

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036657.D
 Acq On : 25 Jul 2023 16:50
 Operator : JC/MD
 Sample : 03750-09 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11I

Quant Time: Jul 26 06:27:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

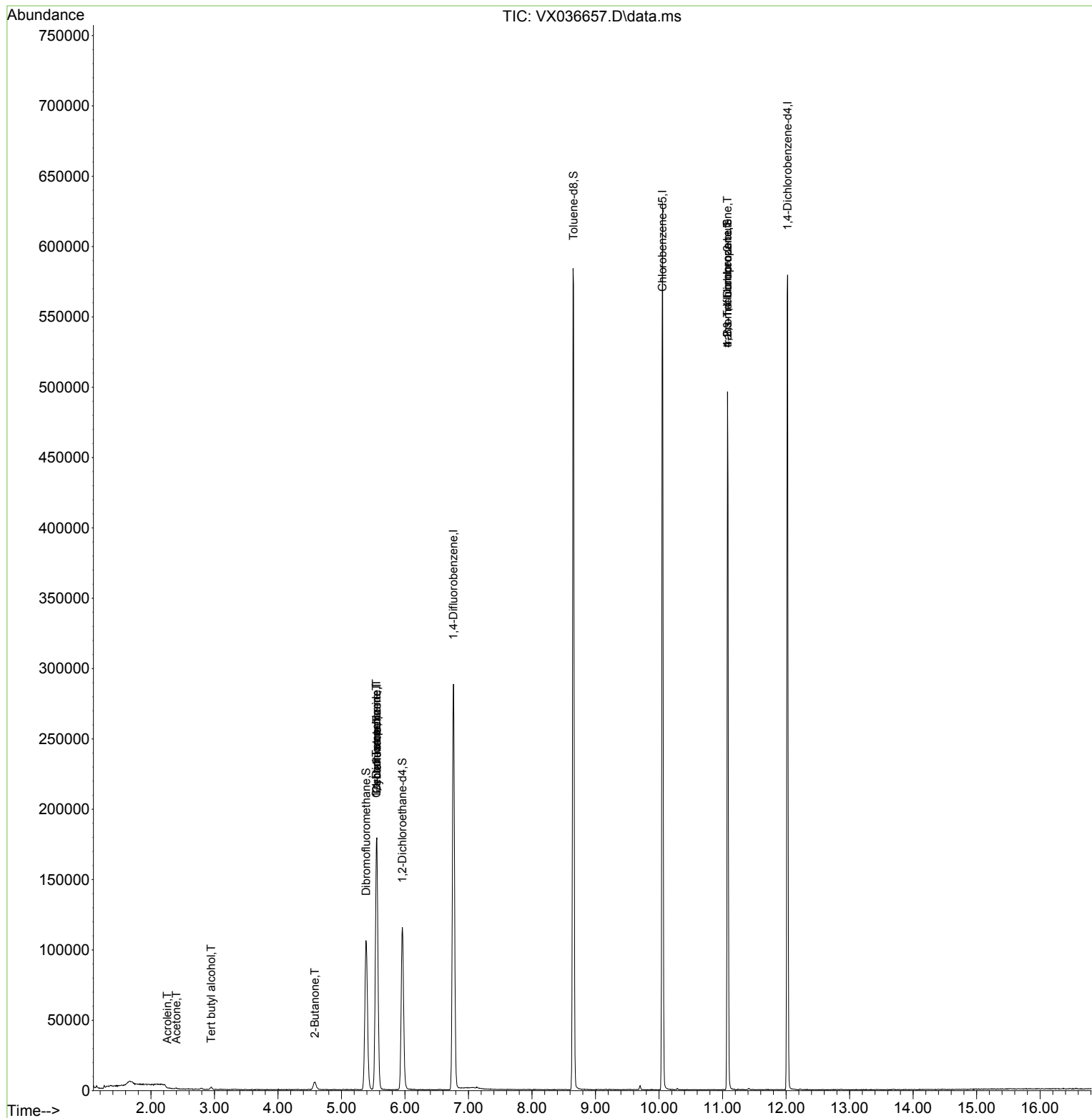
Internal Standards						
1) Pentafluorobenzene	5.556	168	164453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	295480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111413	45.786	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.580%
35) Dibromofluoromethane	5.385	113	93760	46.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	8.653	98	351744	48.838	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	133231	49.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	873	1.515	ug/l #	78
13) Acrolein	2.258	56	129	0.392	ug/l #	14
16) Acetone	2.398	43	832	0.824	ug/l #	56
25) 2-Butanone	4.581	43	475	0.290	ug/l #	51
31) Cyclohexane	5.556	56	3666	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13356	4.412	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17574	5.461	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	69306	24.695	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	69306	55.972	ug/l #	5

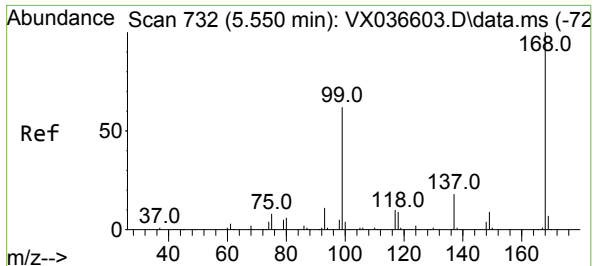
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
Data File : VX036657.D
Acq On : 25 Jul 2023 16:50
Operator : JC/MD
Sample : 03750-09 1000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

