

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039835.D
 Acq On : 7 Nov 2022 11:43
 Operator : SY/AP
 Sample : N5409-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 06:12:39 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

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	971699	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2699491	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2411636	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1899895	10.525	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.300%
Target Compounds						Qvalue
4) Chloromethane	2.829	50	1258353	17.446	ppbv	99
9) Propene	2.710	41	2203776	36.513	ppbv	100
10) Heptane	7.581	43	5625777	38.908	ppbv	98
13) Ethanol	3.256	45	29871m	7.003	ppbv	
15) Acetone	3.481	43	505160	4.271	ppbv	99
20) Methylene Chloride	3.944	84	2367722	55.957	ppbv	94
26) Hexane	5.218	57	3049536	28.074	ppbv #	36
30) Cyclohexane	6.603	84	2043605	22.498	ppbv	92
36) Benzene	6.372	78	8542959	37.516	ppbv	93
39) 1,2-Dichloropropane	7.073	63	2498359	28.159	ppbv	96
48) Dibromochloromethane	9.703	129	17564m	0.115	ppbv	
49) Bromoform	12.404	173	3611452	29.351	ppbv	99
57) Chlorobenzene	11.520	112	3663456	20.027	ppbv	95
59) m/p-Xylene	12.375	91	7345482	26.986	ppbv	96
60) o-Xylene	13.056	91	8114559	31.466	ppbv	98

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

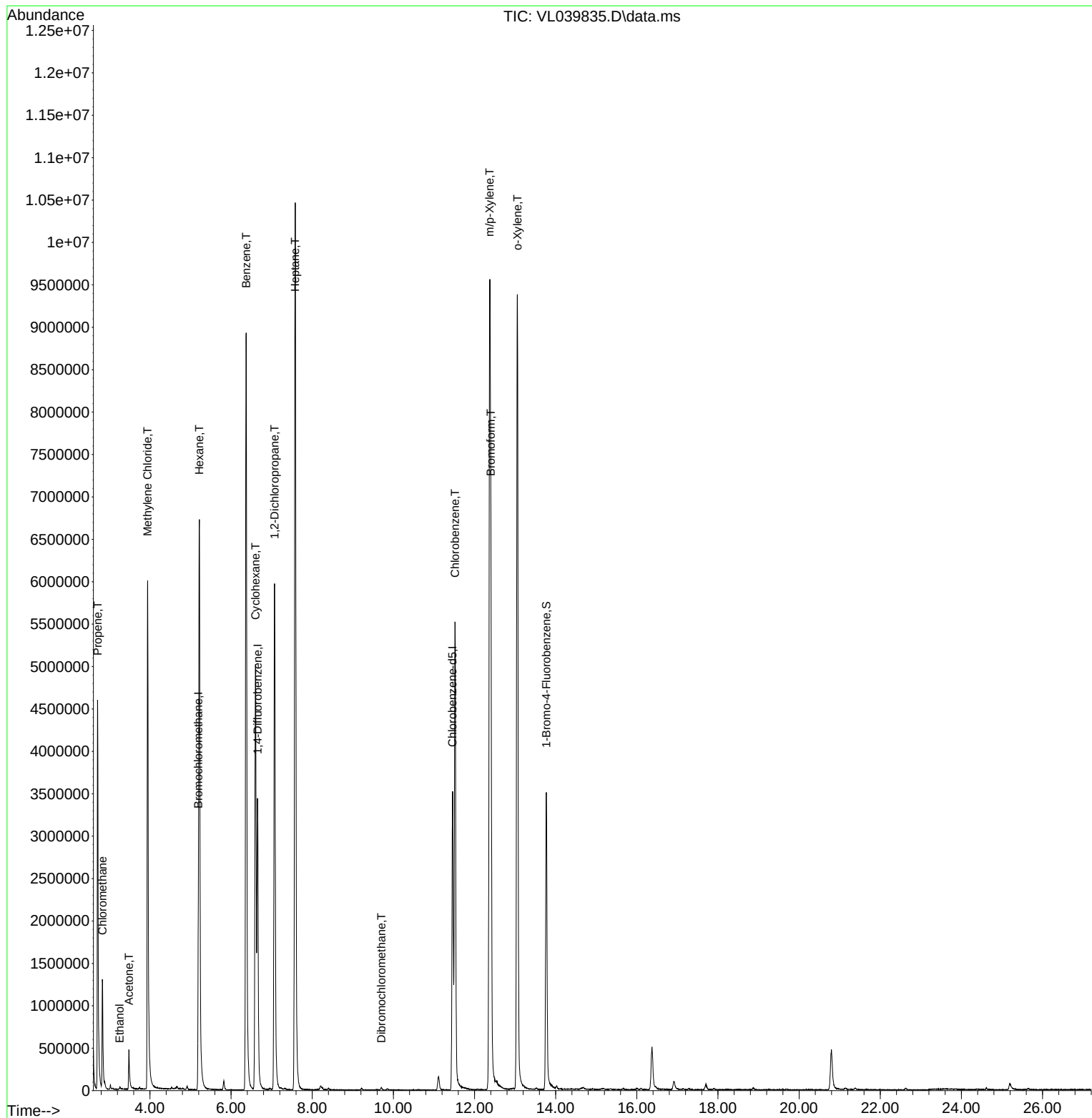
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
Data File : VL039835.D
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Sample : N5409-01
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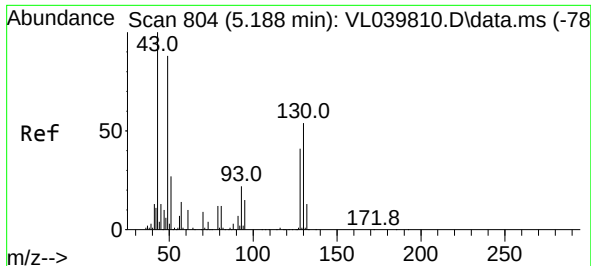
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

Quant Time: Nov 08 06:12:39 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

