

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041613.D
 Acq On : 18 Sep 2024 19:14
 Operator : SY/MD
 Sample : QC090324 CAN10197
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 19 01:36:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

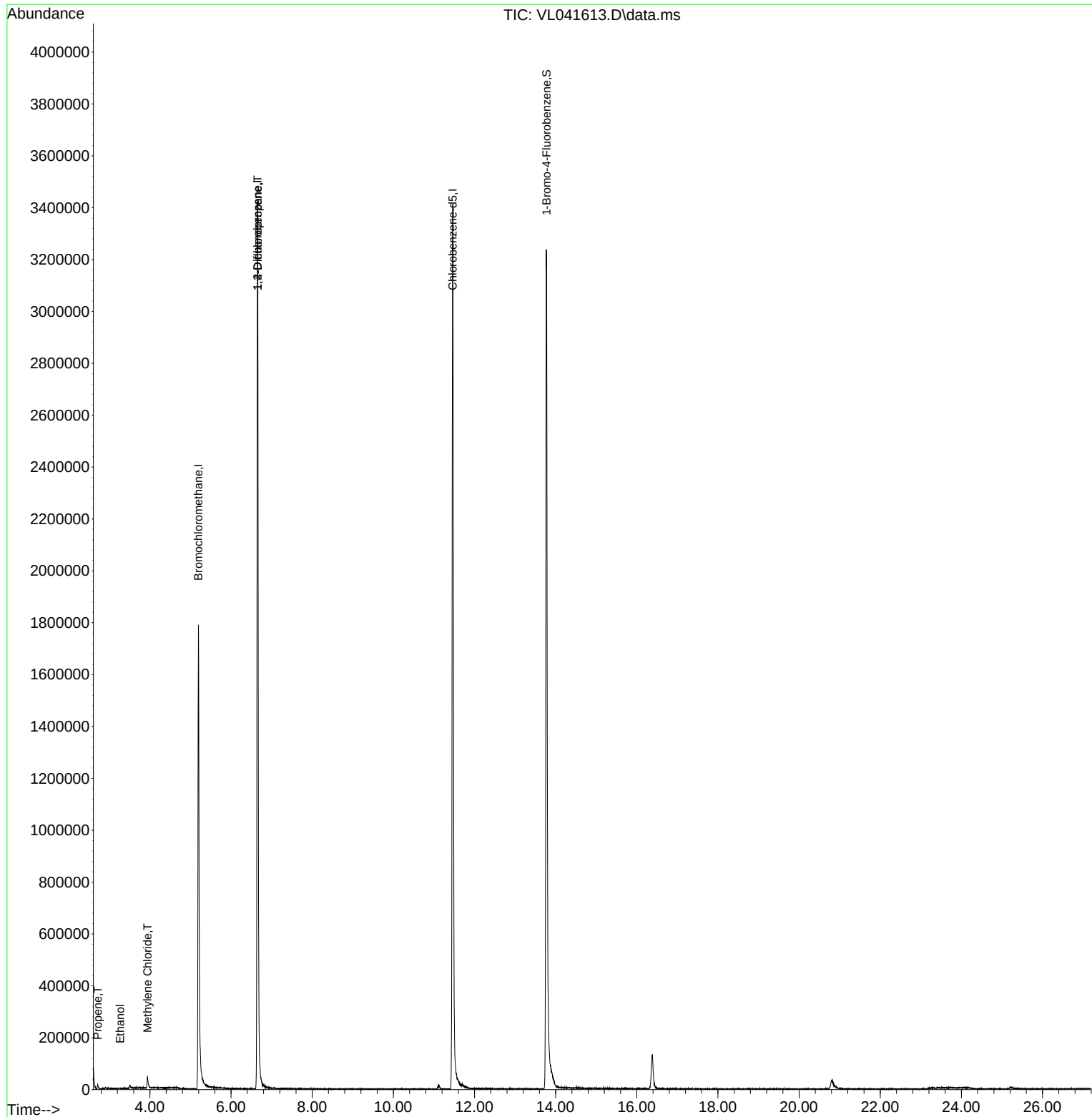
Internal Standards						
1) Bromochloromethane	5.195	49	954938	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.652	114	2600686	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.465	117	2243562	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1644471	9.957	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
9) Propene	2.713	41	4793	0.098	ppbv	96
13) Ethanol	3.266	45	165	0.045	ppbv #	37
20) Methylene Chloride	3.941	84	14120	0.314	ppbv	90
39) 1,2-Dichloropropane	6.655	63	646771	8.802	ppbv #	23

