

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040958.D
 Acq On : 22 Dec 2023 13:21
 Operator : SY/MD
 Sample : QC112823 CAN 10306
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC112823 CAN 10306

Quant Time: Dec 23 01:21:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 22 23:57:16 2023
 Response via : Initial Calibration

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

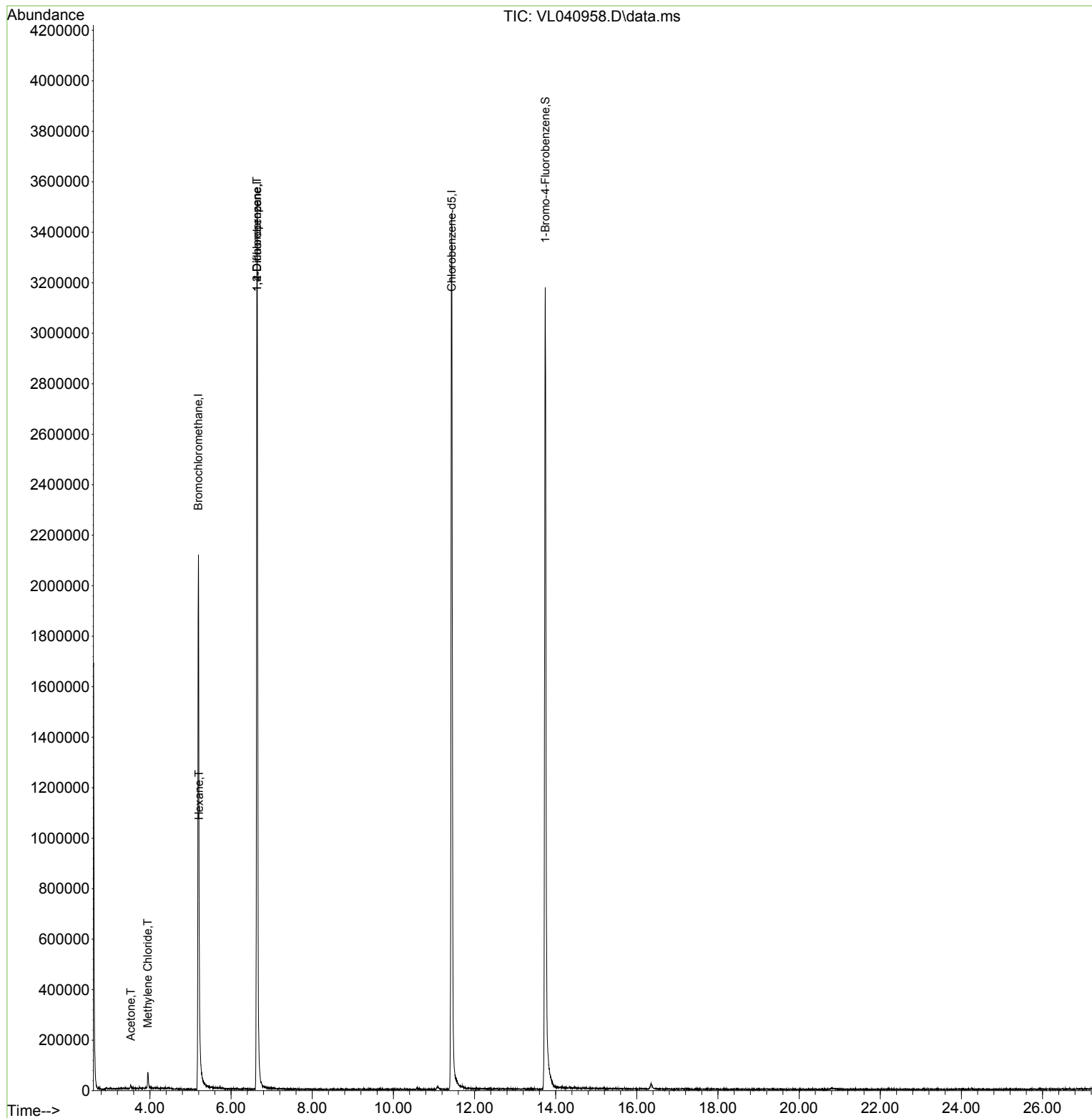
Internal Standards						
1) Bromochloromethane	5.195	49	1054569	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2677492	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2226067	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1661459	10.133	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
15) Acetone	3.530	43	12897	0.102	ppbv #	83
20) Methylene Chloride	3.948	84	12645	0.280	ppbv #	93
26) Hexane	5.211	57	6008	0.062	ppbv #	30
39) 1,2-Dichloropropane	6.639	63	670271	8.149	ppbv #	24

