

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039836.D
 Acq On : 7 Nov 2022 12:22
 Operator : SY/AP
 Sample : N5409-01DL 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 06:13:00 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	1023798	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2805109	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2607776	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2028603	10.393	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.900%	
Target Compounds						
						Qvalue
4) Chloromethane	2.832	50	601501	7.915	ppbv	98
9) Propene	2.713	41	1061327	16.689	ppbv	98
10) Heptane	7.581	43	2910664	19.106	ppbv	100
13) Ethanol	3.272	45	18702m	4.161	ppbv	
15) Acetone	3.488	43	388523	3.118	ppbv	99
20) Methylene Chloride	3.944	84	1788231	40.111	ppbv	95
26) Hexane	5.218	57	2235459	19.532	ppbv #	37
30) Cyclohexane	6.603	84	987983	10.323	ppbv	95
36) Benzene	6.372	78	4497958	19.009	ppbv	96
39) 1,2-Dichloropropane	7.073	63	1235656	13.403	ppbv	98
49) Bromoform	12.397	173	1772614	13.864	ppbv	99
57) Chlorobenzene	11.520	112	1749723	8.846	ppbv	94
59) m/p-Xylene	12.372	91	3805565	12.930	ppbv	93
60) o-Xylene	13.053	91	4208615	15.093	ppbv	99

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

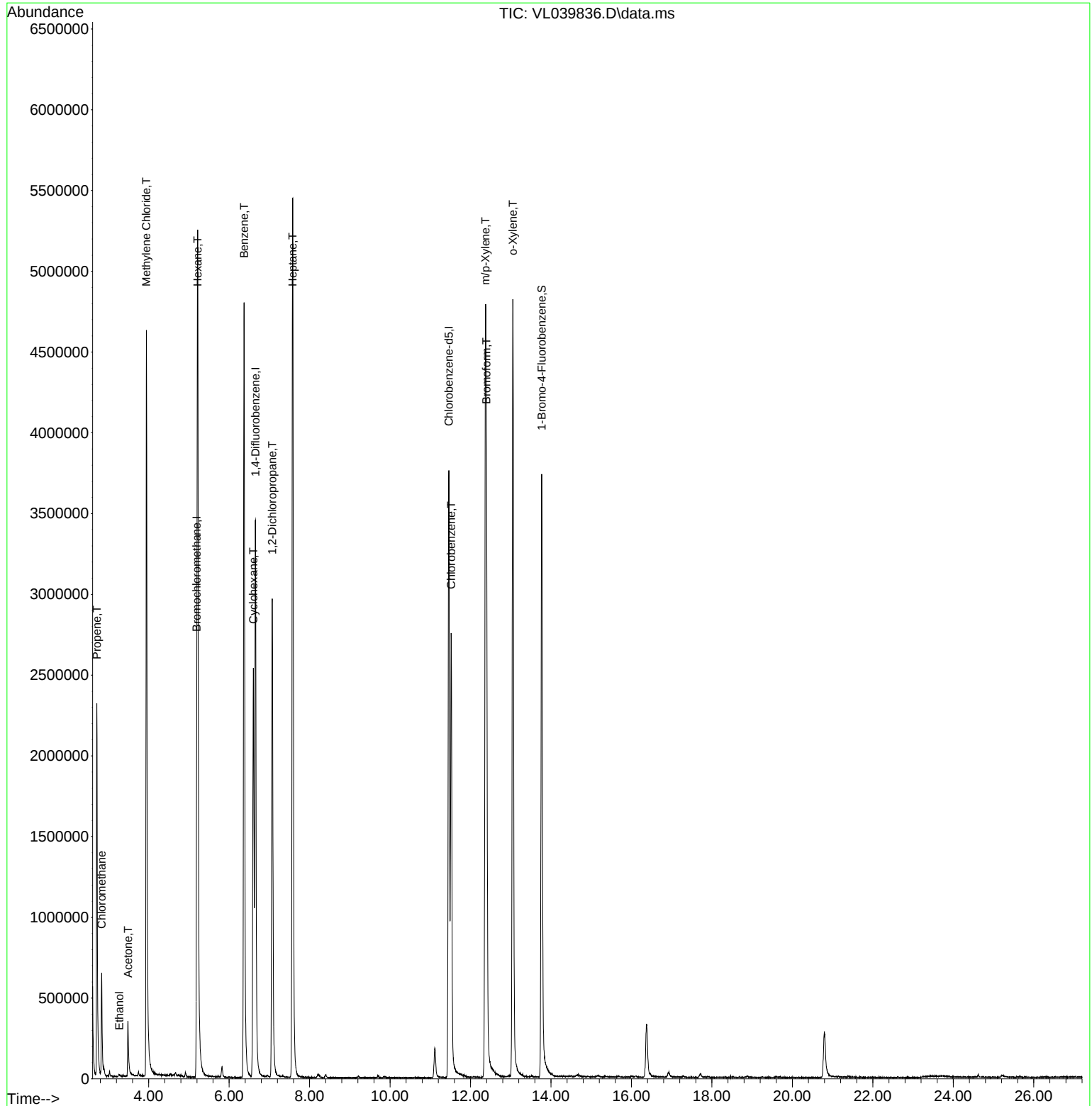
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
Data File : VL039836.D
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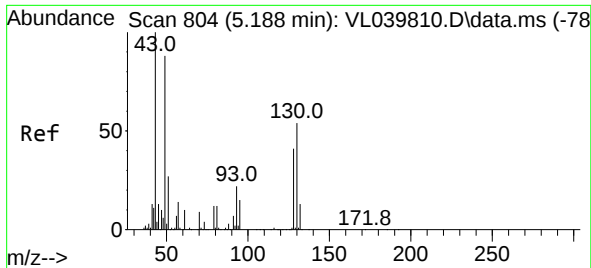
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

