

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040969.D
 Acq On : 15 Jan 2024 14:13
 Operator : SY/MD
 Sample : QC010924 CAN 10681
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 16 03:35:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 16 03:31:29 2024
 Response via : Initial Calibration

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

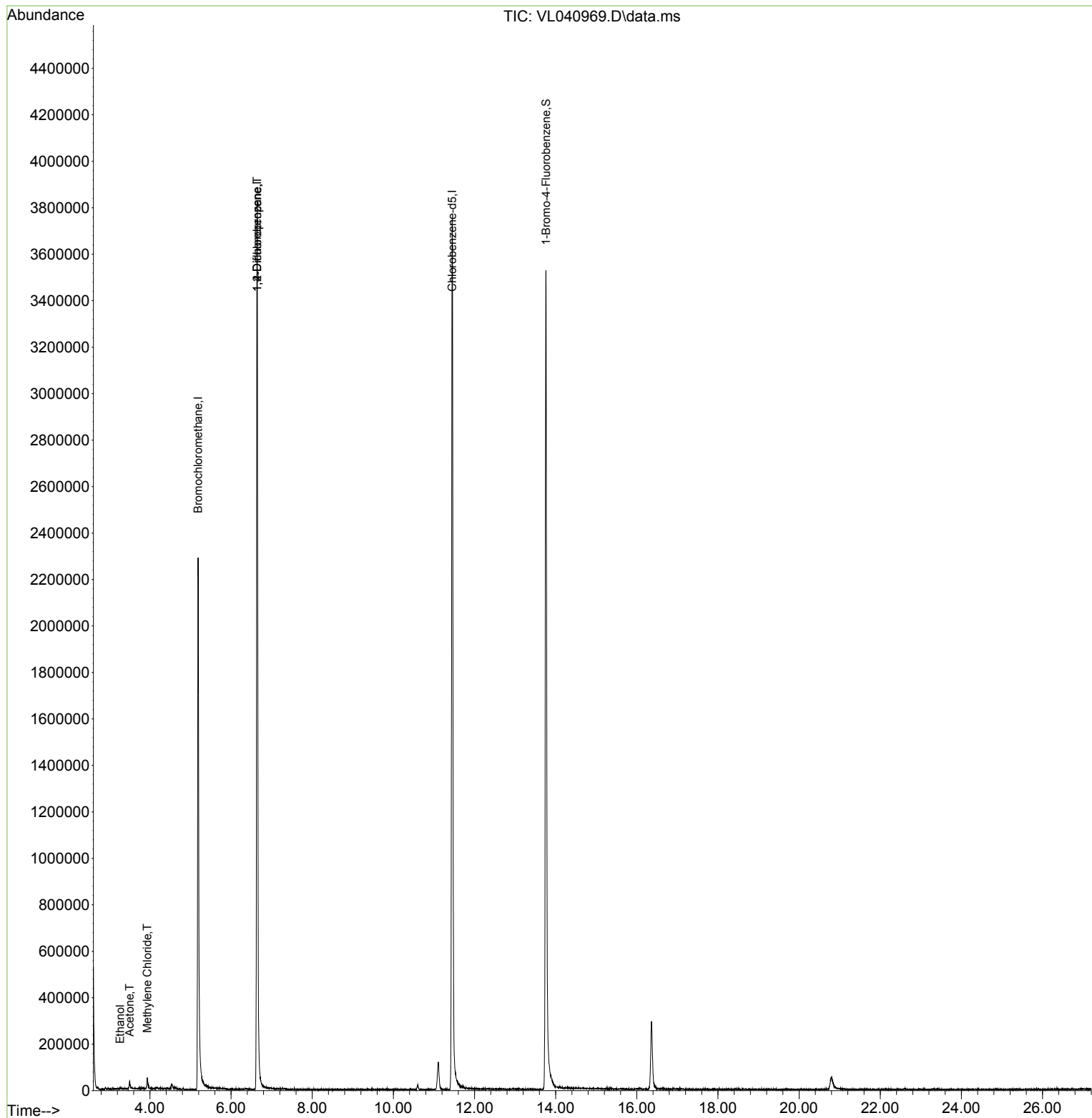
Internal Standards						
1) Bromochloromethane	5.188	49	1155496	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.642	114	2811899	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2423046	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1808425	10.132	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
13) Ethanol	3.266	45	814	0.056	ppbv #	37
15) Acetone	3.500	43	34034	0.246	ppbv #	89
20) Methylene Chloride	3.934	84	13548	0.274	ppbv #	70
39) 1,2-Dichloropropane	6.642	63	738365	8.548	ppbv #	25

