

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041138.D
 Acq On : 4 Apr 2024 23:31
 Operator : SY/MD
 Sample : P1953-04DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 05:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Fri Apr 05 04:49:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1385406	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	3893544	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	3507298	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	2684341	9.518	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.200%
Target Compounds						
					Qvalue	
13) Ethanol	3.269	45	24620m	1.525	ppbv	
15) Acetone	3.494	43	179470	1.196	ppbv #	79
20) Methylene Chloride	3.947	84	73100	1.182	ppbv	97
26) Hexane	5.234	57	30298m	0.240	ppbv	
34) 2-Butanone	4.816	43	436404m	2.649	ppbv	
51) 2-Hexanone	9.600	43	50346m	0.250	ppbv	

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

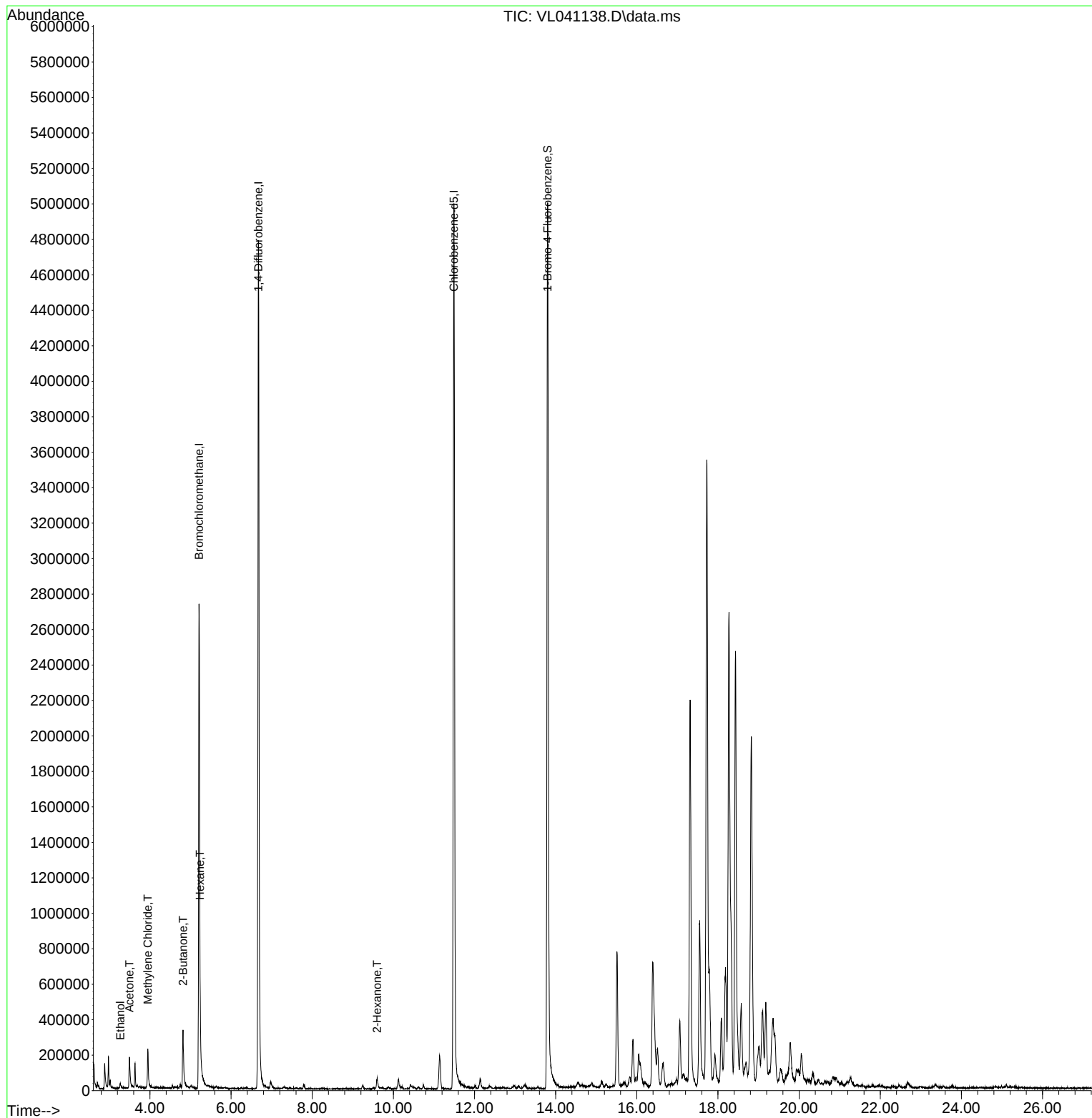
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
Data File : VL041138.D
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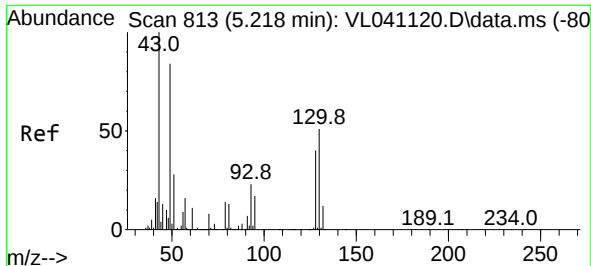
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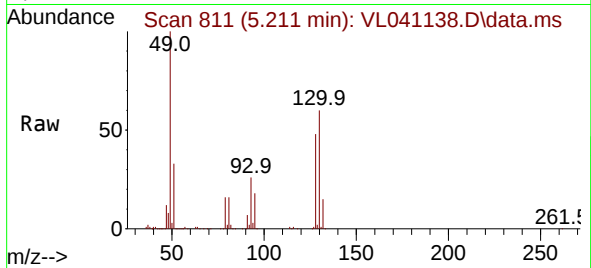
Quant Time: Apr 05 05:14:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 05 04:49:46 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 813
Delta R.T. -0.007 min
Lab File: VL041138.D
Acq: 4 Apr 2024 23:31

