

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041514.D
 Acq On : 8 Aug 2024 15:48
 Operator : SY/MD
 Sample : P3496-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-OMDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 05:56:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 9 2024
 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	5.182	49	1063726	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2877186	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2632274	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2012628	9.935	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
9) Propene	2.700	41	11019	0.189	ppbv	86
13) Ethanol	3.240	45	16711m	3.214	ppbv	
15) Acetone	3.468	43	175851	1.455	ppbv	98
20) Methylene Chloride	3.925	84	310022	6.879	ppbv	97
26) Hexane	5.205	57	180009	1.807	ppbv #	37

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

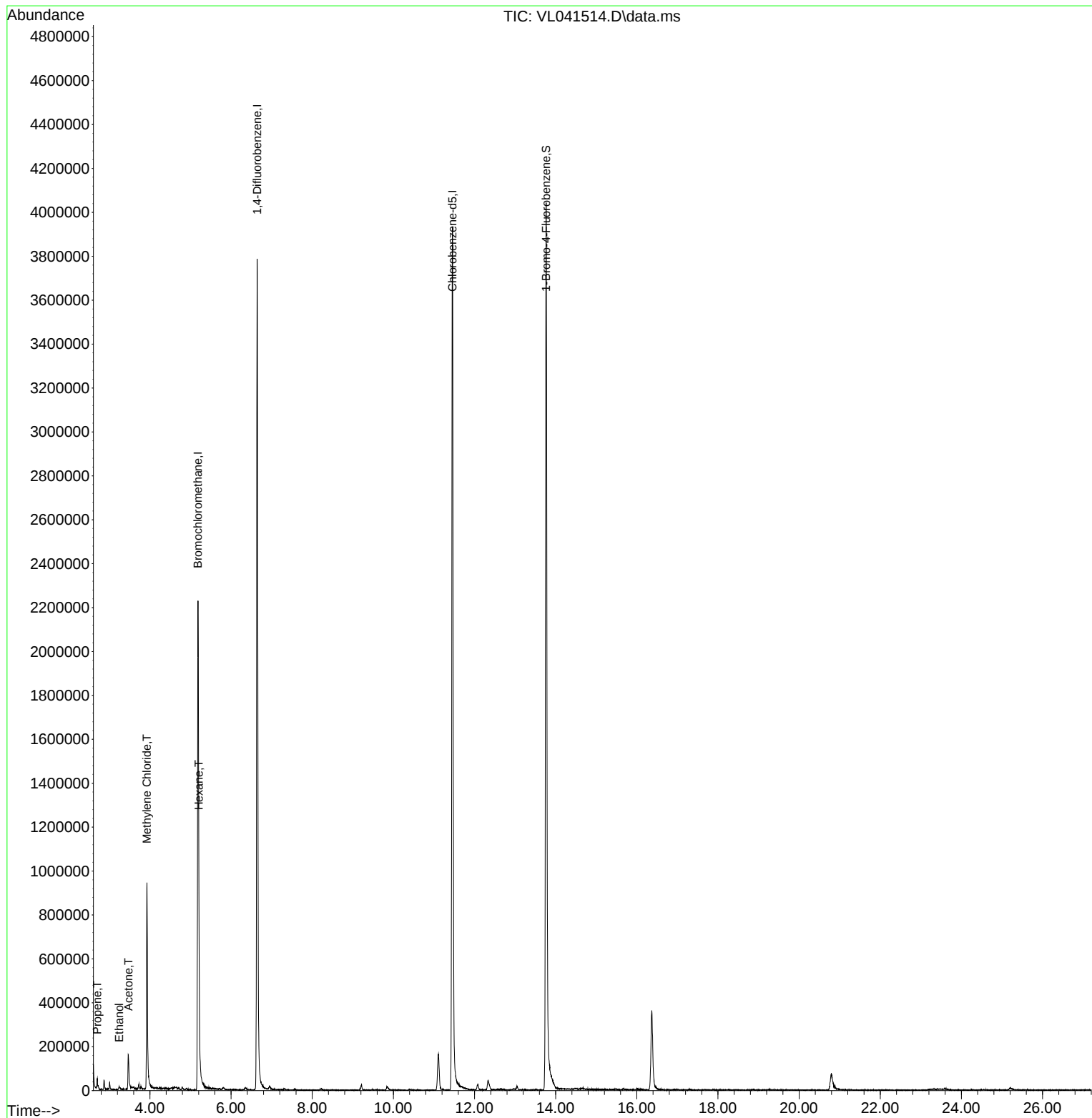
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
Data File : VL041514.D
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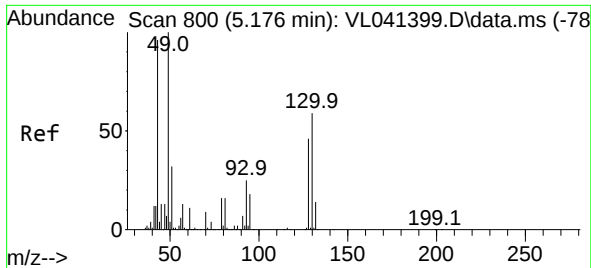
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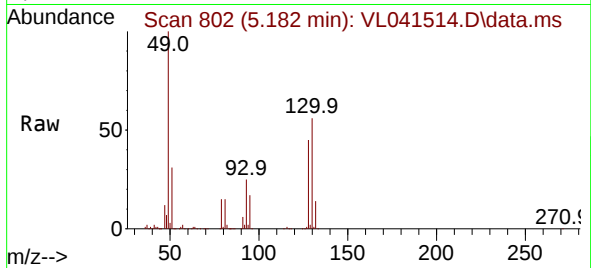
Quant Time: Aug 09 05:56:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Aug 06 01:32:58 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041514.D
Acq: 8 Aug 2024 15:48

