

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040637.D
 Acq On : 15 Aug 2023 18:04
 Operator : SY/MD
 Sample : VL0815ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0815ABL01

Quant Time: Aug 16 05:56:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

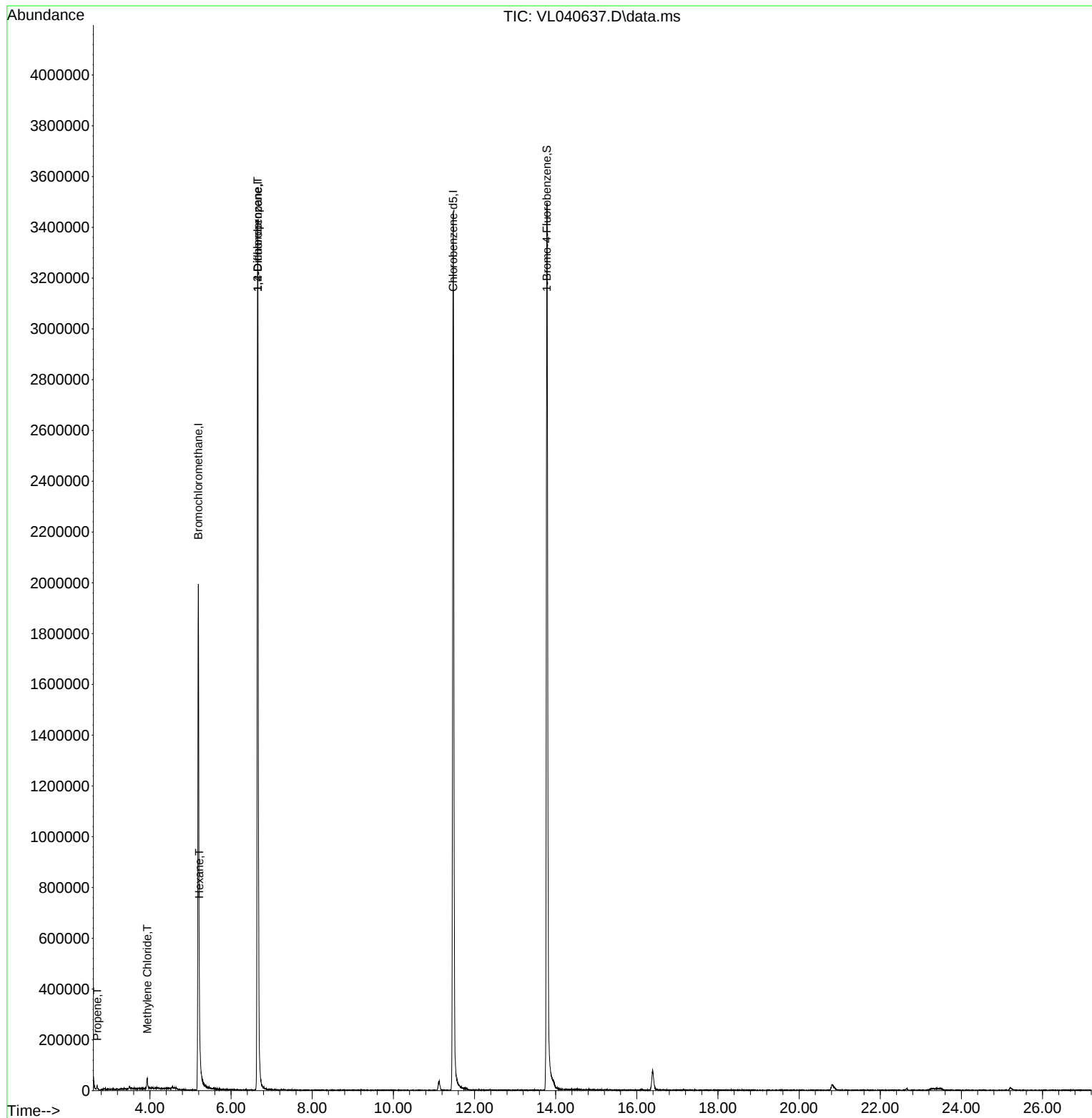
Internal Standards						
1) Bromochloromethane	5.192	49	924764	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2503906	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2121179	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1729961	10.255	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%
Target Compounds						
					Qvalue	
9) Propene	2.700	41	3445	0.073	ppbv #	83
20) Methylene Chloride	3.934	84	13097	0.237	ppbv #	78
26) Hexane	5.214	57	6533	0.064	ppbv #	39
39) 1,2-Dichloropropane	6.655	63	629595	8.308	ppbv #	24

