

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\Not Reviewed Data\
 Data File : VL040099.D
 Acq On : 16 Jan 2023 15:50
 Operator : SY/MD
 Sample : VL0116ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABL01

Quant Time: Jan 17 05:56:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

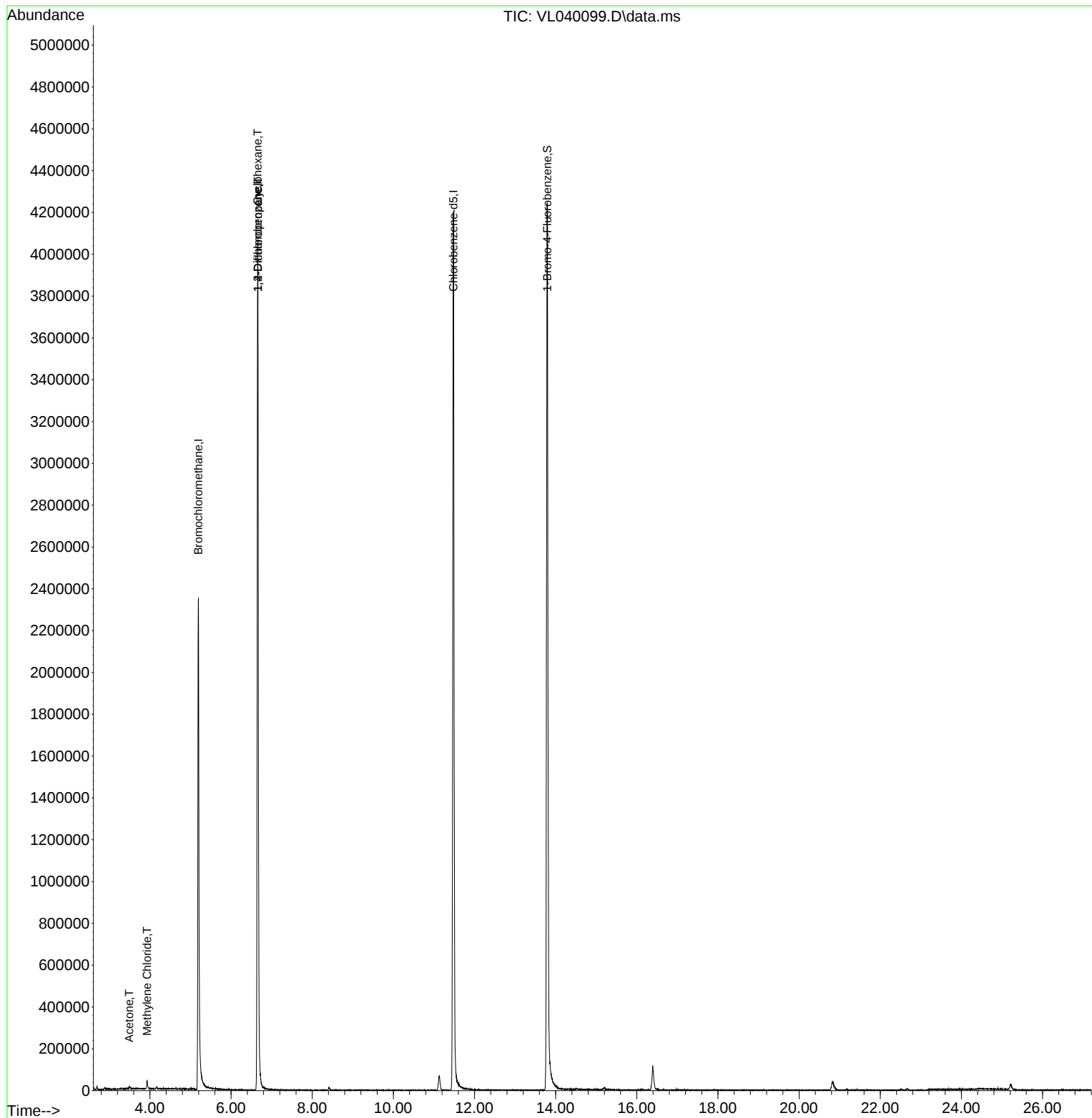
Internal Standards						
1) Bromochloromethane	5.192	49	1198228	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3103592	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2760266	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2206370	9.618	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
					Qvalue	
15) Acetone	3.488	43	7803	0.054	ppbv #	53
20) Methylene Chloride	3.931	84	11911	0.188	ppbv #	90
30) Cyclohexane	6.655	84	4813	0.055	ppbv #	1
39) 1,2-Dichloropropane	6.658	63	783131	8.717	ppbv #	23