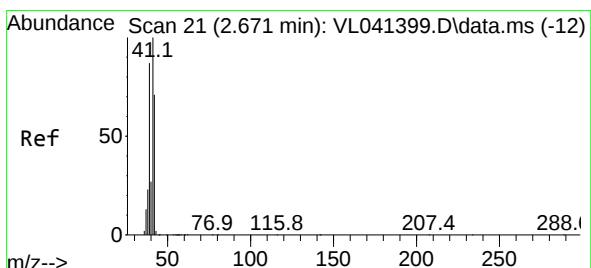
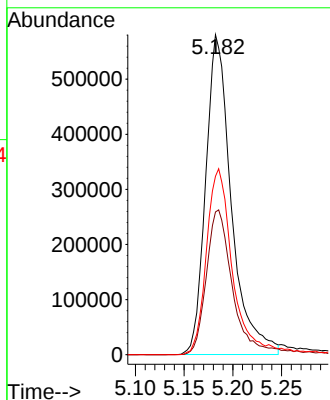
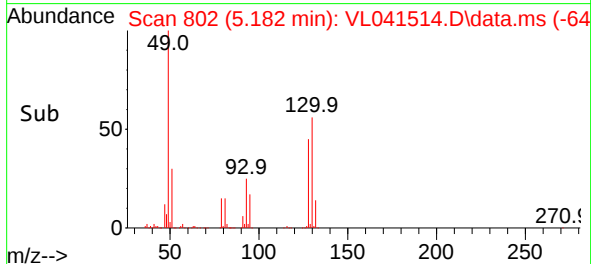
Instrument :
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ClientSampleId :
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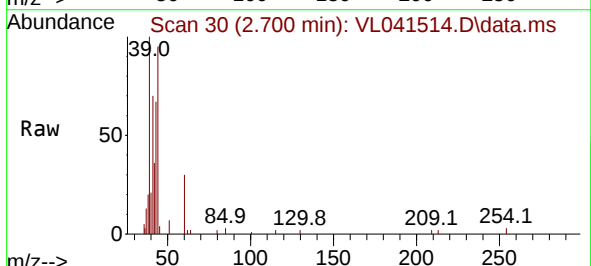
Tgt Ion: 49 Resp: 1063720
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 61.3 30.8 92.4

