

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041504.D
 Acq On : 8 Aug 2024 8:59
 Operator : SY/MD
 Sample : VL0808ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0808ABL01

Quant Time: Aug 09 05:51:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

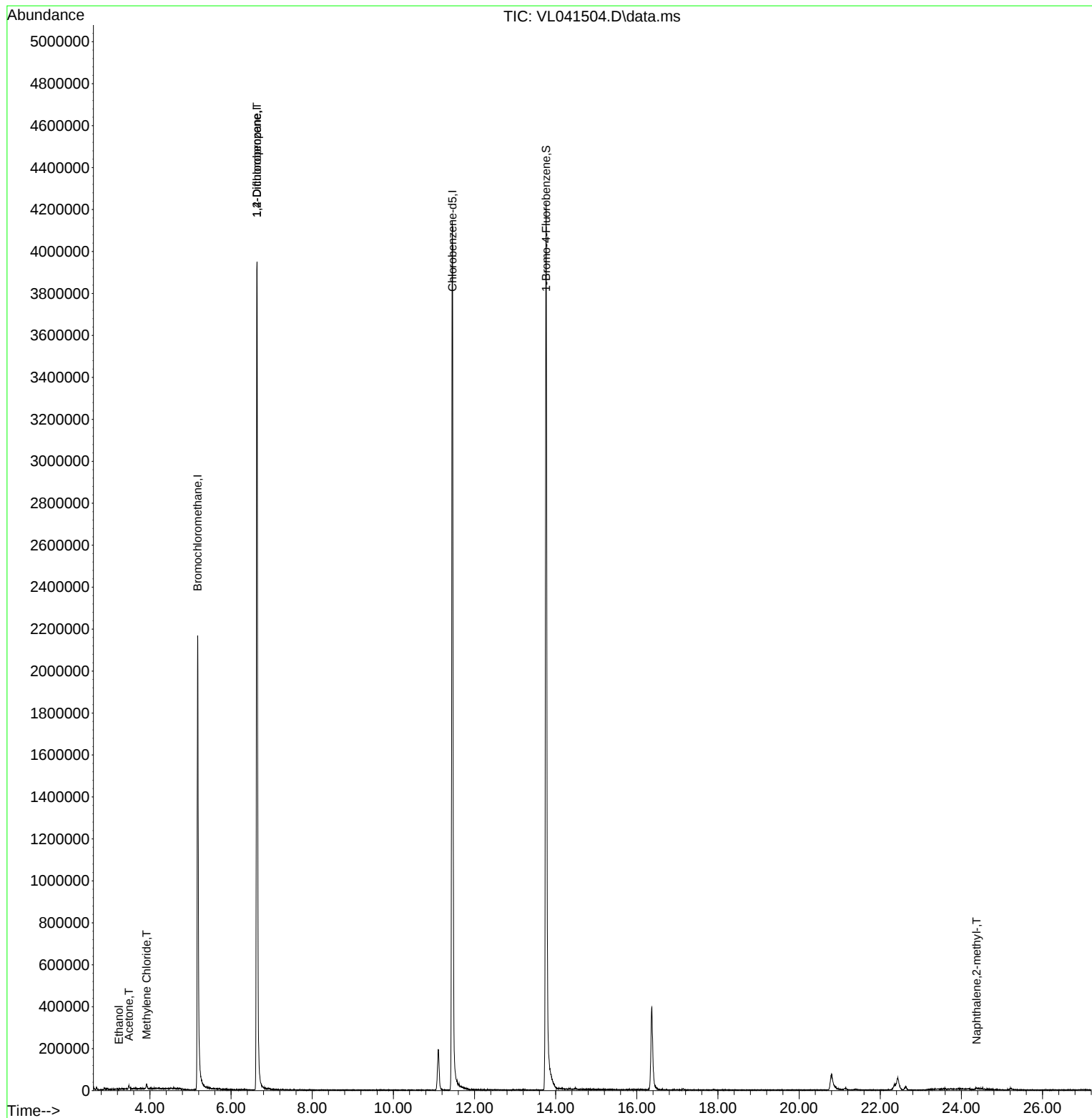
Internal Standards						
1) Bromochloromethane	5.176	49	1125277	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	3113770	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2845978	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2132862	9.738	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
13) Ethanol	3.234	45	307	0.056	ppbv #	41
15) Acetone	3.481	43	16436	0.129	ppbv #	86
20) Methylene Chloride	3.918	84	5185	0.109	ppbv #	87
39) 1,2-Dichloropropane	6.639	63	761612	8.743	ppbv #	25
80) Naphthalene,2-methyl-	24.377	142	8491	0.036	ppbv #	33