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

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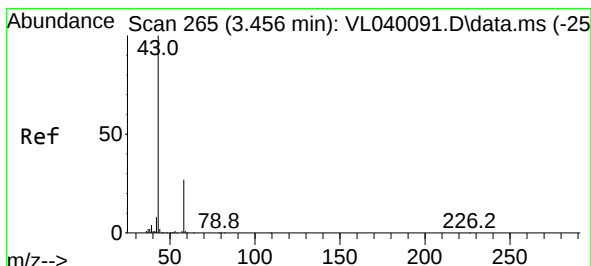
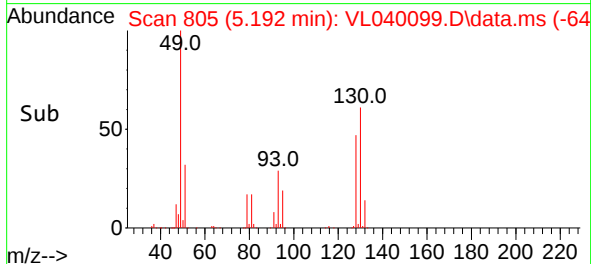
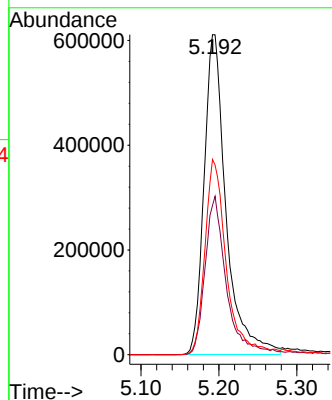
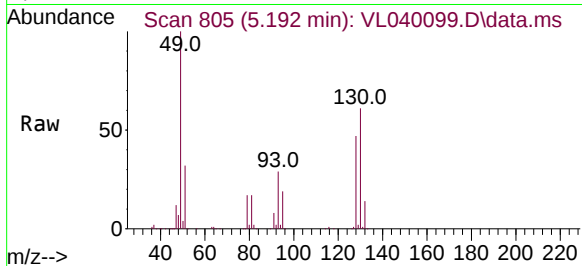




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

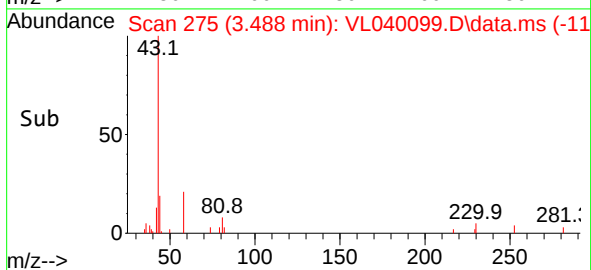
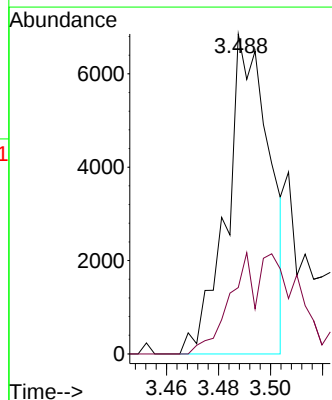
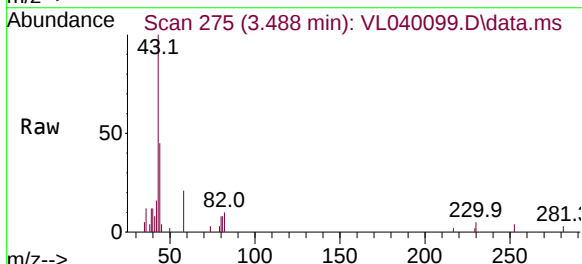
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABL01