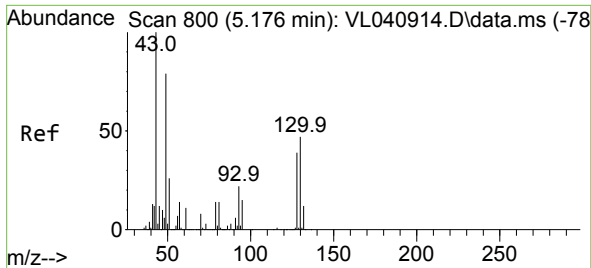
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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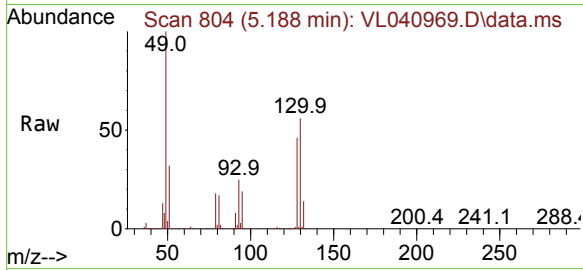
Quant Time: Jan 16 03:35:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
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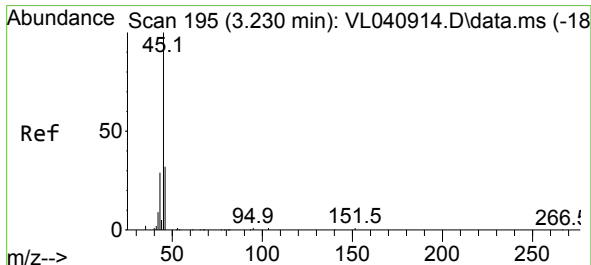
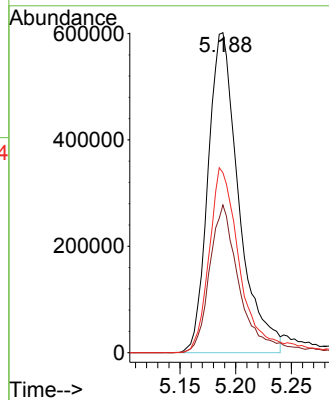
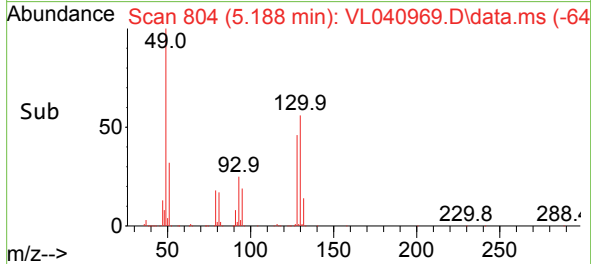


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL040969.D
Acq: 15 Jan 2024 14:13

Instrument :
MSVOA_L
ClientSampleId :

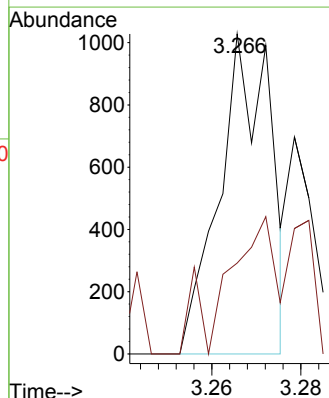
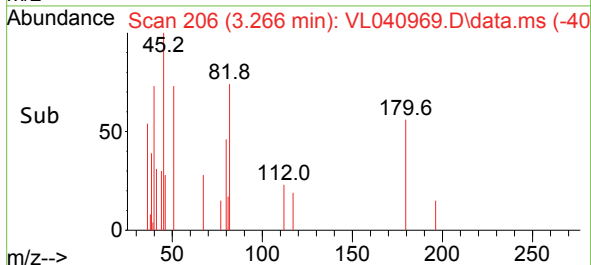
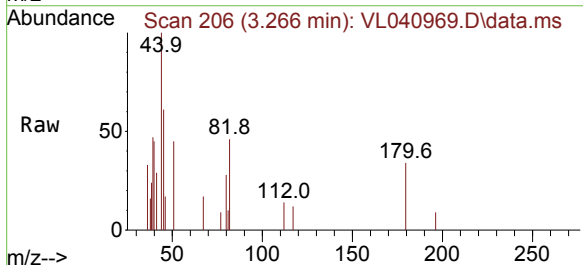


