

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039559.D
 Acq On : 18 Aug 2022 14:54
 Operator : SY/AP
 Sample : VL0818ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 03:02:00 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

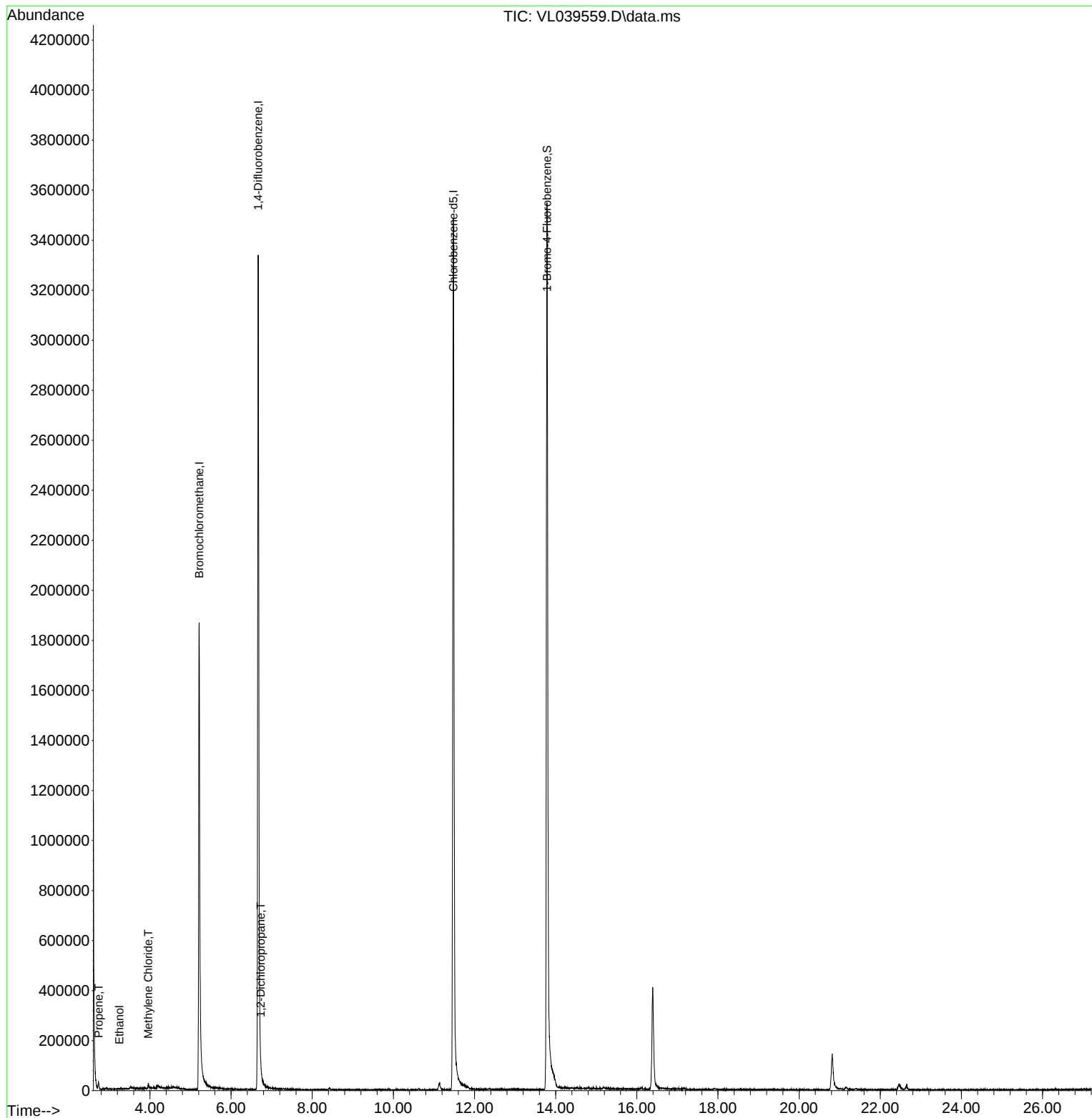
Internal Standards						
1) Bromochloromethane	5.214	49	1046214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2689338	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2344788	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1735132	9.830	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
					Qvalue	
9) Propene	2.735	41	7464	0.131	ppbv	85
13) Ethanol	3.250	45	132	0.032	ppbv #	29
20) Methylene Chloride	3.957	84	3320	0.069	ppbv #	87
39) 1,2-Dichloropropane	6.732	63	7536	0.098	ppbv #	22

