

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039781.D
 Acq On : 25 Oct 2022 6:46
 Operator : SY/AP
 Sample : N5227-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FDL

Quant Time: Oct 25 15:03:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

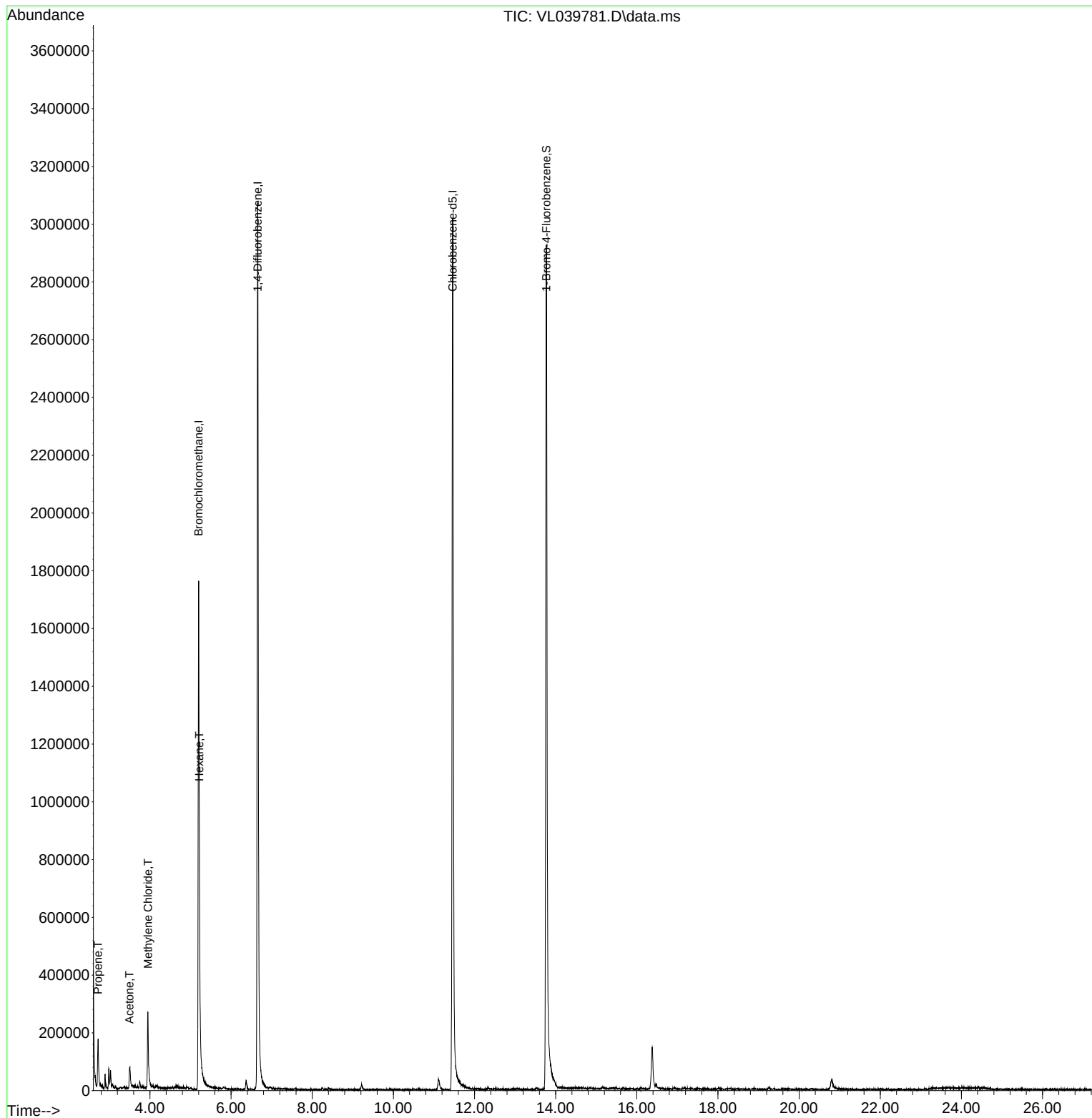
Internal Standards						
1) Bromochloromethane	5.201	49	935700	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2397682	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2052769	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1442517	9.878	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
9) Propene	2.722	41	62725	1.299	ppbv	92
15) Acetone	3.497	43	69905	0.625	ppbv #	86
20) Methylene Chloride	3.951	84	93654	2.203	ppbv	93
26) Hexane	5.218	57	59080	0.650	ppbv #	37

