

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039837.D
 Acq On : 7 Nov 2022 13:01
 Operator : SY/AP
 Sample : N5409-01DL2 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 06:13:18 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1063163	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2756251	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2530321	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1991958	10.518	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%
Target Compounds						Qvalue
4) Chloromethane	2.829	50	258871	3.280	ppbv	99
9) Propene	2.710	41	492694	7.461	ppbv	95
10) Heptane	7.578	43	1393792	8.810	ppbv	100
13) Ethanol	3.269	45	10523m	2.255	ppbv	
15) Acetone	3.488	43	233222	1.802	ppbv	99
20) Methylene Chloride	3.944	84	1126615	24.335	ppbv	95
26) Hexane	5.218	57	1256646	10.573	ppbv #	37
30) Cyclohexane	6.603	84	452784	4.556	ppbv	97
36) Benzene	6.369	78	2169941	9.333	ppbv	99
39) 1,2-Dichloropropane	7.073	63	563833	6.224	ppbv	98
49) Bromoform	12.397	173	777035	6.185	ppbv	98
57) Chlorobenzene	11.520	112	803585	4.187	ppbv	93
59) m/p-Xylene	12.368	91	1790237	6.269	ppbv	93
60) o-Xylene	13.053	91	1966186	7.267	ppbv	99

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

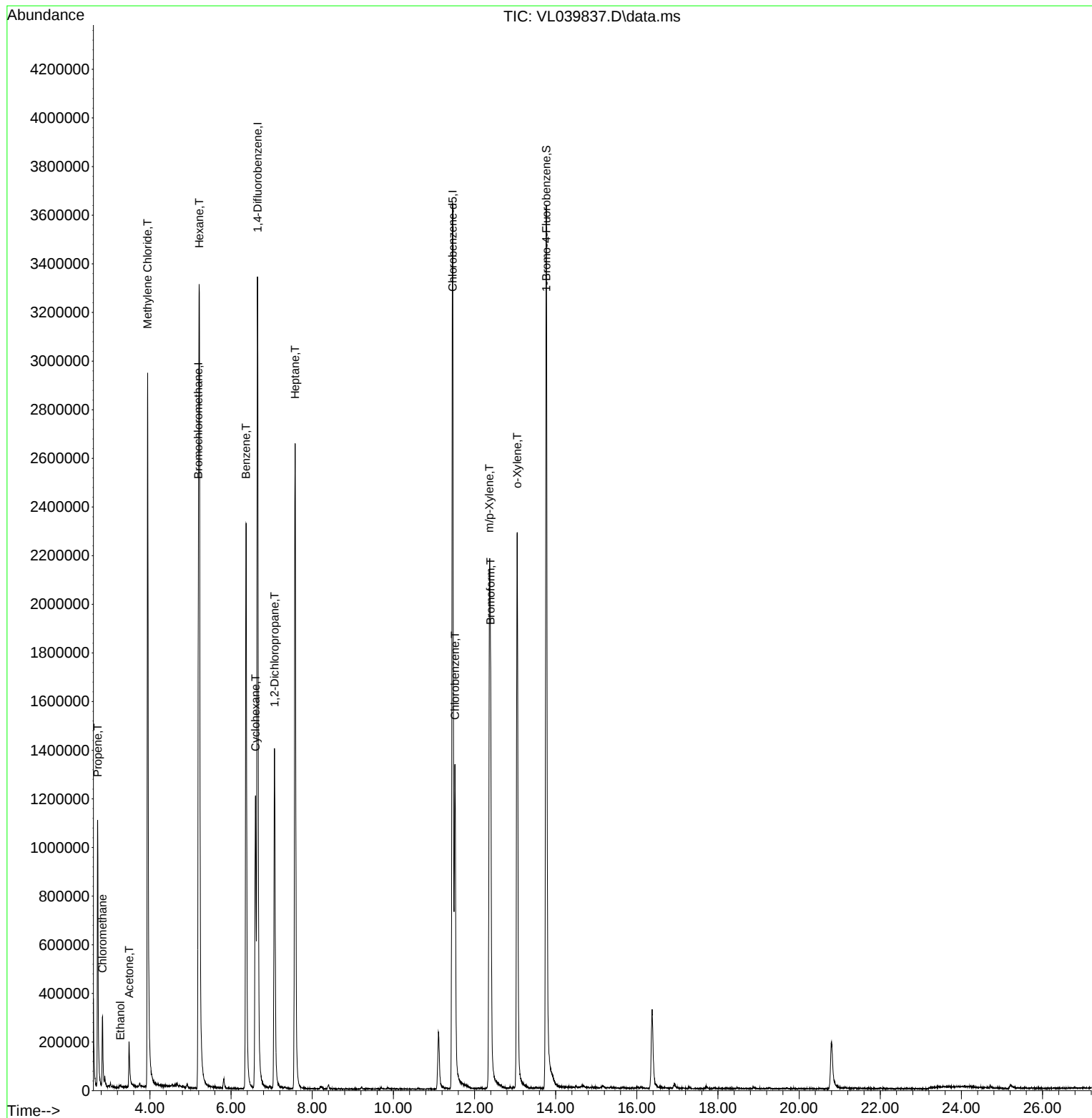
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
Data File : VL039837.D
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Misc : 400mL/MSVOA_L
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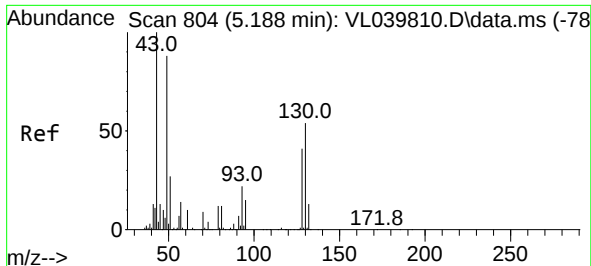
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL2