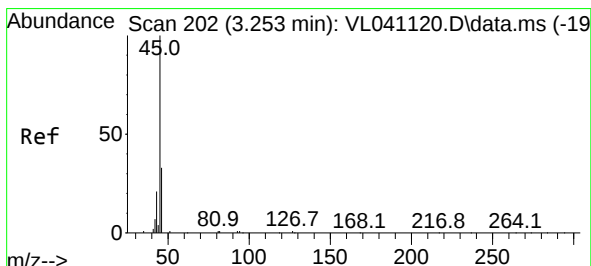
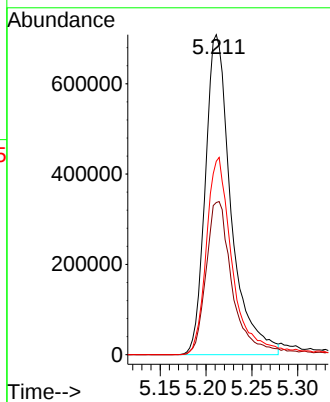
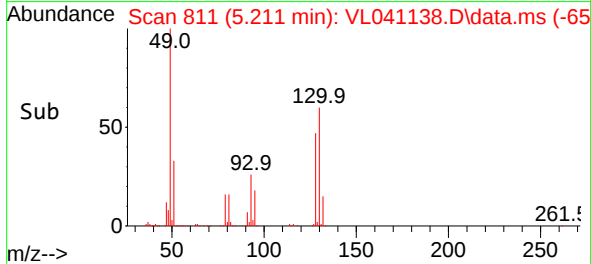
Instrument :
MSVOA_L
ClientSampleId :
SV4DL



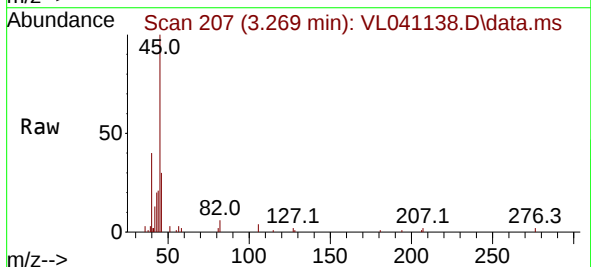
Tgt Ion: 49 Resp: 1385400
Ion Ratio Lower Upper
49 100
128 50.9 23.6 71.0
130 64.5 30.1 90.5