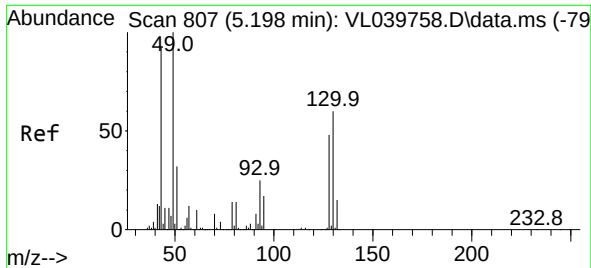
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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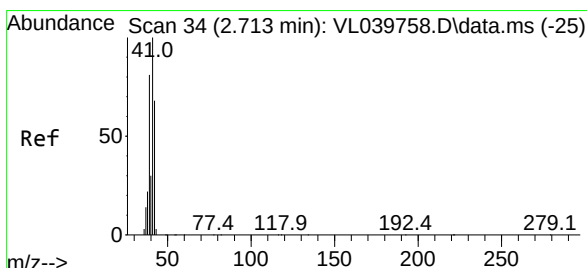
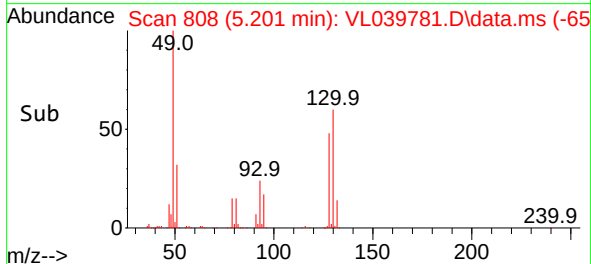
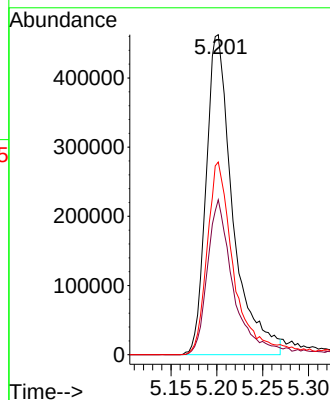
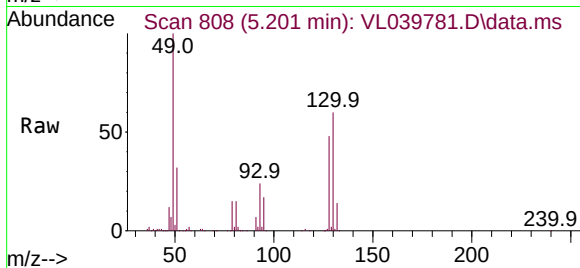




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039781.D
Acq: 25 Oct 2022 6:46

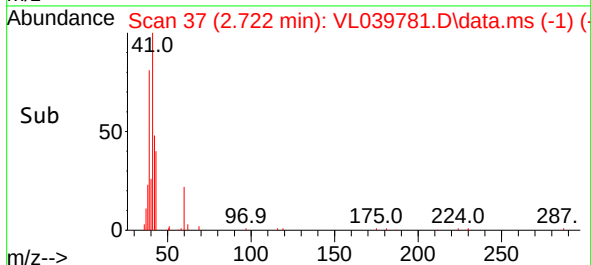
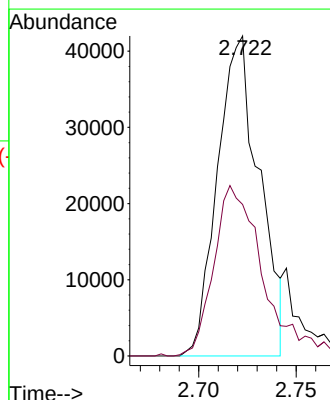
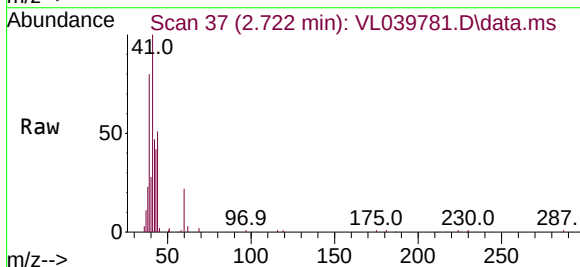
Instrument :
MSVOA_L
ClientSampleId :
FDL

