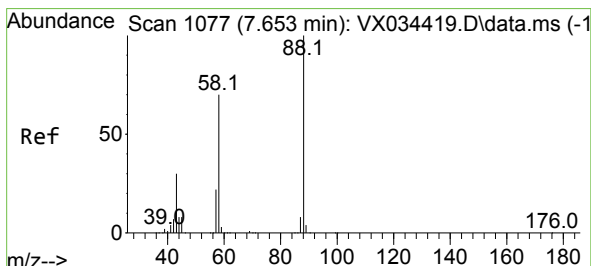
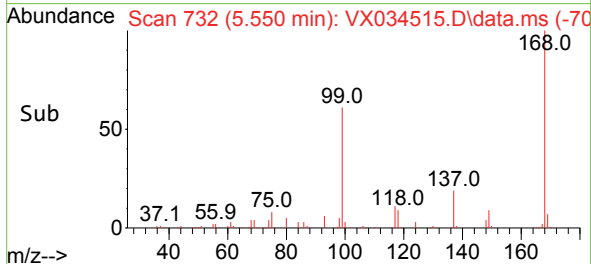
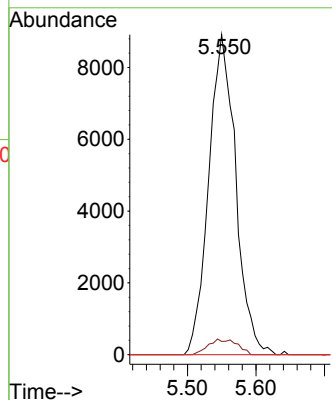


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

Instrument :
MSVOA_X
ClientSampleId :
DS-01-031023-AM

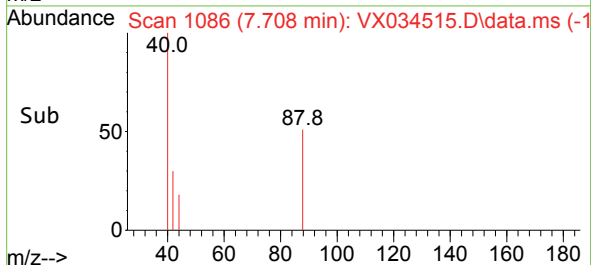
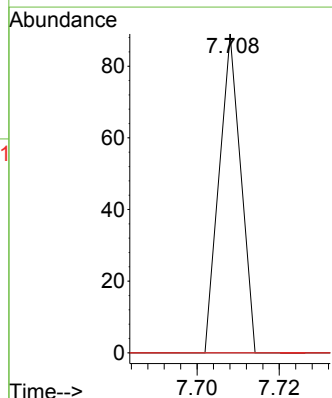
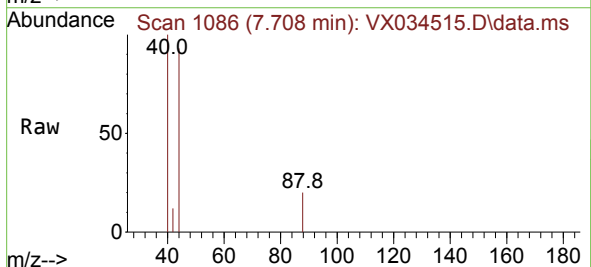


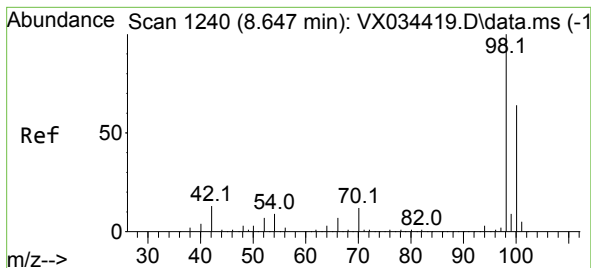
Tgt Ion:117 Resp: 24401
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 0.415 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.055 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#





