

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039566.D
 Acq On : 18 Aug 2022 19:43
 Operator : SY/AP
 Sample : QC081622 CAN 10283
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 03:04:31 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)

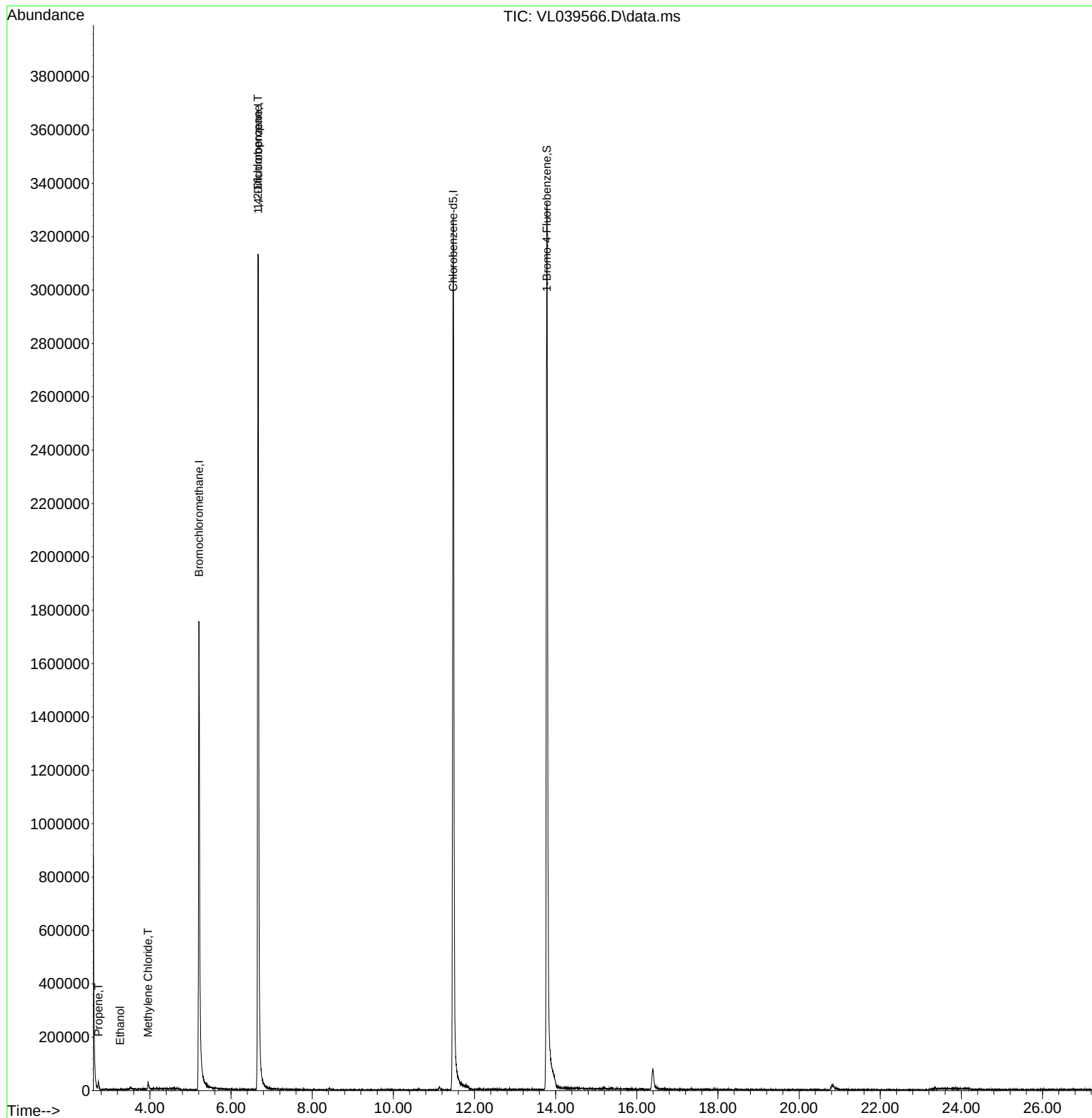
Internal Standards						
1) Bromochloromethane	5.208	49	922689	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2453268	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2189604	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1640047	9.950	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
9) Propene	2.729	41	8311	0.165	ppbv	85
13) Ethanol	3.263	45	122	0.034	ppbv #	29
20) Methylene Chloride	3.954	84	5624	0.133	ppbv #	91
39) 1,2-Dichloropropane	6.664	63	602379	8.596	ppbv #	24