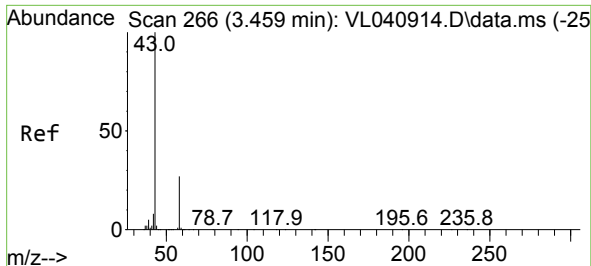
Tgt Ion: 49 Resp: 1155496
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.2
130 60.1 30.1 90.5



#13
Ethanol
Concen: 0.056 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.035 min
Lab File: VL040969.D
Acq: 15 Jan 2024 14:13

Tgt Ion: 45 Resp: 814
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0#

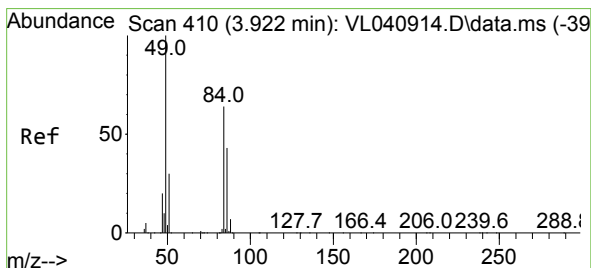
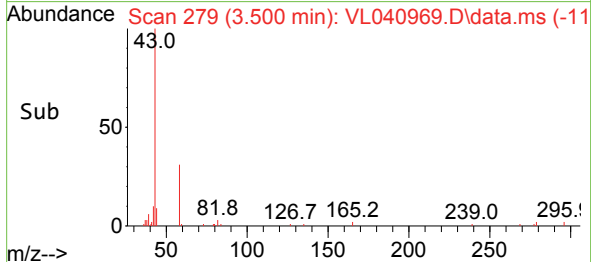
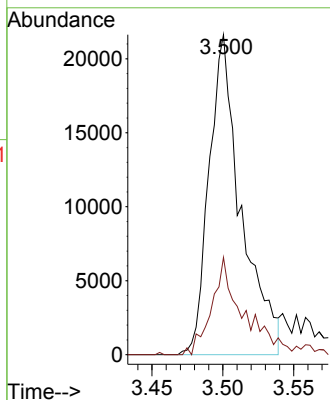
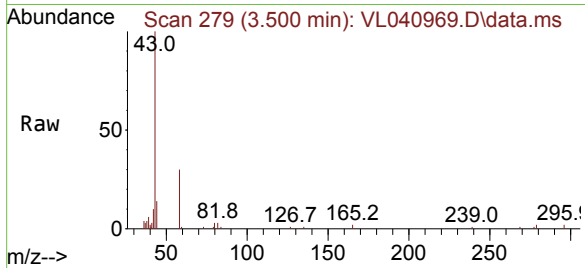




#15
Acetone
Concen: 0.246 ppbv
RT: 3.500 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL040969.D
Acq: 15 Jan 2024 14:13

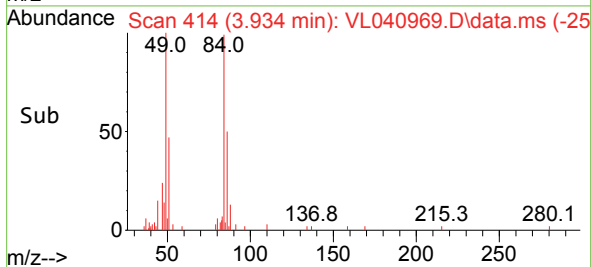
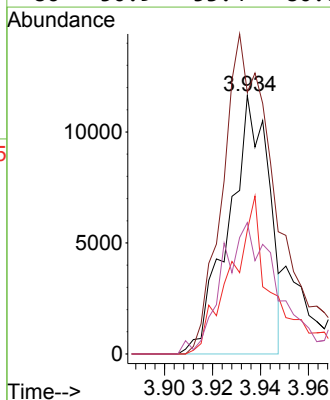
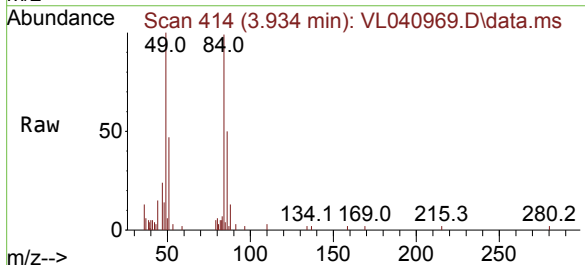
Instrument :
MSVOA_L
ClientSampleId :

