

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040675.D
 Acq On : 7 Sep 2023 19:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 07 20:41:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

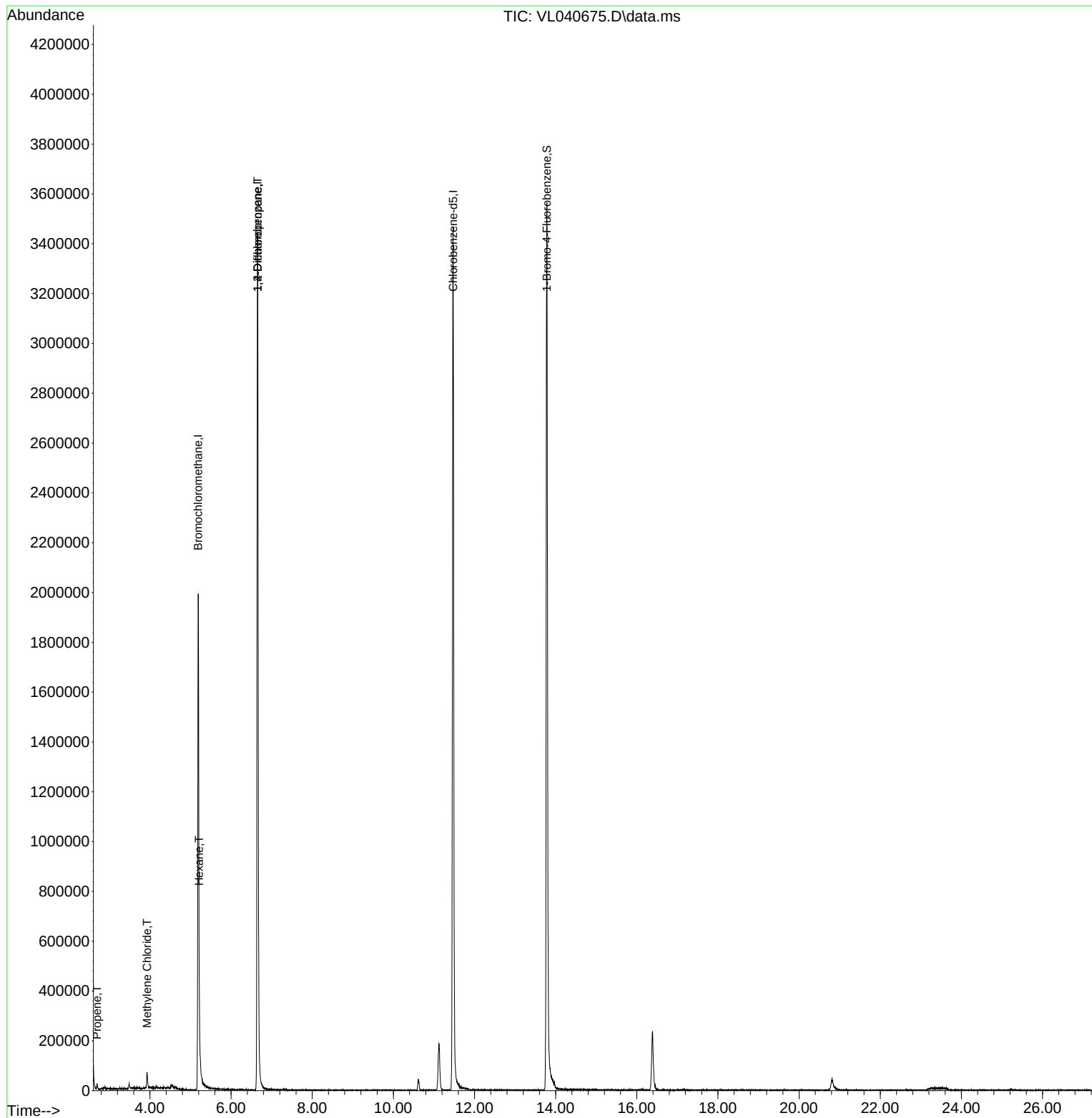
Internal Standards						
1) Bromochloromethane	5.189	49	928667	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2538188	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2177667	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1723003	9.949	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	6162	0.130	ppbv	86
20) Methylene Chloride	3.931	84	17696	0.319	ppbv #	91
26) Hexane	5.211	57	8136	0.079	ppbv #	37
39) 1,2-Dichloropropane	6.651	63	642493	8.363	ppbv #	25