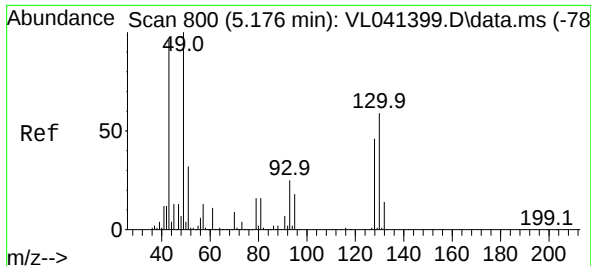
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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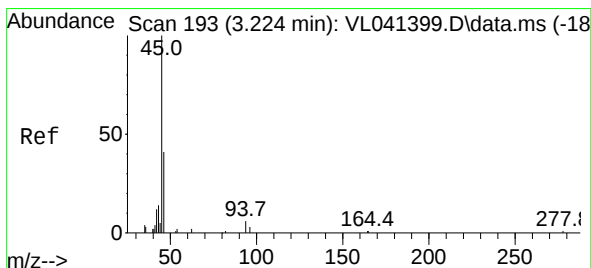
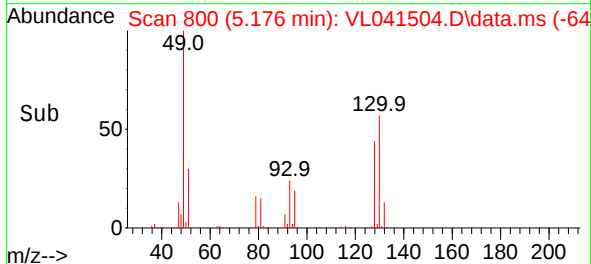
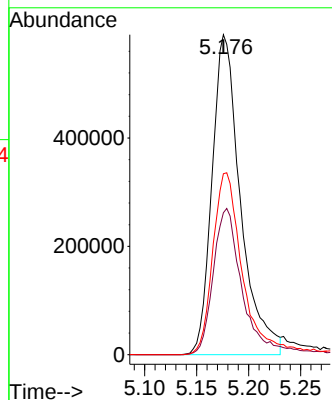
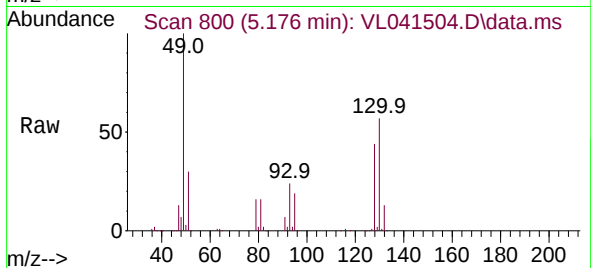




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL041504.D
Acq: 8 Aug 2024 8:59

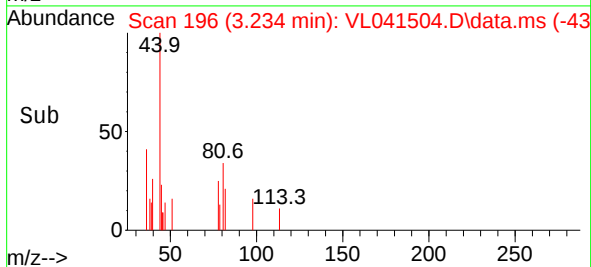
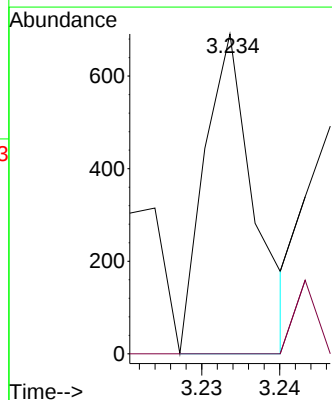
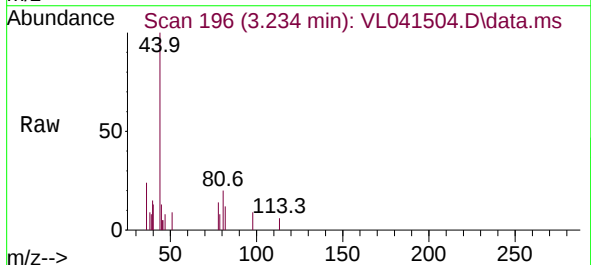
Instrument :
MSVOA_L
ClientSampleId :
VL0808ABL01