Quant Time: Nov 08 06:13:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Manual Integrations
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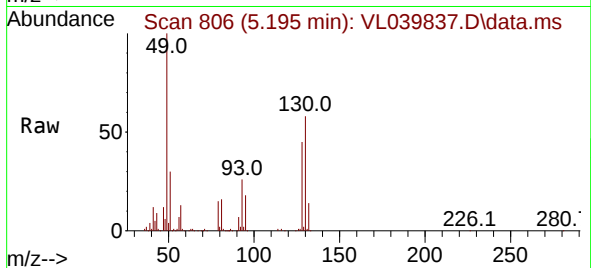
Reviewed By : Semsettin Yesilyurt 11/08/2022
Supervised By : Mahesh Dadoda 11/09/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

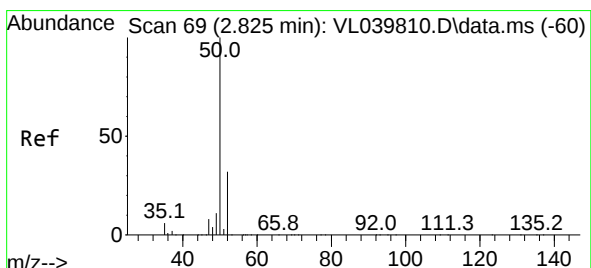
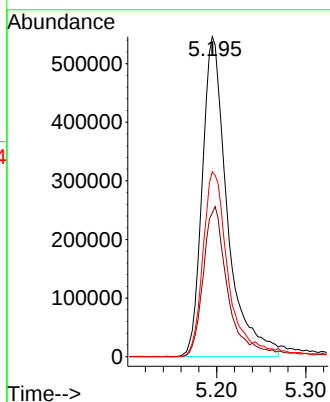
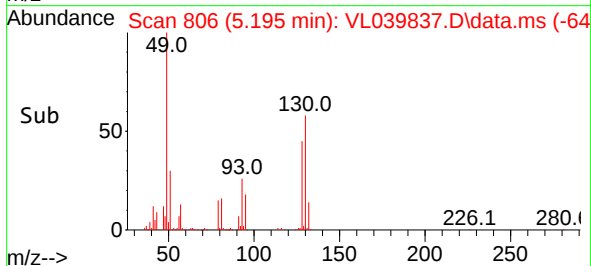
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL2



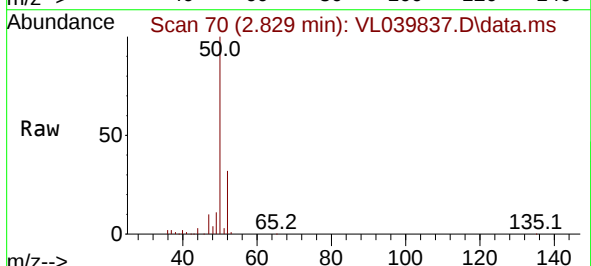
Tgt Ion: 49 Resp: 106316
Ion Ratio Lower Upper
49 100
128 48.2 24.6 73.6
130 60.6 31.1 93.2

Manual Integrations
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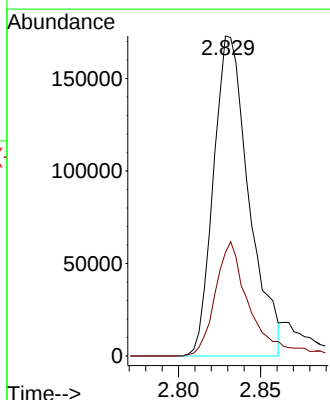
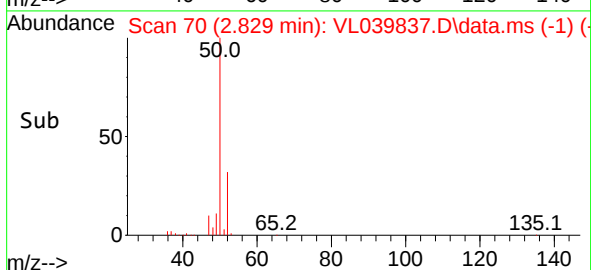
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

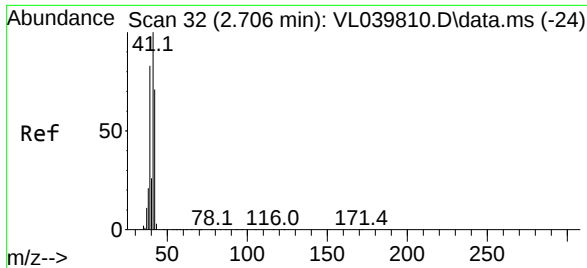


#4
Chloromethane
Concen: 3.280 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01



