

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039410.D
 Acq On : 30 Jun 2022 00:25
 Operator : SY/AP
 Sample : N3530-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 05:45:58 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jun 30 05:40:11 2022

QLast Update : Thu Jun 30 05:40:11 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1181936	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	3409185	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	2955599	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2250740	10.265	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	20970	0.310	ppbv #	74
13) Ethanol	3.607	45	98817m	25.152	ppbv	
15) Acetone	3.848	43	125820m	0.900	ppbv	
19) Isopropyl Alcohol	3.976	45	25761m	0.345	ppbv	
20) Methylene Chloride	4.333	84	14800	0.266	ppbv	88

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

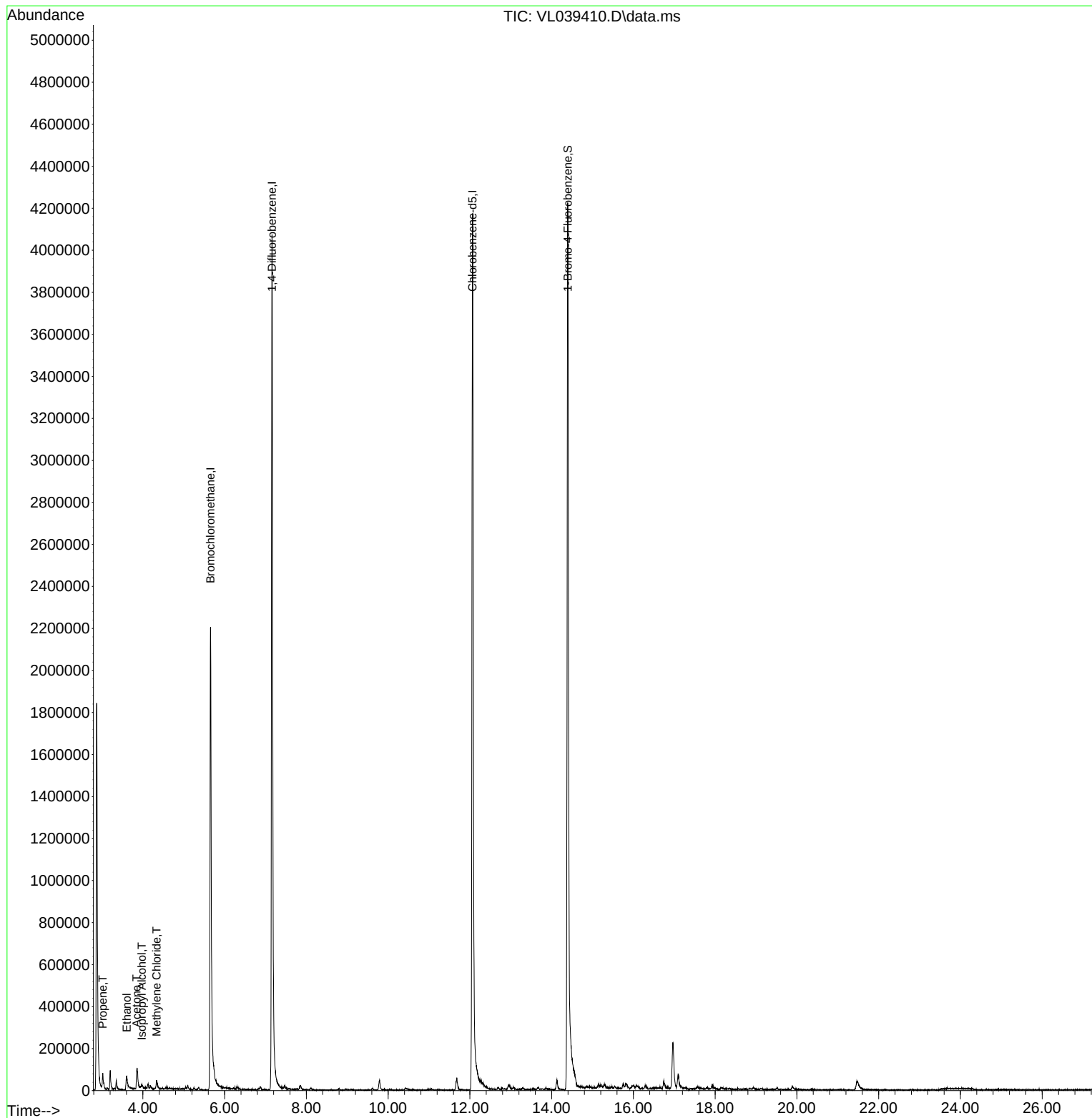
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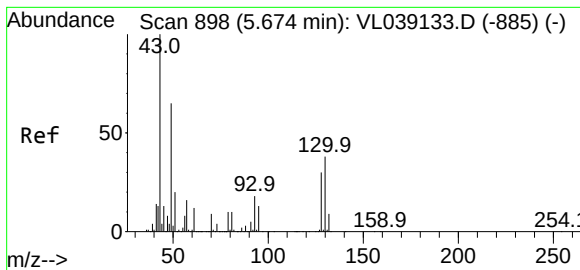
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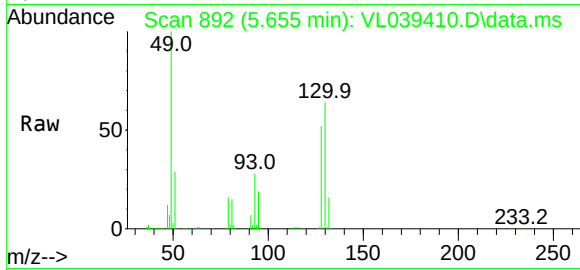
Quant Time: Jun 30 05:45:58 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun
QLast Update : Thu Jun 30 05:40:11 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL039410.D
Acq: 30 Jun 2022 00:25

