

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041262.D
 Acq On : 21 May 2024 12:53
 Operator : SY/MD
 Sample : QC051524 CAN 10331
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC051524 CAN 10331

Quant Time: May 22 05:43:21 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 : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

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

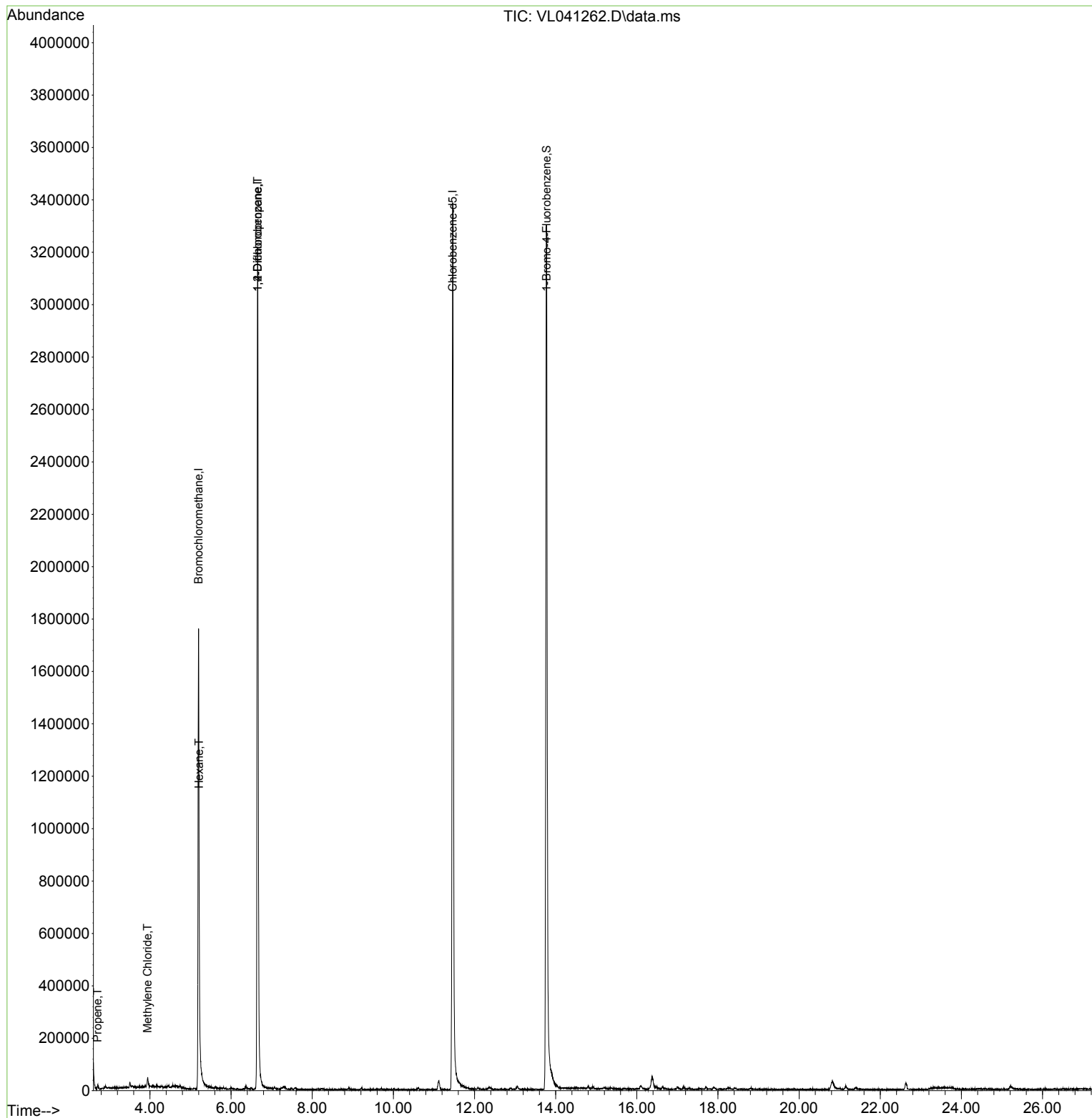
Internal Standards						
1) Bromochloromethane	5.198	49	918196	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2476753	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2274490	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1713031	9.976	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
9) Propene	2.706	41	5242	0.096	ppbv	97
20) Methylene Chloride	3.944	84	9791	0.260	ppbv	88
26) Hexane	5.211	57	6642	0.069	ppbv #	56
39) 1,2-Dichloropropane	6.655	63	627718	7.837	ppbv #	24