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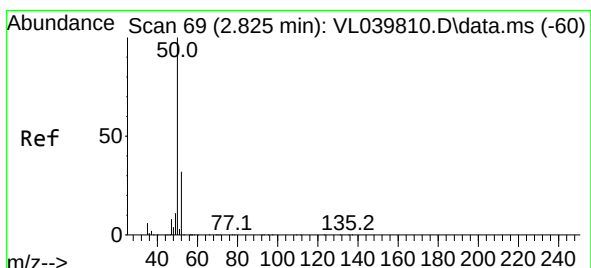
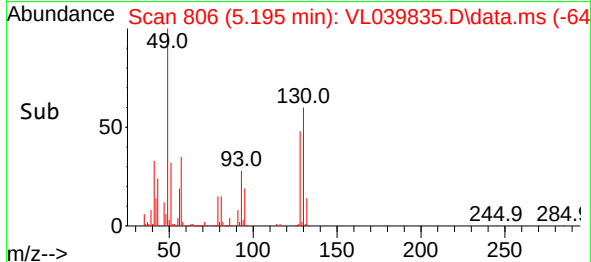
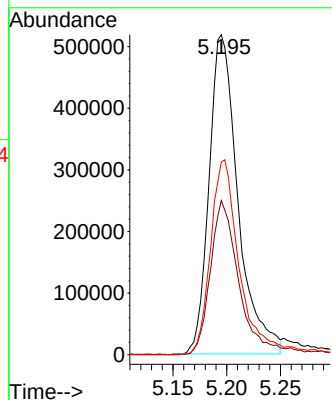
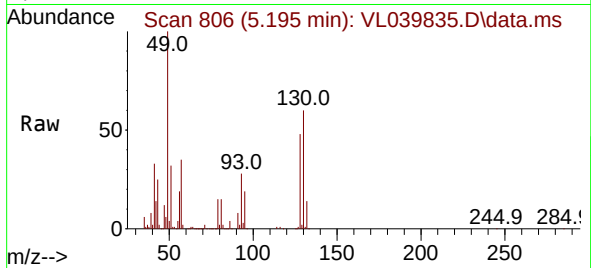
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

Instrument :
MSVOA_L
ClientSampleId :
E062-1100

Tgt Ion: 49 Resp: 971699
Ion Ratio Lower Upper
49 100
128 49.7 24.6 73.6
130 63.5 31.1 93.2

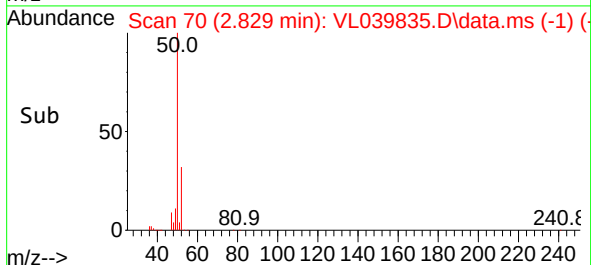
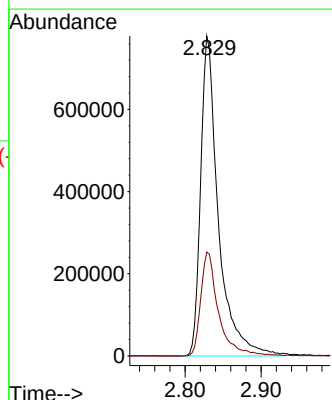
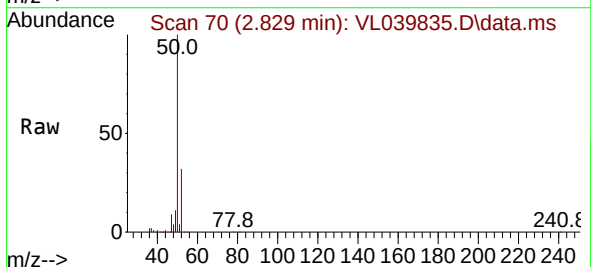
Manual Integrations
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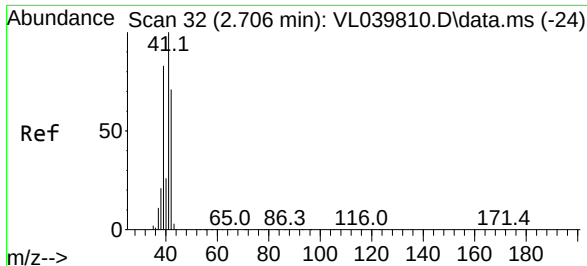
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#4
Chloromethane
Concen: 17.446 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

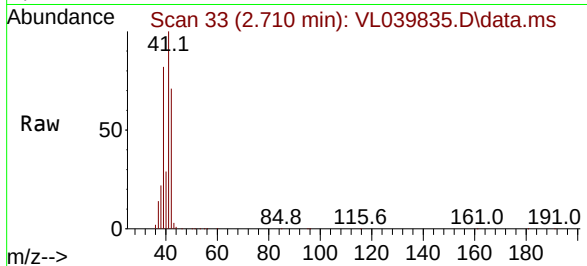
Tgt Ion: 50 Resp: 1258353
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3





#9
 Propene
 Concen: 36.513 ppbv
 RT: 2.710 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL039835.D
 Acq: 7 Nov 2022 11:43

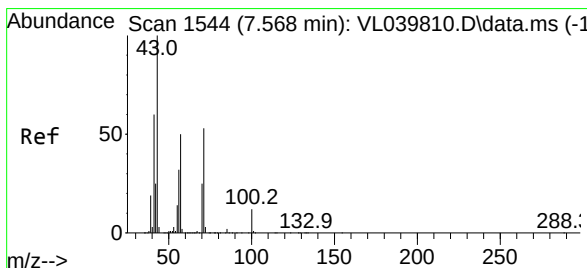
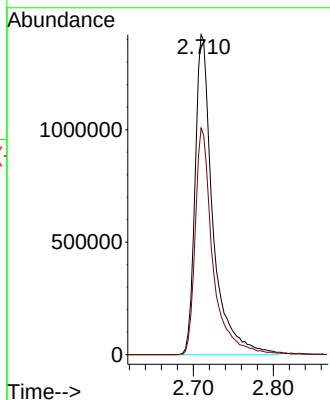
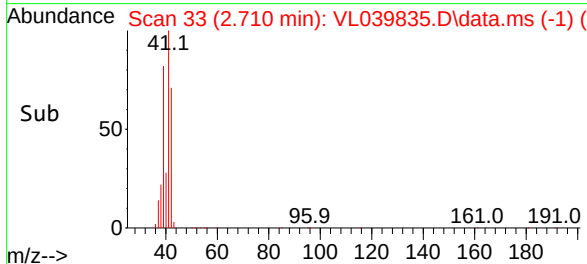
Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100