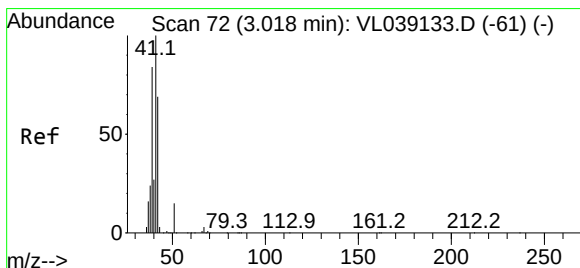
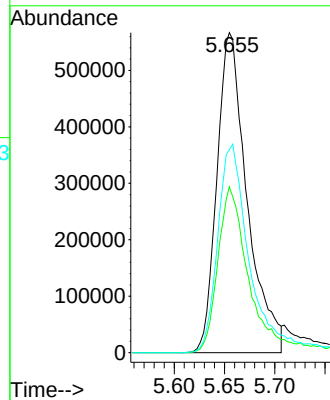
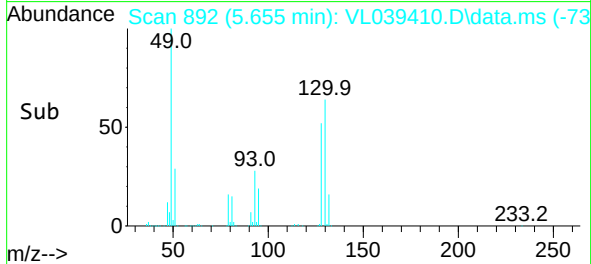
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 1181930
Ion Ratio Lower Upper
49 100
128 56.1 26.7 80.0
130 71.7 34.3 102.8