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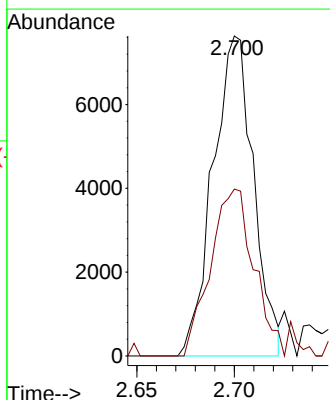
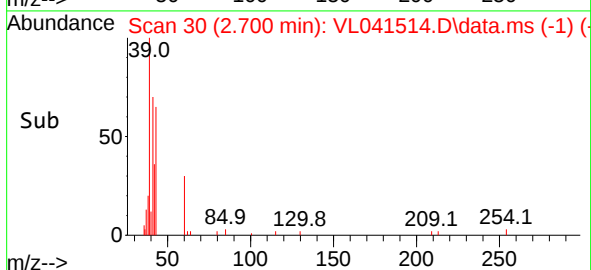
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

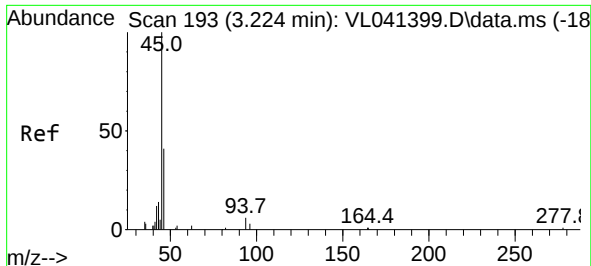


#9
Propene
Concen: 0.189 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL041514.D
Acq: 8 Aug 2024 15:48



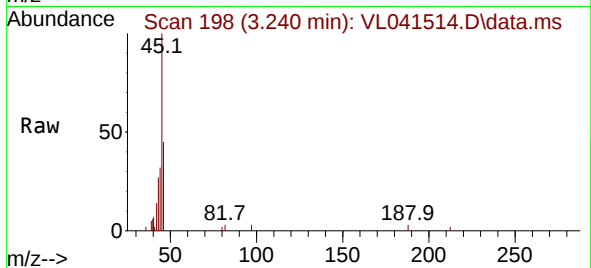
Tgt Ion: 41 Resp: 11019
Ion Ratio Lower Upper
41 100
42 58.6 55.9 83.9





#13
Ethanol
Concen: 3.214 ppbv m
RT: 3.240 min Scan# 193
Delta R.T. -0.003 min
Lab File: VL041514.D
Acq: 8 Aug 2024 15:48

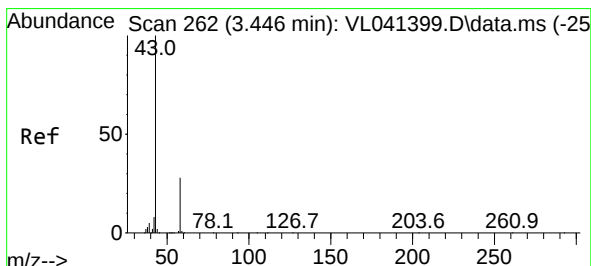
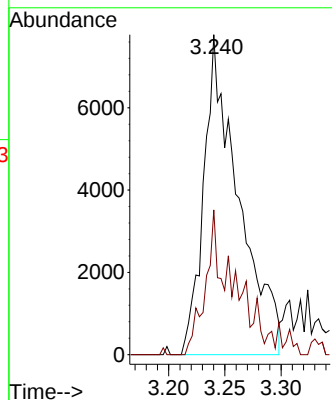
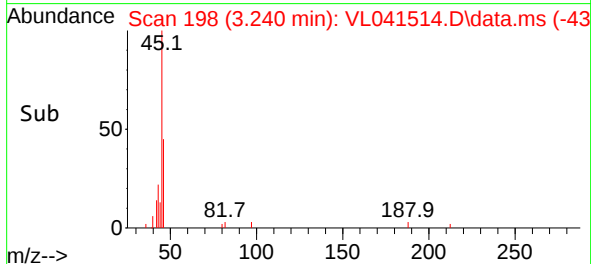
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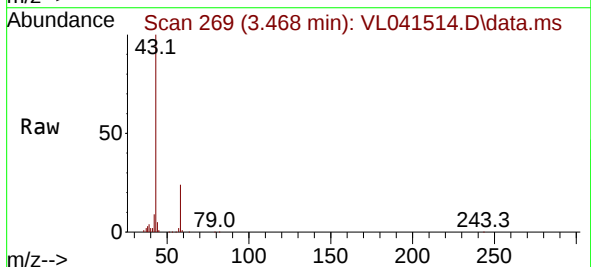
Tgt Ion: 45 Resp: 1671
Ion Ratio Lower Upper
45 100
46 40.0 13.4 53.4

