

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039574.D
 Acq On : 19 Aug 2022 8:06
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 20 00:54:48 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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)

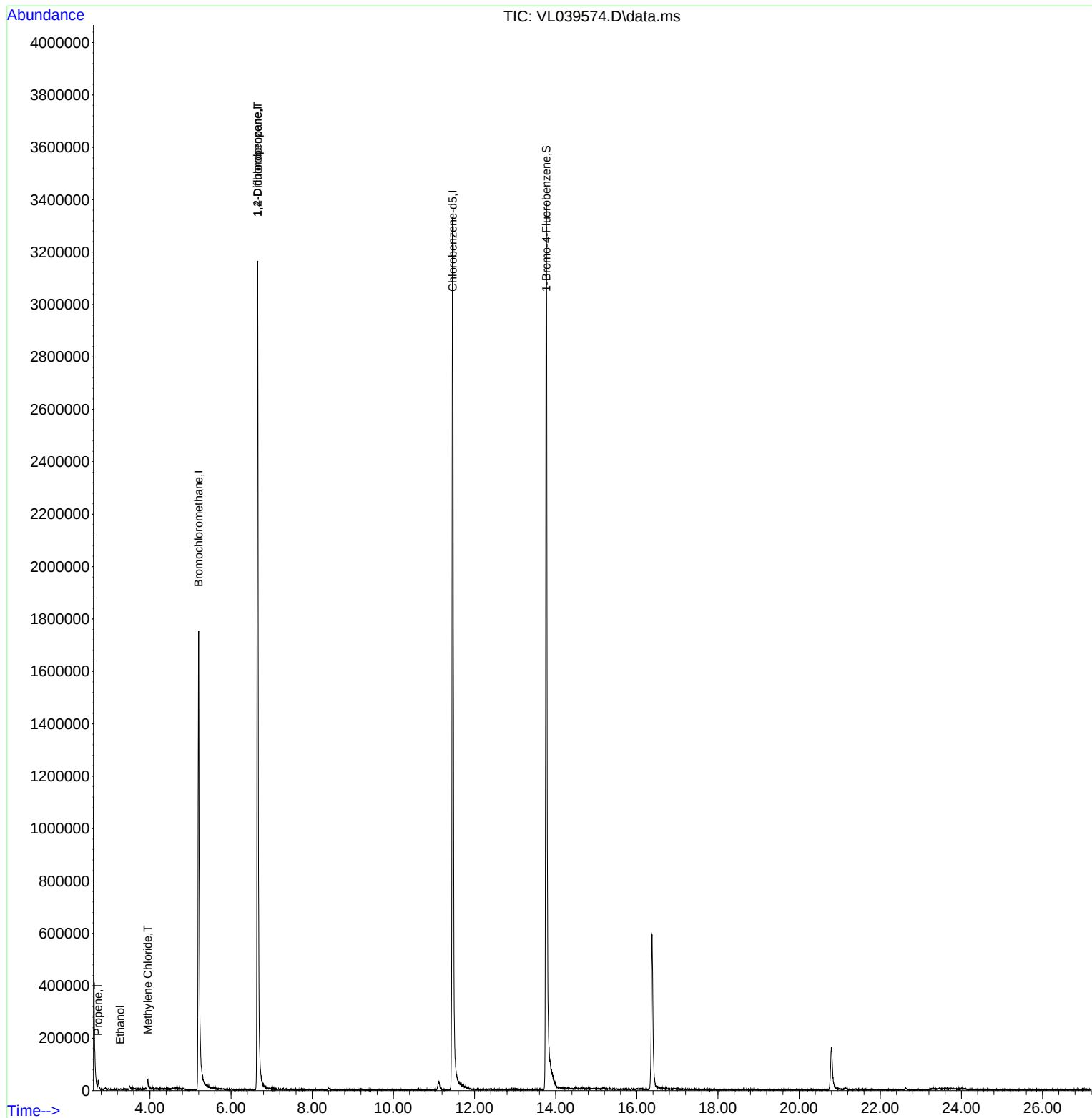
Internal Standards						
1) Bromochloromethane	5.201	49	936498	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2434390	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2221516	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1652690	9.882	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
9) Propene	2.722	41	8891	0.174	ppbv	91
13) Ethanol	3.266	45	406	0.110	ppbv	87
20) Methylene Chloride	3.947	84	10282	0.239	ppbv #	79
39) 1,2-Dichloropropane	6.655	63	585390	8.419	ppbv #	24