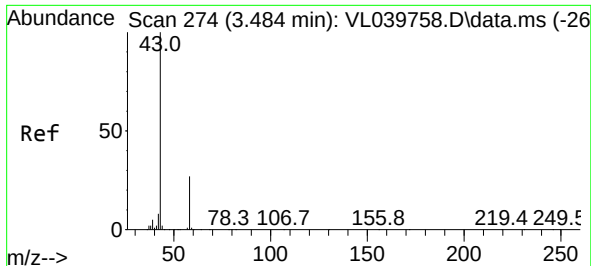
Tgt Ion: 49 Resp: 935700
Ion Ratio Lower Upper
49 100
128 49.0 24.6 74.0
130 63.3 31.8 95.3



#9
Propene
Concen: 1.299 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.010 min
Lab File: VL039781.D
Acq: 25 Oct 2022 6:46

Tgt Ion: 41 Resp: 62725
Ion Ratio Lower Upper
41 100
42 66.0 58.0 87.0

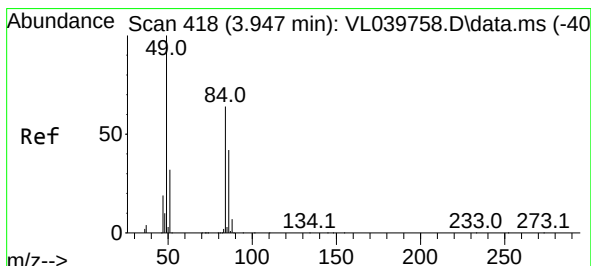
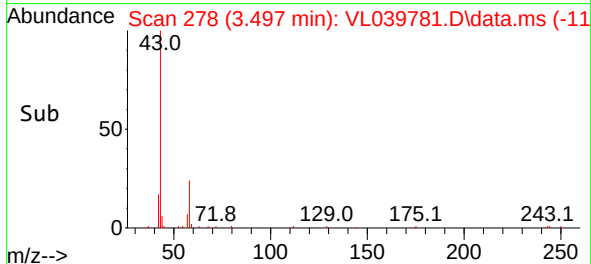
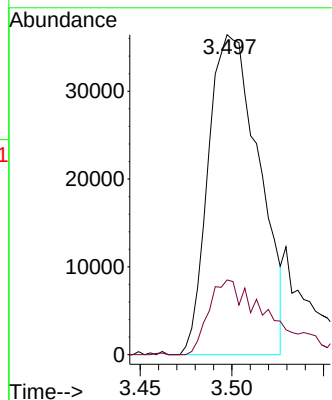
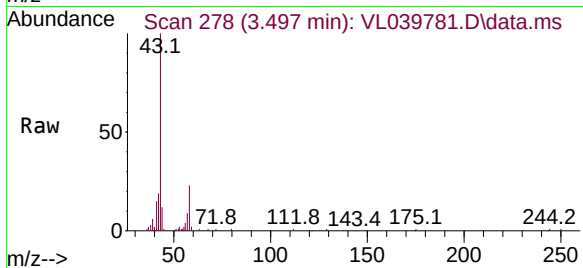




#15
Acetone
Concen: 0.625 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039781.D
Acq: 25 Oct 2022 6:46

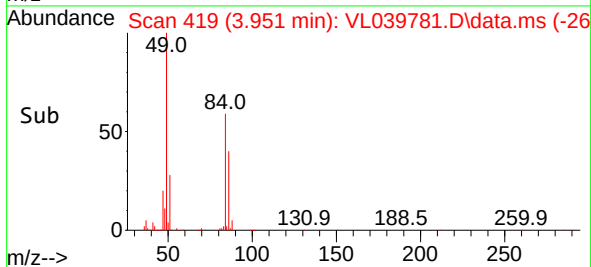
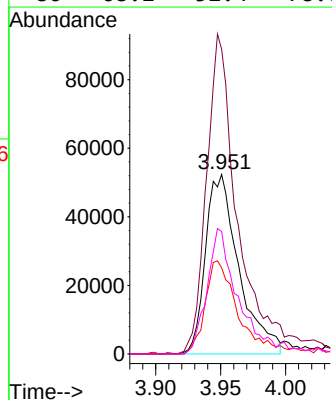
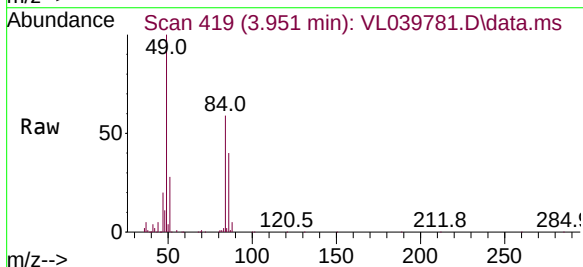
Instrument :
MSVOA_L
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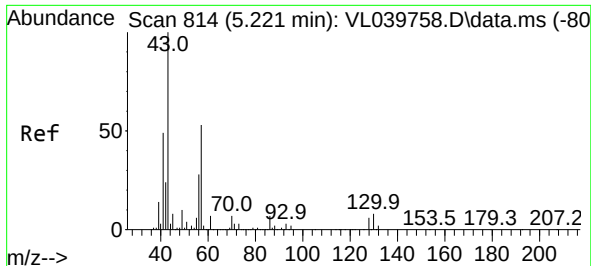
Tgt Ion: 43 Resp: 69905
Ion Ratio Lower Upper
43 100
58 33.0 20.7 31.1#