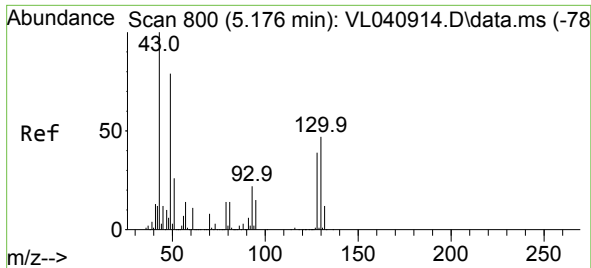
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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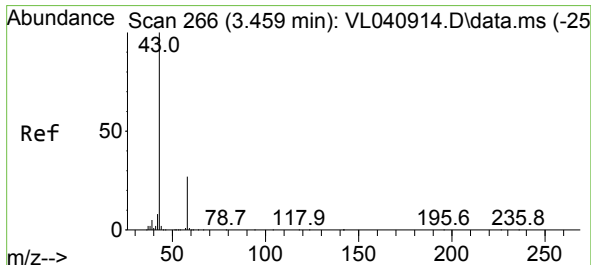
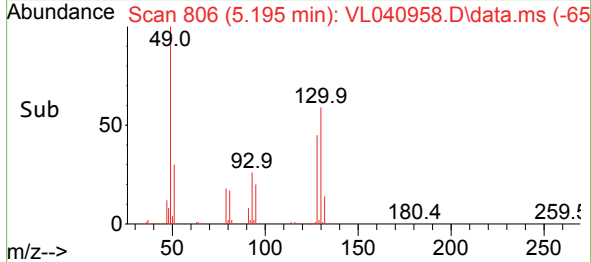
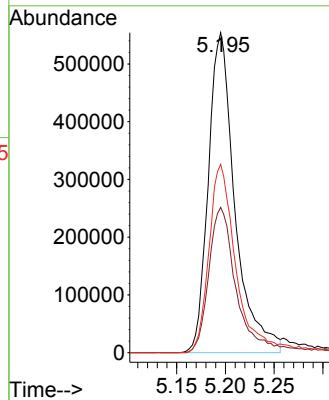
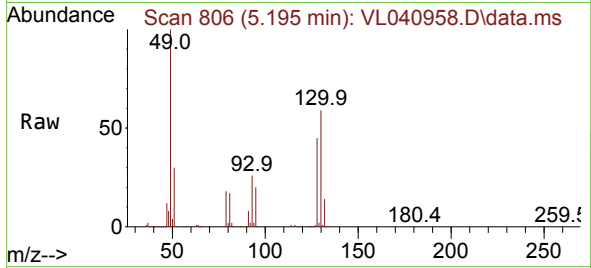




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040958.D
Acq: 22 Dec 2023 13:21

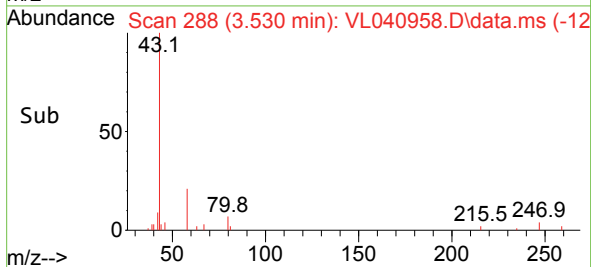
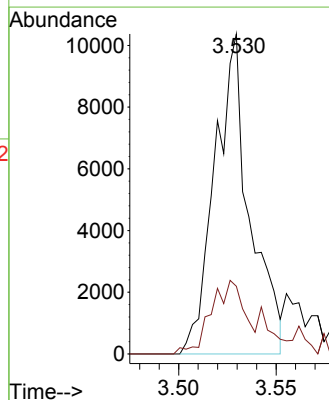
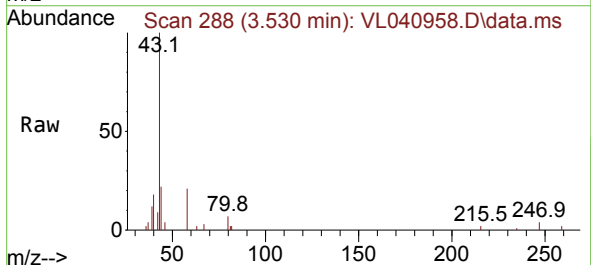
Instrument :
MSVOA_L
ClientSampleId :
QC112823 CAN 10306

