

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041282.D
 Acq On : 24 May 2024 9:03
 Operator : SY/MD
 Sample : VL0524ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 24 23:17:50 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)

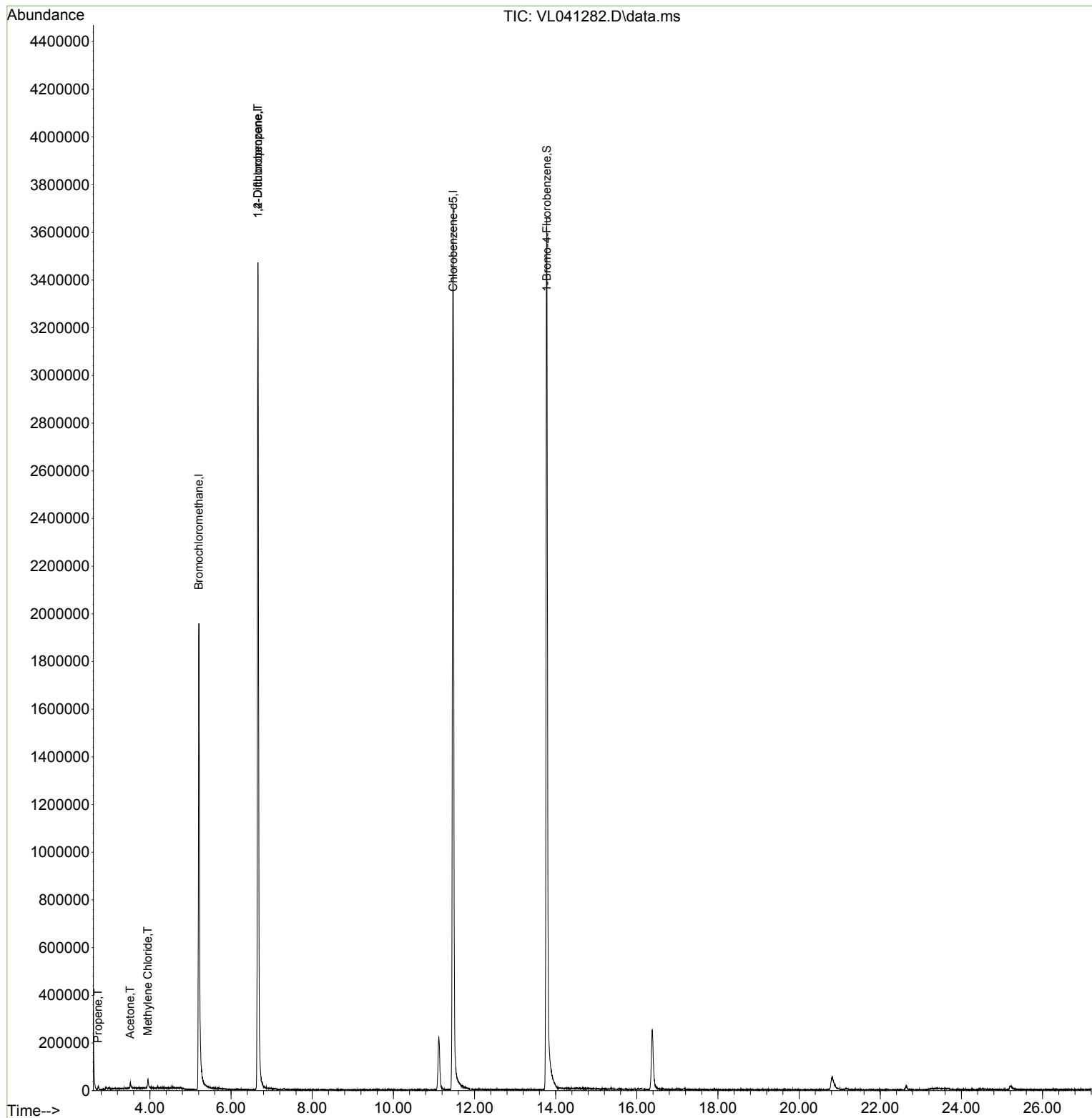
Internal Standards						
1) Bromochloromethane	5.205	49	1001191	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2690232	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2441503	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1919456	10.414	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	1894	0.032	ppbv #	1
15) Acetone	3.513	43	23745	0.201	ppbv #	81
20) Methylene Chloride	3.947	84	3912	0.095	ppbv #	85
39) 1,2-Dichloropropane	6.661	63	680599	7.823	ppbv #	23