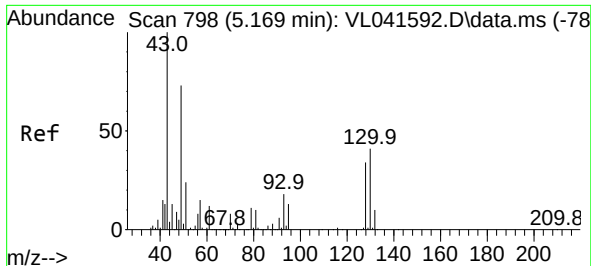
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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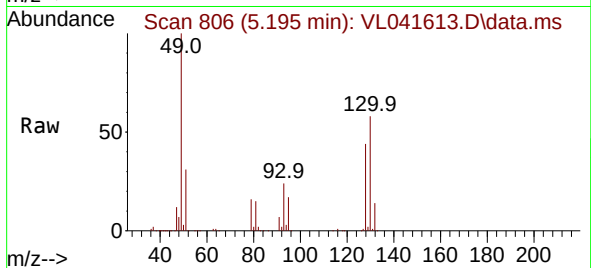
Quant Time: Sep 19 01:36:30 2024
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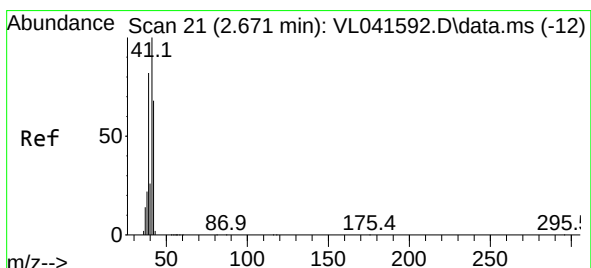
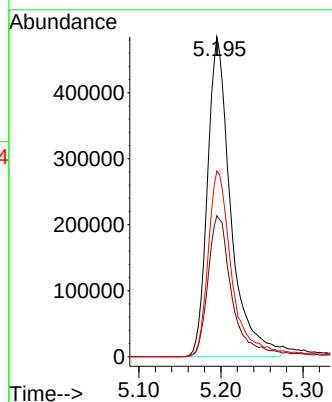
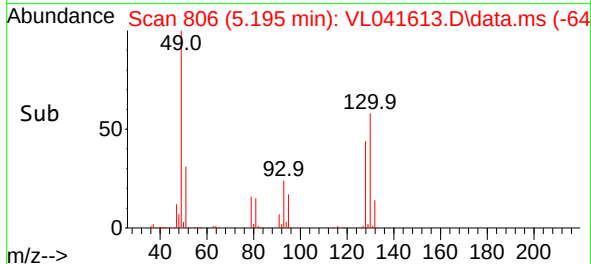


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. 0.026 min
 Lab File: VL041613.D
 Acq: 18 Sep 2024 19:14

Instrument :
 MSVOA_L
 ClientSampleId :

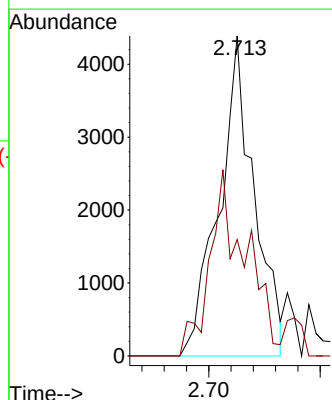
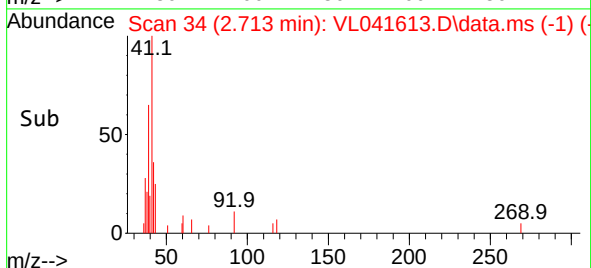
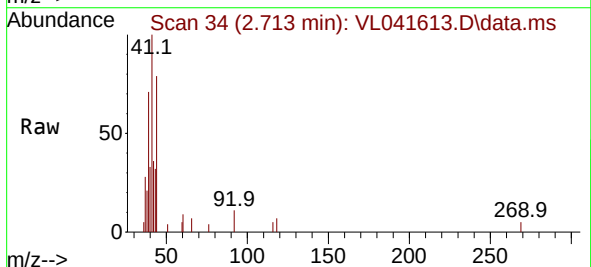


