

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041544.D
 Acq On : 19 Aug 2024 12:10
 Operator : SY/MD
 Sample : QC081424 CAN 10280
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081424 CAN 10280

Quant Time: Aug 20 02:15:46 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)

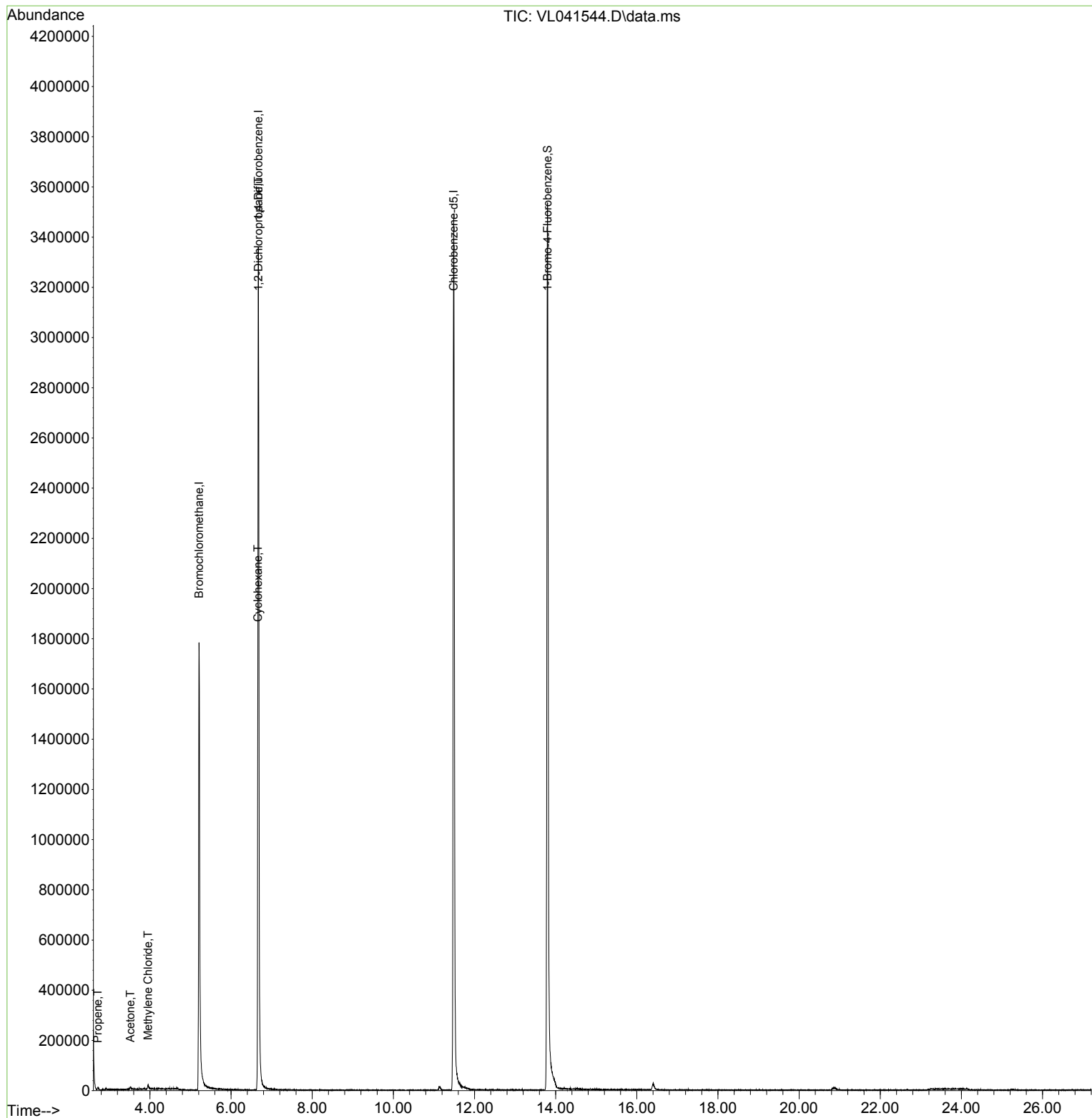
Internal Standards						
1) Bromochloromethane	5.211	49	949170	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2545670	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2300783	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1739581	9.825	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
9) Propene	2.716	41	2229	0.043	ppbv #	15
15) Acetone	3.517	43	9409	0.087	ppbv #	80
20) Methylene Chloride	3.951	84	2208	0.055	ppbv #	88
30) Cyclohexane	6.658	84	2860	0.040	ppbv #	1
39) 1,2-Dichloropropane	6.671	63	621374	8.725	ppbv #	25

