

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041284.D
 Acq On : 24 May 2024 10:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 24 23:19:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

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

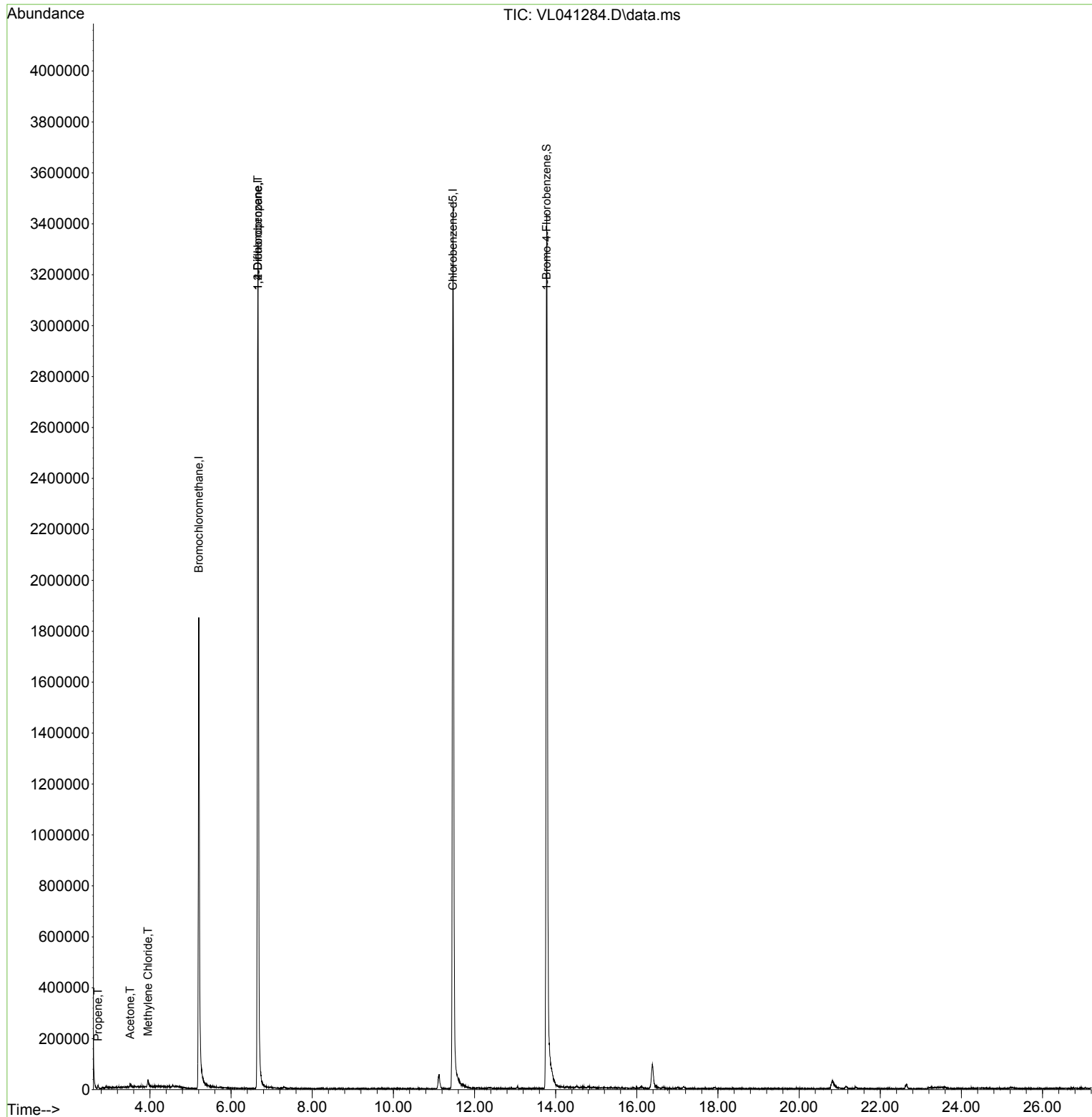
Internal Standards						
1) Bromochloromethane	5.205	49	956660	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2519551	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2337027	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1807490	10.245	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	2965	0.052	ppbv	94
15) Acetone	3.510	43	5647	0.050	ppbv #	48
20) Methylene Chloride	3.951	84	4806	0.122	ppbv #	79
39) 1,2-Dichloropropane	6.661	63	635549	7.800	ppbv #	24