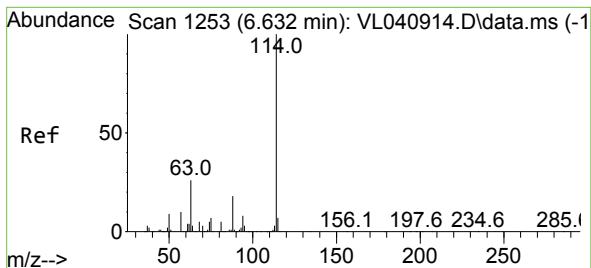
Tgt Ion: 43 Resp: 34034
Ion Ratio Lower Upper
43 100
58 31.5 20.6 30.8#



#20
Methylene Chloride
Concen: 0.274 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.016 min
Lab File: VL040969.D
Acq: 15 Jan 2024 14:13

Tgt Ion: 84 Resp: 13548
Ion Ratio Lower Upper
84 100
49 101.3 124.6 187.0#
51 47.8 37.2 55.8
86 50.9 53.4 80.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. 0.006 min

Lab File: VL040969.D

Acq: 15 Jan 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

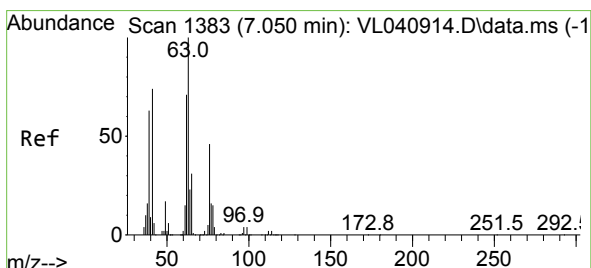
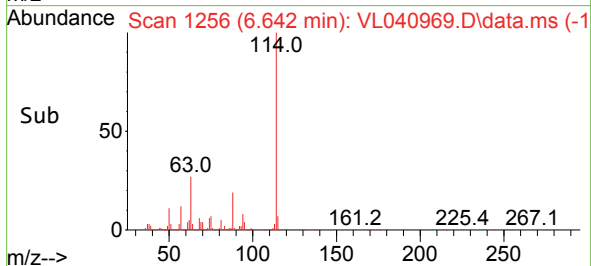
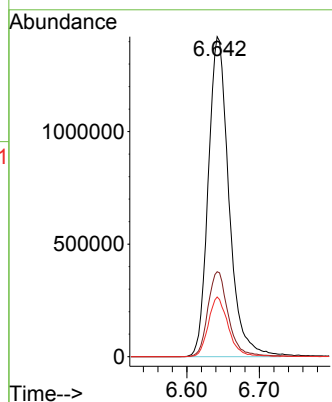
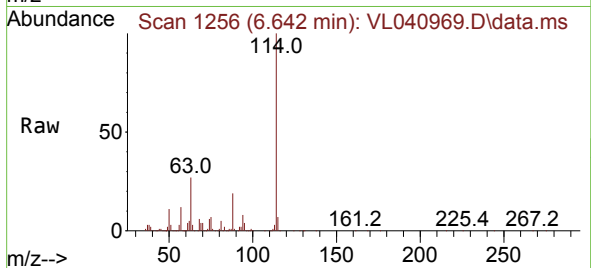
Tgt Ion:114 Resp: 2811899

Ion Ratio Lower Upper

114 100

63 26.5 21.0 31.6

88 18.2 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.548 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.412 min

