

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041218.D
 Acq On : 6 May 2024 14:59
 Operator : SY/MD
 Sample : P2334-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-IA02-20240425DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024
 Supervised By :Mahesh Dadoda 05/07/2024

Quant Time: May 07 05:24:39 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue May 07 05:19:44 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	848132	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2259502	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2041905	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1565798	10.157	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
9) Propene	2.716	41	7525	0.149	ppbv	89
13) Ethanol	3.256	45	26984m	2.388	ppbv	
15) Acetone	3.484	43	111297	1.112	ppbv	97
20) Methylene Chloride	3.941	84	246757	7.089	ppbv	98
26) Hexane	5.217	57	205135	2.301	ppbv #	42

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

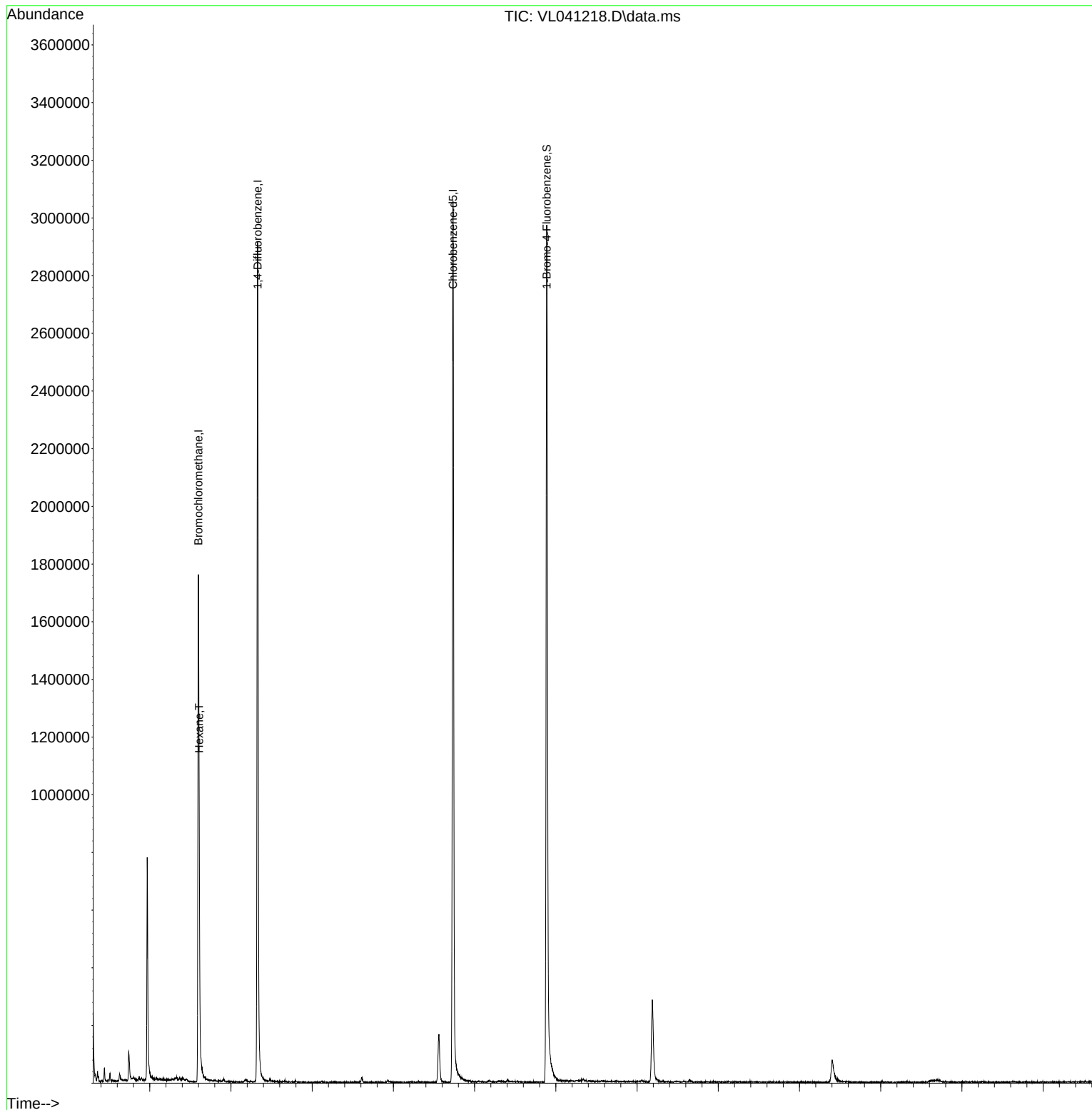
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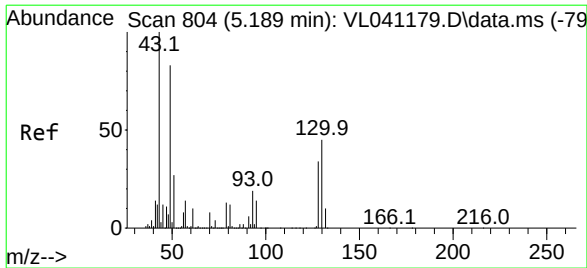
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA02-20240425DL