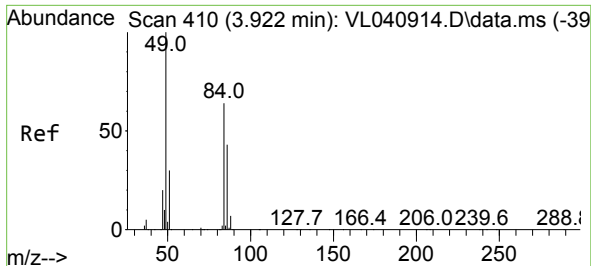
Tgt Ion: 49 Resp: 1054569
Ion Ratio Lower Upper
49 100
128 49.0 23.8 71.2
130 61.5 30.1 90.5



#15
Acetone
Concen: 0.102 ppbv
RT: 3.530 min Scan# 288
Delta R.T. 0.035 min
Lab File: VL040958.D
Acq: 22 Dec 2023 13:21

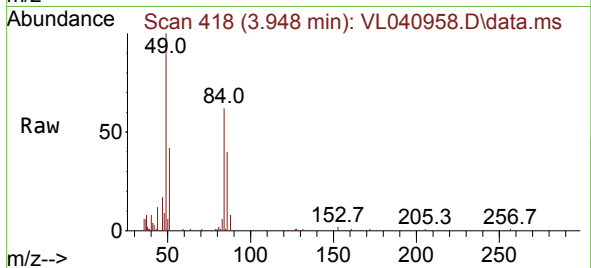
Tgt Ion: 43 Resp: 12897
Ion Ratio Lower Upper
43 100
58 34.4 20.6 30.8#



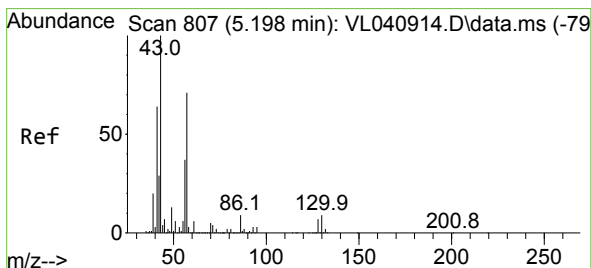
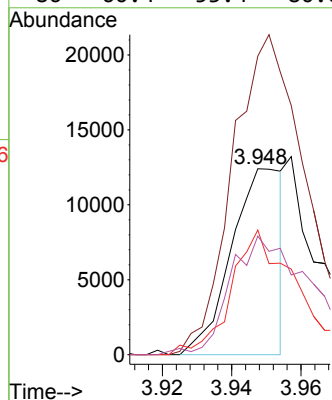
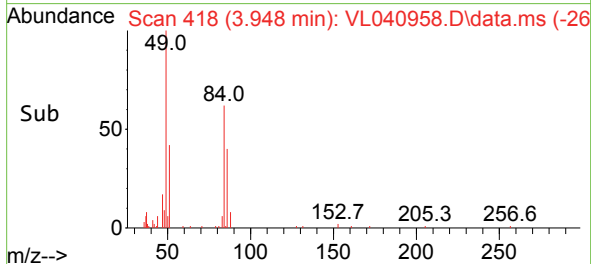


#20
Methylene Chloride
Concen: 0.280 ppbv
RT: 3.948 min Scan# 410
Delta R.T. -0.003 min
Lab File: VL040958.D
Acq: 22 Dec 2023 13:21

Instrument :
MSVOA_L
ClientSampleId :
QC112823 CAN 10306

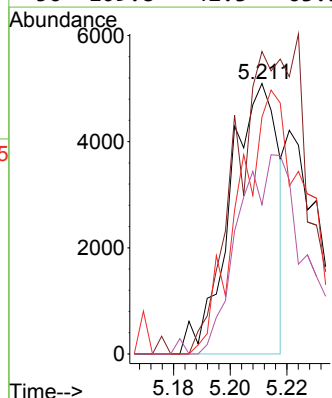
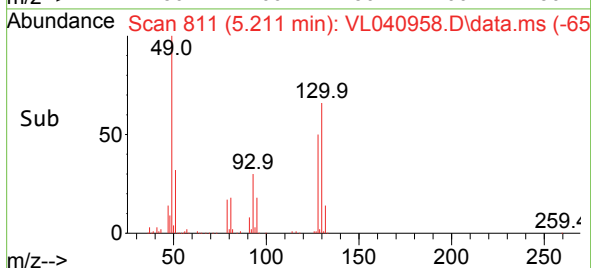
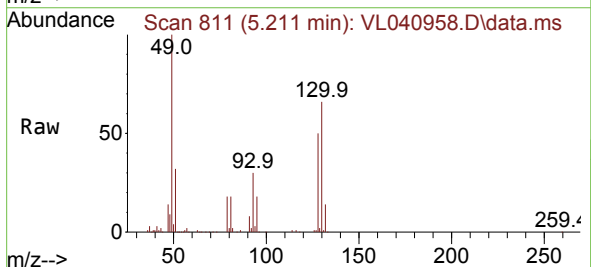