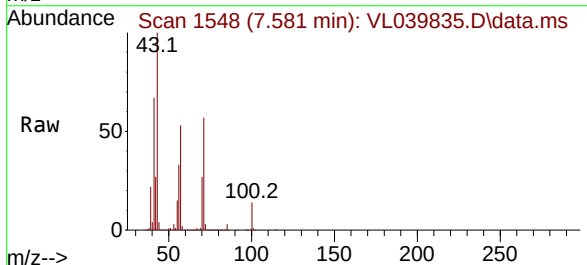
Tgt Ion: 41 Resp: 2203776
 Ion Ratio Lower Upper
 41 100
 42 70.5 56.3 84.5

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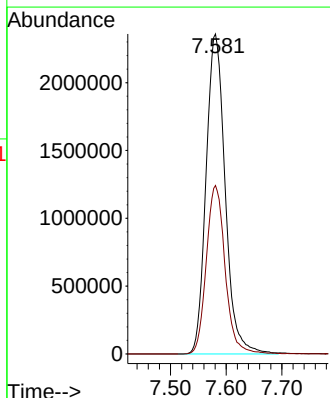
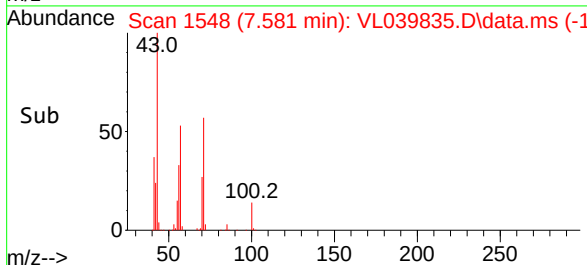
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

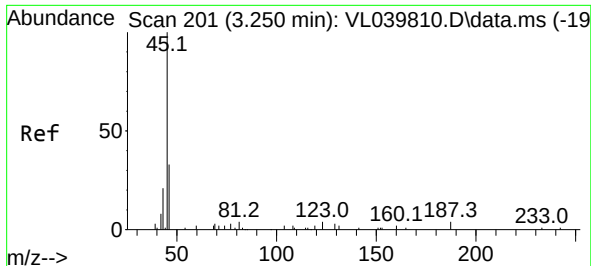


#10
 Heptane
 Concen: 38.908 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.013 min
 Lab File: VL039835.D
 Acq: 7 Nov 2022 11:43



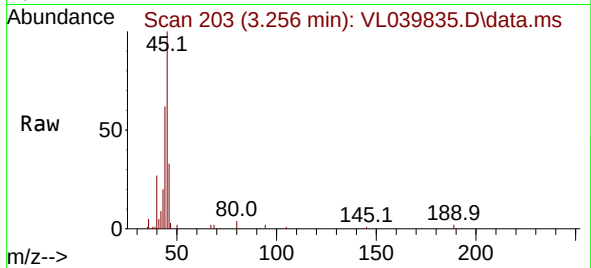
Tgt Ion: 43 Resp: 5625777
 Ion Ratio Lower Upper
 43 100
 57 52.0 40.5 60.7





#13
Ethanol
Concen: 7.003 ppbv m
RT: 3.256 min Scan# 201
Delta R.T. 0.007 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

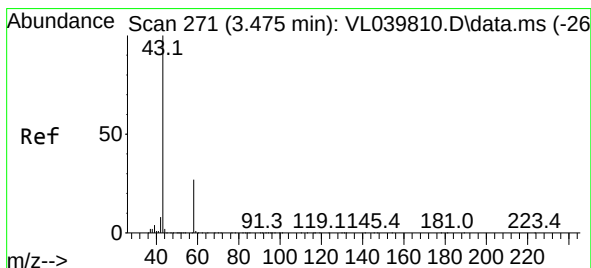
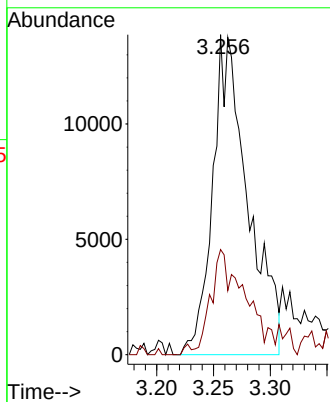
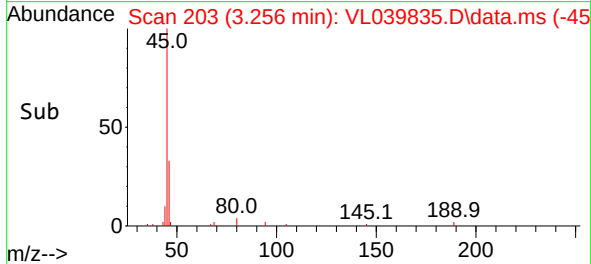
Instrument :
MSVOA_L
ClientSampleId :
E062-1100



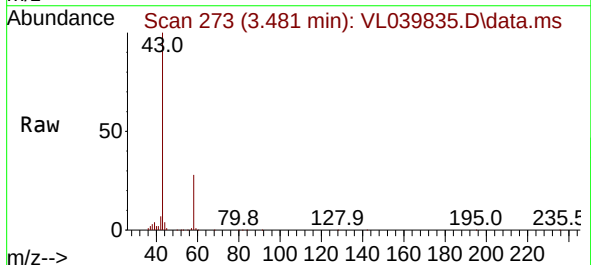
Tgt Ion: 45 Resp: 2987
Ion Ratio Lower Upper
45 100
46 32.8 16.5 65.9

