

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039827.D
 Acq On : 3 Nov 2022 15:54
 Operator : SY/AP
 Sample : QC102822 CAN 10268
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102822 CAN 10268

Quant Time: Nov 04 08:44:27 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)

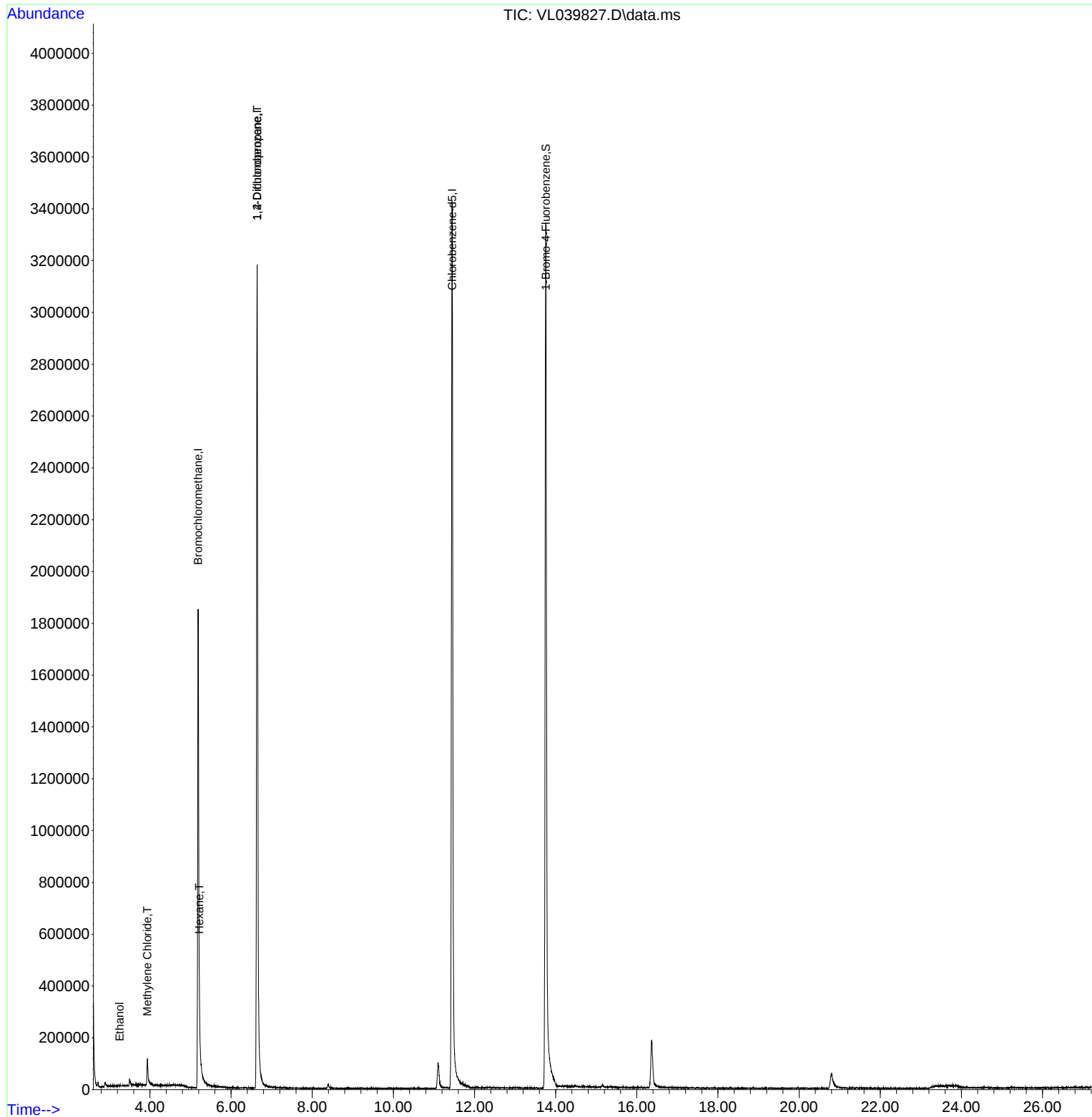
Internal Standards						
1) Bromochloromethane	5.188	49	1021078	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2763077	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2486795	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1936102	10.402	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%
Target Compounds						
					Qvalue	
13) Ethanol	3.253	45	380	0.085	ppbv #	34
20) Methylene Chloride	3.934	84	35301	0.794	ppbv	94
26) Hexane	5.217	57	6291	0.055	ppbv #	1
39) 1,2-Dichloropropane	6.642	63	644861	7.101	ppbv #	28

