

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037517.D
 Acq On : 05 Sep 2023 17:12
 Operator : JC/MD
 Sample : 04254-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 06 02:57:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

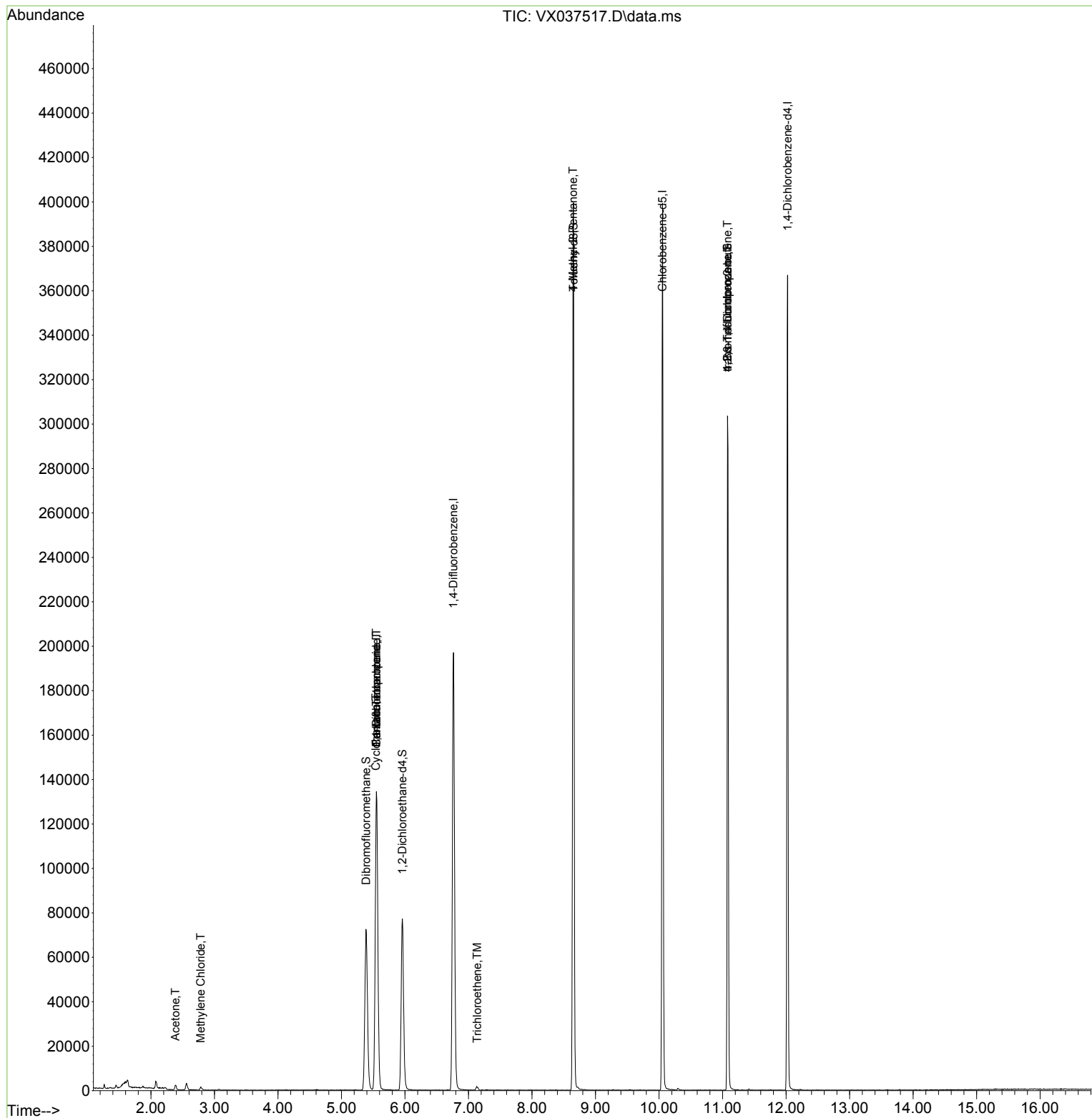
Internal Standards						
1) Pentafluorobenzene	5.550	168	129163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76241	40.943	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.880%
35) Dibromofluoromethane	5.385	113	65208	46.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	8.653	98	249737	48.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	88351	43.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.760%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2432	3.338	ug/l	93
20) Methylene Chloride	2.782	84	881	0.541	ug/l #	84
31) Cyclohexane	5.544	56	2254	1.077	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9979	4.973	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13472	6.181	ug/l #	15
44) Trichloroethene	7.135	130	795	0.487	ug/l	71
51) 4-Methyl-2-Pentanone	8.647	43	820	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41821	24.765	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41821	69.170	ug/l #	5

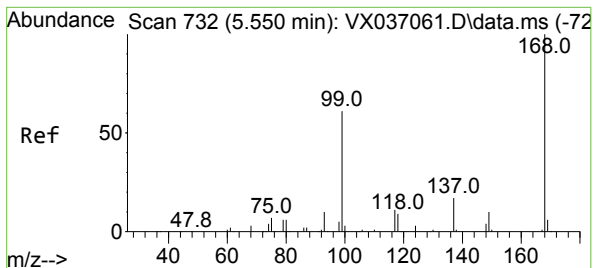
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.000 min