#20
Methylene Chloride
Concen: 2.203 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039781.D
Acq: 25 Oct 2022 6:46

Tgt Ion: 84 Resp: 93654
Ion Ratio Lower Upper
84 100
49 169.0 126.0 189.0
51 48.1 40.9 61.3
86 68.2 52.4 78.6

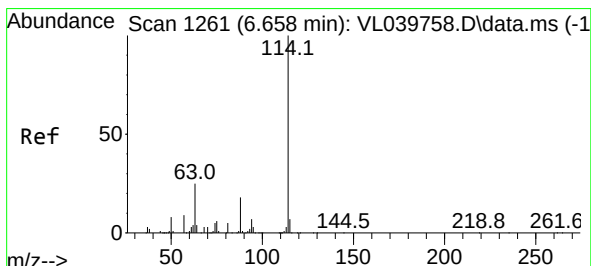
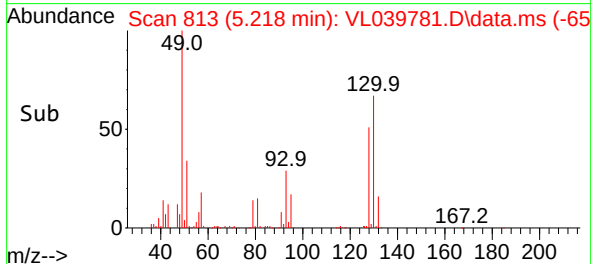
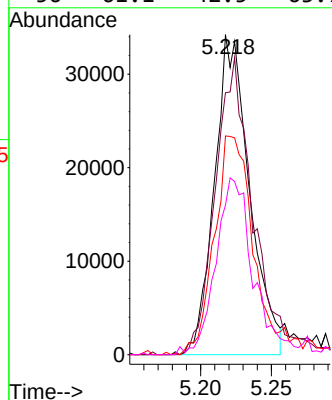
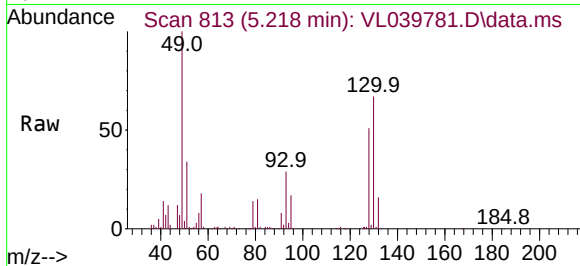




#26
Hexane
Concen: 0.650 ppbv
RT: 5.218 min Scan# 814
Delta R.T. -0.003 min
Lab File: VL039781.D
Acq: 25 Oct 2022 6:46