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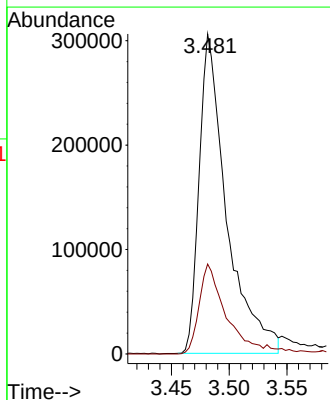
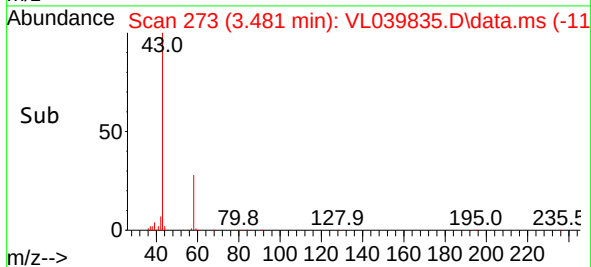
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

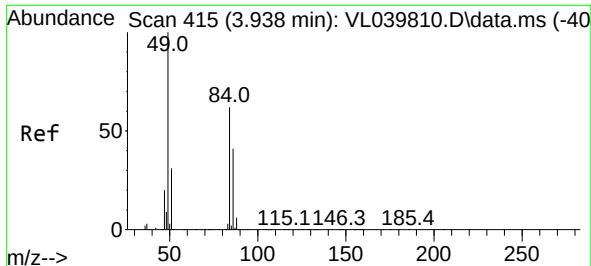


#15
Acetone
Concen: 4.271 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.007 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43



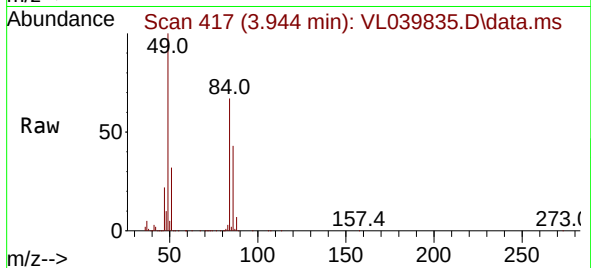
Tgt Ion: 43 Resp: 505160
Ion Ratio Lower Upper
43 100
58 29.7 23.2 34.8





#20
Methylene Chloride
Concen: 55.957 ppbv
RT: 3.944 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

Instrument :
MSVOA_L
ClientSampleId :
E062-1100

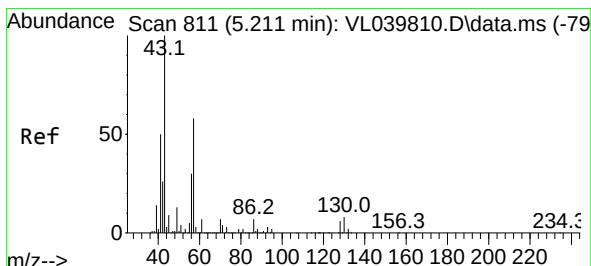
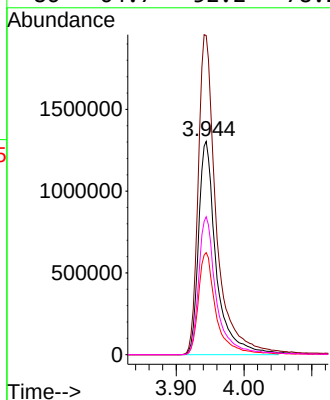
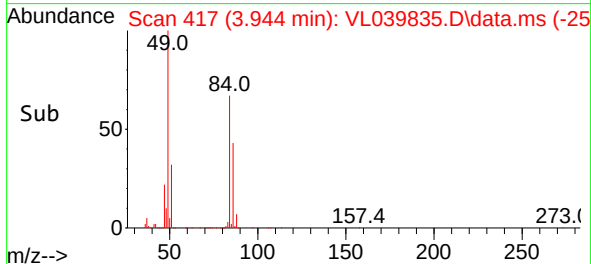


Tgt Ion: 84 Resp: 236772

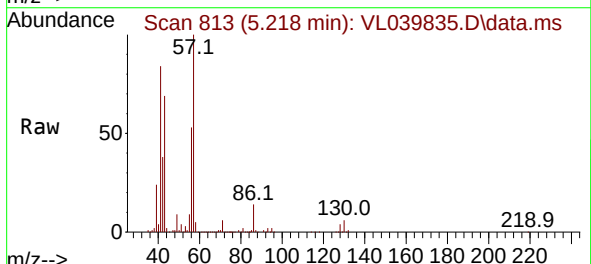
Ion	Ratio	Lower	Upper
84	100		
49	149.6	128.6	192.8
51	47.8	40.2	60.4
86	64.7	52.2	78.2

Manual Integrations
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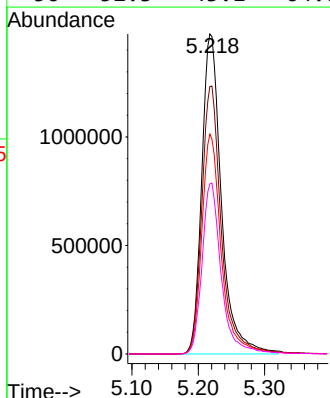
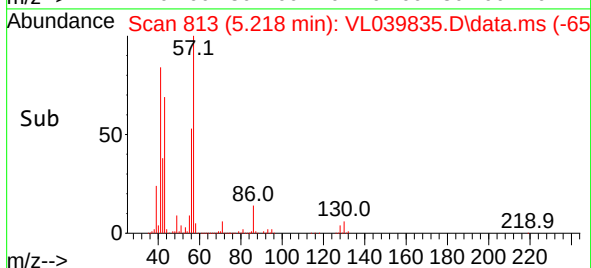


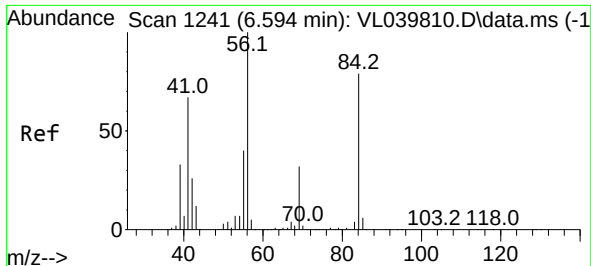
#26
Hexane
Concen: 28.074 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43