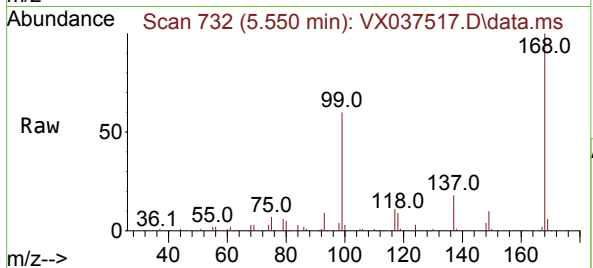
Lab File: VX037517.D

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Instrument :

MSVOA_X

ClientSampleId :

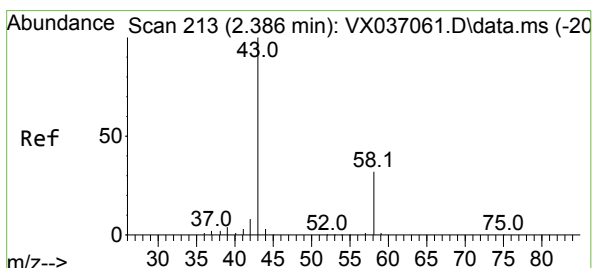
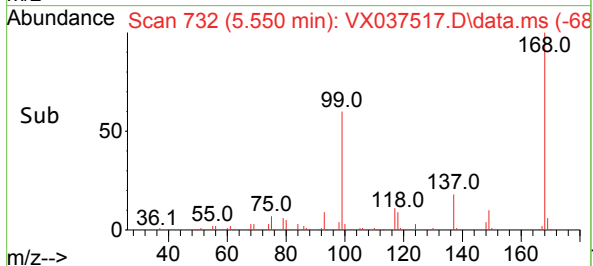
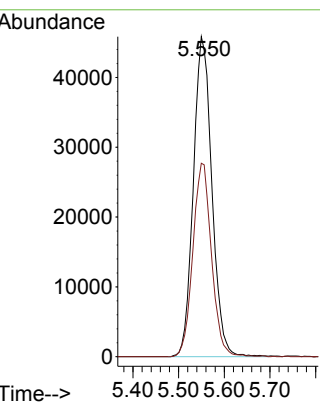


Tgt Ion:168 Resp: 129163

Ion Ratio Lower Upper

168 100

99 60.4 56.6 85.0



#16

Acetone

Concen: 3.338 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037517.D

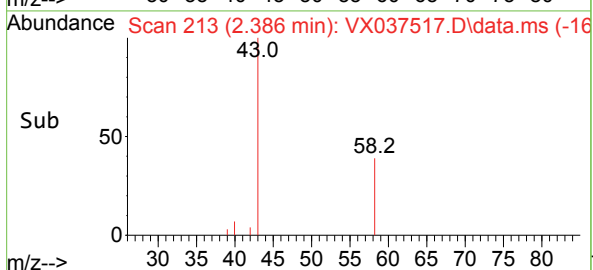
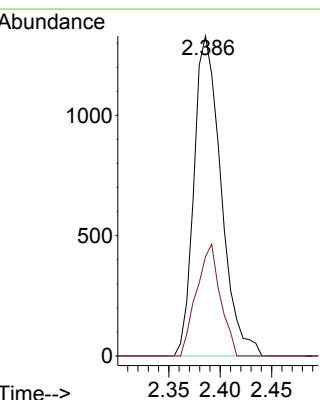
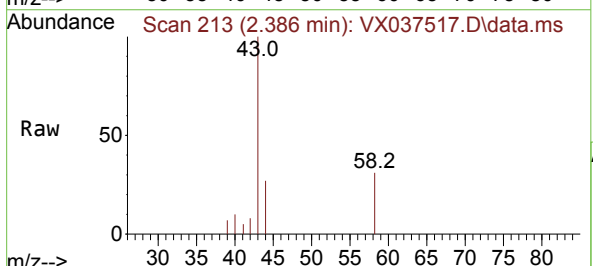
Acq: 05 Sep 2023 17:12

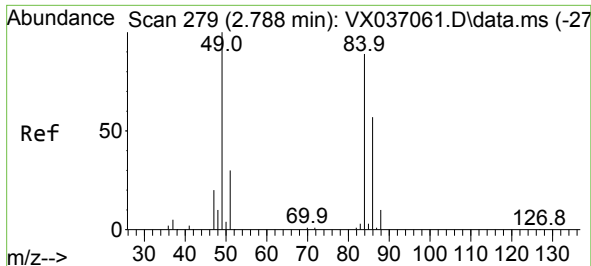
Tgt Ion: 43 Resp: 2432

Ion Ratio Lower Upper

43 100

58 31.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.541 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

