

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041441.D
 Acq On : 29 Jul 2024 23:09
 Operator : SY/MD
 Sample : P3342-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-03DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:55:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 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	5.192	49	1079235	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	2953842	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2686404	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2066900	9.998	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
9) Propene	2.703	41	23268m	0.394	ppbv	
13) Ethanol	3.243	45	41743m	7.913	ppbv	
15) Acetone	3.475	43	160944m	1.313	ppbv	
20) Methylene Chloride	3.935	84	9571	0.209	ppbv	96
26) Hexane	5.211	57	17836	0.176	ppbv #	54
53) Toluene	9.224	91	64377m	0.268	ppbv	

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

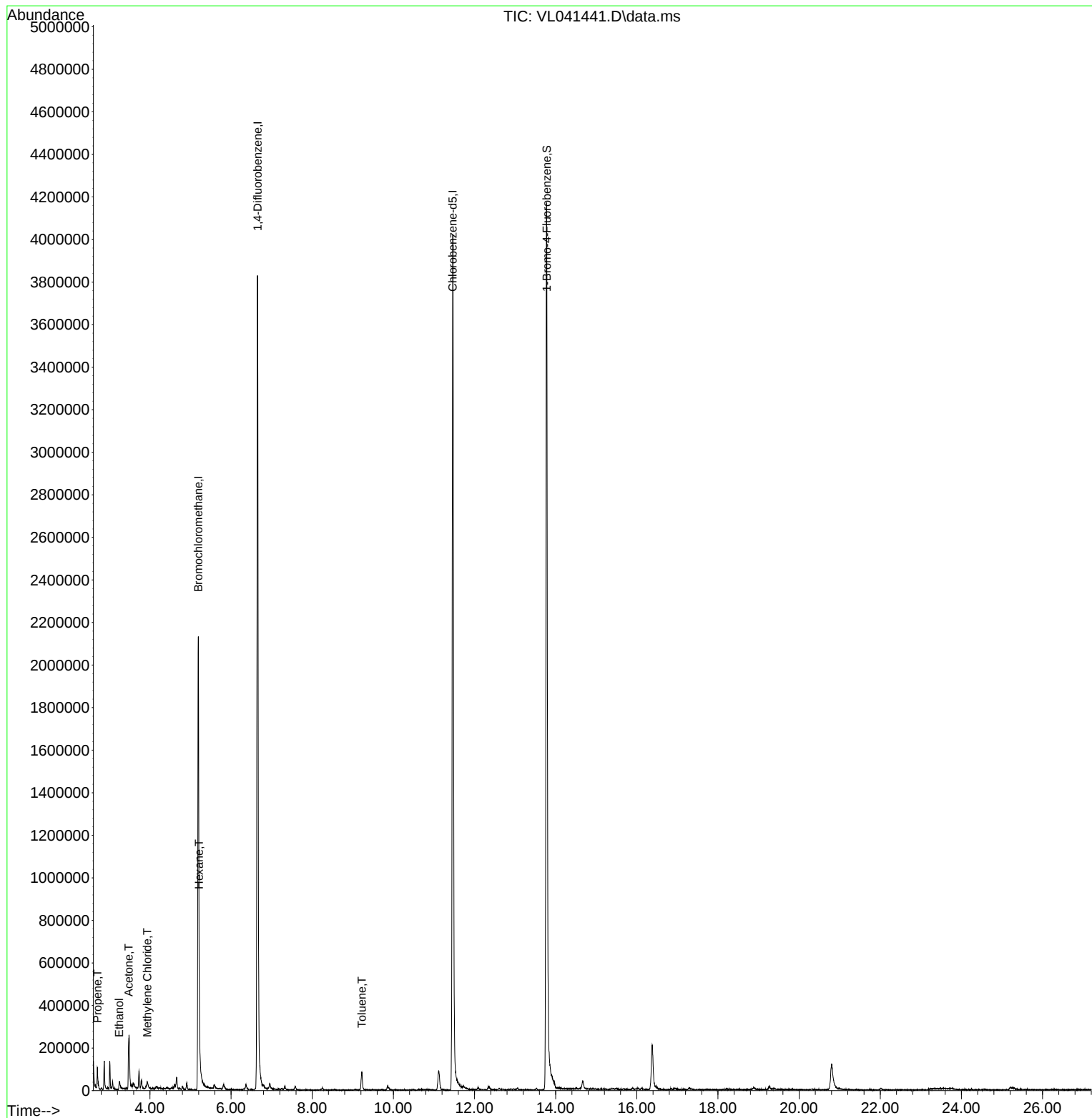
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
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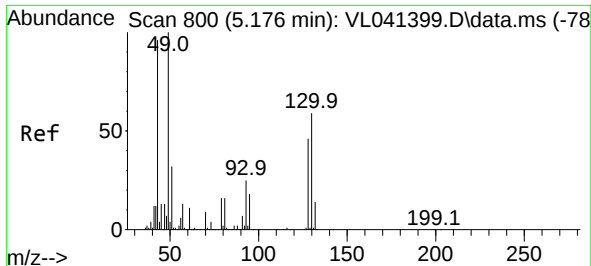
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MSVOA_L
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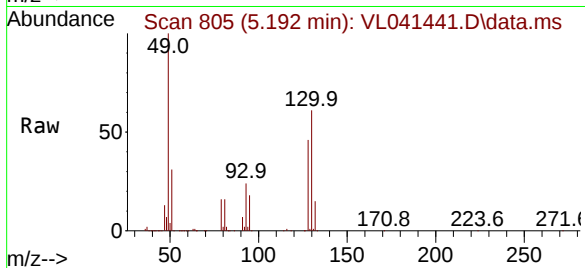
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.013 min
Lab File: VL041441.D
Acq: 29 Jul 2024 23:09