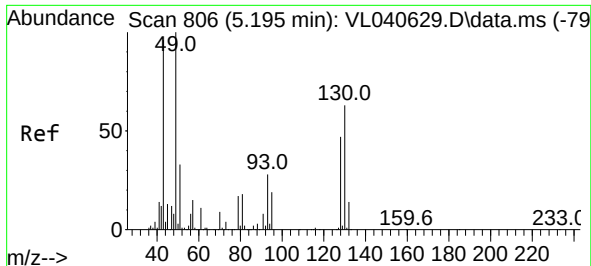
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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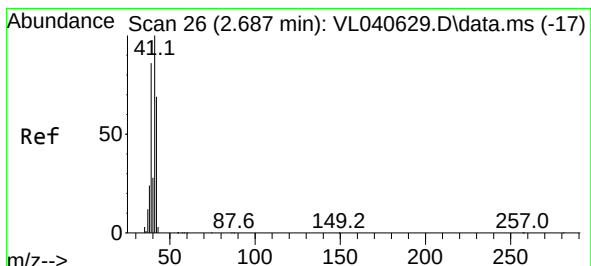
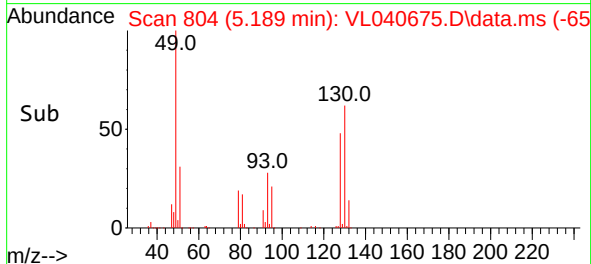
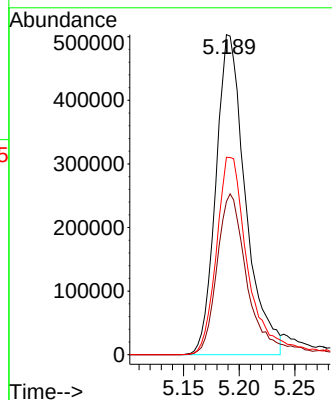
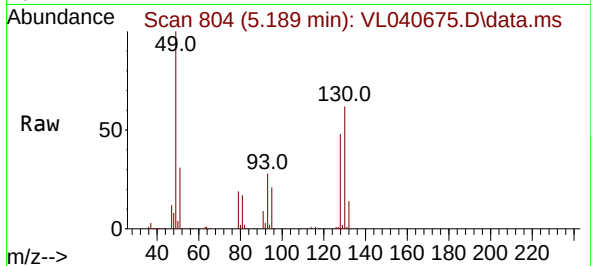




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040675.D
Acq: 7 Sep 2023 19:30

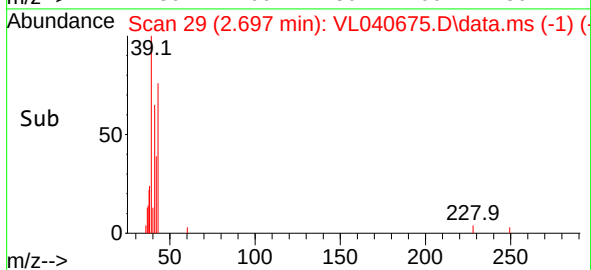
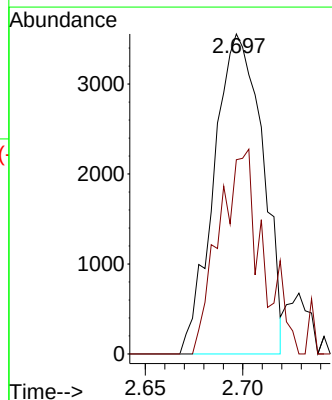
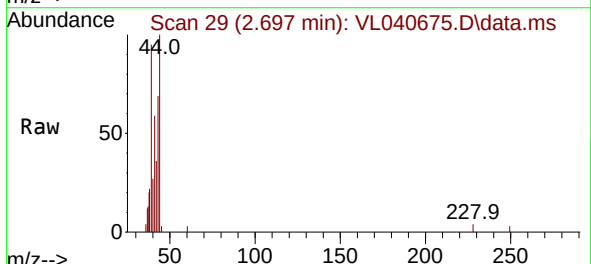
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