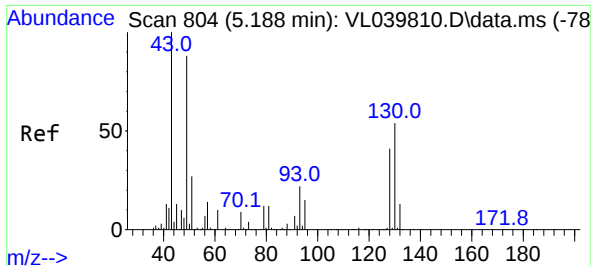
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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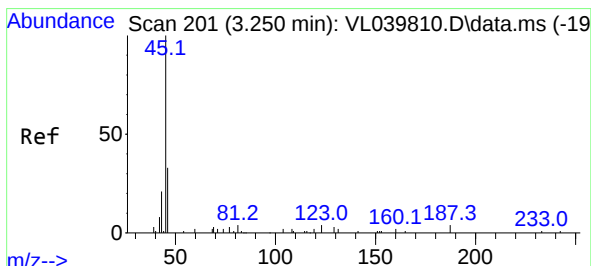
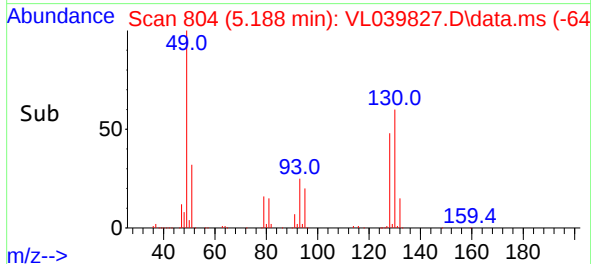
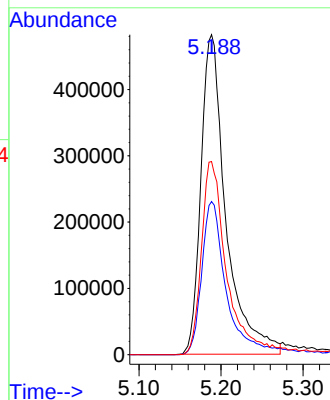
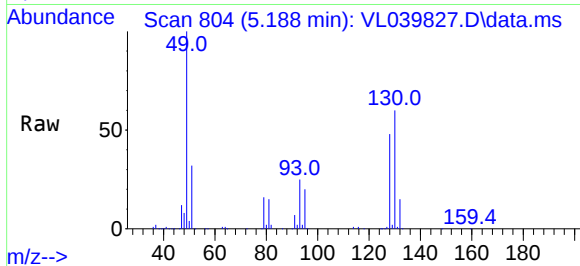




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL039827.D
Acq: 3 Nov 2022 15:54

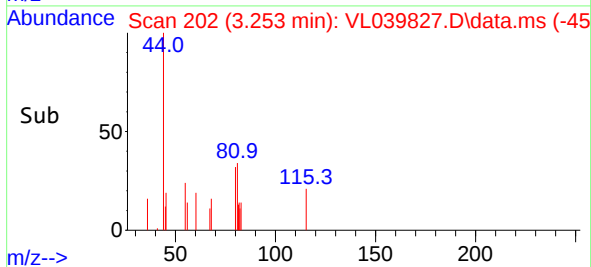
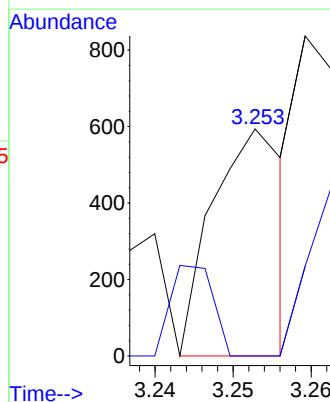
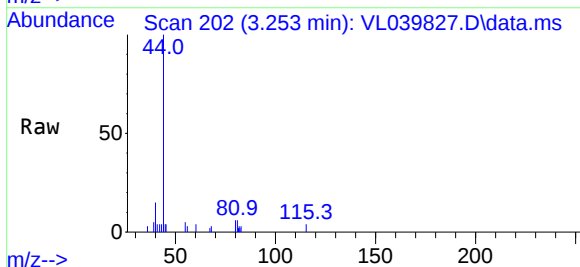
Instrument :
MSVOA_L
ClientSampleId :
QC102822 CAN 10268