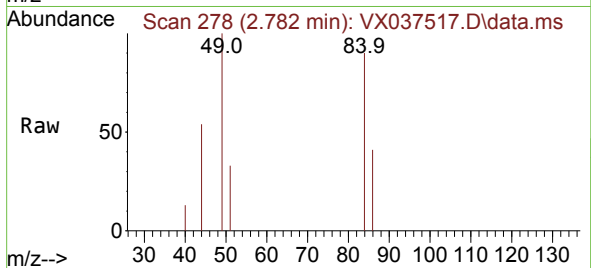
Lab File: VX037517.D

Acq: 05 Sep 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 881

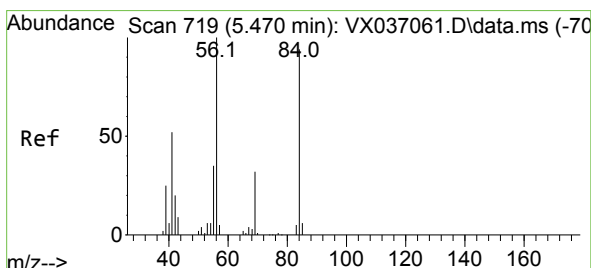
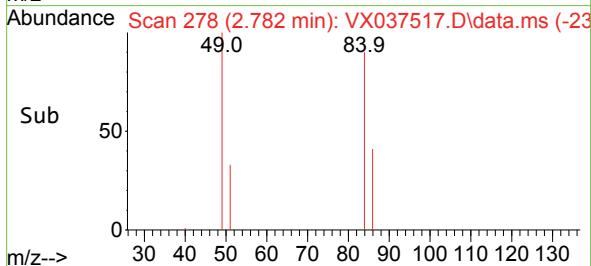
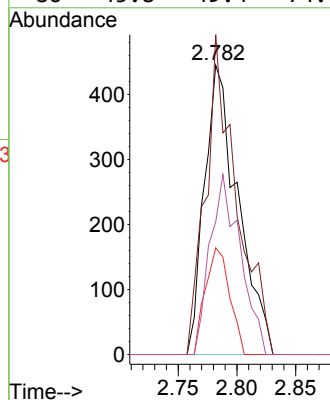
Ion Ratio Lower Upper

84 100

49 110.6 103.6 155.4

51 36.9 33.8 50.6

86 45.8 49.4 74.0#



#31

Cyclohexane

Concen: 1.077 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037517.D

Acq: 05 Sep 2023 17:12

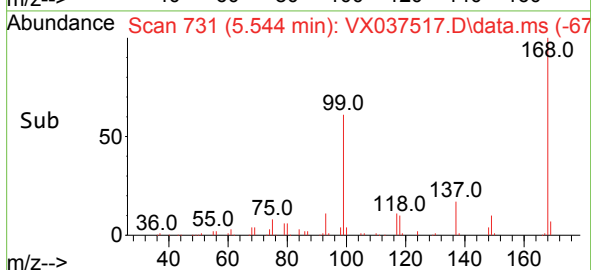
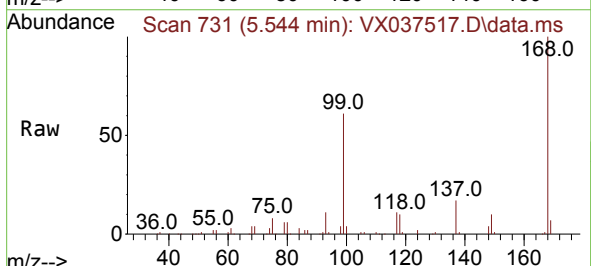
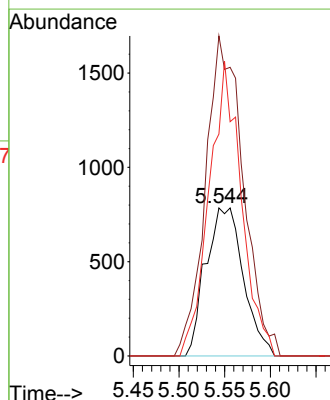
Tgt Ion: 56 Resp: 2254

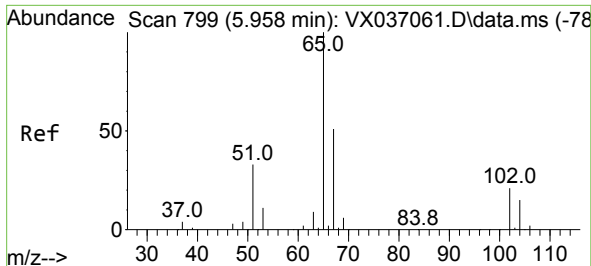
Ion Ratio Lower Upper

56 100

69 216.2 23.4 35.2#

84 149.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 40.943 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037517.D

Acq: 05 Sep 2023 17:12

Instrument :

MSVOA_X

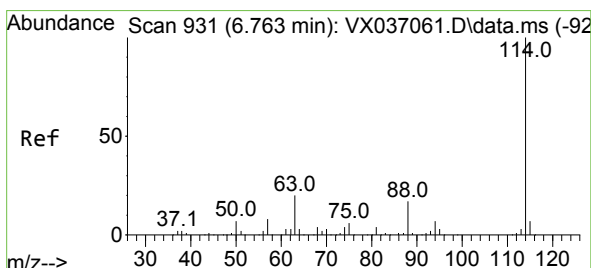
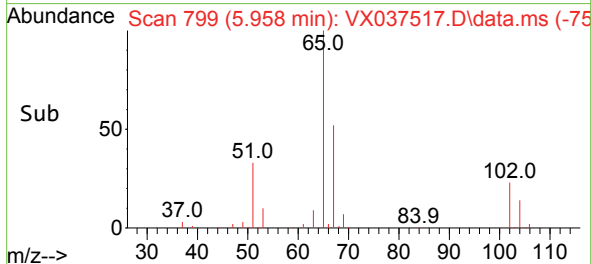
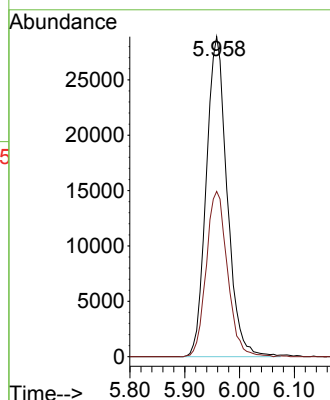
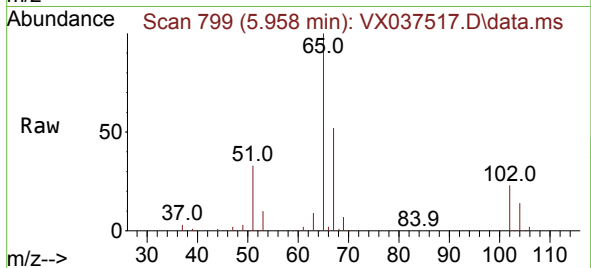
ClientSampleId :