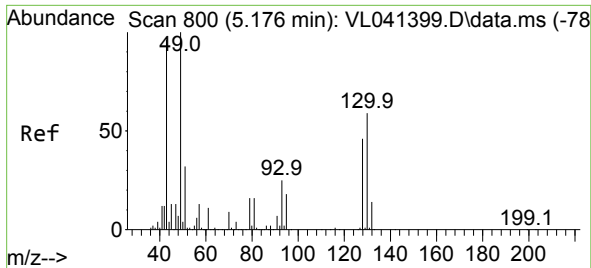
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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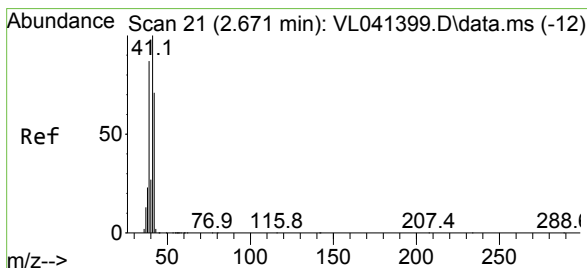
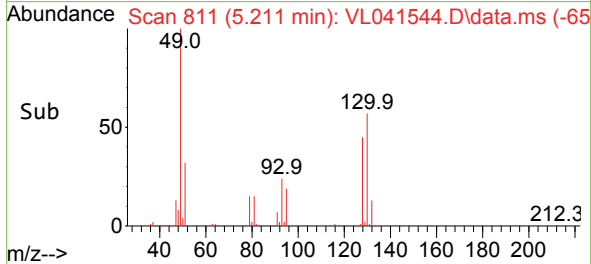
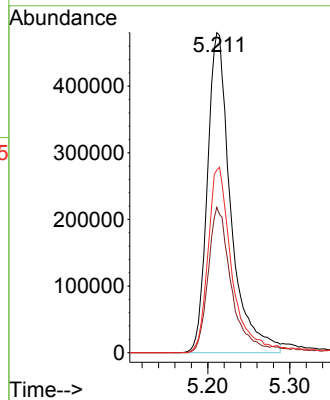
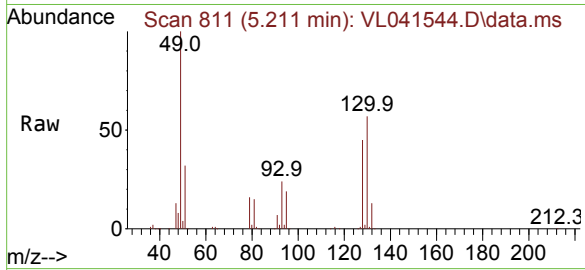




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041544.D
Acq: 19 Aug 2024 12:10

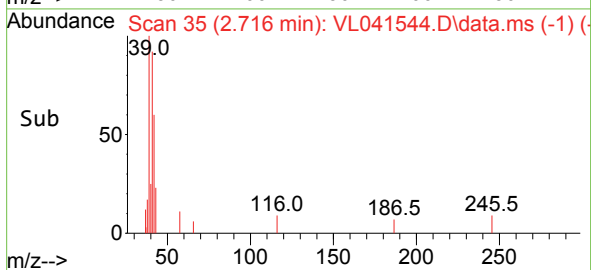
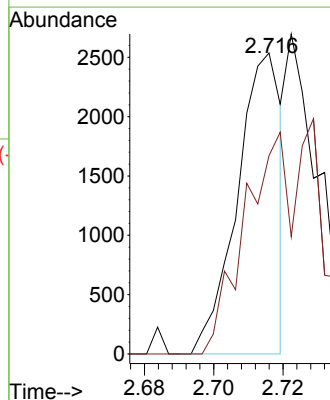
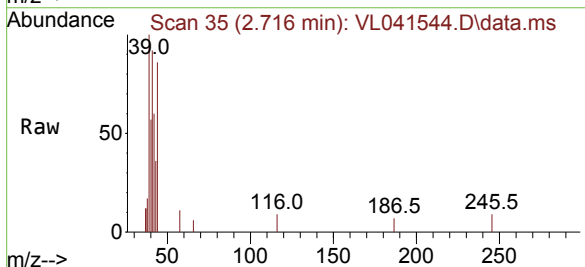
Instrument :
MSVOA_L
ClientSampleId :
QC081424 CAN 10280