Quant Time: Nov 08 06:13:00 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
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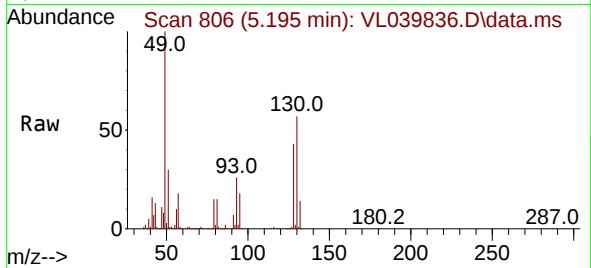
Reviewed By : Semsettin Yesilyurt 11/08/2022
Supervised By : Mahesh Dadoda 11/09/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

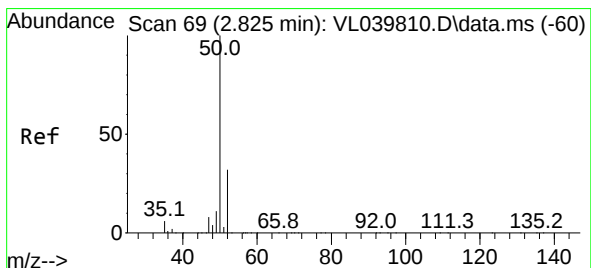
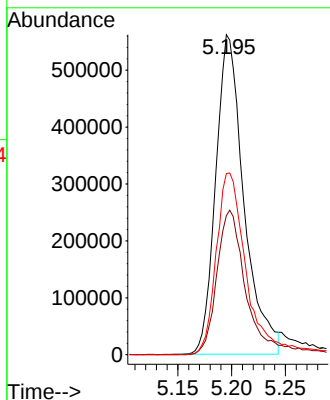
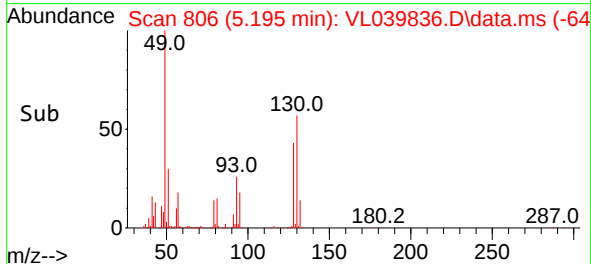
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL



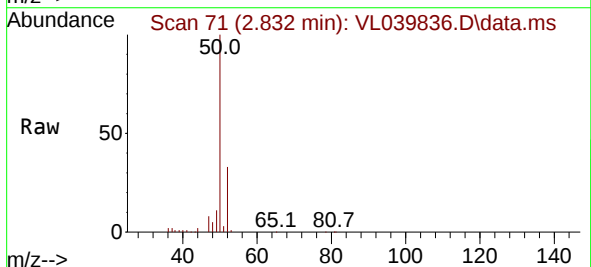
Tgt Ion: 49 Resp: 1023798
Ion Ratio Lower Upper
49 100
128 48.4 24.6 73.6
130 63.5 31.1 93.2

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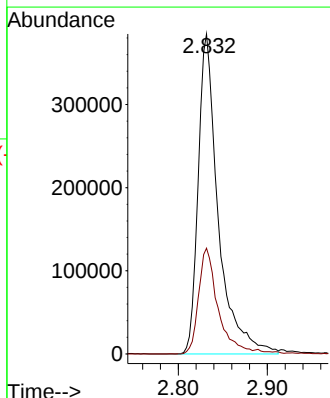
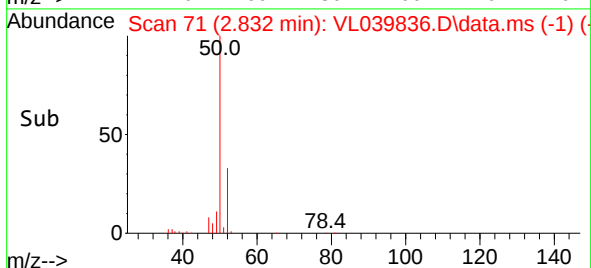
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

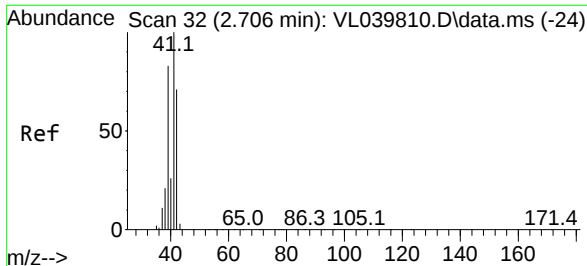


#4
Chloromethane
Concen: 7.915 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22



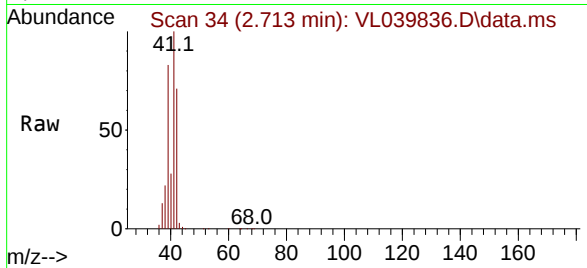
Tgt Ion: 50 Resp: 601501
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3





#9
Propene
Concen: 16.689 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.007 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

