

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041456.D
 Acq On : 31 Jul 2024 10:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 02:39:31 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 : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

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

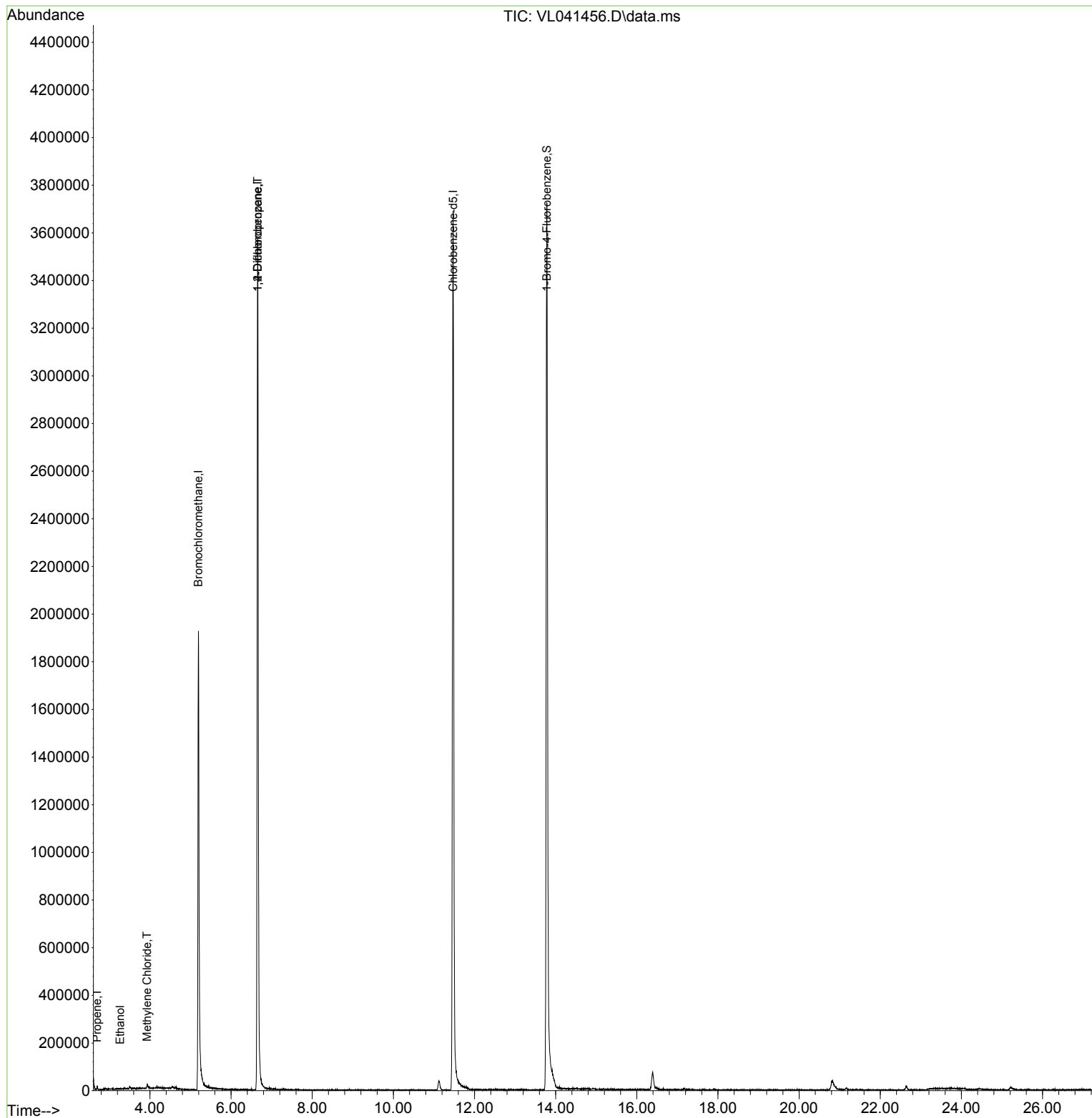
Internal Standards						
1) Bromochloromethane	5.195	49	1029807	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2803784	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2529762	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1955896	10.047	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	3464	0.062	ppbv #	15
13) Ethanol	3.263	45	262	0.052	ppbv #	64
20) Methylene Chloride	3.928	84	1644	0.038	ppbv #	75
39) 1,2-Dichloropropane	6.655	63	681079	8.683	ppbv #	25