Tgt Ion: 65 Resp: 76241

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037517.D

Acq: 05 Sep 2023 17:12

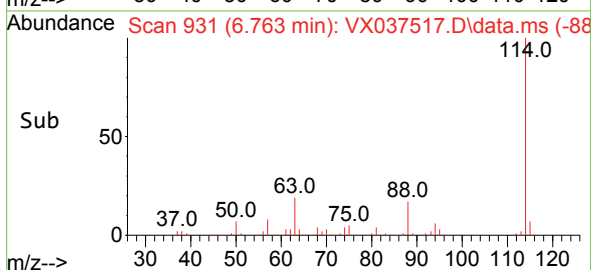
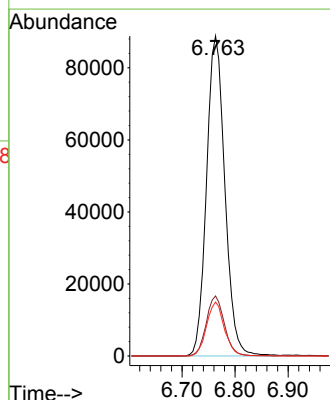
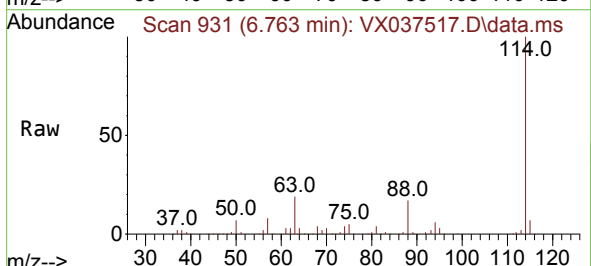
Tgt Ion: 114 Resp: 213262

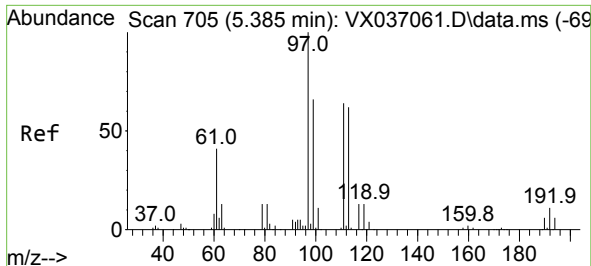
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

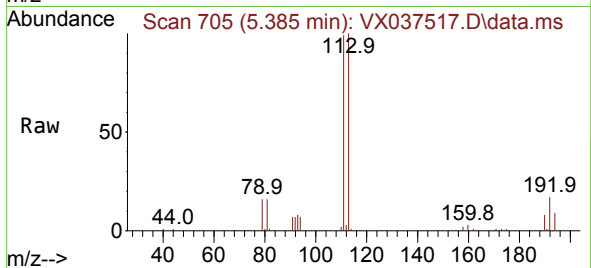
88 16.8 0.0 36.6



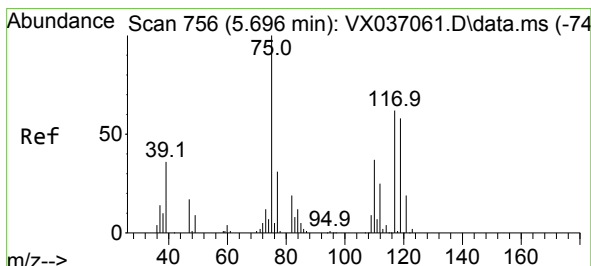
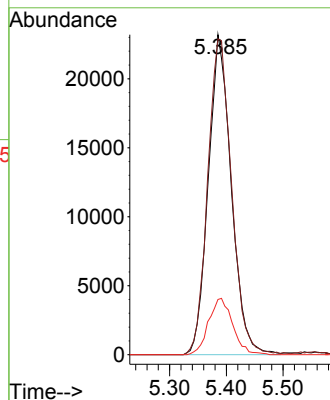
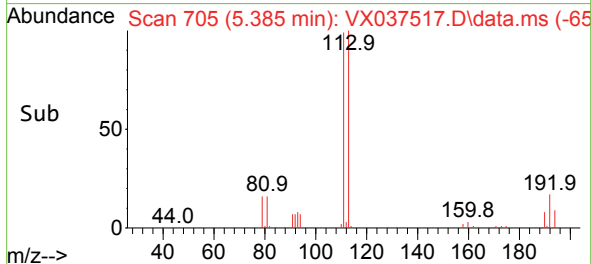