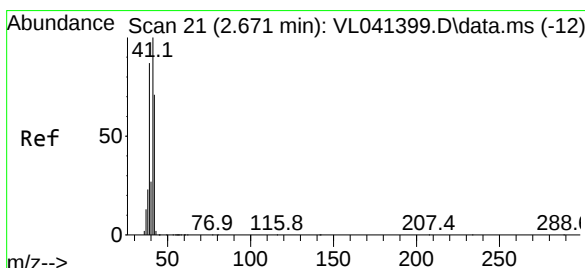
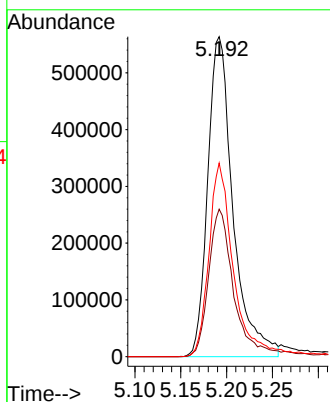
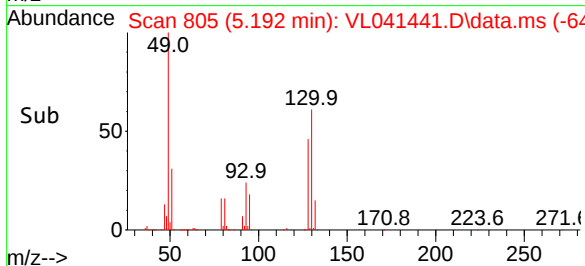
Instrument :
MSVOA_L
Client Sample Id :
ACVI-IA-03DL



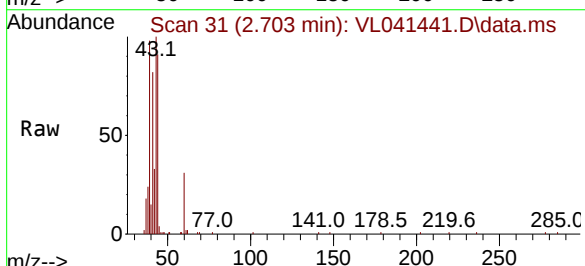
Tgt Ion: 49 Resp: 1079235
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.4
130 61.0 30.8 92.4

