

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041295.D
 Acq On : 24 May 2024 17:44
 Operator : SY/MD
 Sample : QC052324 CAN 10303
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 24 23:24:06 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)

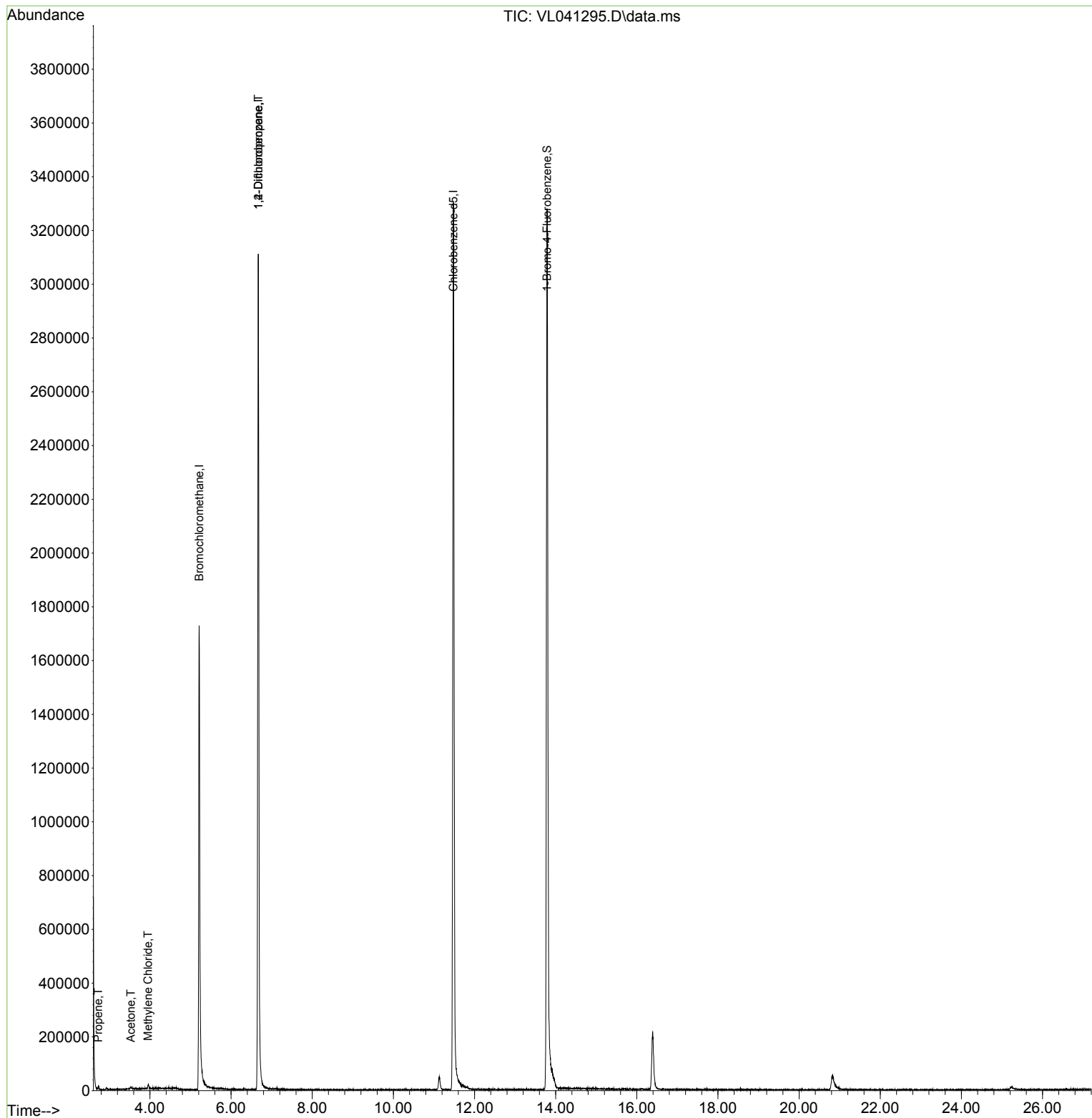
Internal Standards						
1) Bromochloromethane	5.214	49	900433	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2446840	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2220314	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1731191	10.328	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%
Target Compounds						
					Qvalue	
9) Propene	2.726	41	1968	0.037	ppbv #	31
15) Acetone	3.529	43	7058	0.066	ppbv #	53
20) Methylene Chloride	3.951	84	1845	0.050	ppbv #	81
39) 1,2-Dichloropropane	6.671	63	621908	7.859	ppbv #	24