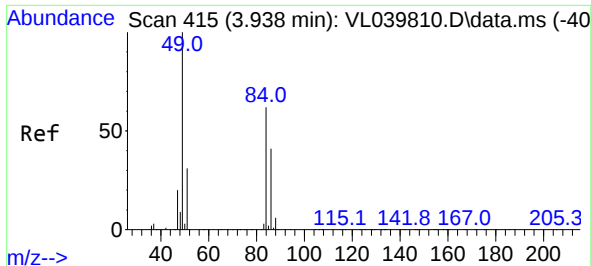
Tgt Ion: 49 Resp: 1021078
Ion Ratio Lower Upper
49 100
128 48.7 24.6 73.6
130 63.6 31.1 93.2



#13
Ethanol
Concen: 0.085 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.003 min
Lab File: VL039827.D
Acq: 3 Nov 2022 15:54

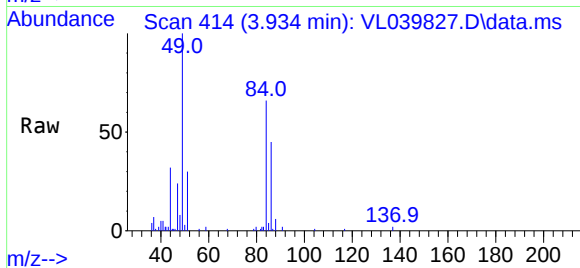
Tgt Ion: 45 Resp: 380
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#





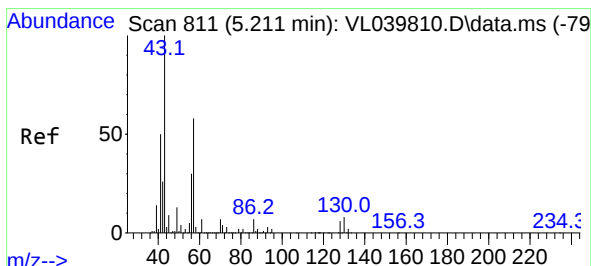
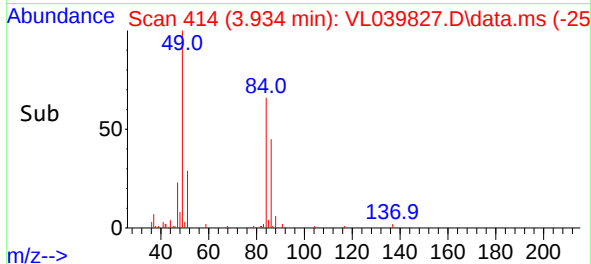
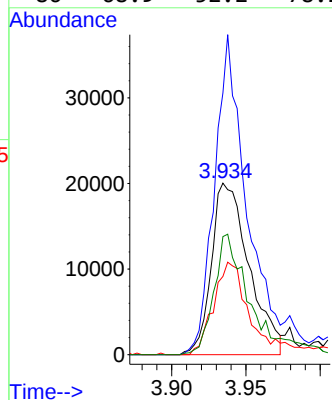
#20
Methylene Chloride
Concen: 0.794 ppbv
RT: 3.934 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL039827.D
Acq: 3 Nov 2022 15:54

Instrument :
MSVOA_L
ClientSampleId :
QC102822 CAN 10268



Tgt Ion: 84 Resp: 35301

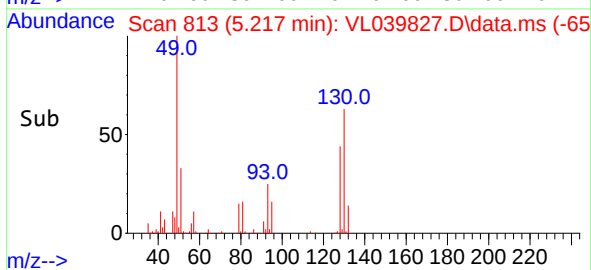
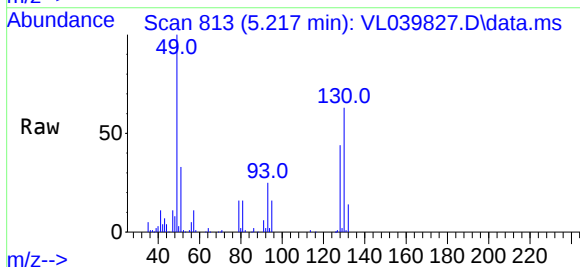
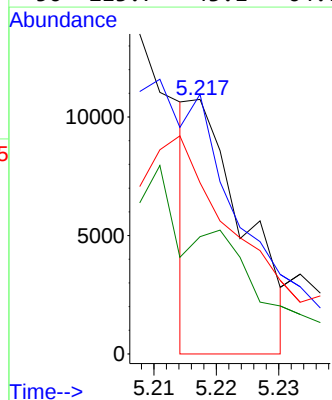
Ion	Ratio	Lower	Upper
84	100		
49	152.6	128.6	192.8
51	45.6	40.2	60.4
86	68.9	52.2	78.2