Tgt Ion: 57 Resp: 3049536

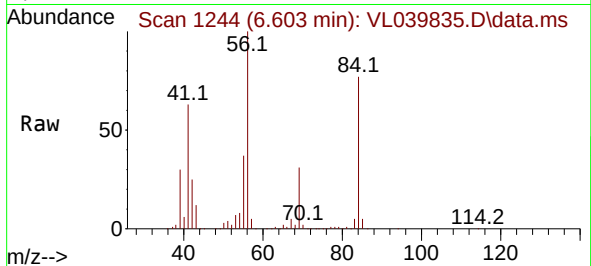
Ion	Ratio	Lower	Upper
57	100		
41	83.7	73.7	110.5
43	68.1	189.8	284.8#
56	52.3	43.1	64.7





#30
Cyclohexane
Concen: 22.498 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

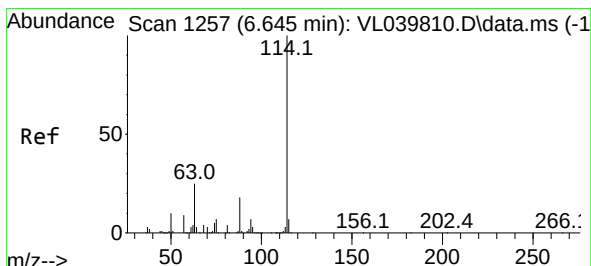
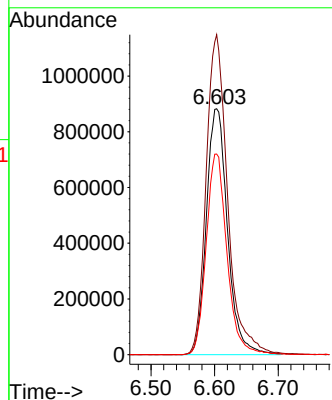
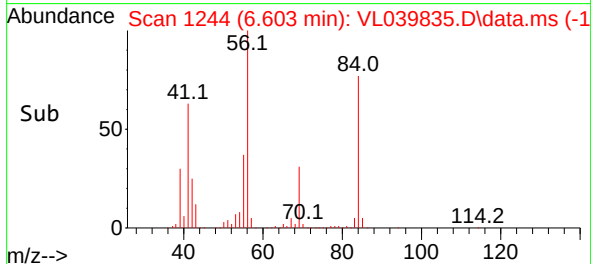
Instrument :
MSVOA_L
ClientSampleId :
E062-1100



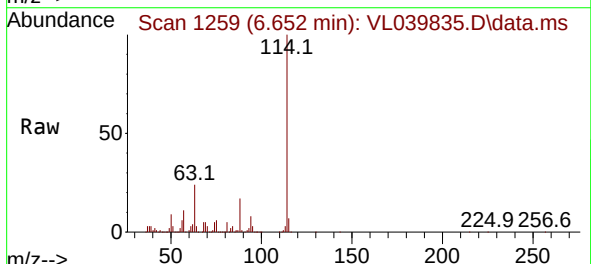
Tgt Ion: 84 Resp: 204360
Ion Ratio Lower Upper
84 100
56 131.9 114.8 172.2
41 80.1 68.6 103.0

Manual Integrations
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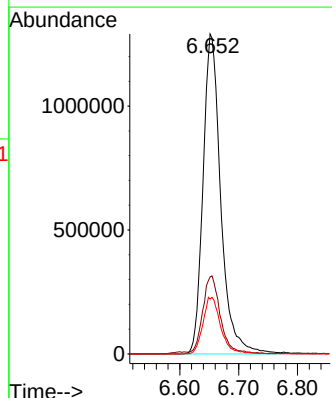
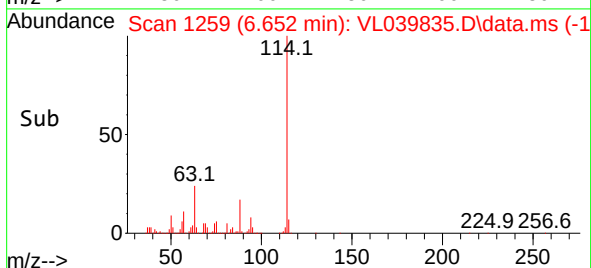
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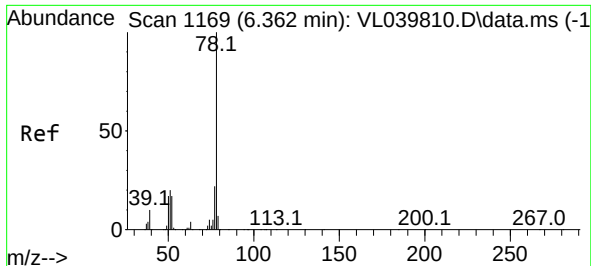


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.007 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43



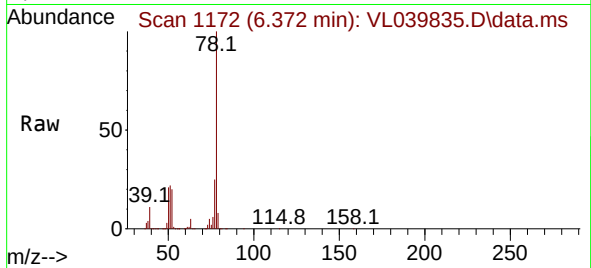
Tgt Ion:114 Resp: 2699491
Ion Ratio Lower Upper
114 100
63 25.1 19.8 29.6
88 17.9 14.4 21.6





#36
Benzene
Concen: 37.516 ppbv
RT: 6.372 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

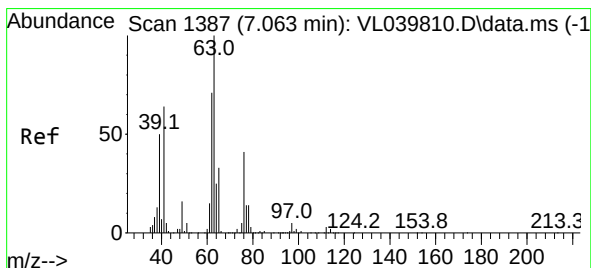
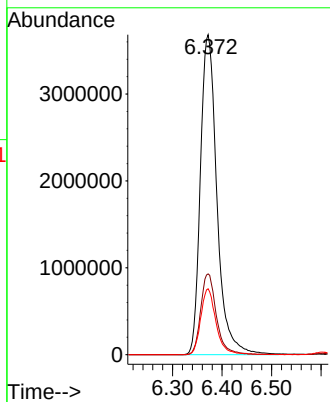
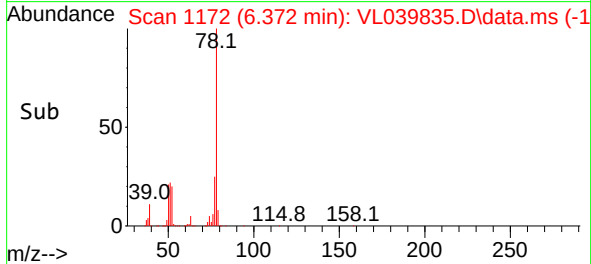
Instrument :
MSVOA_L
ClientSampleId :
E062-1100