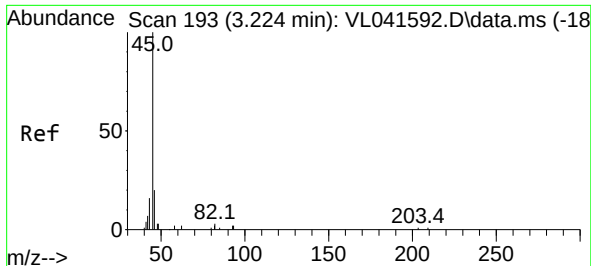
Tgt Ion: 49 Resp: 954938
 Ion Ratio Lower Upper
 49 100
 128 47.1 23.8 71.5
 130 61.1 30.4 91.3



#9
 Propene
 Concen: 0.098 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.042 min
 Lab File: VL041613.D
 Acq: 18 Sep 2024 19:14

Tgt Ion: 41 Resp: 4793
 Ion Ratio Lower Upper
 41 100
 42 65.7 55.2 82.8

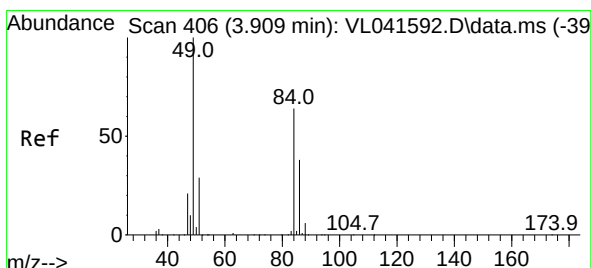
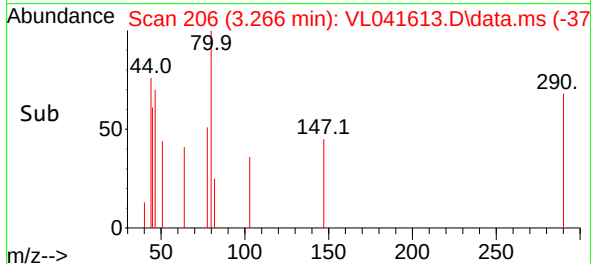
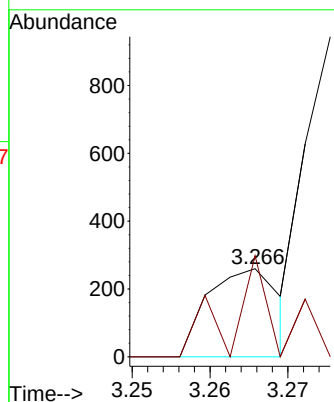
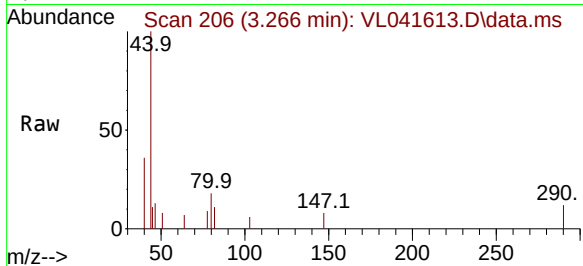




#13
 Ethanol
 Concen: 0.045 ppbv
 RT: 3.266 min Scan# 20
 Delta R.T. 0.042 min
 Lab File: VL041613.D
 Acq: 18 Sep 2024 19:14

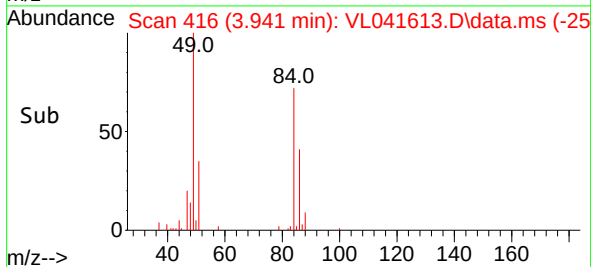
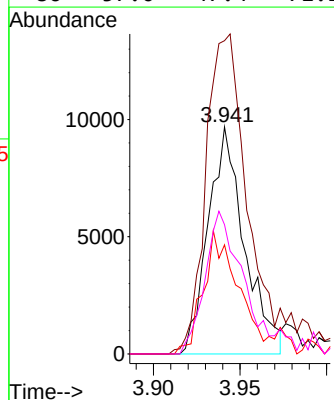
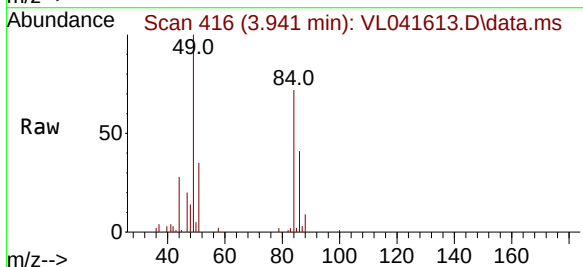
Instrument :
 MSVOA_L
 ClientSampleId :