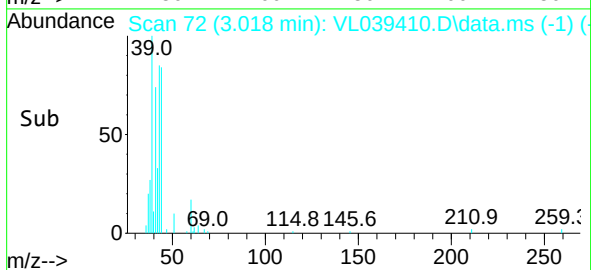
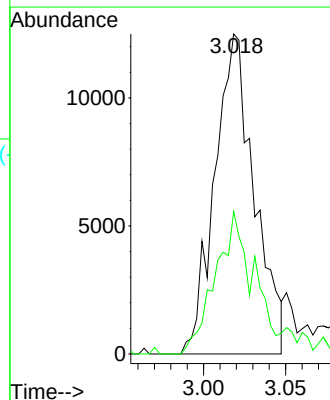
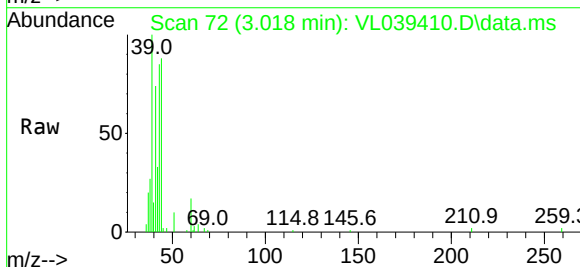
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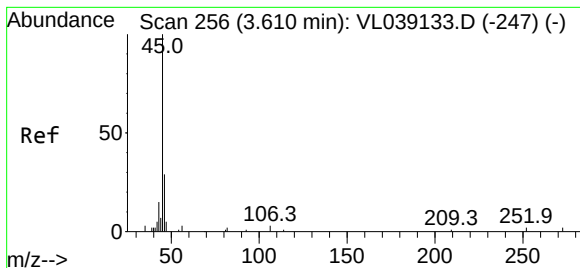
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#9
Propene
Concen: 0.310 ppbv
RT: 3.018 min Scan# 72
Delta R.T. 0.016 min
Lab File: VL039410.D
Acq: 30 Jun 2022 00:25

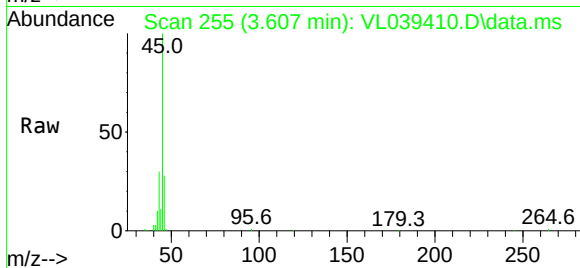
Tgt Ion: 41 Resp: 20970
Ion Ratio Lower Upper
41 100
42 48.2 55.2 82.8





#13
Ethanol
Concen: 25.152 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039410.D
Acq: 30 Jun 2022 00:25

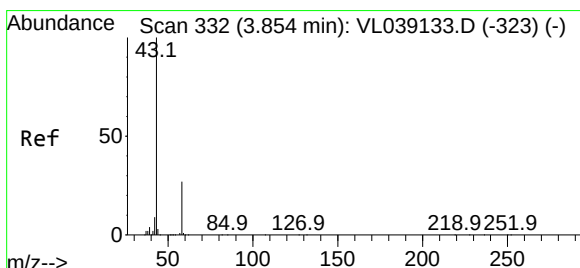
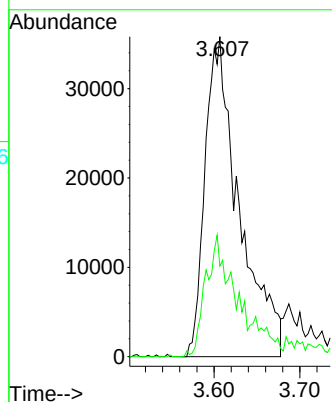
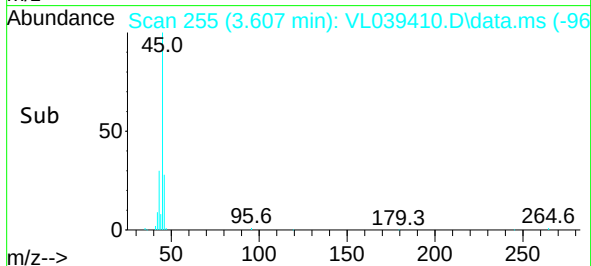
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 45 Resp: 9881
Ion Ratio Lower Upper
45 100
46 40.8 22.8 91.2