Quant Time: May 07 05:24:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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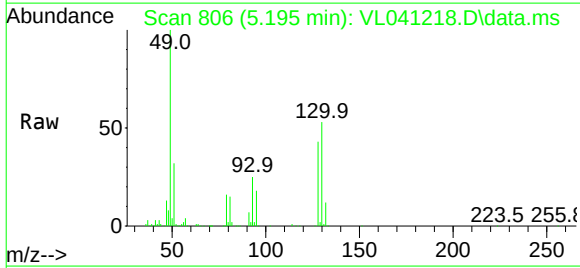
Reviewed By : Semsettin Yesilyurt 05/07/2024
Supervised By : Mahesh Dadoda 05/07/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041218.D
Acq: 6 May 2024 14:59

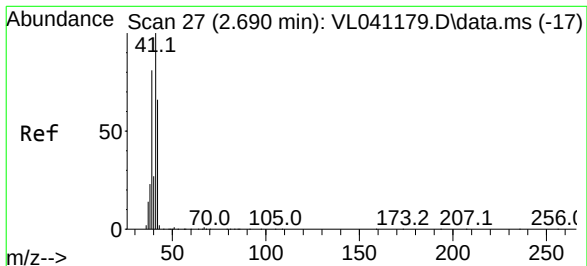
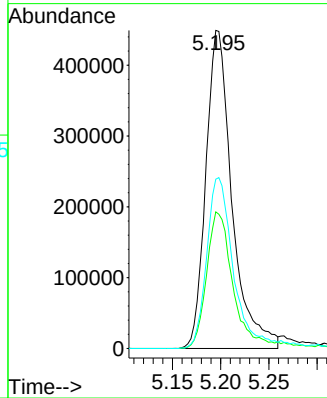
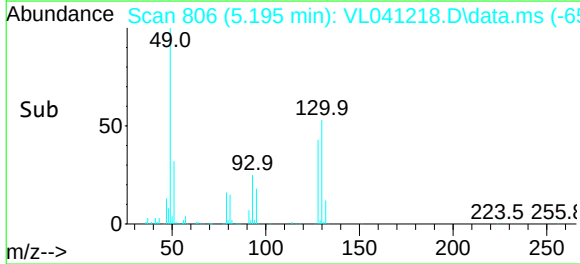
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MSVOA_L
ClientSampleId :
BA-20-IA02-20240425DL



Tgt Ion: 49 Resp: 848132
Ion Ratio Lower Upper
49 100
128 45.8 21.5 64.5
130 57.5 27.2 81.6

