

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039862.D
 Acq On : 10 Nov 2022 8:35
 Operator : SY/AP
 Sample : QC0110922 CAN 10283
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC0110922 CAN 10283

Quant Time: Nov 11 04:40:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

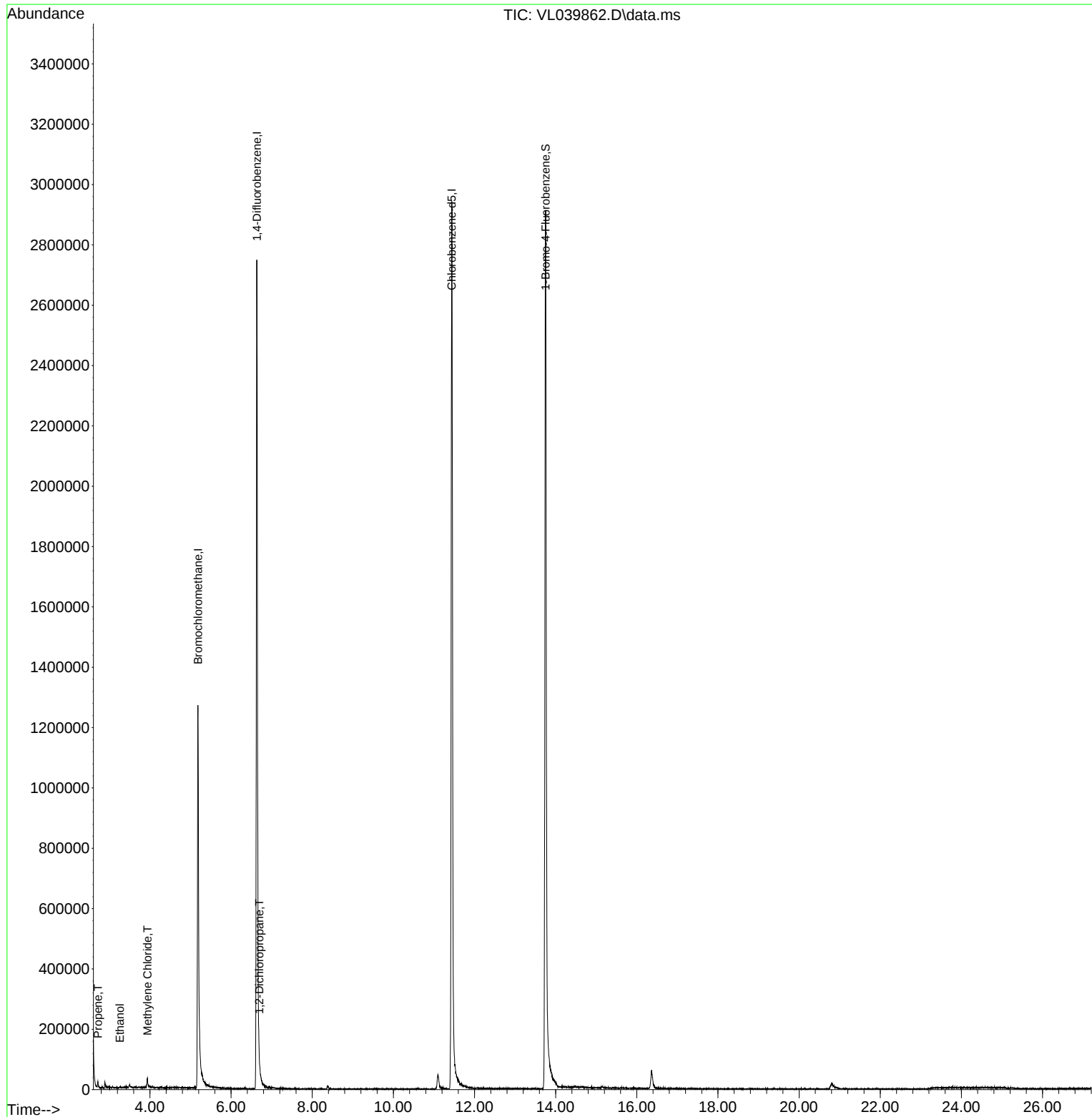
Internal Standards						
1) Bromochloromethane	5.185	49	746219	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2121750	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	1895688	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1540383	10.856	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.600%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	4021	0.087	ppbv	98
13) Ethanol	3.259	45	221	0.067	ppbv #	34
20) Methylene Chloride	3.941	84	8103	0.249	ppbv #	67
39) 1,2-Dichloropropane	6.697	63	6217	0.089	ppbv #	23