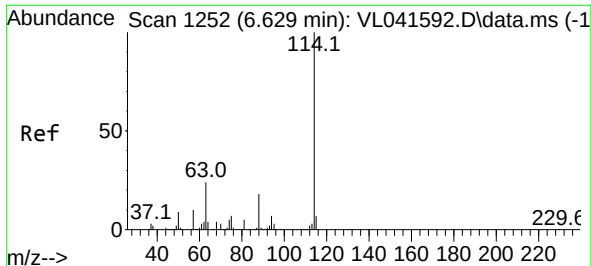
Tgt Ion: 45 Resp: 165
 Ion Ratio Lower Upper
 45 100
 46 75.8 15.2 60.8#



#20
 Methylene Chloride
 Concen: 0.314 ppbv
 RT: 3.941 min Scan# 416
 Delta R.T. 0.032 min
 Lab File: VL041613.D
 Acq: 18 Sep 2024 19:14

Tgt Ion: 84 Resp: 14120
 Ion Ratio Lower Upper
 84 100
 49 135.7 124.3 186.5
 51 44.7 36.3 54.5
 86 57.0 47.4 71.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. 0.023 min

Lab File: VL041613.D

Acq: 18 Sep 2024 19:14

Instrument :

MSVOA_L

ClientSampleId :

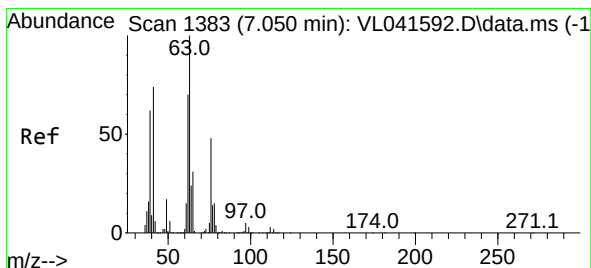
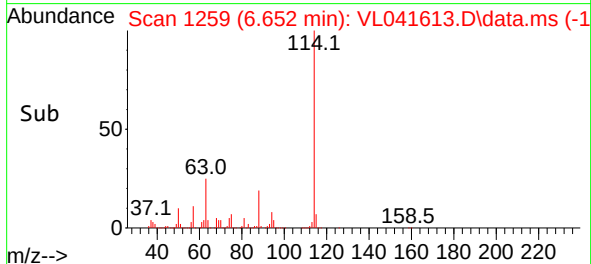
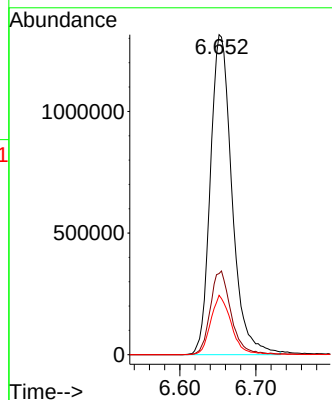
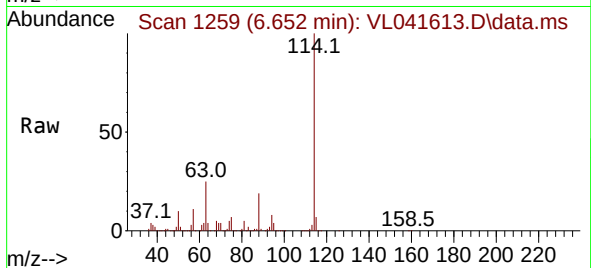
Tgt Ion:114 Resp: 2600686

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

88 17.8 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.802 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.395 min