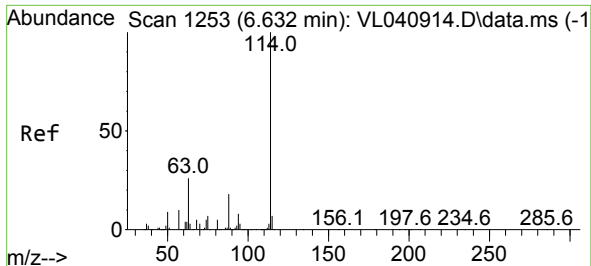
Tgt Ion: 84 Resp: 12645
Ion Ratio Lower Upper
84 100
49 158.7 124.6 187.0
51 61.9 37.2 55.8#
86 60.4 53.4 80.0



#26
Hexane
Concen: 0.062 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040958.D
Acq: 22 Dec 2023 13:21

Tgt Ion: 57 Resp: 6008
Ion Ratio Lower Upper
57 100
41 0.0 75.2 112.8#
43 139.3 188.0 282.0#
56 109.8 42.3 63.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040958.D

Acq: 22 Dec 2023 13:21

Instrument :

MSVOA_L

ClientSampleId :

QC112823 CAN 10306

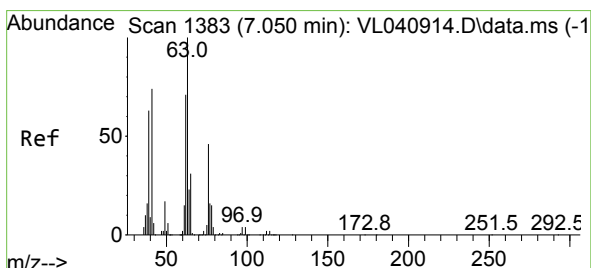
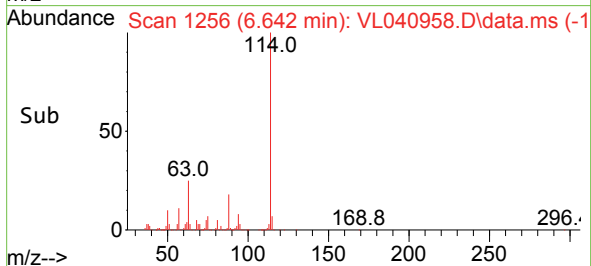
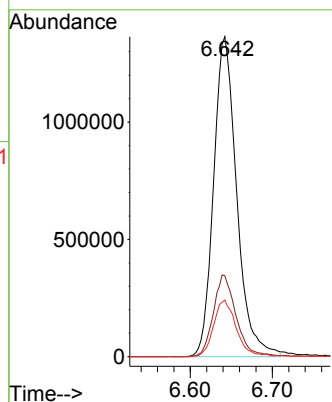
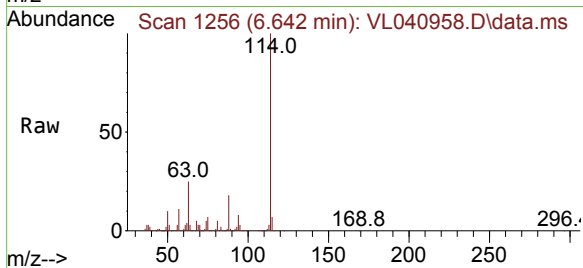
Tgt Ion:114 Resp: 2677492

Ion Ratio Lower Upper

114 100

63 25.5 21.0 31.6

88 17.6 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.149 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.421 min