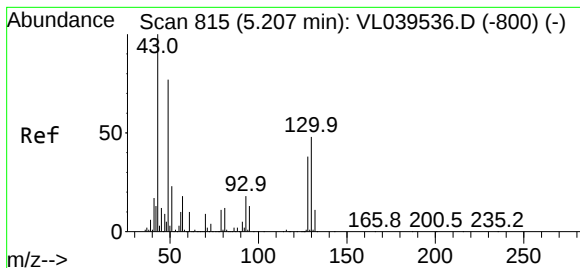
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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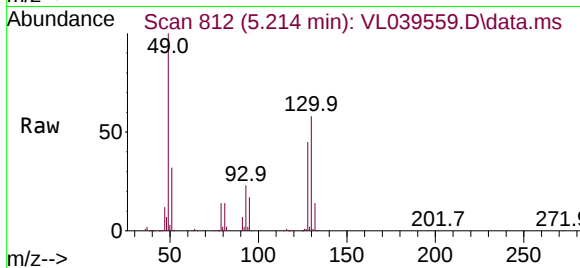
Quant Time: Aug 19 03:02:00 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
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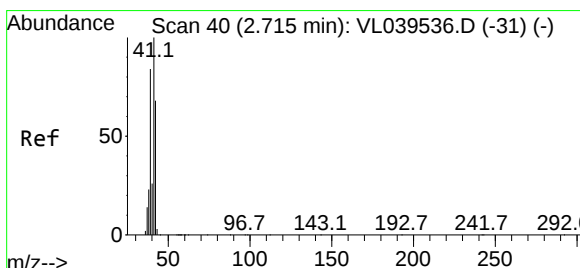
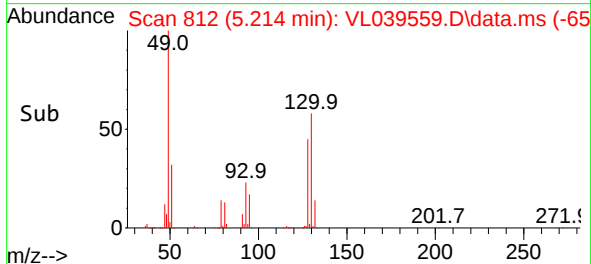
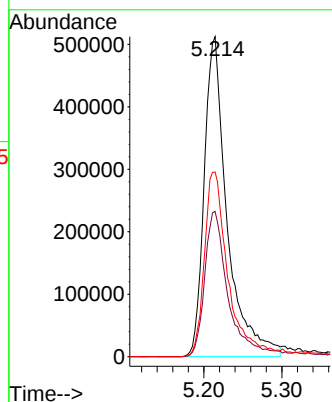
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL039559.D
 Acq: 18 Aug 2022 14:54

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 49 Resp: 1046214

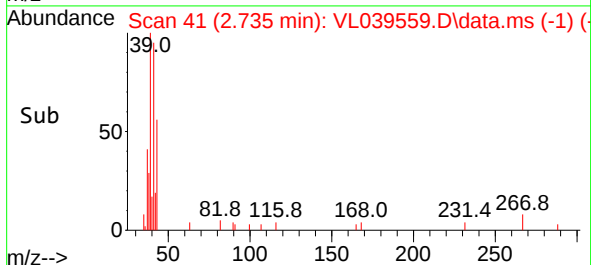
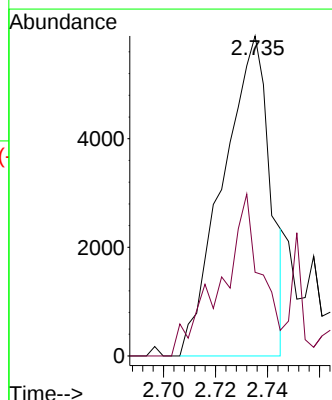
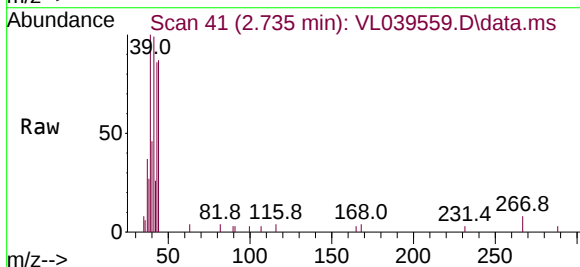
Ion	Ratio	Lower	Upper
49	100		
128	48.8	25.7	77.0
130	62.2	31.6	95.0