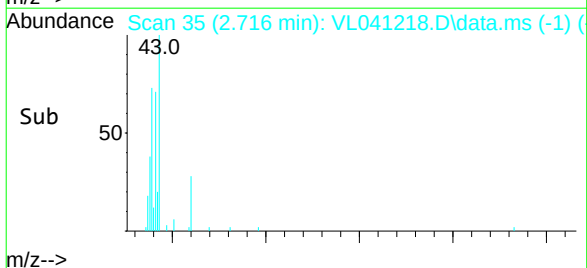
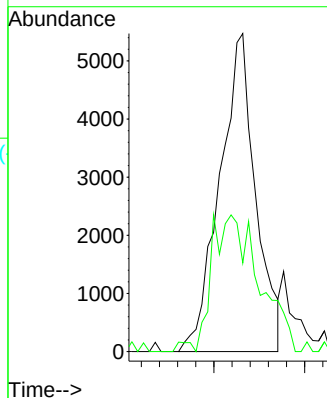
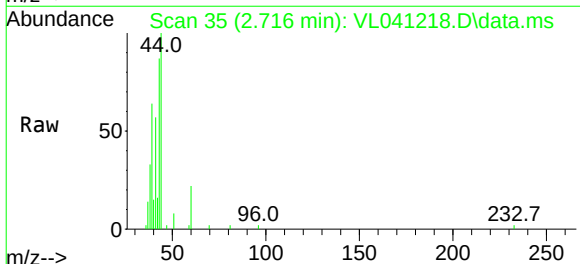
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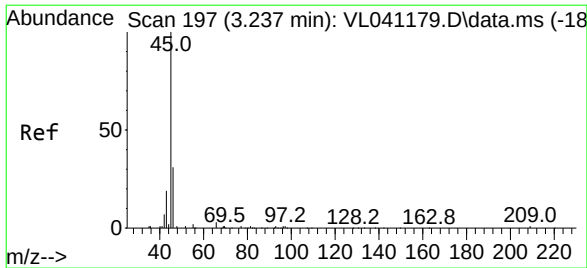
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#9
Propene
Concen: 0.149 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.013 min
Lab File: VL041218.D
Acq: 6 May 2024 14:59

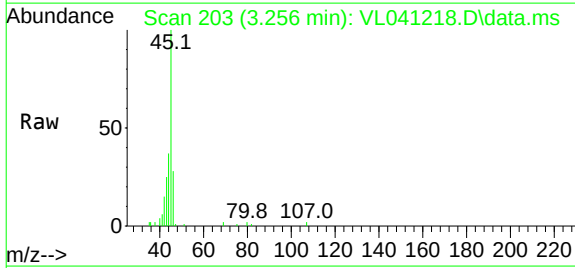
Tgt Ion: 41 Resp: 7525
Ion Ratio Lower Upper
41 100
42 59.9 55.3 82.9





#13
Ethanol
Concen: 2.388 ppbv m
RT: 3.256 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041218.D
Acq: 6 May 2024 14:59

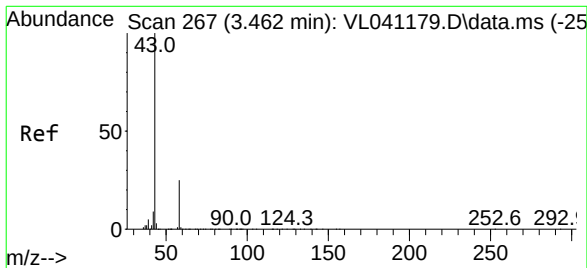
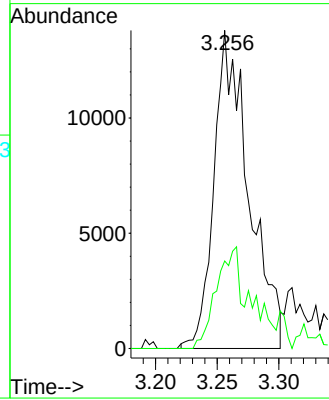
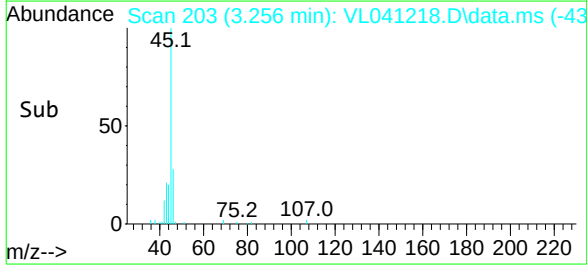
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ClientSampleId :
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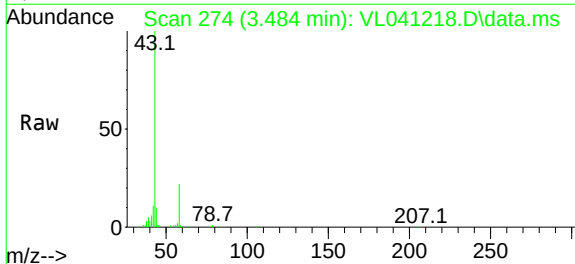
Tgt Ion: 45 Resp: 26984
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0#