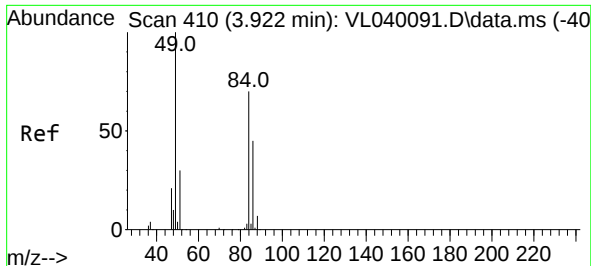
Tgt Ion: 49 Resp: 1198228
Ion Ratio Lower Upper
49 100
128 49.3 23.6 71.0
130 61.9 29.8 89.3



#15
Acetone
Concen: 0.054 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.032 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

Tgt Ion: 43 Resp: 7803
Ion Ratio Lower Upper
43 100
58 51.9 21.8 32.8#

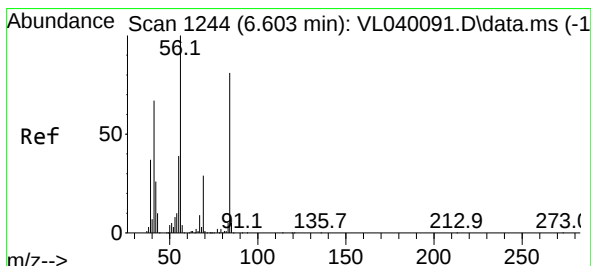
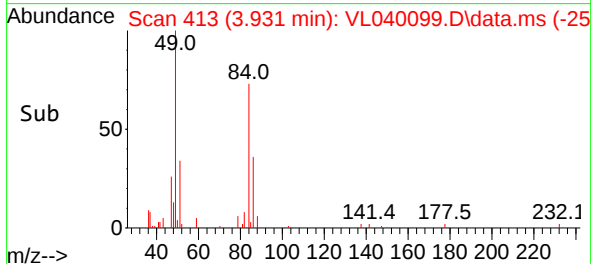
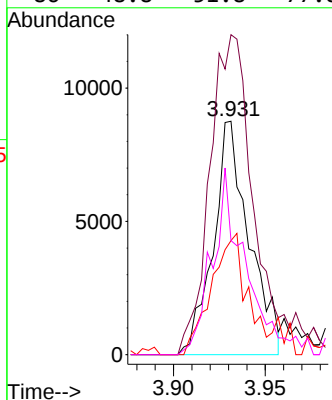
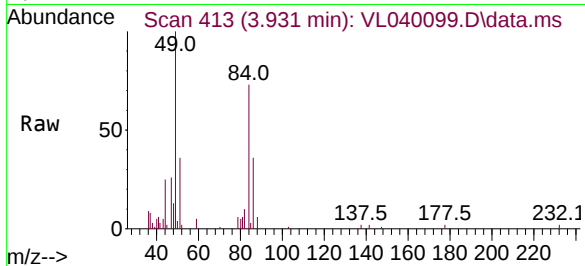




#20
Methylene Chloride
Concen: 0.188 ppbv
RT: 3.931 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

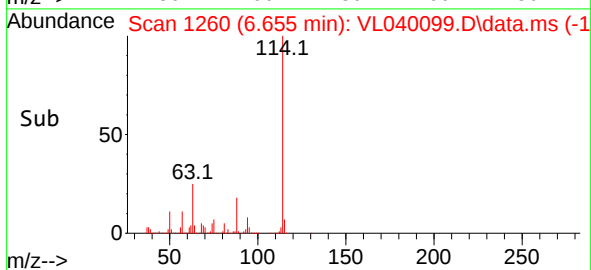
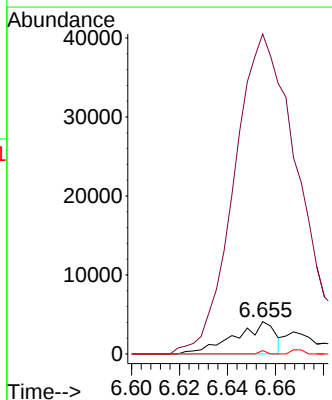
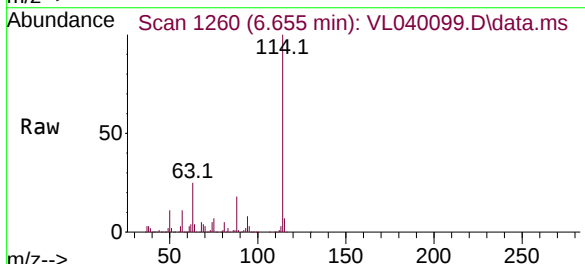
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABL01