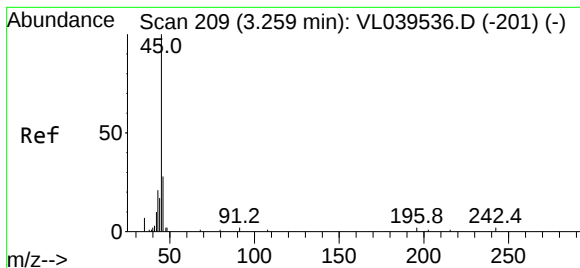


#9
 Propene
 Concen: 0.131 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. 0.020 min
 Lab File: VL039559.D
 Acq: 18 Aug 2022 14:54

Tgt Ion: 41 Resp: 7464

Ion	Ratio	Lower	Upper
41	100		
42	56.8	55.4	83.0





#13

Ethanol

Concen: 0.032 ppbv

RT: 3.250 min Scan# 209

Delta R.T. -0.009 min

Lab File: VL039559.D

Acq: 18 Aug 2022 14:54

Instrument :

MSVOA_L

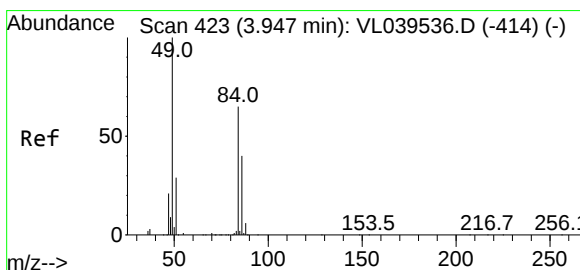
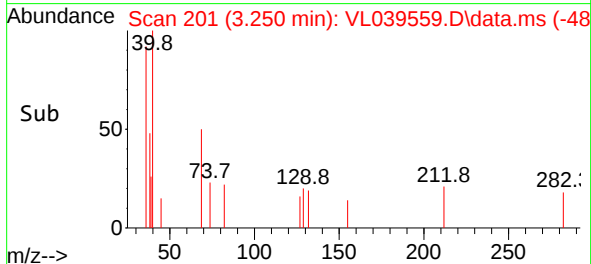
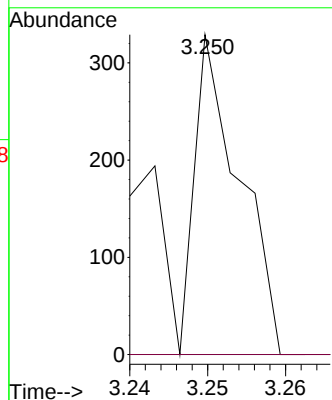
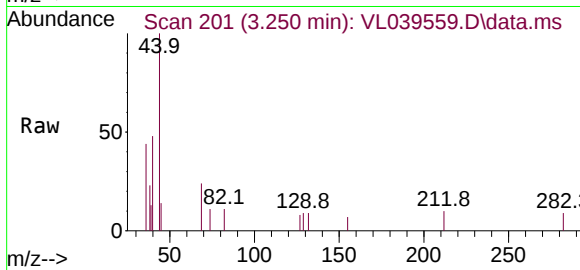
ClientSampleId :