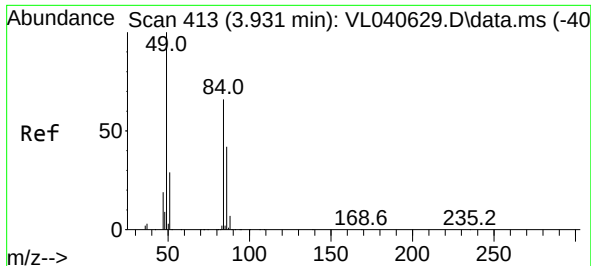
Tgt Ion: 49 Resp: 928667
Ion Ratio Lower Upper
49 100
128 53.6 24.9 74.7
130 67.5 32.2 96.6



#9
Propene
Concen: 0.130 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.010 min
Lab File: VL040675.D
Acq: 7 Sep 2023 19:30

Tgt Ion: 41 Resp: 6162
Ion Ratio Lower Upper
41 100
42 59.1 56.5 84.7

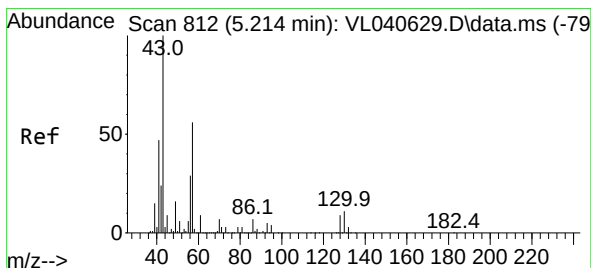
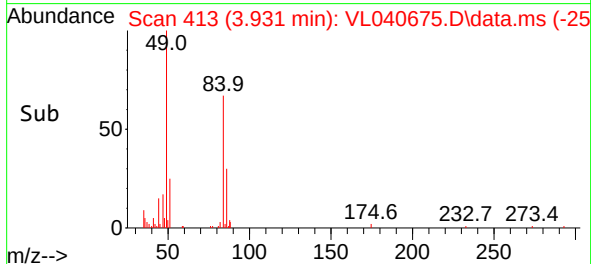
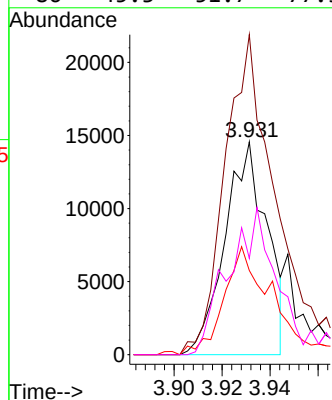
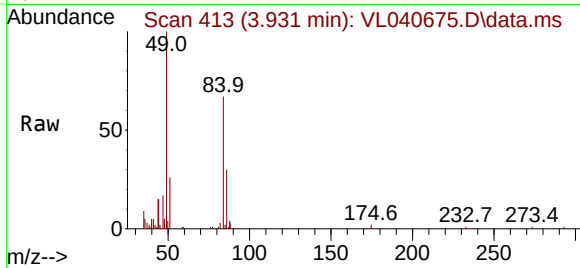




#20
Methylene Chloride
Concen: 0.319 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.000 min
Lab File: VL040675.D
Acq: 7 Sep 2023 19:30

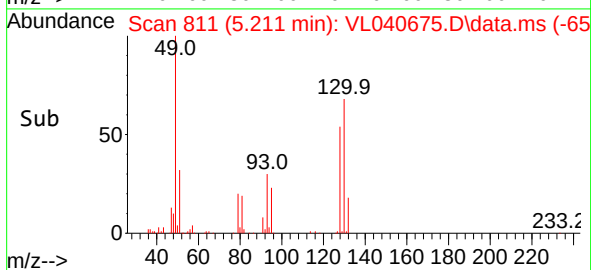
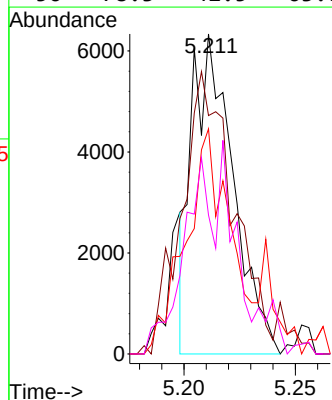
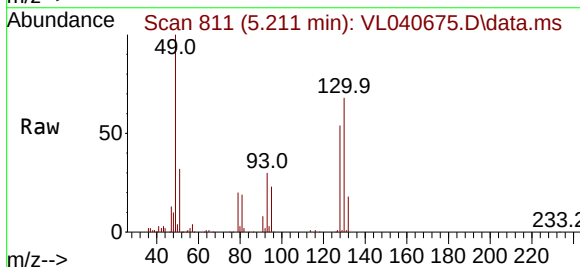
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

