

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040514.D
 Acq On : 10 Jul 2023 19:48
 Operator : SY/MD
 Sample : VL0710ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0710ABL01

Quant Time: Jul 11 02:10:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

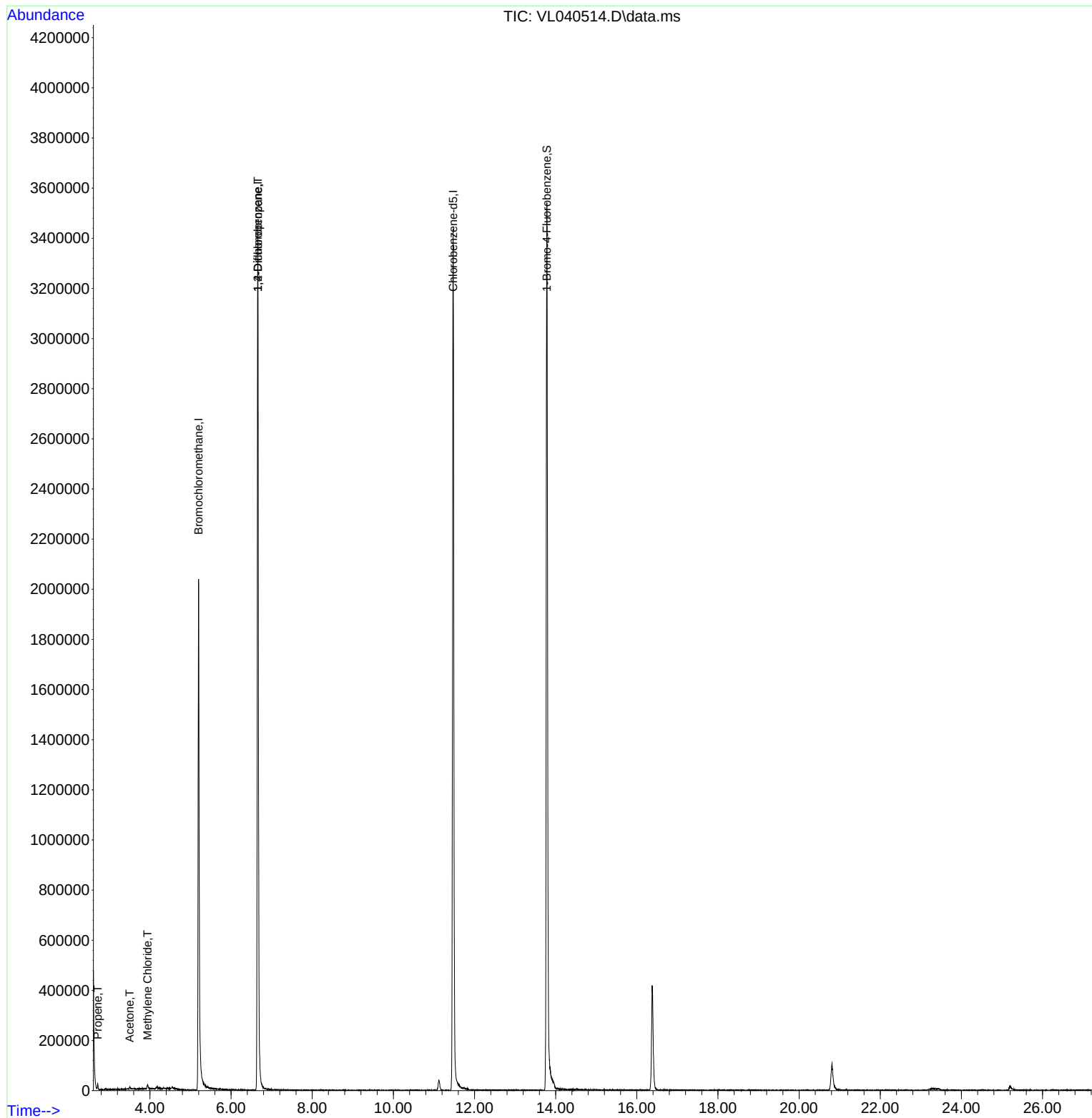
Internal Standards						
1) Bromochloromethane	5.198	49	977055	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2476757	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2156508	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1745998	10.230	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
					Qvalue	
9) Propene	2.713	41	3669	0.069	ppbv #	59
15) Acetone	3.501	43	7157	0.064	ppbv #	74
20) Methylene Chloride	3.941	84	3560	0.074	ppbv #	72
39) 1,2-Dichloropropane	6.658	63	642549	8.376	ppbv #	26

