

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041025.D
 Acq On : 25 Jan 2024 10:41
 Operator : SY/MD
 Sample : VL0125ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 26 00:25:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 26 00:23:09 2024
 Response via : Initial Calibration

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

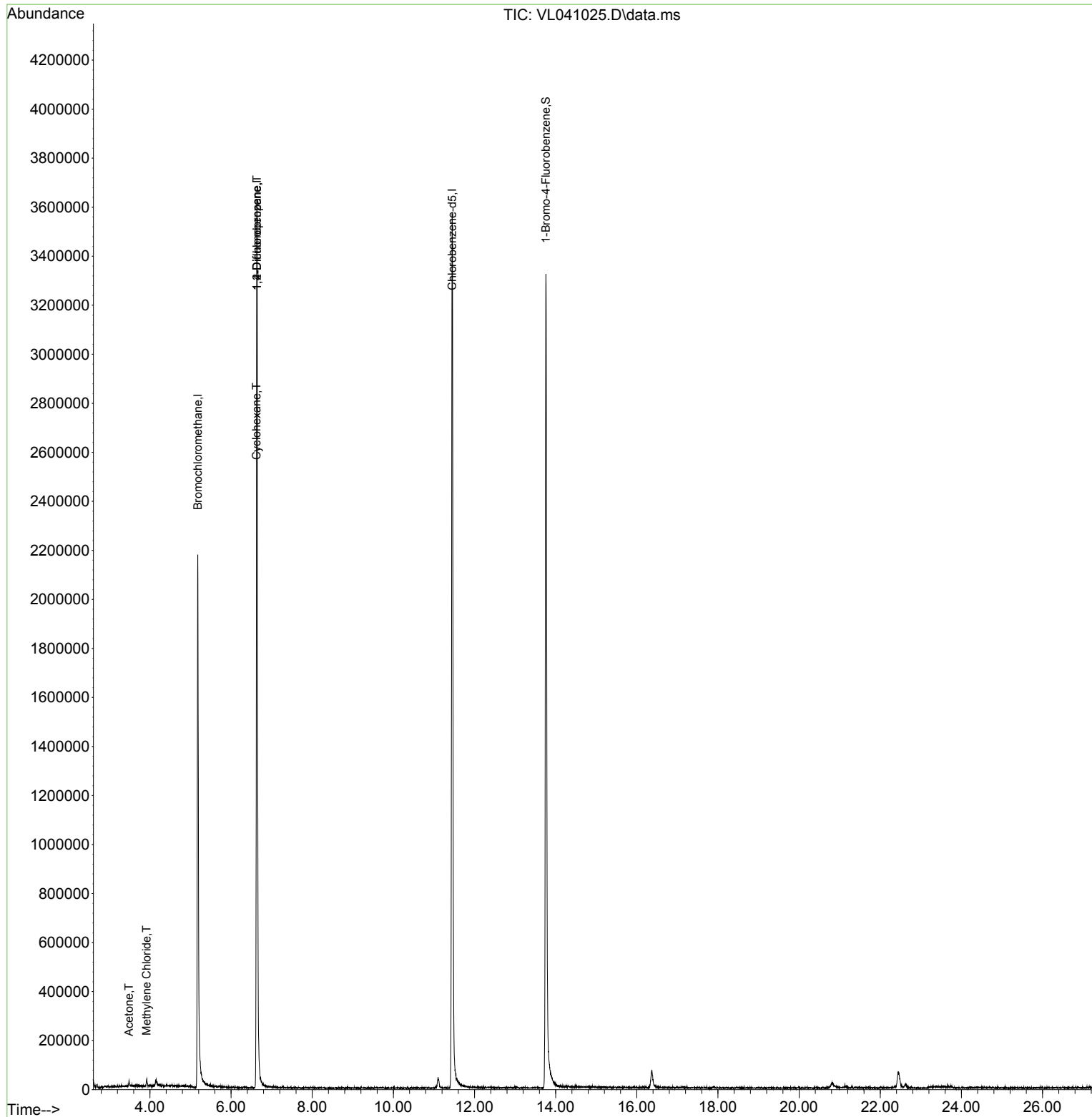
Internal Standards						
1) Bromochloromethane	5.179	49	1120332	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2713516	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2294929	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1721843	9.933	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
15) Acetone	3.485	43	18882	0.132	ppbv #	82
20) Methylene Chloride	3.919	84	5197	0.094	ppbv #	62
30) Cyclohexane	6.626	84	2747	0.030	ppbv #	1
39) 1,2-Dichloropropane	6.636	63	693757	7.858	ppbv #	24

