

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039676.D
 Acq On : 22 Sep 2022 21:30
 Operator : SY/AP
 Sample : QC091922 CAN 10608
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091922 CAN 10608

Quant Time: Sep 23 06:37:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

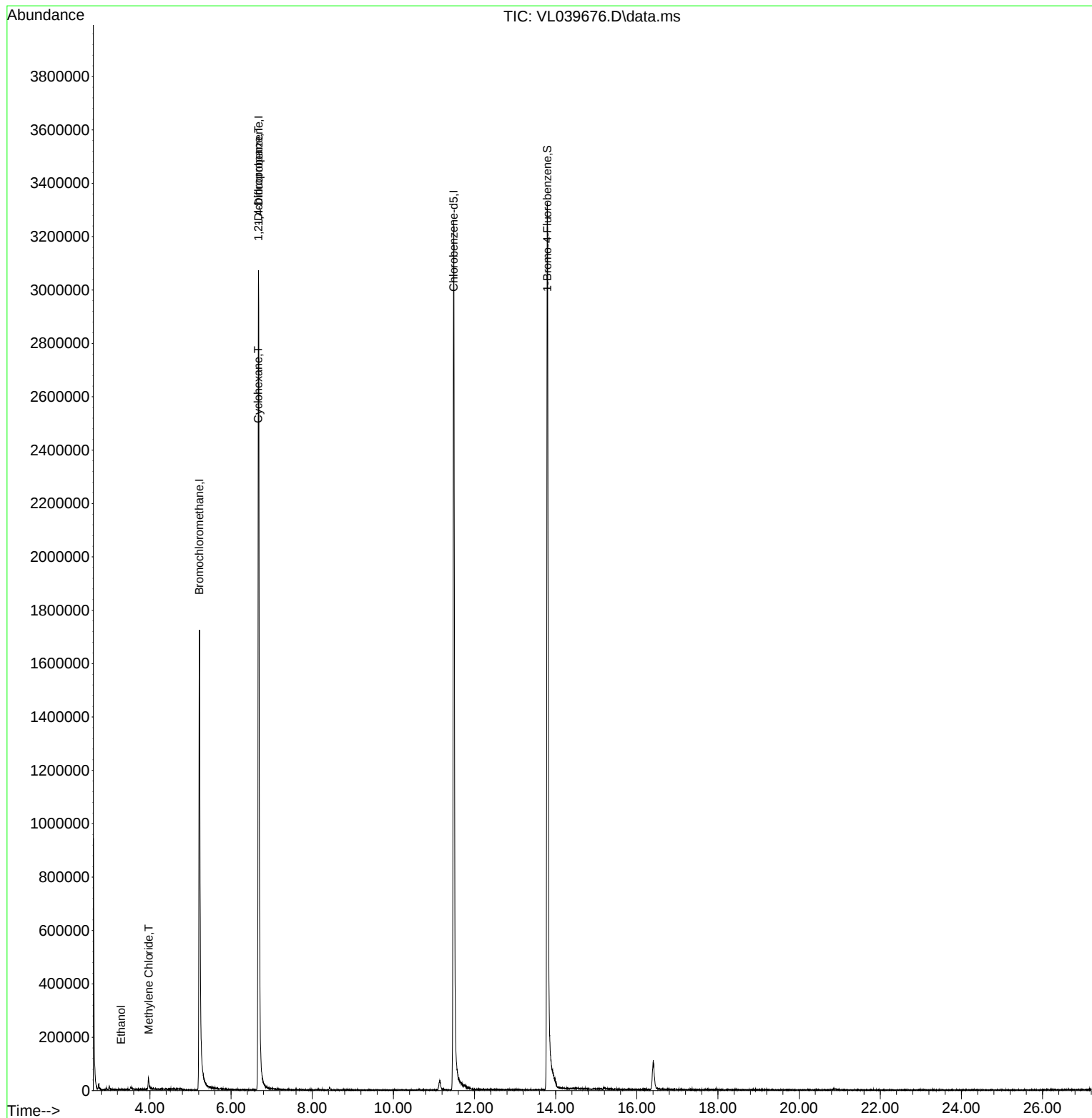
Internal Standards						
1) Bromochloromethane	5.218	49	936316	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.677	114	2383919	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2166646	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1619230	10.011	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.100%	
Target Compounds						
					Qvalue	
13) Ethanol	3.288	45	247	0.064	ppbv #	23
20) Methylene Chloride	3.967	84	12682	0.263	ppbv #	80
30) Cyclohexane	6.668	84	6152	0.082	ppbv #	1
39) 1,2-Dichloropropane	6.674	63	585034	8.313	ppbv #	25