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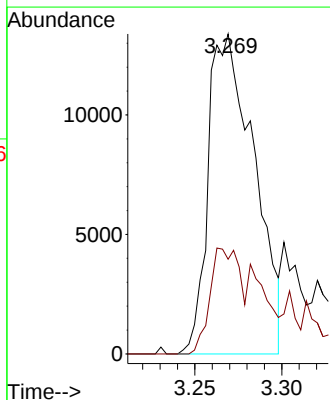
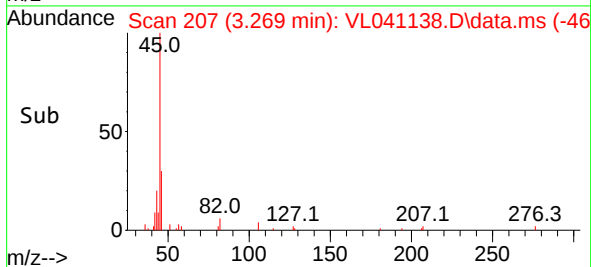
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

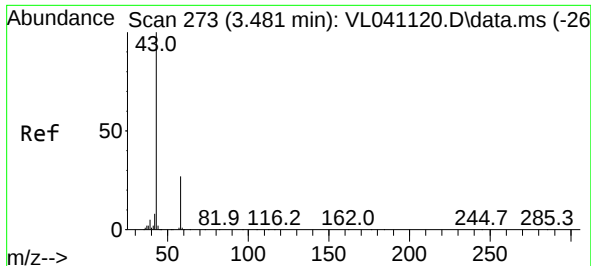


#13
Ethanol
Concen: 1.525 ppbv m
RT: 3.269 min Scan# 207
Delta R.T. 0.016 min
Lab File: VL041138.D
Acq: 4 Apr 2024 23:31



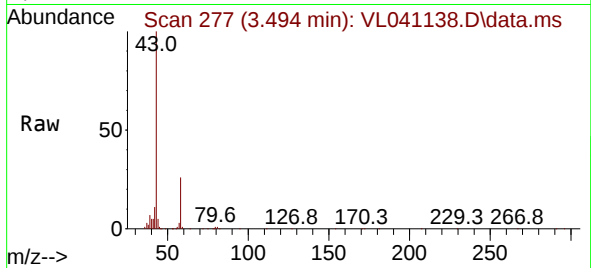
Tgt Ion: 45 Resp: 24620
Ion Ratio Lower Upper
45 100
46 47.5 15.0 59.8





#15
Acetone
Concen: 1.196 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041138.D
Acq: 4 Apr 2024 23:31

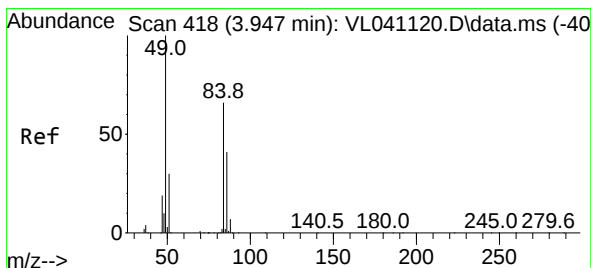
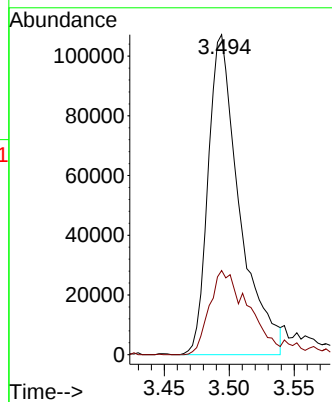
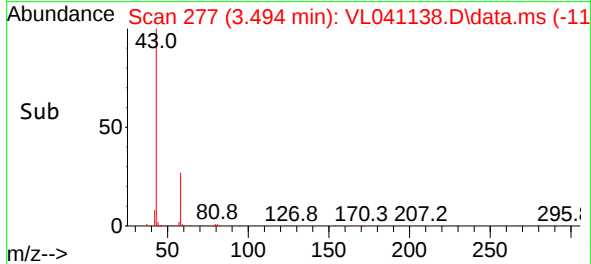
Instrument :
MSVOA_L
ClientSampleId :
SV4DL



