

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041421.D
 Acq On : 29 Jul 2024 9:13
 Operator : SY/MD
 Sample : VL0729ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 30 02:46:27 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 Jul 30 02:42:20 2024
 Response via : Initial Calibration

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

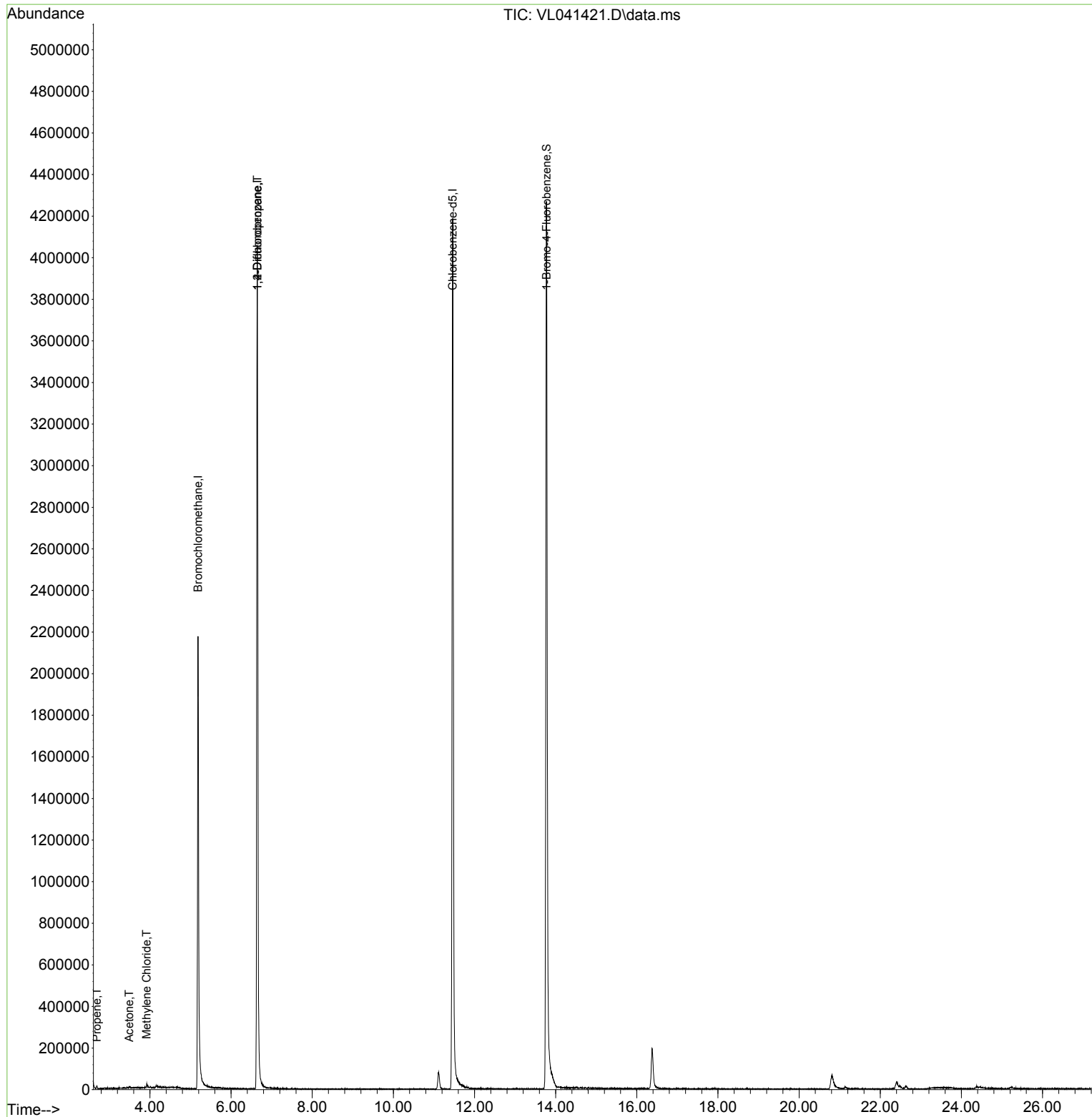
Internal Standards						
1) Bromochloromethane	5.185	49	1172865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3119802	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2861910	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2161666	9.815	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	4446	0.069	ppbv	93
15) Acetone	3.491	43	7314	0.055	ppbv	90
20) Methylene Chloride	3.922	84	2251	0.045	ppbv	93
39) 1,2-Dichloropropane	6.645	63	767637	8.796	ppbv	# 26