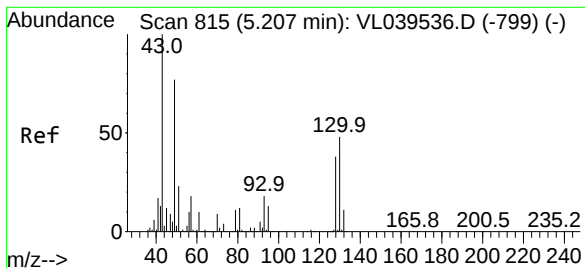
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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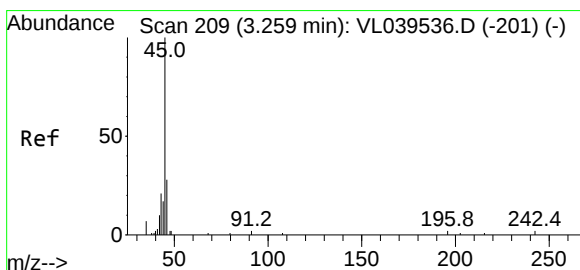
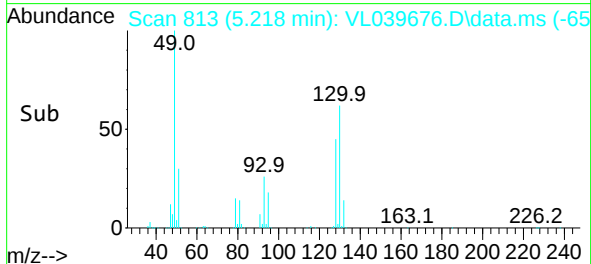
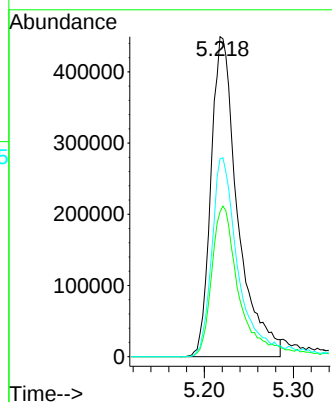
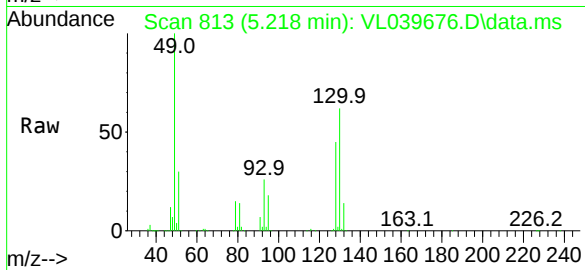




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 815
Delta R.T. 0.011 min
Lab File: VL039676.D
Acq: 22 Sep 2022 21:30

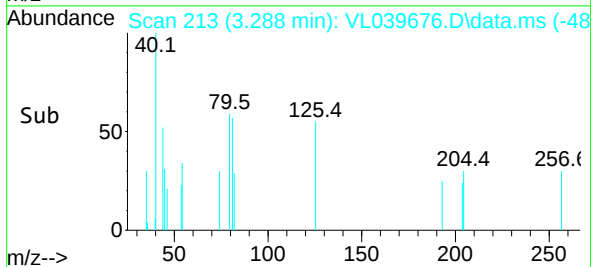
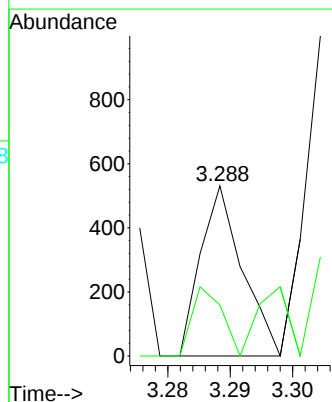
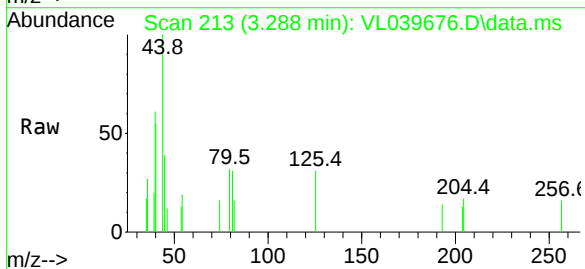
Instrument :
MSVOA_L
ClientSampleId :
QC091922 CAN 10608