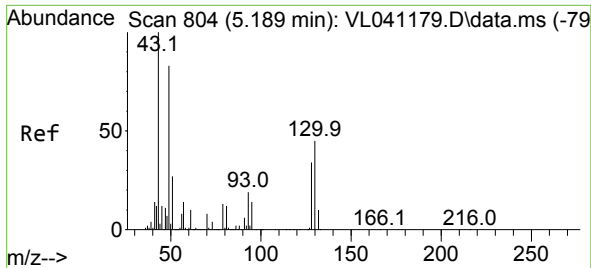
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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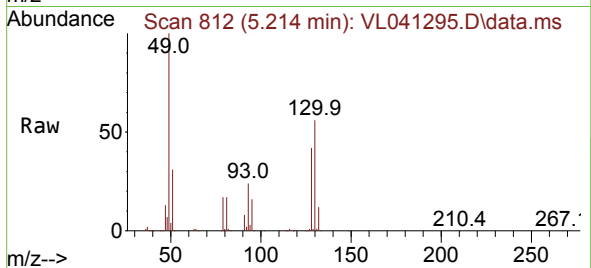
Quant Time: May 24 23:24:06 2024
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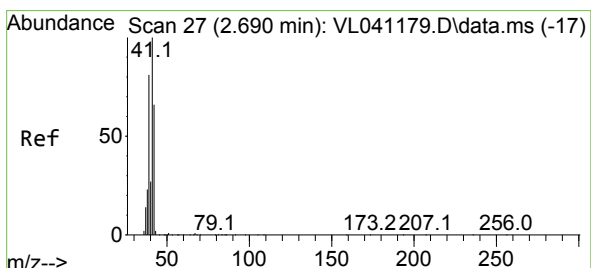
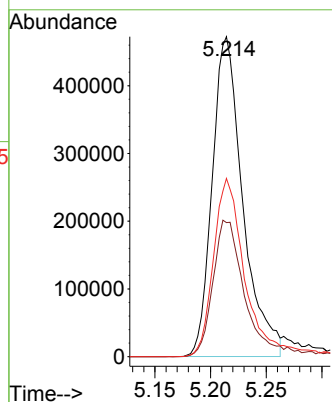
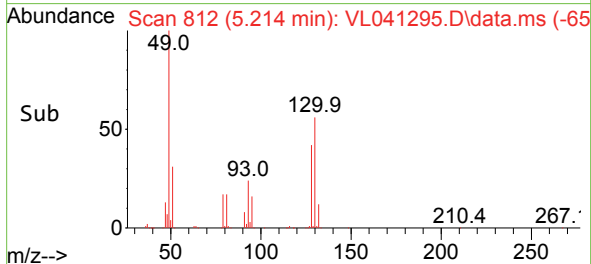


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041295.D
Acq: 24 May 2024 17:44

Instrument :
MSVOA_L
ClientSampleId :

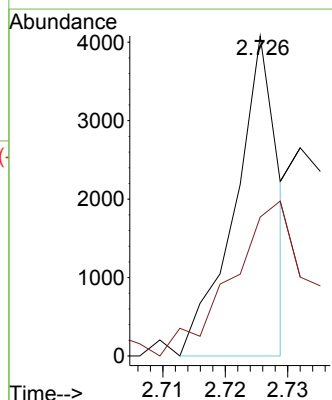
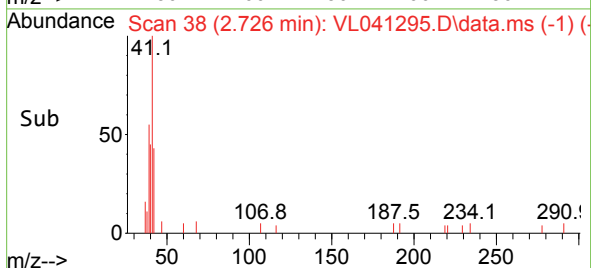
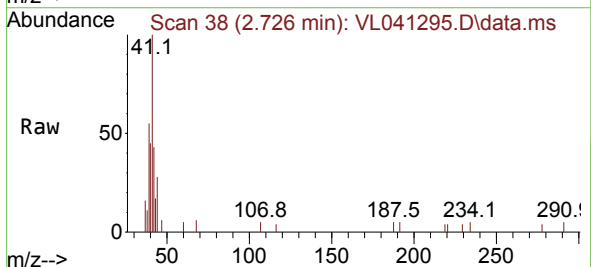