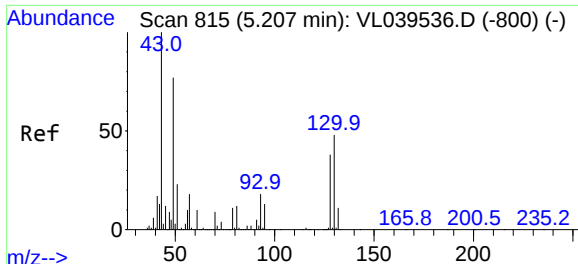
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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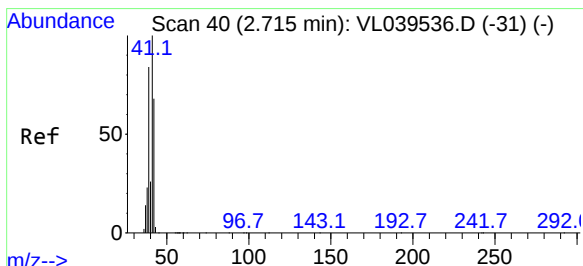
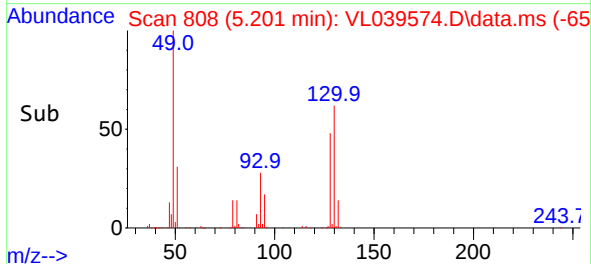
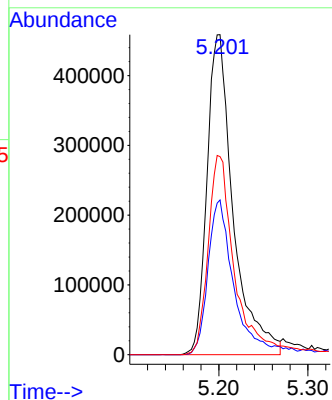
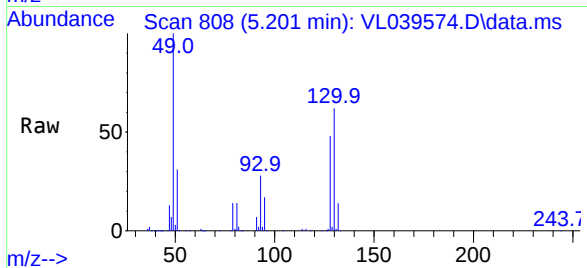




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

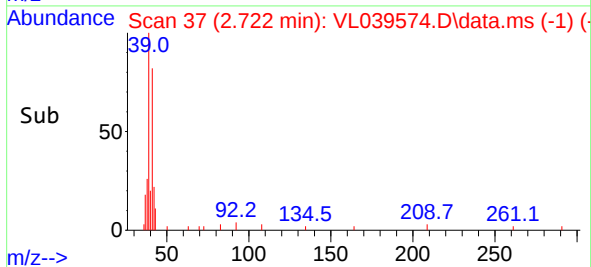
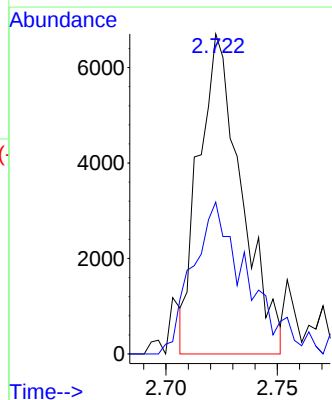
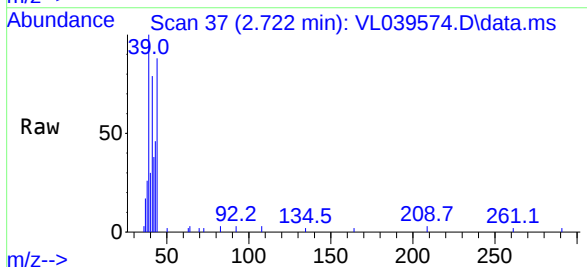
Instrument :
MSVOA_L
ClientSampleId :

