

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041407.D
 Acq On : 25 Jul 2024 20:56
 Operator : SY/MD
 Sample : VL0725ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 29 01:42:59 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 : Fri Jul 26 07:31:14 2024
 Response via : Initial Calibration

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

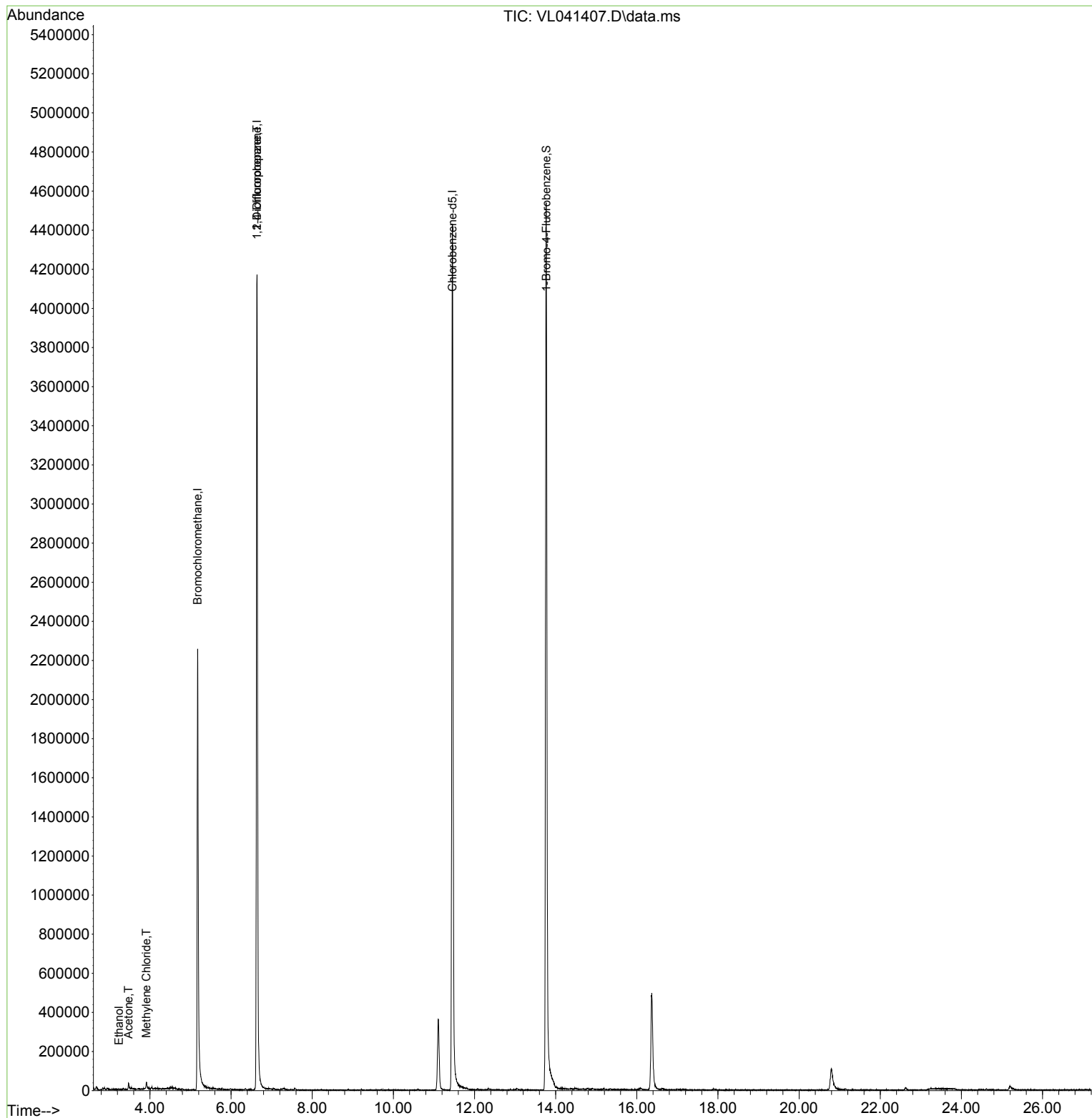
Internal Standards						
1) Bromochloromethane	5.176	49	1167739	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3244863	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3002798	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2317109	10.027	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
13) Ethanol	3.234	45	460	0.081	ppbv #	41
15) Acetone	3.472	43	32155	0.242	ppbv	90
20) Methylene Chloride	3.912	84	9953	0.201	ppbv #	81
39) 1,2-Dichloropropane	6.635	63	785320	8.651	ppbv #	26