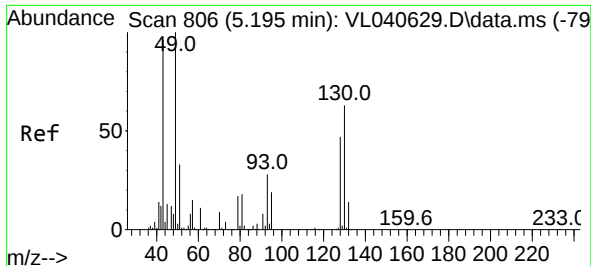
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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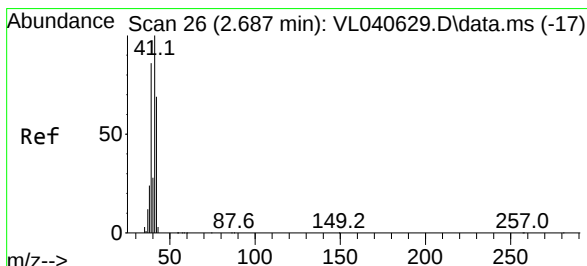
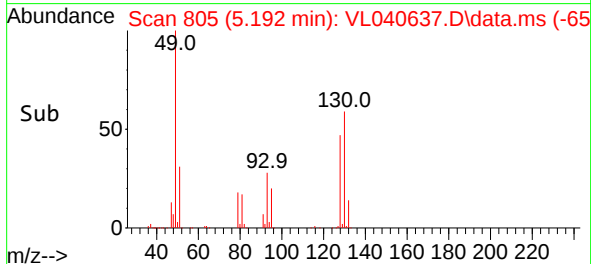
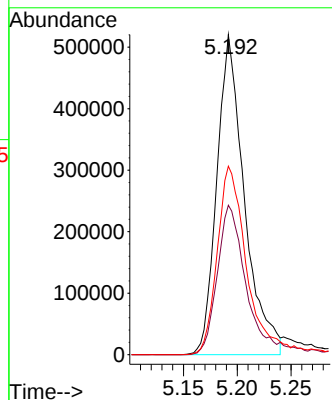
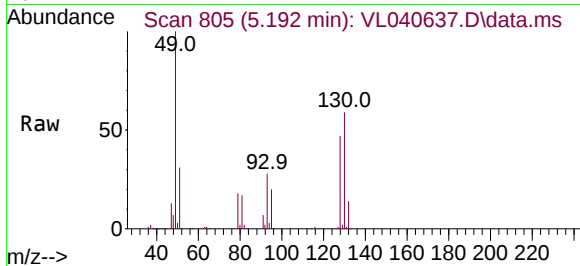




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040637.D
Acq: 15 Aug 2023 18:04

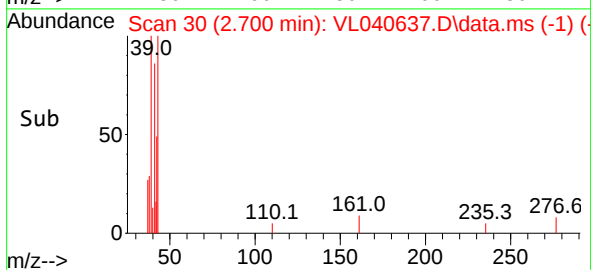
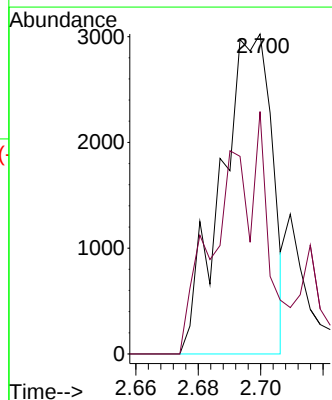
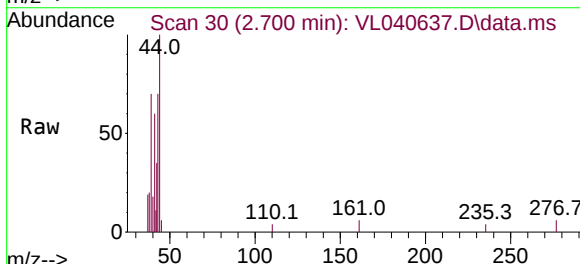
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABL01