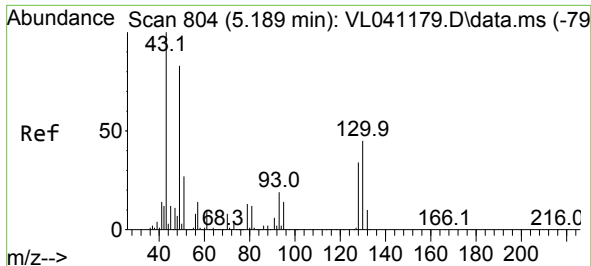
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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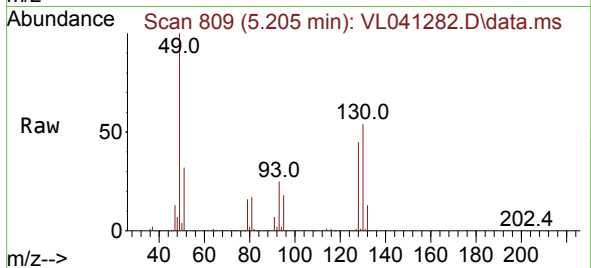
Quant Time: May 24 23:17:50 2024
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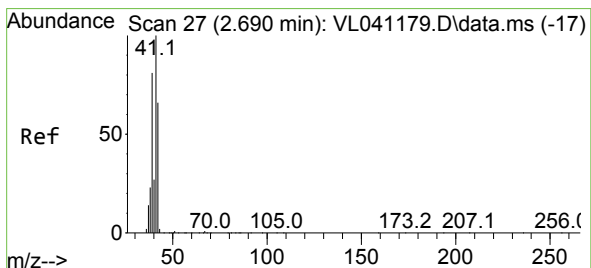
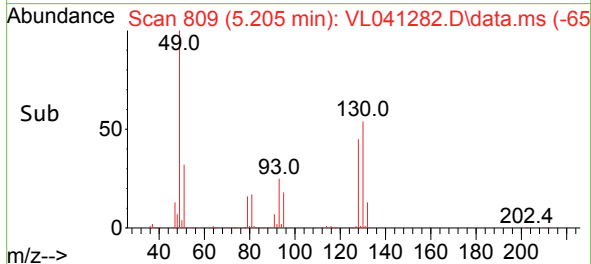
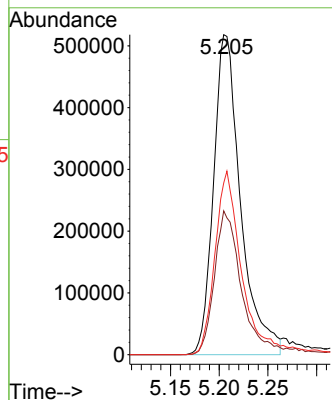


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.205 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL041282.D
 Acq: 24 May 2024 9:03

Instrument :
 MSVOA_L
 ClientSampleId :

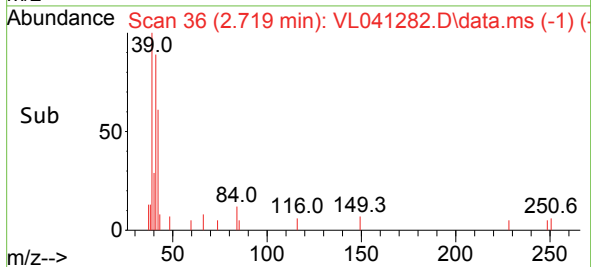
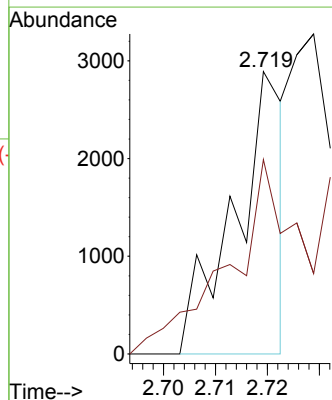
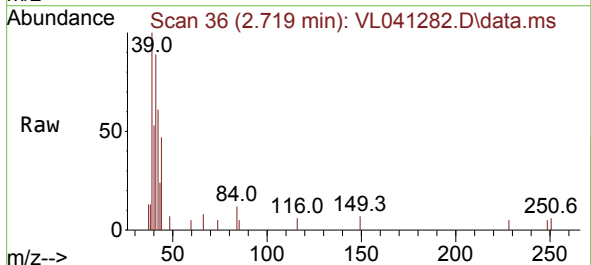