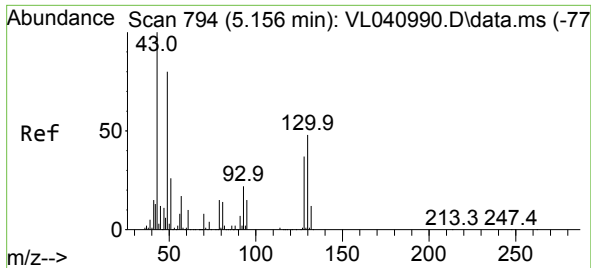
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
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QLast Update : Fri Jan 26 00:23:09 2024
Response via : Initial Calibration

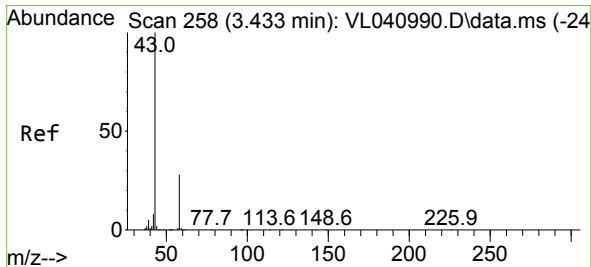
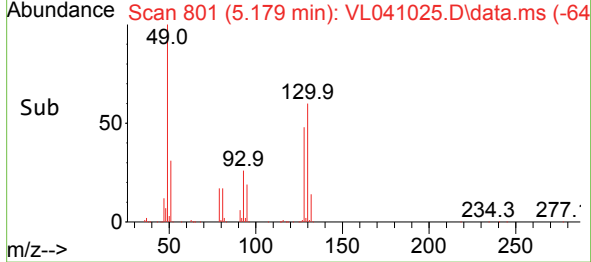
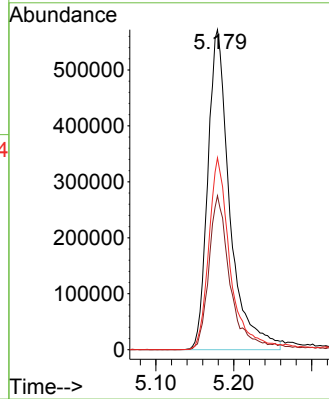
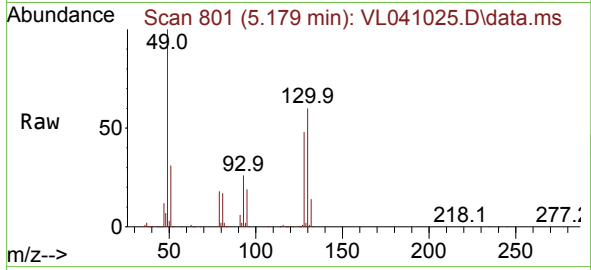




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041025.D
Acq: 25 Jan 2024 10:41

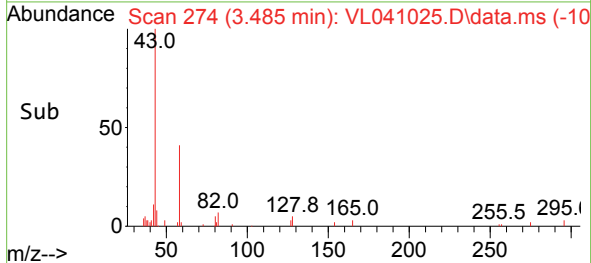
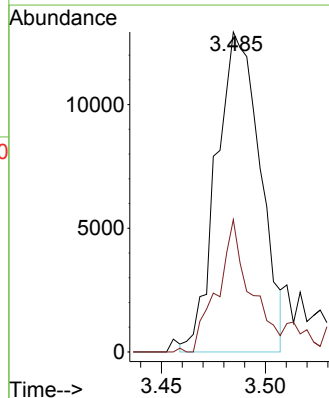
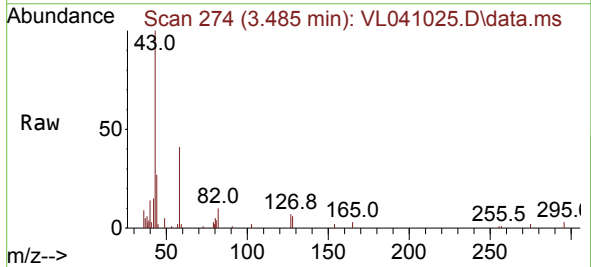
Instrument :
MSVOA_L
ClientSampleId :