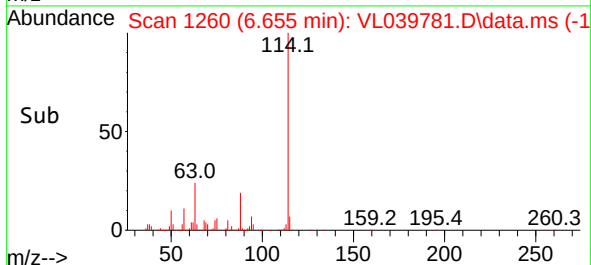
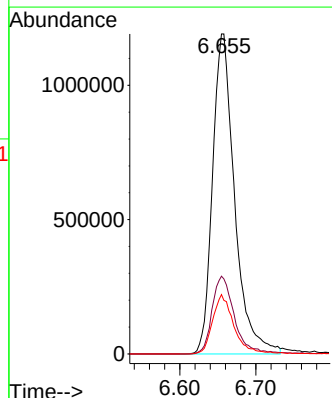
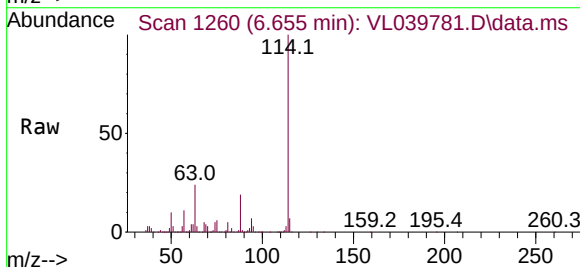
Instrument :
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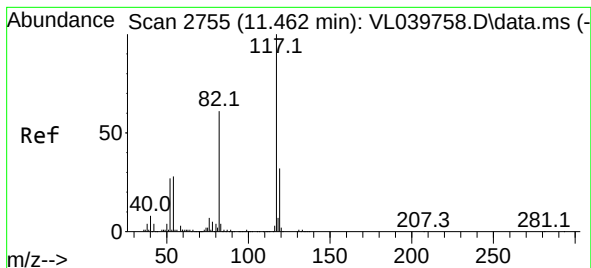
Tgt Ion: 57 Resp: 59080
Ion Ratio Lower Upper
57 100
41 100.9 76.1 114.1
43 79.3 197.1 295.7#
56 61.1 42.5 63.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VL039781.D
Acq: 25 Oct 2022 6:46

Tgt Ion: 114 Resp: 2397682
Ion Ratio Lower Upper
114 100
63 24.8 20.1 30.1
88 18.2 14.5 21.7

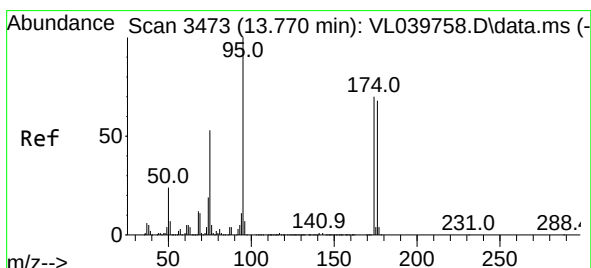
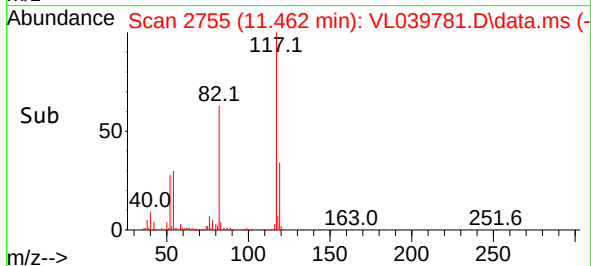
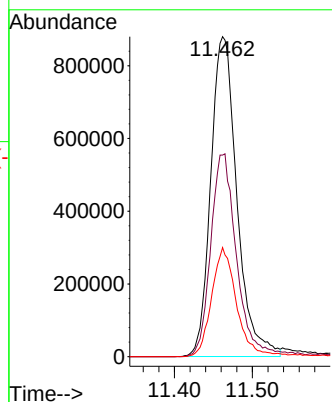
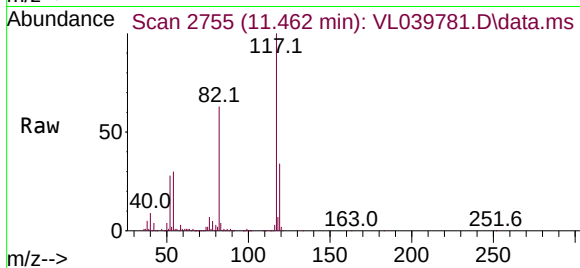




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039781.D
Acq: 25 Oct 2022 6:46

Instrument :
MSVOA_L
ClientSampleId :
FDL

Tgt Ion:117 Resp: 2052769
Ion Ratio Lower Upper
117 100
82 63.7 49.9 74.9
119 33.0 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.878 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.000 min
Lab File: VL039781.D
Acq: 25 Oct 2022 6:46

Tgt Ion: 95 Resp: 1442517
Ion Ratio Lower Upper
95 100
174 74.7 57.3 85.9
175 5.4 4.2 6.2