Lab File: VL040958.D

Acq: 22 Dec 2023 13:21

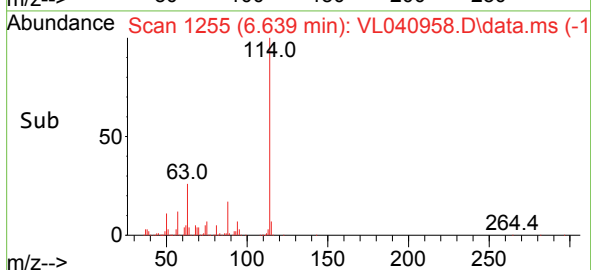
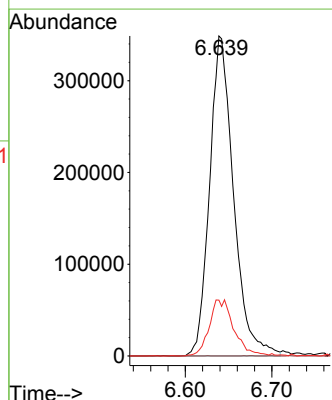
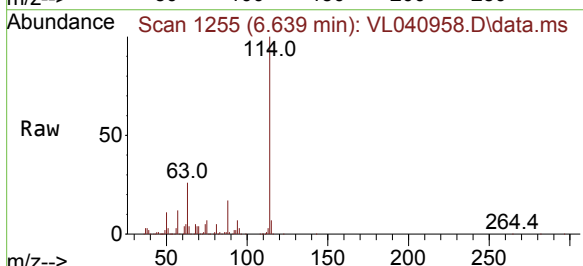
Tgt Ion: 63 Resp: 670271

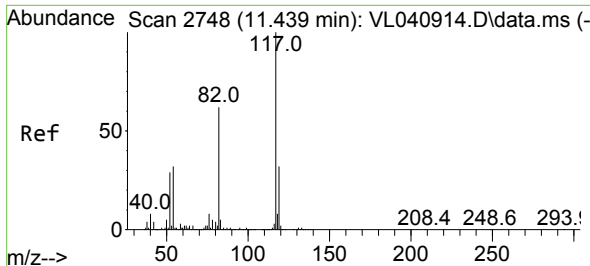
Ion Ratio Lower Upper

63 100

41 0.0 59.0 88.6#

62 17.4 56.6 85.0#

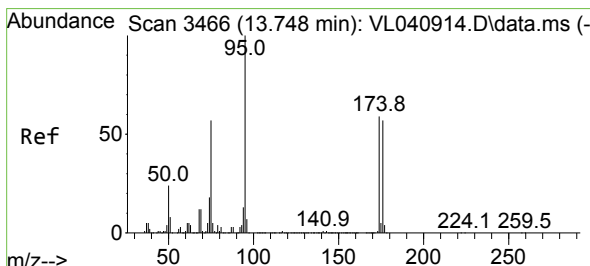
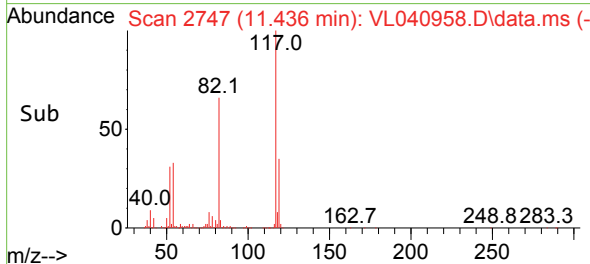
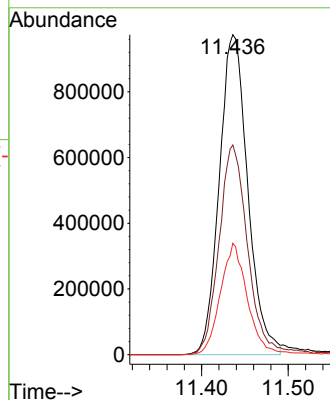
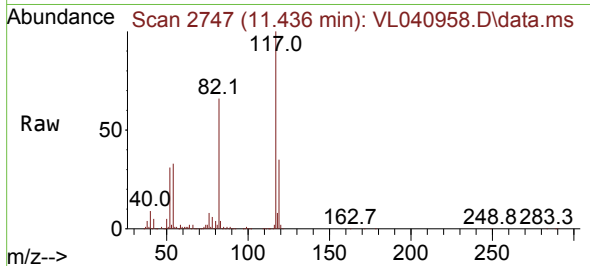




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040958.D
Acq: 22 Dec 2023 13:21

Instrument :
MSVOA_L
ClientSampleId :
QC112823 CAN 10306

Tgt Ion:117 Resp: 2226067
Ion Ratio Lower Upper
117 100
82 67.2 49.6 74.4
119 33.2 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.133 ppbv
RT: 13.745 min Scan# 3465
Delta R.T. 0.006 min
Lab File: VL040958.D
Acq: 22 Dec 2023 13:21

Tgt Ion: 95 Resp: 1661459
Ion Ratio Lower Upper
95 100
174 61.2 48.0 72.0
175 4.7 3.7 5.5