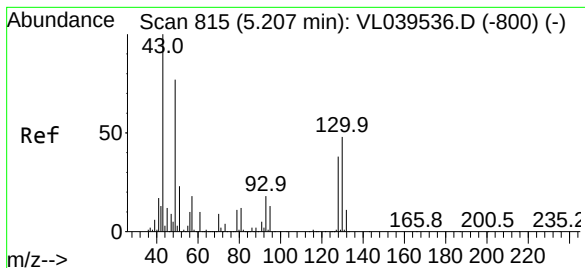
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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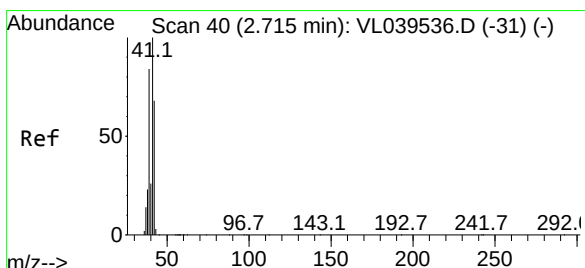
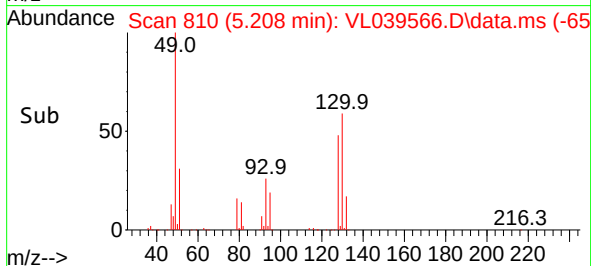
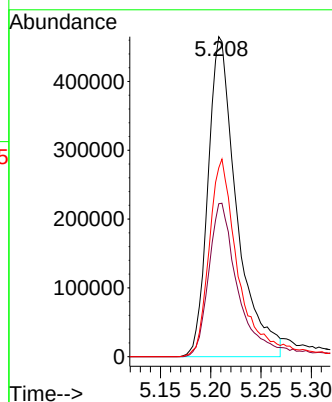
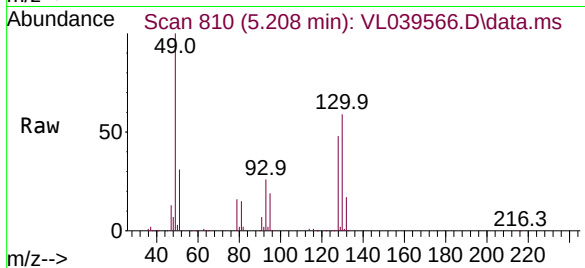




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL039566.D
Acq: 18 Aug 2022 19:43

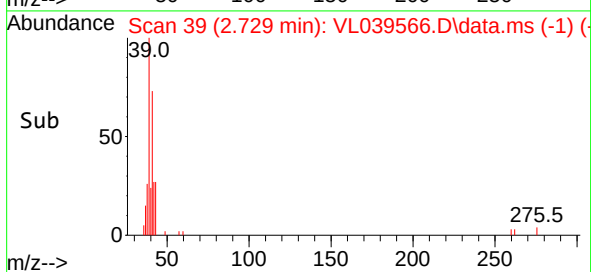
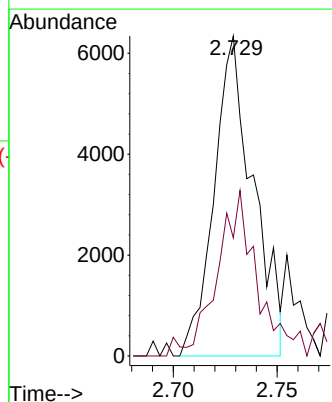
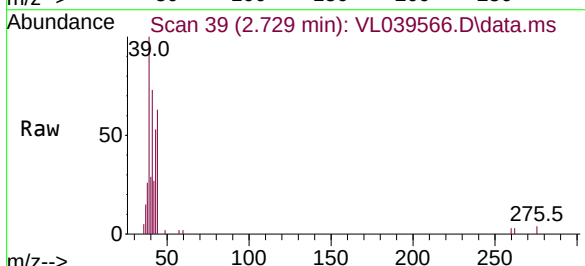
Instrument :
MSVOA_L
ClientSampleId :