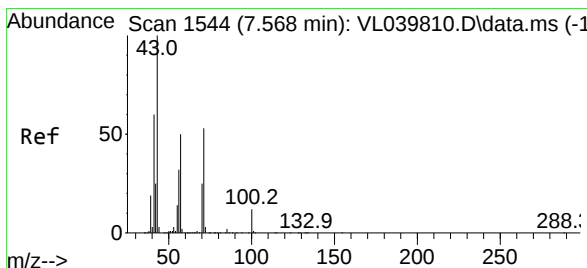
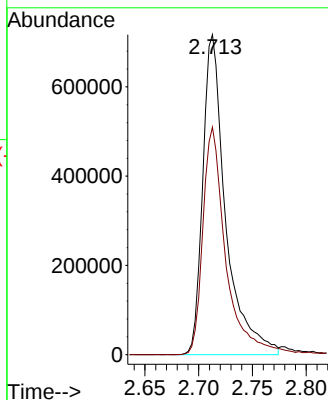
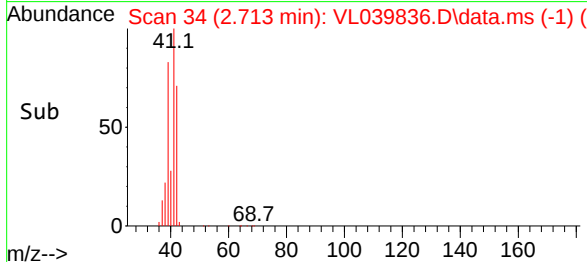
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL



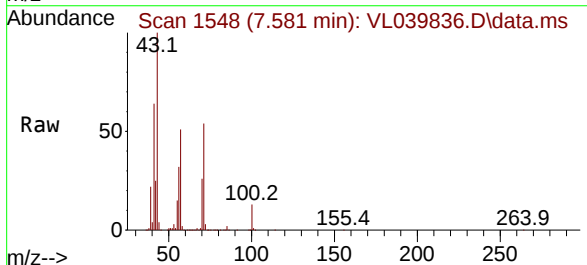
Tgt Ion: 41 Resp: 106132
Ion Ratio Lower Upper
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42 72.3 56.3 84.5

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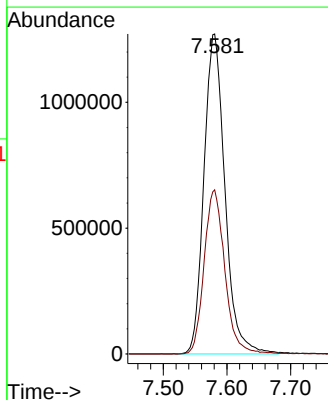
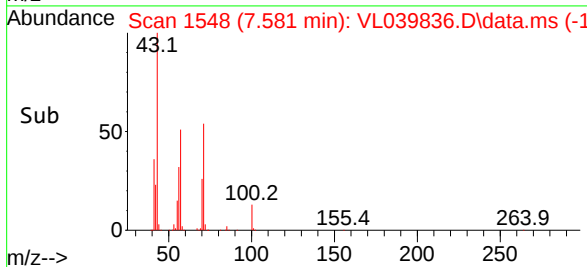
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

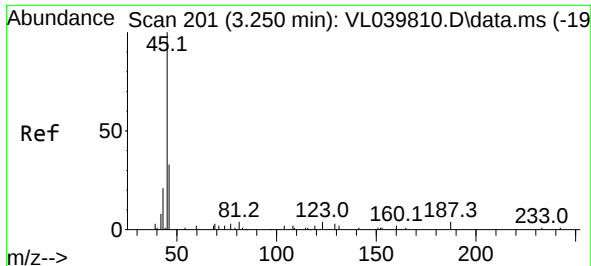


#10
Heptane
Concen: 19.106 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.013 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22



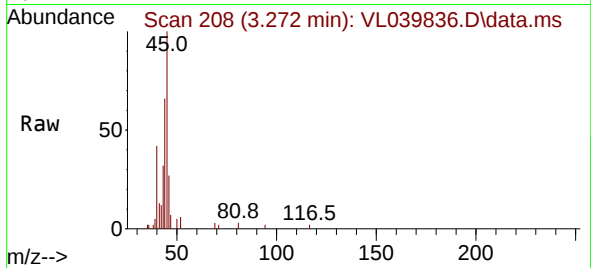
Tgt Ion: 43 Resp: 2910664
Ion Ratio Lower Upper
43 100
57 50.8 40.5 60.7





#13
Ethanol
Concen: 4.161 ppbv m
RT: 3.272 min Scan# 201
Delta R.T. 0.023 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

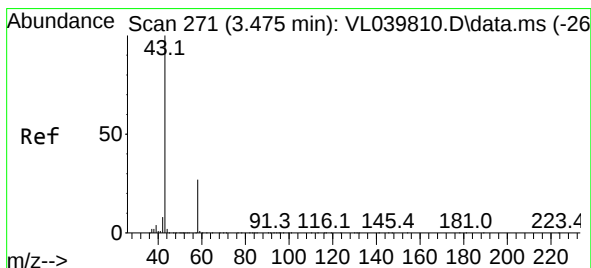
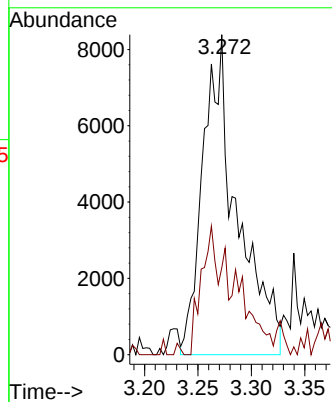
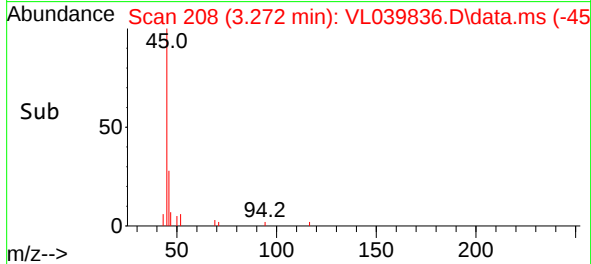
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL