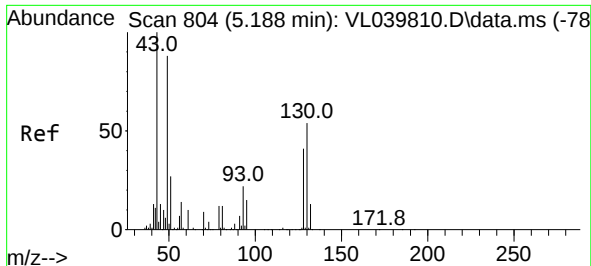
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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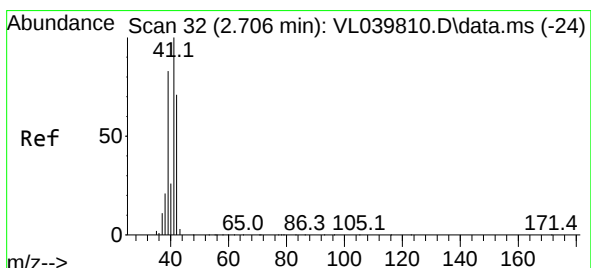
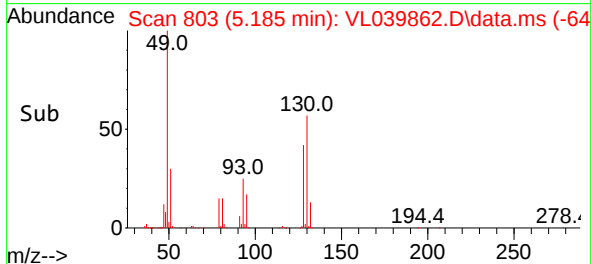
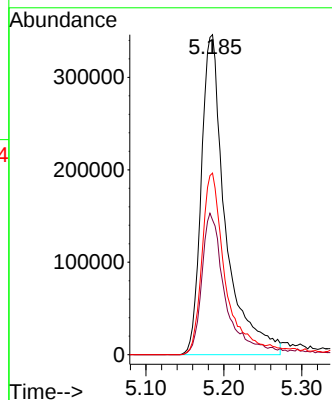
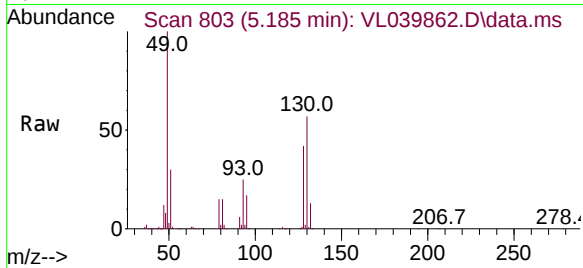




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039862.D
Acq: 10 Nov 2022 8:35

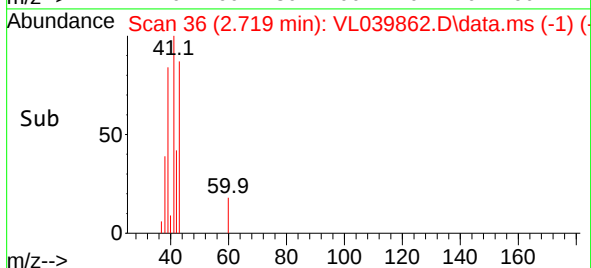
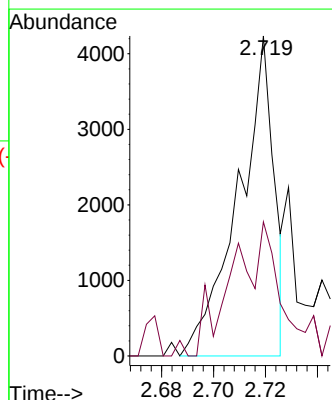
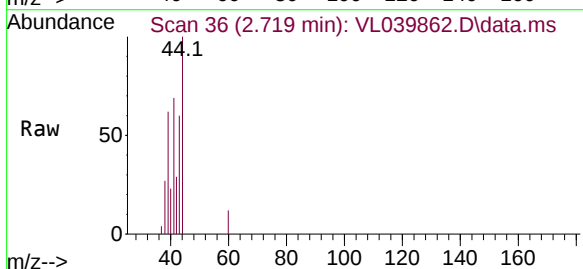
Instrument :
MSVOA_L
ClientSampleId :
QC0110922 CAN 10283