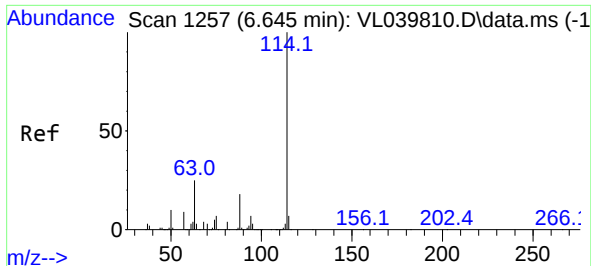


#26
Hexane
Concen: 0.055 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL039827.D
Acq: 3 Nov 2022 15:54

Tgt Ion: 57 Resp: 6291

Ion	Ratio	Lower	Upper
57	100		
41	368.0	73.7	110.5#
43	315.7	189.8	284.8#
56	213.7	43.1	64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.003 min

Lab File: VL039827.D

Acq: 3 Nov 2022 15:54

Instrument :

MSVOA_L

ClientSampleId :

QC102822 CAN 10268

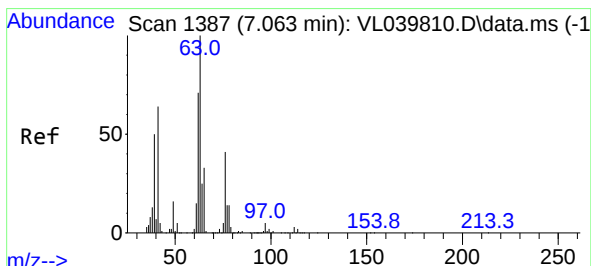
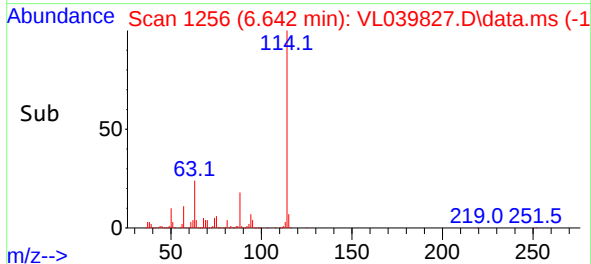
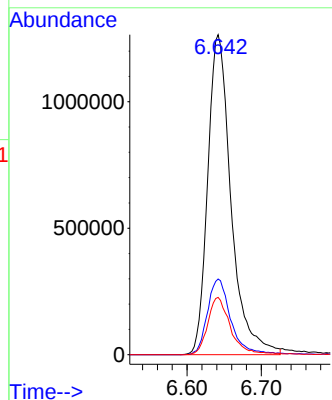
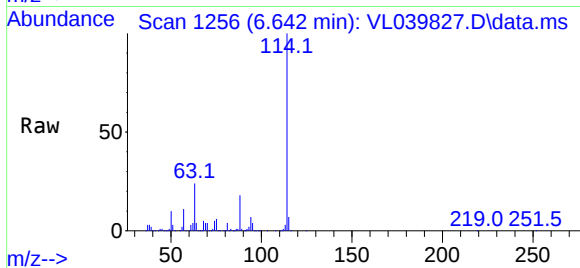
Tgt Ion:114 Resp: 2763077