Manual Integrations
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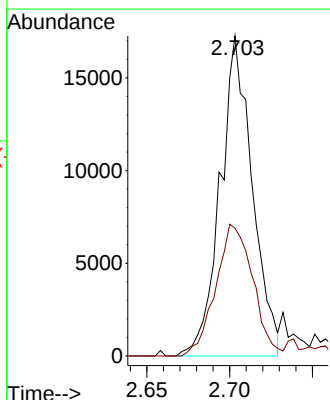
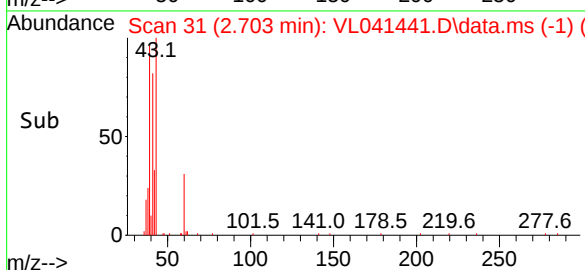
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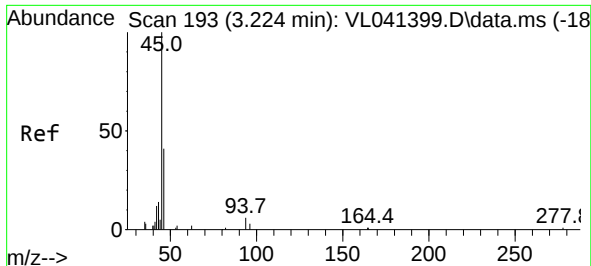


#9
Propene
Concen: 0.394 ppbv m
RT: 2.703 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL041441.D
Acq: 29 Jul 2024 23:09



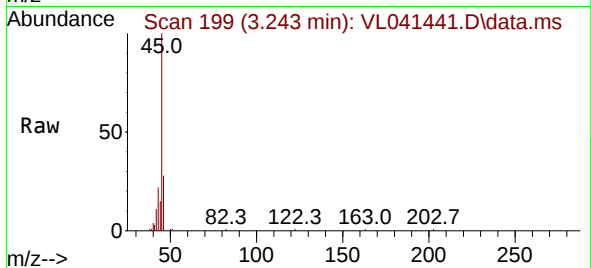
Tgt Ion: 41 Resp: 23268
Ion Ratio Lower Upper
41 100
42 109.2 55.9 83.9#





#13
Ethanol
Concen: 7.913 ppbv m
RT: 3.243 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041441.D
Acq: 29 Jul 2024 23:09