Tgt Ion: 50 Resp: 258871
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3





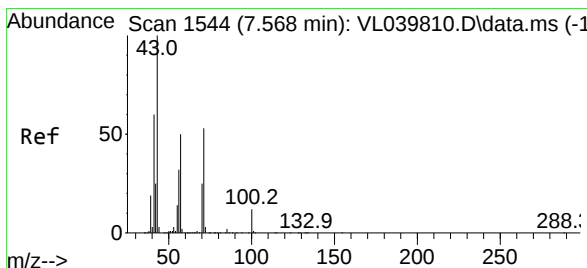
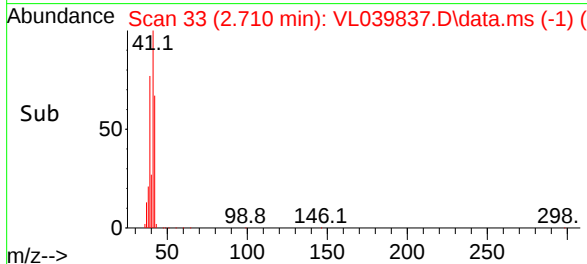
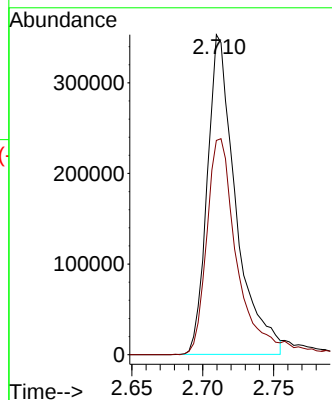
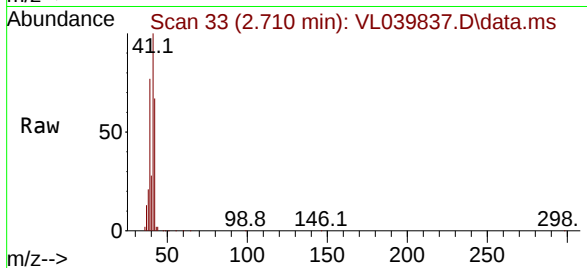
#9
 Propene
 Concen: 7.461 ppbv
 RT: 2.710 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL039837.D
 Acq: 7 Nov 2022 13:01

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100DL2

Tgt Ion: 41 Resp: 492694
 Ion Ratio Lower Upper
 41 100
 42 74.6 56.3 84.5

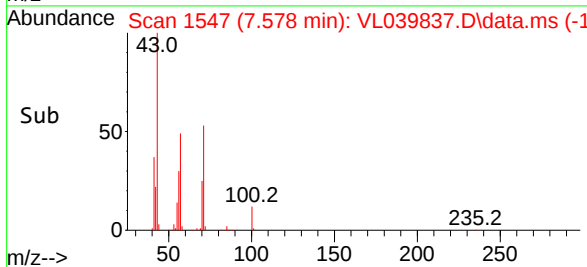
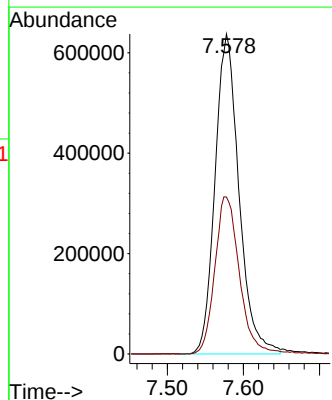
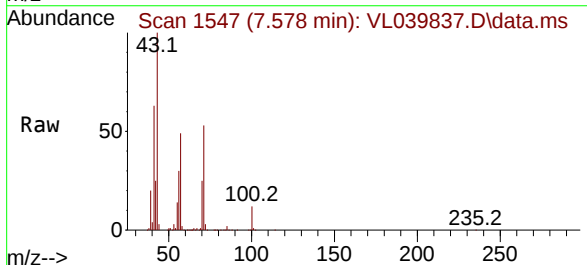
Manual Integrations
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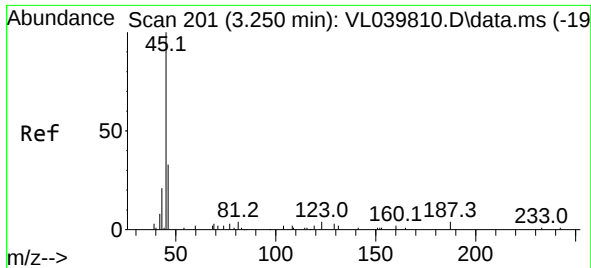
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#10
 Heptane
 Concen: 8.810 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.010 min
 Lab File: VL039837.D
 Acq: 7 Nov 2022 13:01

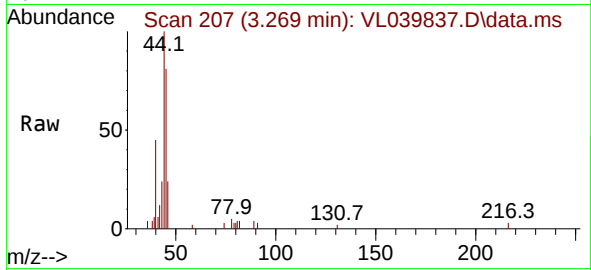
Tgt Ion: 43 Resp: 1393792
 Ion Ratio Lower Upper
 43 100
 57 50.9 40.5 60.7





#13
Ethanol
Concen: 2.255 ppbv m
RT: 3.269 min Scan# 201
Delta R.T. 0.019 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

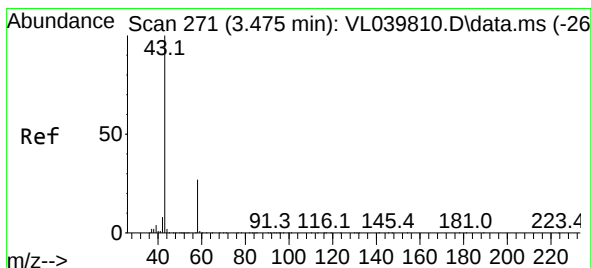
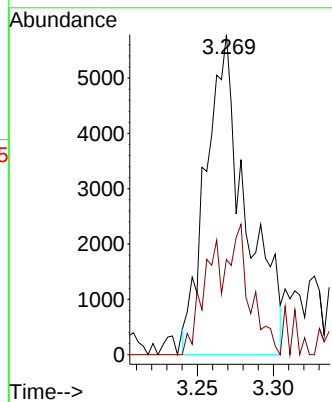
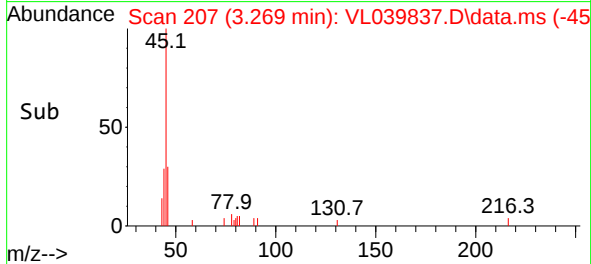
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL2