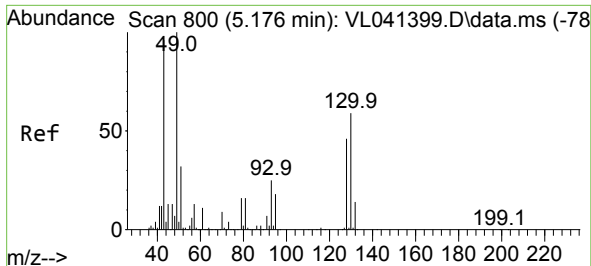
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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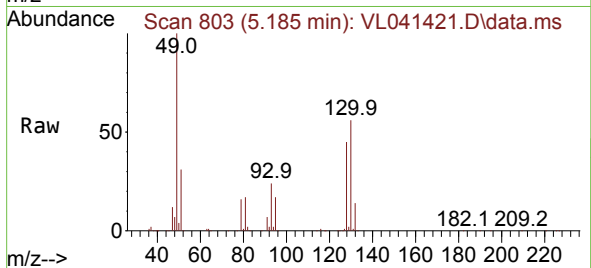
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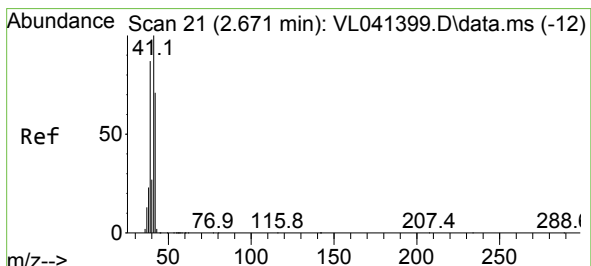
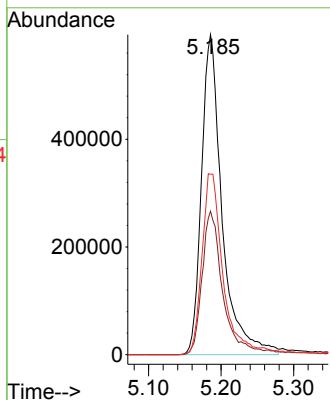
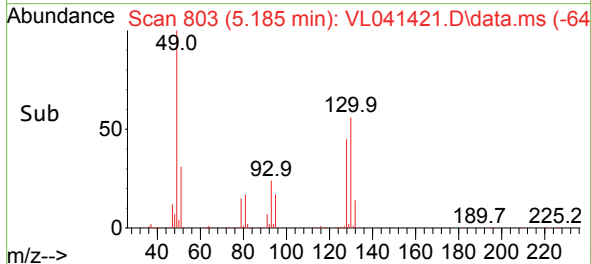


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041421.D
Acq: 29 Jul 2024 9:13

Instrument :
MSVOA_L
ClientSampleId :

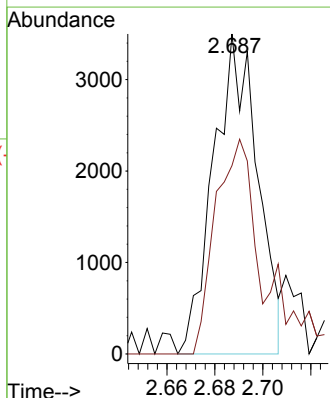
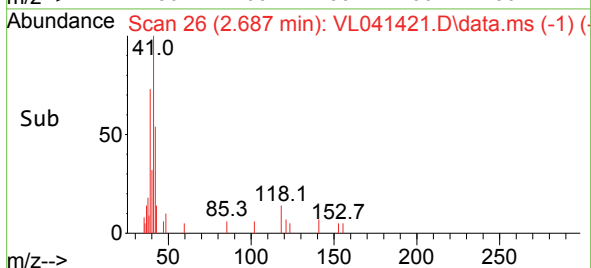
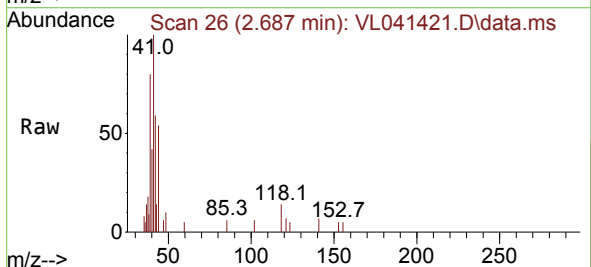