#50

Toluene-d8

Concen: 49.324 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034515.D

Acq: 15 Mar 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

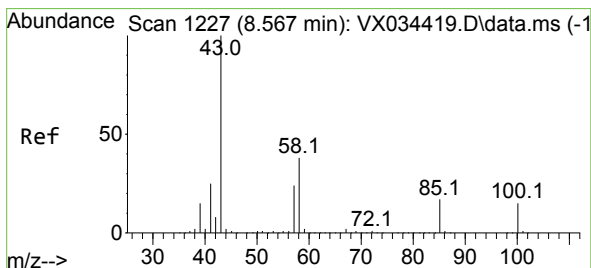
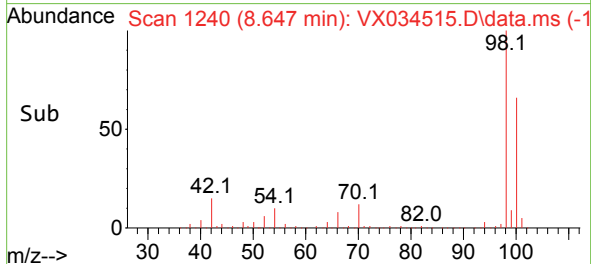
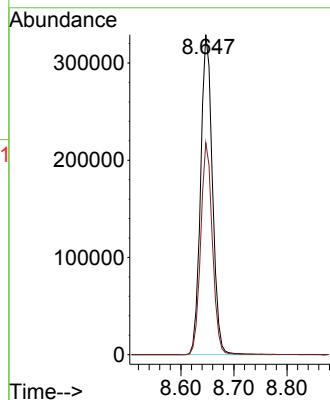
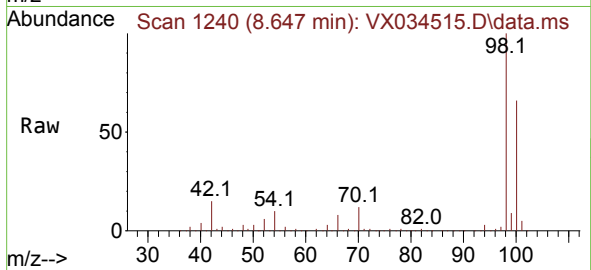
DS-01-031023-AM

Tgt Ion: 98 Resp: 510337

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.612 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034515.D

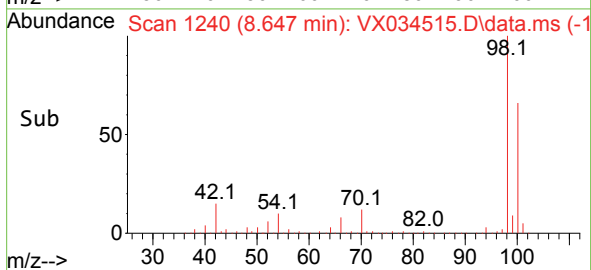
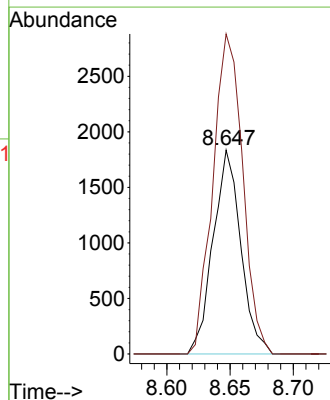
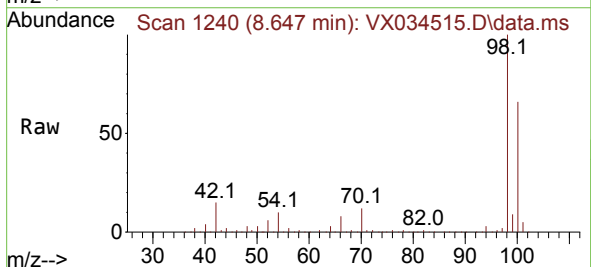
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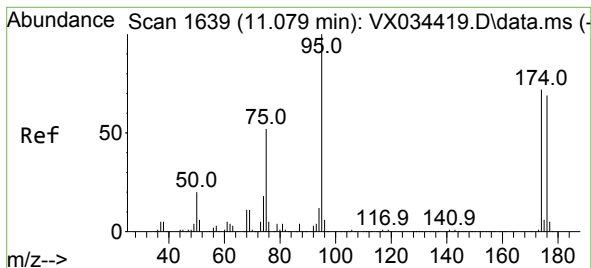
Tgt Ion: 43 Resp: 2797