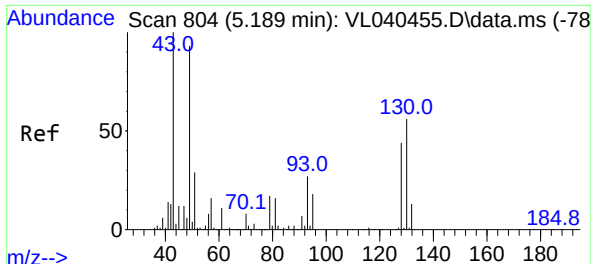
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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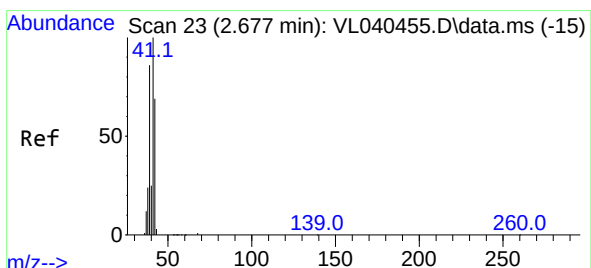
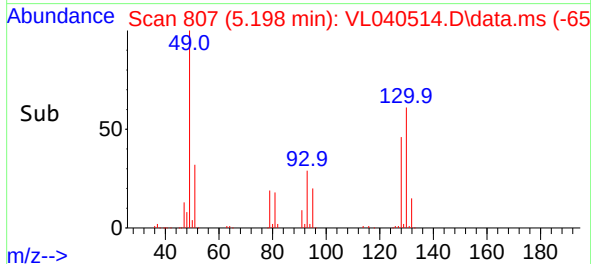
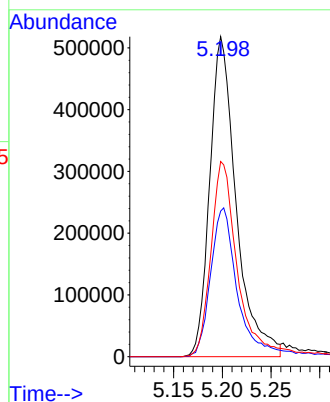
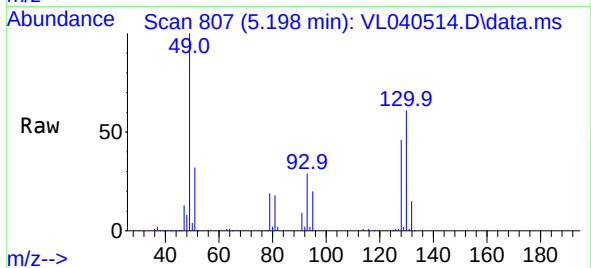




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040514.D
Acq: 10 Jul 2023 19:48

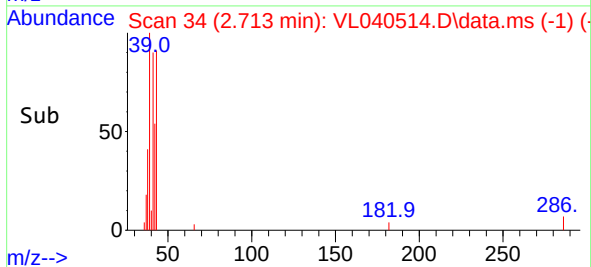
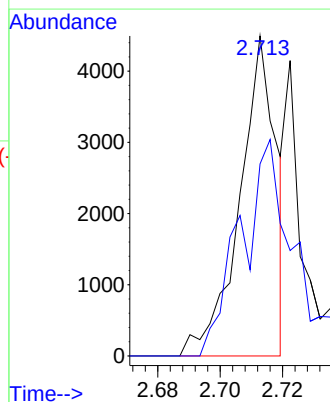
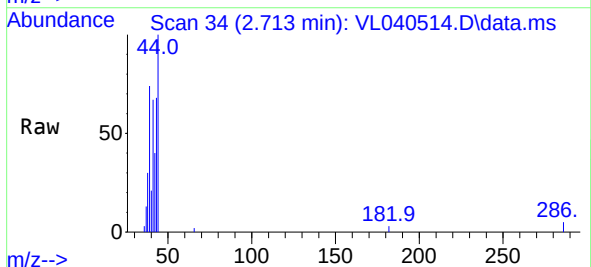
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABL01