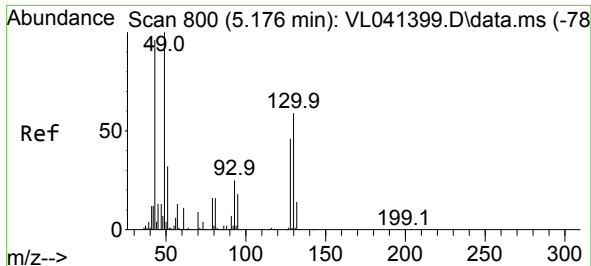
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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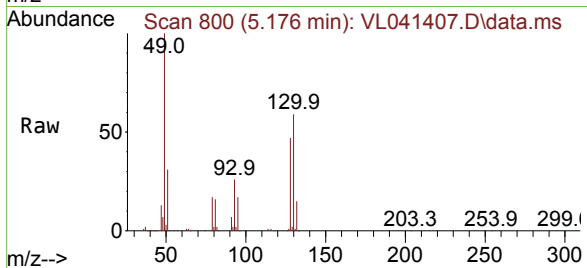
Quant Time: Jul 29 01:42:59 2024
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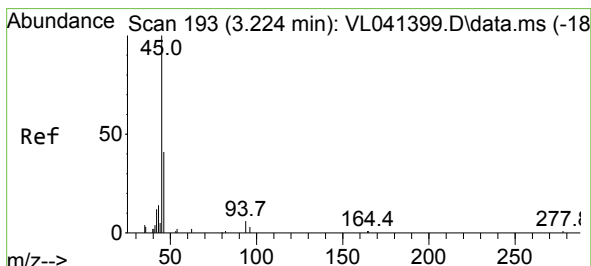
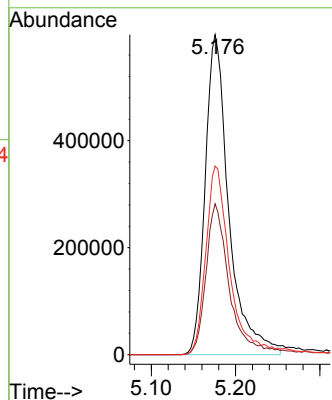
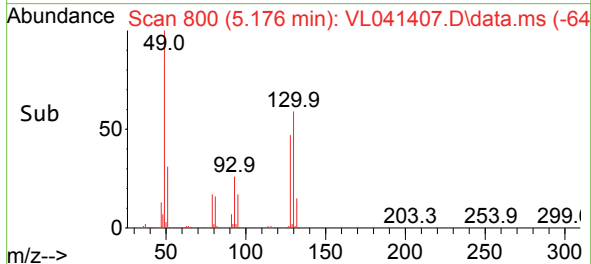


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VL041407.D
 Acq: 25 Jul 2024 20:56

Instrument :
 MSVOA_L
 ClientSampleId :

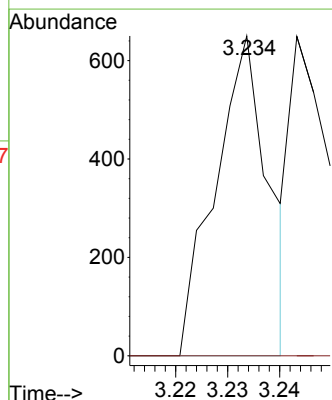
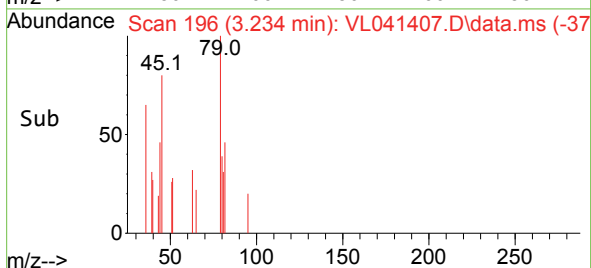
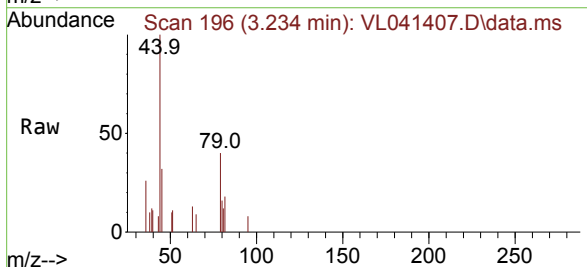