Quant Time: Jul 26 06:27:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

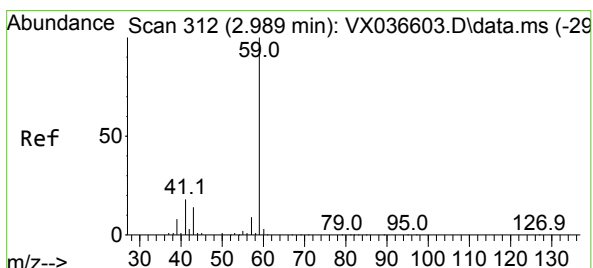
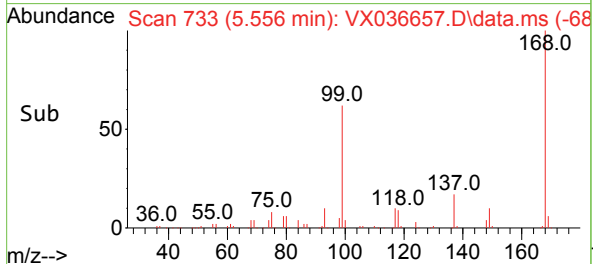
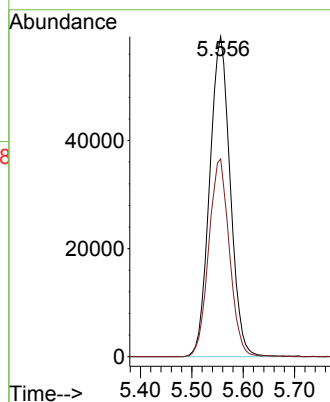
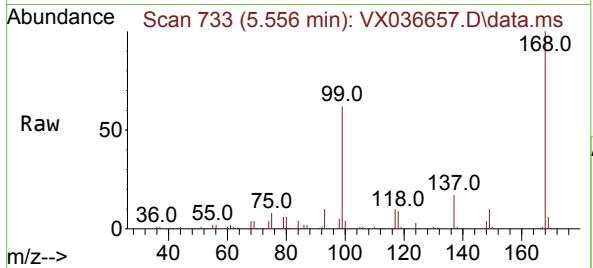




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

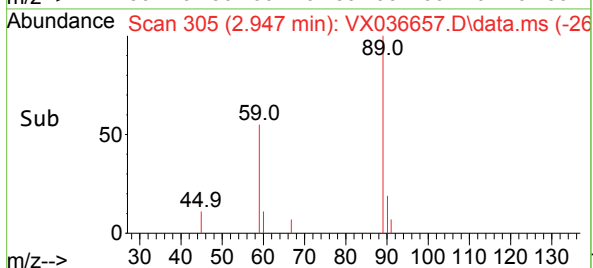
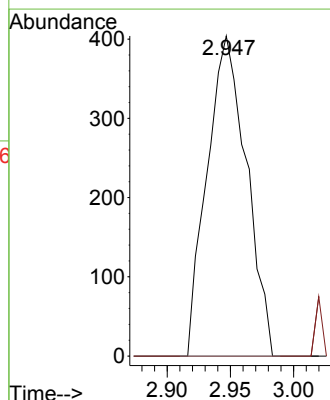
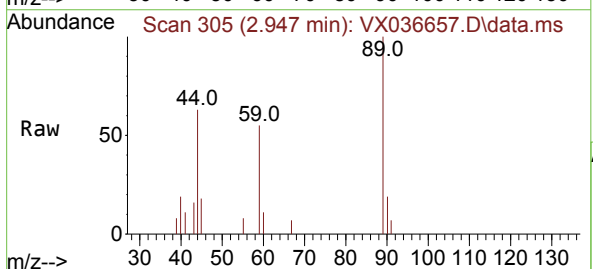
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

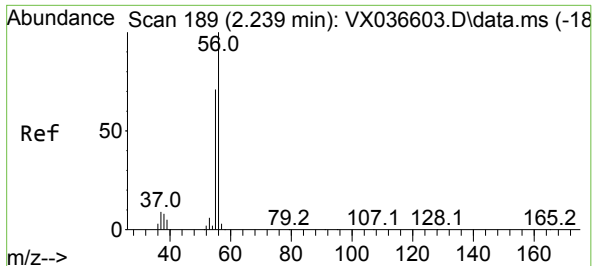
Tgt Ion:168 Resp: 164453
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.515 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