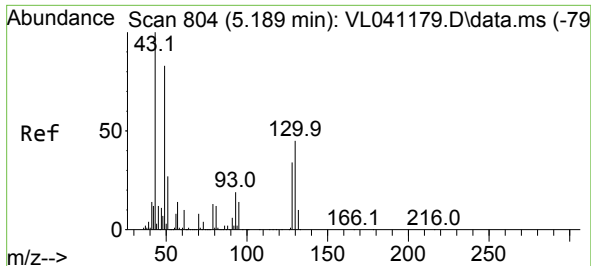
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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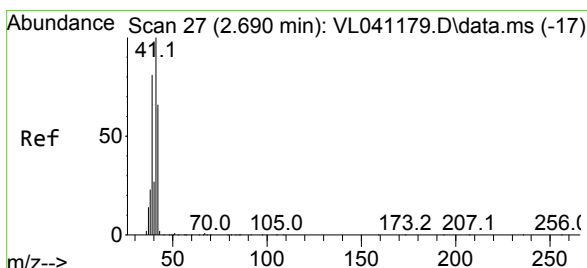
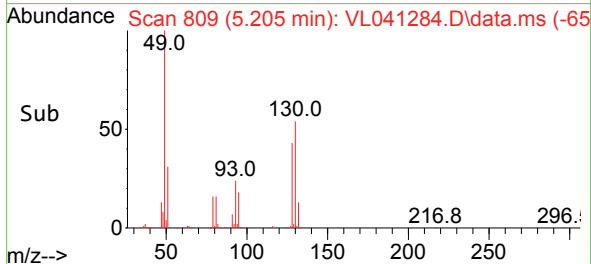
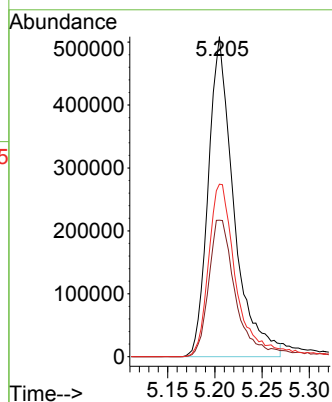
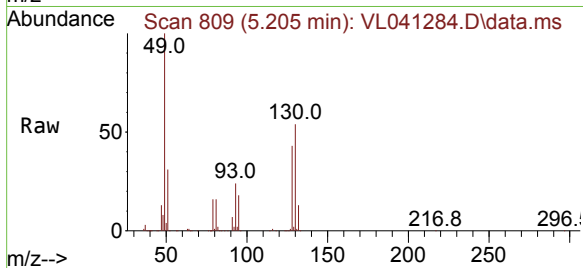




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041284.D
Acq: 24 May 2024 10:23

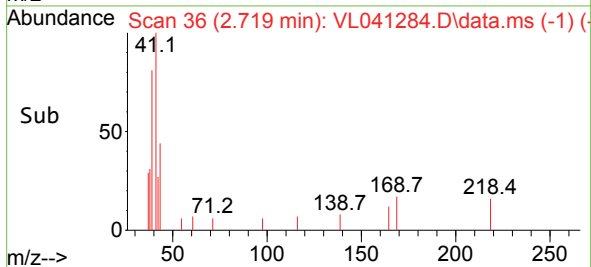
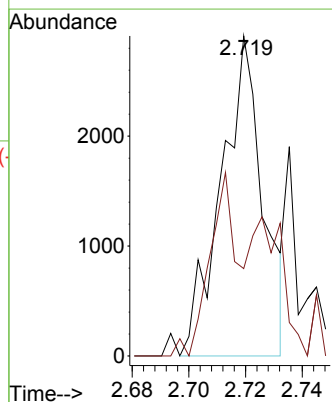
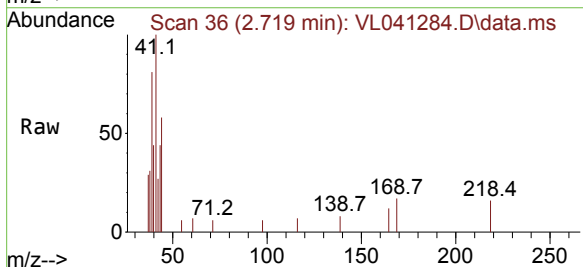
Instrument :
MSVOA_L
ClientSampleId :