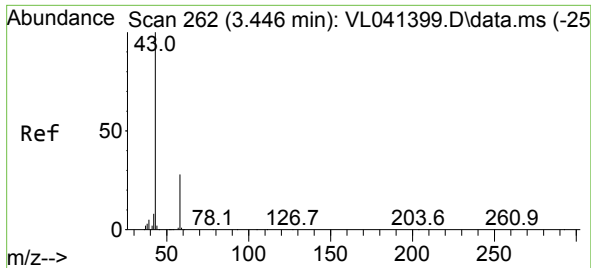
Tgt Ion: 49 Resp: 1167739
 Ion Ratio Lower Upper
 49 100
 128 48.8 23.8 71.4
 130 62.2 30.8 92.4



#13
 Ethanol
 Concen: 0.081 ppbv
 RT: 3.234 min Scan# 196
 Delta R.T. 0.010 min
 Lab File: VL041407.D
 Acq: 25 Jul 2024 20:56

Tgt Ion: 45 Resp: 460
 Ion Ratio Lower Upper
 45 100
 46 0.0 13.4 53.4#

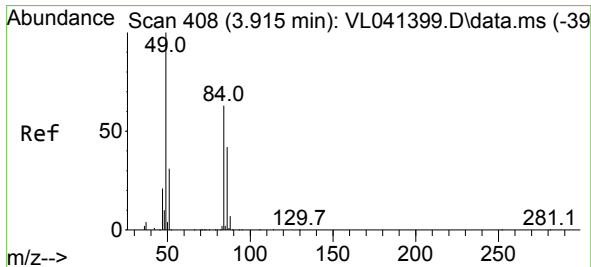
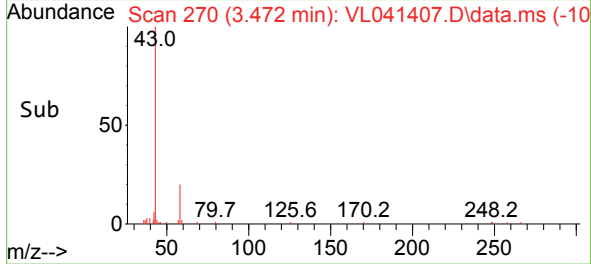
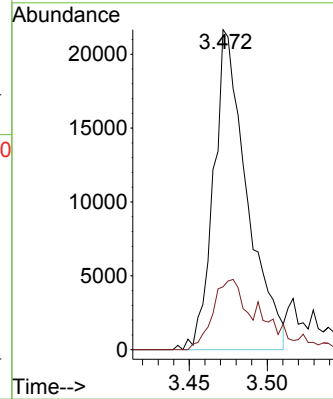
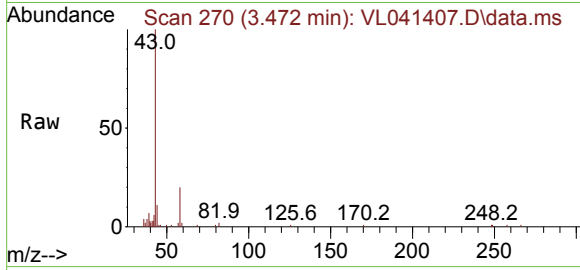




#15
Acetone
Concen: 0.242 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041407.D
Acq: 25 Jul 2024 20:56

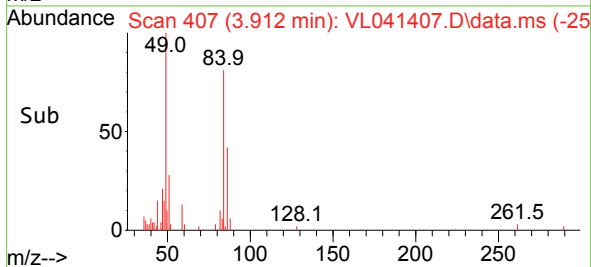
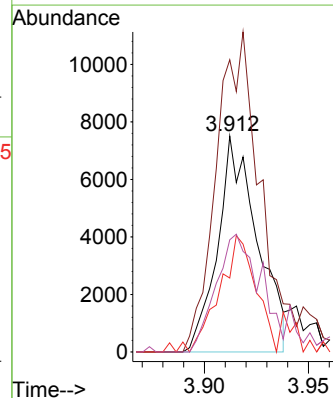
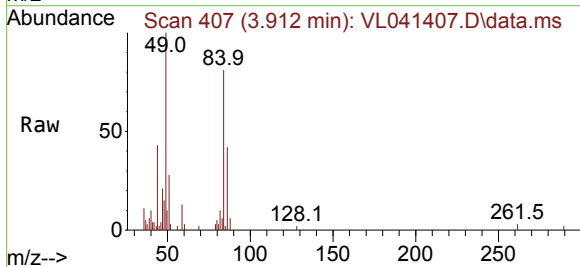
Instrument :
MSVOA_L
ClientSampleId :