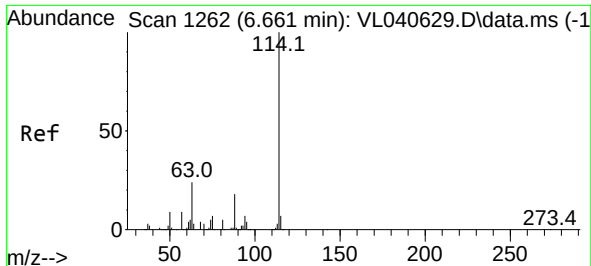
Tgt Ion: 84 Resp: 17696
Ion Ratio Lower Upper
84 100
49 156.9 122.1 183.1
51 39.6 35.4 53.2
86 45.3 51.7 77.5#



#26
Hexane
Concen: 0.079 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040675.D
Acq: 7 Sep 2023 19:30

Tgt Ion: 57 Resp: 8136
Ion Ratio Lower Upper
57 100
41 116.3 69.3 103.9#
43 91.2 177.9 266.9#
56 78.3 42.5 63.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040675.D

Acq: 7 Sep 2023 19:30

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

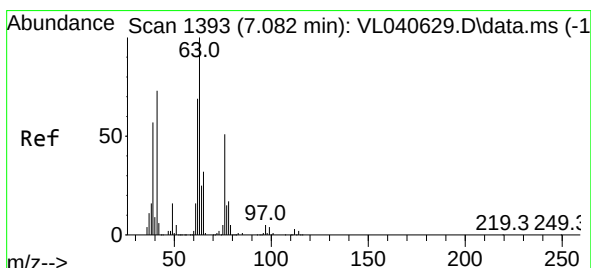
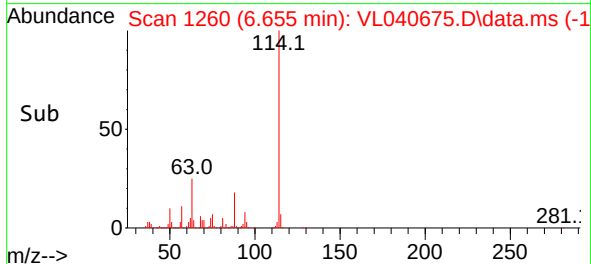
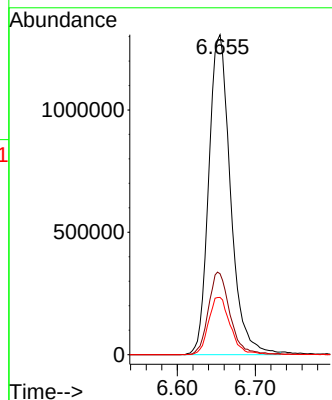
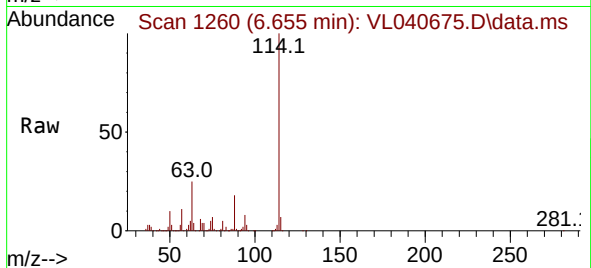
Tgt Ion:114 Resp: 2538188