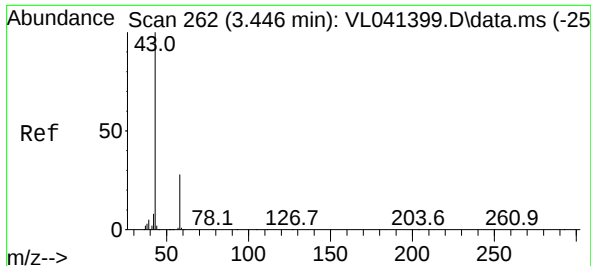
Tgt Ion: 49 Resp: 1125277
Ion Ratio Lower Upper
49 100
128 48.5 23.8 71.4
130 61.7 30.8 92.4



#13
Ethanol
Concen: 0.056 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.010 min
Lab File: VL041504.D
Acq: 8 Aug 2024 8:59

Tgt Ion: 45 Resp: 307
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#

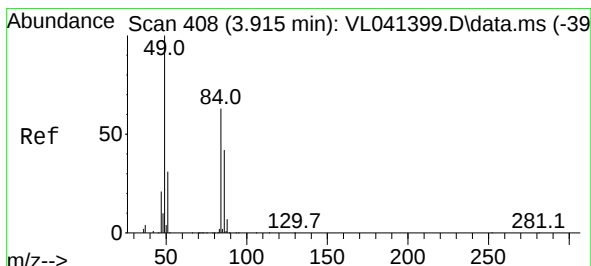
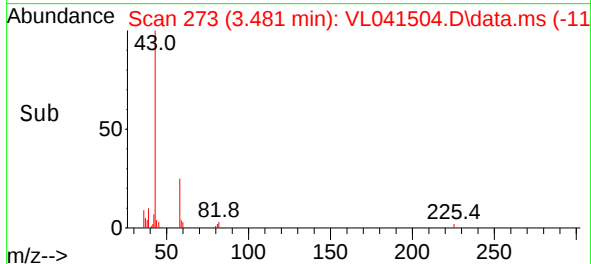
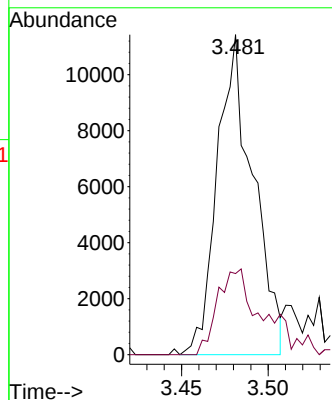
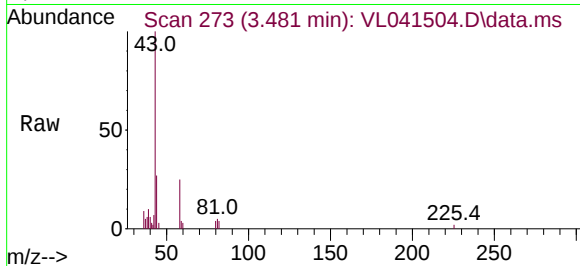




#15
Acetone
Concen: 0.129 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041504.D
Acq: 8 Aug 2024 8:59