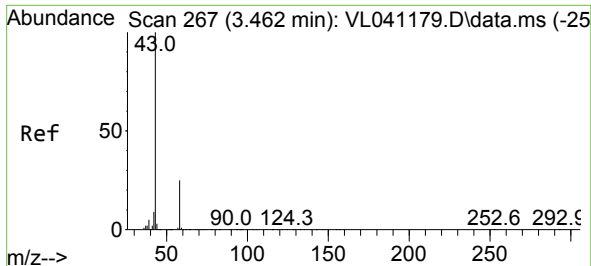
Tgt Ion: 49 Resp: 900433
Ion Ratio Lower Upper
49 100
128 46.6 21.5 64.5
130 59.4 27.2 81.6



#9
Propene
Concen: 0.037 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.006 min
Lab File: VL041295.D
Acq: 24 May 2024 17:44

Tgt Ion: 41 Resp: 1968
Ion Ratio Lower Upper
41 100
42 125.2 55.3 82.9

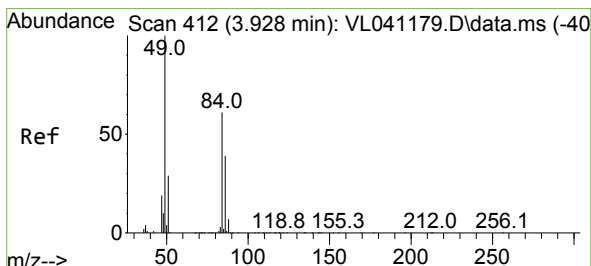
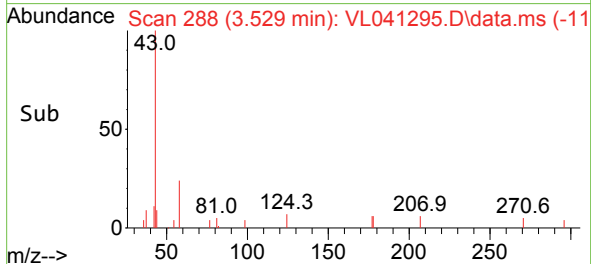
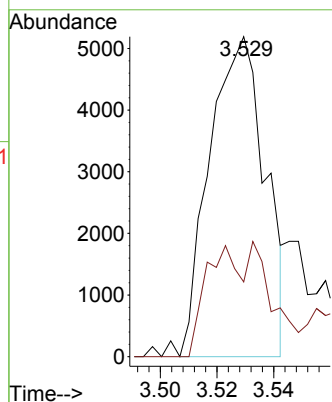
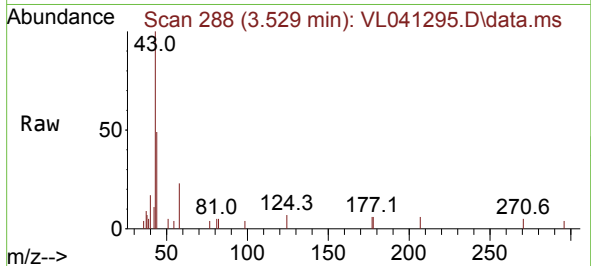




#15
Acetone
Concen: 0.066 ppbv
RT: 3.529 min Scan# 21
Delta R.T. 0.042 min
Lab File: VL041295.D
Acq: 24 May 2024 17:44

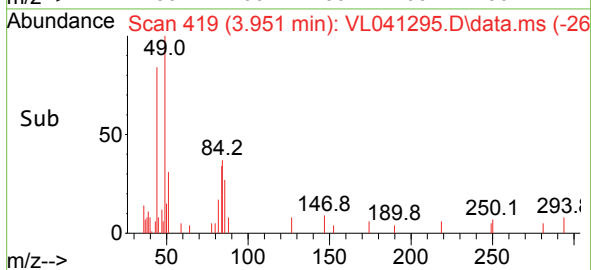
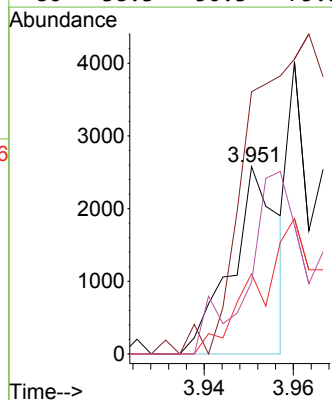
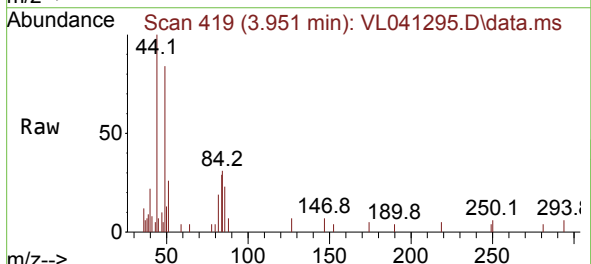
Instrument :
MSVOA_L
ClientSampleId :