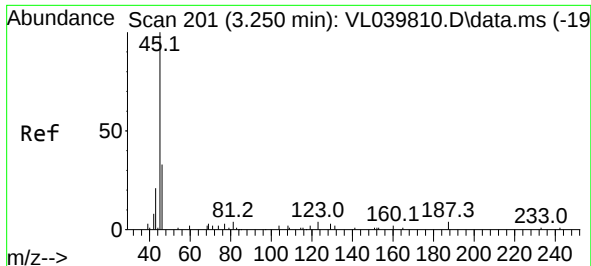
Tgt Ion: 49 Resp: 746219
Ion Ratio Lower Upper
49 100
128 45.8 24.6 73.6
130 58.8 31.1 93.2



#9
Propene
Concen: 0.087 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.013 min
Lab File: VL039862.D
Acq: 10 Nov 2022 8:35

Tgt Ion: 41 Resp: 4021
Ion Ratio Lower Upper
41 100
42 68.7 56.3 84.5

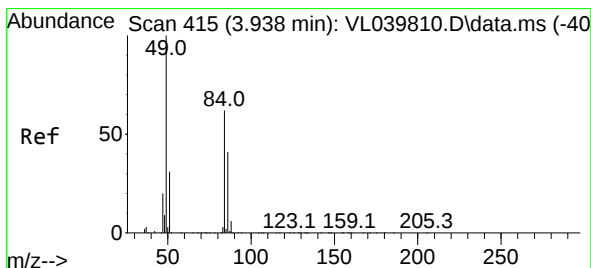
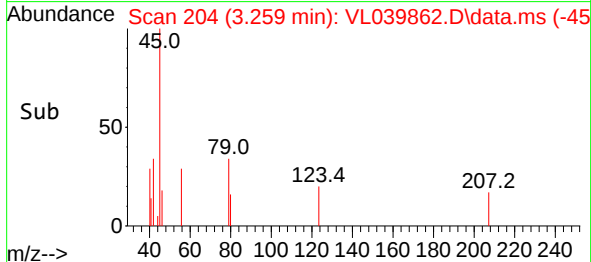
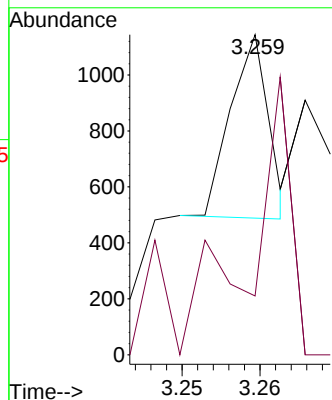
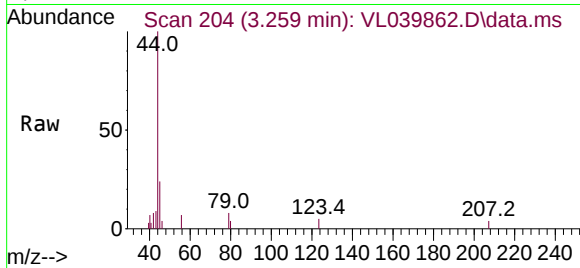




#13
Ethanol
Concen: 0.067 ppbv
RT: 3.259 min Scan# 201
Delta R.T. 0.010 min
Lab File: VL039862.D
Acq: 10 Nov 2022 8:35

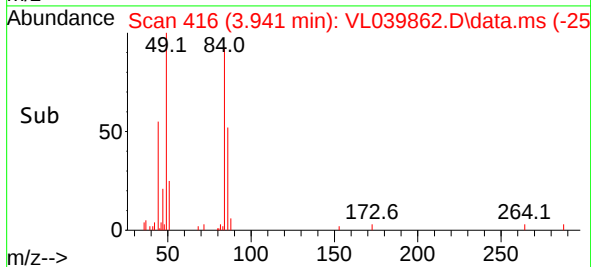
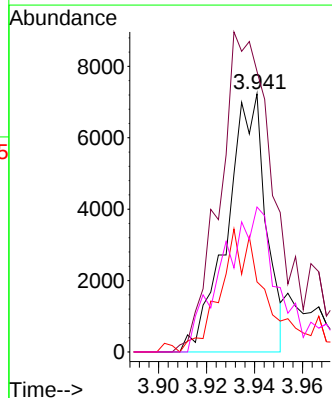
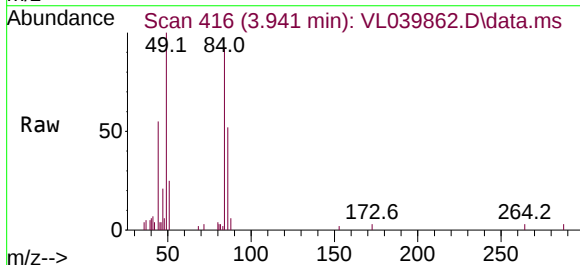
Instrument :
MSVOA_L
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QC0110922 CAN 10283