Tgt Ion: 43 Resp: 179470
Ion Ratio Lower Upper
43 100
58 37.0 21.1 31.7

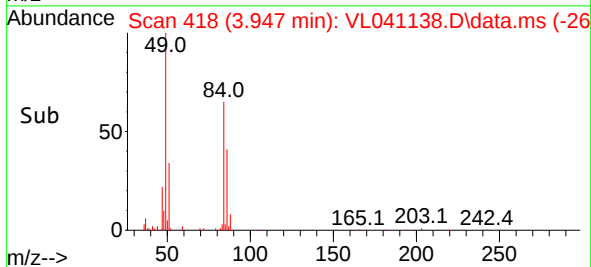
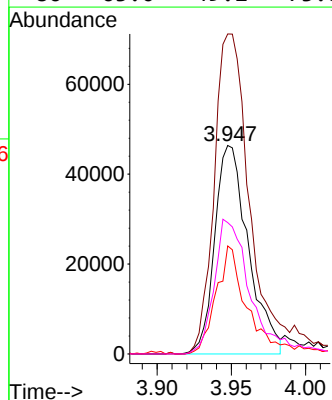
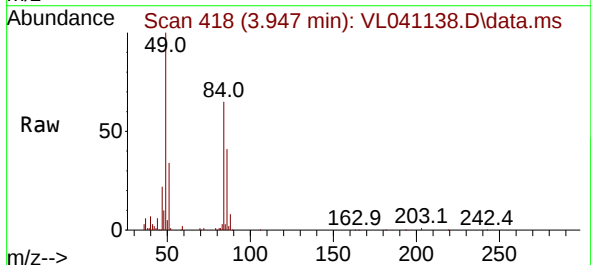
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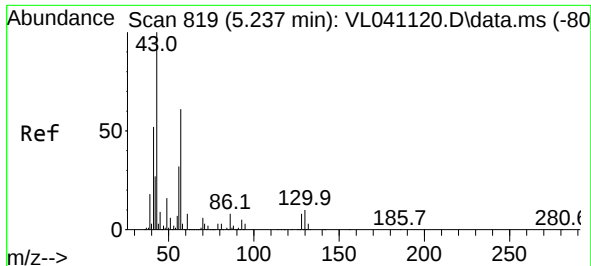
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#20
Methylene Chloride
Concen: 1.182 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.000 min
Lab File: VL041138.D
Acq: 4 Apr 2024 23:31

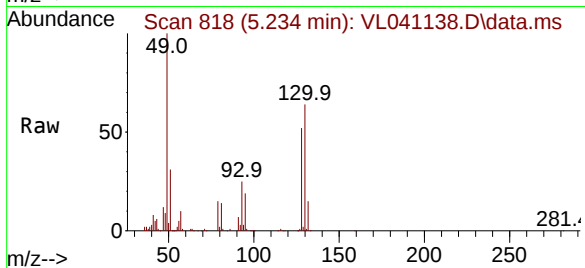
Tgt Ion: 84 Resp: 73100
Ion Ratio Lower Upper
84 100
49 153.4 120.7 181.1
51 51.8 36.6 54.8
86 63.0 49.2 73.8





#26
Hexane
Concen: 0.240 ppbv m
RT: 5.234 min Scan# 819
Delta R.T. -0.003 min
Lab File: VL041138.D
Acq: 4 Apr 2024 23:31