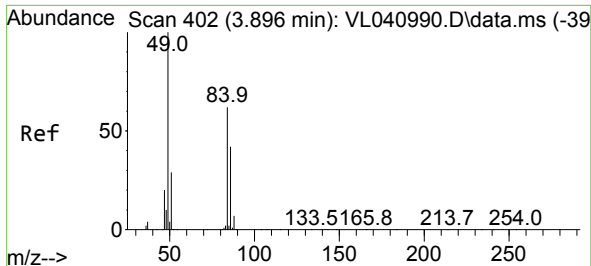
Tgt Ion: 49 Resp: 1120332
Ion Ratio Lower Upper
49 100
128 48.6 23.9 71.7
130 61.1 31.1 93.5



#15
Acetone
Concen: 0.132 ppbv
RT: 3.485 min Scan# 274
Delta R.T. 0.029 min
Lab File: VL041025.D
Acq: 25 Jan 2024 10:41

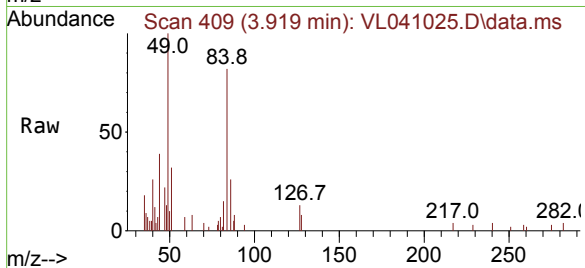
Tgt Ion: 43 Resp: 18882
Ion Ratio Lower Upper
43 100
58 37.1 22.2 33.2#



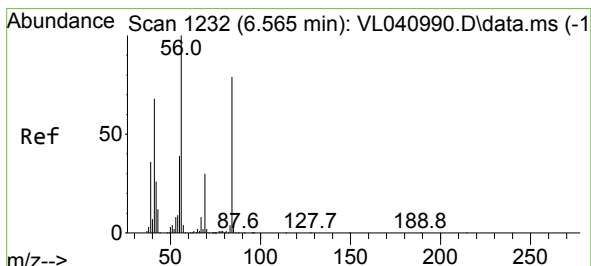
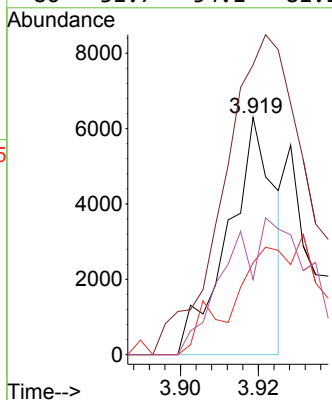
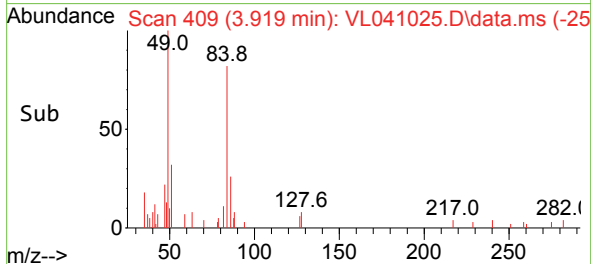


#20
Methylene Chloride
Concen: 0.094 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL041025.D
Acq: 25 Jan 2024 10:41

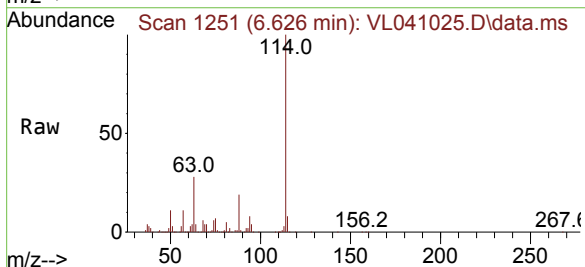
Instrument :
MSVOA_L
ClientSampleId :



