

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040315.D
 Acq On : 5 Apr 2023 13:36
 Operator : SY/MD
 Sample : 02168-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 07:50:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 4 2023

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1080949	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.632	114	2953325	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2692509	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2184228	9.687	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%
Target Compounds						
					Qvalue	
9) Propene	2.845	41	59211	1.137	ppbv	91
10) Heptane	7.558	43	313971	2.507	ppbv	98
13) Ethanol	3.227	45	15469	4.050	ppbv	90
15) Acetone	3.449	43	719887	5.470	ppbv	96
19) Isopropyl Alcohol	3.575	45	14397	0.228	ppbv #	90
20) Methylene Chloride	3.909	84	33609	0.607	ppbv	94
23) Vinyl Acetate	4.632	43	233434m	6.376	ppbv	
26) Hexane	5.189	57	360073	3.560	ppbv #	35
34) 2-Butanone	4.777	43	30459	0.209	ppbv #	85
36) Benzene	6.349	78	20816	0.092	ppbv #	87
53) Toluene	9.208	91	32179m	0.136	ppbv	

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

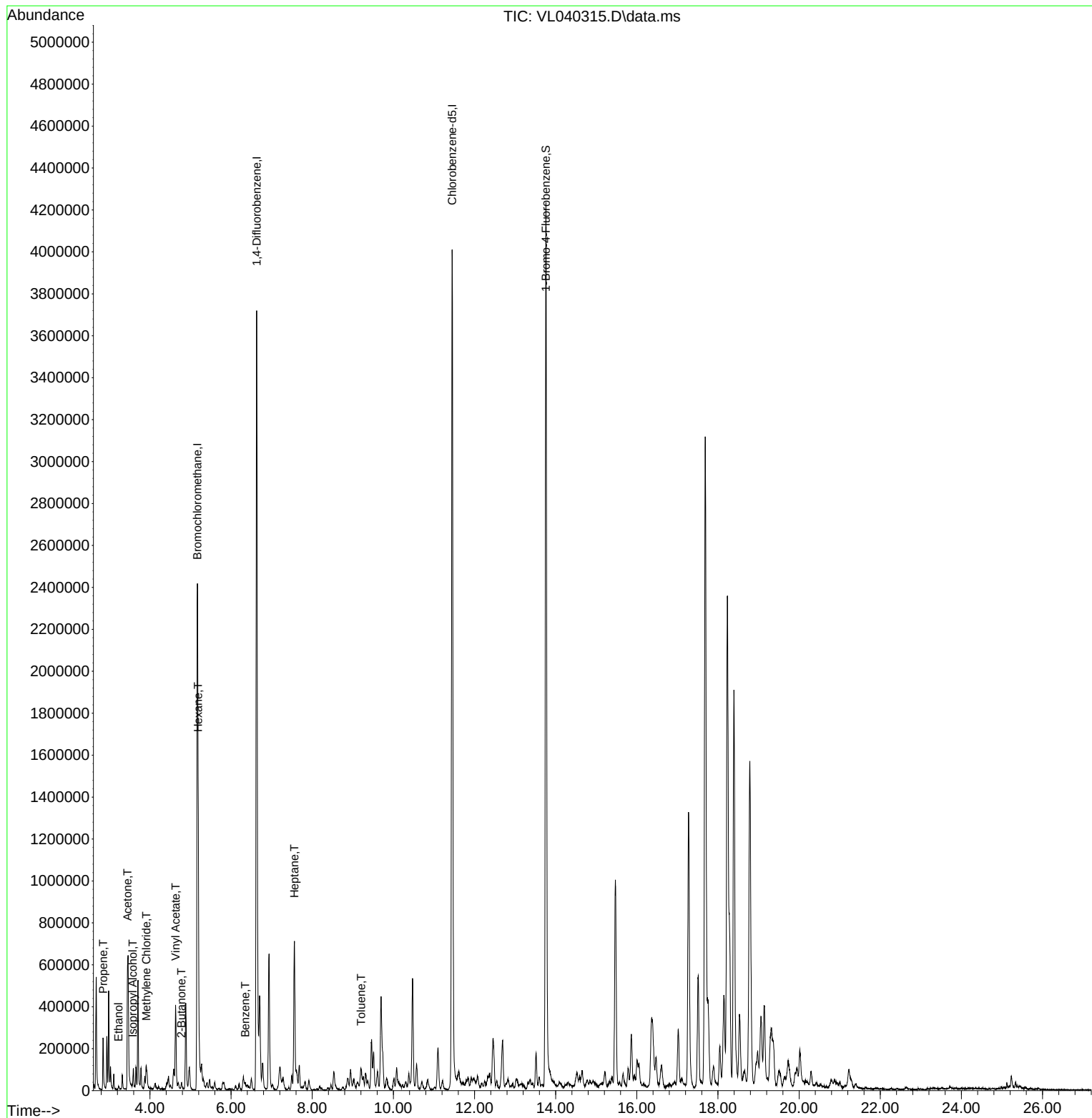
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
Data File : VL040315.D
Acq On : 5 Apr 2023 13:36
Operator : SY/MD
Sample : 02168-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

