

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041545.D
 Acq On : 19 Aug 2024 12:51
 Operator : SY/MD
 Sample : QC081424 CAN 10054
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081424 CAN 10054

Quant Time: Aug 20 02:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 20 02:10:04 2024
 Response via : Initial Calibration

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

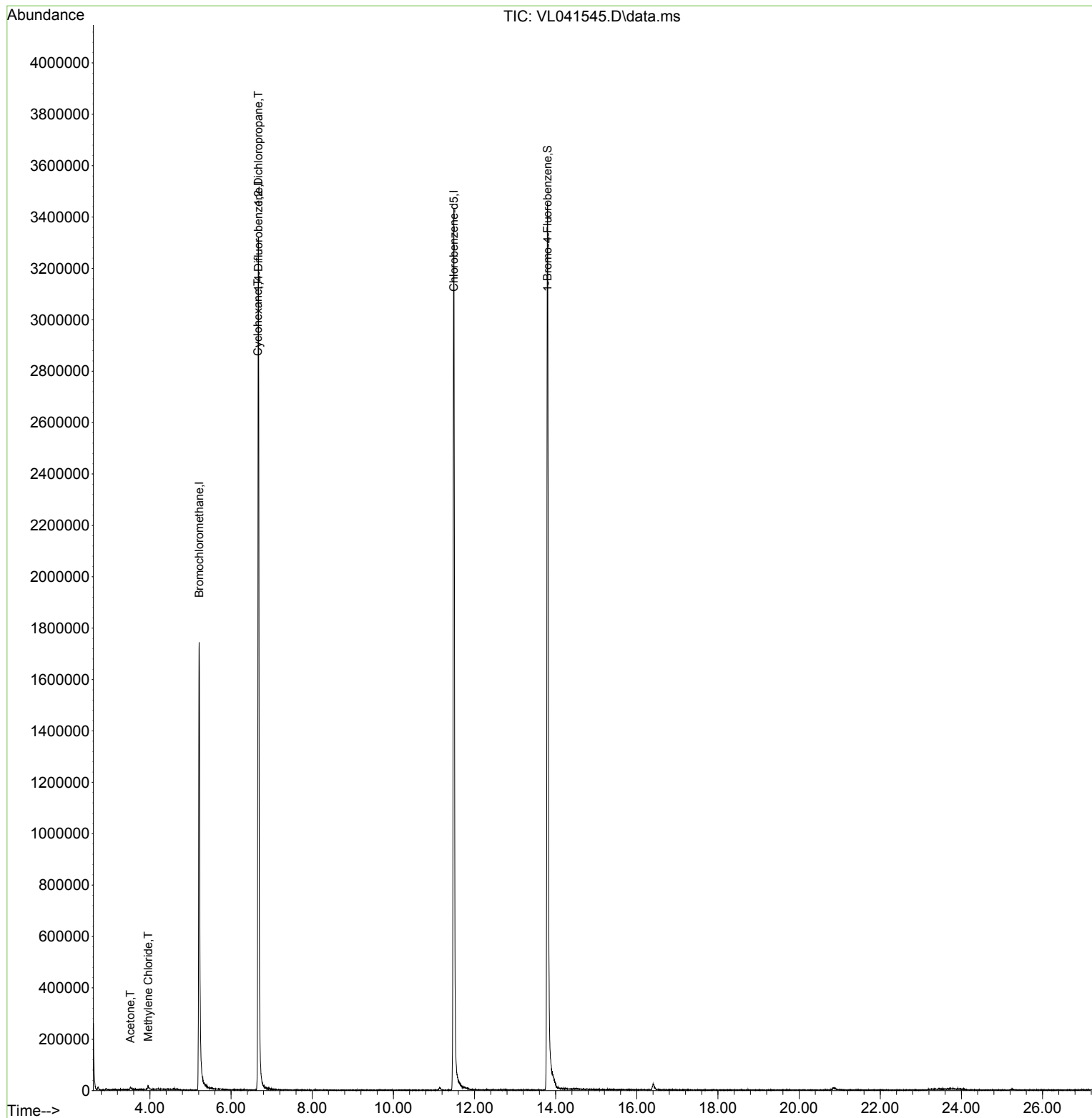
Internal Standards						
1) Bromochloromethane	5.214	49	919015	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2504237	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2251168	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1729778	9.985	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
15) Acetone	3.517	43	9460	0.091	ppbv #	75
20) Methylene Chloride	3.957	84	2097	0.054	ppbv #	73
30) Cyclohexane	6.664	84	3309	0.047	ppbv #	1
39) 1,2-Dichloropropane	6.671	63	607896	8.677	ppbv #	26