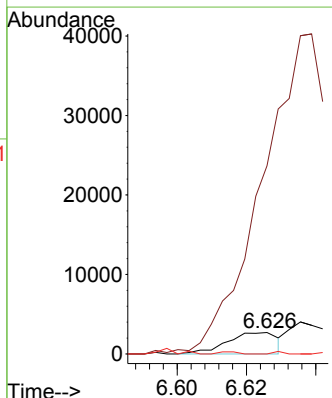
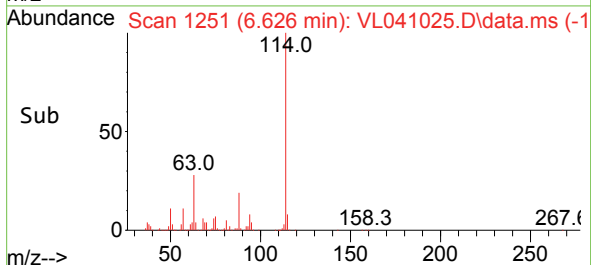
Tgt Ion: 84 Resp: 5197
Ion Ratio Lower Upper
84 100
49 104.0 128.1 192.1#
51 38.7 36.5 54.7
86 31.7 54.1 81.1#

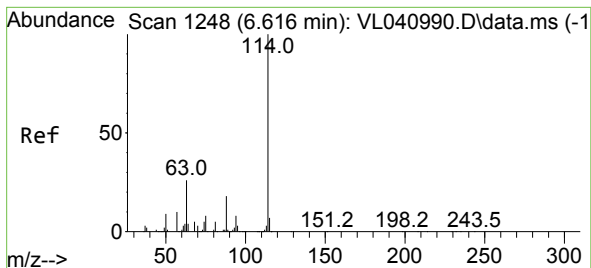


#30
Cyclohexane
Concen: 0.030 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.039 min
Lab File: VL041025.D
Acq: 25 Jan 2024 10:41



Tgt Ion: 84 Resp: 2747
Ion Ratio Lower Upper
84 100
56 0.0 111.7 167.5#
41 14.9 71.0 106.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041025.D

Acq: 25 Jan 2024 10:41

Instrument :

MSVOA_L

ClientSampleId :

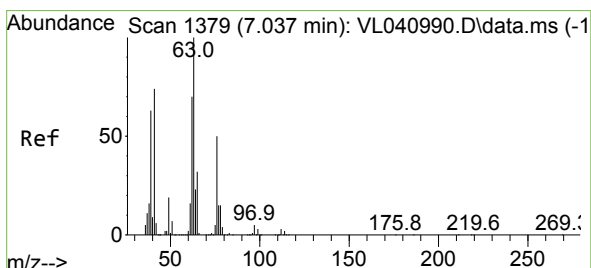
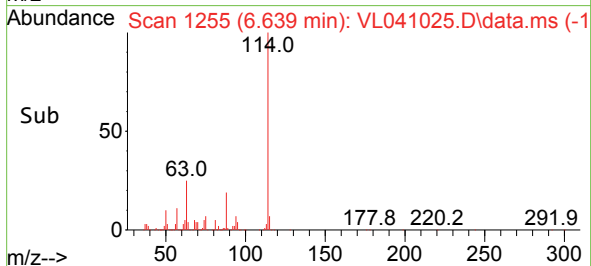
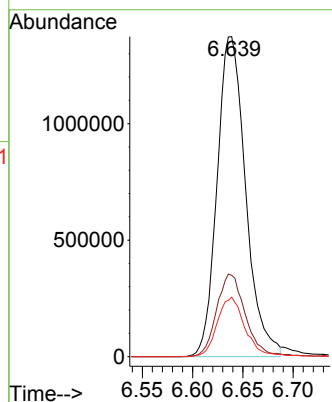
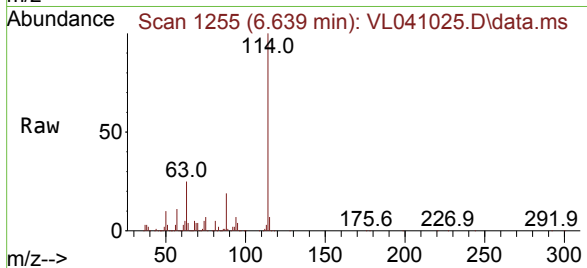
Tgt Ion:114 Resp: 2713516