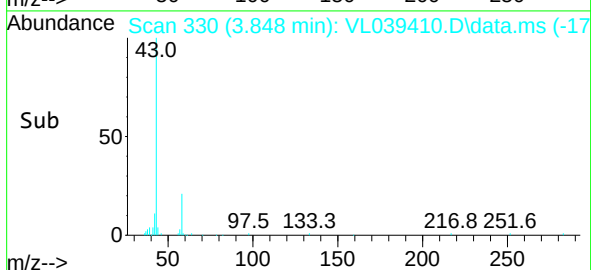
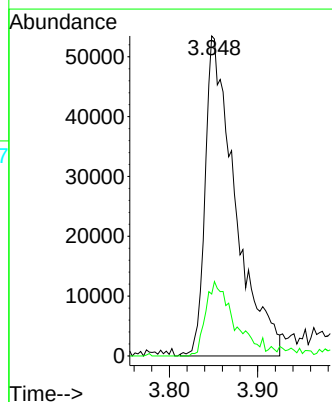
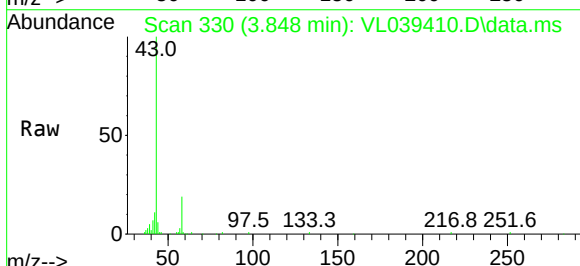
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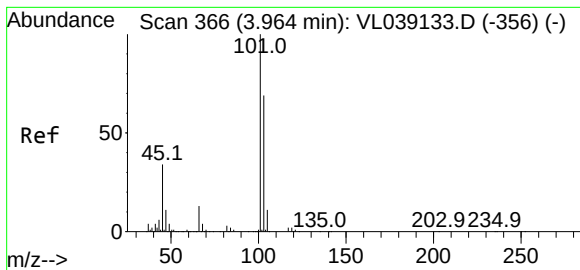
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Supervised By :Mahesh Dadoda 07/01/2022



#15
Acetone
Concen: 0.900 ppbv m
RT: 3.848 min Scan# 330
Delta R.T. 0.013 min
Lab File: VL039410.D
Acq: 30 Jun 2022 00:25

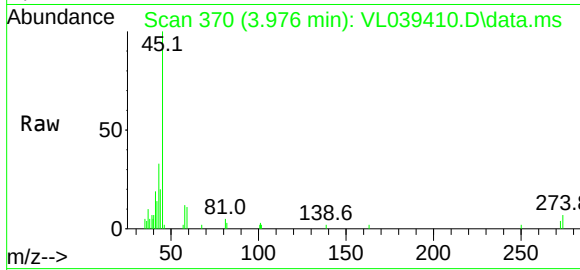
Tgt Ion: 43 Resp: 125820
Ion Ratio Lower Upper
43 100
58 24.8 21.0 31.6





#19
Isopropyl Alcohol
Concen: 0.345 ppbv
RT: 3.976 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039410.D
Acq: 30 Jun 2022 00:25

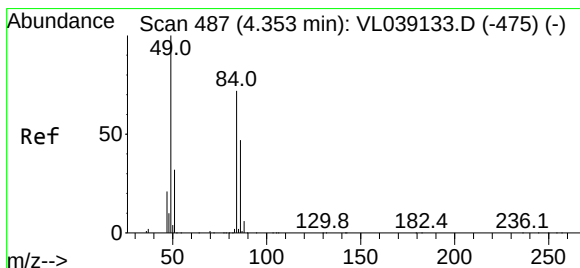
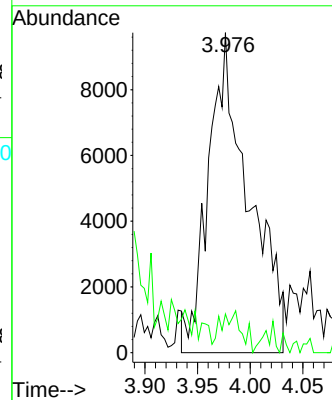
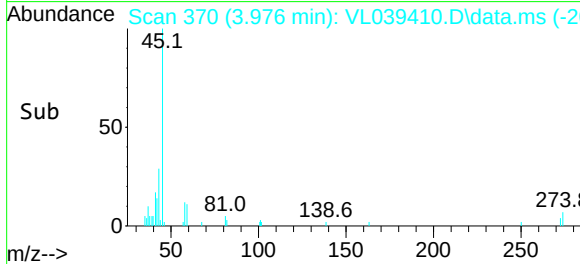
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