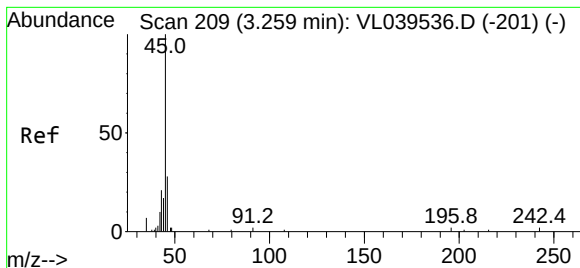
Tgt Ion: 49 Resp: 922689
Ion Ratio Lower Upper
49 100
128 52.2 25.7 77.0
130 65.2 31.6 95.0



#9
Propene
Concen: 0.165 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.014 min
Lab File: VL039566.D
Acq: 18 Aug 2022 19:43

Tgt Ion: 41 Resp: 8311
Ion Ratio Lower Upper
41 100
42 56.7 55.4 83.0





#13

Ethanol

Concen: 0.034 ppbv

RT: 3.263 min Scan# 20

Delta R.T. 0.004 min

Lab File: VL039566.D

Acq: 18 Aug 2022 19:43

Instrument :

MSVOA_L

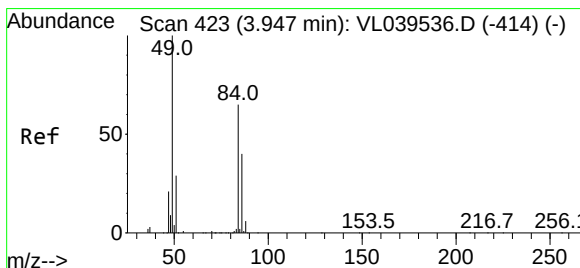
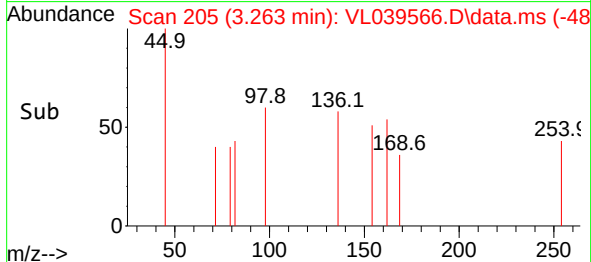
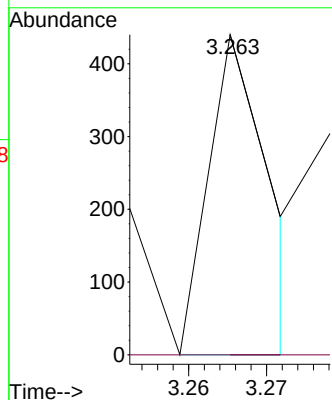
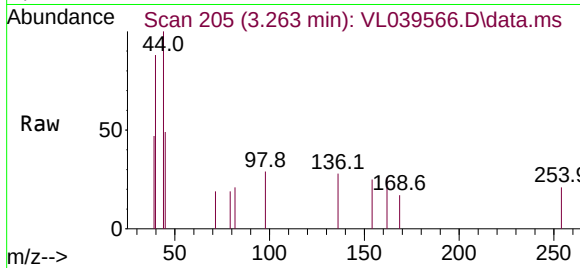
ClientSampleId :