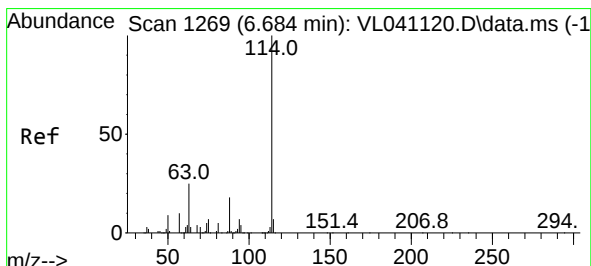
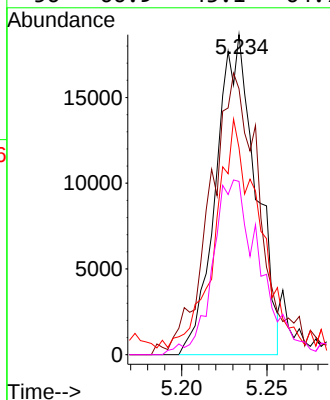
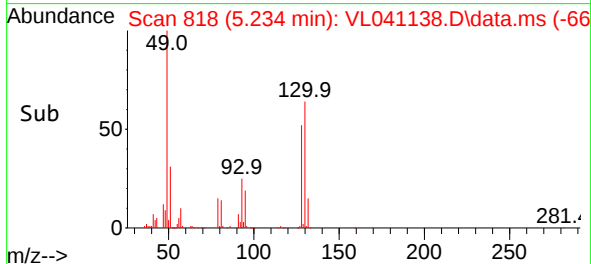
Instrument :
MSVOA_L
ClientSampleId :
SV4DL



Tgt Ion: 57 Resp: 30298
Ion Ratio Lower Upper
57 100
41 112.5 73.8 110.8
43 78.0 186.2 279.2
56 66.9 43.1 64.7

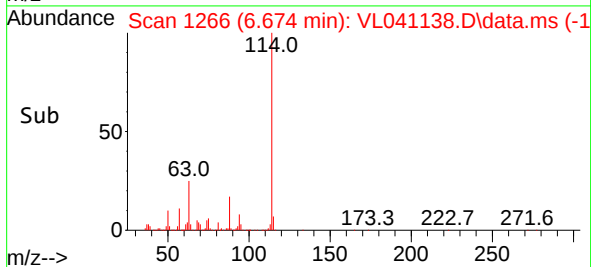
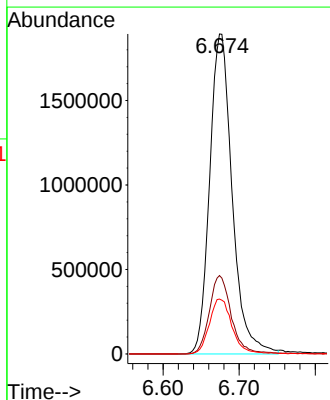
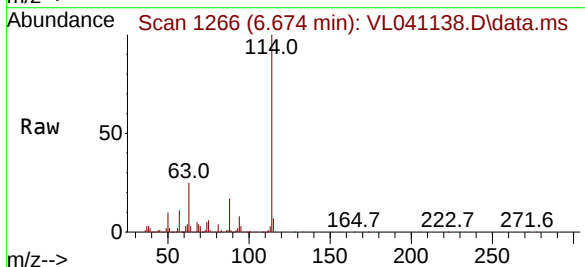
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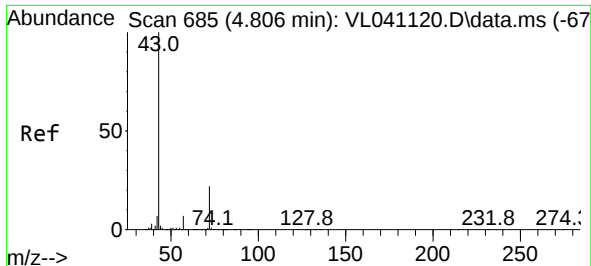
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. -0.010 min
Lab File: VL041138.D
Acq: 4 Apr 2024 23:31

Tgt Ion:114 Resp: 3893544
Ion Ratio Lower Upper
114 100
63 24.1 20.9 31.3
88 17.4 14.5 21.7