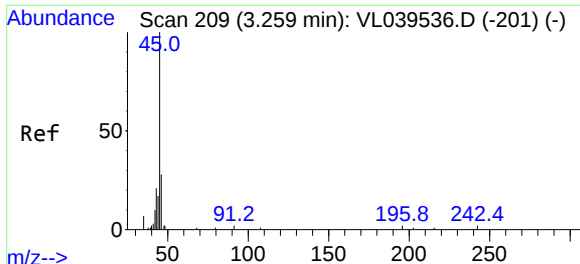
Tgt Ion: 49 Resp: 936498
Ion Ratio Lower Upper
49 100
128 51.1 25.7 77.0
130 66.3 31.6 95.0



#9
Propene
Concen: 0.174 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.007 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

Tgt Ion: 41 Resp: 8891
Ion Ratio Lower Upper
41 100
42 61.6 55.4 83.0

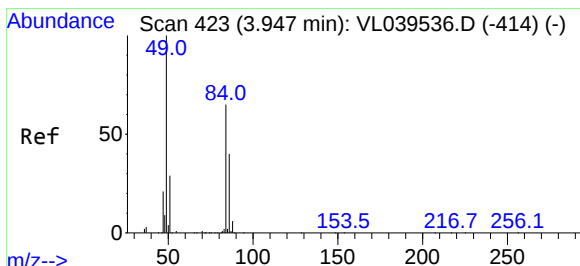
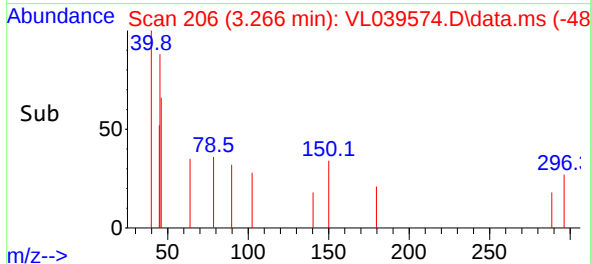
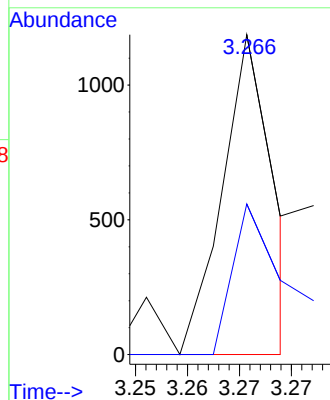
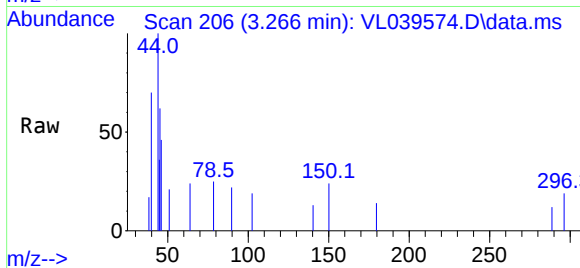




#13
Ethanol
Concen: 0.110 ppbv
RT: 3.266 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

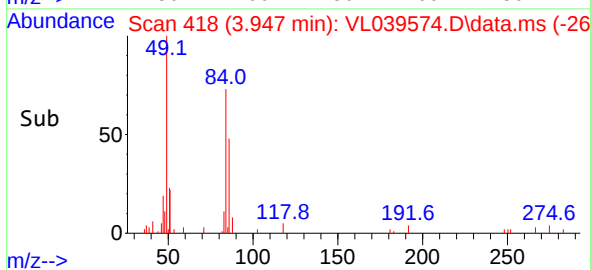
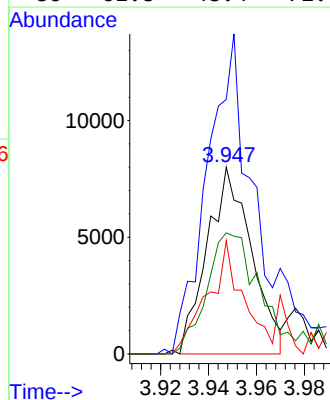
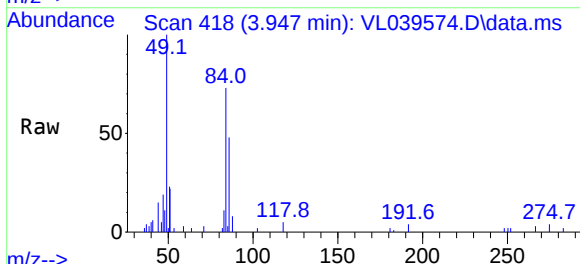
Instrument :
MSVOA_L
ClientSampleId :