Ion Ratio Lower Upper

114 100

63 26.5 20.8 31.2

88 18.4 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.858 ppbv

RT: 6.636 min Scan# 1254

Delta R.T. -0.428 min

Lab File: VL041025.D

Acq: 25 Jan 2024 10:41

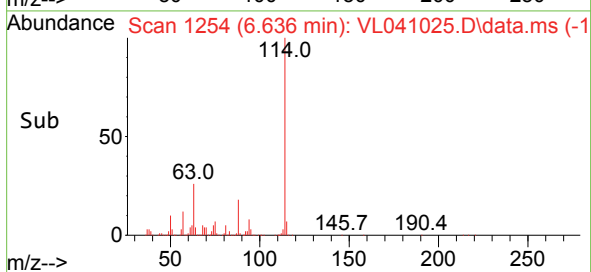
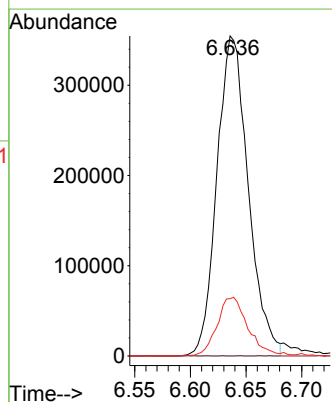
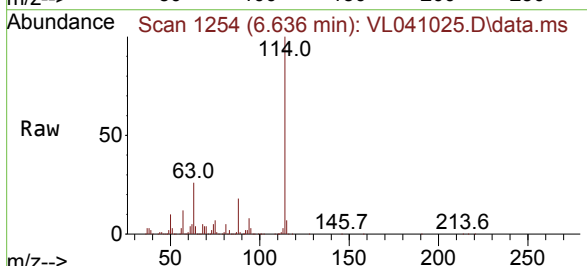
Tgt Ion: 63 Resp: 693757

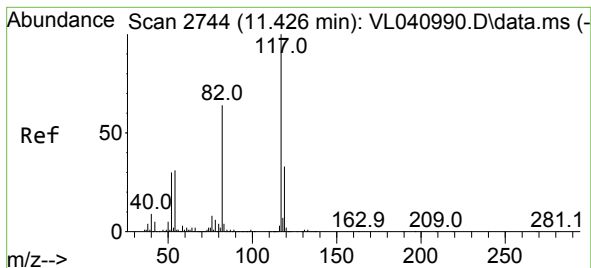
Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.9 55.6 83.4#

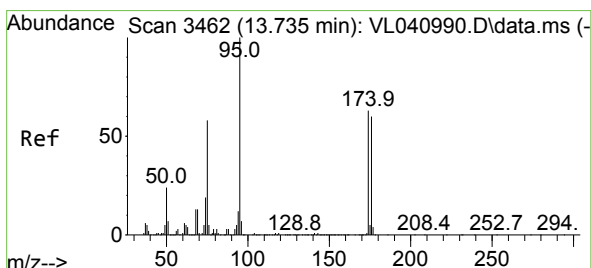
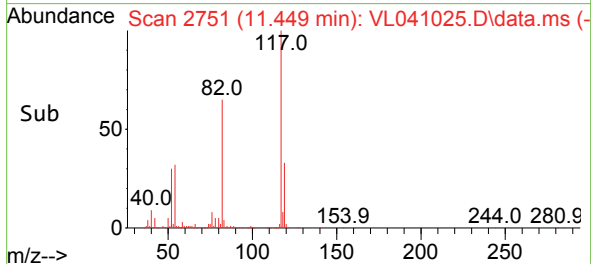
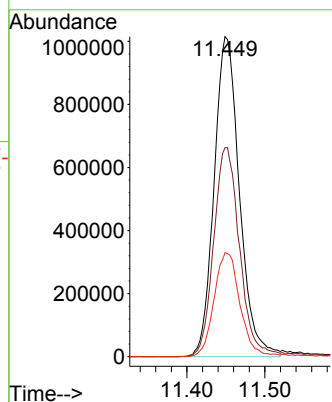
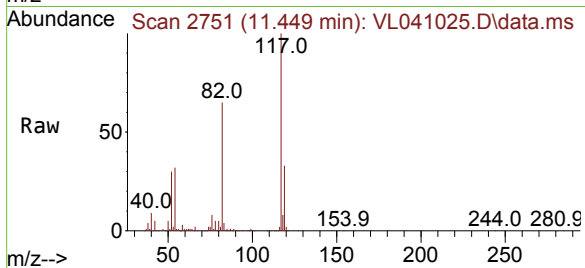




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041025.D
Acq: 25 Jan 2024 10:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2294929
Ion Ratio Lower Upper
117 100
82 68.2 51.7 77.5
119 34.1 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.933 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.006 min
Lab File: VL041025.D
Acq: 25 Jan 2024 10:41

Tgt Ion: 95 Resp: 1721843
Ion Ratio Lower Upper
95 100
174 61.2 49.1 73.7
175 4.6 3.7 5.5