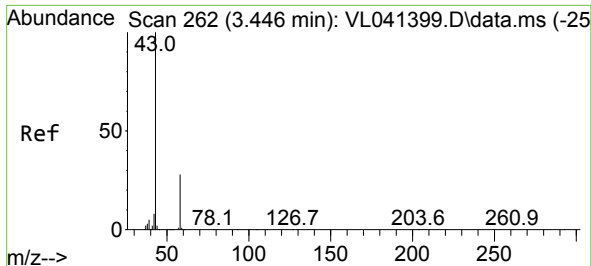
Tgt Ion: 49 Resp: 949170
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.4
130 62.1 30.8 92.4



#9
Propene
Concen: 0.043 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL041544.D
Acq: 19 Aug 2024 12:10

Tgt Ion: 41 Resp: 2229
Ion Ratio Lower Upper
41 100
42 0.0 55.9 83.9#





#15

Acetone

Concen: 0.087 ppbv

RT: 3.517 min Scan# 21

Delta R.T. 0.032 min

Lab File: VL041544.D

Acq: 19 Aug 2024 12:10

Instrument :

MSVOA_L

ClientSampleId :

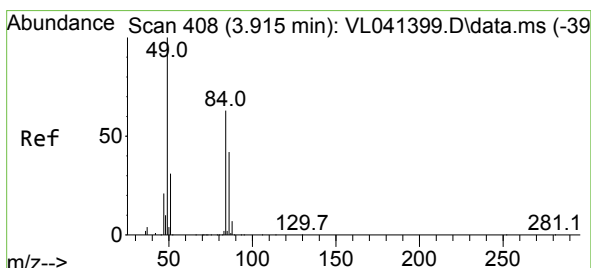
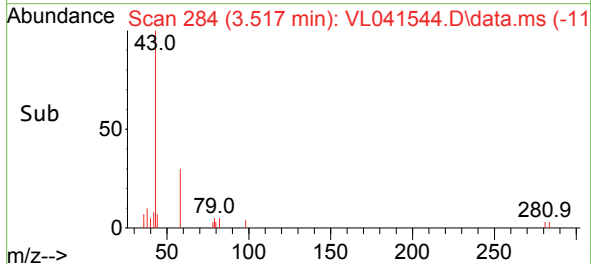
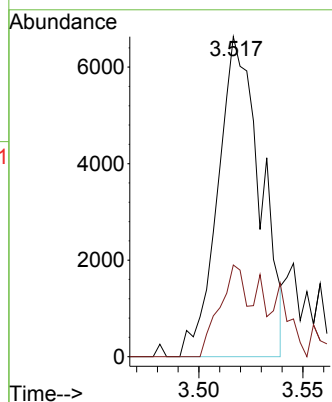
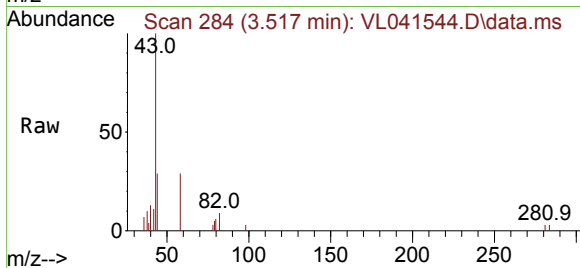
QC081424 CAN 10280