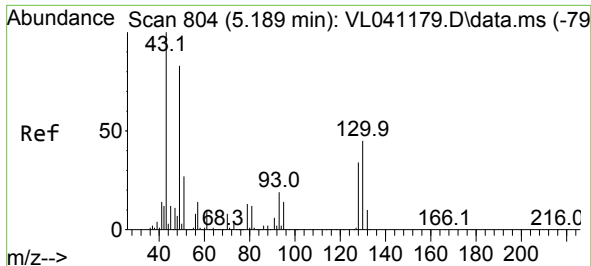
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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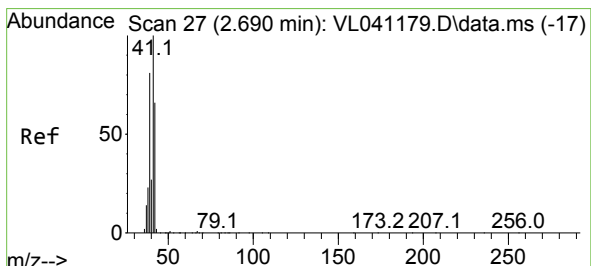
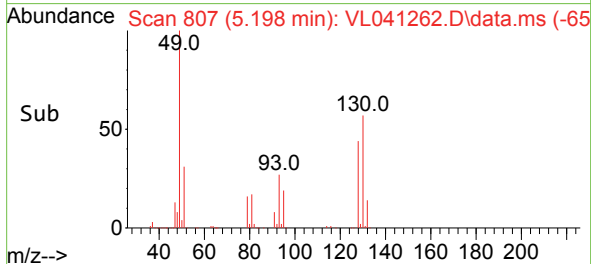
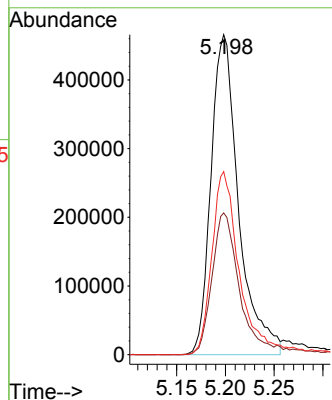
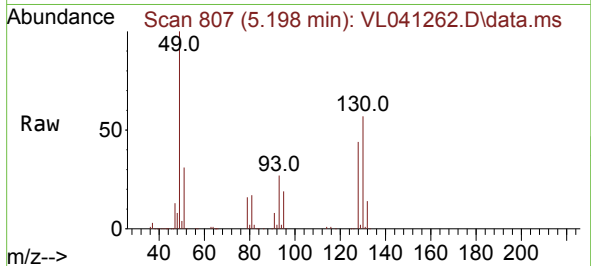




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041262.D
Acq: 21 May 2024 12:53

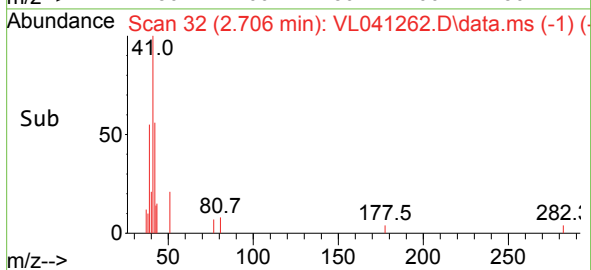
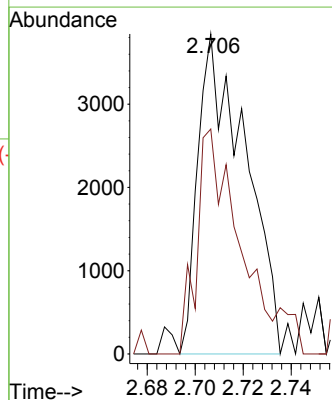
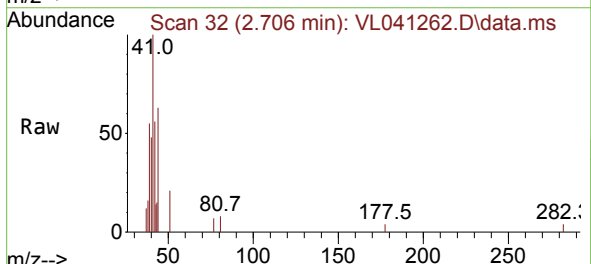
Instrument :
MSVOA_L
ClientSampleId :
QC051524 CAN 10331