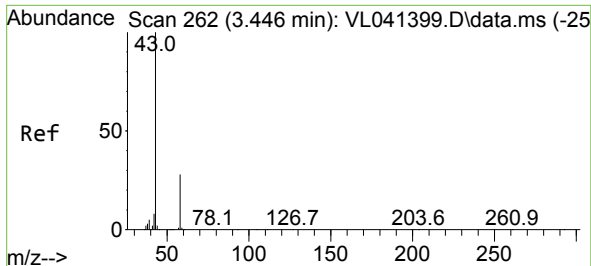
Tgt Ion: 49 Resp: 1172865
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.4
130 60.4 30.8 92.4



#9
Propene
Concen: 0.069 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.016 min
Lab File: VL041421.D
Acq: 29 Jul 2024 9:13

Tgt Ion: 41 Resp: 4446
Ion Ratio Lower Upper
41 100
42 75.2 55.9 83.9

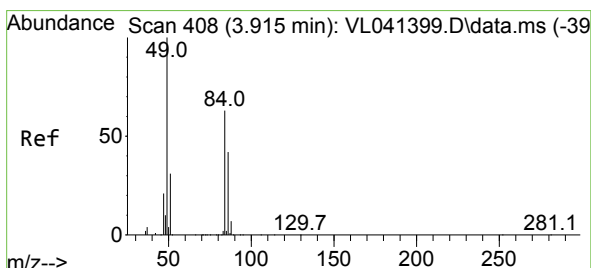
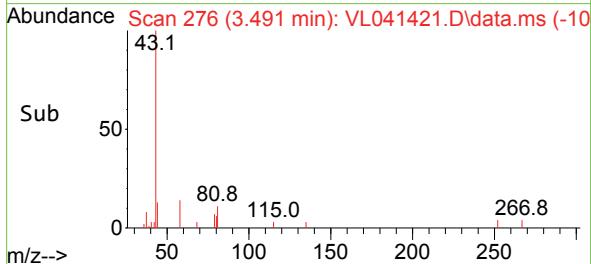
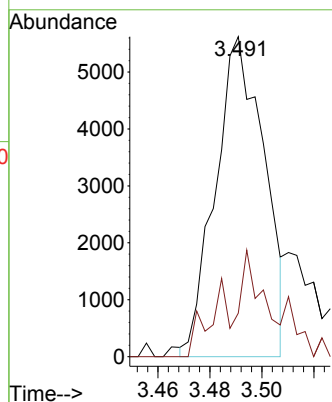
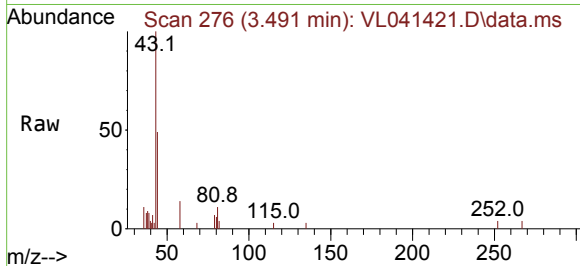




#15
Acetone
Concen: 0.055 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL041421.D
Acq: 29 Jul 2024 9:13

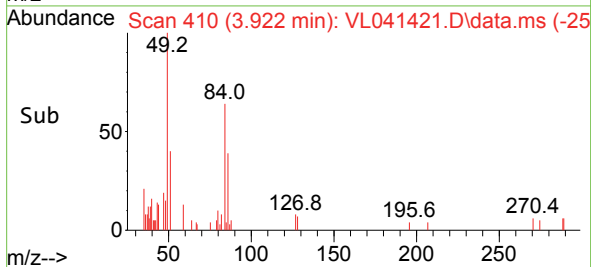
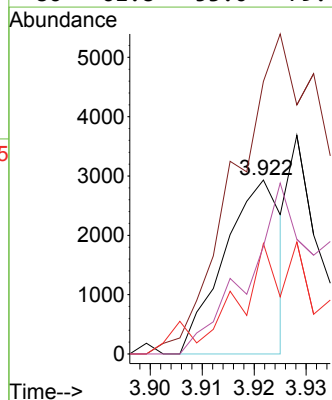
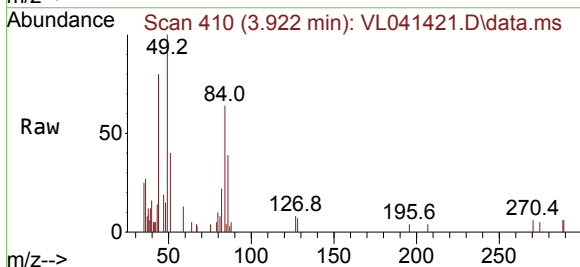
Instrument :
MSVOA_L
ClientSampleId :