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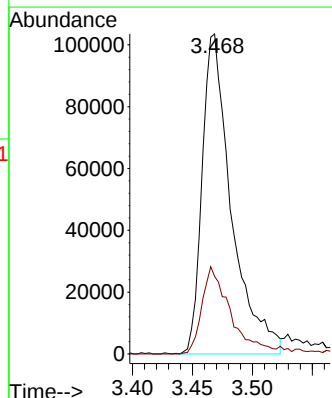
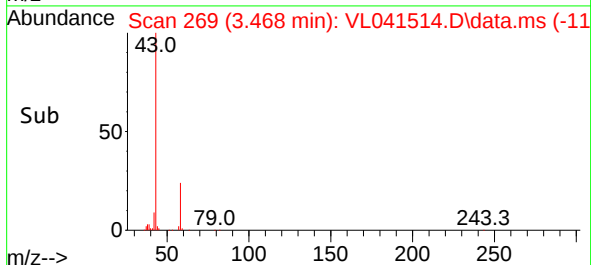
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

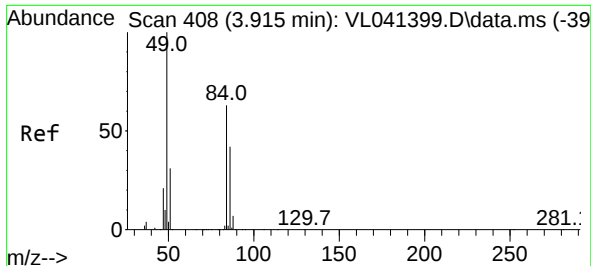


#15
Acetone
Concen: 1.455 ppbv
RT: 3.468 min Scan# 269
Delta R.T. 0.000 min
Lab File: VL041514.D
Acq: 8 Aug 2024 15:48



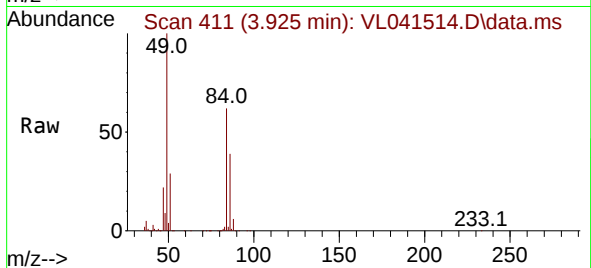
Tgt Ion: 43 Resp: 175851
Ion Ratio Lower Upper
43 100
58 27.9 21.4 32.2





#20
Methylene Chloride
Concen: 6.879 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL041514.D
Acq: 8 Aug 2024 15:48

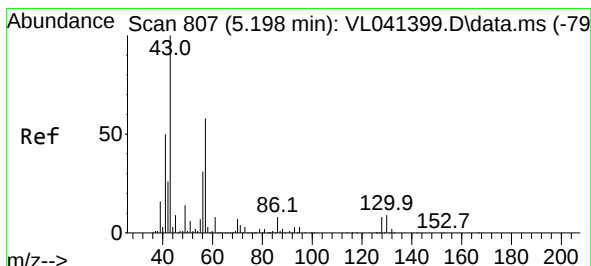
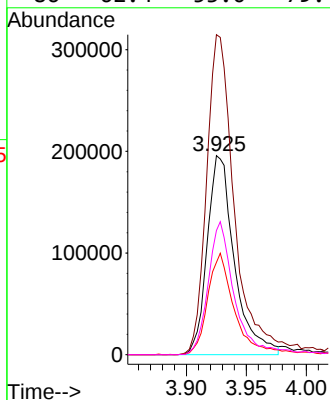
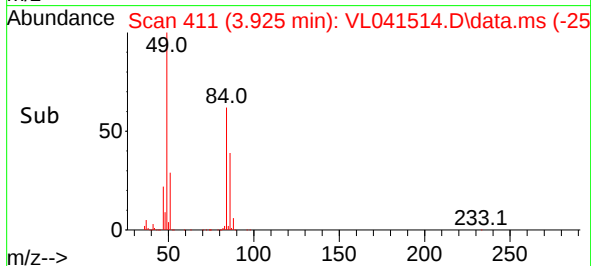
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Tgt Ion: 84 Resp: 31002
Ion Ratio Lower Upper
84 100
49 160.6 126.6 190.0
51 46.4 38.6 58.0
86 62.4 53.0 79.4