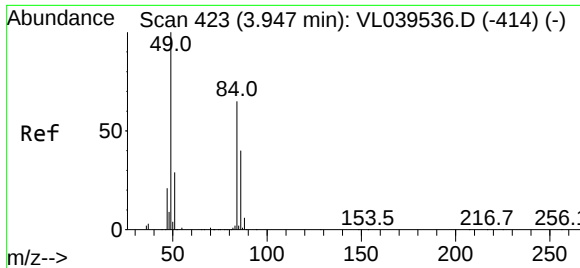
Tgt Ion: 49 Resp: 936316
Ion Ratio Lower Upper
49 100
128 50.8 26.7 80.0
130 65.3 34.3 102.8



#13
Ethanol
Concen: 0.064 ppbv
RT: 3.288 min Scan# 213
Delta R.T. 0.030 min
Lab File: VL039676.D
Acq: 22 Sep 2022 21:30

Tgt Ion: 45 Resp: 247
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#

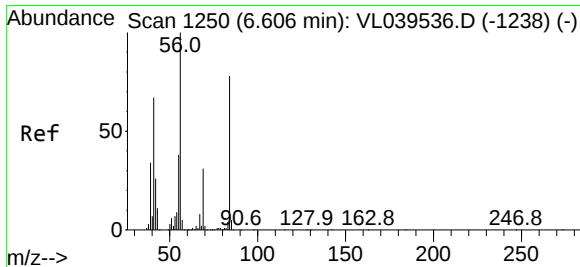
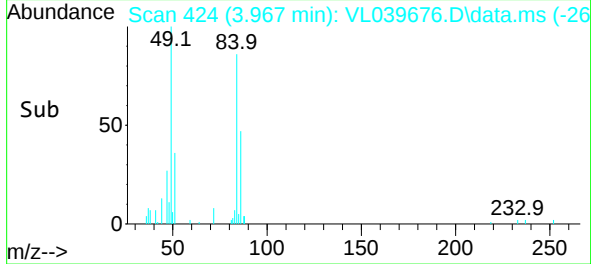
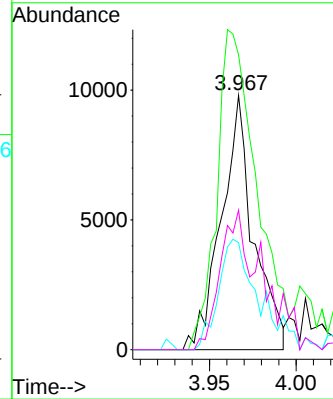
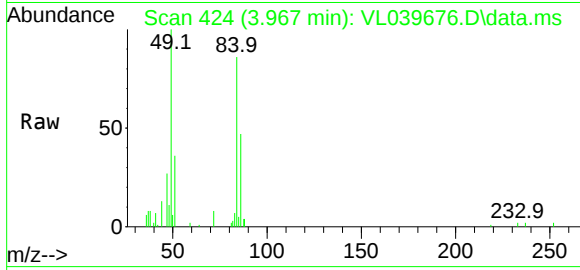




#20
Methylene Chloride
Concen: 0.263 ppbv
RT: 3.967 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039676.D
Acq: 22 Sep 2022 21:30

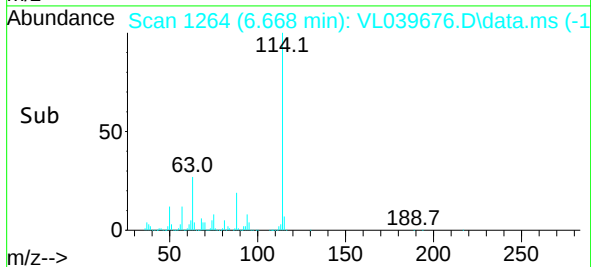
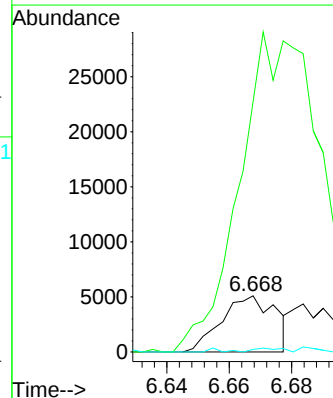
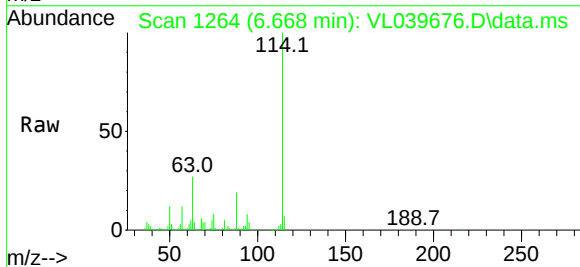
Instrument :
MSVOA_L
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QC091922 CAN 10608