Lab File: VL041613.D

Acq: 18 Sep 2024 19:14

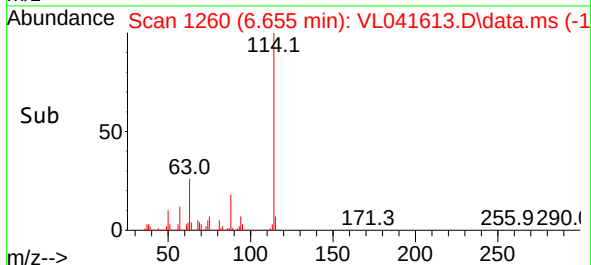
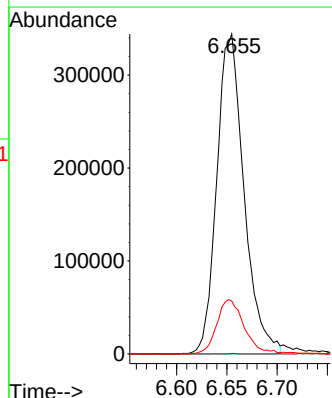
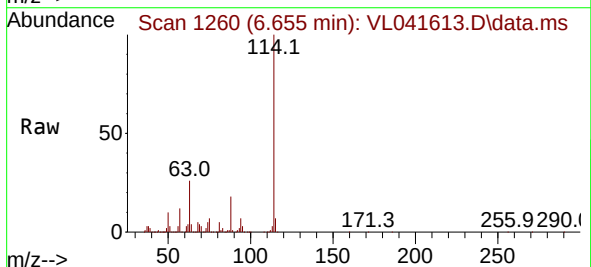
Tgt Ion: 63 Resp: 646771

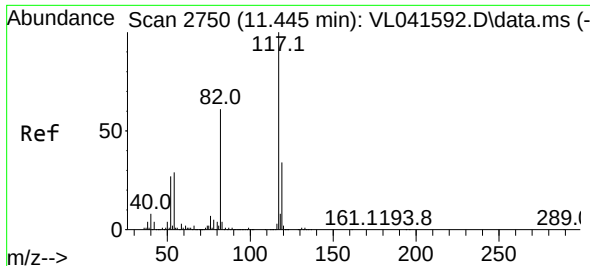
Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

62 16.6 56.2 84.2#

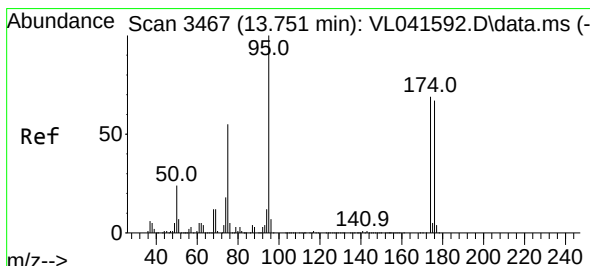
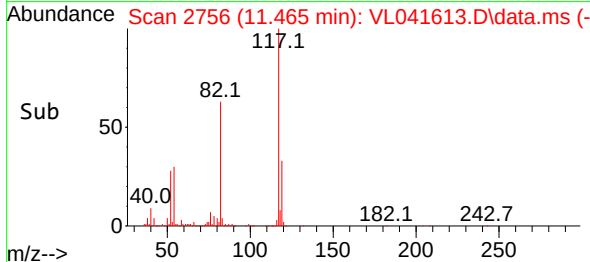
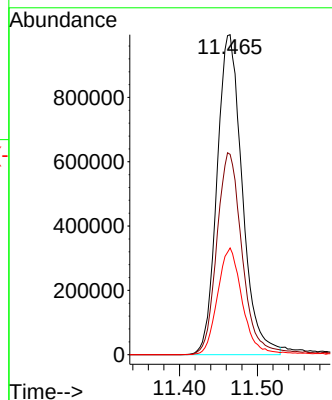
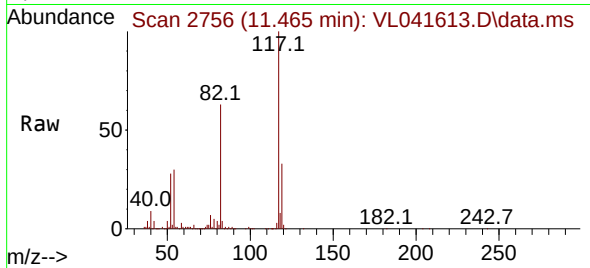




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041613.D
Acq: 18 Sep 2024 19:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2243562
Ion Ratio Lower Upper
117 100
82 64.0 49.4 74.2
119 33.6 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.957 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.023 min
Lab File: VL041613.D
Acq: 18 Sep 2024 19:14

Tgt Ion: 95 Resp: 1644471
Ion Ratio Lower Upper
95 100
174 71.2 55.8 83.8
175 5.2 4.1 6.1