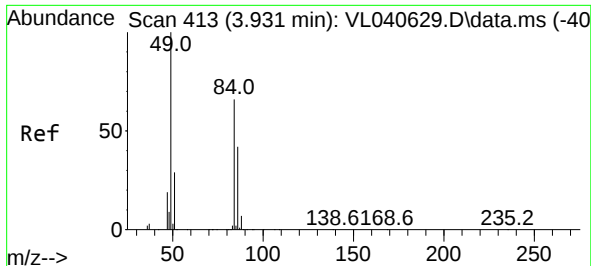
Tgt Ion: 49 Resp: 924764
Ion Ratio Lower Upper
49 100
128 52.5 24.9 74.7
130 65.9 32.2 96.6



#9
Propene
Concen: 0.073 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL040637.D
Acq: 15 Aug 2023 18:04

Tgt Ion: 41 Resp: 3445
Ion Ratio Lower Upper
41 100
42 85.0 56.5 84.7#

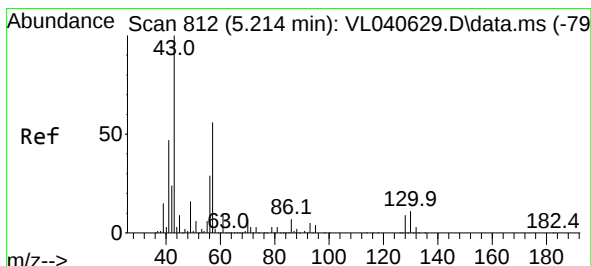
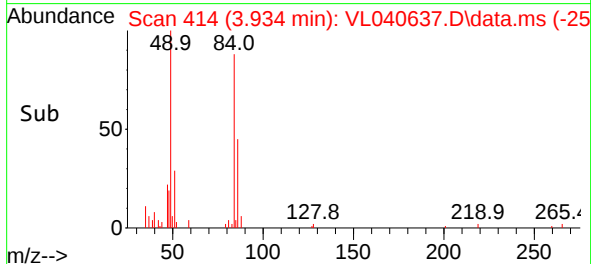
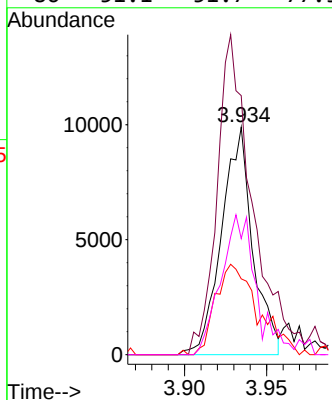
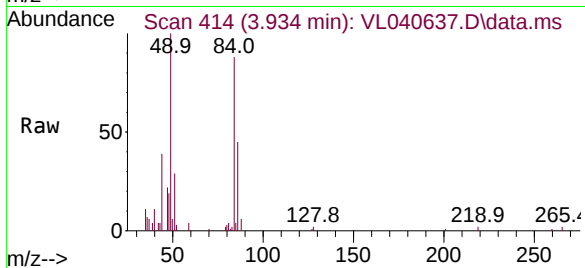




#20
Methylene Chloride
Concen: 0.237 ppbv
RT: 3.934 min Scan# 413
Delta R.T. 0.003 min
Lab File: VL040637.D
Acq: 15 Aug 2023 18:04

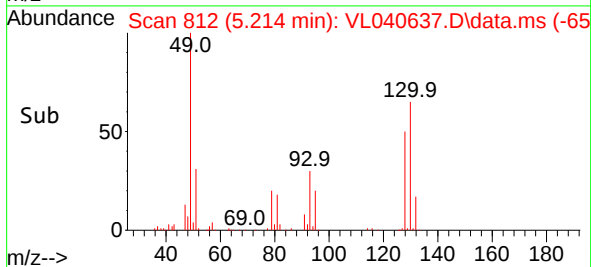
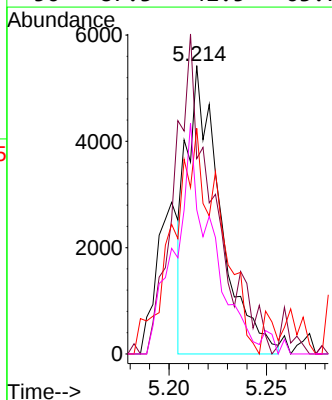
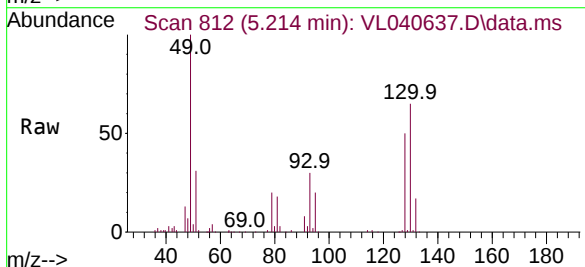
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABL01