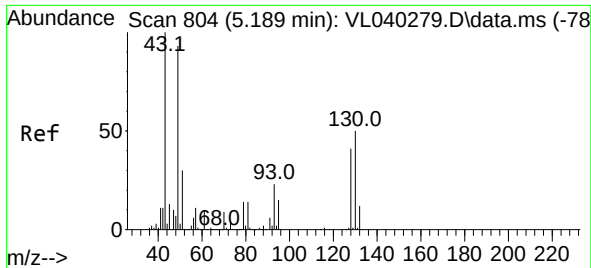
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 04/06/2023
Supervised By : Mahesh Dadoda 04/06/2023

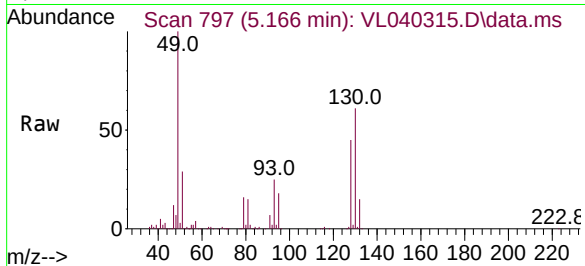
Quant Time: Apr 06 07:50:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 74
Delta R.T. -0.023 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

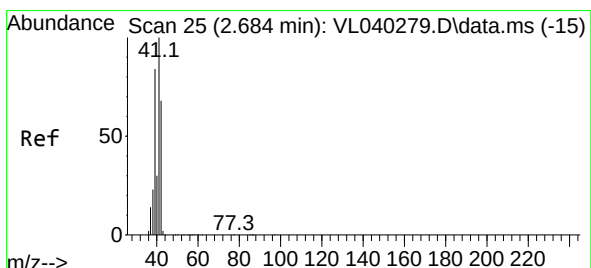
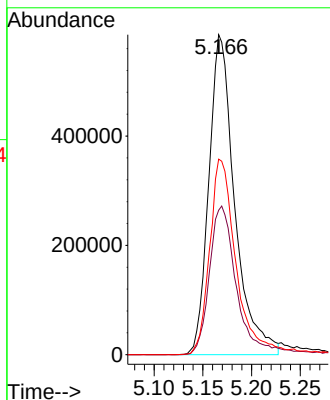
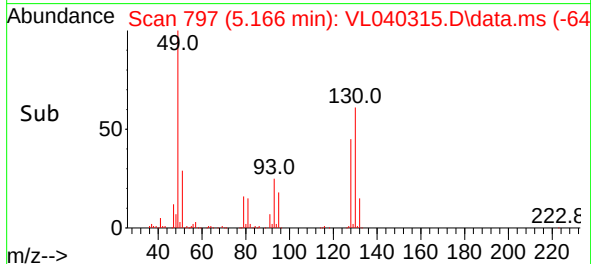
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 1080949
Ion Ratio Lower Upper
49 100
128 50.4 22.4 67.3
130 64.2 28.7 86.1