Tgt Ion: 43 Resp: 9409

Ion Ratio Lower Upper

43 100

58 37.1 21.4 32.2#



#20

Methylene Chloride

Concen: 0.055 ppbv

RT: 3.951 min Scan# 419

Delta R.T. -0.000 min

Lab File: VL041544.D

Acq: 19 Aug 2024 12:10

Tgt Ion: 84 Resp: 2208

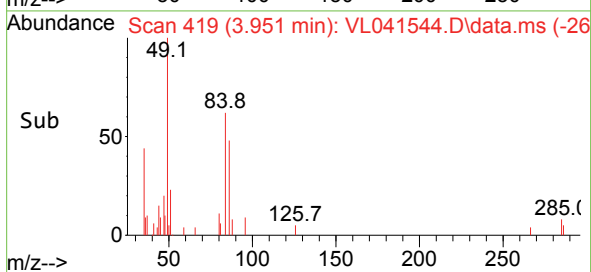
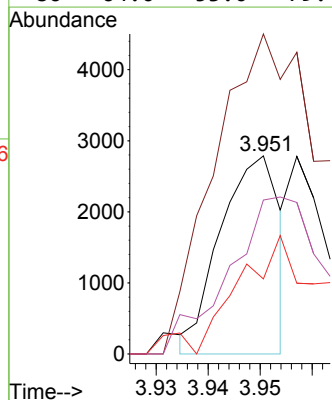
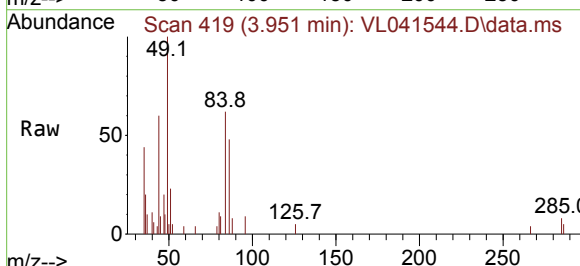
Ion Ratio Lower Upper

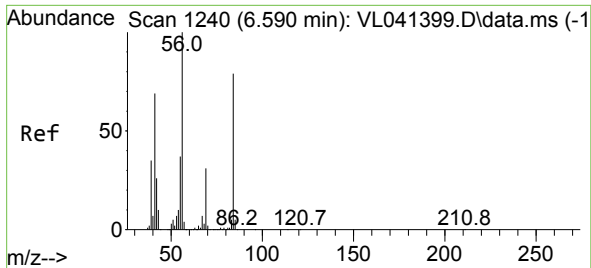
84 100

49 144.0 126.6 190.0

51 30.2 38.6 58.0#

86 64.0 53.0 79.4

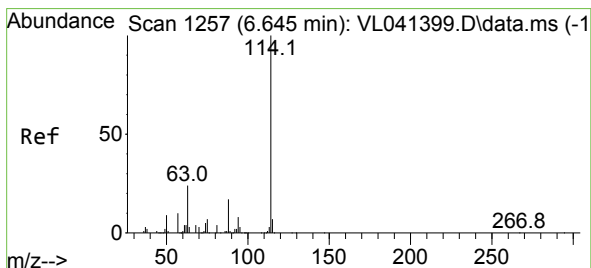
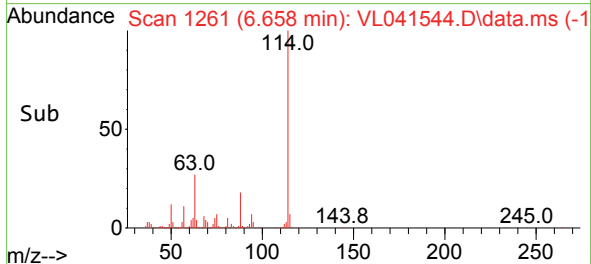
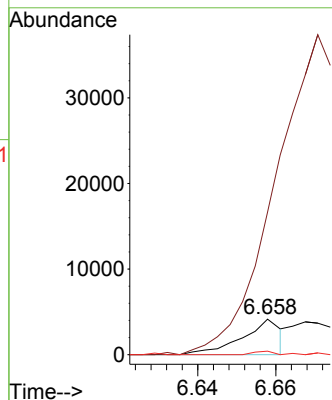
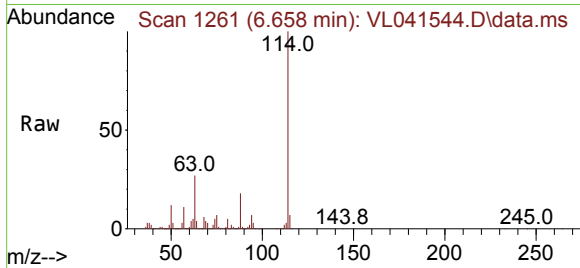