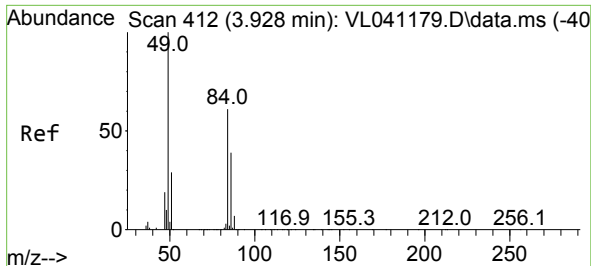
Tgt Ion: 49 Resp: 918196
Ion Ratio Lower Upper
49 100
128 47.0 21.5 64.5
130 60.0 27.2 81.6



#9
Propene
Concen: 0.096 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.006 min
Lab File: VL041262.D
Acq: 21 May 2024 12:53

Tgt Ion: 41 Resp: 5242
Ion Ratio Lower Upper
41 100
42 71.2 55.3 82.9



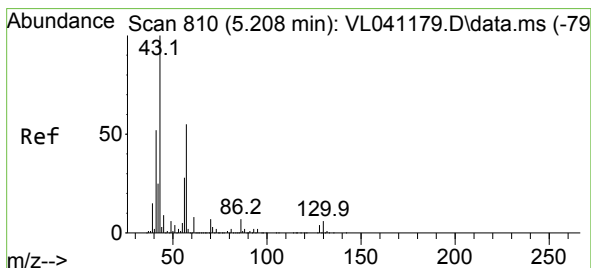
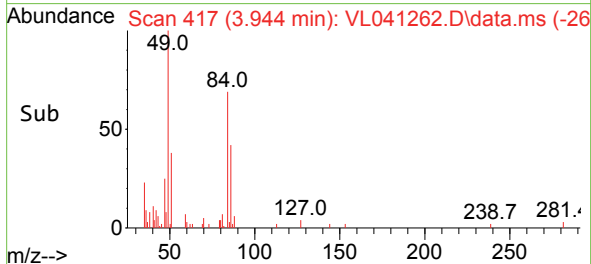
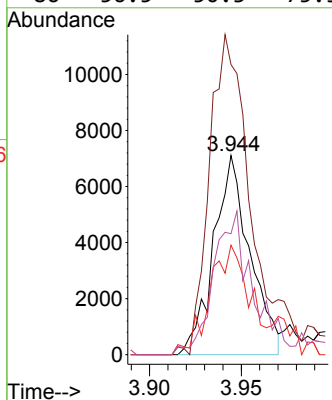
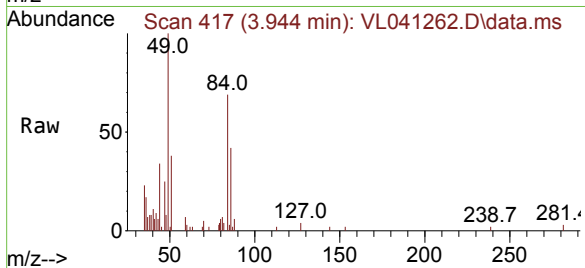


#20
Methylene Chloride
Concen: 0.260 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.000 min
Lab File: VL041262.D
Acq: 21 May 2024 12:53

Instrument :
MSVOA_L
ClientSampleId :
QC051524 CAN 10331

Tgt Ion: 84 Resp: 9791

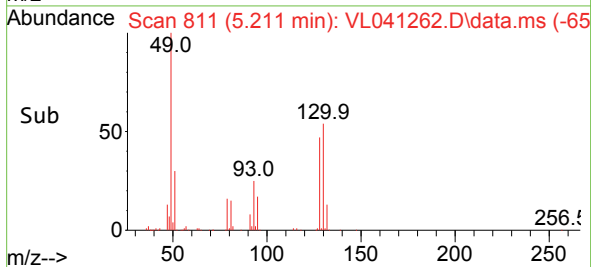
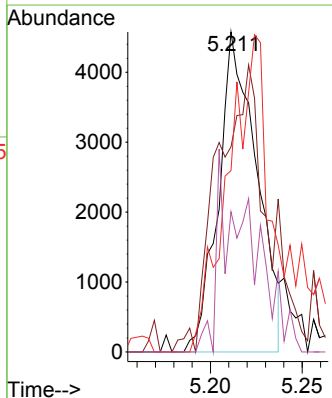
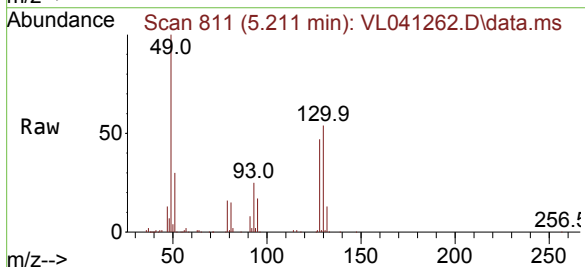
Ion	Ratio	Lower	Upper
84	100		
49	141.8	130.4	195.6
51	49.8	38.0	57.0
86	56.5	50.3	75.5