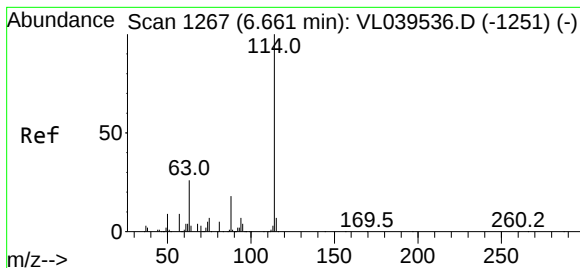
Tgt Ion:	84	Resp:	12682
Ion	Ratio	Lower	Upper
84	100		
49	115.9	123.1	184.7#
51	42.1	34.4	51.6
86	54.9	51.1	76.7



#30
Cyclohexane
Concen: 0.082 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.062 min
Lab File: VL039676.D
Acq: 22 Sep 2022 21:30

Tgt Ion:	84	Resp:	6152
Ion	Ratio	Lower	Upper
84	100		
56	1021.9	107.7	161.5#
41	1.2	67.7	101.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.677 min Scan# 1267

Delta R.T. 0.017 min

Lab File: VL039676.D

Acq: 22 Sep 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

QC091922 CAN 10608

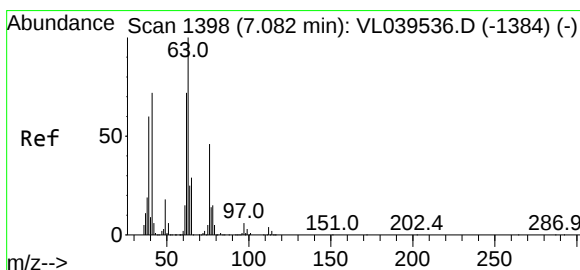
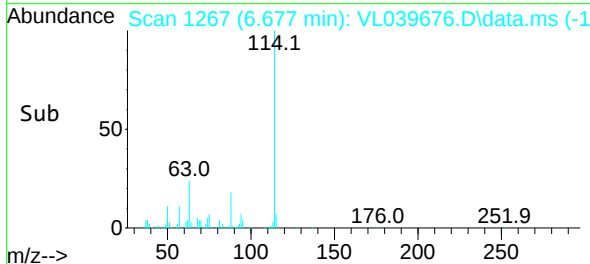
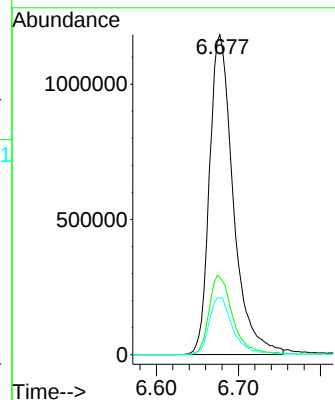
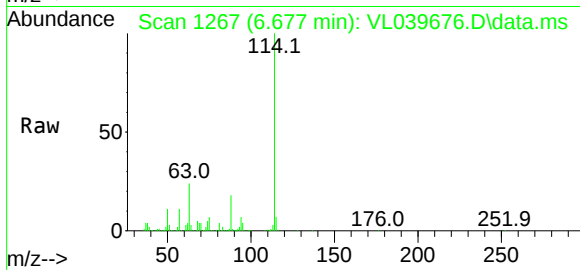
Tgt Ion:114 Resp: 2383919