Lab File: VL040969.D

Acq: 15 Jan 2024 14:13

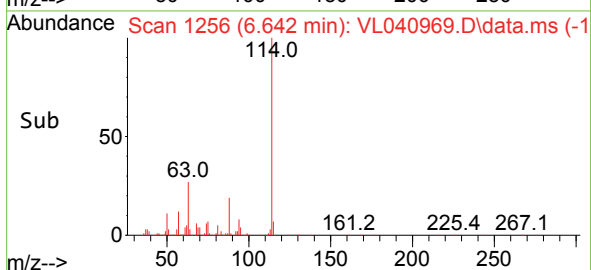
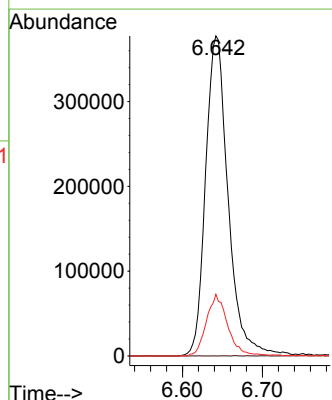
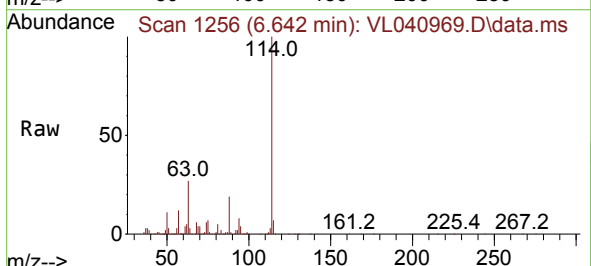
Tgt Ion: 63 Resp: 738365

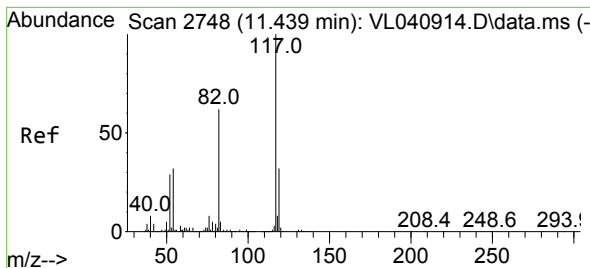
Ion Ratio Lower Upper

63 100

41 0.0 59.0 88.6#

62 19.2 56.6 85.0#

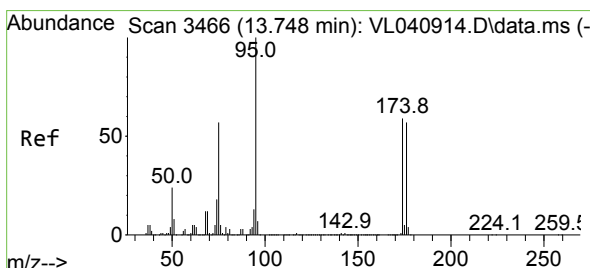
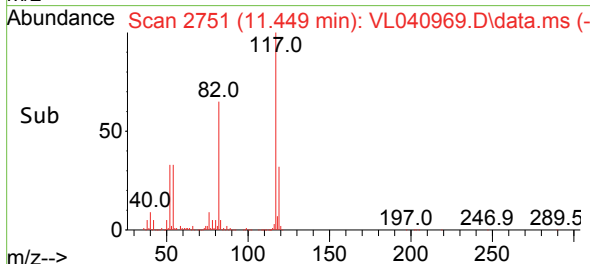
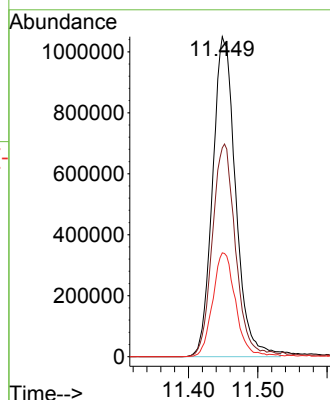
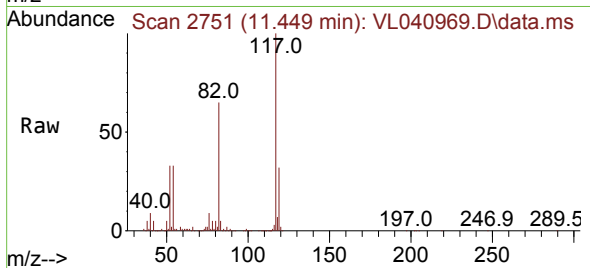




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040969.D
Acq: 15 Jan 2024 14:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2423046
Ion Ratio Lower Upper
117 100
82 68.2 49.6 74.4
119 32.7 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.132 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.009 min
Lab File: VL040969.D
Acq: 15 Jan 2024 14:13

Tgt Ion: 95 Resp: 1808425
Ion Ratio Lower Upper
95 100
174 60.4 48.0 72.0
175 4.4 3.7 5.5