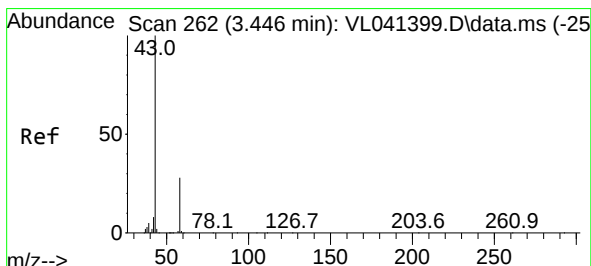
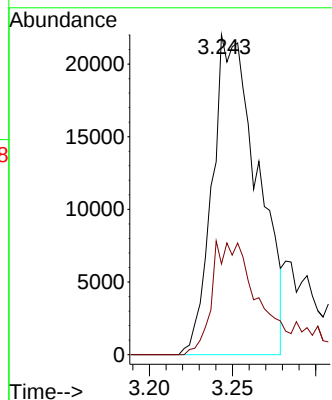
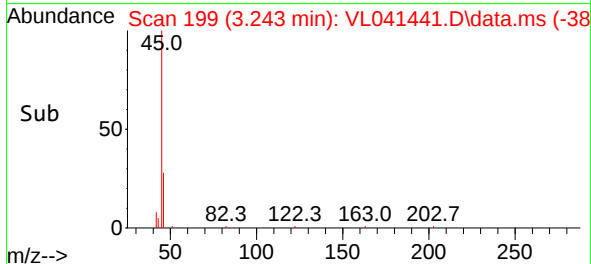
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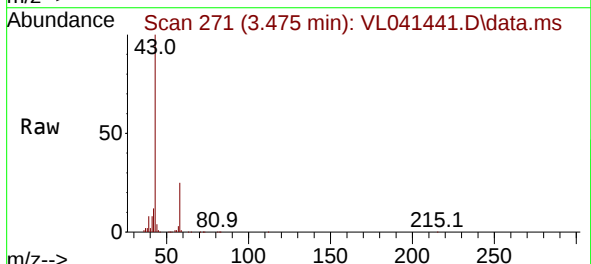
Tgt Ion: 45 Resp: 41743
Ion Ratio Lower Upper
45 100
46 46.2 13.4 53.4

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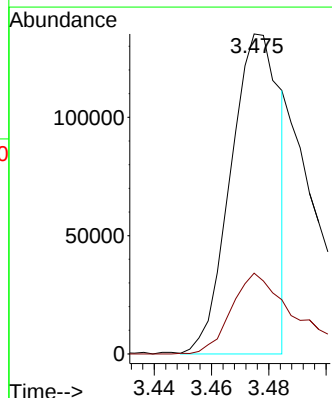
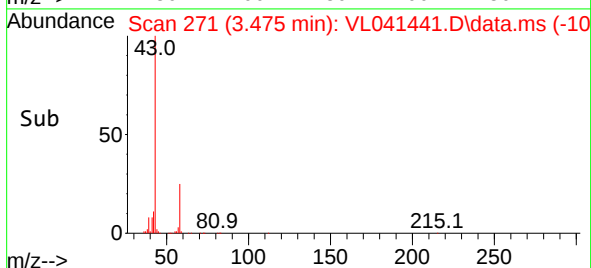
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

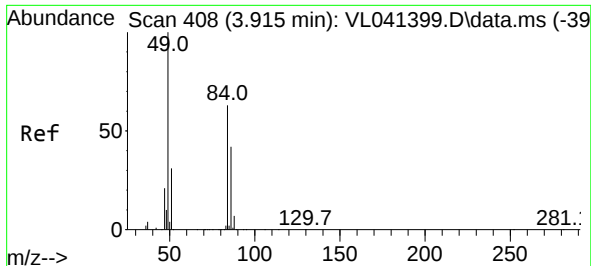


#15
Acetone
Concen: 1.313 ppbv m
RT: 3.475 min Scan# 271
Delta R.T. 0.023 min
Lab File: VL041441.D
Acq: 29 Jul 2024 23:09



Tgt Ion: 43 Resp: 160944
Ion Ratio Lower Upper
43 100
58 38.0 21.4 32.2#





#20

Methylene Chloride

Concen: 0.209 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.016 min

Lab File: VL041441.D

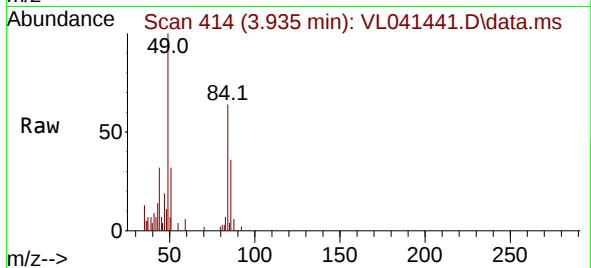
Acq: 29 Jul 2024 23:09

Instrument :

MSVOA_L

ClientSampleId :