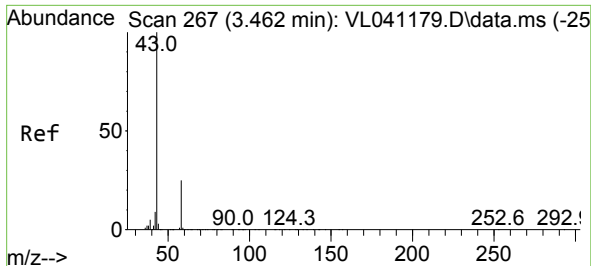
Tgt Ion: 49 Resp: 1001191
 Ion Ratio Lower Upper
 49 100
 128 46.9 21.5 64.5
 130 59.0 27.2 81.6



#9
 Propene
 Concen: 0.032 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: VL041282.D
 Acq: 24 May 2024 9:03

Tgt Ion: 41 Resp: 1894
 Ion Ratio Lower Upper
 41 100
 42 149.7 55.3 82.9#





#15

Acetone

Concen: 0.201 ppbv

RT: 3.513 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL041282.D

Acq: 24 May 2024 9:03

Instrument :

MSVOA_L

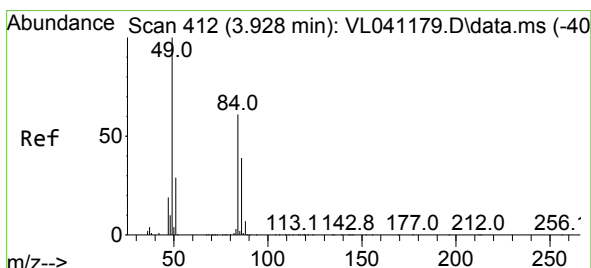
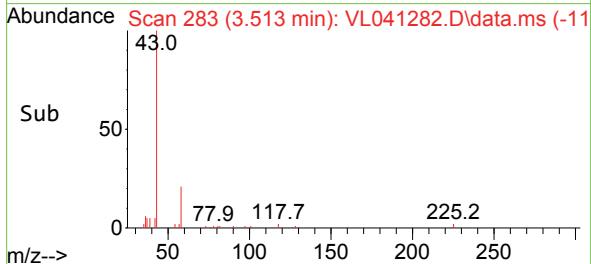
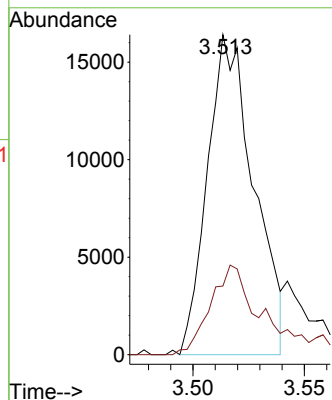
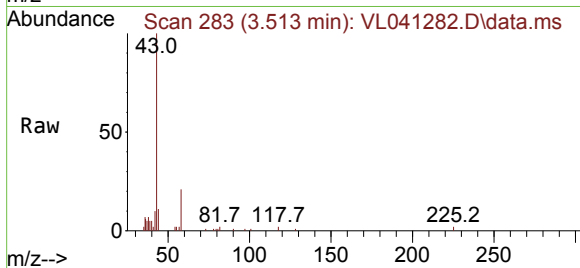
ClientSampleId :