Tgt Ion: 45 Resp: 122

Ion Ratio Lower Upper

45 100

46 0.0 19.3 77.1#



#20

Methylene Chloride

Concen: 0.133 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.007 min

Lab File: VL039566.D

Acq: 18 Aug 2022 19:43

Tgt Ion: 84 Resp: 5624

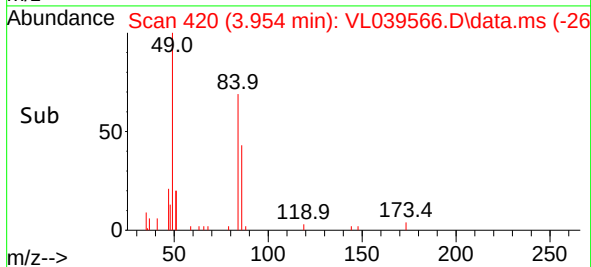
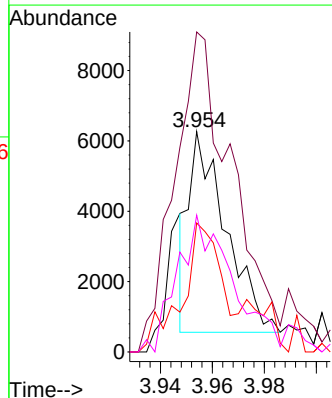
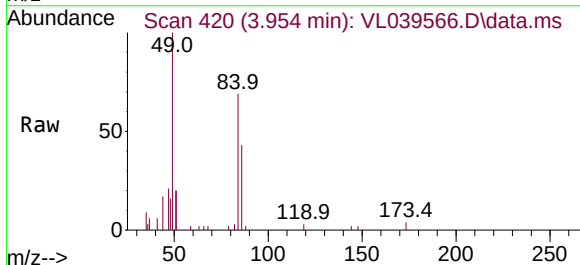
Ion Ratio Lower Upper

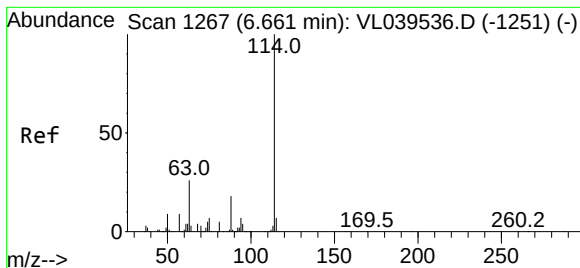
84 100

49 146.4 122.2 183.4

51 59.8 35.8 53.6#

86 65.5 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: VL039566.D

Acq: 18 Aug 2022 19:43

Instrument :

MSVOA_L

ClientSampleId :

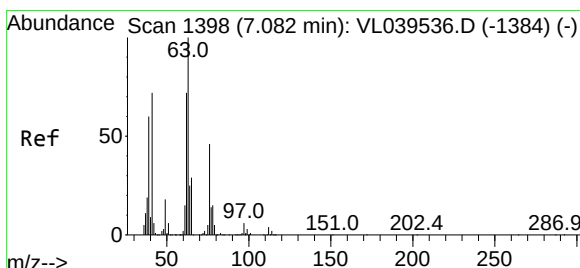
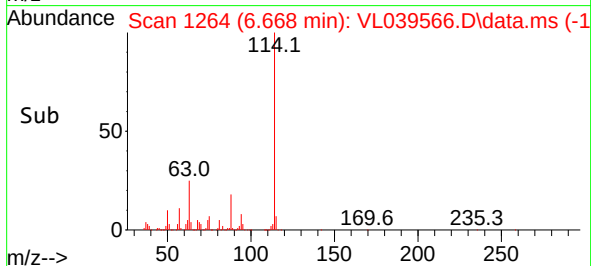
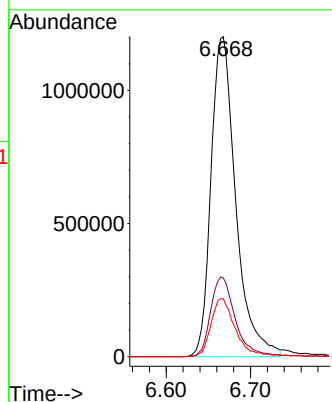
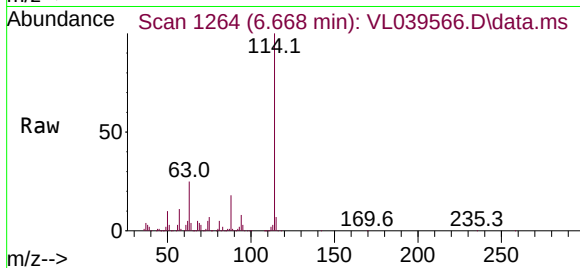
Tgt Ion:114 Resp: 2453268