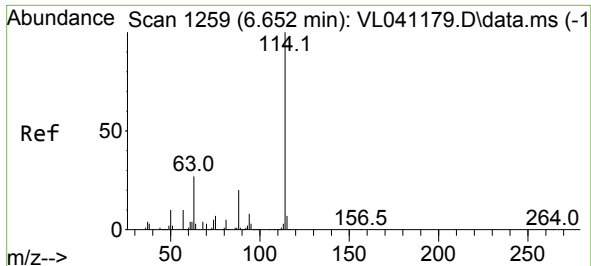
Tgt Ion: 43 Resp: 7058
Ion Ratio Lower Upper
43 100
58 51.2 21.4 32.0#



#20
Methylene Chloride
Concen: 0.050 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.000 min
Lab File: VL041295.D
Acq: 24 May 2024 17:44

Tgt Ion: 84 Resp: 1845
Ion Ratio Lower Upper
84 100
49 140.0 130.4 195.6
51 42.8 38.0 57.0
86 38.3 50.3 75.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. 0.003 min

Lab File: VL041295.D

Acq: 24 May 2024 17:44

Instrument :

MSVOA_L

ClientSampleId :

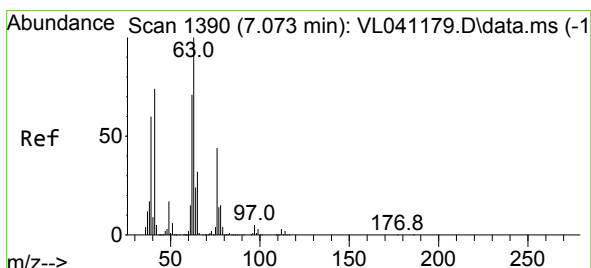
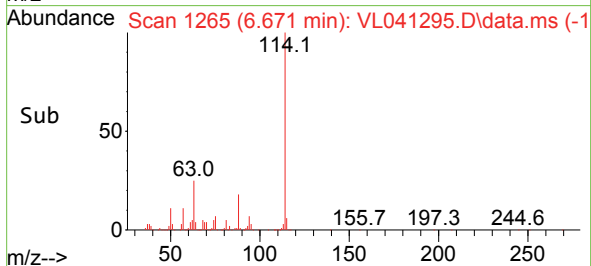
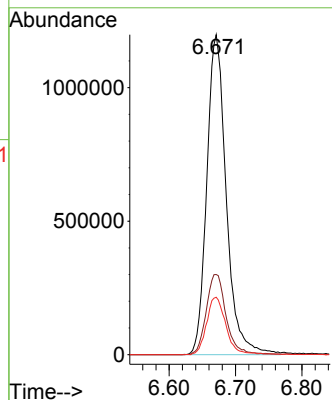
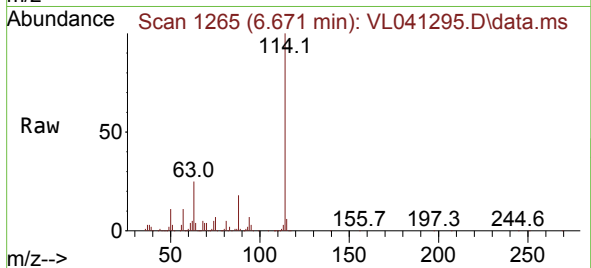
Tgt Ion:114 Resp: 2446840