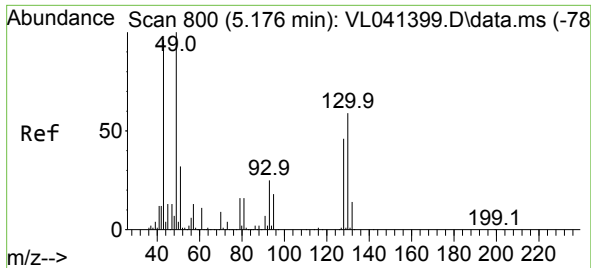
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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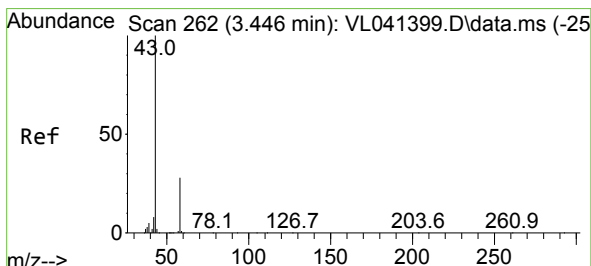
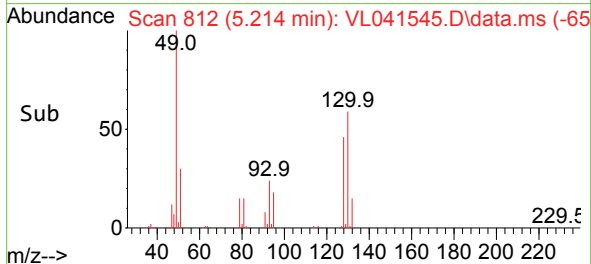
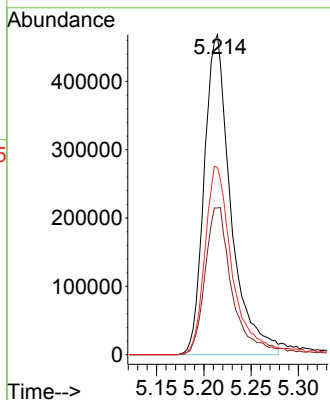
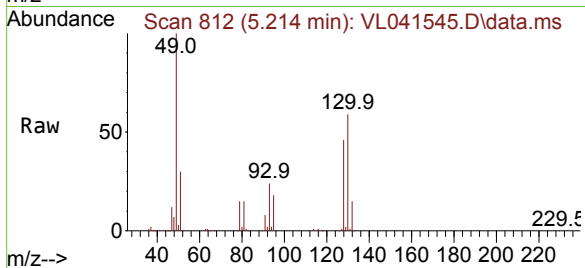




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041545.D
Acq: 19 Aug 2024 12:51

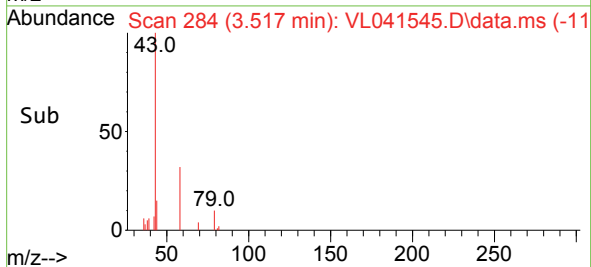
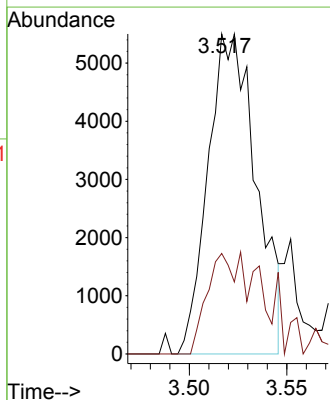
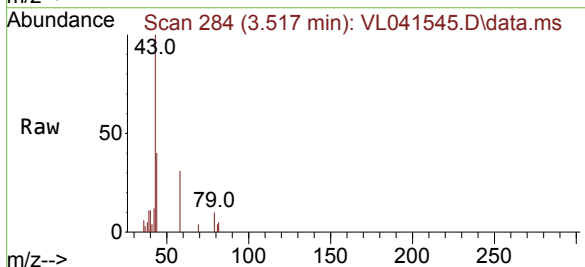
Instrument :
MSVOA_L
ClientSampleId :
QC081424 CAN 10054