#35
Dibromofluoromethane
Concen: 46.169 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037517.D
Acq: 05 Sep 2023 17:12

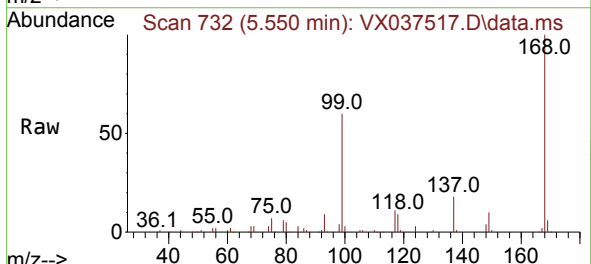
Instrument :
MSVOA_X
ClientSampleId :



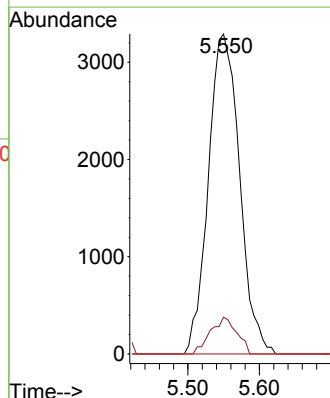
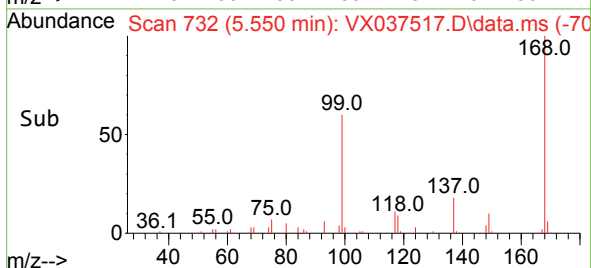
Tgt Ion:113 Resp: 65208
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9

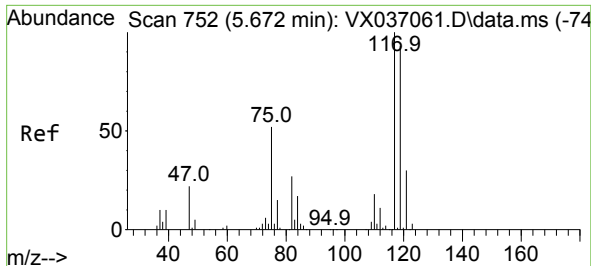


#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037517.D
Acq: 05 Sep 2023 17:12



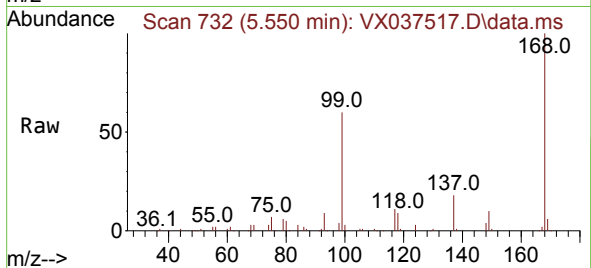
Tgt Ion: 75 Resp: 9979
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



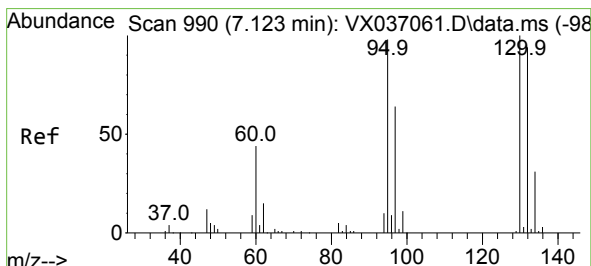
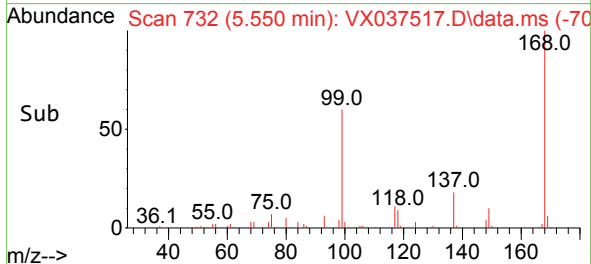
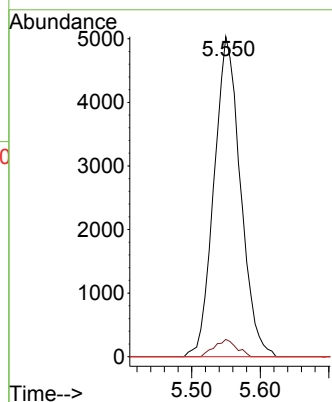


#38
Carbon Tetrachloride
Concen: 6.181 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037517.D
Acq: 05 Sep 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