Tgt Ion: 43 Resp: 23745

Ion Ratio Lower Upper

43 100

58 36.5 21.4 32.0#



#20

Methylene Chloride

Concen: 0.095 ppbv

RT: 3.947 min Scan# 418

Delta R.T. -0.003 min

Lab File: VL041282.D

Acq: 24 May 2024 9:03

Tgt Ion: 84 Resp: 3912

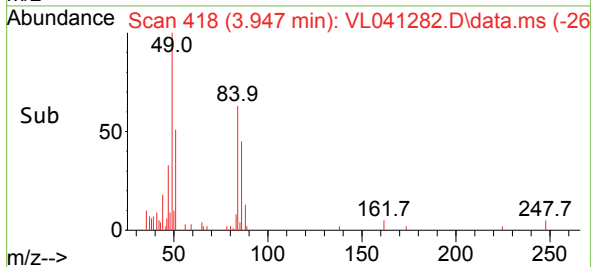
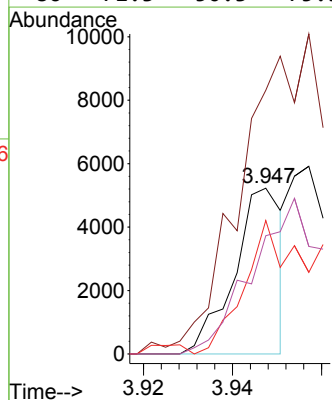
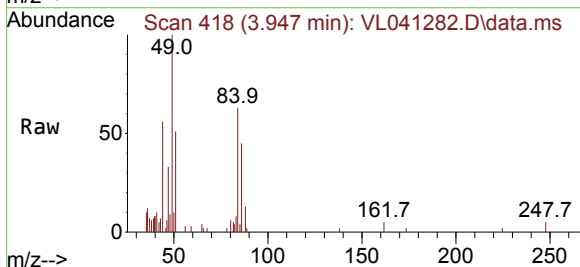
Ion Ratio Lower Upper

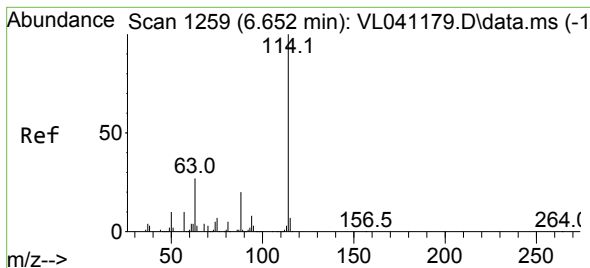
84 100

49 151.3 130.4 195.6

51 75.0 38.0 57.0#

86 71.3 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: VL041282.D

Acq: 24 May 2024 9:03

Instrument :

MSVOA_L

ClientSampleId :

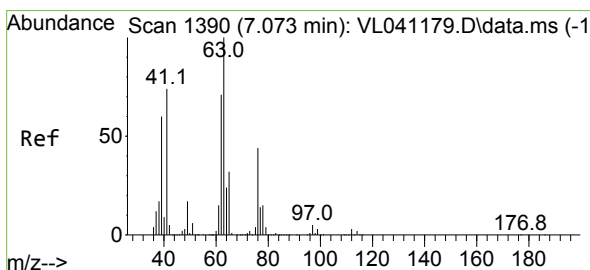
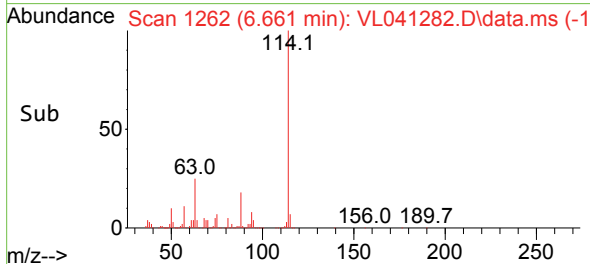
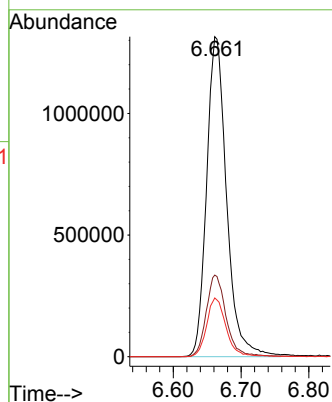
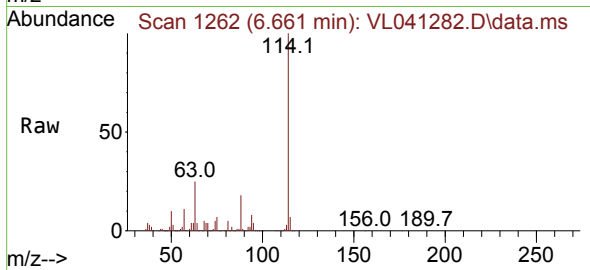
Tgt Ion:114 Resp: 2690232