Tgt Ion: 45 Resp: 1870
Ion Ratio Lower Upper
45 100
46 42.7 16.5 65.9

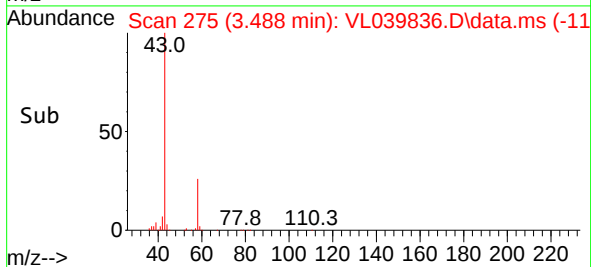
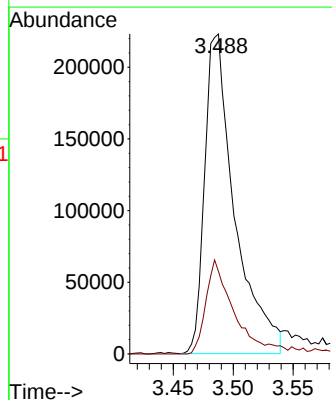
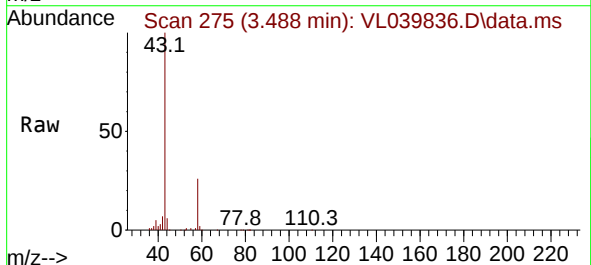
Manual Integrations
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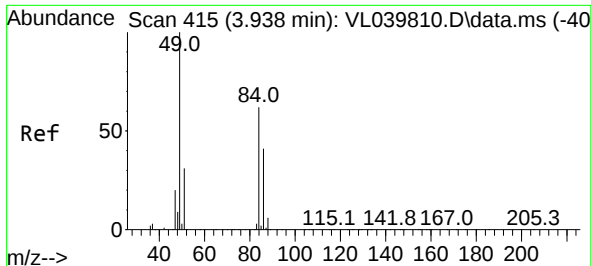
Reviewed By :Semsettin Yesilyurt 11/08/2022
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#15
Acetone
Concen: 3.118 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.013 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

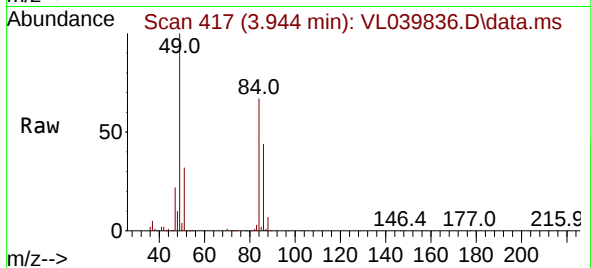
Tgt Ion: 43 Resp: 388523
Ion Ratio Lower Upper
43 100
58 29.7 23.2 34.8





#20
Methylene Chloride
Concen: 40.111 ppbv
RT: 3.944 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

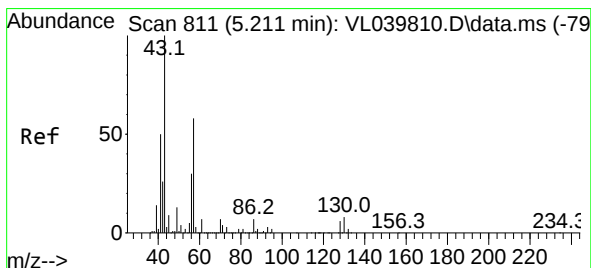
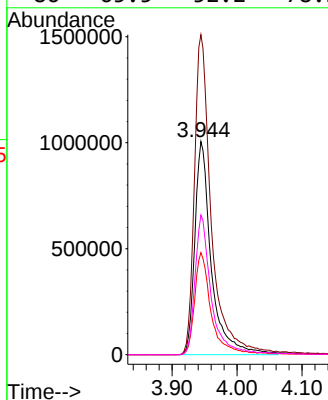
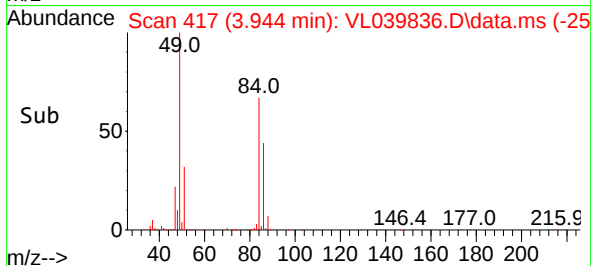


Tgt Ion: 84 Resp: 178823

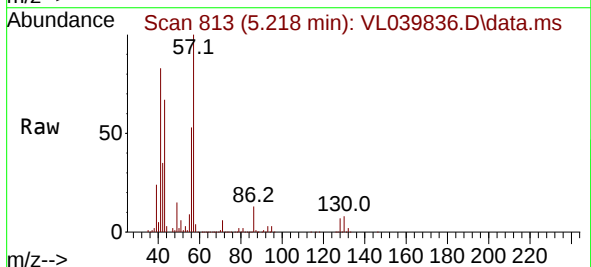
Ion	Ratio	Lower	Upper
84	100		
49	150.1	128.6	192.8
51	47.9	40.2	60.4
86	65.5	52.2	78.2