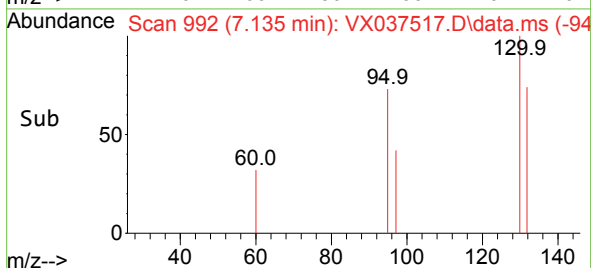
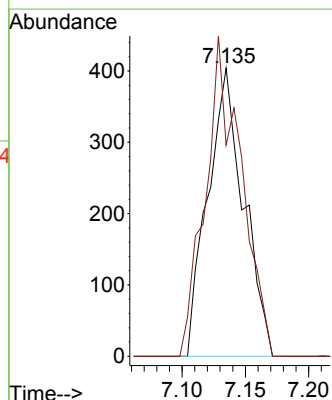
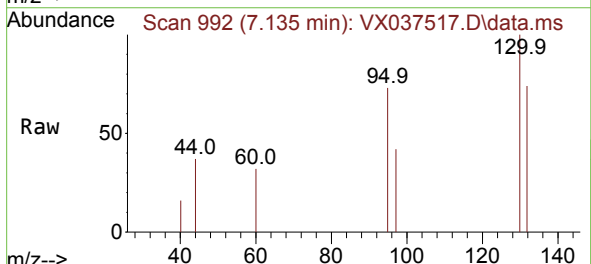


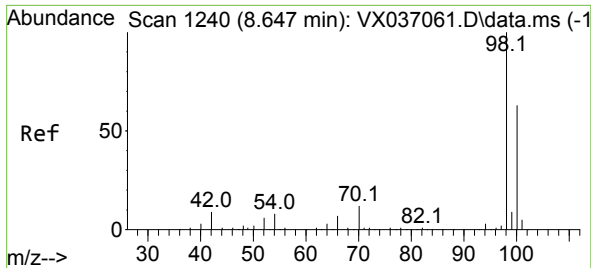
Tgt Ion:117 Resp: 13472
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.487 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037517.D
Acq: 05 Sep 2023 17:12

Tgt Ion:130 Resp: 795
Ion Ratio Lower Upper
130 100
95 73.3 0.0 204.4

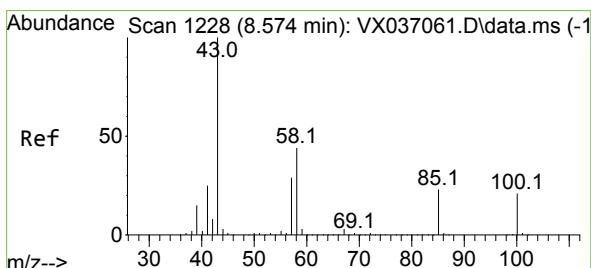
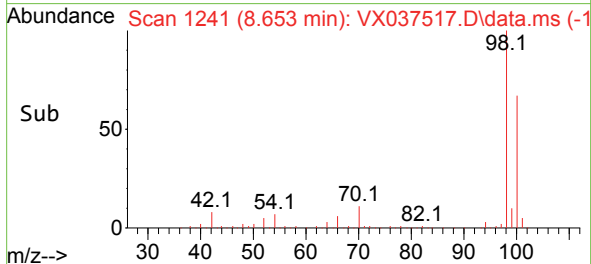
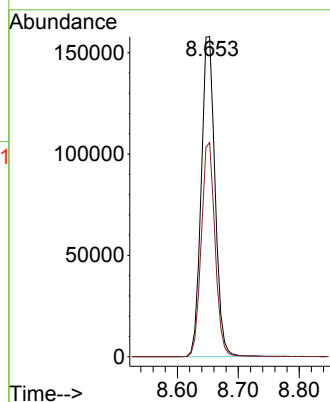
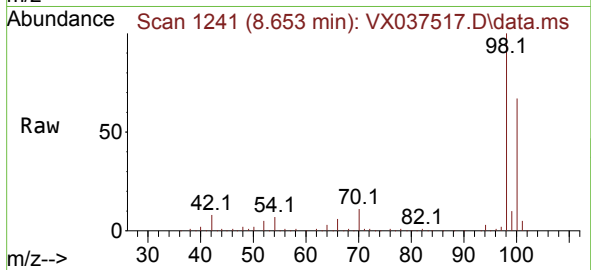




#50
Toluene-d8
Concen: 48.746 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037517.D
Acq: 05 Sep 2023 17:12

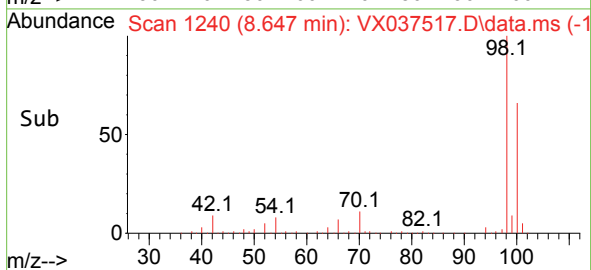
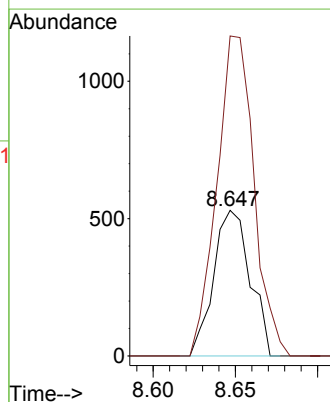
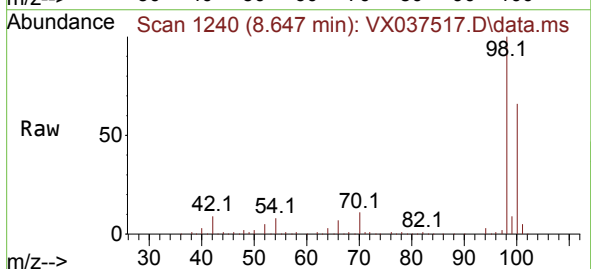
Instrument :
MSVOA_X
ClientSampleId :