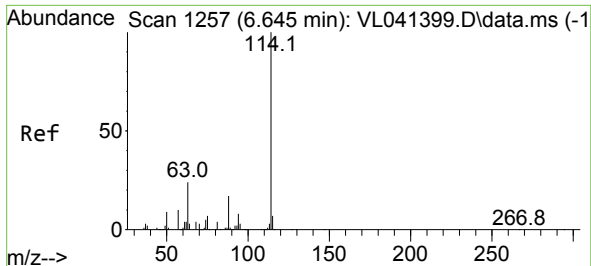
Tgt Ion: 43 Resp: 7314
Ion Ratio Lower Upper
43 100
58 32.0 21.4 32.2



#20
Methylene Chloride
Concen: 0.045 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL041421.D
Acq: 29 Jul 2024 9:13

Tgt Ion: 84 Resp: 2251
Ion Ratio Lower Upper
84 100
49 147.4 126.6 190.0
51 44.6 38.6 58.0
86 61.8 53.0 79.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VL041421.D

Acq: 29 Jul 2024 9:13

Instrument :

MSVOA_L

ClientSampleId :

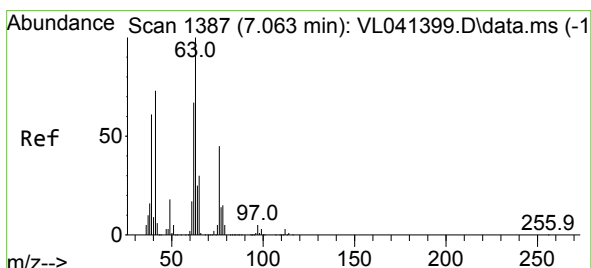
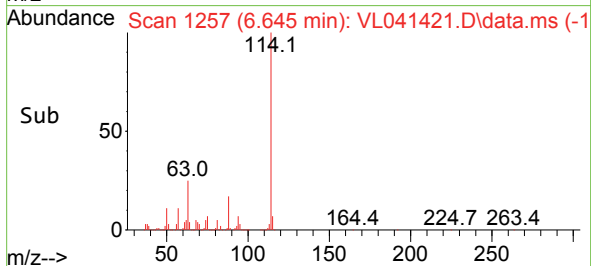
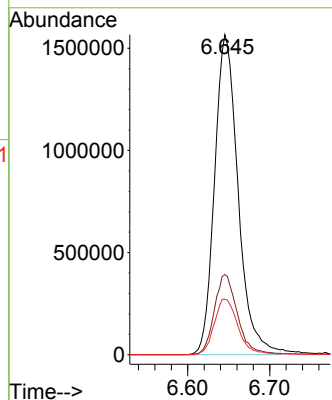
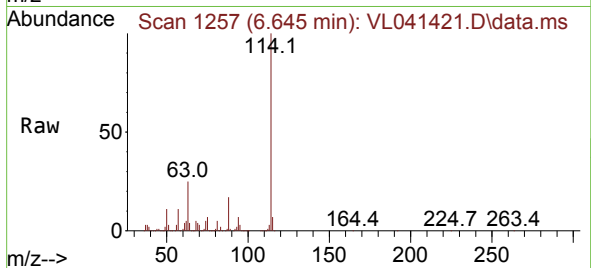
Tgt Ion:114 Resp: 3119802

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.8 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.796 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.418 min