Manual Integrations
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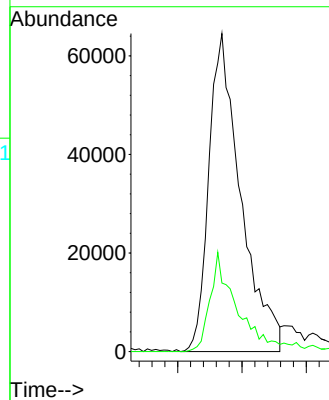
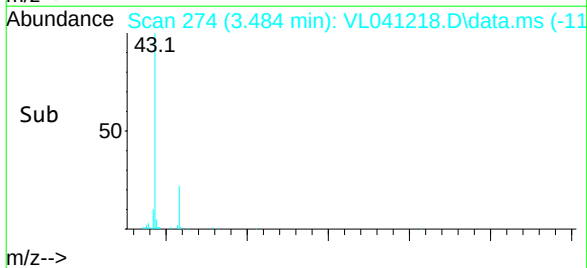
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

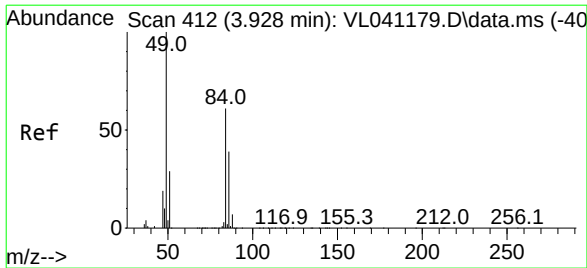


#15
Acetone
Concen: 1.112 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.010 min
Lab File: VL041218.D
Acq: 6 May 2024 14:59



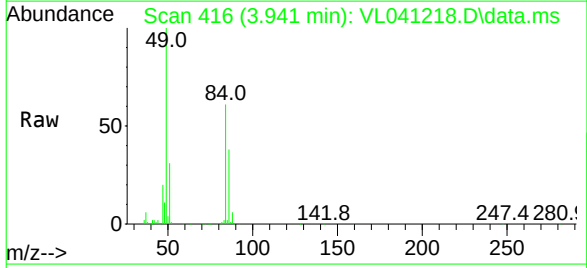
Tgt Ion: 43 Resp: 111297
Ion Ratio Lower Upper
43 100
58 28.0 21.4 32.0





#20
Methylene Chloride
Concen: 7.089 ppbv
RT: 3.941 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041218.D
Acq: 6 May 2024 14:59

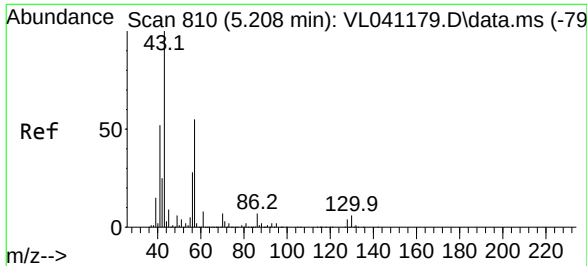
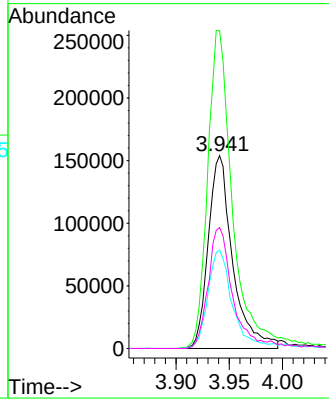
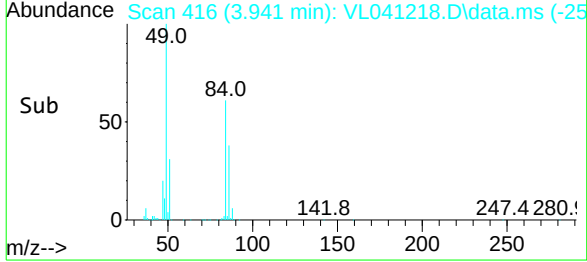
Instrument :
MSVOA_L
ClientSampleId :
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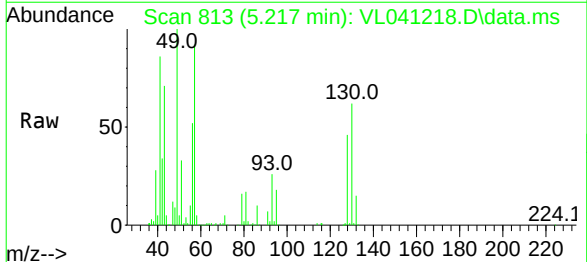
Tgt Ion:	84	Resp:	246757
Ion	Ratio	Lower	Upper
84	100		
49	164.7	130.4	195.6
51	50.9	38.0	57.0
86	62.7	50.3	75.5