Ion Ratio Lower Upper

43 100

58 169.1 30.6 46.0#

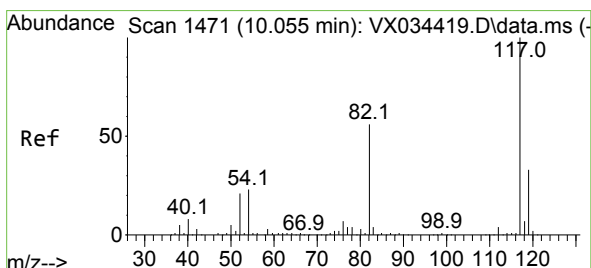
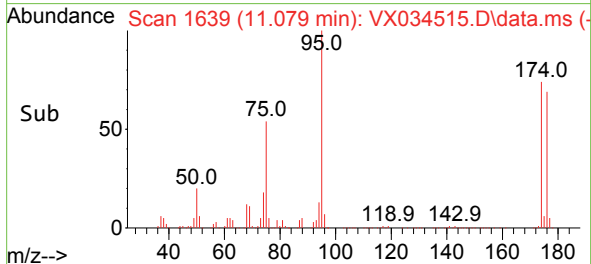
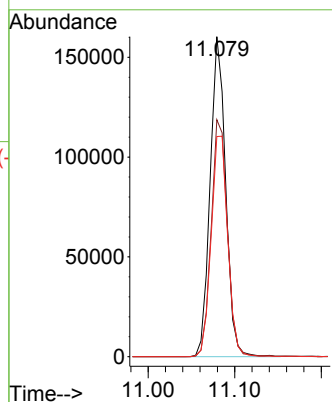
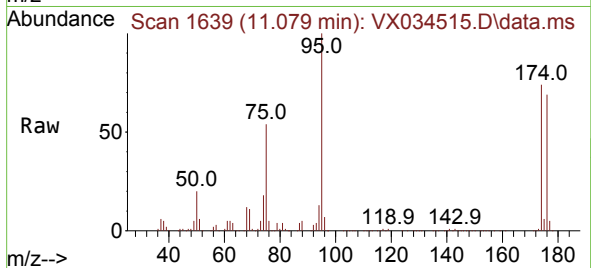




#62
4-Bromofluorobenzene
Concen: 47.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

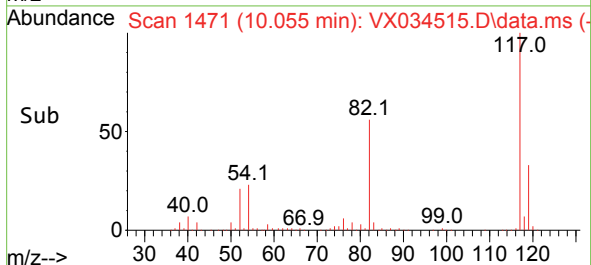
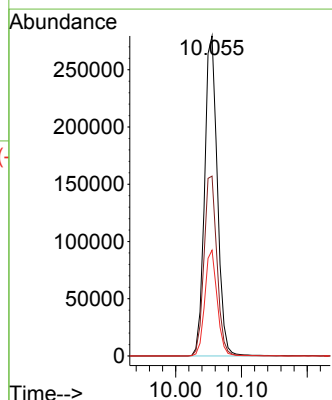
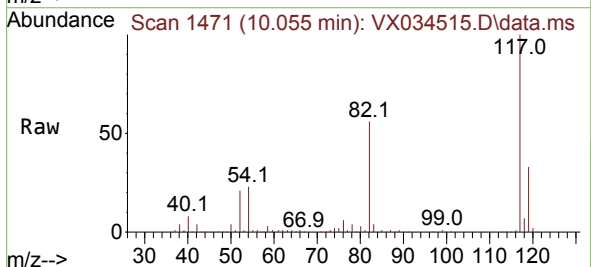
Instrument :
MSVOA_X
ClientSampleId :
DS-01-031023-AM

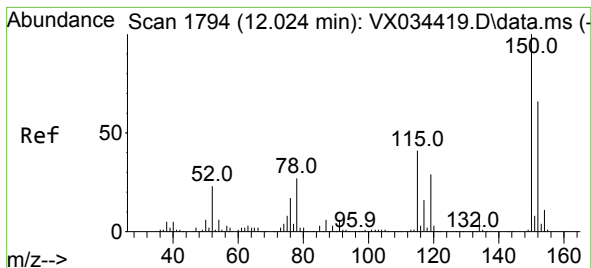
Tgt Ion: 95 Resp: 199262
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.4
176 73.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034515.D
Acq: 15 Mar 2023 17:56

Tgt Ion: 117 Resp: 377236
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 33.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034515.D