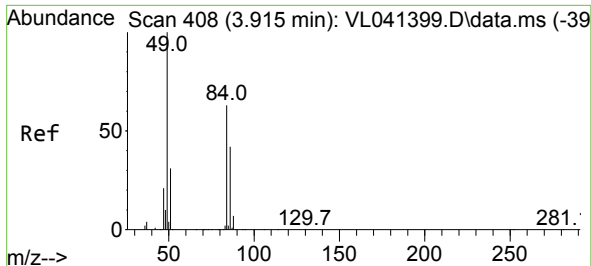
Tgt Ion: 49 Resp: 919015
Ion Ratio Lower Upper
49 100
128 49.4 23.8 71.4
130 63.5 30.8 92.4



#15
Acetone
Concen: 0.091 ppbv
RT: 3.517 min Scan# 284
Delta R.T. 0.032 min
Lab File: VL041545.D
Acq: 19 Aug 2024 12:51

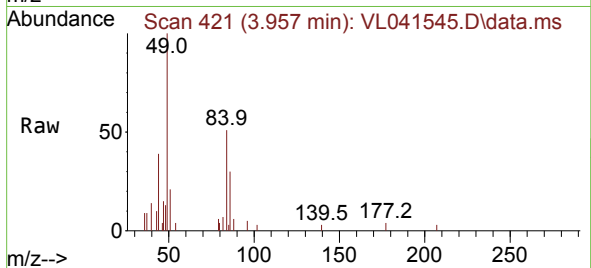
Tgt Ion: 43 Resp: 9460
Ion Ratio Lower Upper
43 100
58 39.5 21.4 32.2#



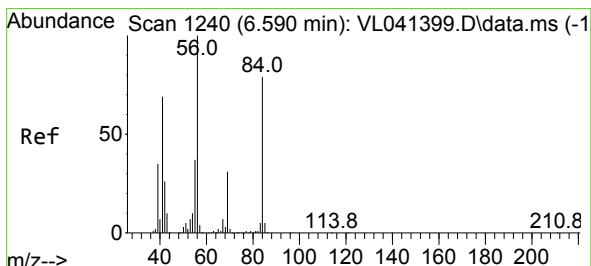
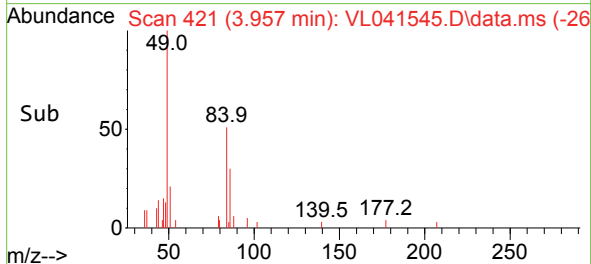
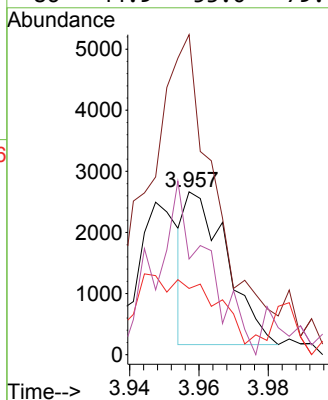


#20
Methylene Chloride
Concen: 0.054 ppbv
RT: 3.957 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041545.D
Acq: 19 Aug 2024 12:51

Instrument :
MSVOA_L
ClientSampleId :
QC081424 CAN 10054

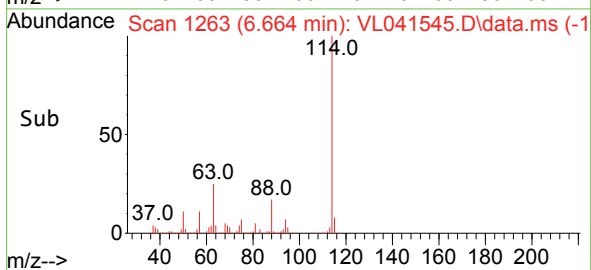
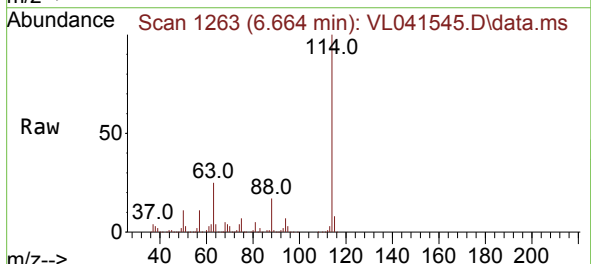
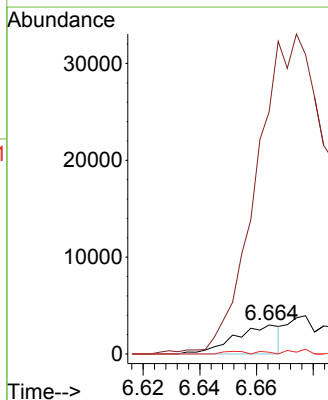