Tgt Ion: 78 Resp: 8542959
Ion Ratio Lower Upper
78 100
77 25.3 17.4 26.2
50 20.6 13.9 20.9

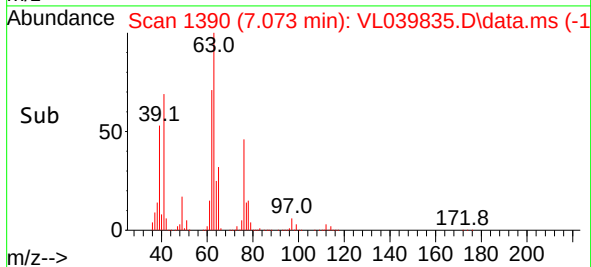
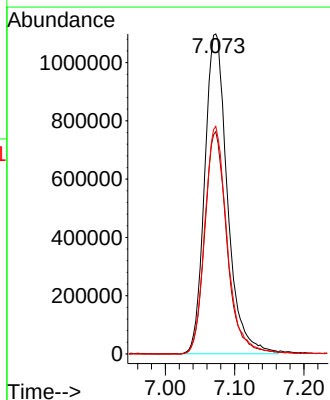
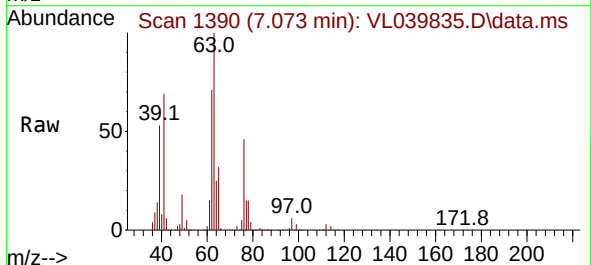
Manual Integrations
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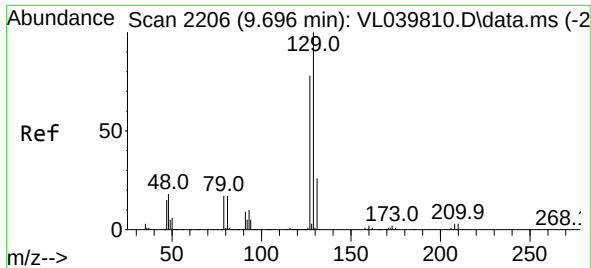
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#39
1,2-Dichloropropane
Concen: 28.159 ppbv
RT: 7.073 min Scan# 1390
Delta R.T. 0.010 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

Tgt Ion: 63 Resp: 2498359
Ion Ratio Lower Upper
63 100
41 69.4 51.0 76.4
62 71.1 56.6 85.0





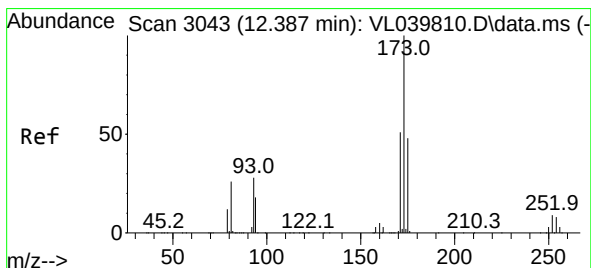
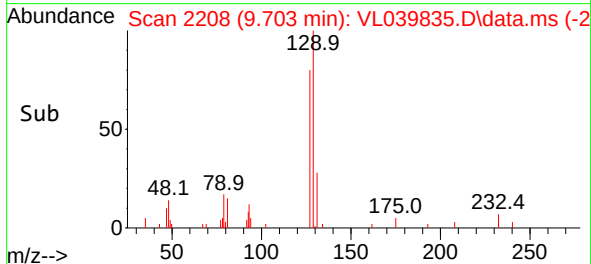
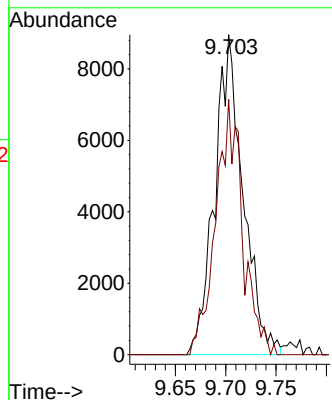
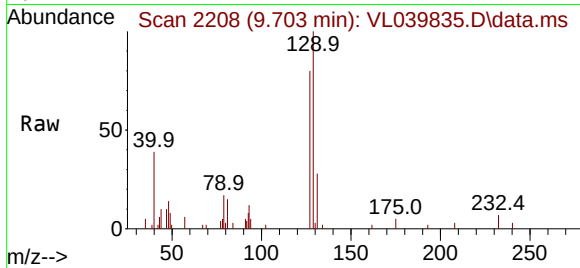
#48
Dibromochloromethane
Concen: 0.115 ppbv m
RT: 9.703 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