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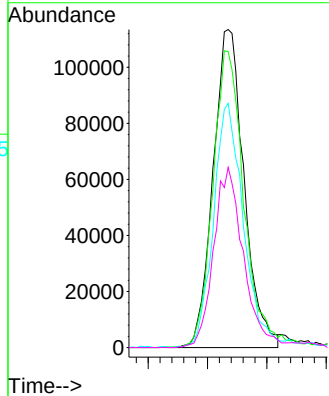
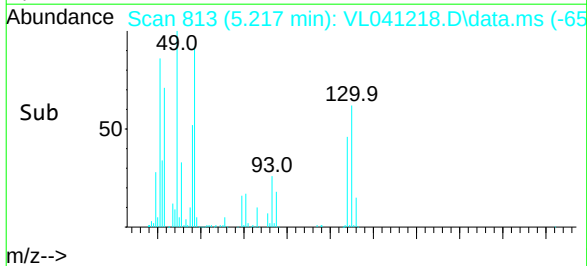
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

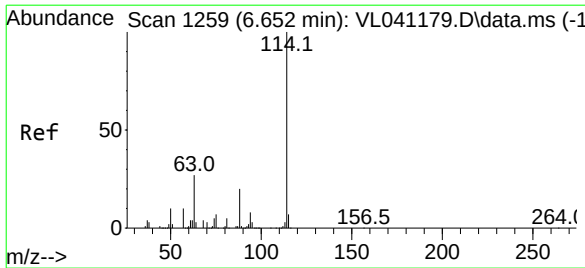


#26
Hexane
Concen: 2.301 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.003 min
Lab File: VL041218.D
Acq: 6 May 2024 14:59



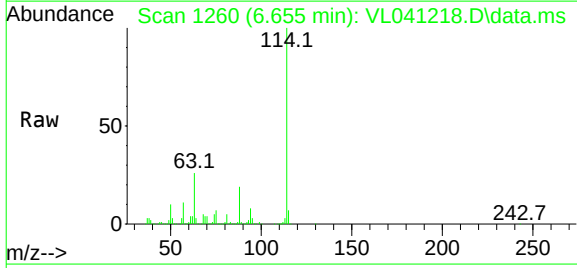
Tgt Ion:	57	Resp:	205135
Ion	Ratio	Lower	Upper
57	100		
41	96.0	75.8	113.8
43	76.8	187.0	280.4#
56	56.0	42.7	64.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041218.D
Acq: 6 May 2024 14:59

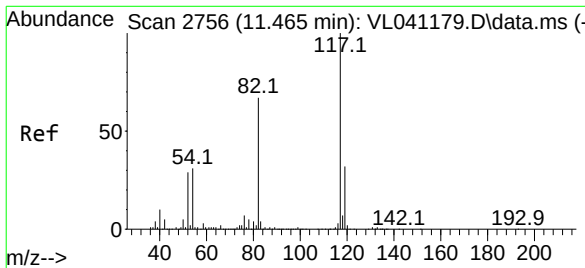
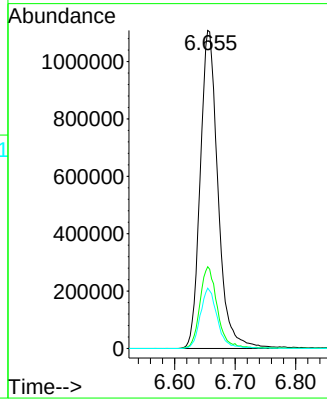
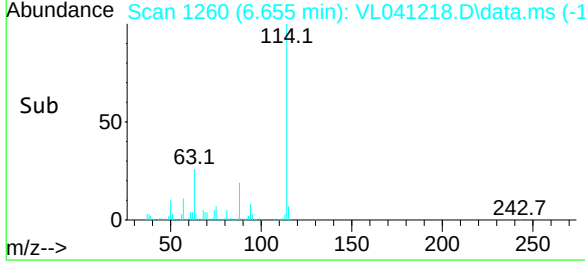
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA02-20240425DL