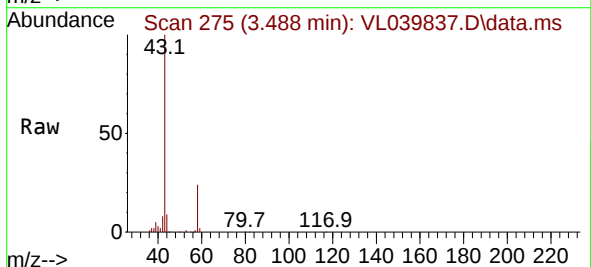
Tgt Ion: 45 Resp: 1052
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9

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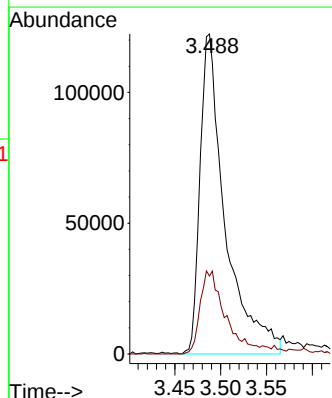
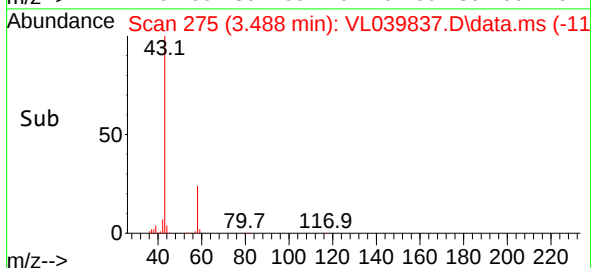
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

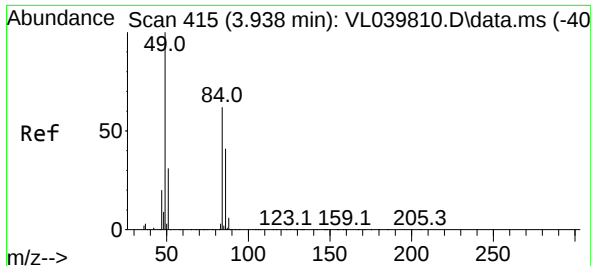


#15
Acetone
Concen: 1.802 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.013 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01



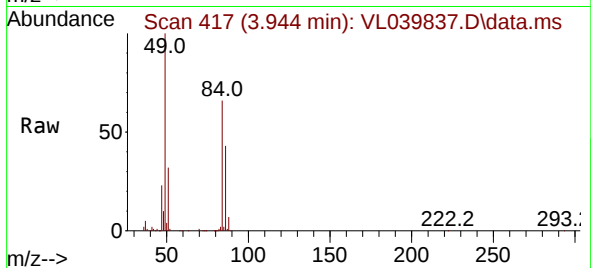
Tgt Ion: 43 Resp: 233222
Ion Ratio Lower Upper
43 100
58 29.4 23.2 34.8





#20
Methylene Chloride
Concen: 24.335 ppbv
RT: 3.944 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL2

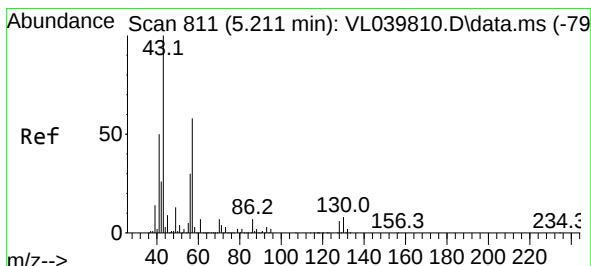
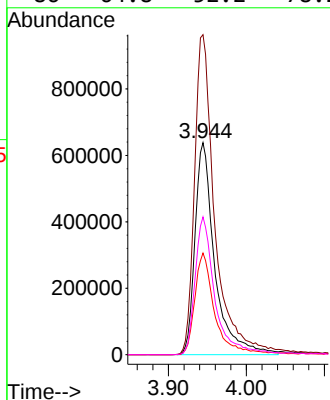
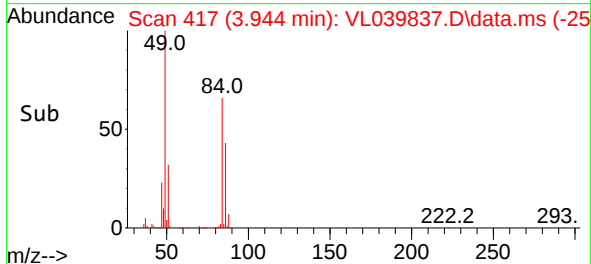


Tgt Ion: 84 Resp: 112661

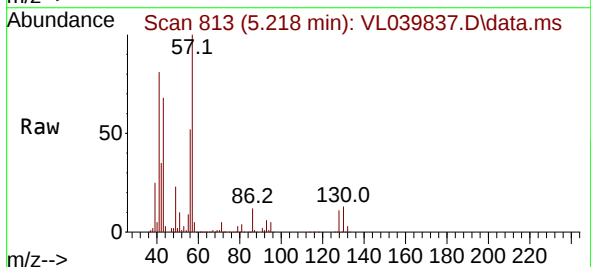
Ion	Ratio	Lower	Upper
84	100		
49	150.8	128.6	192.8
51	47.9	40.2	60.4
86	64.8	52.2	78.2