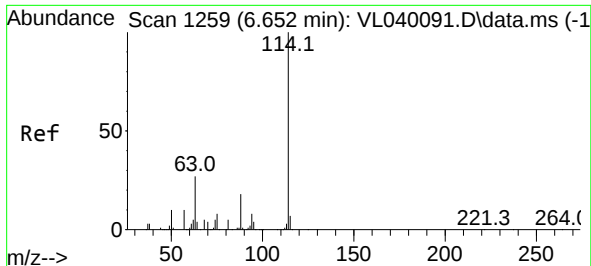
Tgt Ion: 84 Resp: 11911
Ion Ratio Lower Upper
84 100
49 137.1 114.6 171.8
51 48.9 34.3 51.5
86 48.8 51.8 77.8#



#30
Cyclohexane
Concen: 0.055 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.051 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

Tgt Ion: 84 Resp: 4813
Ion Ratio Lower Upper
84 100
56 1672.0 111.5 167.3#
41 1.8 71.4 107.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VL040099.D

Acq: 16 Jan 2023 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABL01

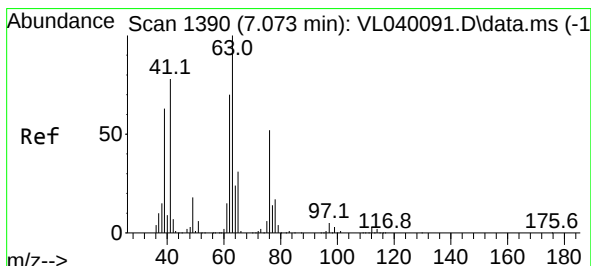
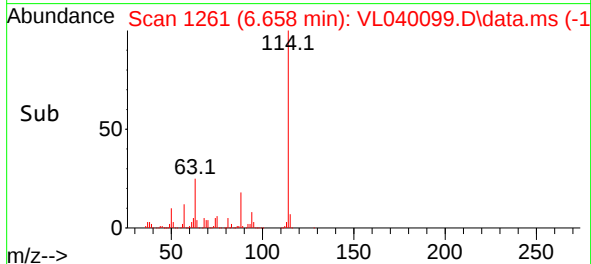
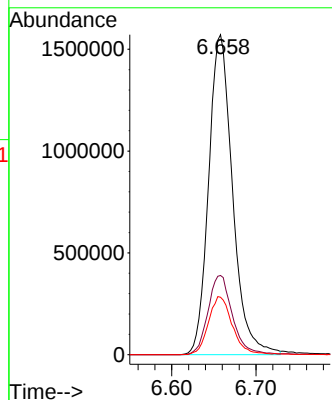
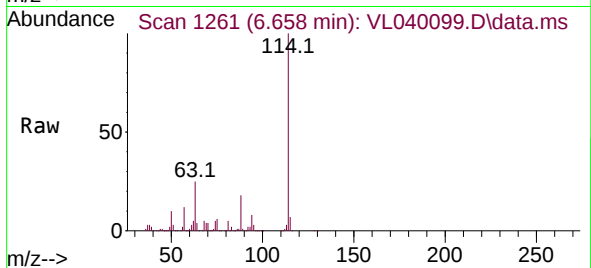
Tgt Ion:114 Resp: 3103592