Tgt Ion: 45 Resp: 132

Ion Ratio Lower Upper

45 100

46 0.0 19.3 77.1#



#20

Methylene Chloride

Concen: 0.069 ppbv

RT: 3.957 min Scan# 421

Delta R.T. 0.010 min

Lab File: VL039559.D

Acq: 18 Aug 2022 14:54

Tgt Ion: 84 Resp: 3320

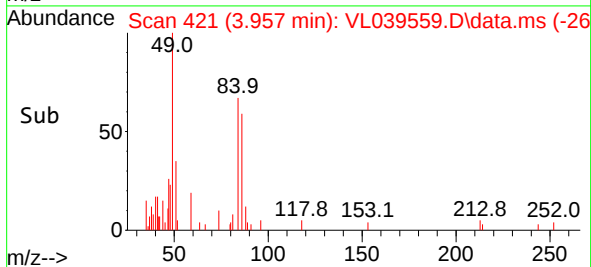
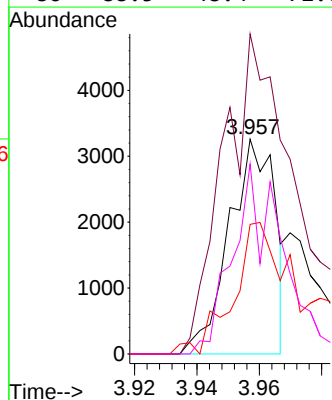
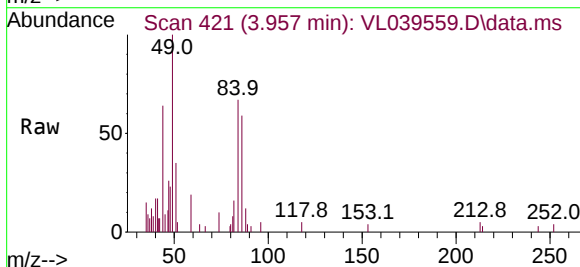
Ion Ratio Lower Upper

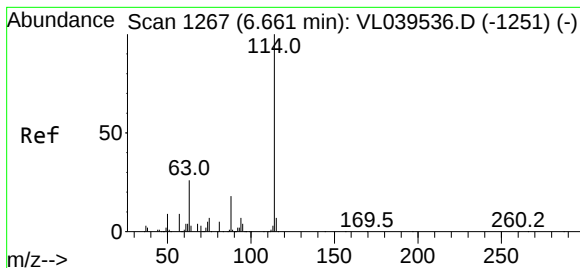
84 100

49 149.0 122.2 183.4

51 55.7 35.8 53.6#

86 88.5 48.4 72.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039559.D

Acq: 18 Aug 2022 14:54

Instrument :

MSVOA_L

ClientSampleId :

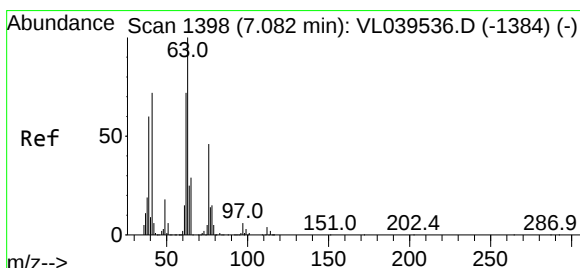
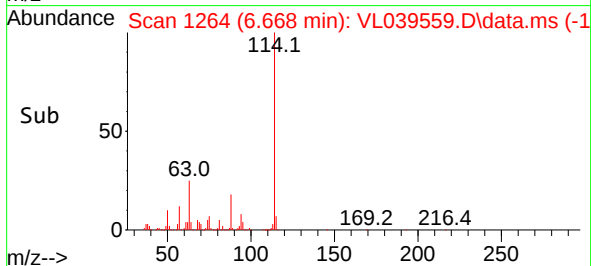
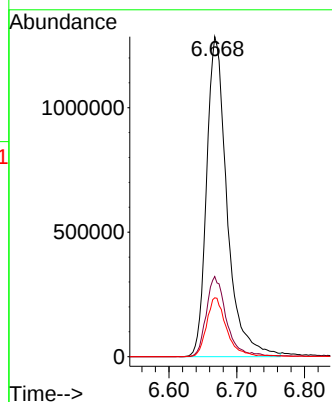
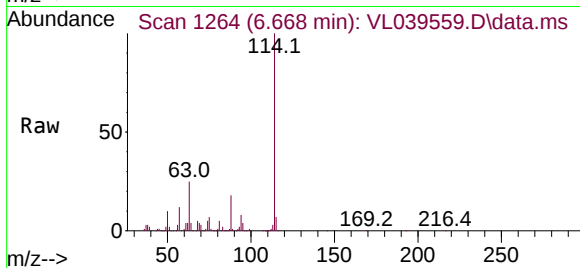
Tgt Ion:114 Resp: 2689338