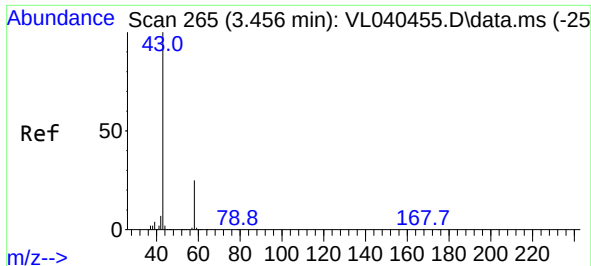
Tgt Ion: 49 Resp: 977055
Ion Ratio Lower Upper
49 100
128 49.4 25.1 75.4
130 63.7 31.6 94.7



#9
Propene
Concen: 0.069 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.010 min
Lab File: VL040514.D
Acq: 10 Jul 2023 19:48

Tgt Ion: 41 Resp: 3669
Ion Ratio Lower Upper
41 100
42 102.2 55.0 82.6#

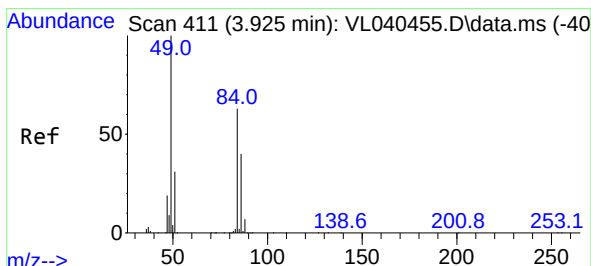
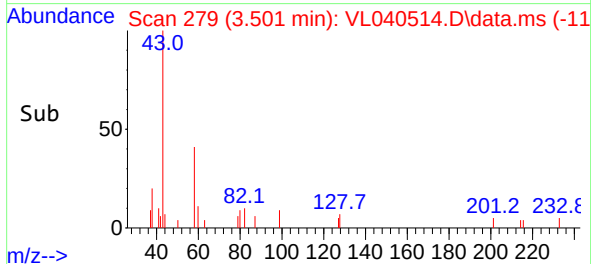
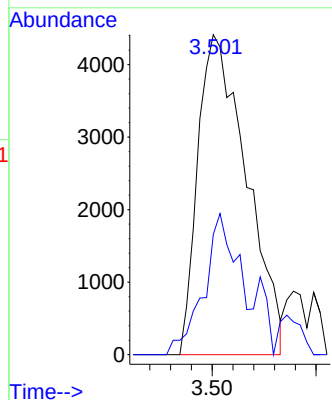
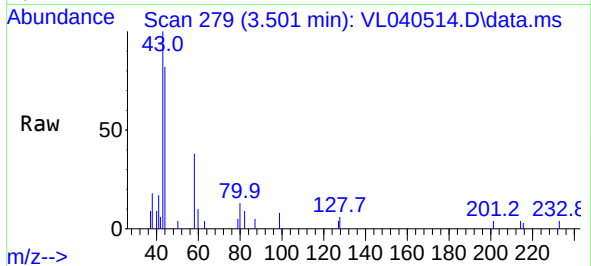




#15
Acetone
Concen: 0.064 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040514.D
Acq: 10 Jul 2023 19:48

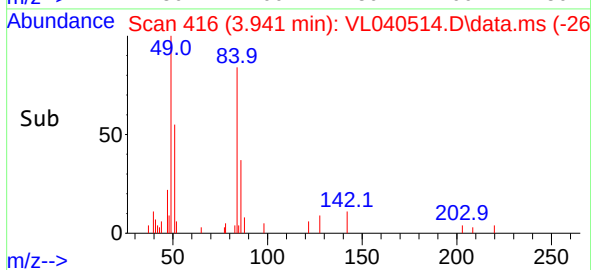
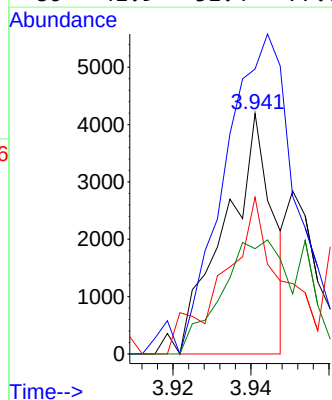
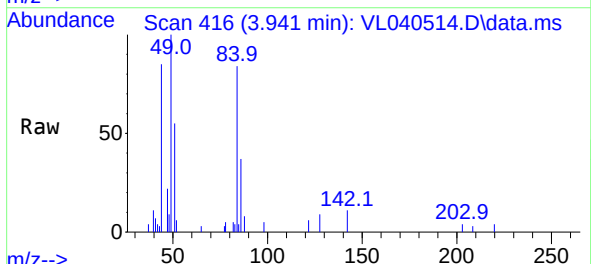
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABL01