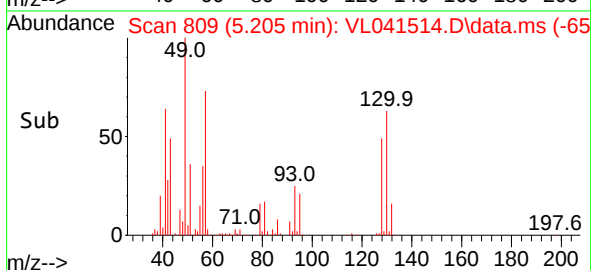
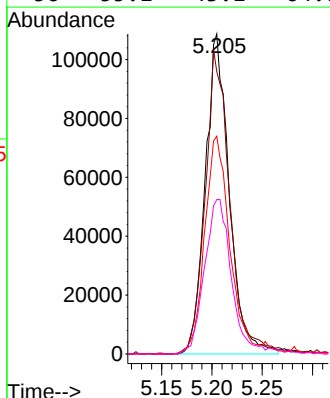
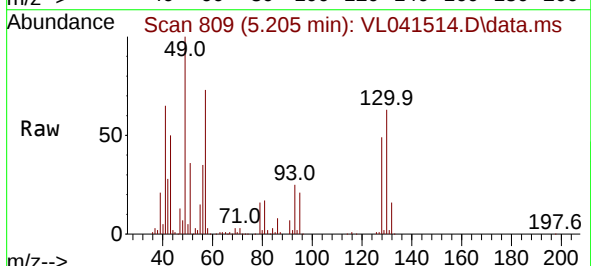
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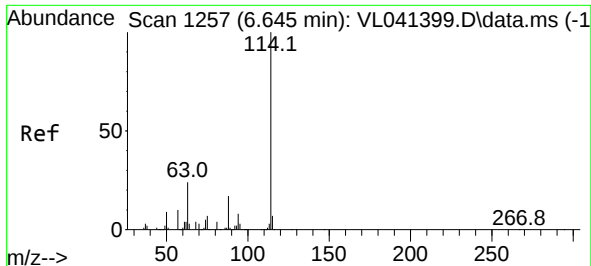
Reviewed By :Semsettin Yesilyurt 08/09/2024
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#26
Hexane
Concen: 1.807 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.006 min
Lab File: VL041514.D
Acq: 8 Aug 2024 15:48

Tgt Ion: 57 Resp: 180009
Ion Ratio Lower Upper
57 100
41 99.0 74.0 111.0
43 74.1 193.6 290.4#
56 55.1 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL041514.D

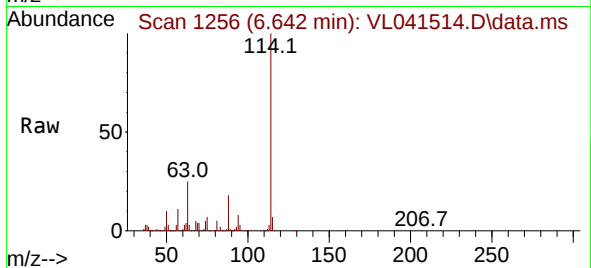
Acq: 8 Aug 2024 15:48

Instrument :

MSVOA_L

ClientSampleId :