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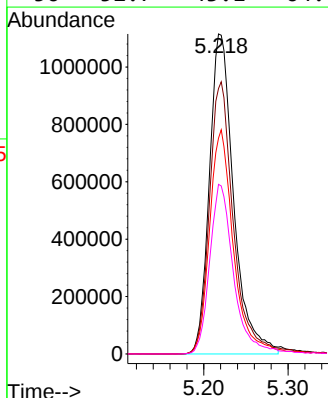
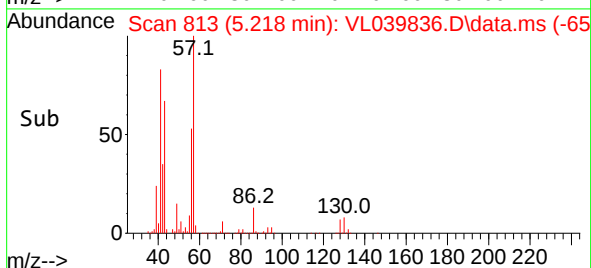


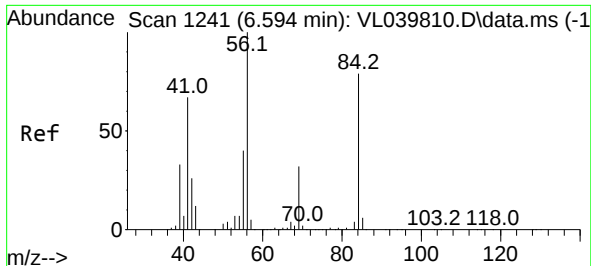
#26
Hexane
Concen: 19.532 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22



Tgt Ion: 57 Resp: 2235459

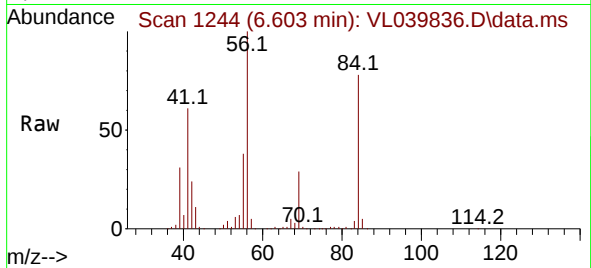
Ion	Ratio	Lower	Upper
57	100		
41	85.6	73.7	110.5
43	69.8	189.8	284.8#
56	52.7	43.1	64.7





#30
Cyclohexane
Concen: 10.323 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

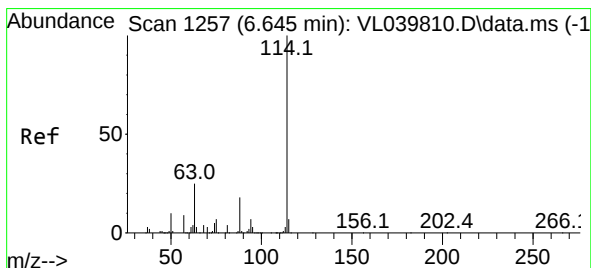
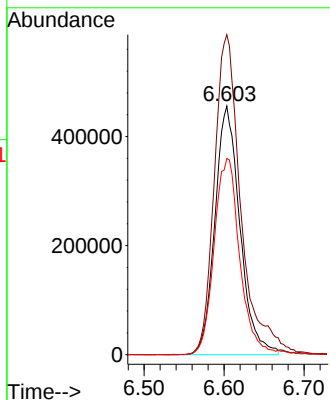
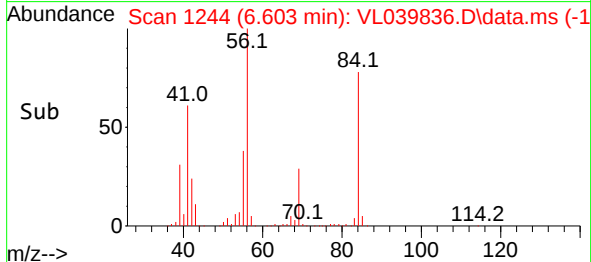
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL



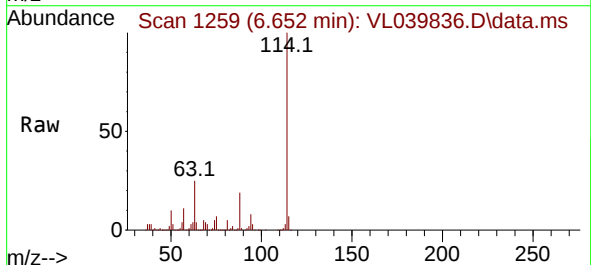
Tgt Ion: 84 Resp: 98798
Ion Ratio Lower Upper
84 100
56 137.3 114.8 172.2
41 81.9 68.6 103.0

Manual Integrations
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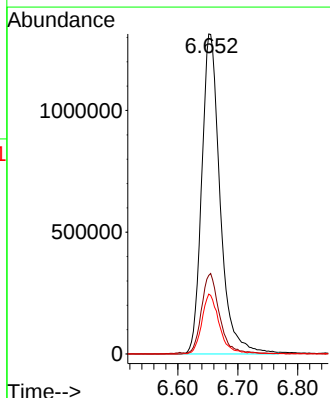
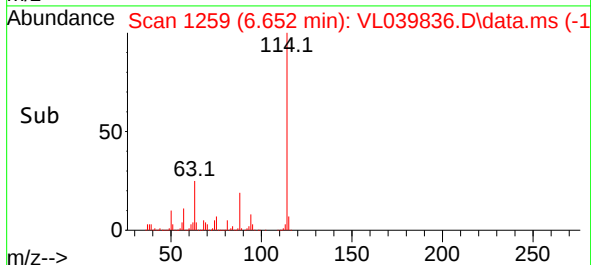
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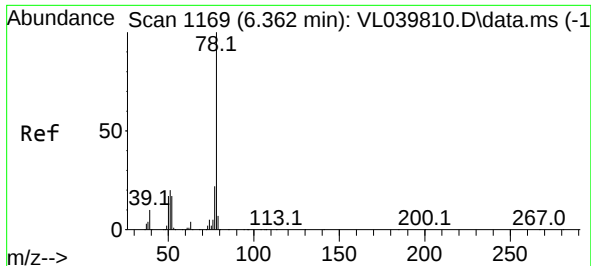