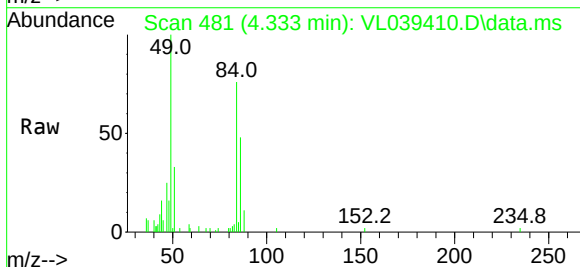
Tgt Ion: 45 Resp: 2576
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

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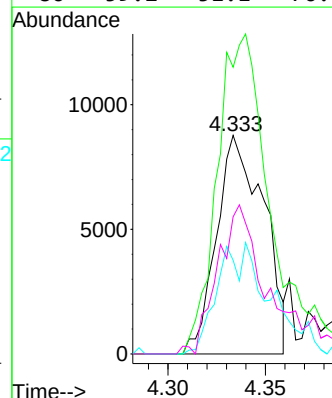
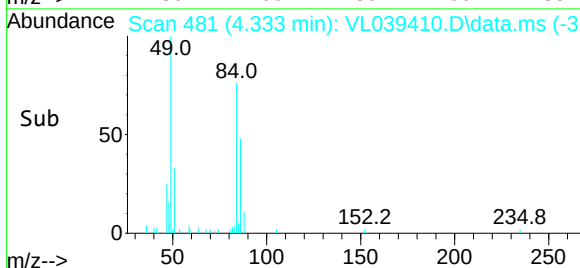
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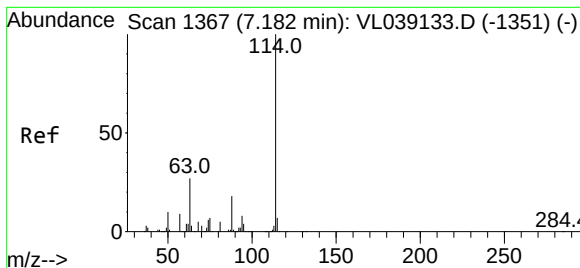


#20
Methylene Chloride
Concen: 0.266 ppbv
RT: 4.333 min Scan# 481
Delta R.T. 0.003 min
Lab File: VL039410.D
Acq: 30 Jun 2022 00:25



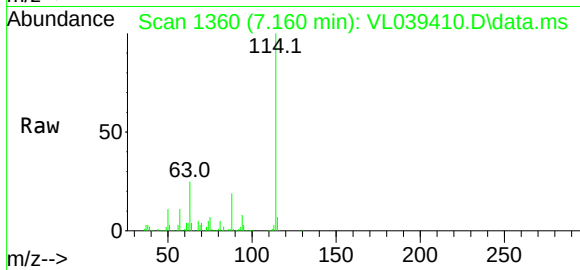
Tgt Ion: 84 Resp: 14800
Ion Ratio Lower Upper
84 100
49 131.2 123.1 184.7
51 42.9 34.4 51.6
86 59.2 51.1 76.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039410.D
Acq: 30 Jun 2022 00:25