Tgt Ion: 59 Resp: 873
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

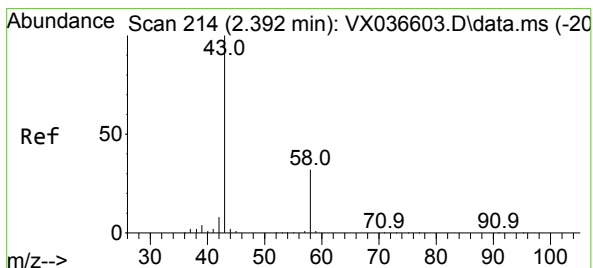
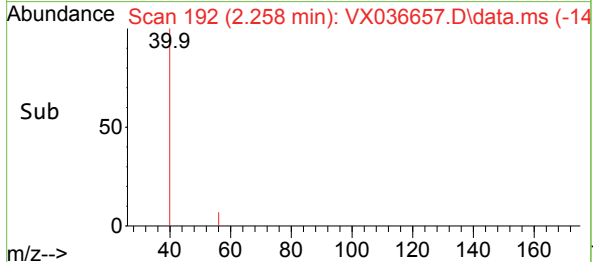
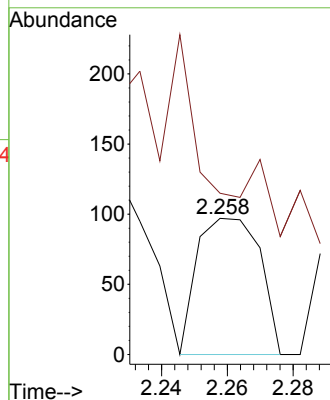
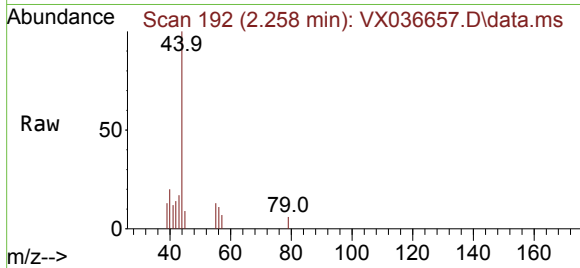




#13
Acrolein
Concen: 0.392 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.018 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

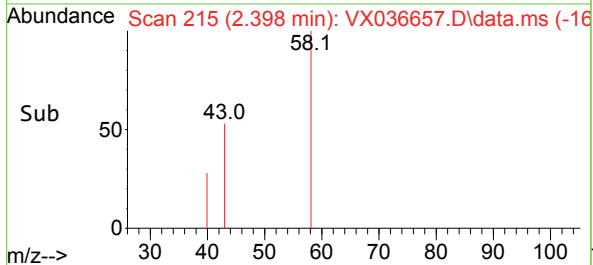
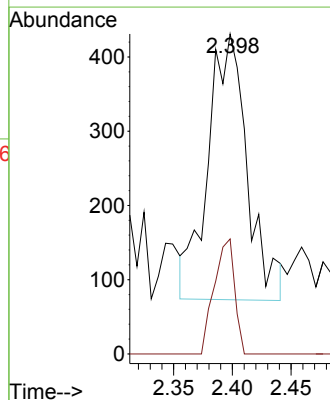
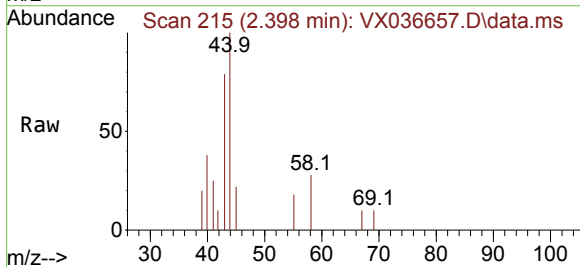
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

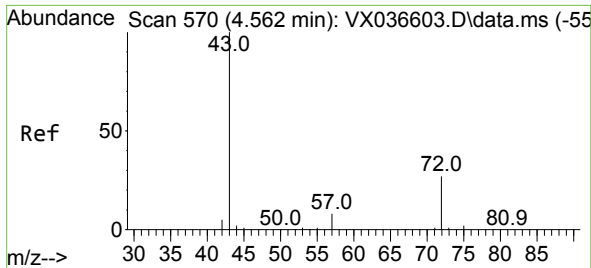
Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.824 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 50.2 21.9 32.9#

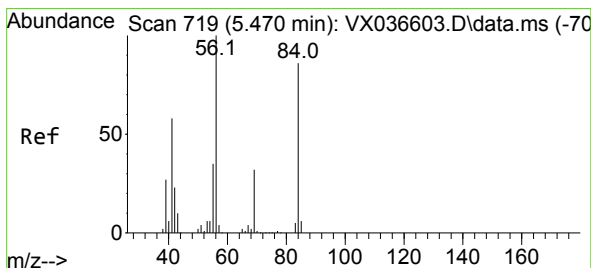
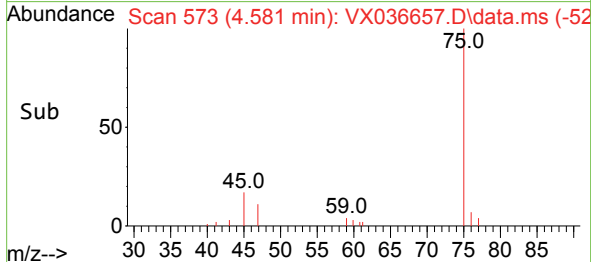
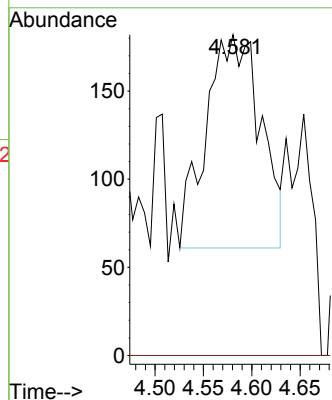
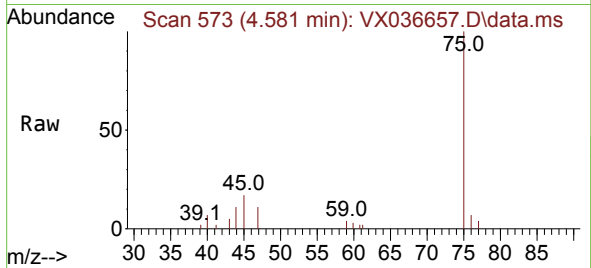