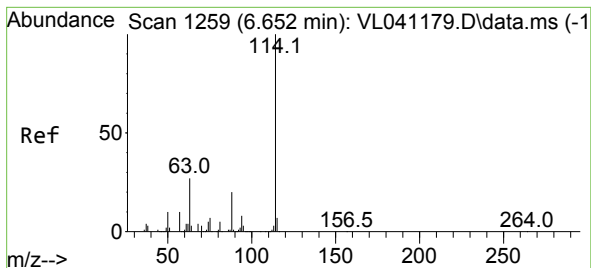


#26
Hexane
Concen: 0.069 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL041262.D
Acq: 21 May 2024 12:53

Tgt Ion: 57 Resp: 6642

Ion	Ratio	Lower	Upper
57	100		
41	129.5	75.8	113.8#
43	139.9	187.0	280.4#
56	55.1	42.7	64.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041262.D

Acq: 21 May 2024 12:53

Instrument :

MSVOA_L

ClientSampleId :

QC051524 CAN 10331

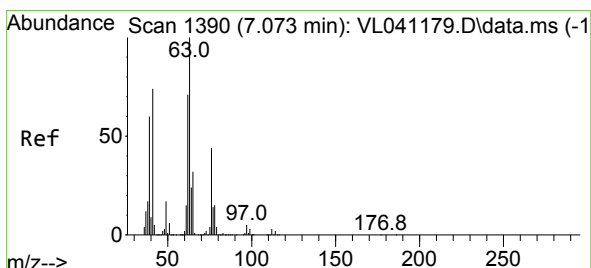
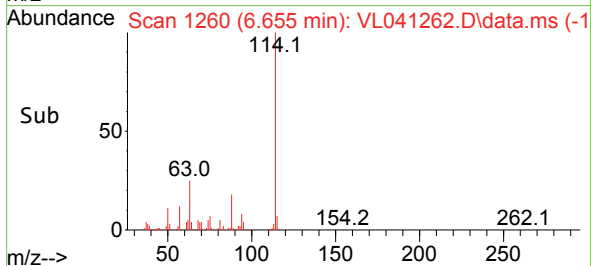
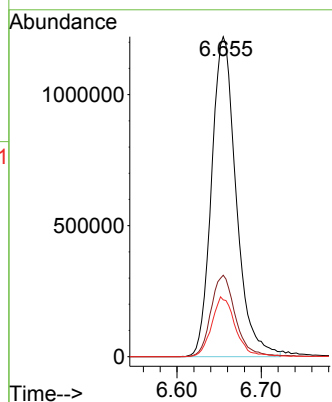
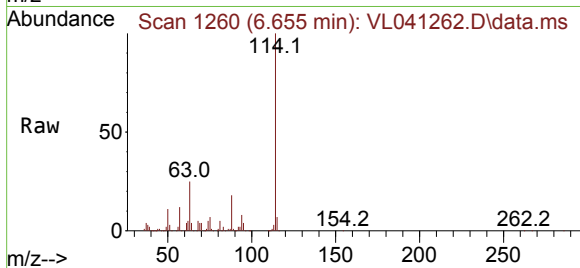
Tgt Ion:114 Resp: 2476753