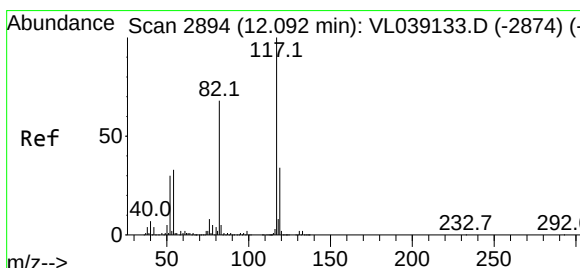
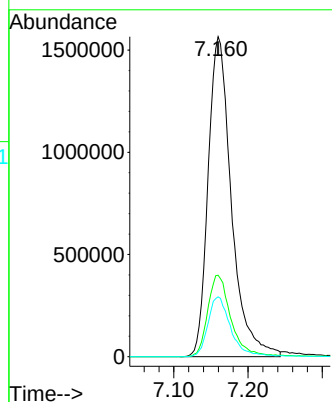
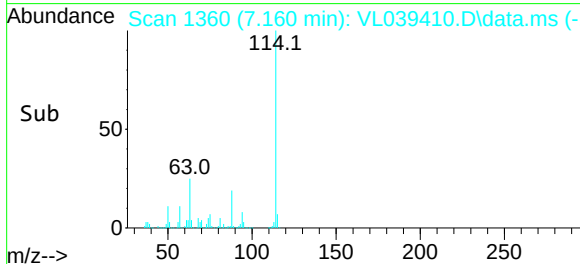
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



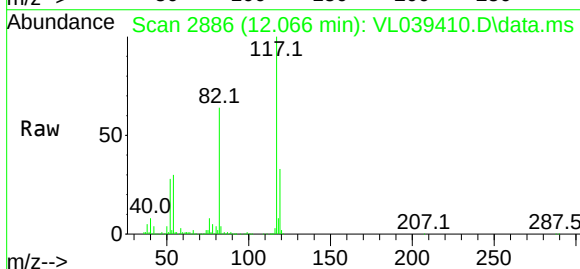
Tgt Ion:114 Resp: 340918
Ion Ratio Lower Upper
114 100
63 25.7 20.2 30.4
88 18.6 14.5 21.7

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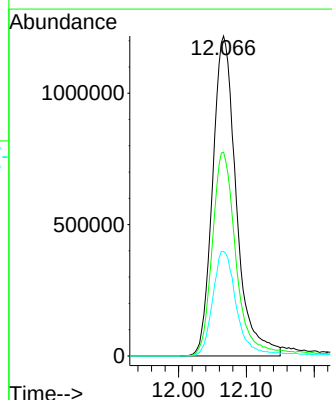
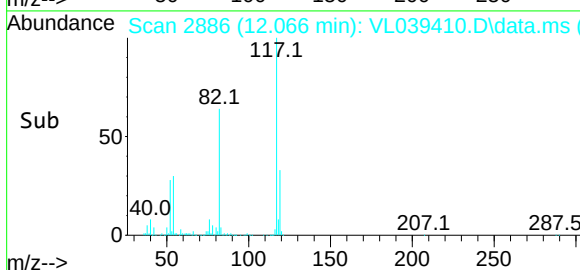
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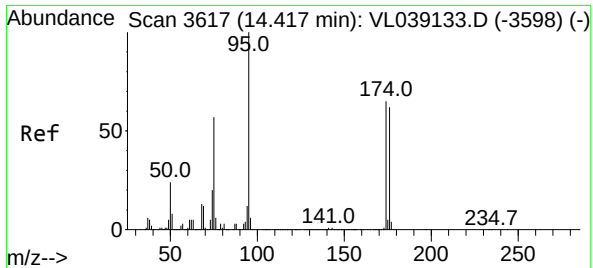


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.000 min
Lab File: VL039410.D
Acq: 30 Jun 2022 00:25



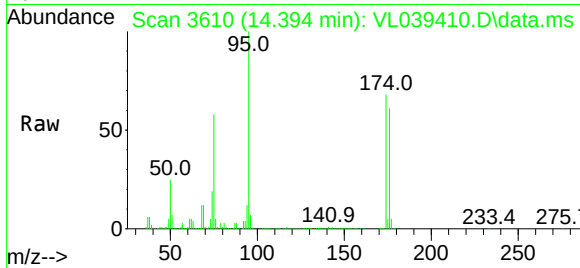
Tgt Ion:117 Resp: 2955599
Ion Ratio Lower Upper
117 100
82 65.7 50.8 76.2
119 33.5 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.265 ppbv
 RT: 14.394 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL039410.D
 Acq: 30 Jun 2022 00:25

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL



Tgt Ion: 95 Resp: 2250740

Ion	Ratio	Lower	Upper
95	100		
174	70.1	55.9	83.9
175	4.9	4.2	6.4

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