#30
Cyclohexane
Concen: 0.040 ppbv
RT: 6.658 min Scan# 11
Delta R.T. 0.035 min
Lab File: VL041544.D
Acq: 19 Aug 2024 12:10

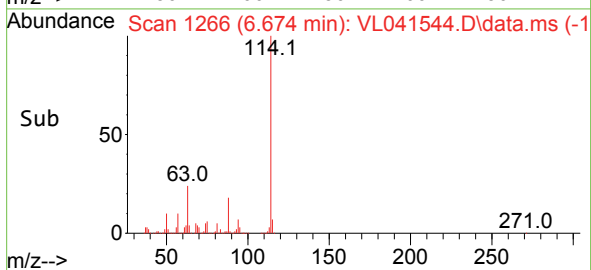
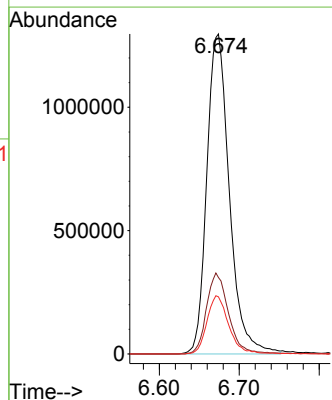
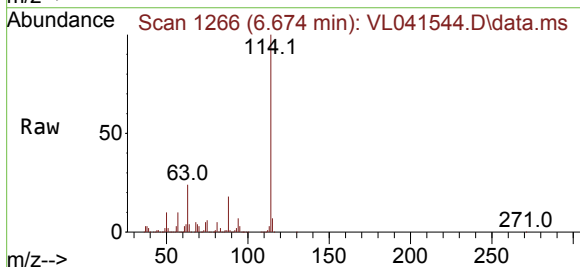
Instrument :
MSVOA_L
ClientSampleId :
QC081424 CAN 10280

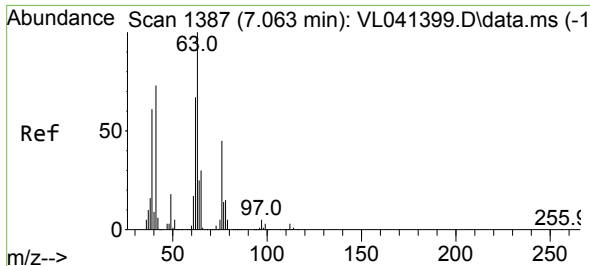
Tgt Ion: 84 Resp: 2860
Ion Ratio Lower Upper
84 100
56 0.0 111.2 166.8#
41 7.3 70.3 105.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. 0.003 min
Lab File: VL041544.D
Acq: 19 Aug 2024 12:10

Tgt Ion: 114 Resp: 2545670
Ion Ratio Lower Upper
114 100
63 24.9 20.3 30.5
88 17.6 14.3 21.5





#39

1,2-Dichloropropane

Concen: 8.725 ppbv

RT: 6.671 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL041544.D

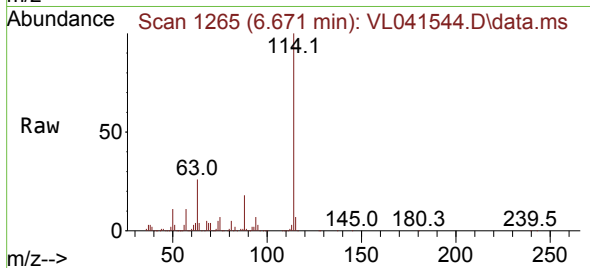
Acq: 19 Aug 2024 12:10

Instrument :

MSVOA_L

ClientSampleId :