Ion Ratio Lower Upper

114 100

63 25.6 21.8 32.6

88 18.1 15.2 22.8



#39

1,2-Dichloropropane

Concen: 7.837 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.421 min

Lab File: VL041262.D

Acq: 21 May 2024 12:53

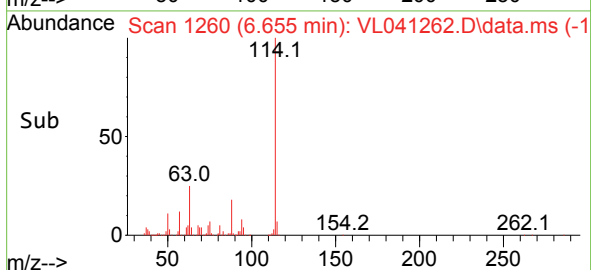
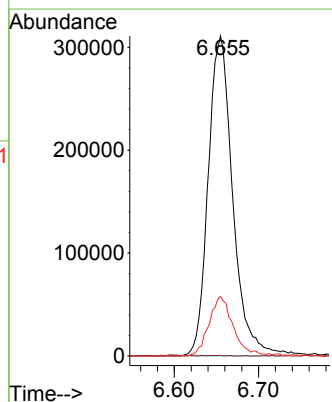
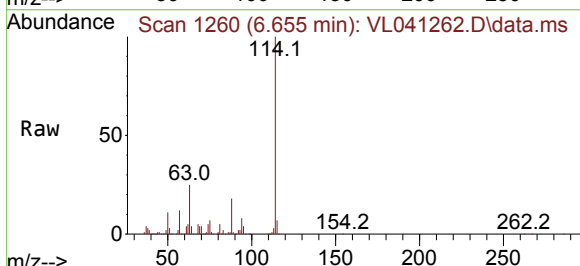
Tgt Ion: 63 Resp: 627718

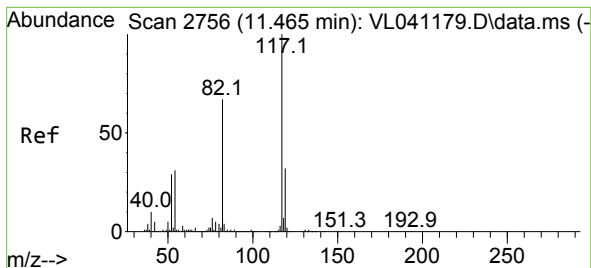
Ion Ratio Lower Upper

63 100

41 0.2 59.4 89.0#

62 18.6 56.8 85.2#

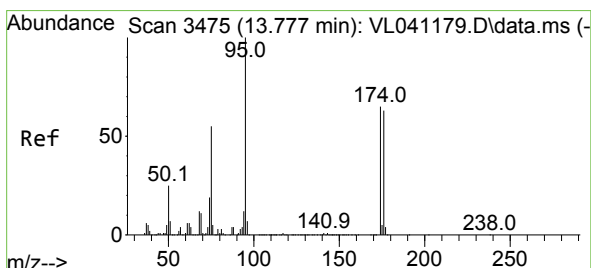
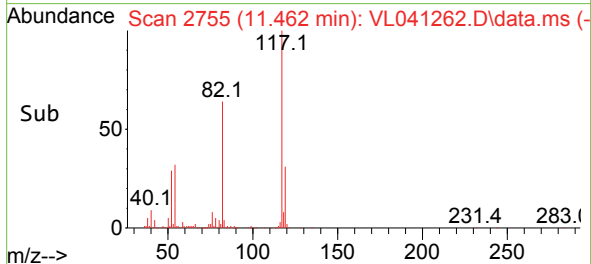
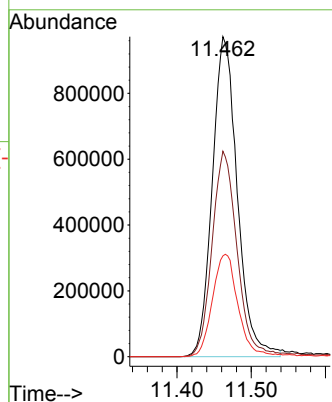
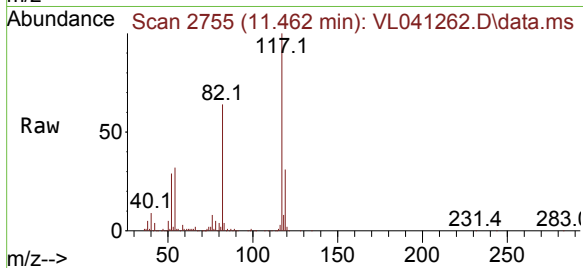




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041262.D
Acq: 21 May 2024 12:53

Instrument :
MSVOA_L
ClientSampleId :
QC051524 CAN 10331

Tgt Ion:117 Resp: 2274490
Ion Ratio Lower Upper
117 100
82 66.2 53.6 80.4
119 33.2 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.976 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.000 min
Lab File: VL041262.D
Acq: 21 May 2024 12:53

Tgt Ion: 95 Resp: 1713031
Ion Ratio Lower Upper
95 100
174 66.6 53.6 80.4
175 4.8 4.2 6.4