ACVI-IA-03DL



Tgt Ion: 84 Resp: 957

Ion Ratio Lower Upper

84 100

49 157.4 126.6 190.0

51 50.1 38.6 58.0

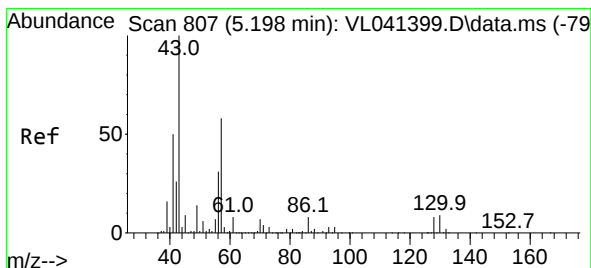
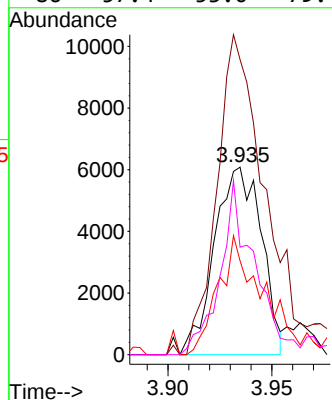
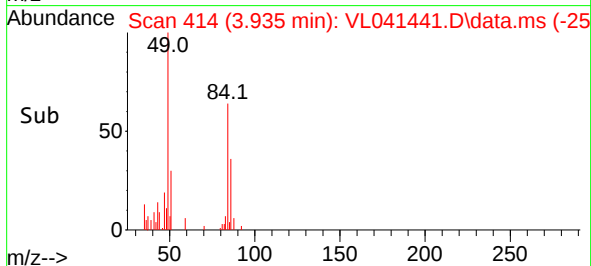
86 57.4 53.0 79.4

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#26

Hexane

Concen: 0.176 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.013 min

Lab File: VL041441.D

Acq: 29 Jul 2024 23:09

Tgt Ion: 57 Resp: 17836

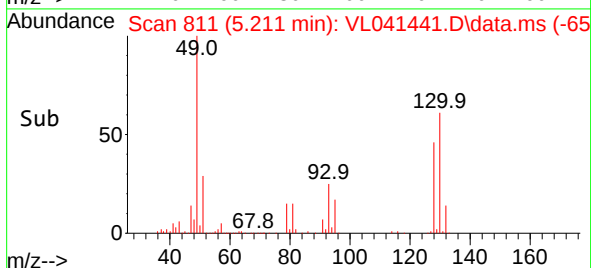
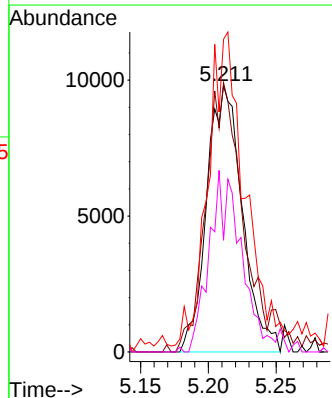
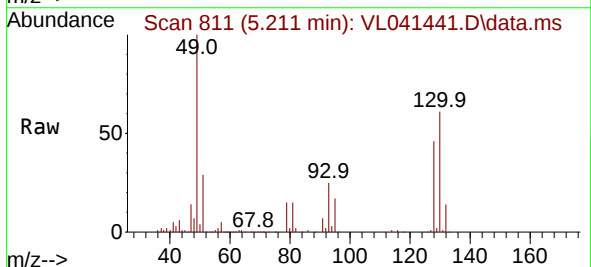
Ion Ratio Lower Upper