Ion Ratio Lower Upper

114 100

63 25.9 20.2 30.2

88 18.1 14.1 21.1



#39

1,2-Dichloropropane

Concen: 8.363 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.431 min

Lab File: VL040675.D

Acq: 7 Sep 2023 19:30

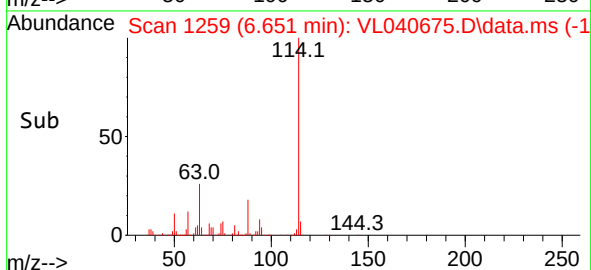
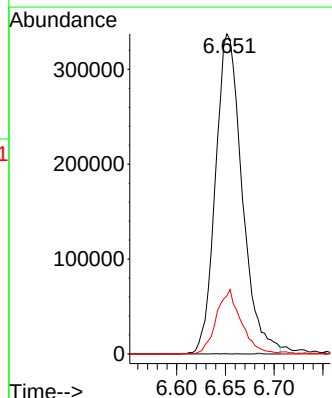
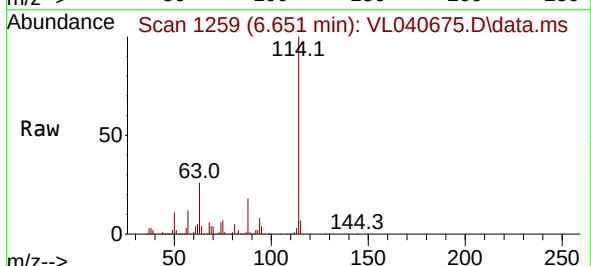
Tgt Ion: 63 Resp: 642493

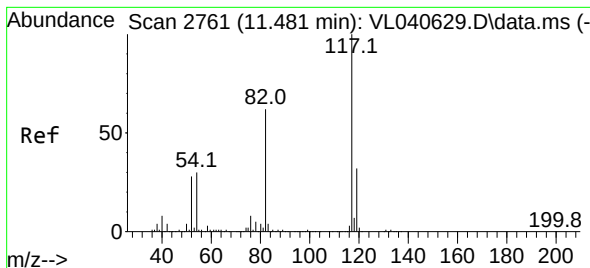
Ion Ratio Lower Upper

63 100

41 0.1 58.2 87.2#

62 18.2 55.0 82.4#

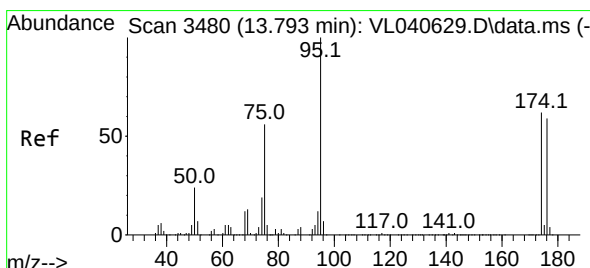
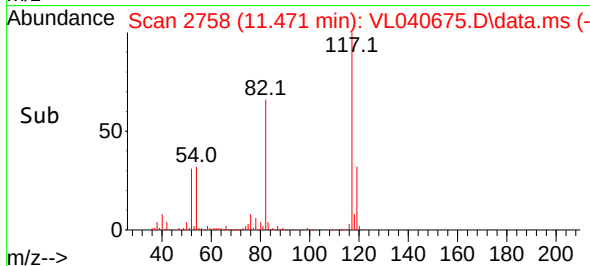
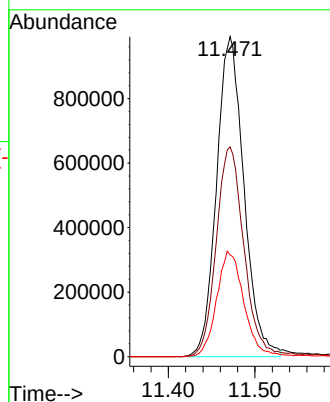
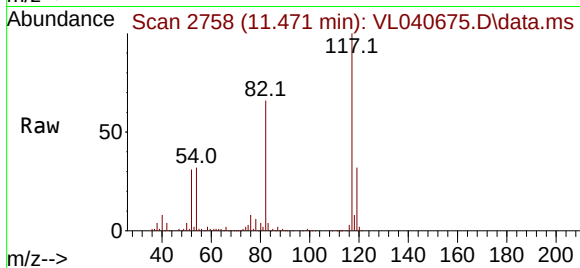




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040675.D
Acq: 7 Sep 2023 19:30

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2177667
Ion Ratio Lower Upper
117 100
82 67.2 49.5 74.3
119 33.1 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.949 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.010 min
Lab File: VL040675.D
Acq: 7 Sep 2023 19:30

Tgt Ion: 95 Resp: 1723003
Ion Ratio Lower Upper
95 100
174 61.5 49.1 73.7
175 4.4 3.7 5.5