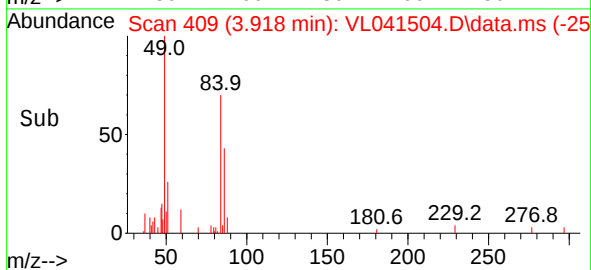
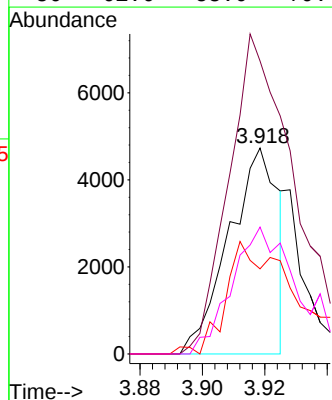
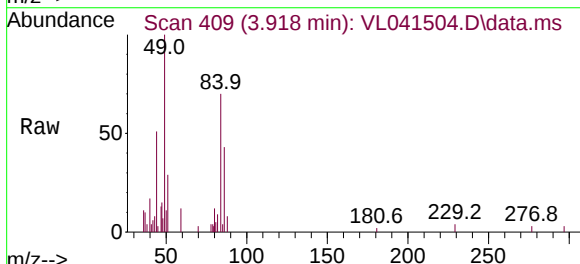
Instrument :
MSVOA_L
ClientSampleId :
VL0808ABL01

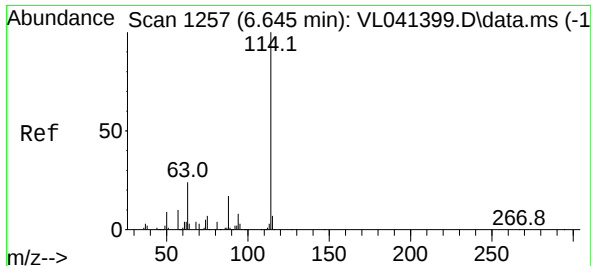
Tgt Ion: 43 Resp: 16436
Ion Ratio Lower Upper
43 100
58 34.3 21.4 32.2#



#20
Methylene Chloride
Concen: 0.109 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.013 min
Lab File: VL041504.D
Acq: 8 Aug 2024 8:59

Tgt Ion: 84 Resp: 5185
Ion Ratio Lower Upper
84 100
49 138.3 126.6 190.0
51 37.8 38.6 58.0#
86 61.6 53.0 79.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.010 min

Lab File: VL041504.D

Acq: 8 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VL0808ABL01

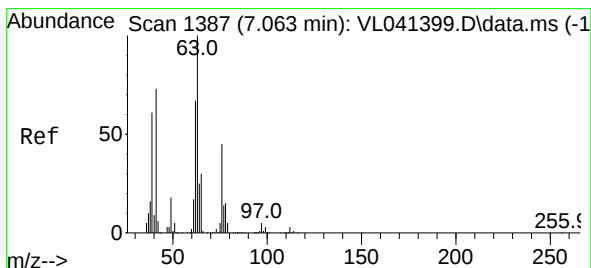
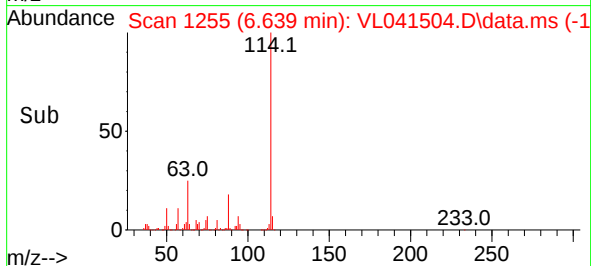
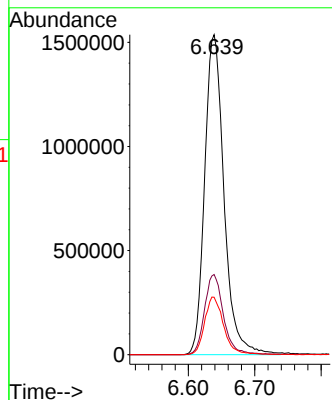
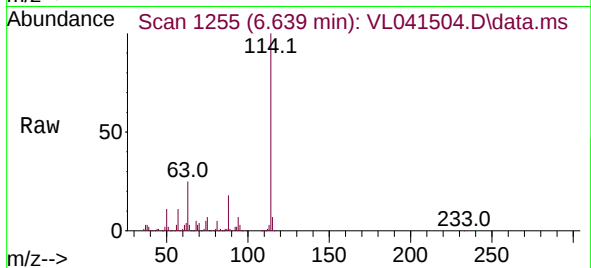
Tgt Ion:114 Resp: 3113770