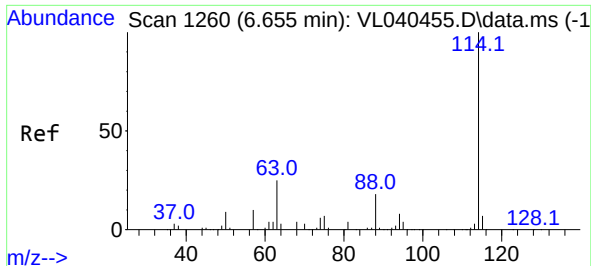
Tgt Ion: 43 Resp: 7157
Ion Ratio Lower Upper
43 100
58 42.5 22.9 34.3#



#20
Methylene Chloride
Concen: 0.074 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.000 min
Lab File: VL040514.D
Acq: 10 Jul 2023 19:48

Tgt Ion: 84 Resp: 3560
Ion Ratio Lower Upper
84 100
49 109.0 123.4 185.2#
51 45.8 38.3 57.5
86 41.9 51.4 77.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. -0.006 min

Lab File: VL040514.D

Acq: 10 Jul 2023 19:48

Instrument :

MSVOA_L

ClientSampleId :

VL0710ABL01

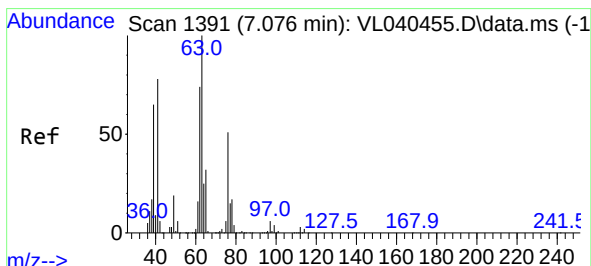
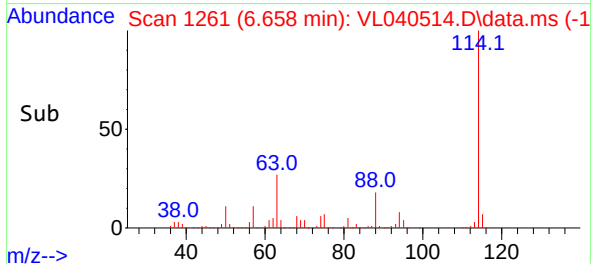
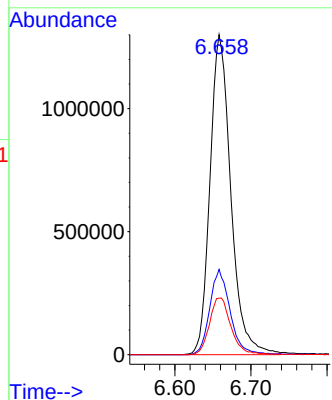
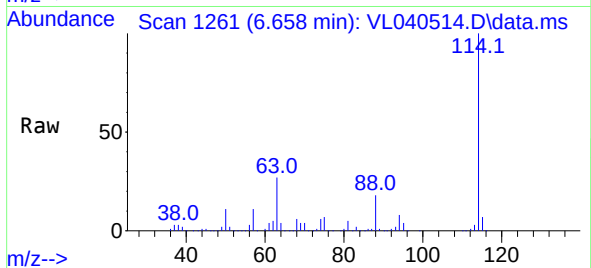
Tgt Ion:114 Resp: 2476757