Instrument :
MSVOA_L
ClientSampleId :
E062-1100

Tgt Ion:129 Resp: 17564
Ion Ratio Lower Upper
129 100
127 75.5 39.4 118.1

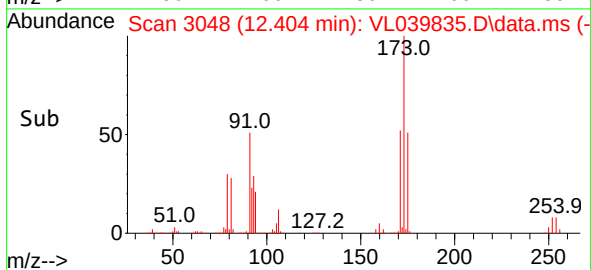
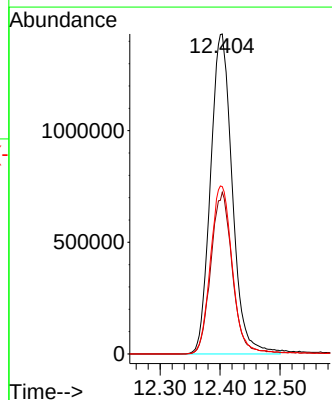
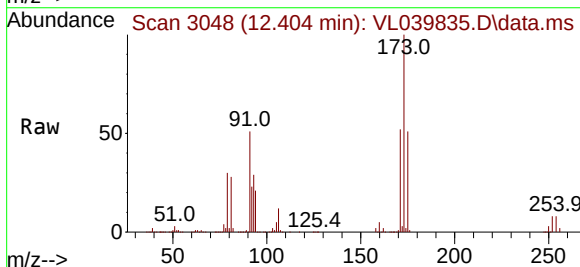
Manual Integrations
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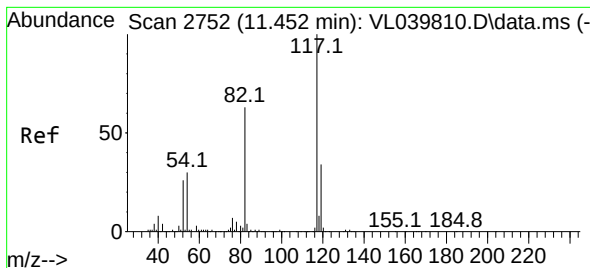
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#49
Bromoform
Concen: 29.351 ppbv
RT: 12.404 min Scan# 3048
Delta R.T. 0.016 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

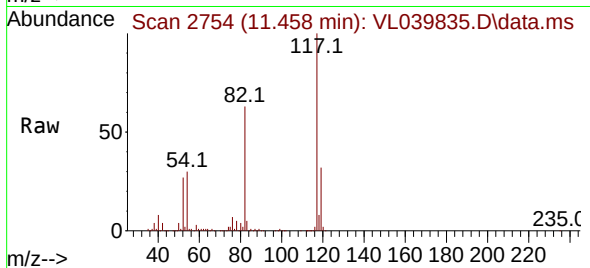
Tgt Ion:173 Resp: 3611452
Ion Ratio Lower Upper
173 100
175 50.4 39.7 59.5
171 53.3 41.7 62.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2117
Delta R.T. 0.007 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

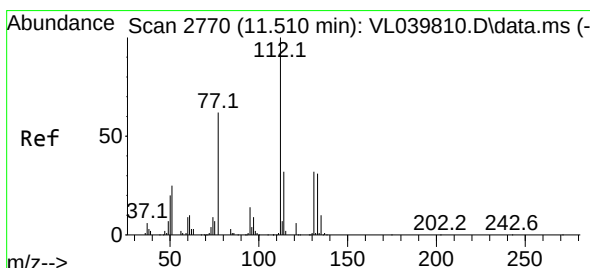
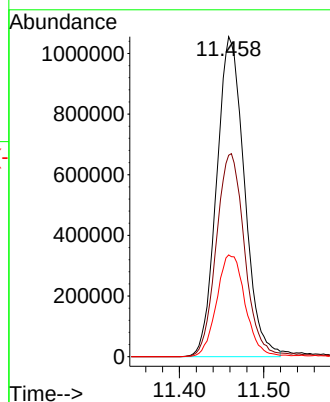
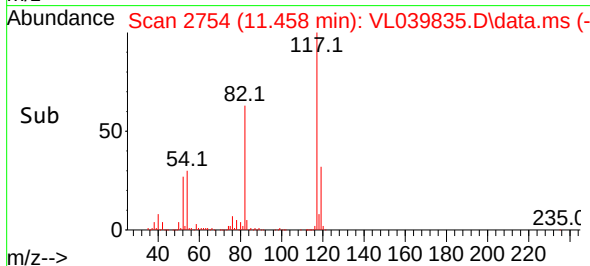
Instrument :
MSVOA_L
ClientSampleId :
E062-1100



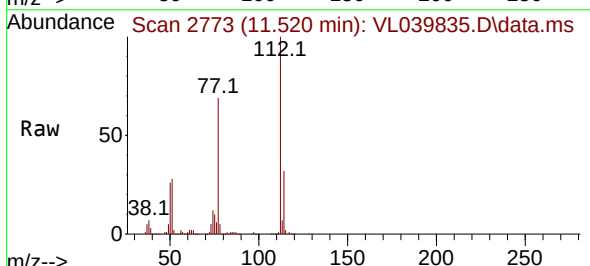
Tgt Ion:117 Resp: 2411630
Ion Ratio Lower Upper
117 100
82 65.6 51.0 76.6
119 33.3 24.7 37.1

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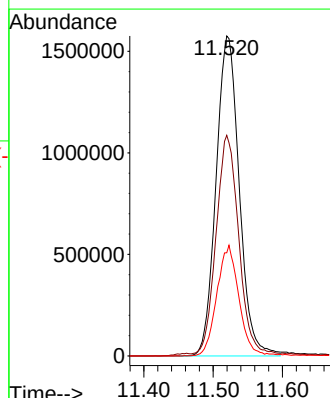
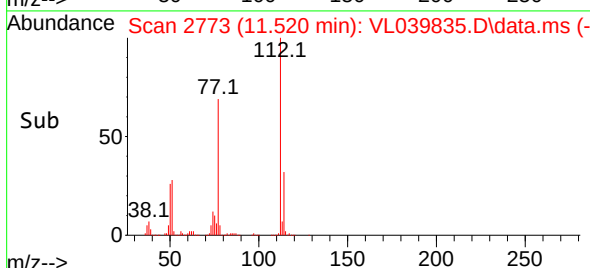
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