#25
2-Butanone
Concen: 0.290 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

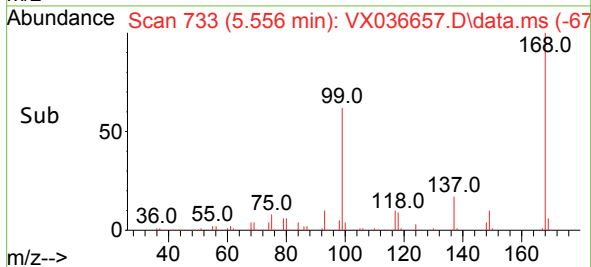
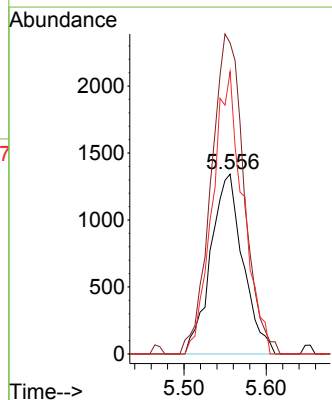
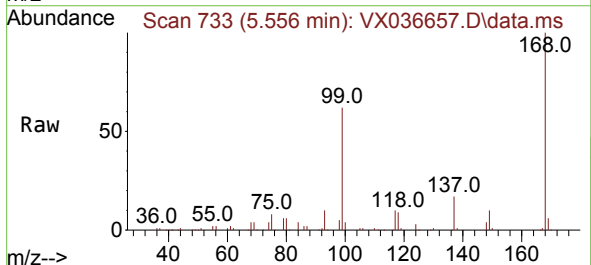
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

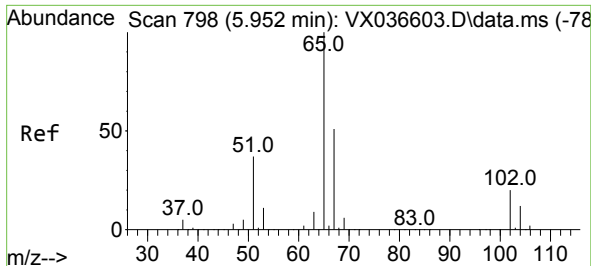
Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

Tgt Ion: 56 Resp: 3666
Ion Ratio Lower Upper
56 100
69 172.9 23.4 35.2#
84 157.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.786 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036657.D

Acq: 25 Jul 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

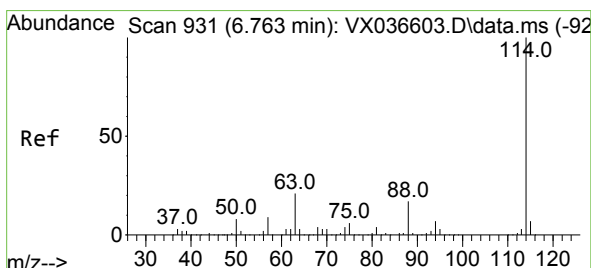
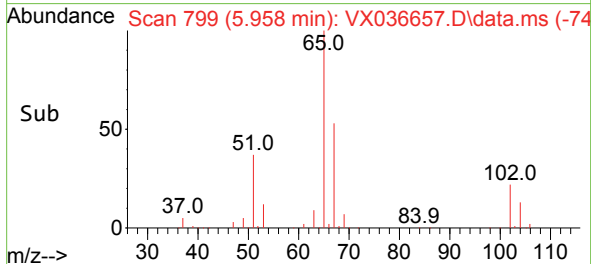
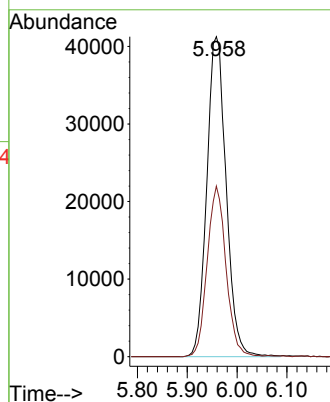
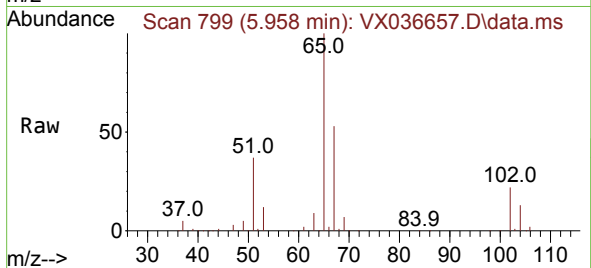
LEA-11I