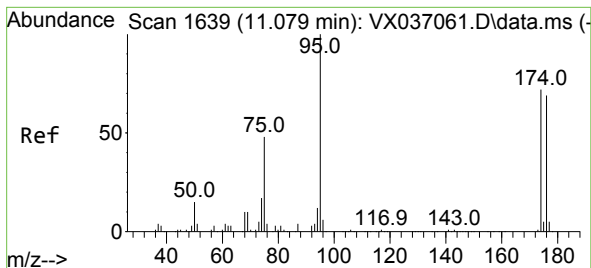
Tgt Ion: 98 Resp: 249737
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.415 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037517.D
Acq: 05 Sep 2023 17:12

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 223.2 30.4 45.6#

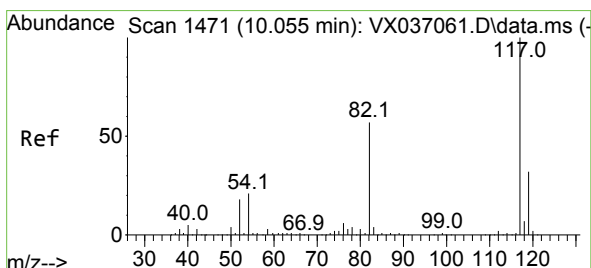
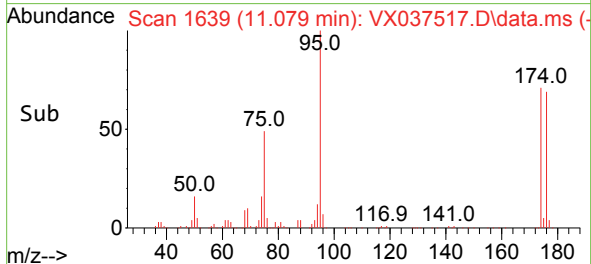
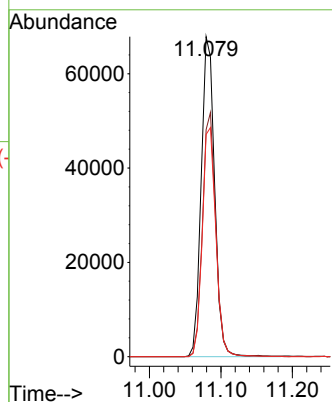
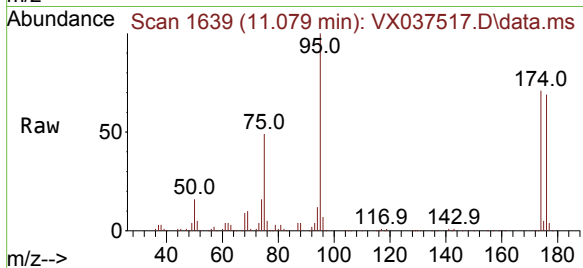




#62
4-Bromofluorobenzene
Concen: 43.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037517.D
Acq: 05 Sep 2023 17:12

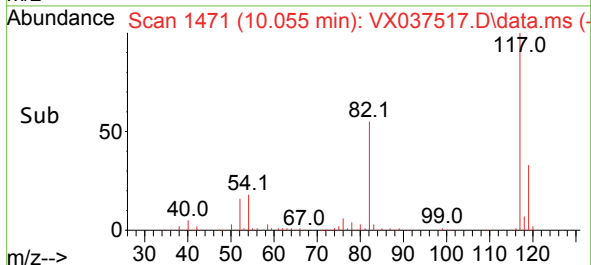
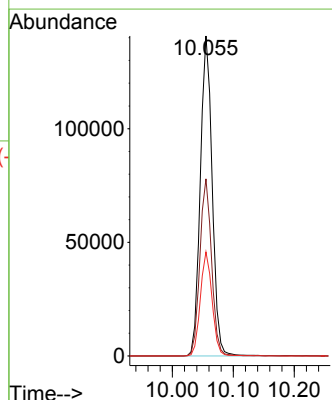
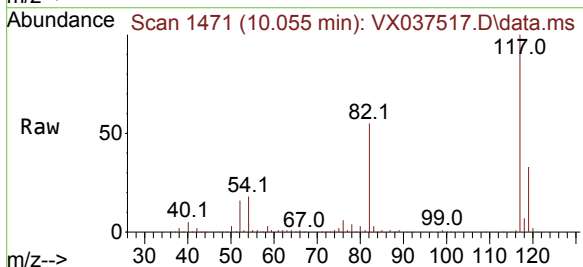
Instrument :
MSVOA_X
ClientSampleId :

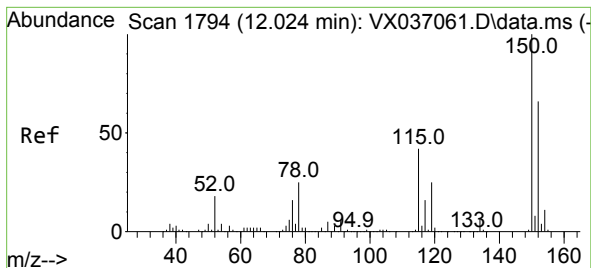
Tgt Ion: 95 Resp: 88351
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 72.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037517.D
Acq: 05 Sep 2023 17:12