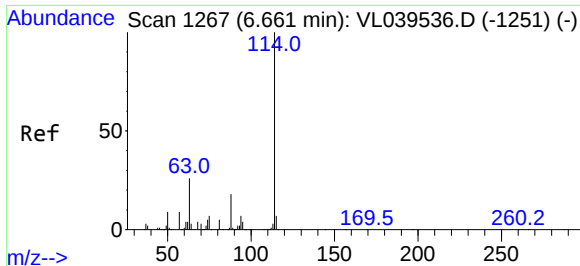
Tgt Ion: 45 Resp: 406
Ion Ratio Lower Upper
45 100
46 56.9 19.3 77.1



#20
Methylene Chloride
Concen: 0.239 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.001 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

Tgt Ion: 84 Resp: 10282
Ion Ratio Lower Upper
84 100
49 114.6 122.2 183.4#
51 55.3 35.8 53.6#
86 61.8 48.4 72.6

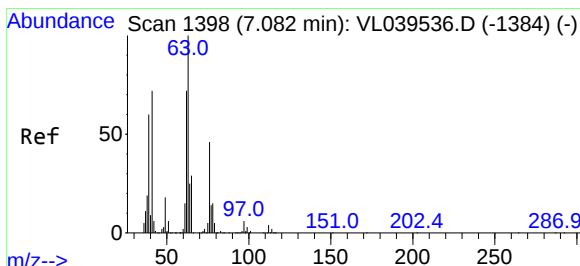
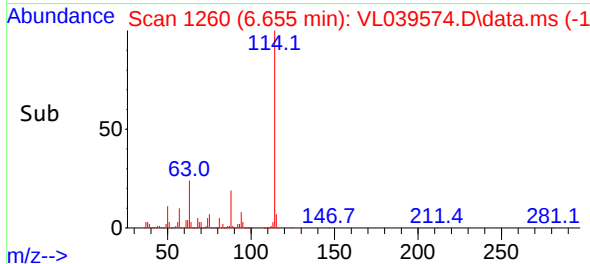
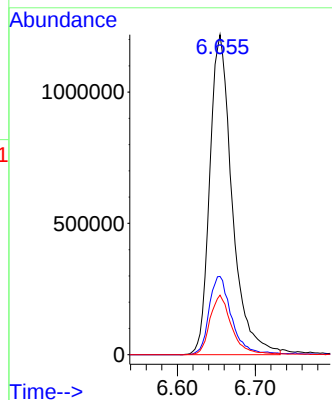
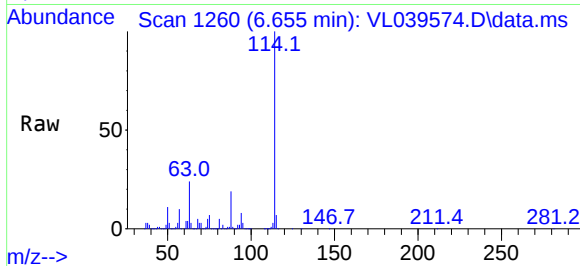