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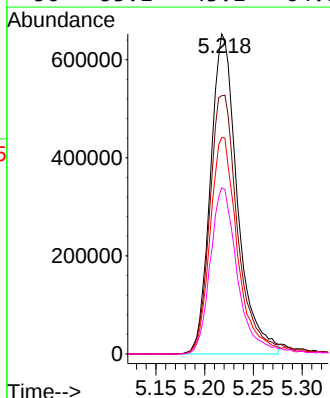
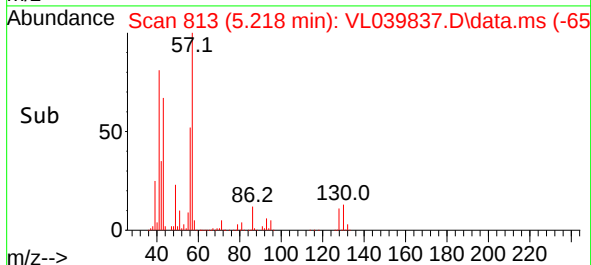


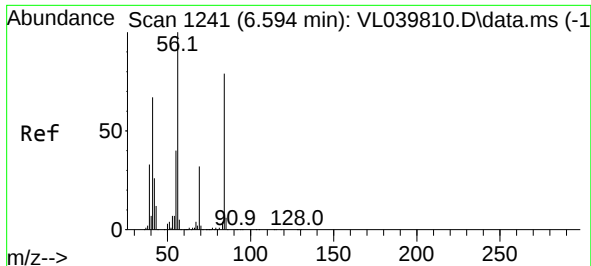
#26
Hexane
Concen: 10.573 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01



Tgt Ion: 57 Resp: 1256646

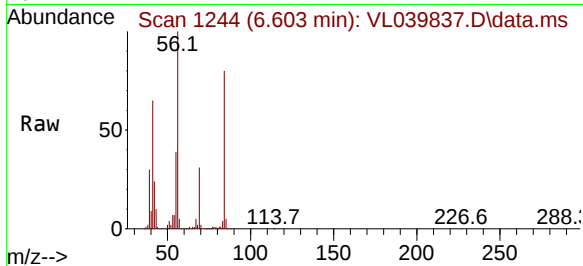
Ion	Ratio	Lower	Upper
57	100		
41	86.6	73.7	110.5
43	70.3	189.8	284.8#
56	53.1	43.1	64.7





#30
Cyclohexane
Concen: 4.556 ppbv
RT: 6.603 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

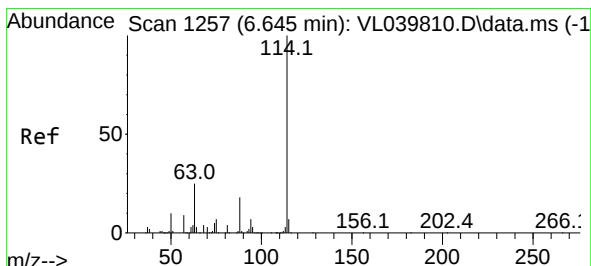
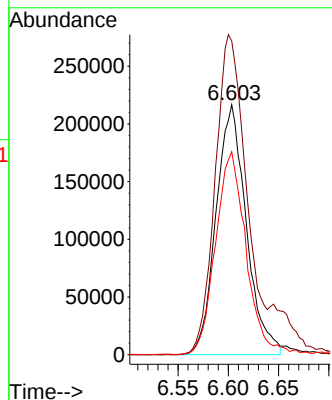
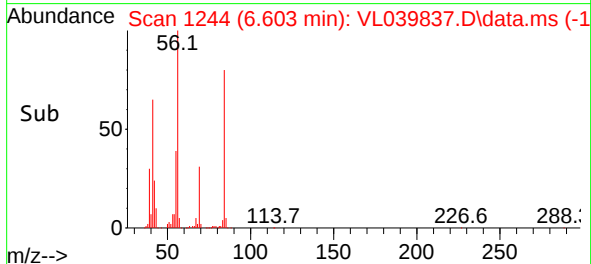
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL2



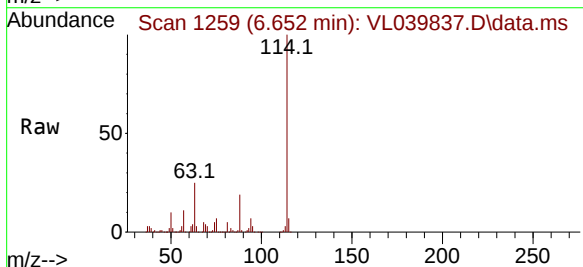
Tgt Ion: 84 Resp: 452784
Ion Ratio Lower Upper
84 100
56 148.0 114.8 172.2
41 83.2 68.6 103.0

Manual Integrations
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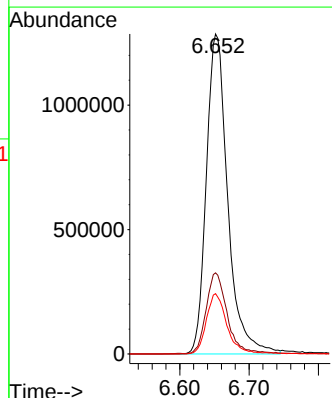
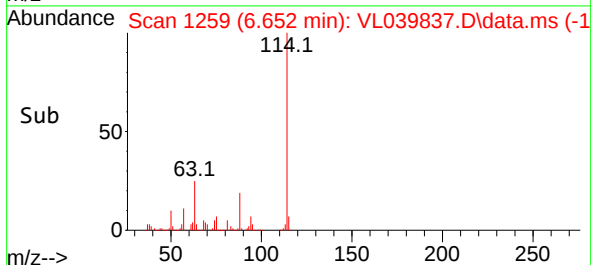
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

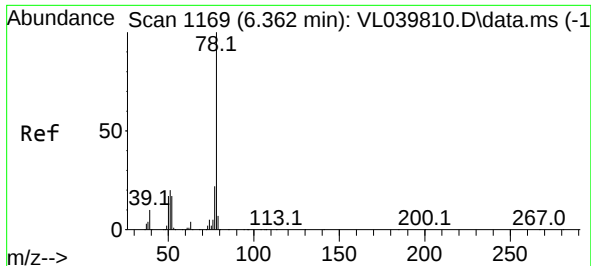


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.007 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01