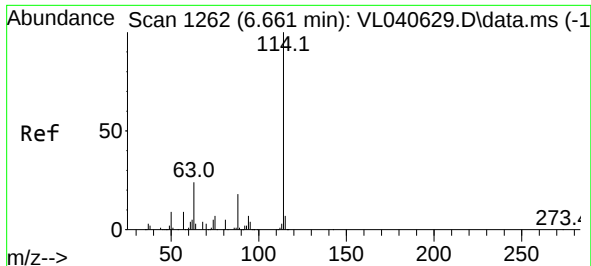
Tgt Ion:	84	Resp:	13097
Ion	Ratio	Lower	Upper
84	100		
49	120.6	122.1	183.1#
51	33.4	35.4	53.2#
86	51.1	51.7	77.5#



#26
Hexane
Concen: 0.064 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL040637.D
Acq: 15 Aug 2023 18:04

Tgt Ion:	57	Resp:	6533
Ion	Ratio	Lower	Upper
57	100		
41	134.3	69.3	103.9#
43	113.3	177.9	266.9#
56	87.3	42.5	63.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040637.D

Acq: 15 Aug 2023 18:04

Instrument :

MSVOA_L

ClientSampleId :

VL0815ABL01

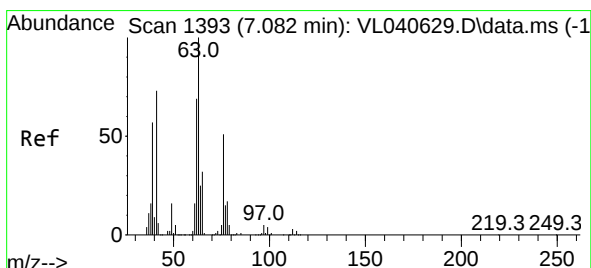
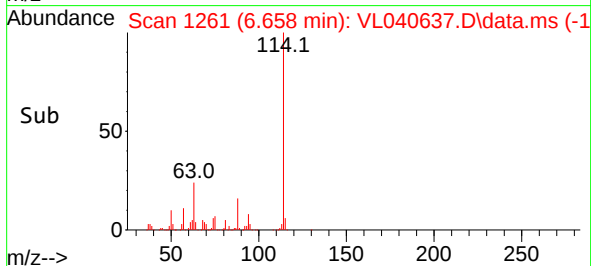
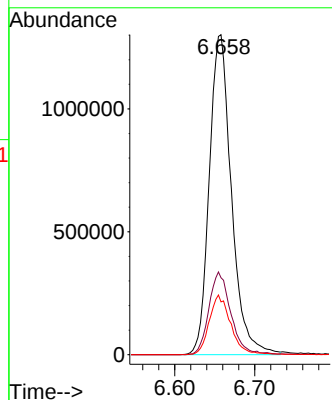
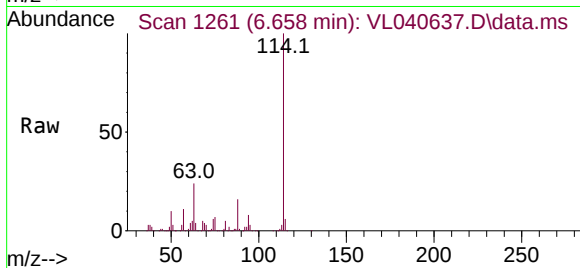
Tgt Ion:114 Resp: 2503906