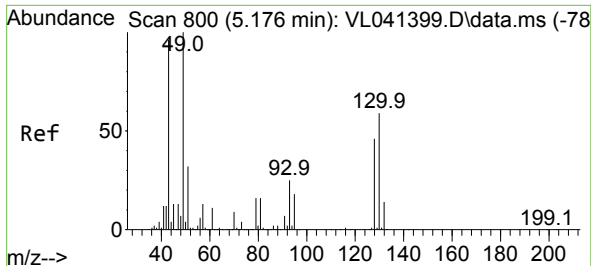
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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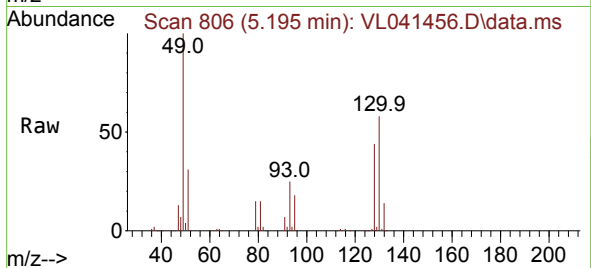
Quant Time: Aug 01 02:39:31 2024
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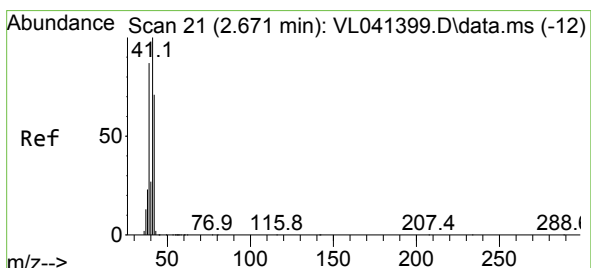
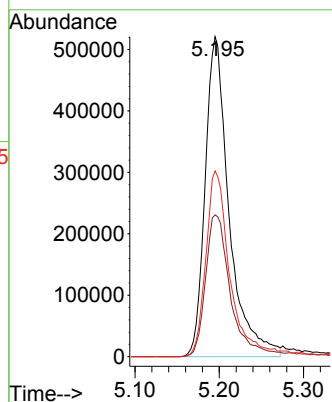
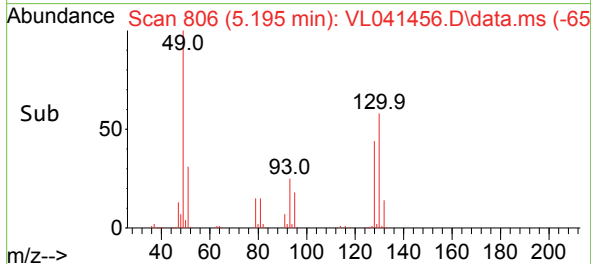


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041456.D
Acq: 31 Jul 2024 10:14

Instrument :
MSVOA_L
ClientSampleId :

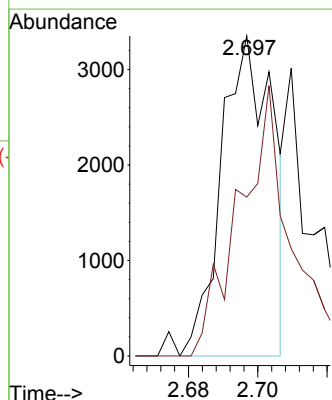
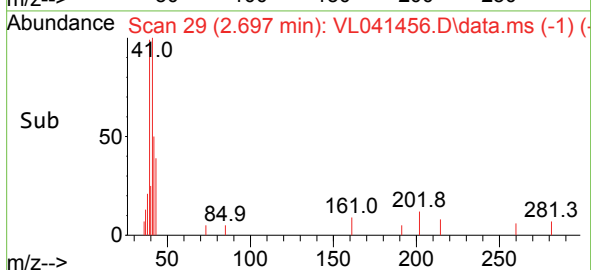
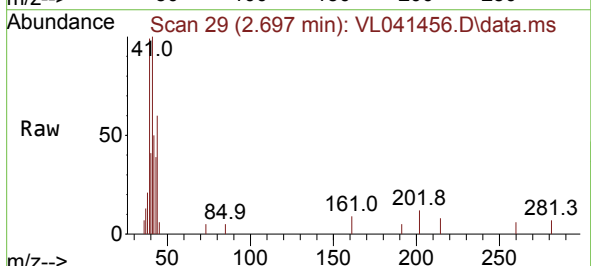