Tgt Ion:114 Resp: 2259502
Ion Ratio Lower Upper
114 100
63 25.4 21.8 32.6
88 18.4 15.2 22.8

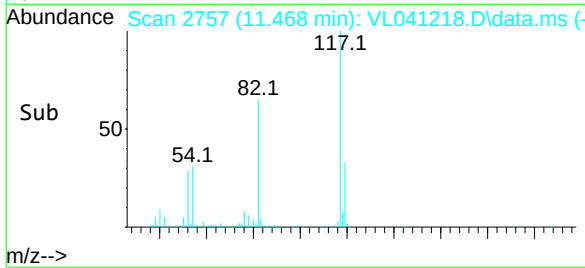
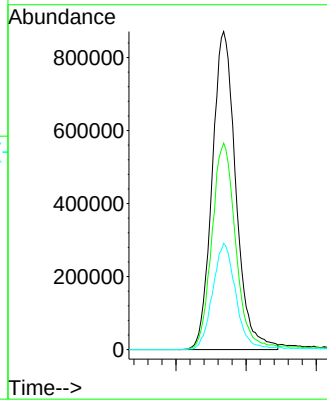
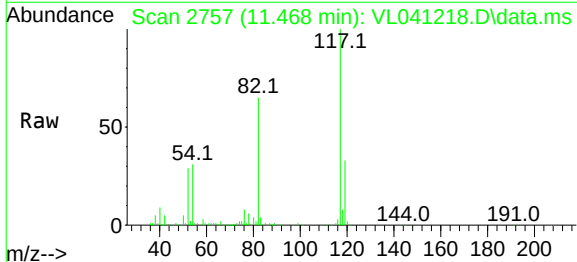
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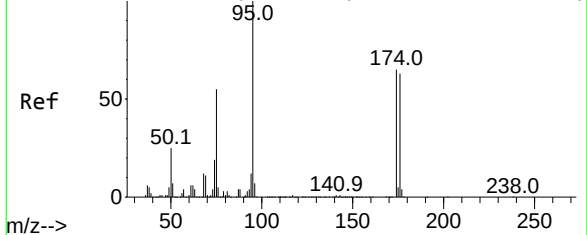


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041218.D
Acq: 6 May 2024 14:59

Tgt Ion:117 Resp: 2041905
Ion Ratio Lower Upper
117 100
82 66.7 53.6 80.4
119 33.0 27.2 40.8



Abundance Scan 3475 (13.777 min): VL041179.D\data.ms (-



#68

1-Bromo-4-Fluorobenzene

Concen: 10.157 ppbv

RT: 13.777 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL041218.D

Acq: 6 May 2024 14:59

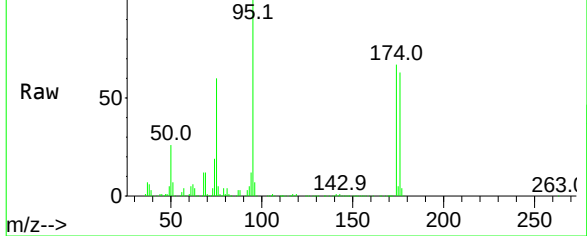
Instrument :

MSVOA_L

ClientSampleId :

BA-20-IA02-20240425DL

Abundance Scan 3475 (13.777 min): VL041218.D\data.ms



Tgt Ion: 95 Resp: 1565798

Ion Ratio Lower Upper

95 100

174 67.5 53.6 80.4

175 4.7 4.2 6.4

Manual Integrations

APPROVED

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Abundance Scan 3475 (13.777 min): VL041218.D\data.ms (-