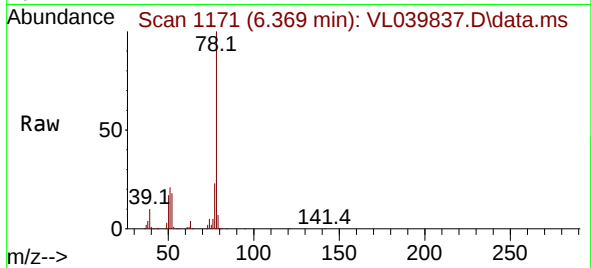
Tgt Ion:114 Resp: 2756251
Ion Ratio Lower Upper
114 100
63 25.4 19.8 29.6
88 18.4 14.4 21.6





#36
Benzene
Concen: 9.333 ppbv
RT: 6.369 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

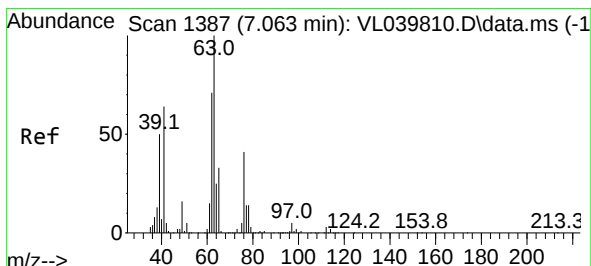
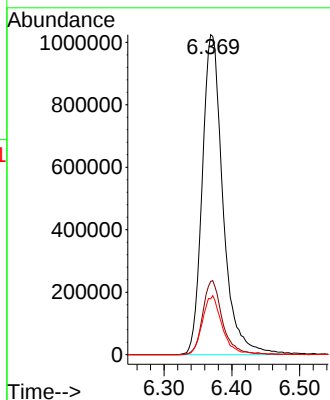
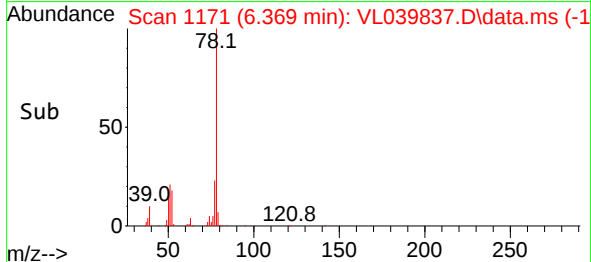
Instrument :
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E062-1100DL2



Tgt Ion: 78 Resp: 216994
Ion Ratio Lower Upper
78 100
77 22.9 17.4 26.2
50 17.5 13.9 20.9

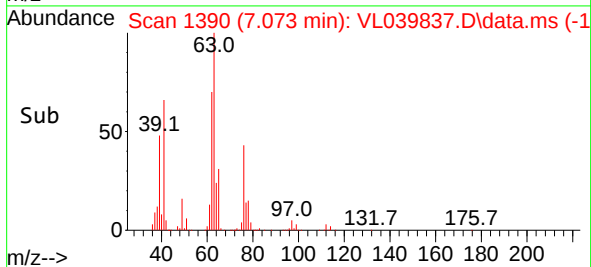
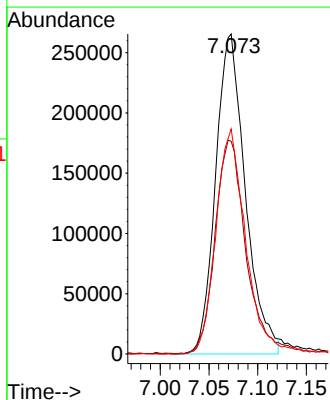
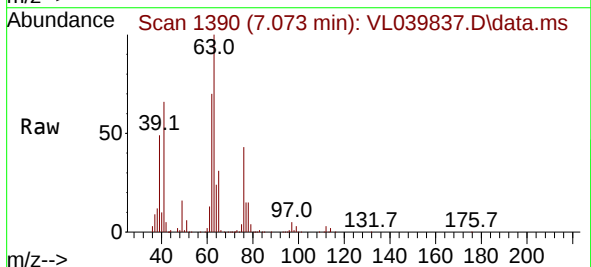
Manual Integrations
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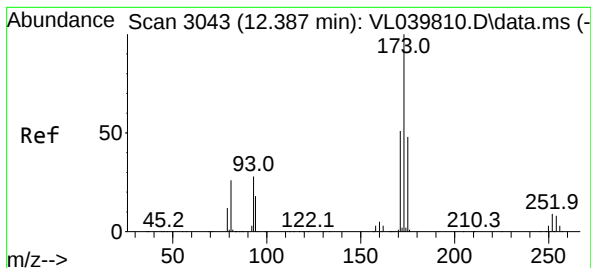
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#39
1,2-Dichloropropane
Concen: 6.224 ppbv
RT: 7.073 min Scan# 1390
Delta R.T. 0.010 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

Tgt Ion: 63 Resp: 563833
Ion Ratio Lower Upper
63 100
41 66.4 51.0 76.4
62 70.3 56.6 85.0





#49

Bromoform

Concen: 6.185 ppbv

RT: 12.397 min Scan# 3043

Delta R.T. 0.010 min

Lab File: VL039837.D

Acq: 7 Nov 2022 13:01

Instrument :

MSVOA_L

ClientSampleId :