Tgt Ion: 117 Resp: 190890
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

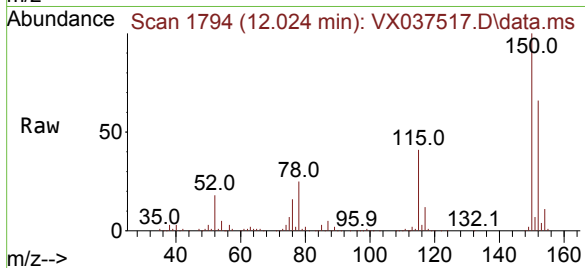
Lab File: VX037517.D

Acq: 05 Sep 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :



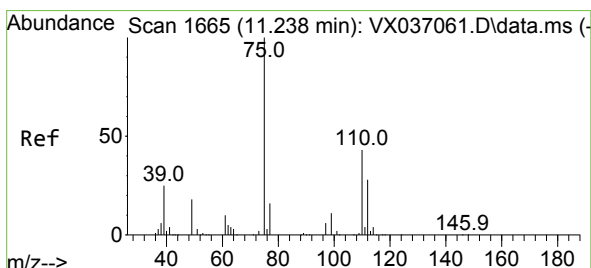
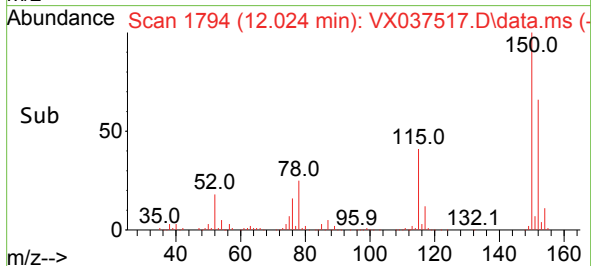
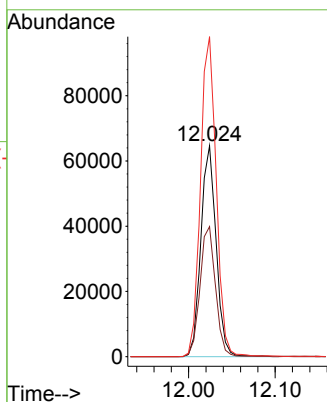
Tgt Ion:152 Resp: 79294

Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.765 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037517.D

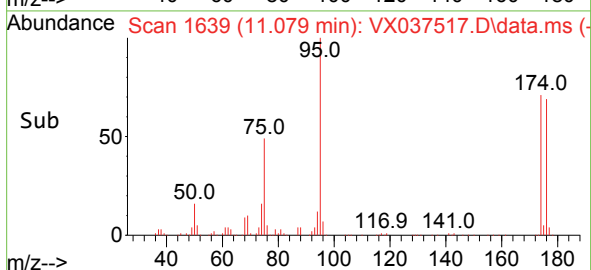
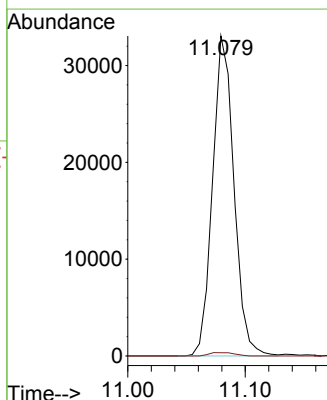
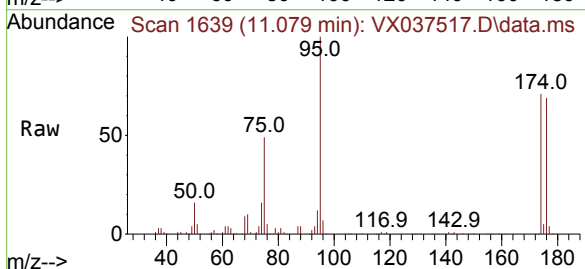
Acq: 05 Sep 2023 17:12

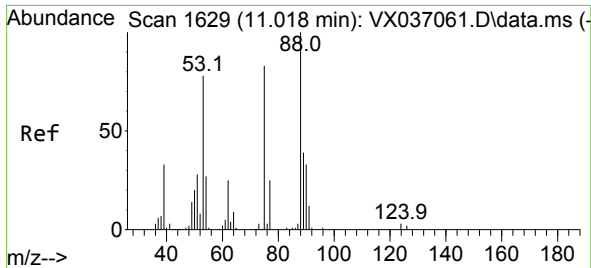
Tgt Ion: 75 Resp: 41821

Ion Ratio Lower Upper

75 100

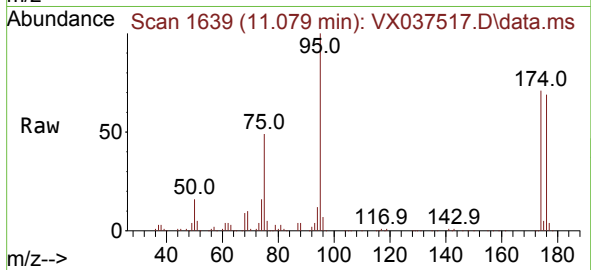
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.170 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037517.D
 Acq: 05 Sep 2023 17:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 41821
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