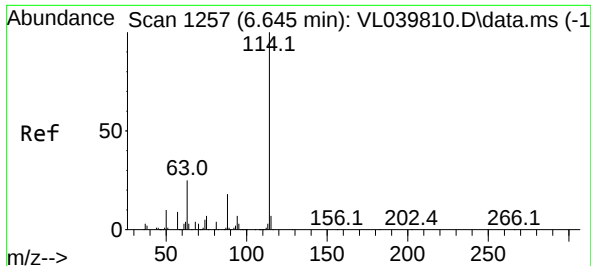
Tgt Ion: 45 Resp: 221
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#



#20
Methylene Chloride
Concen: 0.249 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL039862.D
Acq: 10 Nov 2022 8:35

Tgt Ion: 84 Resp: 8103
Ion Ratio Lower Upper
84 100
49 106.0 128.6 192.8#
51 27.1 40.2 60.4#
86 56.2 52.2 78.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039862.D

Acq: 10 Nov 2022 8:35

Instrument :

MSVOA_L

ClientSampleId :

QC0110922 CAN 10283

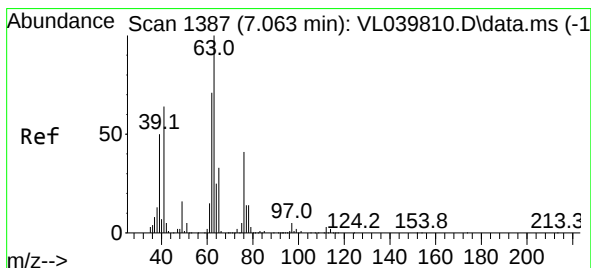
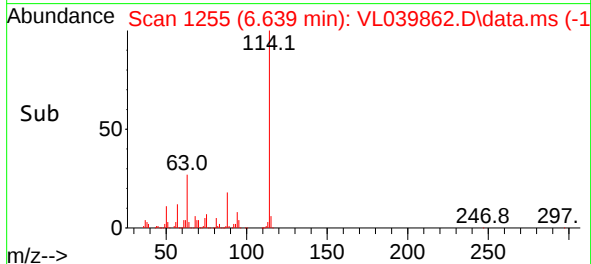
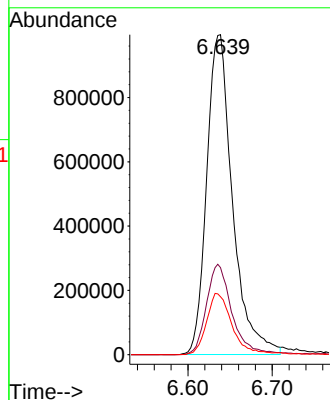
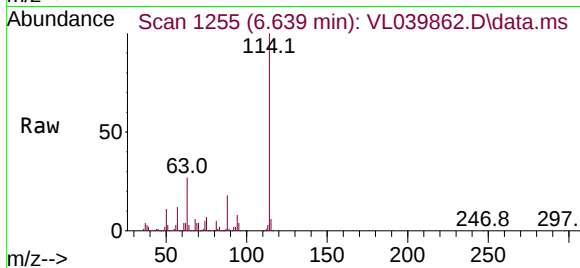
Tgt Ion:114 Resp: 2121750