E062-1100DL2

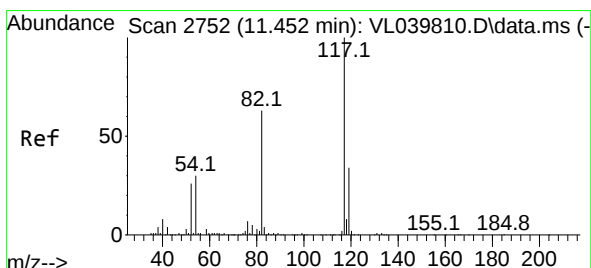
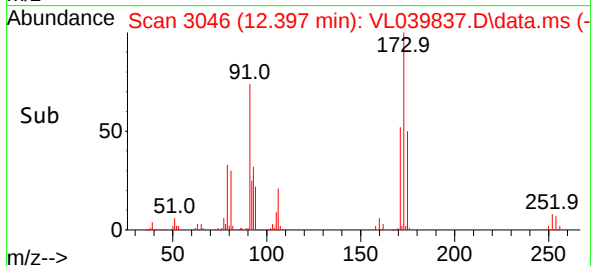
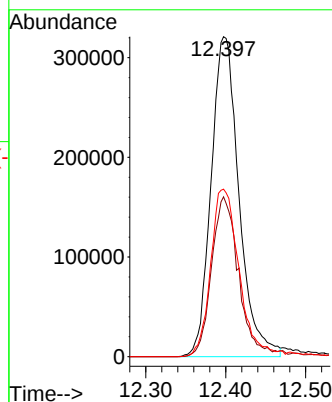
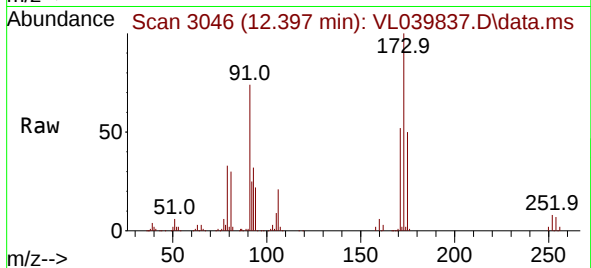
Tgt Ion:173 Resp: 777035

Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.7	59.5
171	55.0	41.7	62.5

Manual Integrations

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Supervised By :Mahesh Dadoda 11/09/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

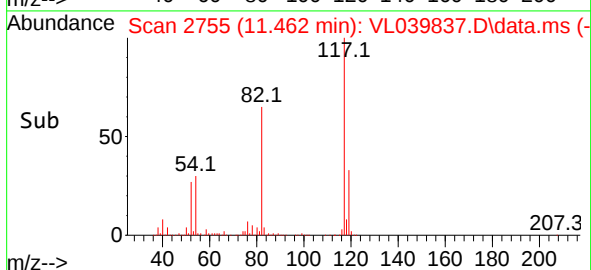
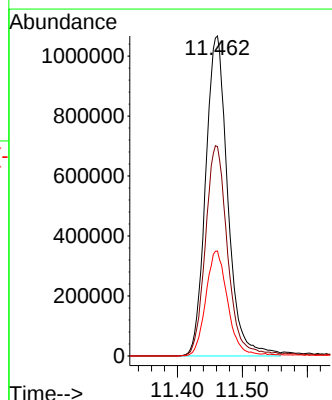
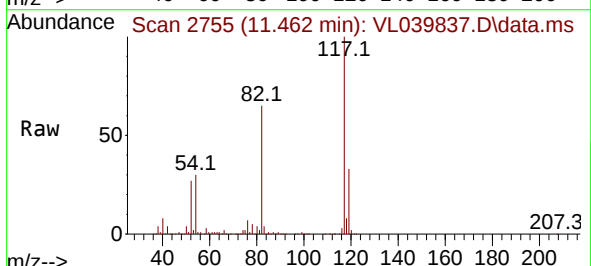
Delta R.T. 0.010 min

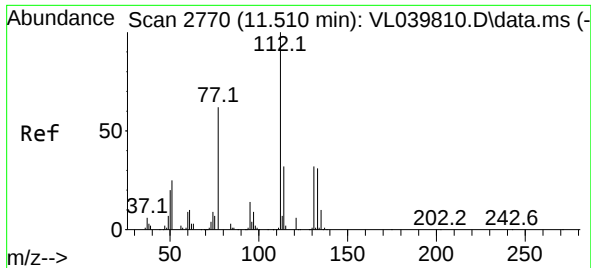
Lab File: VL039837.D

Acq: 7 Nov 2022 13:01

Tgt Ion:117 Resp: 2530321

Ion	Ratio	Lower	Upper
117	100		
82	67.4	51.0	76.6
119	33.4	24.7	37.1





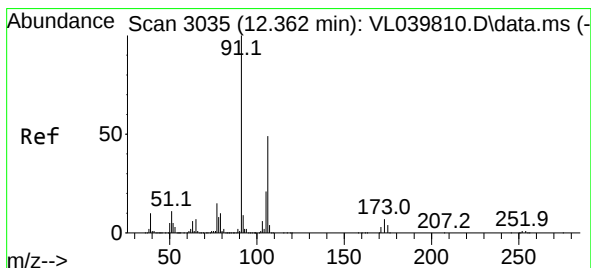
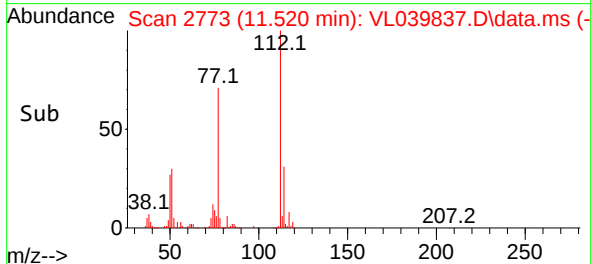
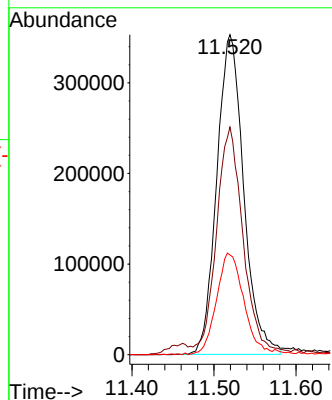
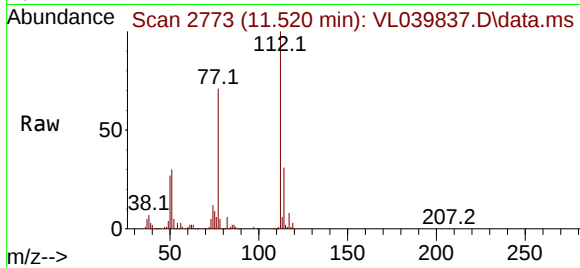
#57
Chlorobenzene
Concen: 4.187 ppbv
RT: 11.520 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL2