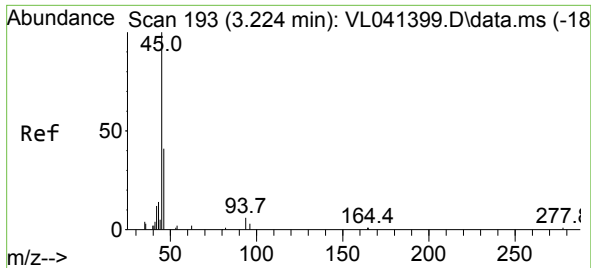
Tgt Ion: 49 Resp: 1029807
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.4
130 60.5 30.8 92.4



#9
Propene
Concen: 0.062 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL041456.D
Acq: 31 Jul 2024 10:14

Tgt Ion: 41 Resp: 3464
Ion Ratio Lower Upper
41 100
42 0.0 55.9 83.9#

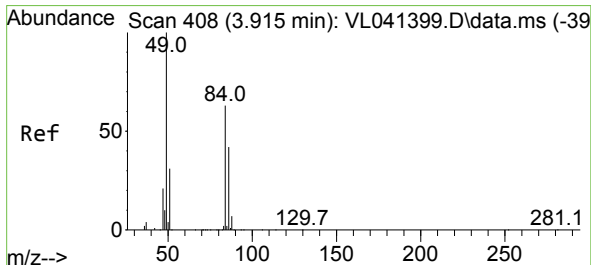
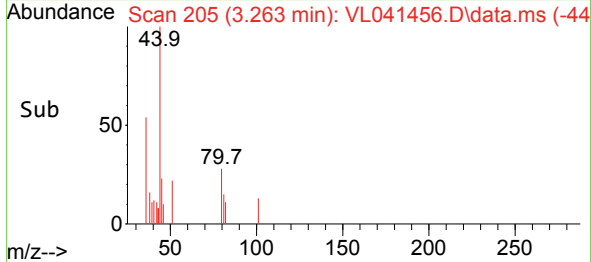
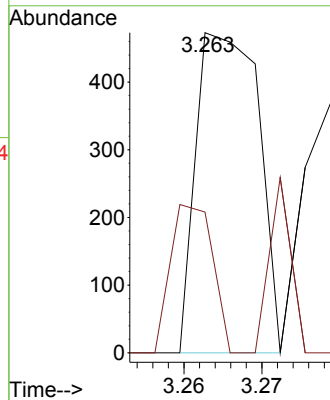
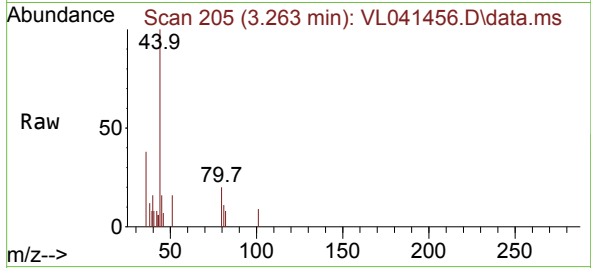




#13
 Ethanol
 Concen: 0.052 ppbv
 RT: 3.263 min Scan# 205
 Delta R.T. 0.016 min
 Lab File: VL041456.D
 Acq: 31 Jul 2024 10:14

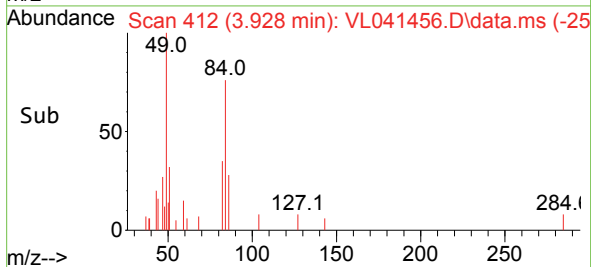
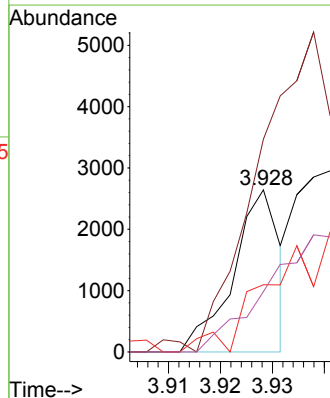
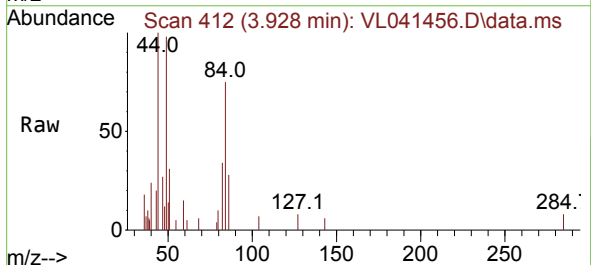
Instrument :
 MSVOA_L
 ClientSampleId :