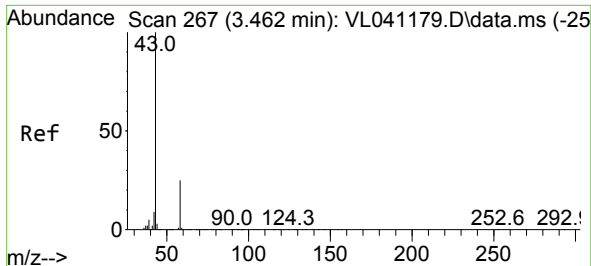
Tgt Ion: 49 Resp: 956660
Ion Ratio Lower Upper
49 100
128 47.7 21.5 64.5
130 60.1 27.2 81.6



#9
Propene
Concen: 0.052 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL041284.D
Acq: 24 May 2024 10:23

Tgt Ion: 41 Resp: 2965
Ion Ratio Lower Upper
41 100
42 74.1 55.3 82.9





#15

Acetone

Concen: 0.050 ppbv

RT: 3.510 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL041284.D

Acq: 24 May 2024 10:23

Instrument :

MSVOA_L

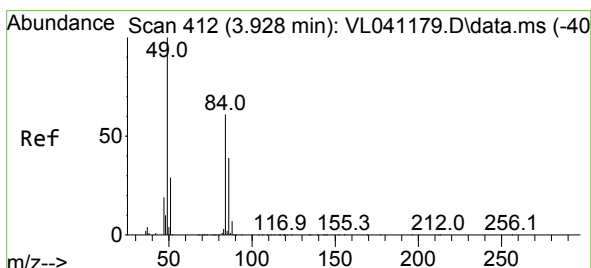
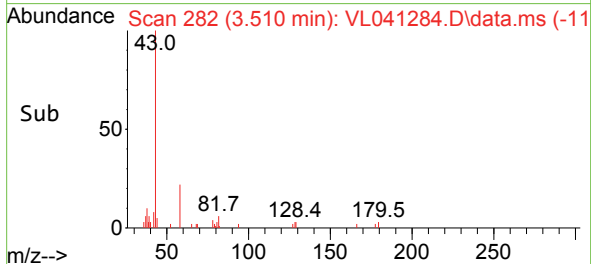
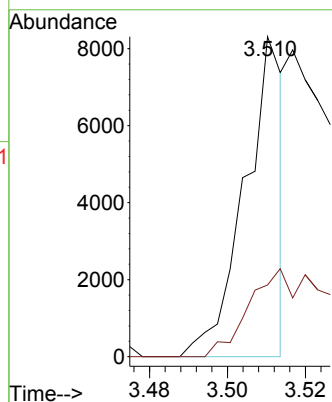
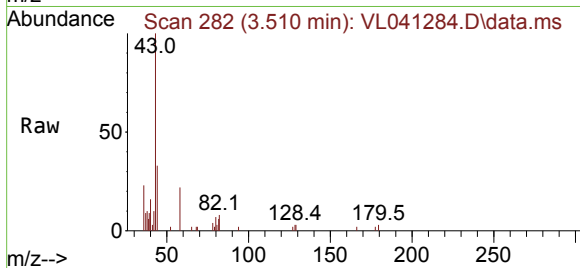
ClientSampleId :

Tgt Ion: 43 Resp: 5647

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#20

Methylene Chloride

Concen: 0.122 ppbv

RT: 3.951 min Scan# 419

Delta R.T. 0.000 min

Lab File: VL041284.D

Acq: 24 May 2024 10:23

Tgt Ion: 84 Resp: 4806

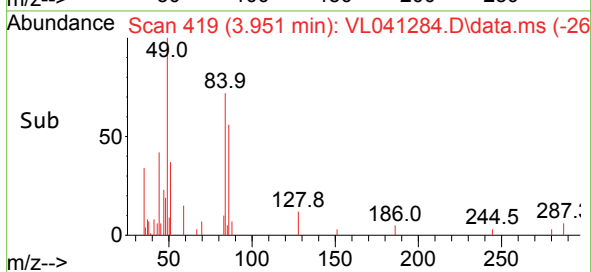
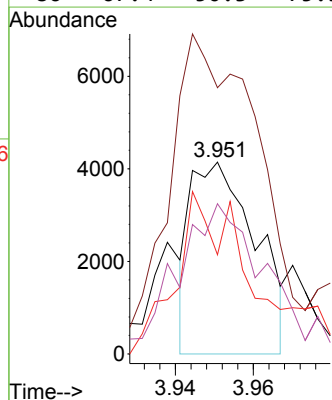
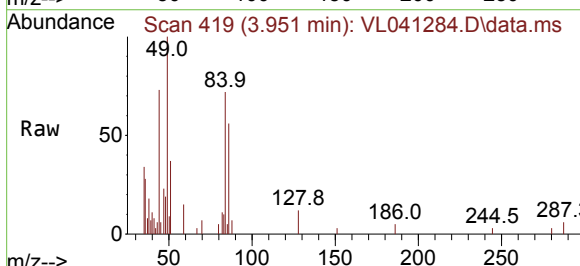
Ion Ratio Lower Upper