Ion Ratio Lower Upper

114 100

63 25.2 20.6 31.0

88 18.1 14.6 22.0



#39

1,2-Dichloropropane

Concen: 8.596 ppbv

RT: 6.664 min Scan# 1263

Delta R.T. -0.417 min

Lab File: VL039566.D

Acq: 18 Aug 2022 19:43

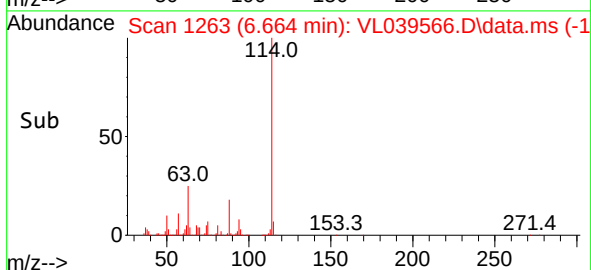
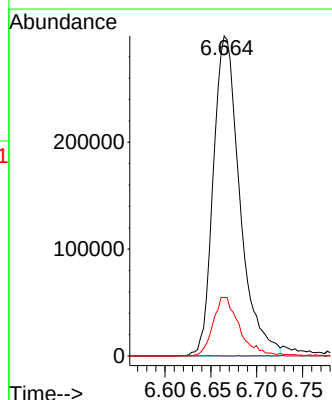
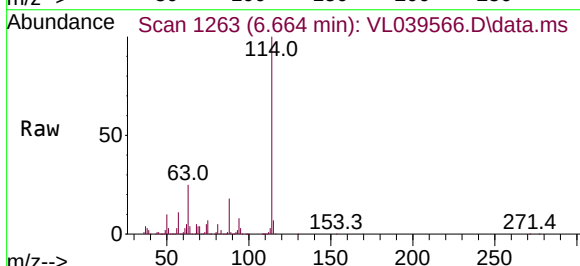
Tgt Ion: 63 Resp: 602379

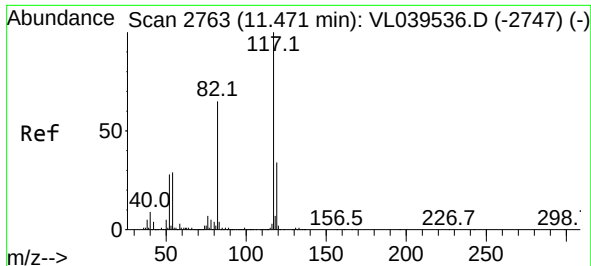
Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 18.2 57.8 86.8#

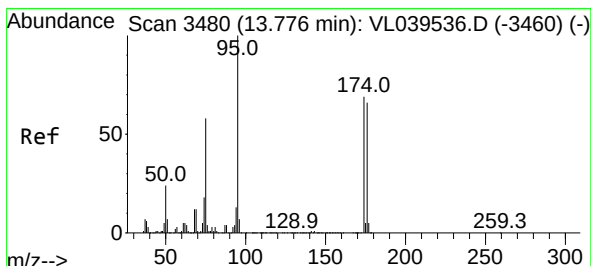
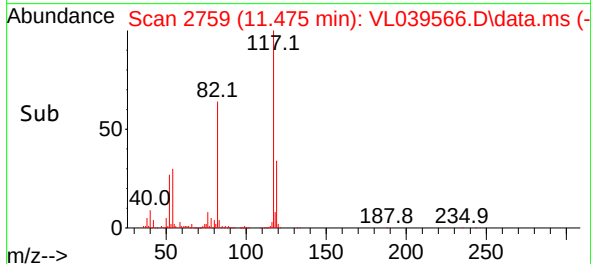
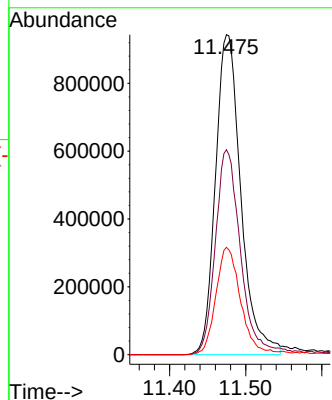
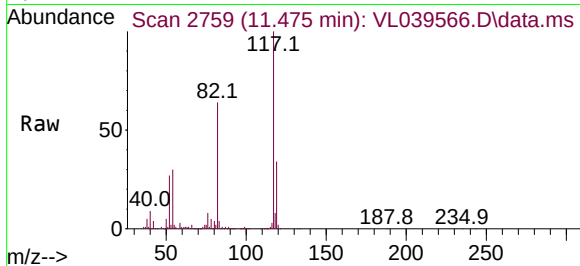




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039566.D
Acq: 18 Aug 2022 19:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 117 Resp: 2189604
Ion Ratio Lower Upper
117 100
82 65.2 49.1 73.7
119 33.2 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.950 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.010 min
Lab File: VL039566.D
Acq: 18 Aug 2022 19:43

Tgt Ion: 95 Resp: 1640047
Ion Ratio Lower Upper
95 100
174 73.4 56.3 84.5
175 5.7 4.3 6.5