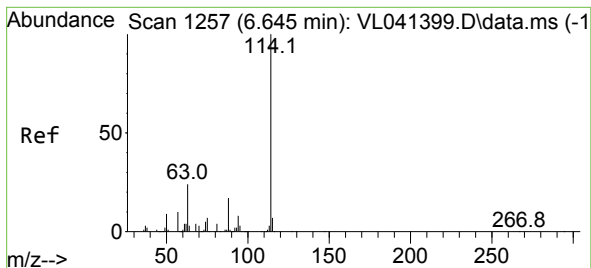
Tgt Ion: 43 Resp: 32155
Ion Ratio Lower Upper
43 100
58 32.2 21.4 32.2



#20
Methylene Chloride
Concen: 0.201 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.003 min
Lab File: VL041407.D
Acq: 25 Jul 2024 20:56

Tgt Ion: 84 Resp: 9953
Ion Ratio Lower Upper
84 100
49 135.3 126.6 190.0
51 33.0 38.6 58.0#
86 52.0 53.0 79.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041407.D

Acq: 25 Jul 2024 20:56

Instrument :

MSVOA_L

ClientSampleId :

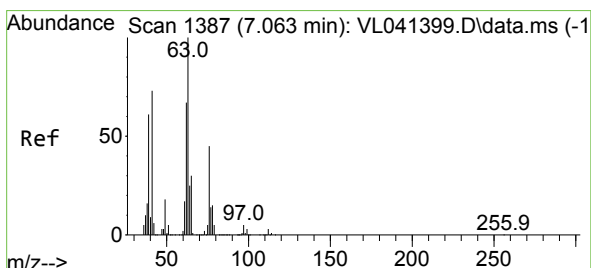
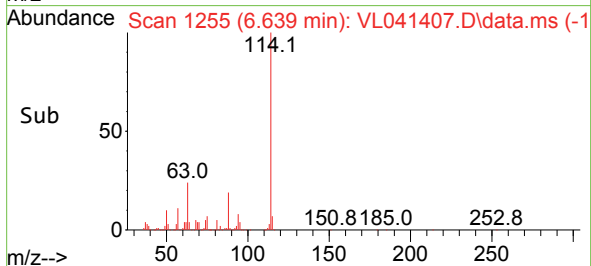
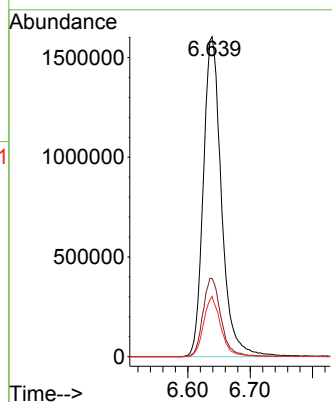
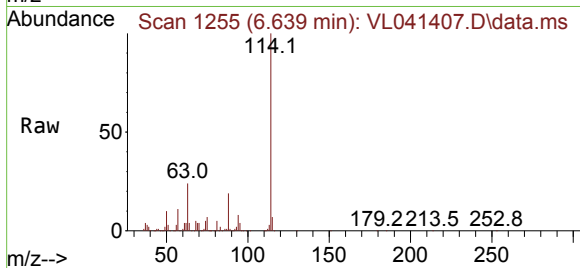
Tgt Ion:114 Resp: 3244863

Ion Ratio Lower Upper

114 100

63 24.5 20.3 30.5

88 18.0 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.651 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.428 min