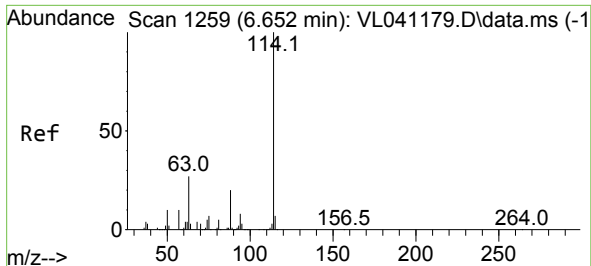
84 100

49 119.8 130.4 195.6#

51 44.1 38.0 57.0

86 67.4 50.3 75.5

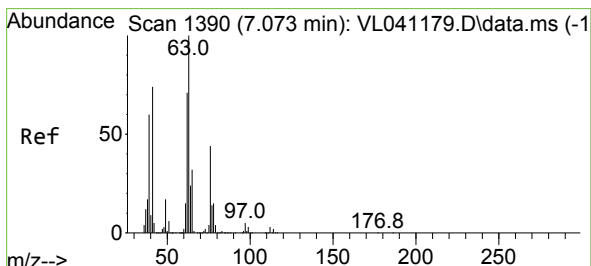
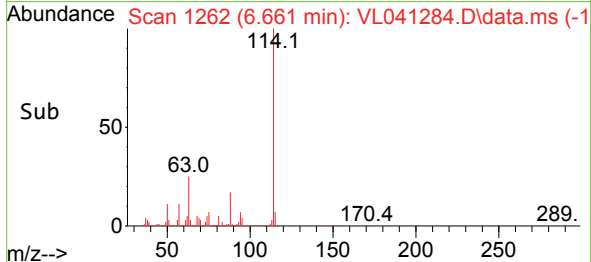
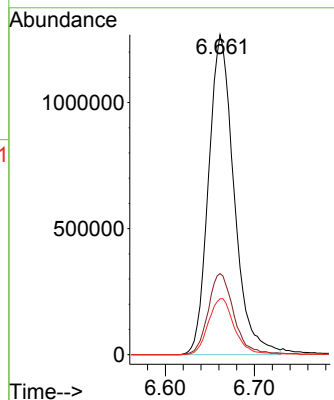
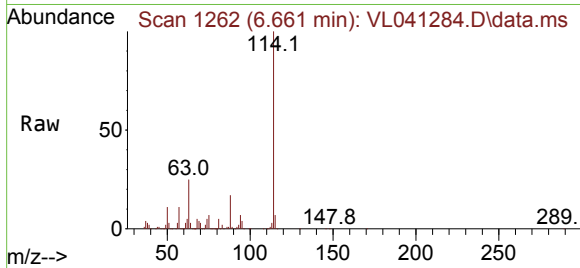




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.661 min Scan# 1262
 Delta R.T. -0.006 min
 Lab File: VL041284.D
 Acq: 24 May 2024 10:23

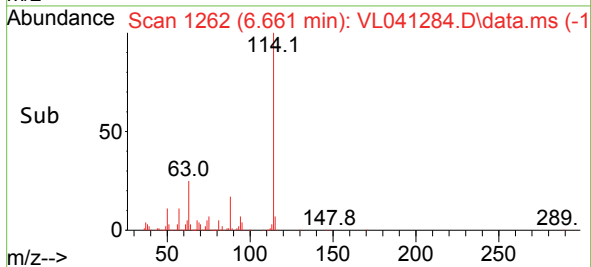
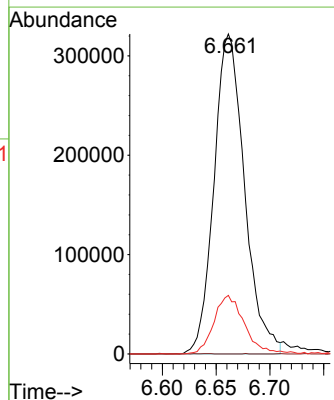
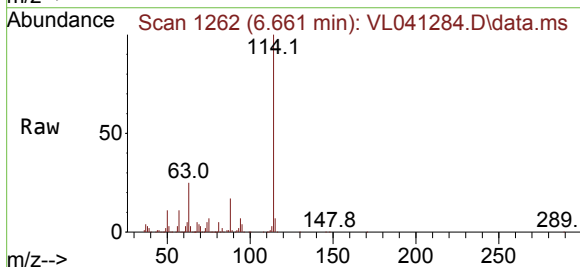
Instrument :
 MSVOA_L
 ClientSampleId :