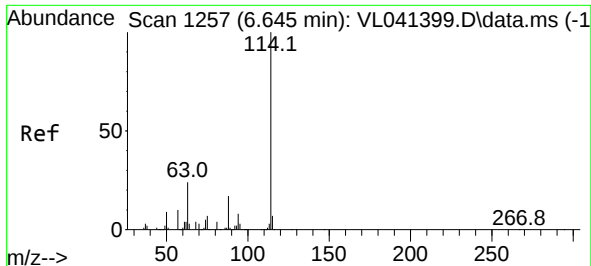
57 100

41 110.1 74.0 111.0

43 133.4 193.6 290.4#

56 63.0 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. 0.007 min

Lab File: VL041441.D

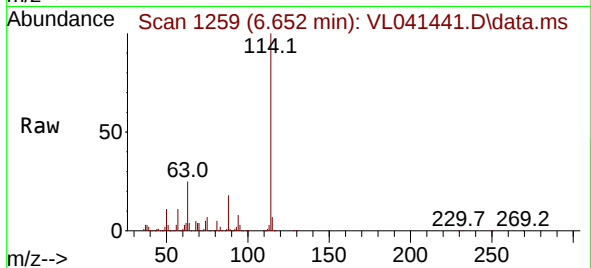
Acq: 29 Jul 2024 23:09

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Tgt Ion:114 Resp: 295384

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

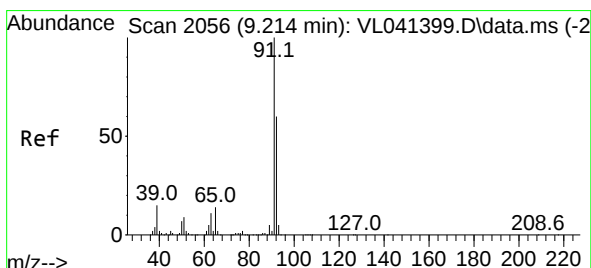
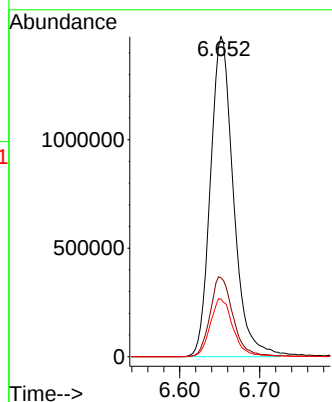
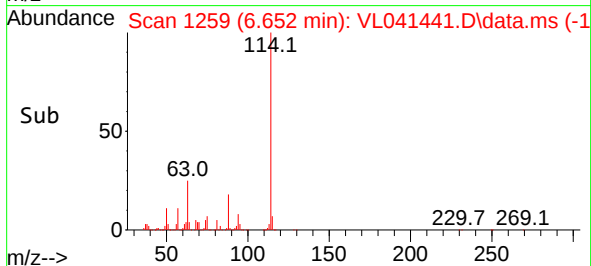
88 18.0 14.3 21.5

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#53

Toluene

Concen: 0.268 ppbv m

RT: 9.224 min Scan# 2059

Delta R.T. 0.007 min

Lab File: VL041441.D

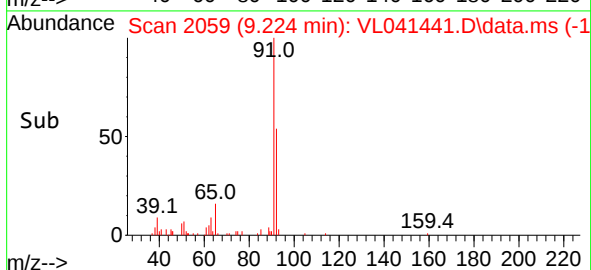
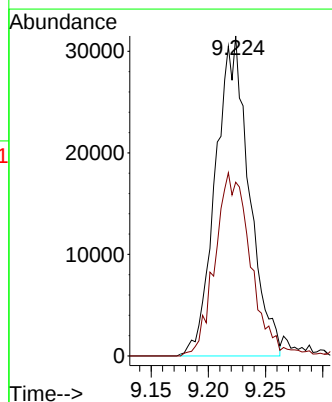
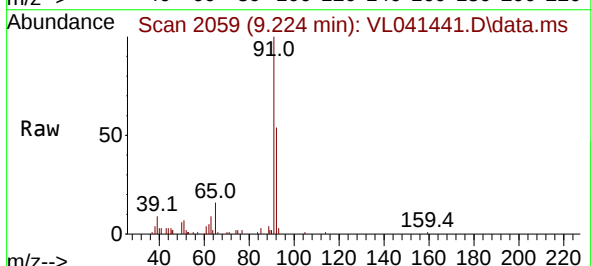
Acq: 29 Jul 2024 23:09