B-OMDL



Tgt Ion:114 Resp: 287718

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

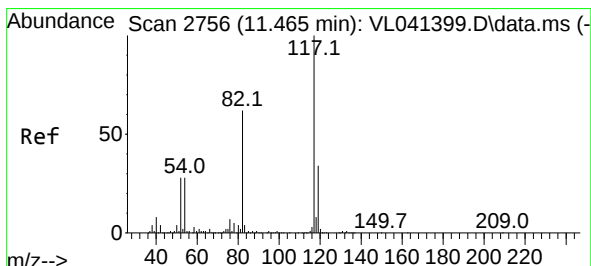
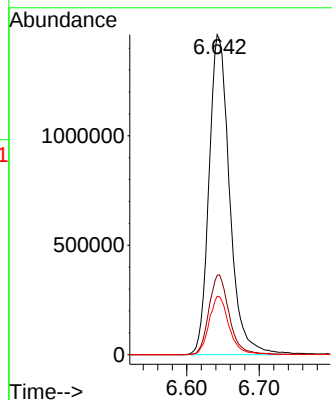
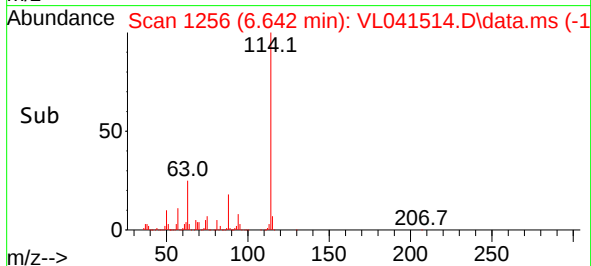
88 17.8 14.3 21.5

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.006 min

Lab File: VL041514.D

Acq: 8 Aug 2024 15:48

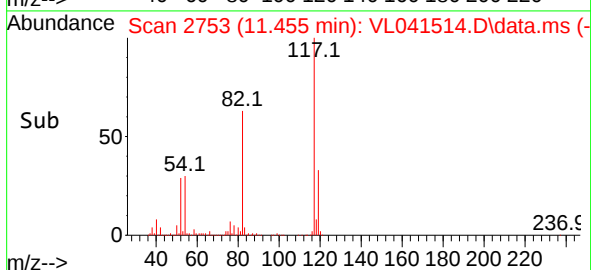
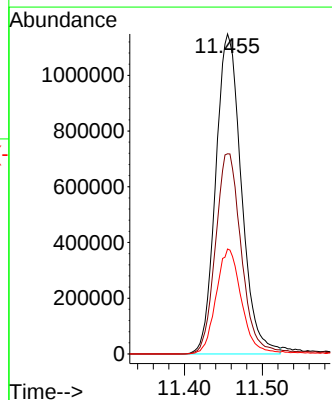
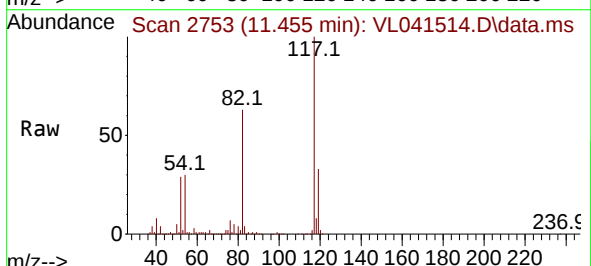
Tgt Ion:117 Resp: 2632274

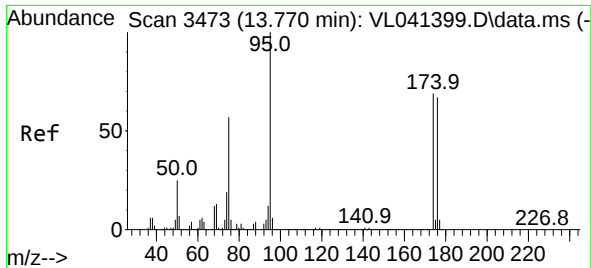
Ion Ratio Lower Upper

117 100

82 64.2 51.0 76.6

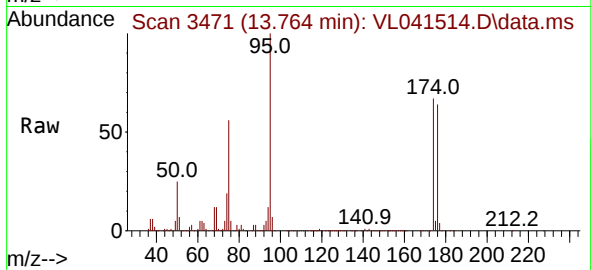
119 33.1 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.935 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.003 min
 Lab File: VL041514.D
 Acq: 8 Aug 2024 15:48

Instrument :
 MSVOA_L
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Tgt Ion: 95 Resp: 2012628
 Ion Ratio Lower Upper
 95 100
 174 71.4 56.3 84.5
 175 5.2 4.0 6.0

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