Ion Ratio Lower Upper

114 100

63 26.3 19.6 29.4

88 18.4 14.2 21.2



#39

1,2-Dichloropropane

Concen: 8.376 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. -0.424 min

Lab File: VL040514.D

Acq: 10 Jul 2023 19:48

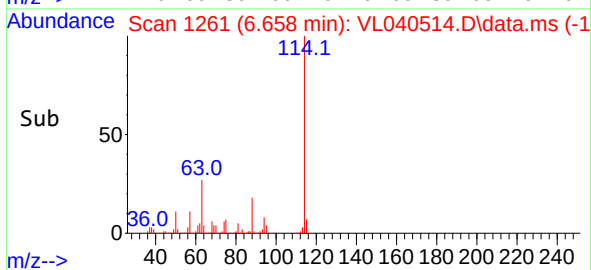
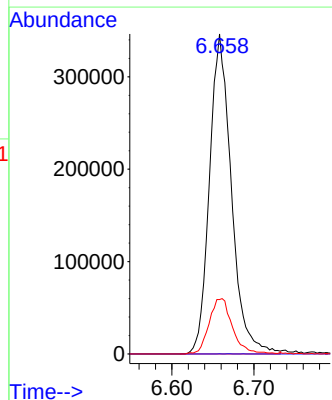
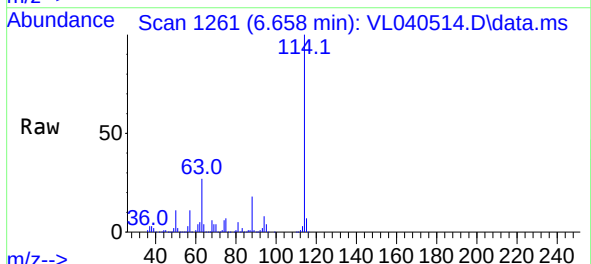
Tgt Ion: 63 Resp: 642549

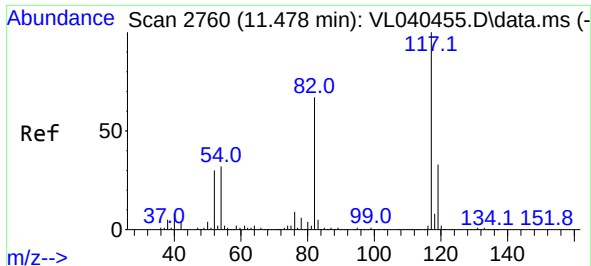
Ion Ratio Lower Upper

63 100

41 0.1 54.3 81.5#

62 17.0 55.6 83.4#

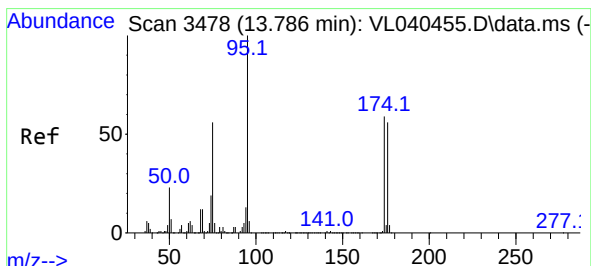
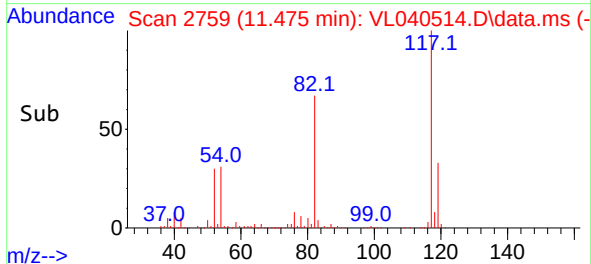
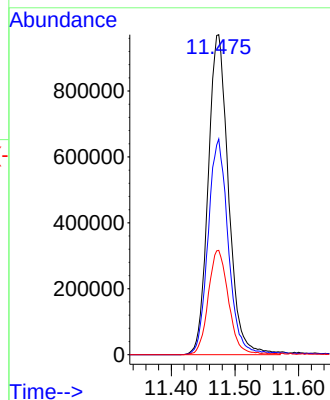
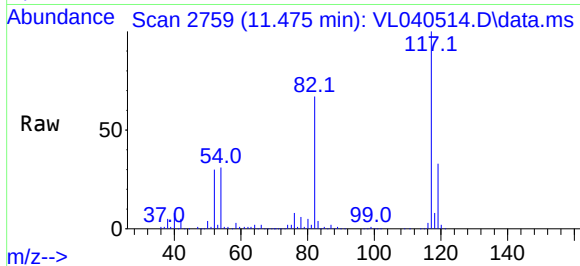




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040514.D
Acq: 10 Jul 2023 19:48

Instrument :
MSVOA_L
ClientSampleId :
VL0710ABL01

Tgt Ion:117 Resp: 2156508
Ion Ratio Lower Upper
117 100
82 68.0 50.2 75.4
119 32.9 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.230 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VL040514.D
Acq: 10 Jul 2023 19:48

Tgt Ion: 95 Resp: 1745998
Ion Ratio Lower Upper
95 100
174 61.3 50.6 75.8
175 4.3 3.7 5.5