Ion Ratio Lower Upper

114 100

63 25.5 21.8 32.8

88 18.3 14.8 22.2



#39

1,2-Dichloropropane

Concen: 8.717 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. -0.415 min

Lab File: VL040099.D

Acq: 16 Jan 2023 15:50

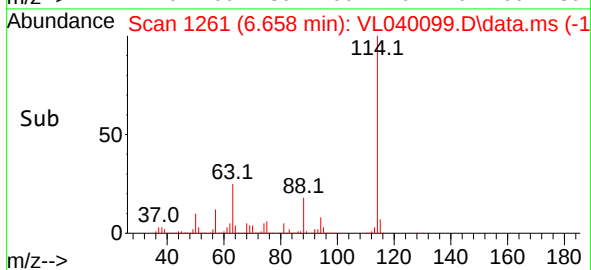
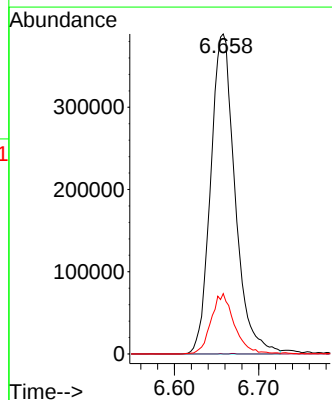
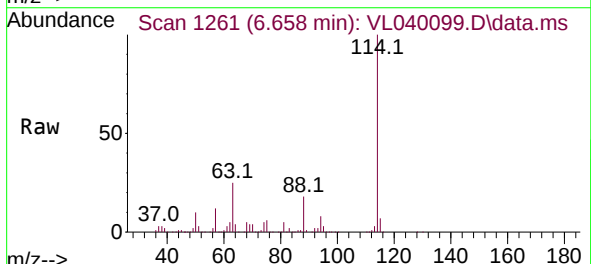
Tgt Ion: 63 Resp: 783131

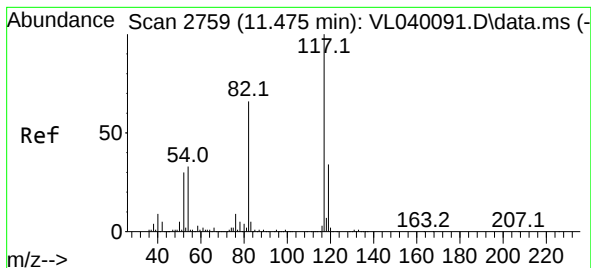
Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 18.9 55.8 83.8#

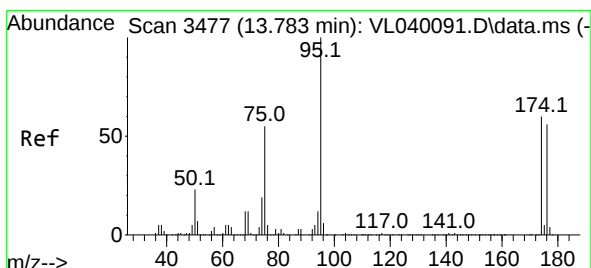
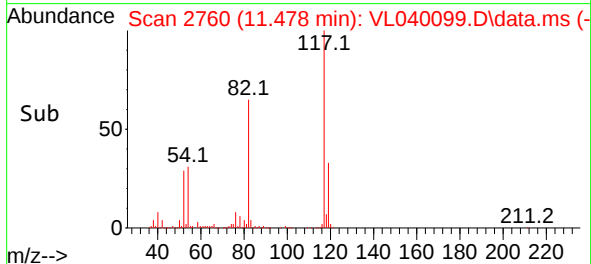
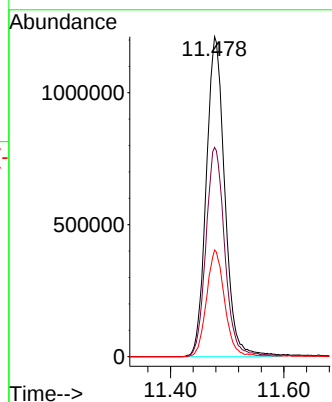
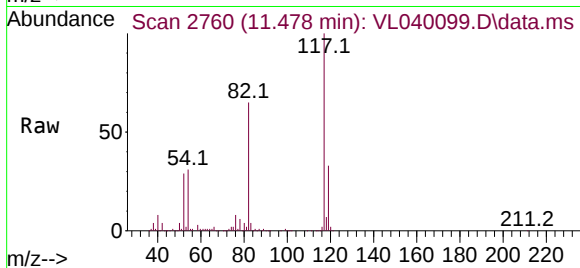




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

Instrument :
MSVOA_1
ClientSampleId :
VL0116ABL01

Tgt Ion:117 Resp: 2760266
Ion Ratio Lower Upper
117 100
82 66.9 54.4 81.6
119 33.2 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.618 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.010 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

Tgt Ion: 95 Resp: 2206370
Ion Ratio Lower Upper
95 100
174 61.1 47.7 71.5
175 4.3 3.4 5.2