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.007 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22



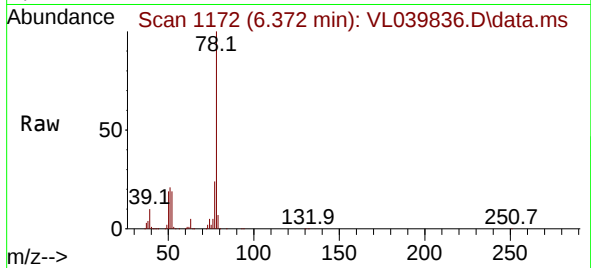
Tgt Ion:114 Resp: 2805109
Ion Ratio Lower Upper
114 100
63 25.3 19.8 29.6
88 18.0 14.4 21.6





#36
Benzene
Concen: 19.009 ppbv
RT: 6.372 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

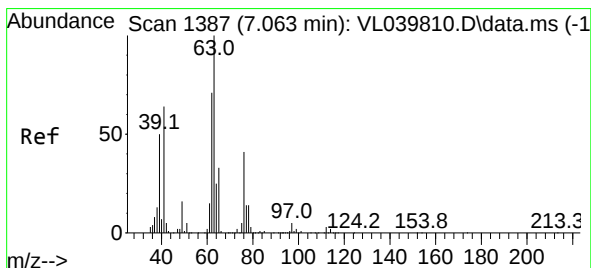
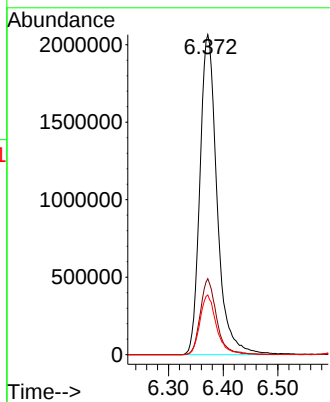
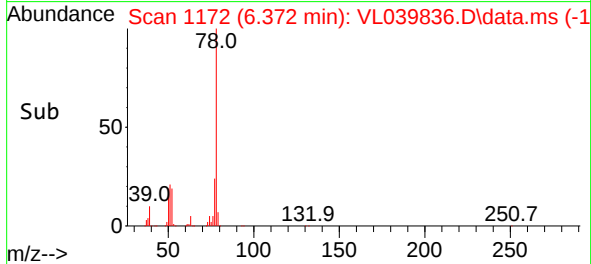
Instrument :
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ClientSampleId :
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Tgt Ion: 78 Resp: 4497958
Ion Ratio Lower Upper
78 100
77 23.8 17.4 26.2
50 18.7 13.9 20.9

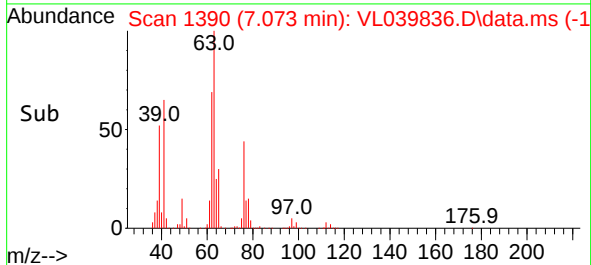
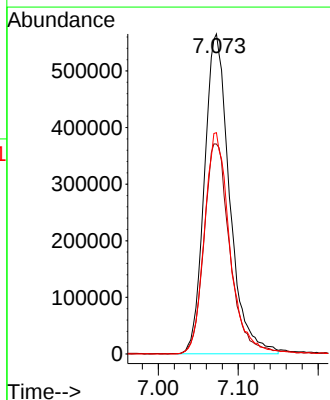
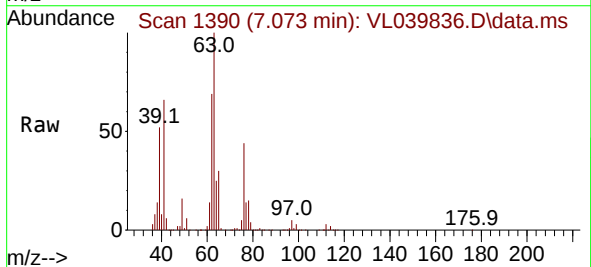
Manual Integrations
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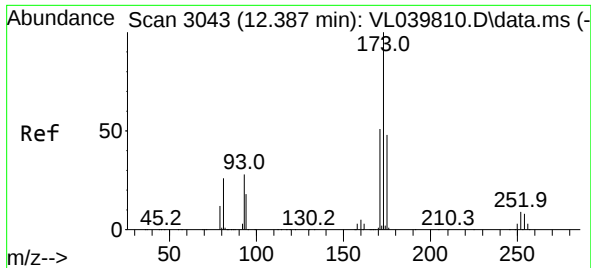
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#39
1,2-Dichloropropane
Concen: 13.403 ppbv
RT: 7.073 min Scan# 1390
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

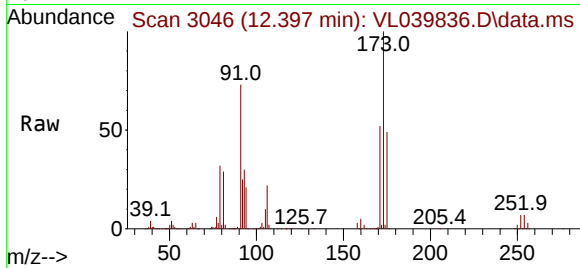
Tgt Ion: 63 Resp: 1235656
Ion Ratio Lower Upper
63 100
41 65.6 51.0 76.4
62 69.1 56.6 85.0