Tgt Ion: 65 Resp: 111413

Ion Ratio Lower Upper

65 100

67 51.8 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: VX036657.D

Acq: 25 Jul 2023 16:50

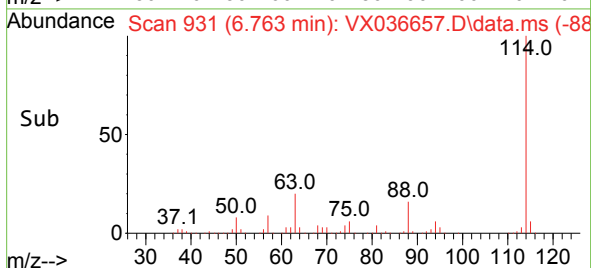
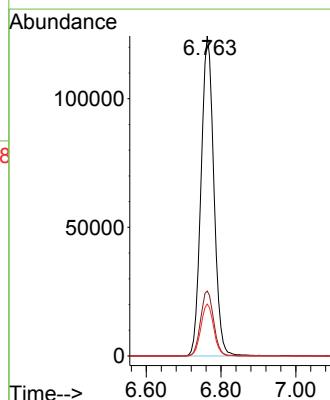
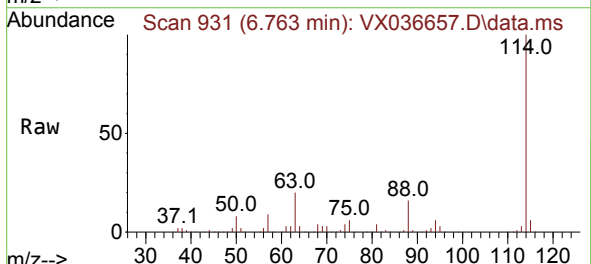
Tgt Ion: 114 Resp: 295480

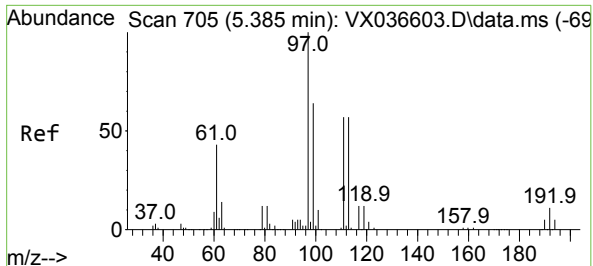
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.2 0.0 36.6

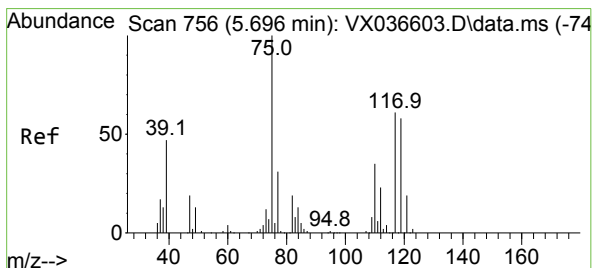
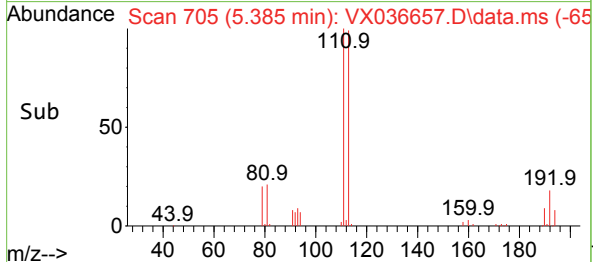
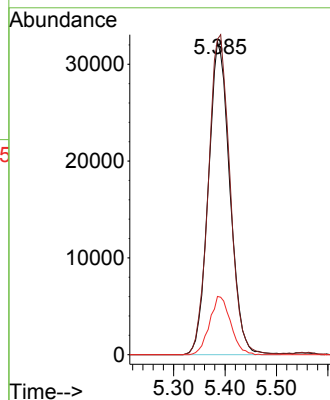
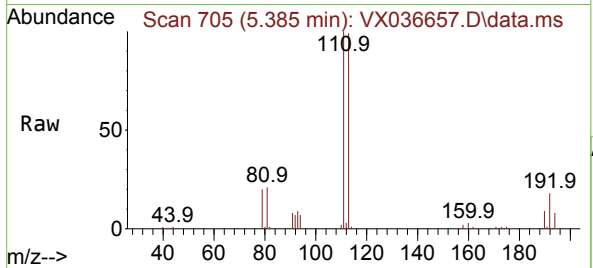




#35
Dibromofluoromethane
Concen: 46.165 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