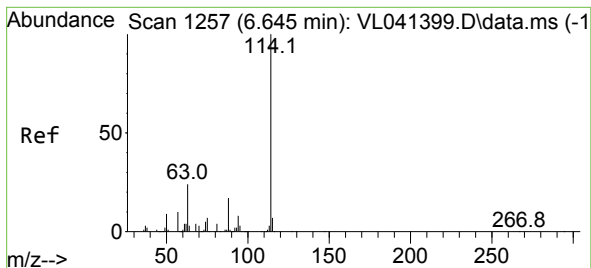
Tgt Ion: 45 Resp: 262
 Ion Ratio Lower Upper
 45 100
 46 13.0 13.4 53.4#



#20
 Methylene Chloride
 Concen: 0.038 ppbv
 RT: 3.928 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VL041456.D
 Acq: 31 Jul 2024 10:14

Tgt Ion: 84 Resp: 1644
 Ion Ratio Lower Upper
 84 100
 49 125.1 126.6 190.0#
 51 41.5 38.6 58.0
 86 37.2 53.0 79.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041456.D

Acq: 31 Jul 2024 10:14

Instrument :

MSVOA_L

ClientSampleId :

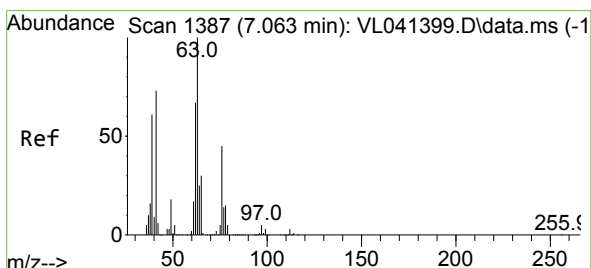
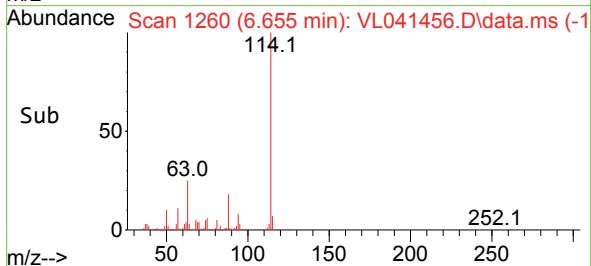
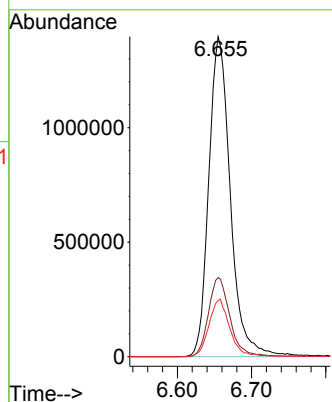
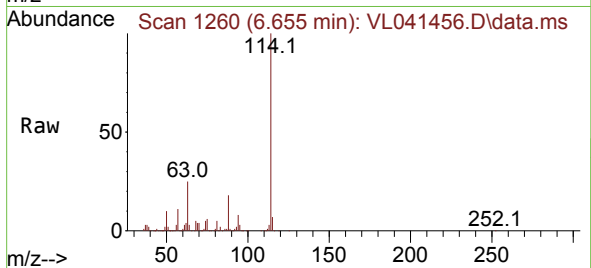
Tgt Ion:114 Resp: 2803784

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.7 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.683 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.421 min