#49
Bromoform
Concen: 13.864 ppbv
RT: 12.397 min Scan# 3043
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

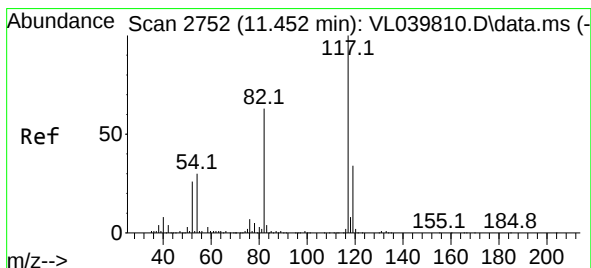
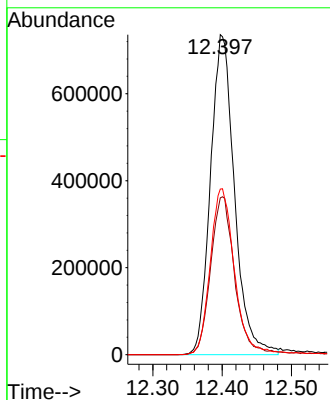
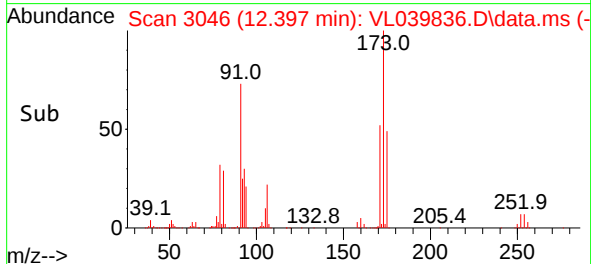
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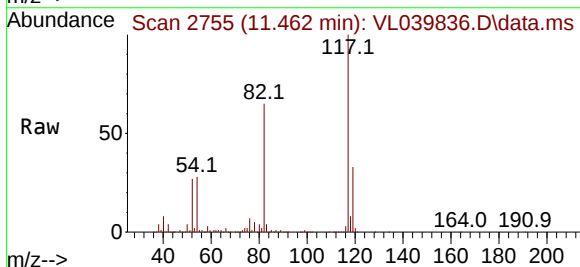
Tgt Ion:173 Resp: 1772614
Ion Ratio Lower Upper
173 100
175 50.1 39.7 59.5
171 53.5 41.7 62.5

Manual Integrations
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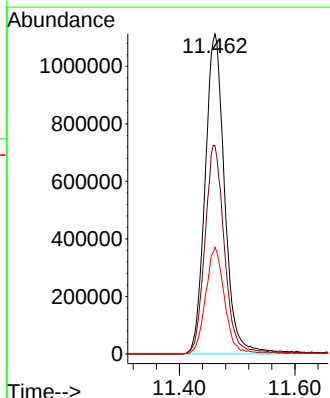
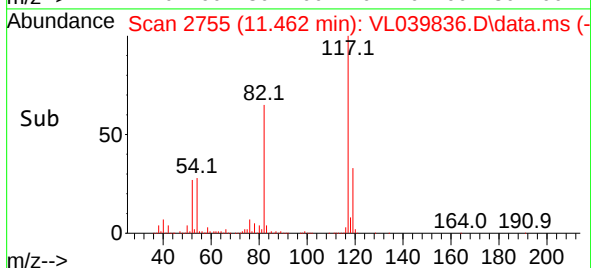
Reviewed By :Semsettin Yesilyurt 11/08/2022
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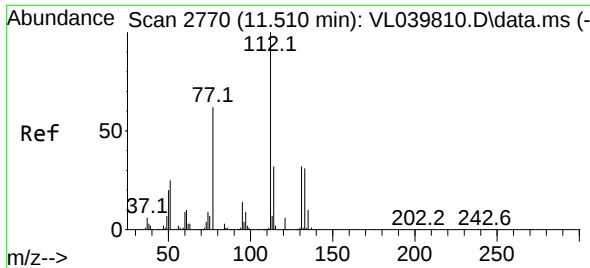


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22



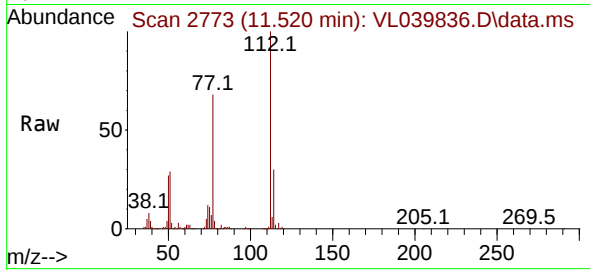
Tgt Ion:117 Resp: 2607776
Ion Ratio Lower Upper
117 100
82 66.1 51.0 76.6
119 32.7 24.7 37.1





#57
Chlorobenzene
Concen: 8.846 ppbv
RT: 11.520 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

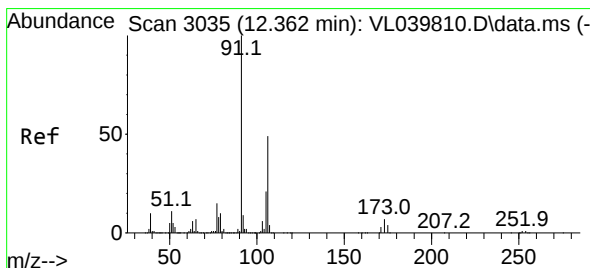
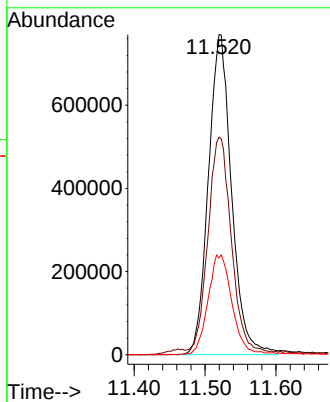
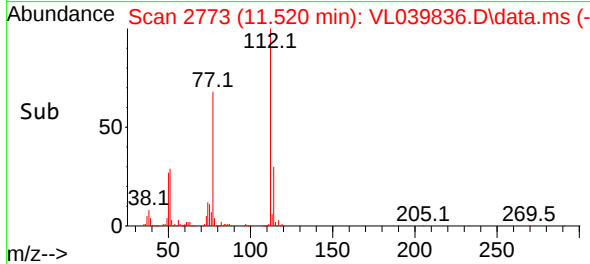
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL