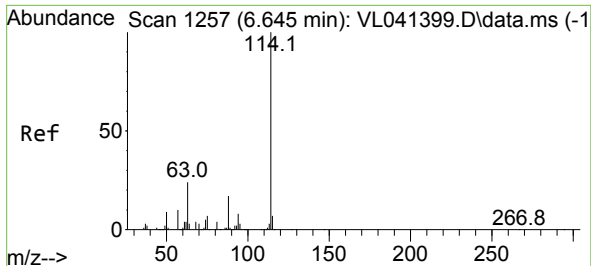
Tgt Ion:	84	Resp:	2097
Ion	Ratio	Lower	Upper
84	100		
49	184.1	126.6	190.0
51	11.8	38.6	58.0#
86	44.9	53.0	79.4#



#30
Cyclohexane
Concen: 0.047 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.042 min
Lab File: VL041545.D
Acq: 19 Aug 2024 12:51

Tgt Ion:	84	Resp:	3309
Ion	Ratio	Lower	Upper
84	100		
56	0.0	111.2	166.8#
41	4.3	70.3	105.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041545.D

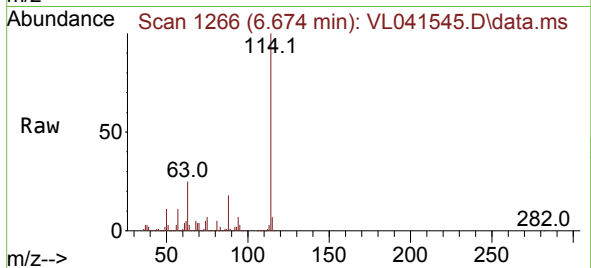
Acq: 19 Aug 2024 12:51

Instrument :

MSVOA_L

ClientSampleId :

QC081424 CAN 10054



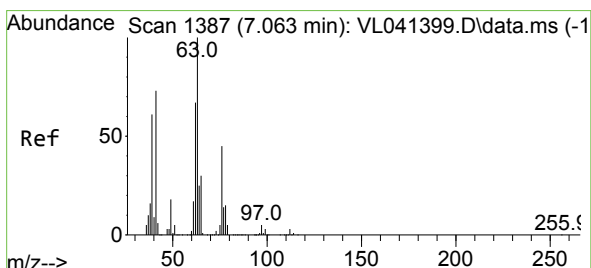
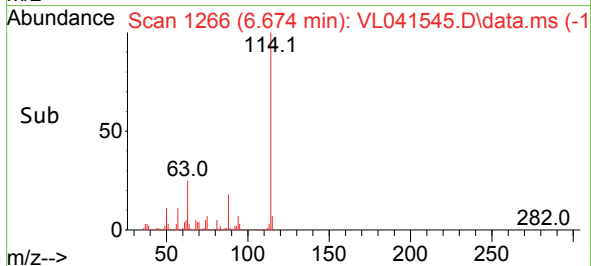
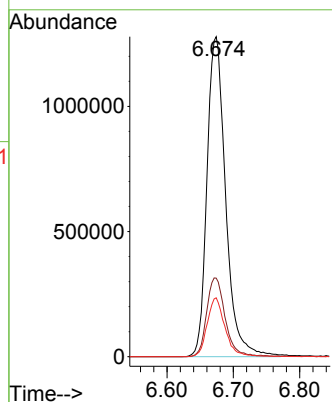
Tgt Ion:114 Resp: 2504237

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

88 17.7 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.677 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.424 min