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.4

88 18.0 14.5 21.7



#39

1,2-Dichloropropane

Concen: 8.313 ppbv

RT: 6.674 min Scan# 1266

Delta R.T. -0.408 min

Lab File: VL039676.D

Acq: 22 Sep 2022 21:30

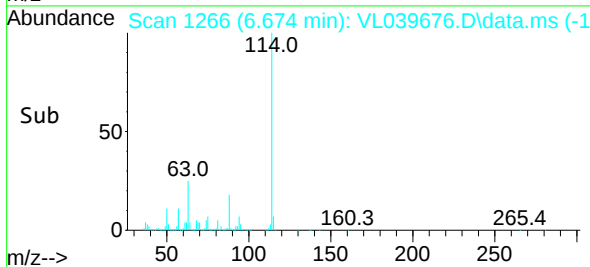
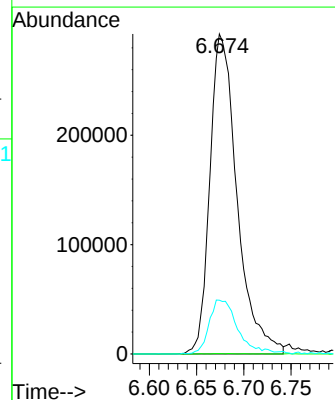
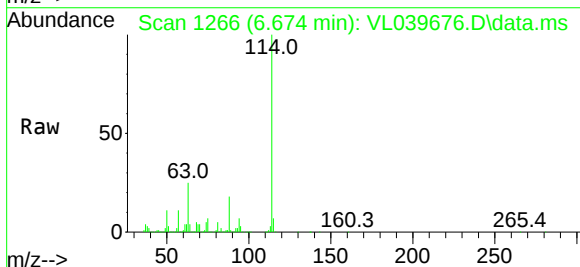
Tgt Ion: 63 Resp: 585034

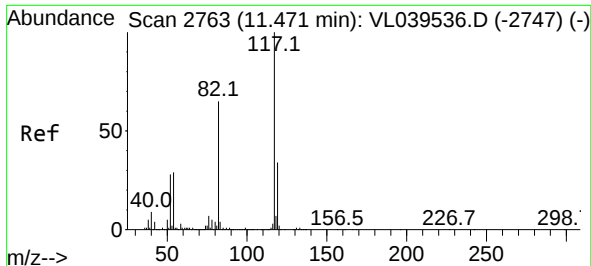
Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 16.6 51.4 77.0#



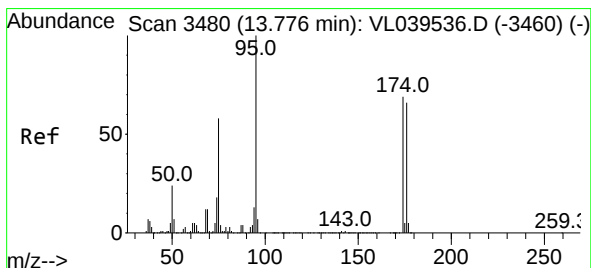
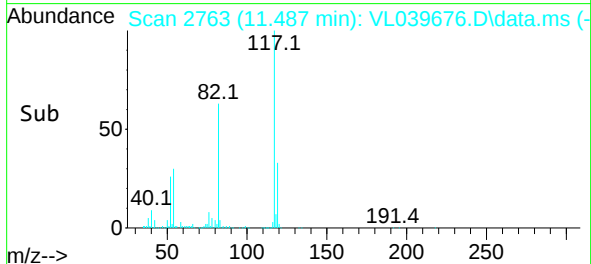
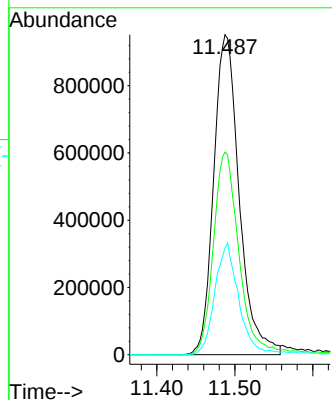
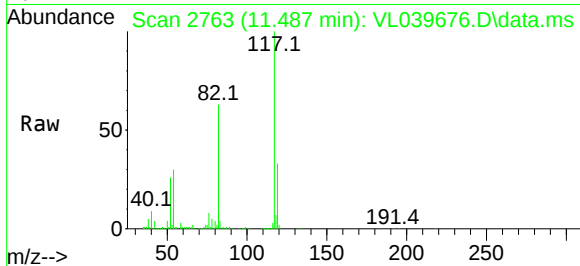


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.017 min
Lab File: VL039676.D
Acq: 22 Sep 2022 21:30

Instrument :
MSVOA_L
ClientSampleId :
QC091922 CAN 10608

Tgt Ion: 117 Resp: 2166646

Ion	Ratio	Lower	Upper
117	100		
82	65.0	50.8	76.2
119	32.7	24.1	36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.011 ppbv
RT: 13.796 min Scan# 3481
Delta R.T. 0.020 min
Lab File: VL039676.D
Acq: 22 Sep 2022 21:30

Tgt Ion: 95 Resp: 1619230

Ion	Ratio	Lower	Upper
95	100		
174	71.7	55.9	83.9
175	5.2	4.2	6.4