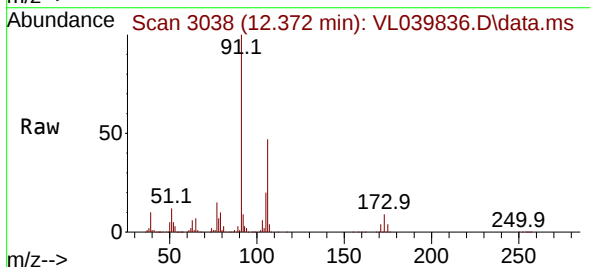
Tgt Ion:112 Resp: 174972
Ion Ratio Lower Upper
112 100
77 67.2 49.8 74.6
114 30.1 29.0 35.4

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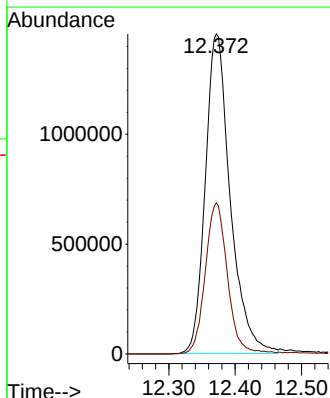
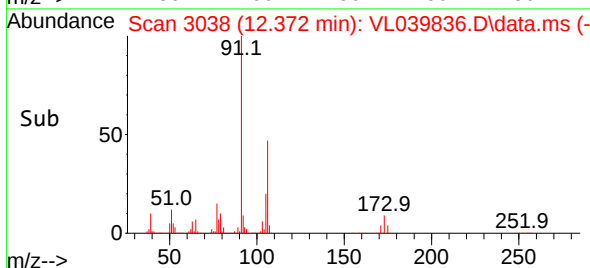
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

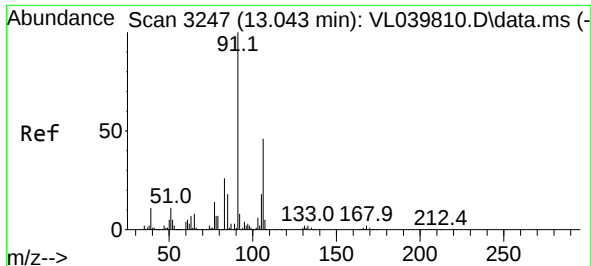


#59
m/p-Xylene
Concen: 12.930 ppbv
RT: 12.372 min Scan# 3038
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22



Tgt Ion: 91 Resp: 3805565
Ion Ratio Lower Upper
91 100
106 42.2 37.6 56.4





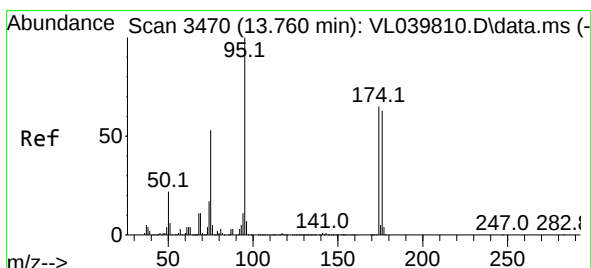
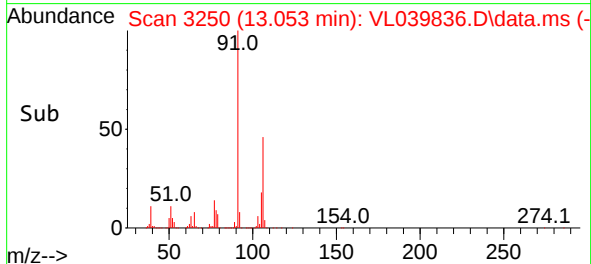
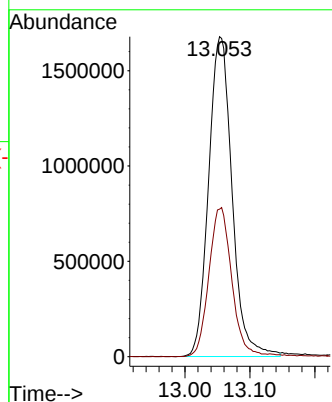
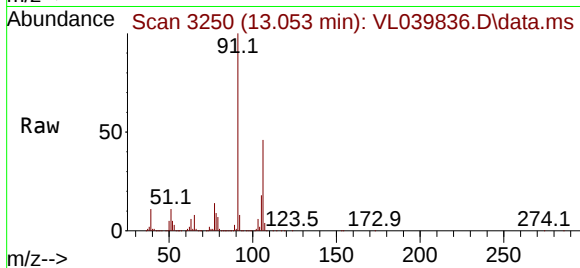
#60
o-Xylene
Concen: 15.093 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

Tgt Ion: 91 Resp: 420861
Ion Ratio Lower Upper
91 100
106 46.6 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: 10.393 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.010 min
Lab File: VL039836.D
Acq: 7 Nov 2022 12:22

Tgt Ion: 95 Resp: 2028603
Ion Ratio Lower Upper
95 100
174 63.8 53.4 80.0
175 4.6 4.1 6.1