QC081424 CAN 10280



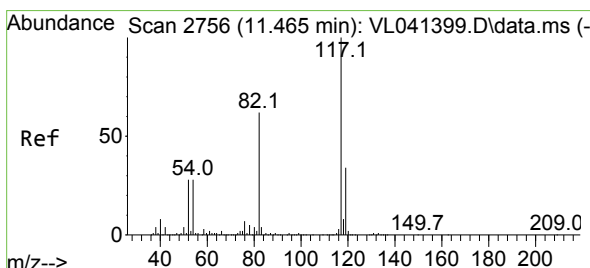
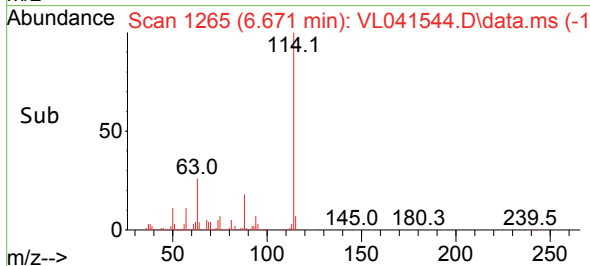
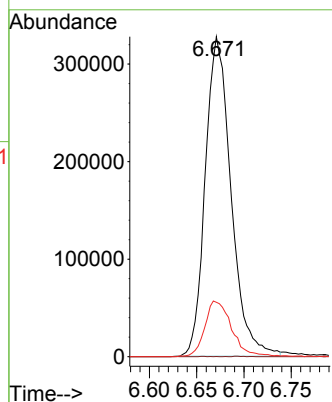
Tgt Ion: 63 Resp: 621374

Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 16.8 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 2763

Delta R.T. -0.003 min

Lab File: VL041544.D

Acq: 19 Aug 2024 12:10

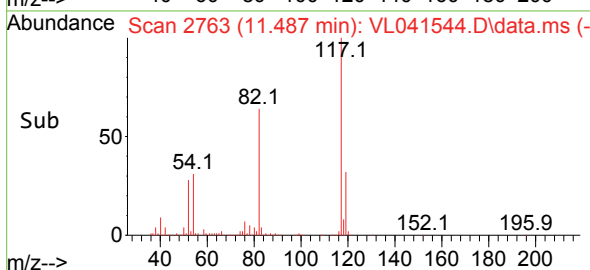
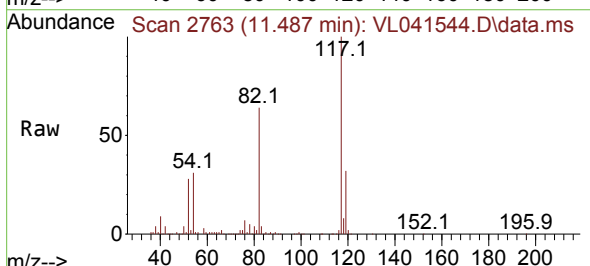
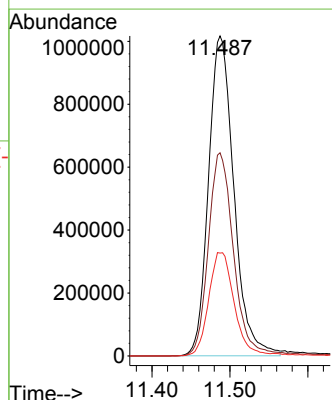
Tgt Ion: 117 Resp: 2300783

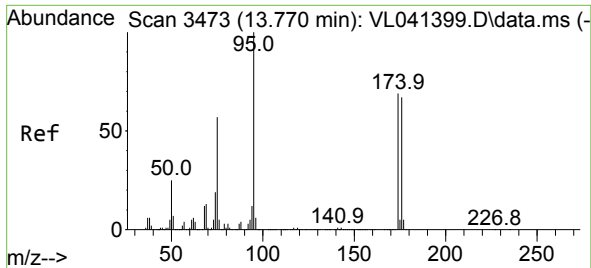
Ion Ratio Lower Upper

117 100

82 64.4 51.0 76.6

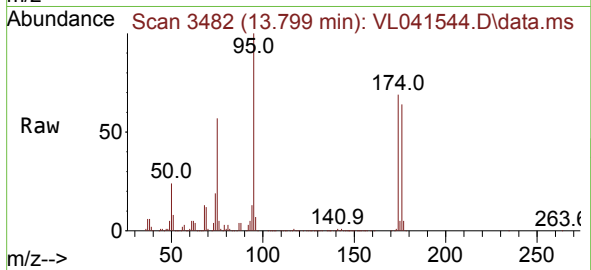
119 33.3 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.825 ppbv
 RT: 13.799 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VL041544.D
 Acq: 19 Aug 2024 12:10

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081424 CAN 10280



Tgt Ion: 95 Resp: 1739581

Ion	Ratio	Lower	Upper
95	100		
174	71.9	56.3	84.5
175	5.1	4.0	6.0