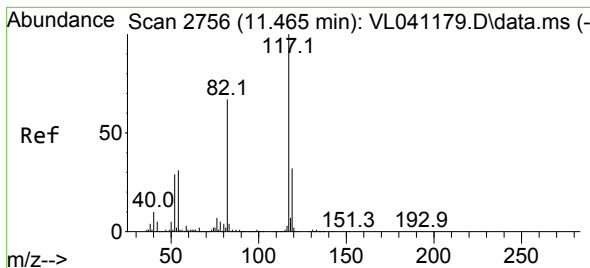
Tgt Ion:114 Resp: 2519551
 Ion Ratio Lower Upper
 114 100
 63 26.1 21.8 32.6
 88 18.1 15.2 22.8



#39
 1,2-Dichloropropane
 Concen: 7.800 ppbv
 RT: 6.661 min Scan# 1262
 Delta R.T. -0.424 min
 Lab File: VL041284.D
 Acq: 24 May 2024 10:23

Tgt Ion: 63 Resp: 635549
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.4 89.0#
 62 18.3 56.8 85.2#

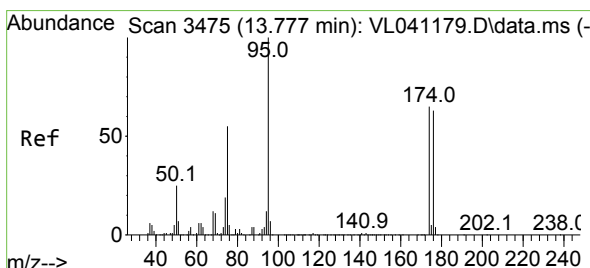
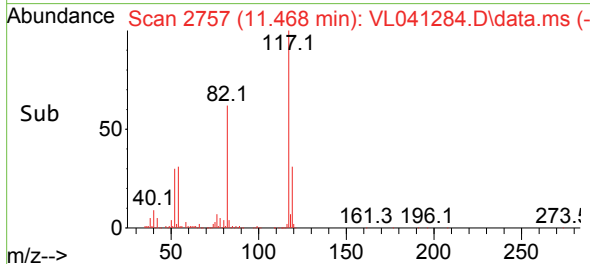
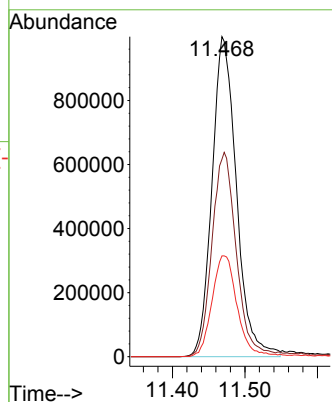
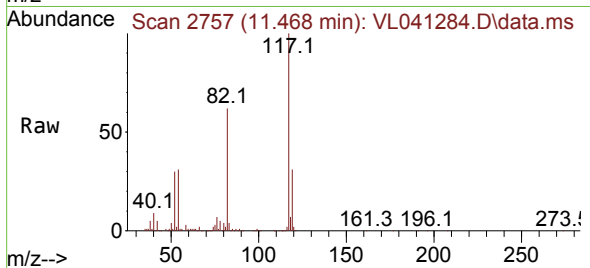




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041284.D
Acq: 24 May 2024 10:23

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2337027
Ion Ratio Lower Upper
117 100
82 65.7 53.6 80.4
119 32.9 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.245 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VL041284.D
Acq: 24 May 2024 10:23

Tgt Ion: 95 Resp: 1807490
Ion Ratio Lower Upper
95 100
174 66.0 53.6 80.4
175 4.6 4.2 6.4