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

88 18.0 15.2 22.8



#39

1,2-Dichloropropane

Concen: 7.823 ppbv

RT: 6.661 min Scan# 1262

Delta R.T. -0.424 min

Lab File: VL041282.D

Acq: 24 May 2024 9:03

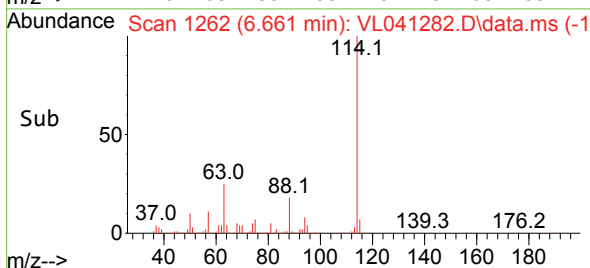
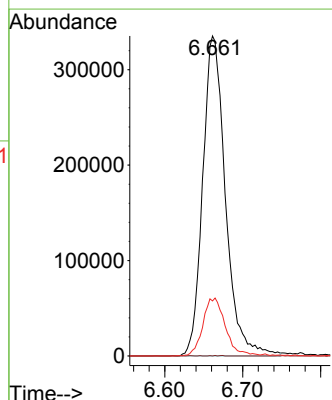
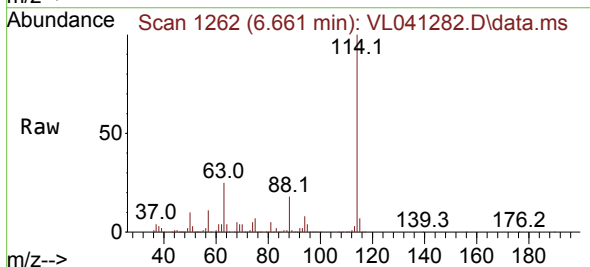
Tgt Ion: 63 Resp: 680599

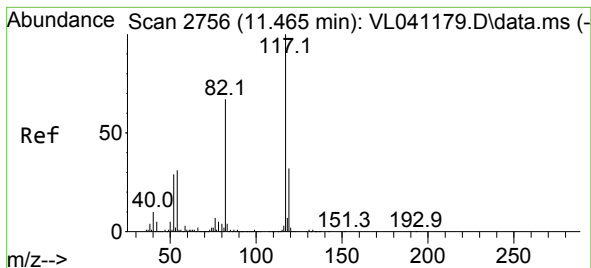
Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 17.1 56.8 85.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041282.D

Acq: 24 May 2024 9:03

Instrument :

MSVOA_L

ClientSampleId :

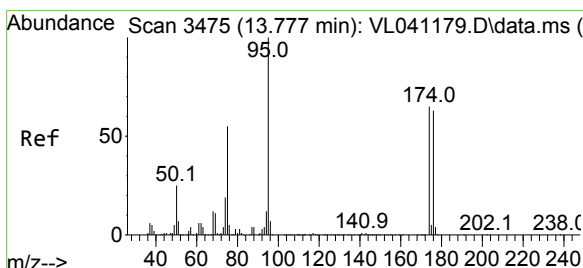
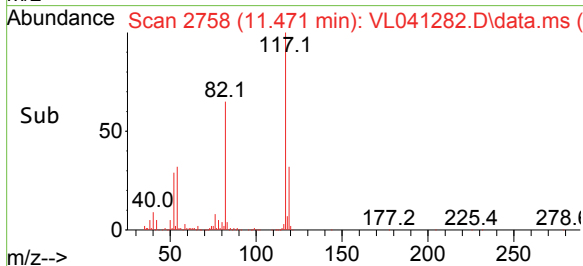
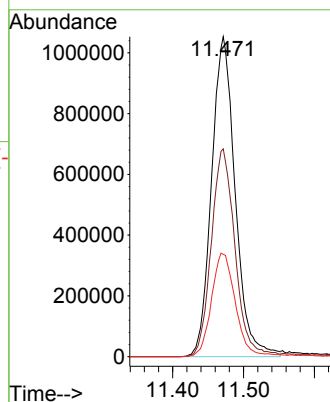
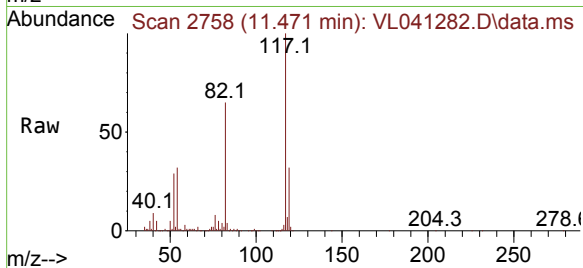
Tgt Ion:117 Resp: 2441503

Ion Ratio Lower Upper

117 100

82 66.9 53.6 80.4

119 33.7 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.414 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VL041282.D

Acq: 24 May 2024 9:03

Tgt Ion: 95 Resp: 1919456

Ion Ratio Lower Upper

95 100

174 65.0 53.6 80.4

175 4.8 4.2 6.4