Ion Ratio Lower Upper

114 100

63 25.0 20.6 31.0

88 18.4 14.6 22.0



#39

1,2-Dichloropropane

Concen: 0.098 ppbv

RT: 6.732 min Scan# 1284

Delta R.T. -0.350 min

Lab File: VL039559.D

Acq: 18 Aug 2022 14:54

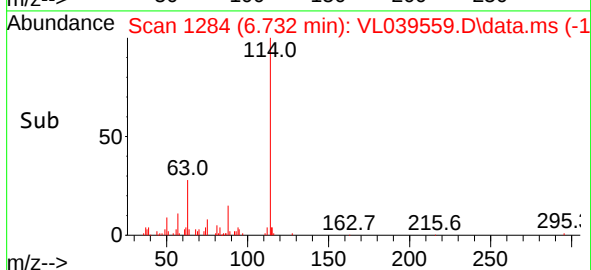
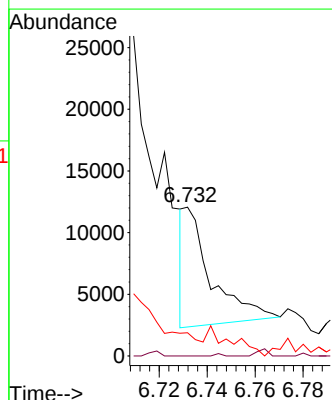
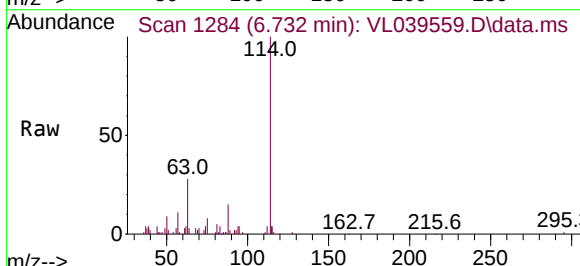
Tgt Ion: 63 Resp: 7536

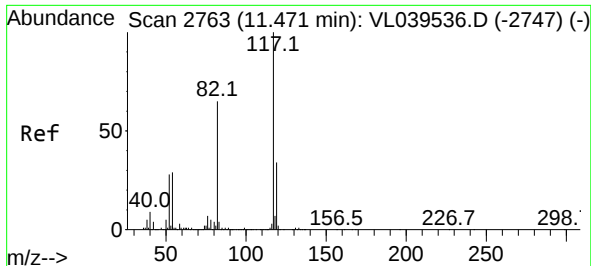
Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

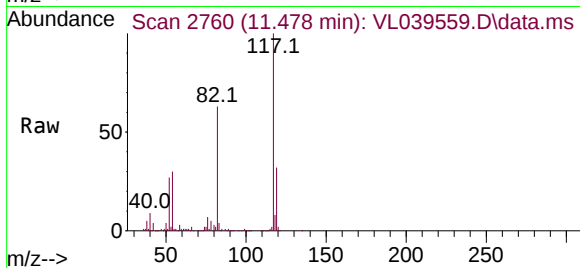
62 15.1 57.8 86.8#





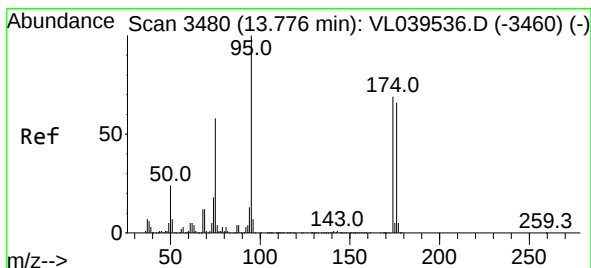
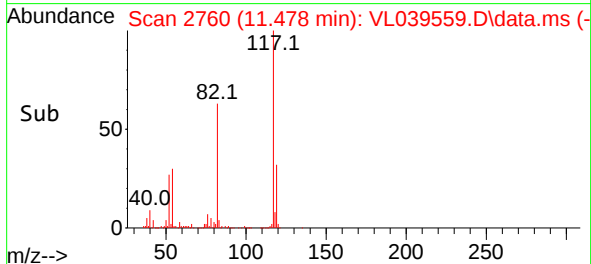
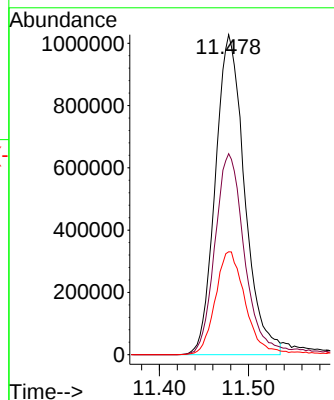
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039559.D
Acq: 18 Aug 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 2344788

Ion	Ratio	Lower	Upper
117	100		
82	66.1	49.1	73.7
119	33.9	25.9	38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.830 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.013 min
Lab File: VL039559.D
Acq: 18 Aug 2022 14:54

Tgt Ion: 95 Resp: 1735132

Ion	Ratio	Lower	Upper
95	100		
174	75.4	56.3	84.5
175	5.4	4.3	6.5