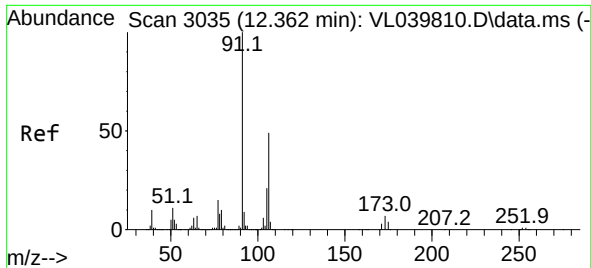


#57
Chlorobenzene
Concen: 20.027 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.010 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43



Tgt Ion:112 Resp: 3663456
Ion Ratio Lower Upper
112 100
77 68.4 49.8 74.6
114 32.2 29.0 35.4





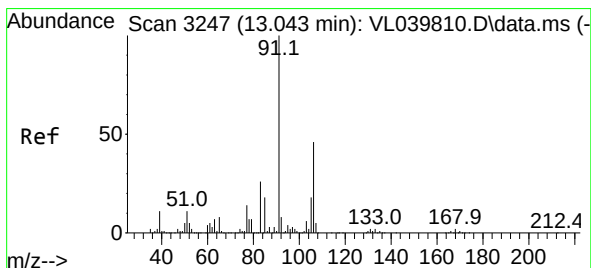
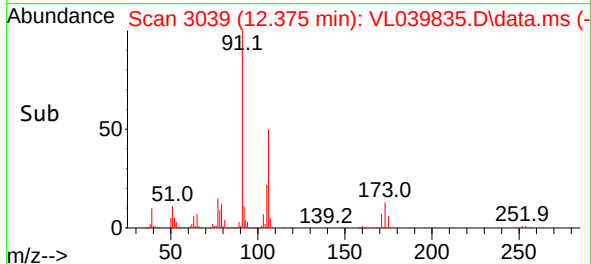
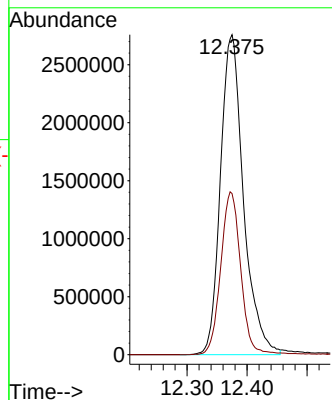
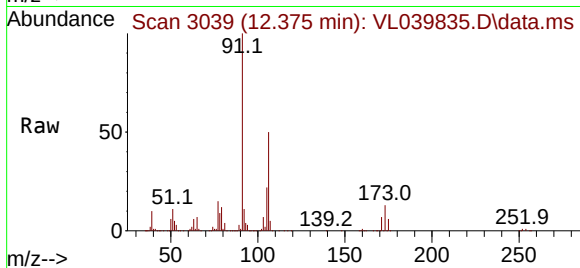
#59
m/p-Xylene
Concen: 26.986 ppbv
RT: 12.375 min Scan# 3035
Delta R.T. 0.013 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

Instrument :
MSVOA_L
ClientSampleId :
E062-1100

Tgt Ion: 91 Resp: 734548
Ion Ratio Lower Upper
91 100
106 44.4 37.6 56.4

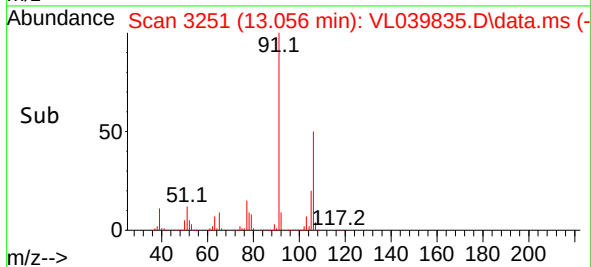
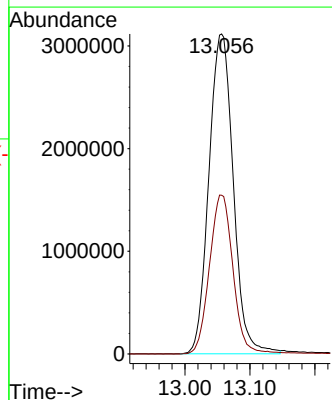
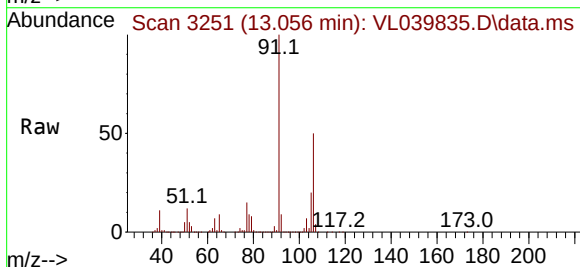
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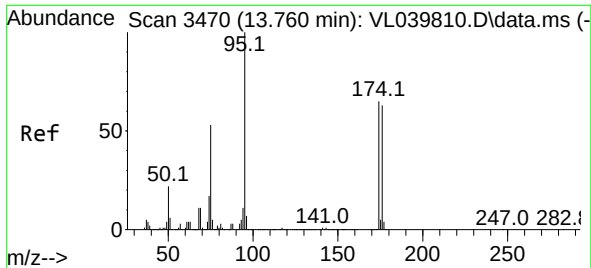
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#60
o-Xylene
Concen: 31.466 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.013 min
Lab File: VL039835.D
Acq: 7 Nov 2022 11:43

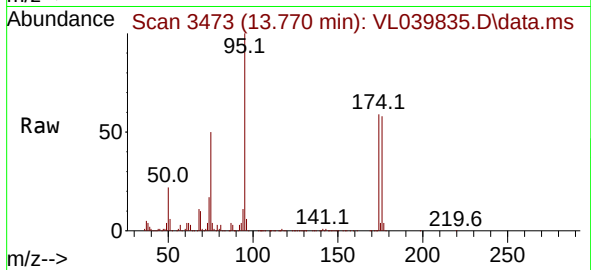
Tgt Ion: 91 Resp: 8114559
Ion Ratio Lower Upper
91 100
106 48.5 23.6 70.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.525 ppbv
 RT: 13.770 min Scan# 34
 Delta R.T. 0.010 min
 Lab File: VL039835.D
 Acq: 7 Nov 2022 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100



Tgt Ion: 95 Resp: 1899899
 Ion Ratio Lower Upper
 95 100
 174 63.3 53.4 80.0
 175 4.6 4.1 6.1

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