Acq: 15 Mar 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

DS-01-031023-AM

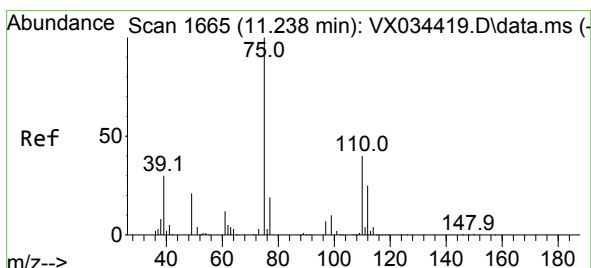
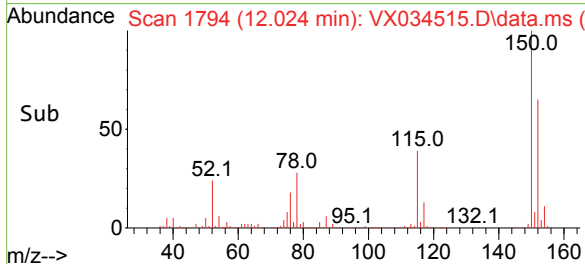
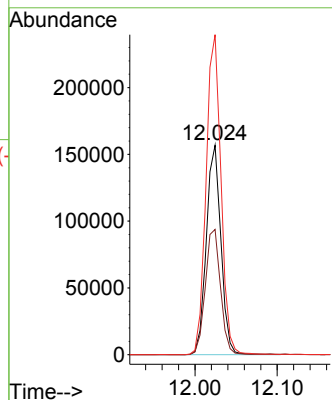
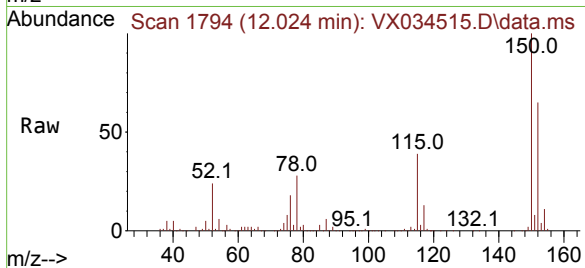
Tgt Ion:152 Resp: 193687

Ion Ratio Lower Upper

152 100

115 62.3 45.0 135.0

150 156.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 23.922 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034515.D

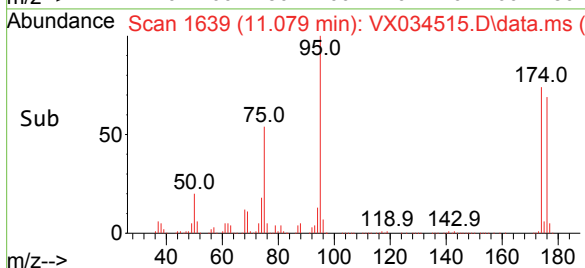
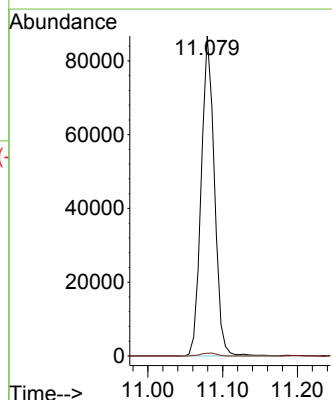
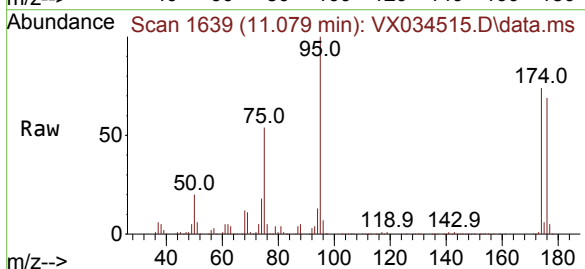
Acq: 15 Mar 2023 17:56

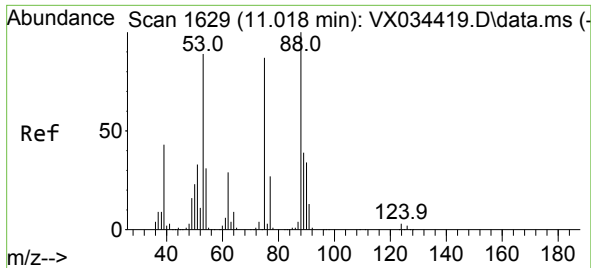
Tgt Ion: 75 Resp: 106386

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.715 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034515.D
 Acq: 15 Mar 2023 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-01-031023-AM

Tgt Ion: 75 Resp: 106386
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