Lab File: VL041456.D

Acq: 31 Jul 2024 10:14

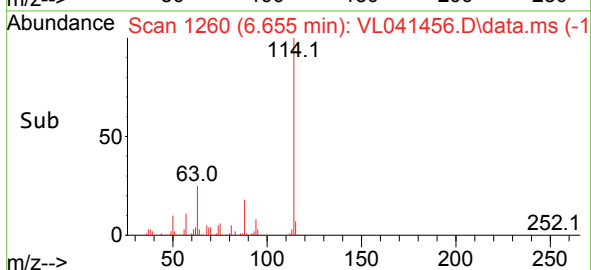
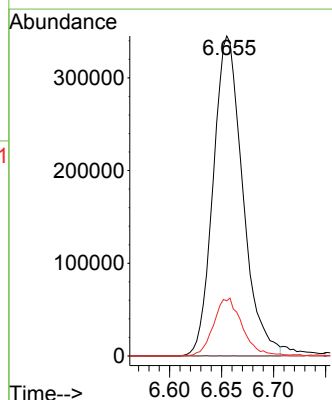
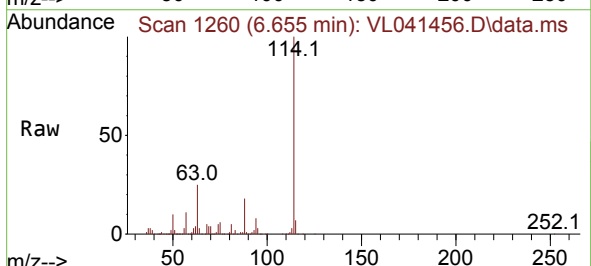
Tgt Ion: 63 Resp: 681079

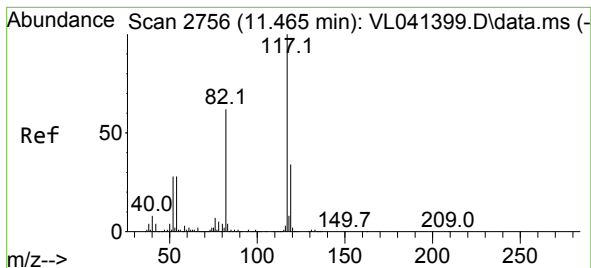
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 17.2 53.9 80.9#

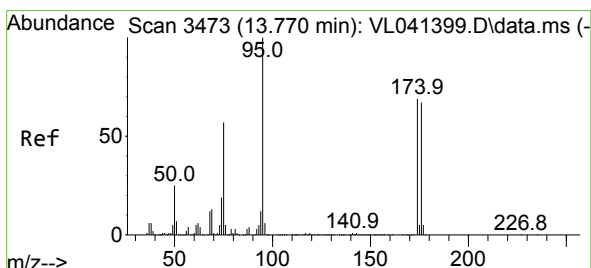
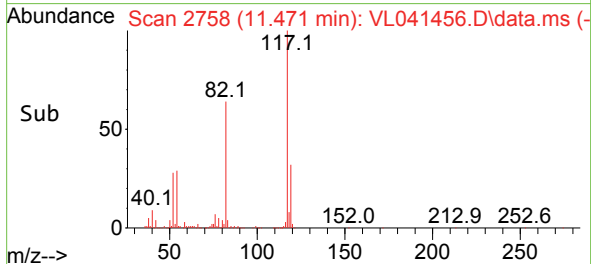
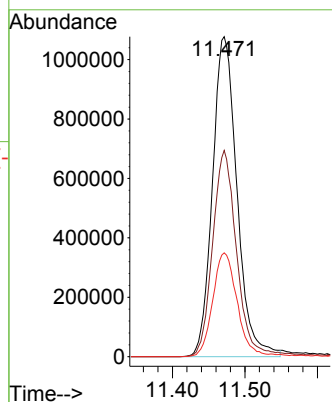
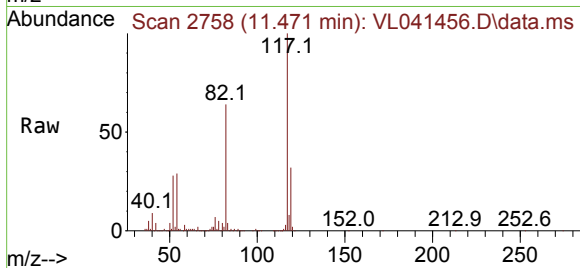




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041456.D
Acq: 31 Jul 2024 10:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2529762
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.1 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.047 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VL041456.D
Acq: 31 Jul 2024 10:14

Tgt Ion: 95 Resp: 1955896
Ion Ratio Lower Upper
95 100
174 71.7 56.3 84.5
175 5.1 4.0 6.0