Ion Ratio Lower Upper

114 100

63 25.8 20.2 30.2

88 18.3 14.1 21.1



#39

1,2-Dichloropropane

Concen: 8.308 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.428 min

Lab File: VL040637.D

Acq: 15 Aug 2023 18:04

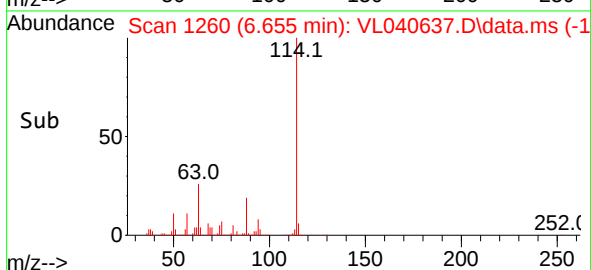
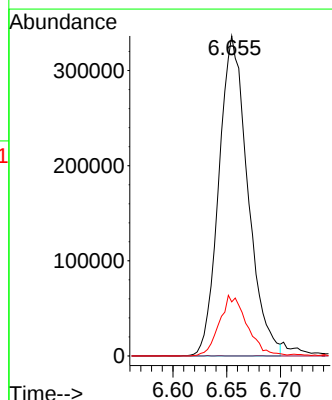
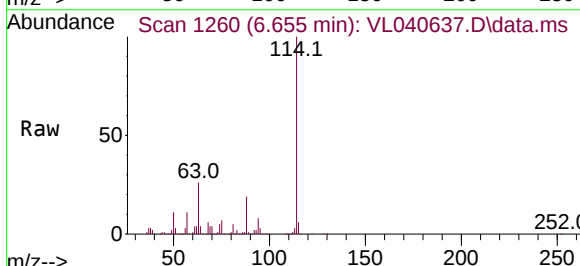
Tgt Ion: 63 Resp: 629595

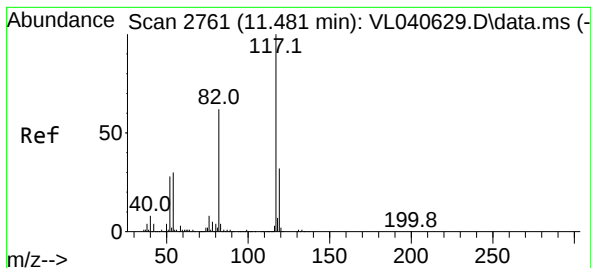
Ion Ratio Lower Upper

63 100

41 0.0 58.2 87.2#

62 16.9 55.0 82.4#

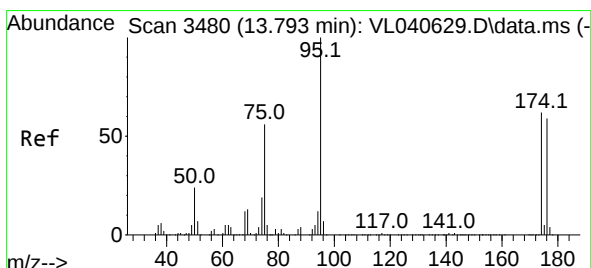
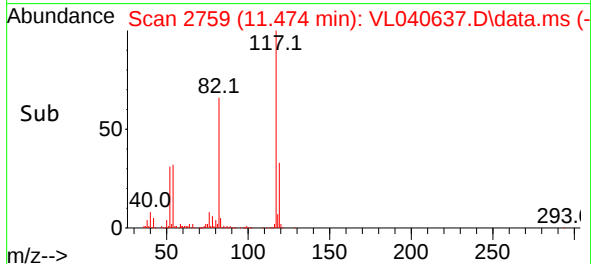
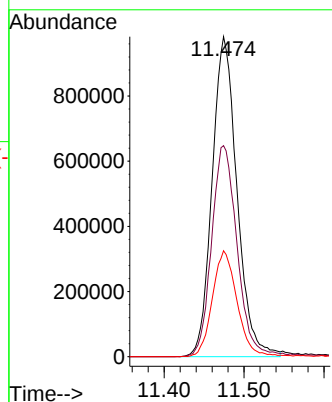
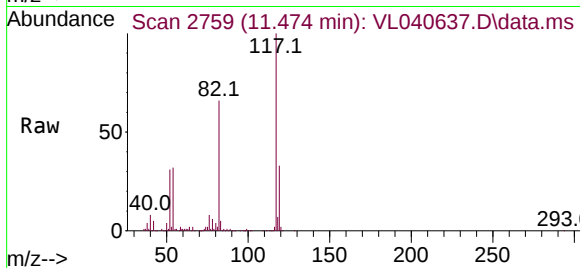




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040637.D
Acq: 15 Aug 2023 18:04

Instrument :
MSVOA_1
ClientSampleId :
VL0815ABL01

Tgt Ion:117 Resp: 2121179
Ion Ratio Lower Upper
117 100
82 68.6 49.5 74.3
119 33.2 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.255 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. -0.007 min
Lab File: VL040637.D
Acq: 15 Aug 2023 18:04

Tgt Ion: 95 Resp: 1729961
Ion Ratio Lower Upper
95 100
174 60.8 49.1 73.7
175 4.2 3.7 5.5