#34

2-Butanone

Concen: 2.649 ppbv m

RT: 4.816 min Scan# 685

Delta R.T. 0.010 min

Lab File: VL041138.D

Acq: 4 Apr 2024 23:31

Instrument :

MSVOA_L

ClientSampleId :

SV4DL

Tgt Ion: 43 Resp: 436404

Ion Ratio Lower Upper

43 100

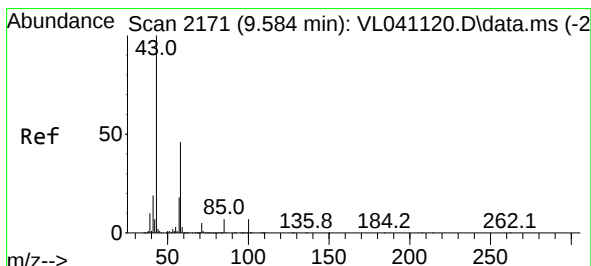
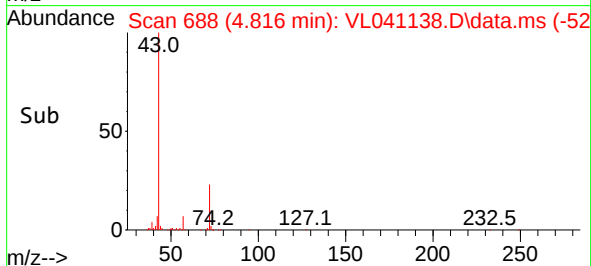
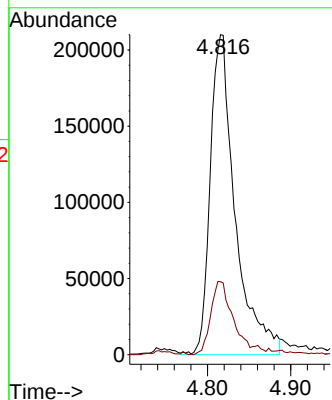
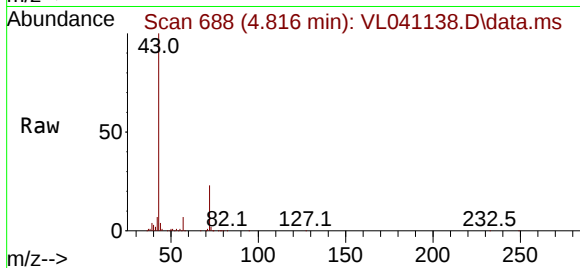
72 23.0 17.6 26.4

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Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#51

2-Hexanone

Concen: 0.250 ppbv m

RT: 9.600 min Scan# 2176

Delta R.T. 0.016 min

Lab File: VL041138.D

Acq: 4 Apr 2024 23:31

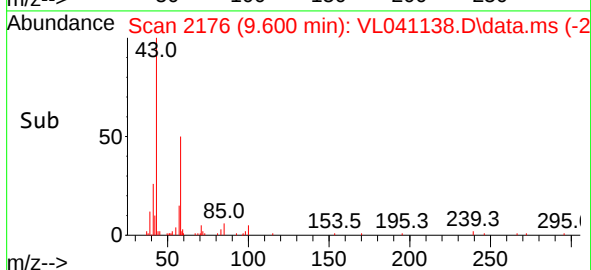
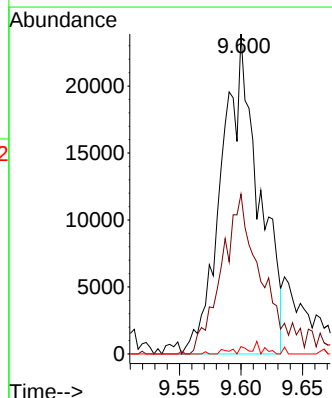
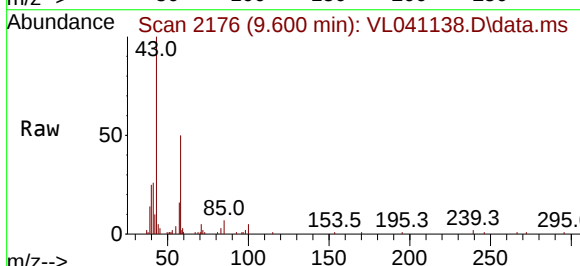
Tgt Ion: 43 Resp: 50346