Lab File: VL041421.D

Acq: 29 Jul 2024 9:13

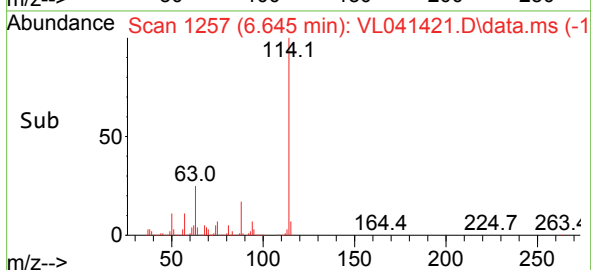
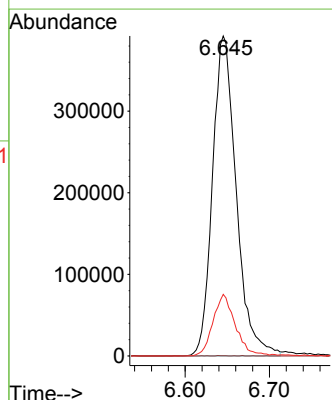
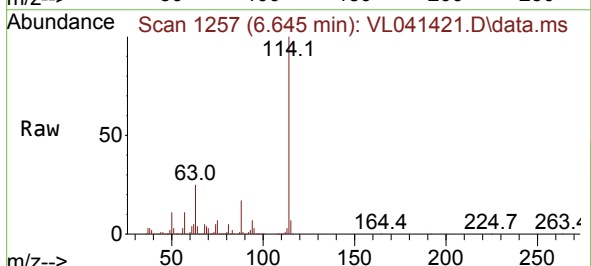
Tgt Ion: 63 Resp: 767637

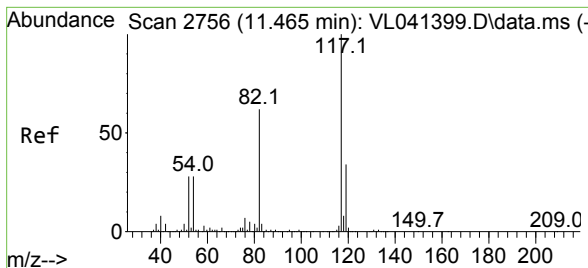
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

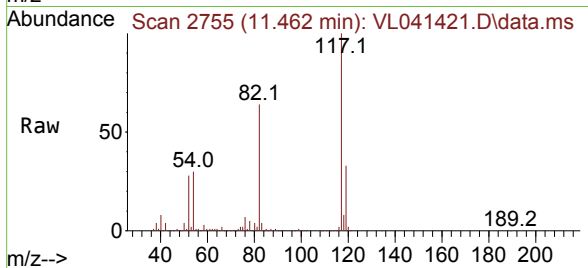
62 19.2 53.9 80.9#



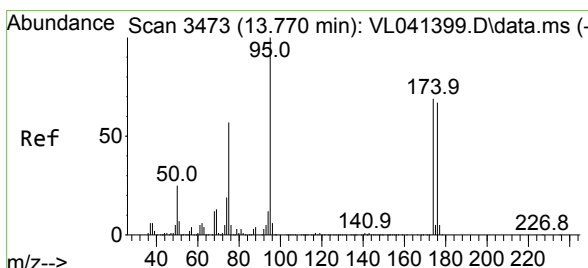
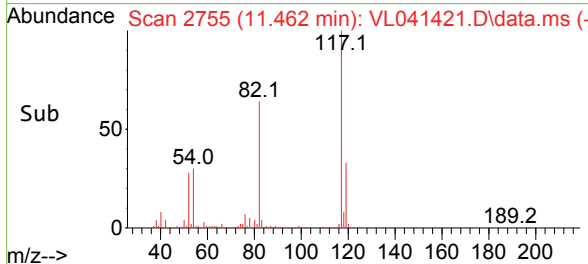
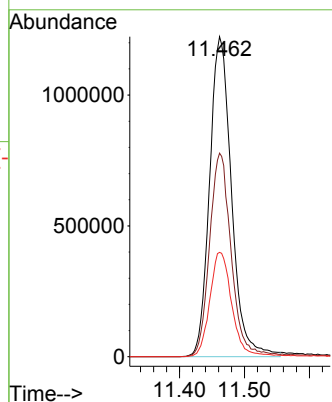


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041421.D
Acq: 29 Jul 2024 9:13

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 2861910
Ion Ratio Lower Upper
117 100
82 64.3 51.0 76.6
119 33.4 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.815 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.000 min
Lab File: VL041421.D
Acq: 29 Jul 2024 9:13

Tgt Ion: 95 Resp: 2161666
Ion Ratio Lower Upper
95 100
174 73.0 56.3 84.5
175 5.2 4.0 6.0