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

88 17.8 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.743 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.431 min

Lab File: VL041504.D

Acq: 8 Aug 2024 8:59

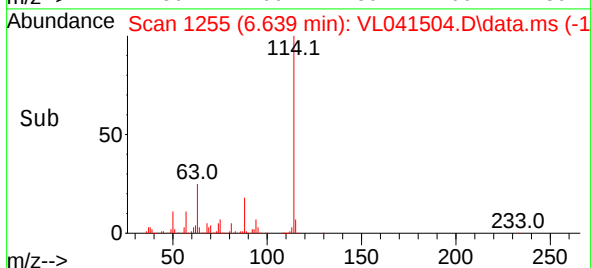
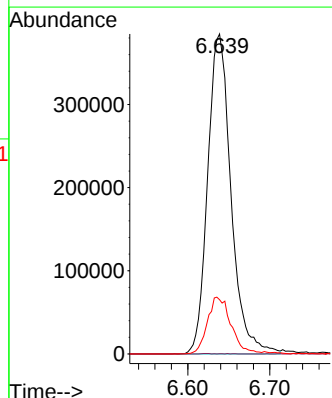
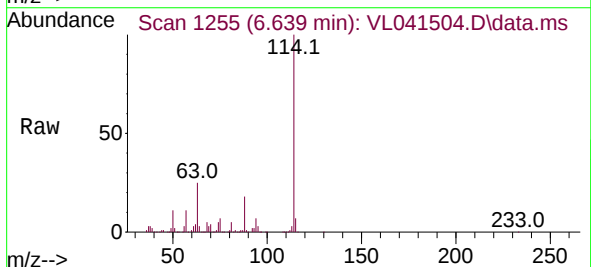
Tgt Ion: 63 Resp: 761612

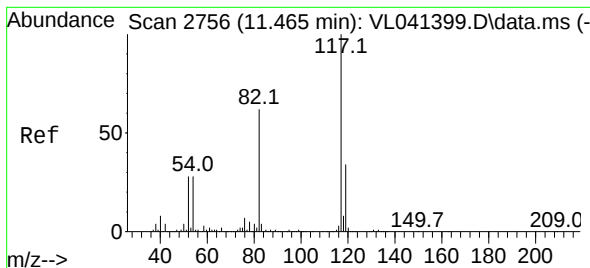
Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 16.9 53.9 80.9#

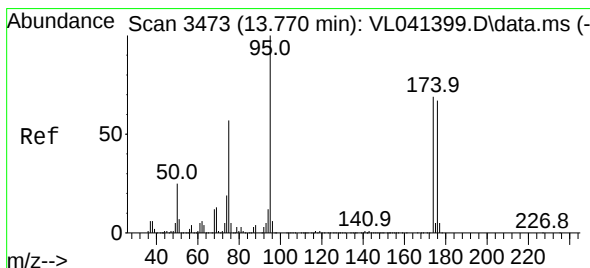
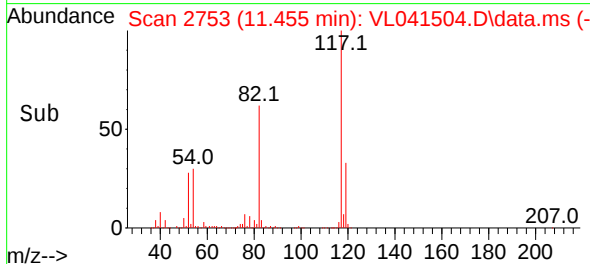
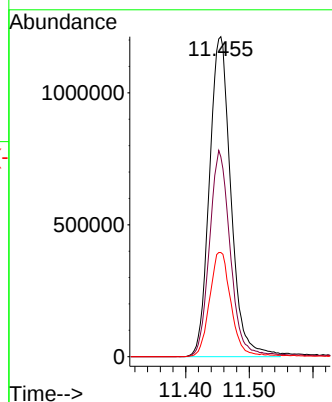
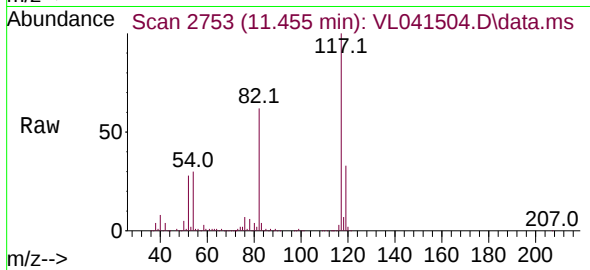