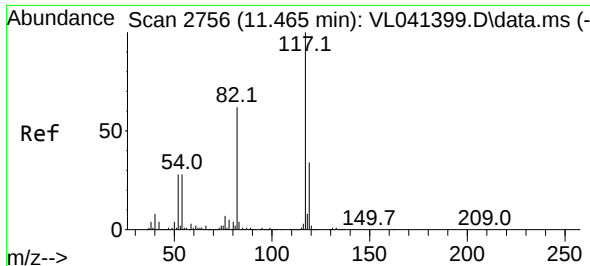
Tgt Ion: 91 Resp: 64377

Ion Ratio Lower Upper

91 100

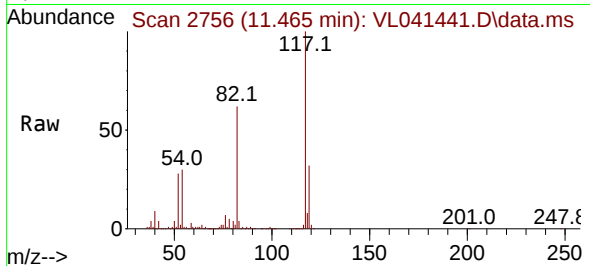
92 0.0 48.7 73.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041441.D
Acq: 29 Jul 2024 23:09

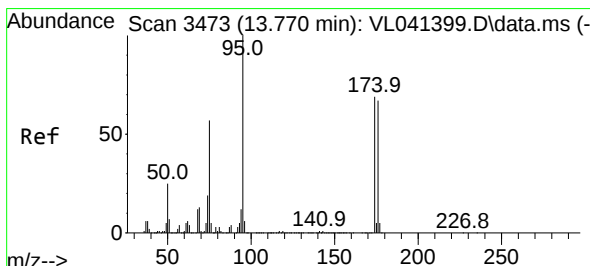
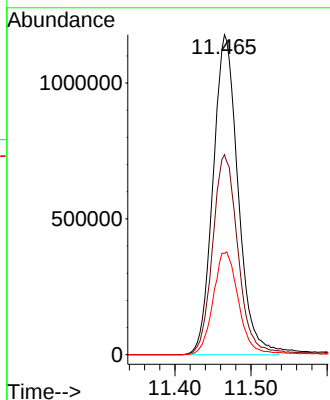
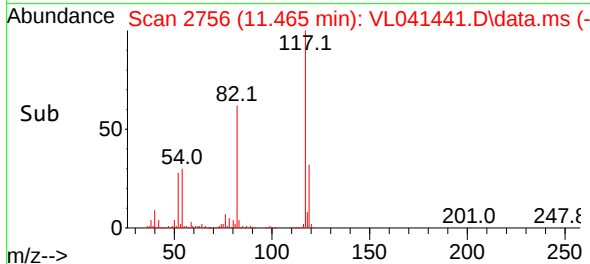
Instrument :
MSVOA_L
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Tgt Ion:117 Resp: 2686404
Ion Ratio Lower Upper
117 100
82 64.9 51.0 76.6
119 33.4 45.2 67.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.998 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.007 min
Lab File: VL041441.D
Acq: 29 Jul 2024 23:09

Tgt Ion: 95 Resp: 2066900
Ion Ratio Lower Upper
95 100
174 72.8 56.3 84.5
175 5.1 4.0 6.0