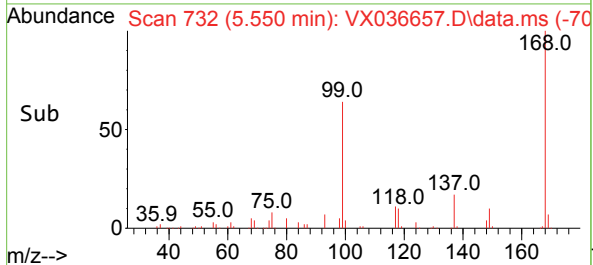
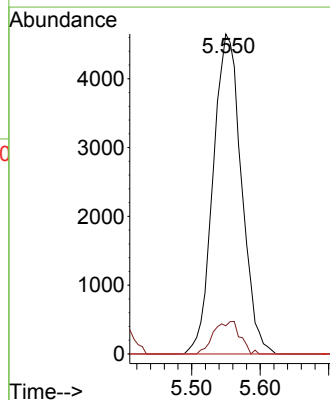
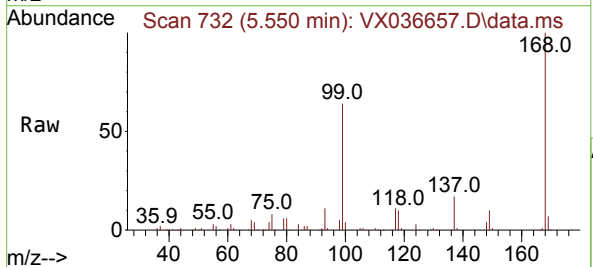
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

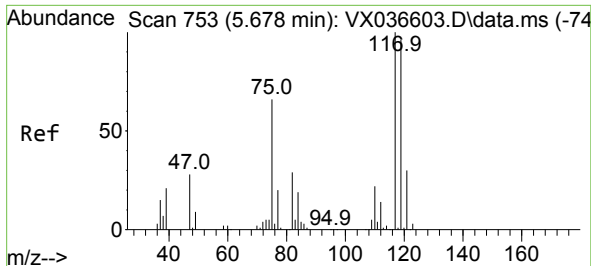
Tgt Ion:113 Resp: 93760
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

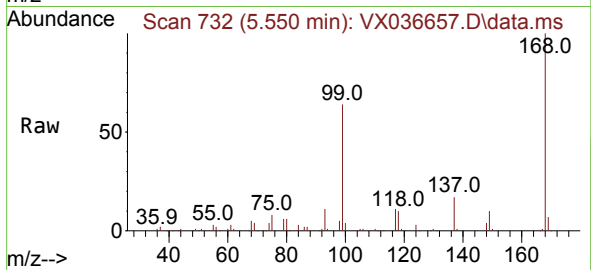
Tgt Ion: 75 Resp: 13356
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



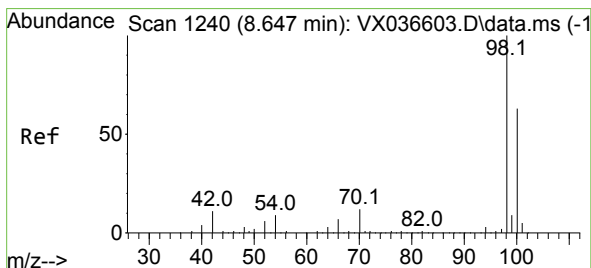
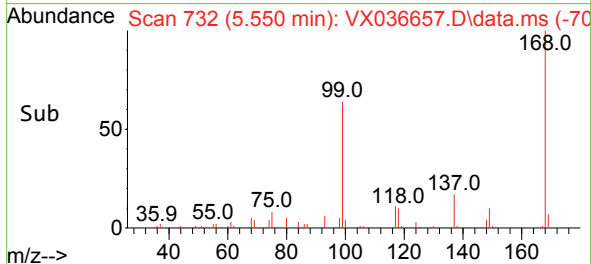
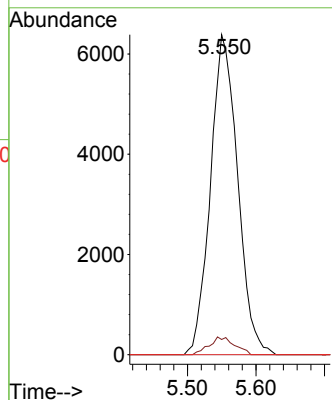


#38
Carbon Tetrachloride
Concen: 5.461 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

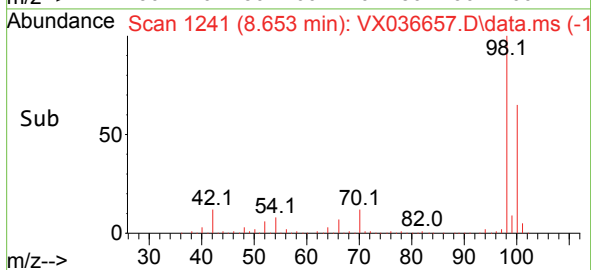
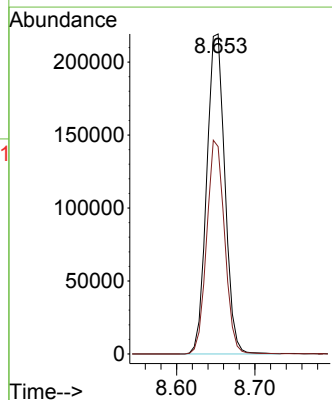
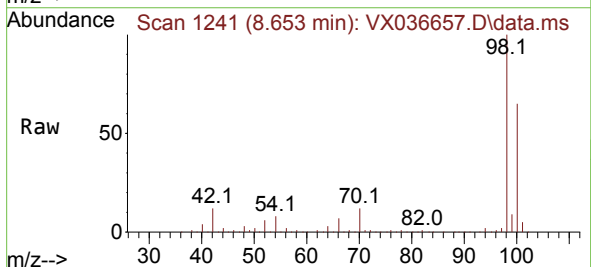