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041504.D
Acq: 8 Aug 2024 8:59

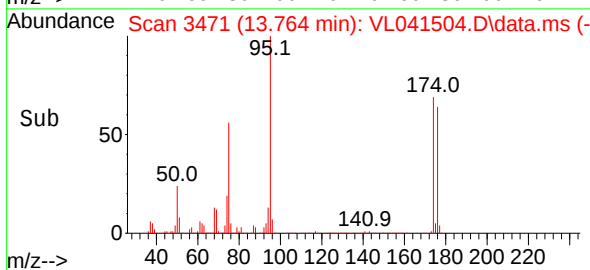
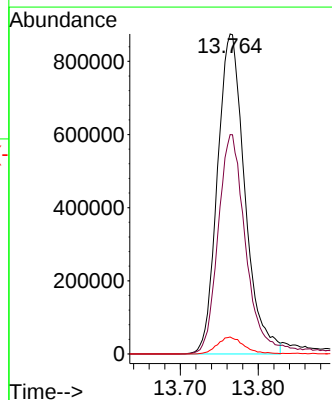
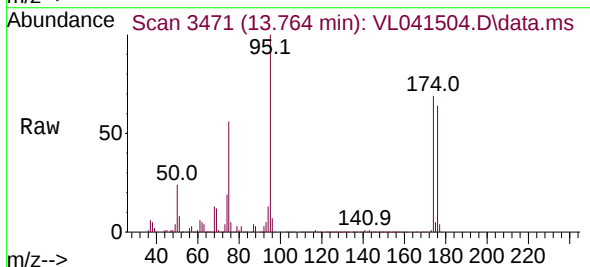
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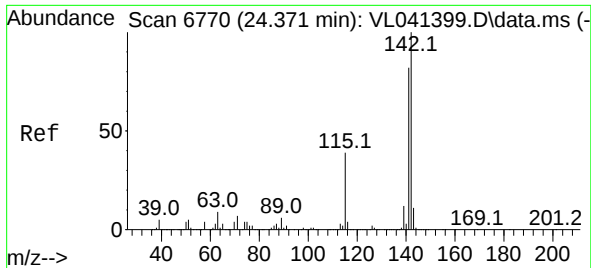
Tgt Ion:117 Resp: 2845978
Ion Ratio Lower Upper
117 100
82 63.2 51.0 76.6
119 33.2 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.738 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.003 min
Lab File: VL041504.D
Acq: 8 Aug 2024 8:59

Tgt Ion: 95 Resp: 2132862
Ion Ratio Lower Upper
95 100
174 72.1 56.3 84.5
175 5.1 4.0 6.0





#80

Naphthalene, 2-methyl-

Concen: 0.036 ppbv

RT: 24.377 min Scan# 61

Delta R.T. 0.016 min

Lab File: VL041504.D

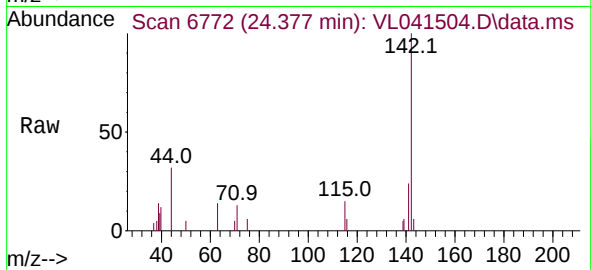
Acq: 8 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VL0808ABL01



Tgt Ion:142 Resp: 8491

Ion Ratio Lower Upper

142 100

141 0.0 67.0 100.4#

115 30.7 32.2 48.2#