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

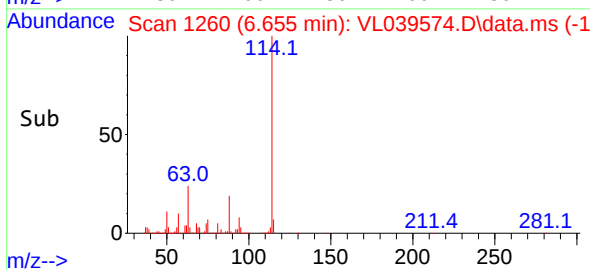
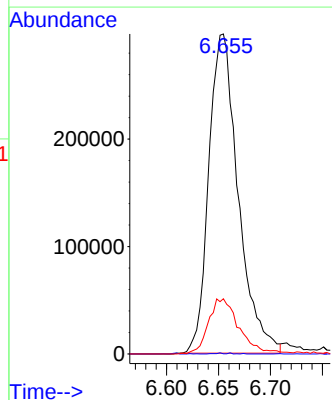
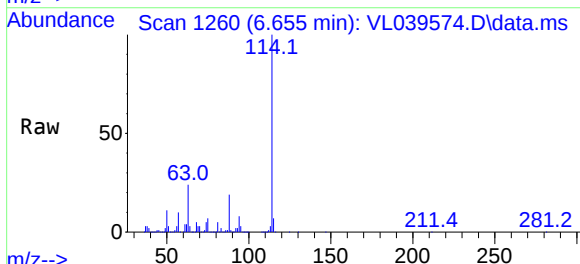
Instrument :
MSVOA_L
ClientSampleId :

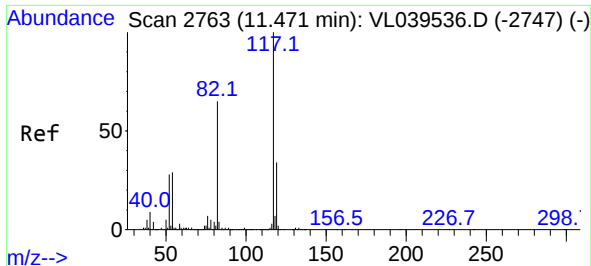
Tgt Ion:114 Resp: 2434390
Ion Ratio Lower Upper
114 100
63 24.7 20.6 31.0
88 18.3 14.6 22.0



#39
1,2-Dichloropropane
Concen: 8.419 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.427 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

Tgt Ion: 63 Resp: 585390
Ion Ratio Lower Upper
63 100
41 0.1 58.0 87.0#
62 17.1 57.8 86.8#

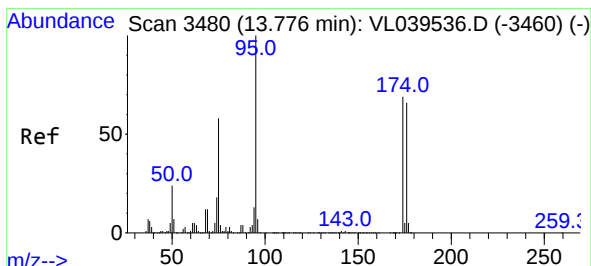
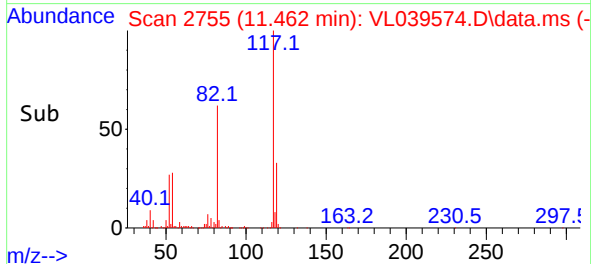
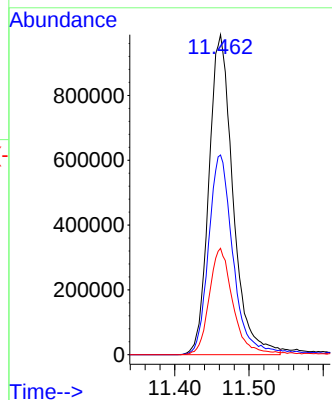
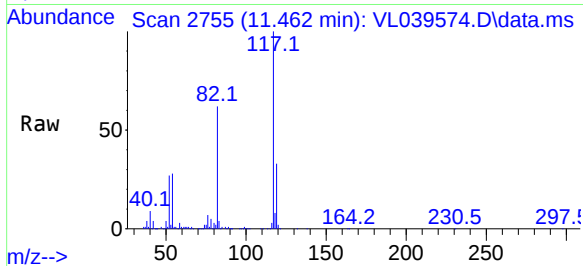




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 211
Delta R.T. -0.009 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2221516
Ion Ratio Lower Upper
117 100
82 65.1 49.1 73.7
119 33.6 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.882 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.006 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

Tgt Ion: 95 Resp: 1652690
Ion Ratio Lower Upper
95 100
174 71.5 56.3 84.5
175 5.2 4.3 6.5