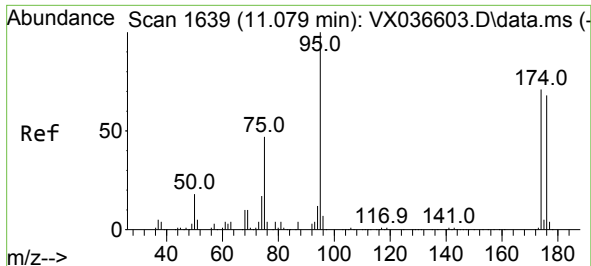
Tgt Ion:117 Resp: 17574
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.838 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

Tgt Ion: 98 Resp: 351744
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

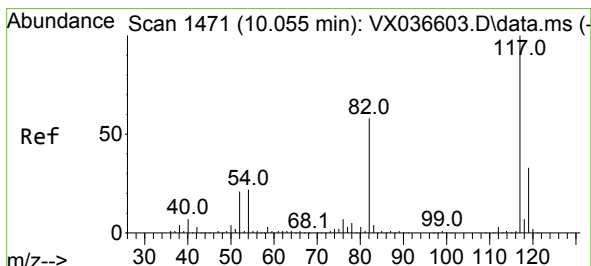
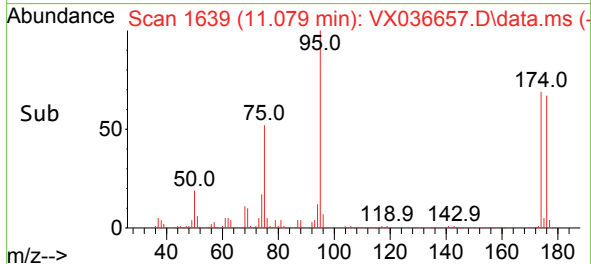
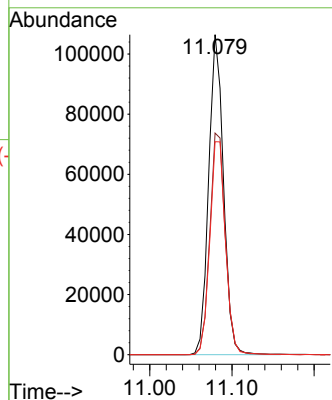
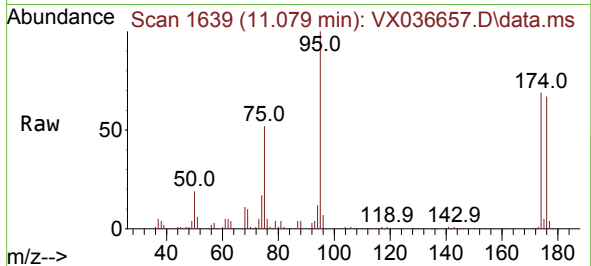




#62
4-Bromofluorobenzene
Concen: 49.031 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

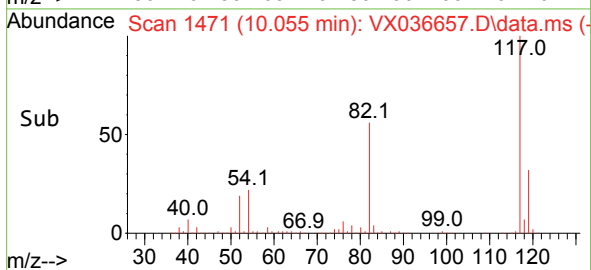
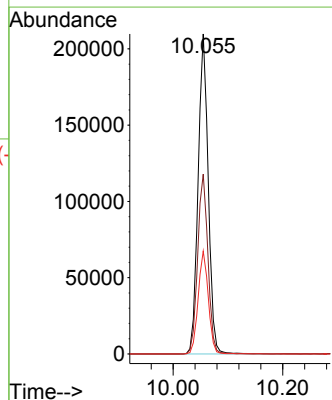
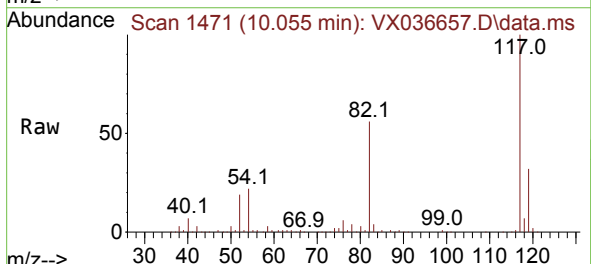
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