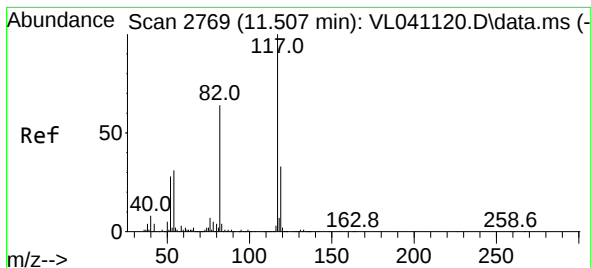
Ion Ratio Lower Upper

43 100

58 0.0 37.3 55.9#

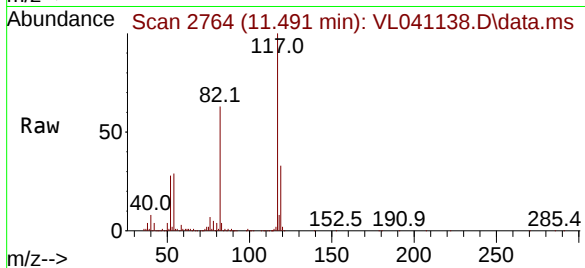
98 0.0 0.3 0.5#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041138.D
Acq: 4 Apr 2024 23:31

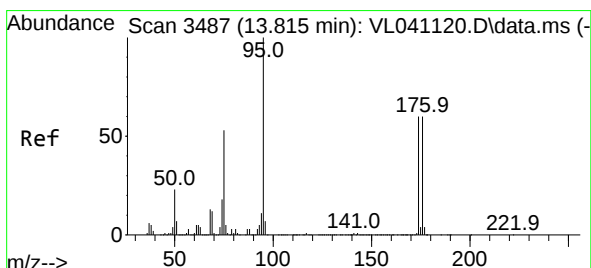
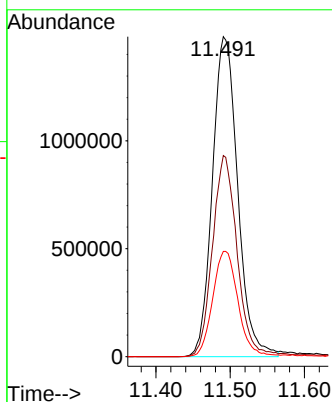
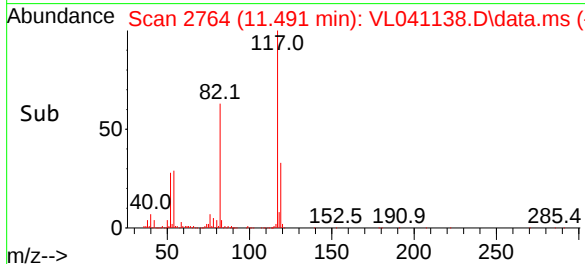
Instrument :
MSVOA_L
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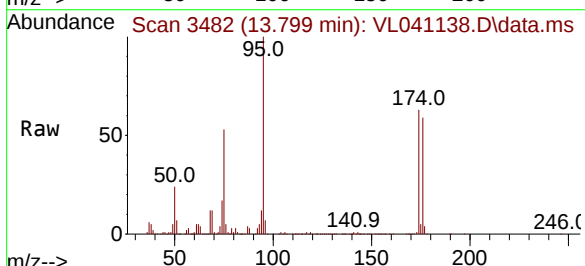
Tgt Ion: 117 Resp: 3507298
Ion Ratio Lower Upper
117 100
82 62.6 51.0 76.6
119 33.5 25.2 37.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 9.518 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. -0.016 min
Lab File: VL041138.D
Acq: 4 Apr 2024 23:31



Tgt Ion: 95 Resp: 2684341
Ion Ratio Lower Upper
95 100
174 64.4 49.3 73.9
175 4.9 3.6 5.4