Tgt Ion:112 Resp: 80358
Ion Ratio Lower Upper
112 100
77 69.0 49.8 74.6
114 31.1 29.0 35.4

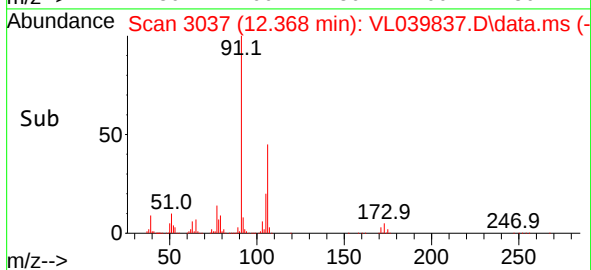
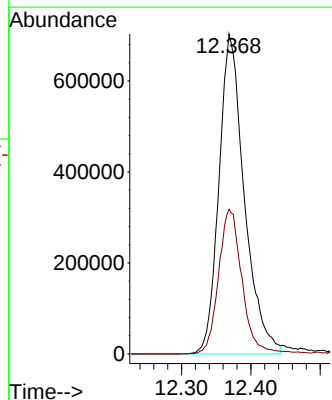
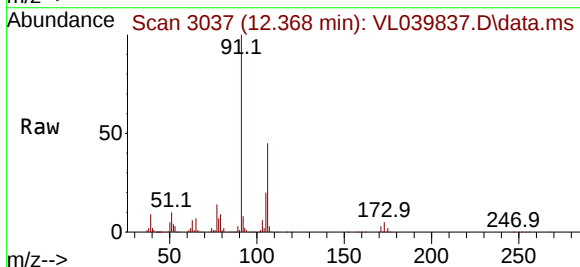
Manual Integrations
APPROVED

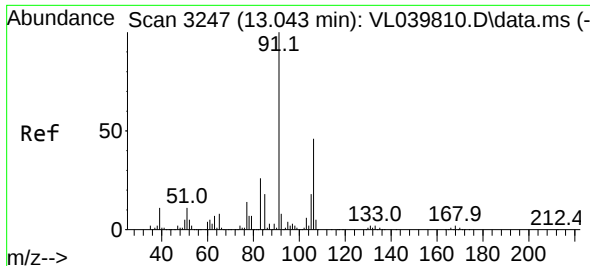
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#59
m/p-Xylene
Concen: 6.269 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. 0.007 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

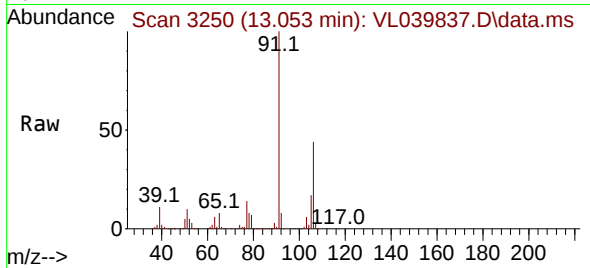
Tgt Ion: 91 Resp: 1790237
Ion Ratio Lower Upper
91 100
106 42.4 37.6 56.4





#60
o-Xylene
Concen: 7.267 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

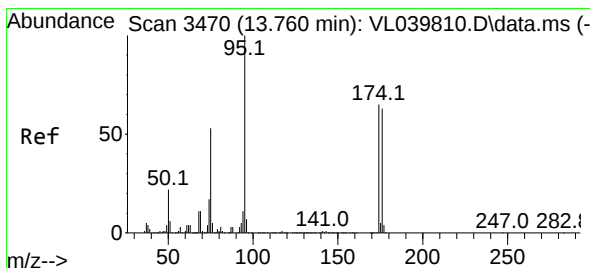
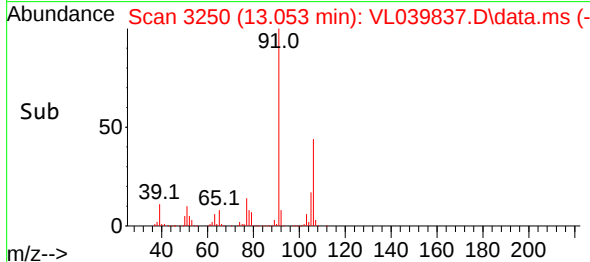
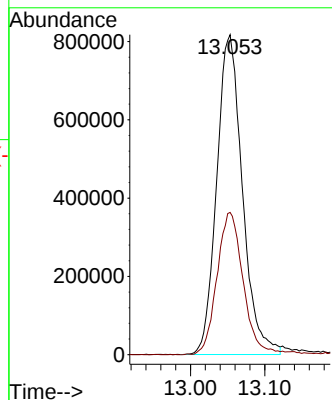
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL2



Tgt Ion: 91 Resp: 1966180
Ion Ratio Lower Upper
91 100
106 46.4 23.6 70.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.518 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.010 min
Lab File: VL039837.D
Acq: 7 Nov 2022 13:01

Tgt Ion: 95 Resp: 1991958
Ion Ratio Lower Upper
95 100
174 63.7 53.4 80.0
175 4.6 4.1 6.1