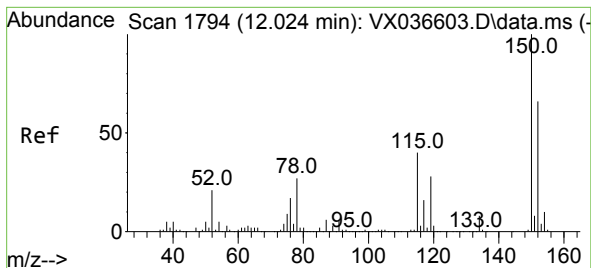
Tgt Ion: 95 Resp: 133231
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036657.D
Acq: 25 Jul 2023 16:50

Tgt Ion: 117 Resp: 270771
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.2 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: VX036657.D

Acq: 25 Jul 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

LEA-11I

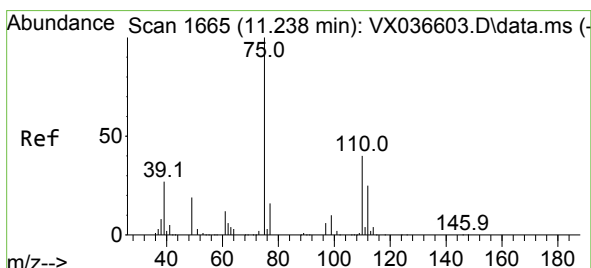
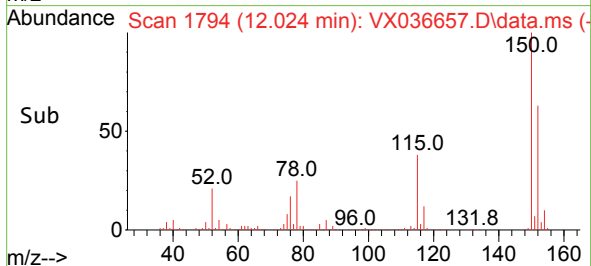
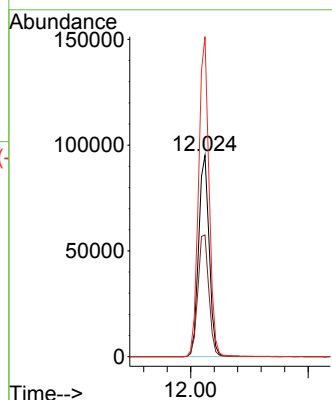
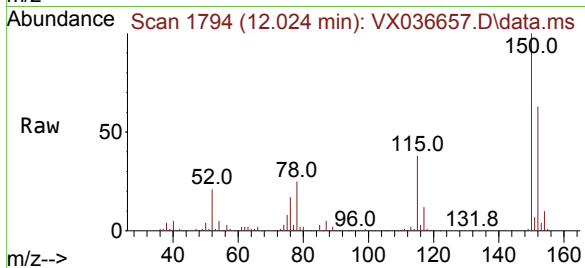
Tgt Ion:152 Resp: 119318

Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.695 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036657.D

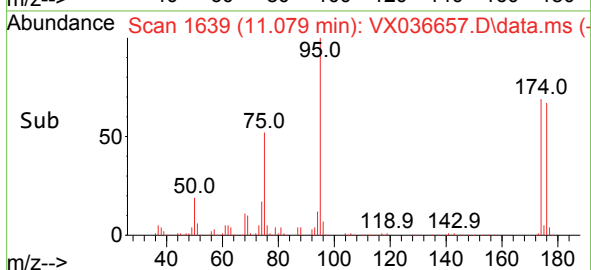
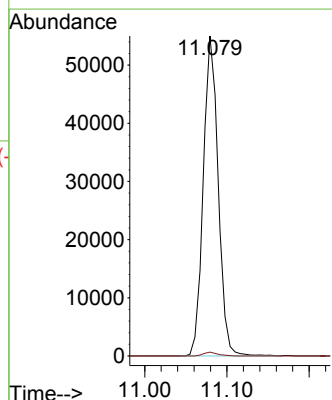
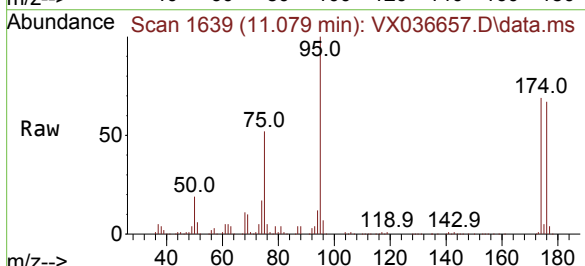
Acq: 25 Jul 2023 16:50

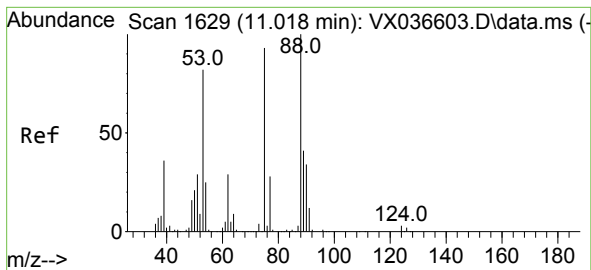
Tgt Ion: 75 Resp: 69306

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.972 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036657.D
 Acq: 25 Jul 2023 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11I

Tgt Ion: 75 Resp: 69306
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