Ion Ratio Lower Upper

114 100

63 28.4 19.8 29.6

88 19.1 14.4 21.6



#39

1,2-Dichloropropane

Concen: 0.089 ppbv

RT: 6.697 min Scan# 1273

Delta R.T. -0.366 min

Lab File: VL039862.D

Acq: 10 Nov 2022 8:35

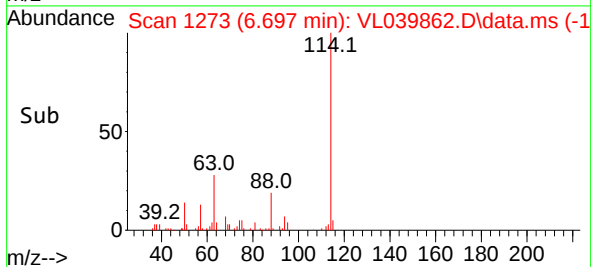
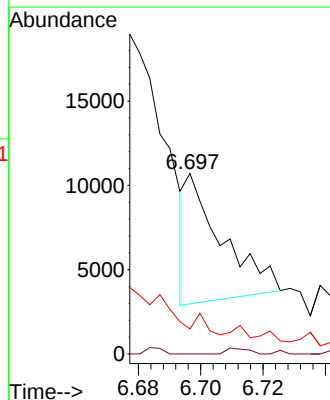
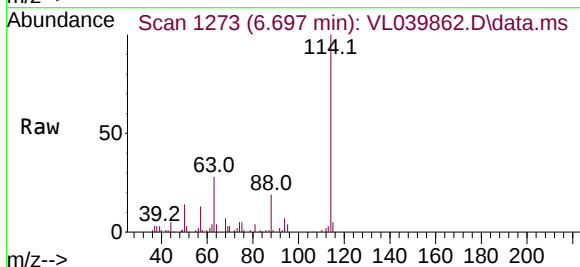
Tgt Ion: 63 Resp: 6217

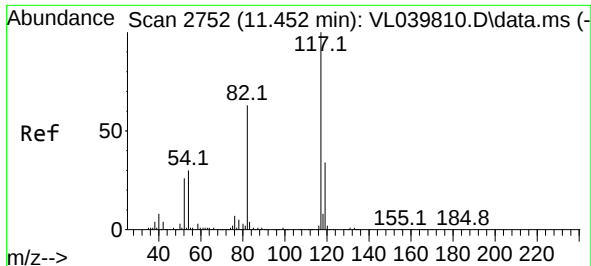
Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 10.3 56.6 85.0#

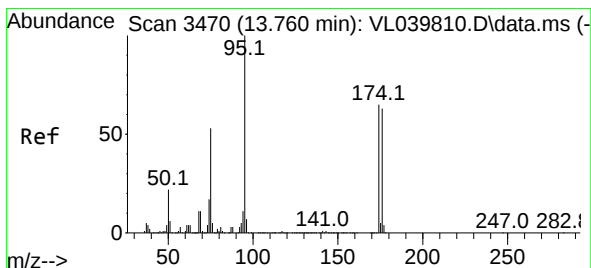
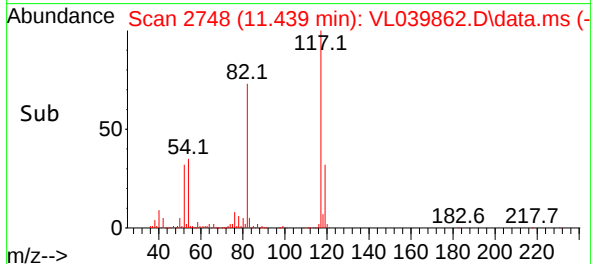
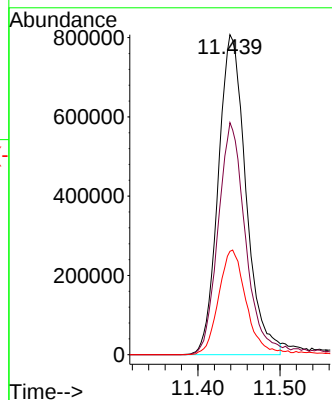
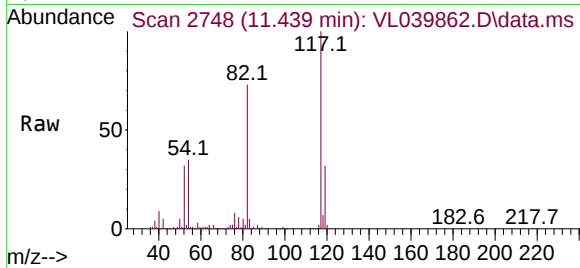




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039862.D
Acq: 10 Nov 2022 8:35

Instrument :
MSVOA_L
ClientSampleId :
QC0110922 CAN 10283

Tgt Ion:117 Resp: 1895688
Ion Ratio Lower Upper
117 100
82 73.7 51.0 76.6
119 33.8 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.856 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.010 min
Lab File: VL039862.D
Acq: 10 Nov 2022 8:35

Tgt Ion: 95 Resp: 1540383
Ion Ratio Lower Upper
95 100
174 61.5 53.4 80.0
175 4.1 4.1 6.1