Ion Ratio Lower Upper

114 100

63 24.0 19.8 29.6

88 17.7 14.4 21.6



#39

1,2-Dichloropropane

Concen: 7.101 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.421 min

Lab File: VL039827.D

Acq: 3 Nov 2022 15:54

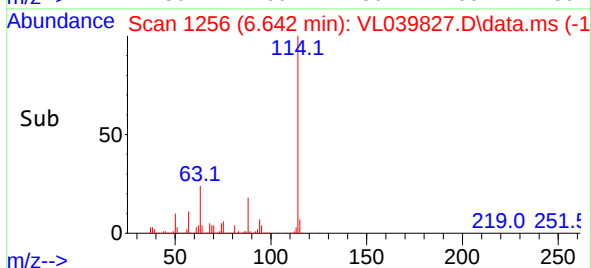
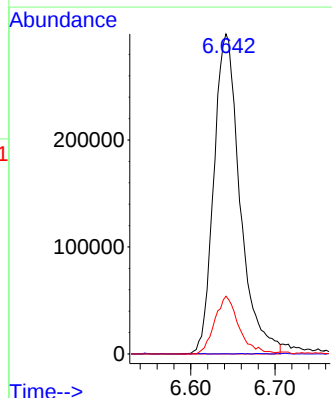
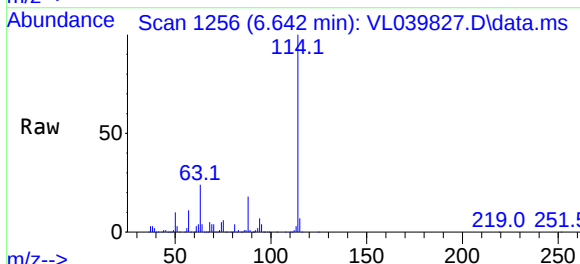
Tgt Ion: 63 Resp: 644861

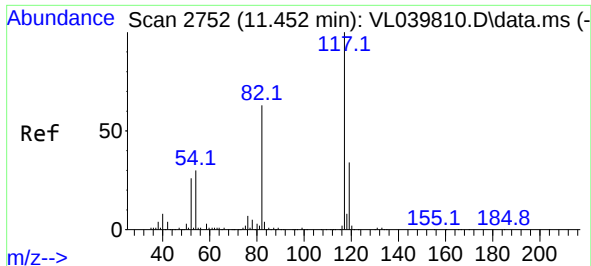
Ion Ratio Lower Upper

63 100

41 0.1 51.0 76.4#

62 18.1 56.6 85.0#

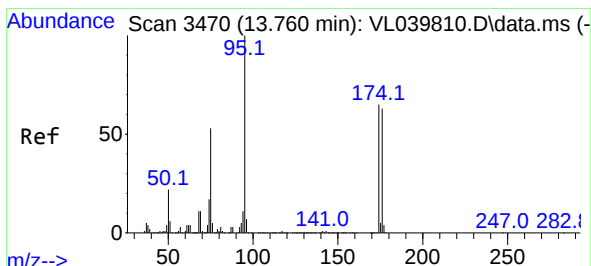
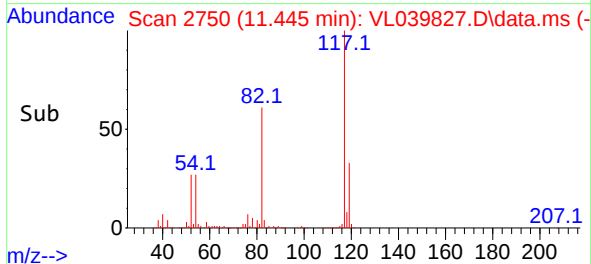
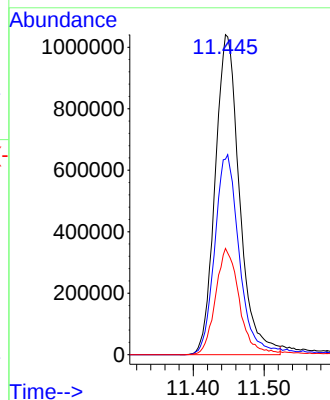
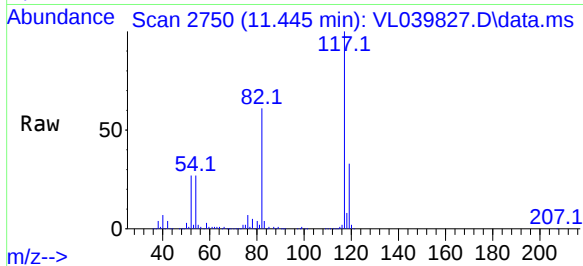




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039827.D
Acq: 3 Nov 2022 15:54

Instrument :
MSVOA_1
ClientSampleId :
QC102822 CAN 10268

Tgt Ion:117 Resp: 2486795
Ion Ratio Lower Upper
117 100
82 65.8 51.0 76.6
119 33.9 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.402 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.003 min
Lab File: VL039827.D
Acq: 3 Nov 2022 15:54

Tgt Ion: 95 Resp: 1936102
Ion Ratio Lower Upper
95 100
174 63.2 53.4 80.0
175 4.6 4.1 6.1