Lab File: VL041407.D

Acq: 25 Jul 2024 20:56

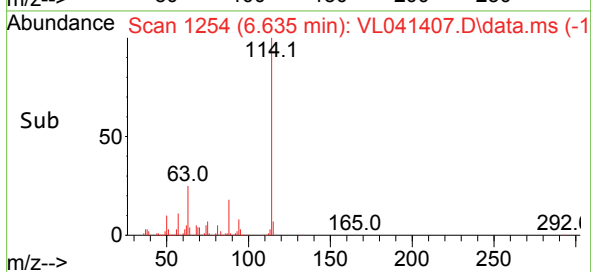
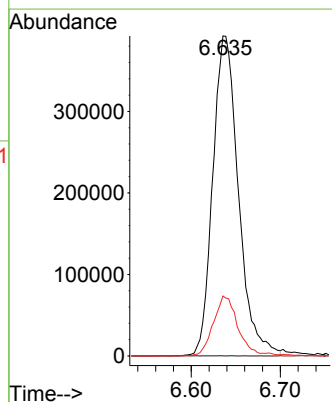
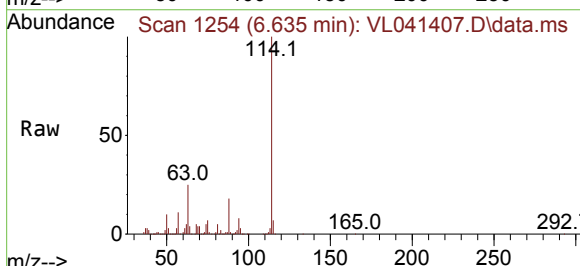
Tgt Ion: 63 Resp: 785320

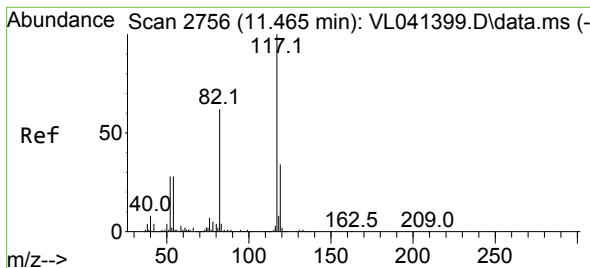
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 18.8 53.9 80.9#

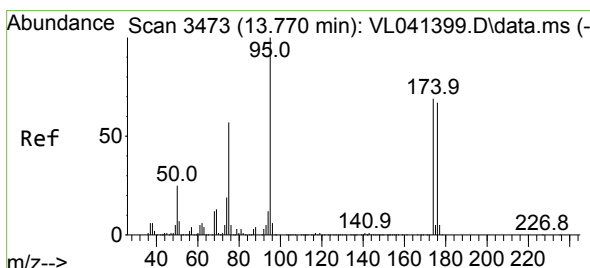
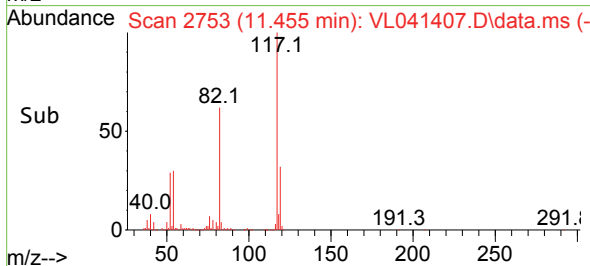
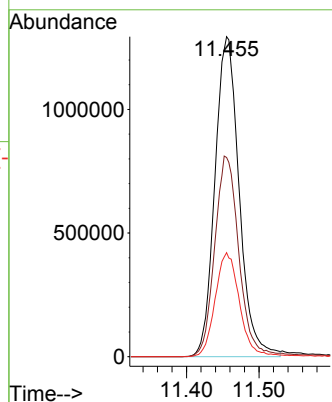
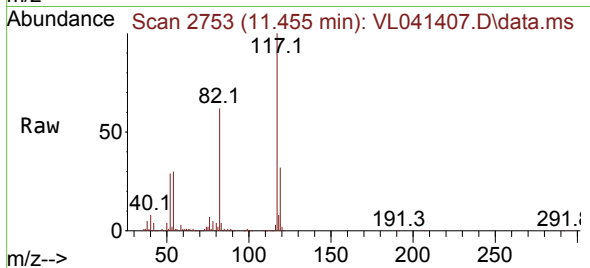




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041407.D
Acq: 25 Jul 2024 20:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3002798
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 32.8 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.027 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.003 min
Lab File: VL041407.D
Acq: 25 Jul 2024 20:56

Tgt Ion: 95 Resp: 2317109
Ion Ratio Lower Upper
95 100
174 71.3 56.3 84.5
175 5.0 4.0 6.0