Lab File: VL041545.D

Acq: 19 Aug 2024 12:51

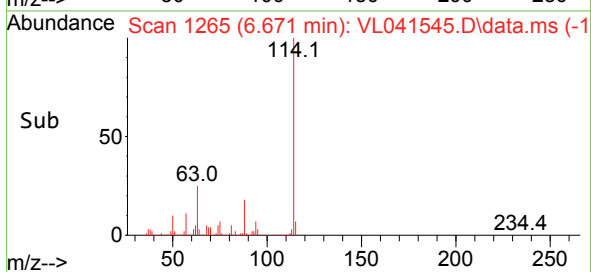
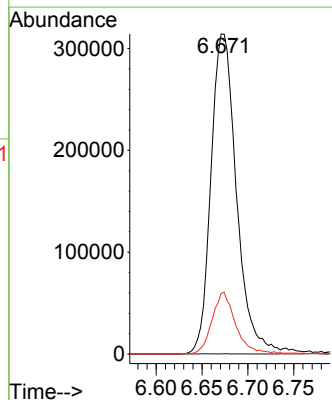
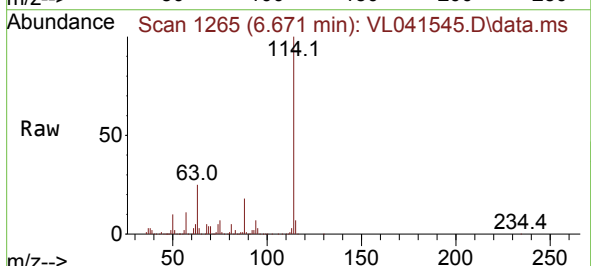
Tgt Ion: 63 Resp: 607896

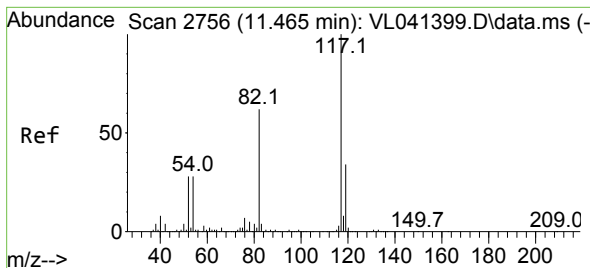
Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 18.9 53.9 80.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041545.D

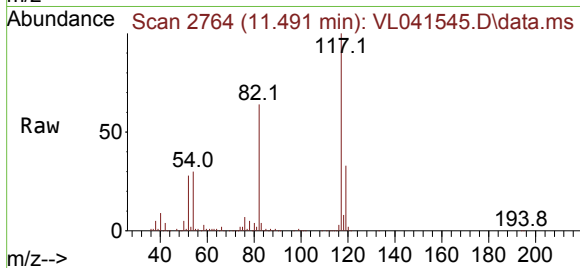
Acq: 19 Aug 2024 12:51

Instrument :

MSVOA_L

ClientSampleId :

QC081424 CAN 10054



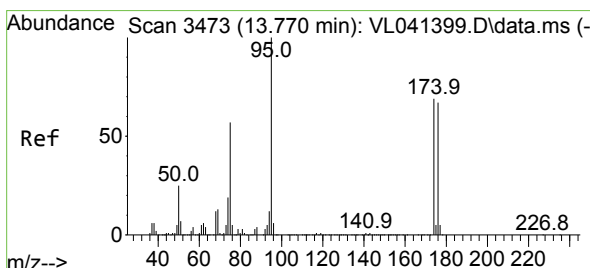
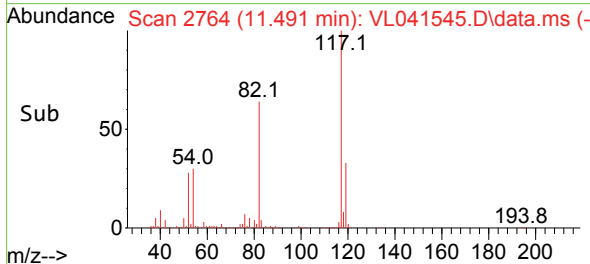
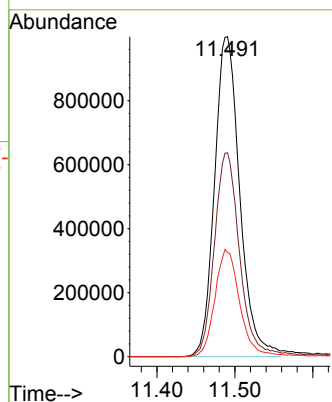
Tgt Ion:117 Resp: 2251168

Ion Ratio Lower Upper

117 100

82 65.0 51.0 76.6

119 33.4 45.2 67.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.985 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.000 min

Lab File: VL041545.D

Acq: 19 Aug 2024 12:51

Tgt Ion: 95 Resp: 1729778

Ion Ratio Lower Upper

95 100

174 71.1 56.3 84.5

175 5.0 4.0 6.0