Ion Ratio Lower Upper

114 100

63 26.0 21.8 32.6

88 18.0 15.2 22.8



#39

1,2-Dichloropropane

Concen: 7.859 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.415 min

Lab File: VL041295.D

Acq: 24 May 2024 17:44

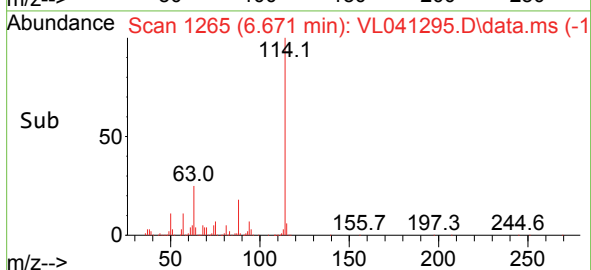
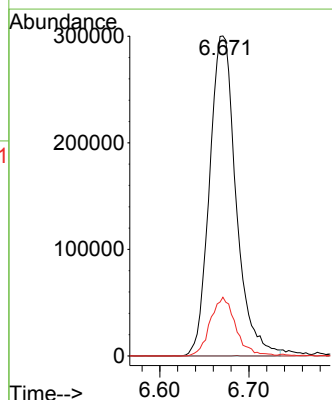
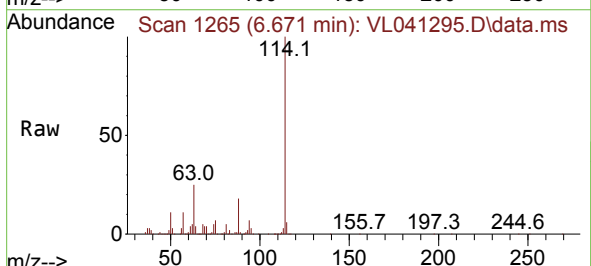
Tgt Ion: 63 Resp: 621908

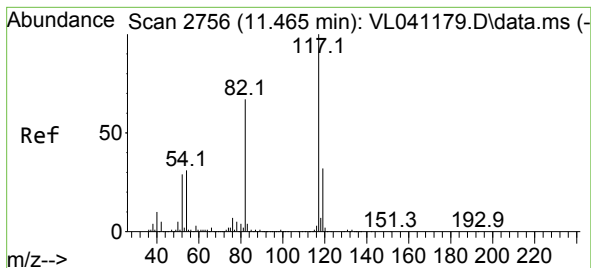
Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 18.3 56.8 85.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041295.D

Acq: 24 May 2024 17:44

Instrument :

MSVOA_L

ClientSampleId :

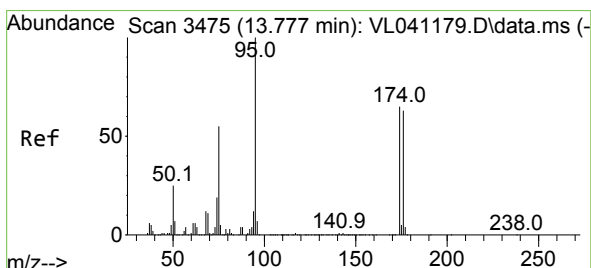
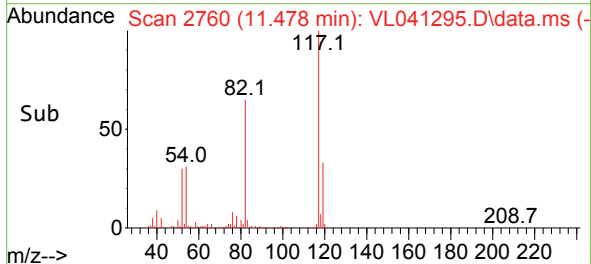
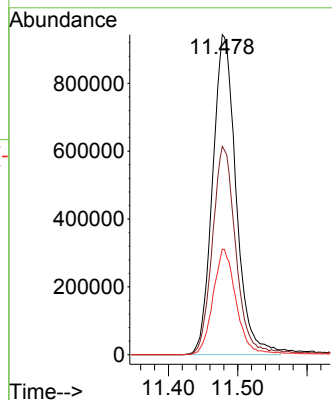
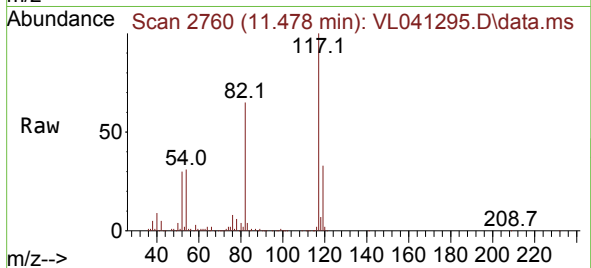
Tgt Ion:117 Resp: 2220314

Ion Ratio Lower Upper

117 100

82 66.4 53.6 80.4

119 33.0 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.328 ppbv

RT: 13.789 min Scan# 3479

Delta R.T. 0.010 min

Lab File: VL041295.D

Acq: 24 May 2024 17:44

Tgt Ion: 95 Resp: 1731191

Ion Ratio Lower Upper

95 100

174 67.6 53.6 80.4

175 4.9 4.2 6.4