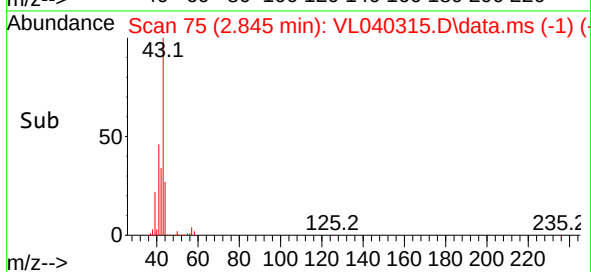
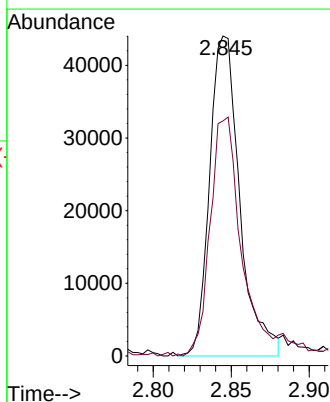
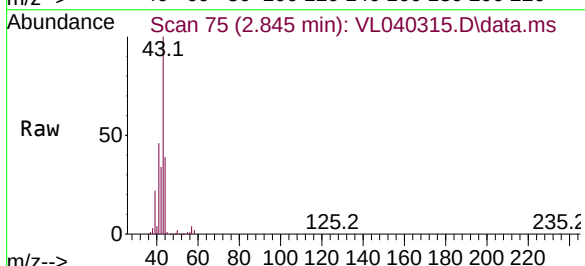
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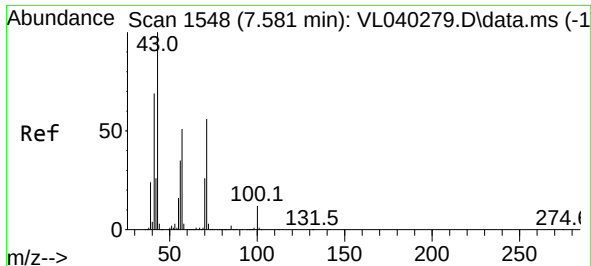
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#9
Propene
Concen: 1.137 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.161 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

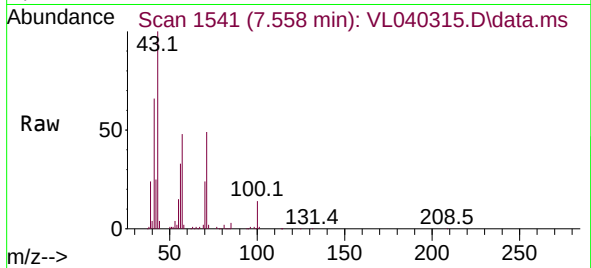
Tgt Ion: 41 Resp: 59211
Ion Ratio Lower Upper
41 100
42 81.6 59.0 88.4





#10
Heptane
Concen: 2.507 ppbv
RT: 7.558 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

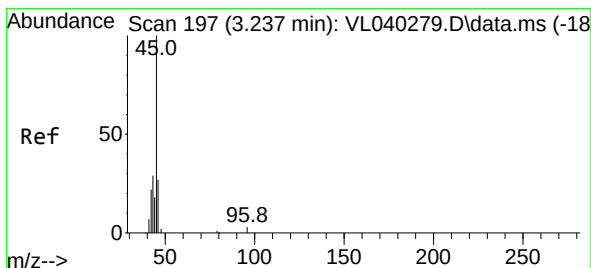
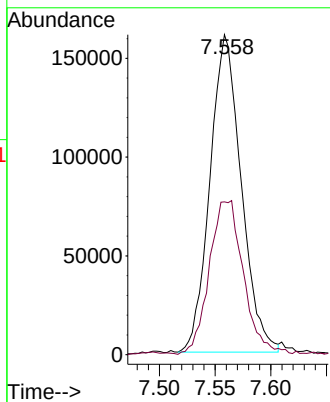
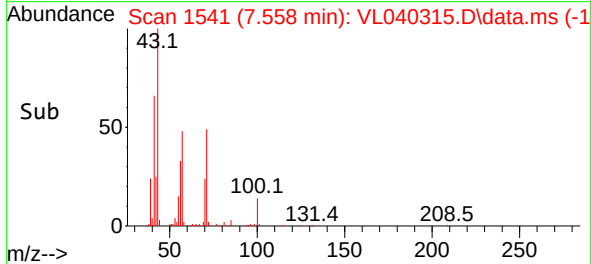
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 31397
Ion Ratio Lower Upper
43 100
57 53.3 41.7 62.5

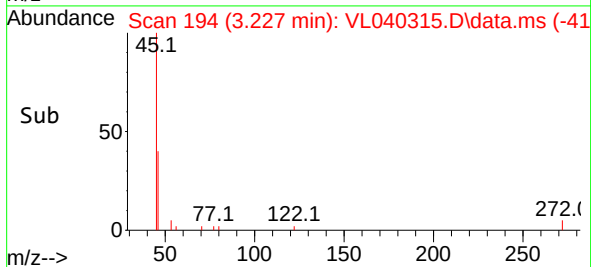
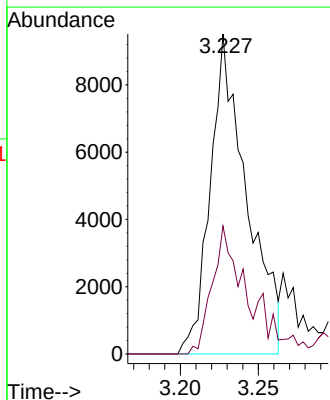
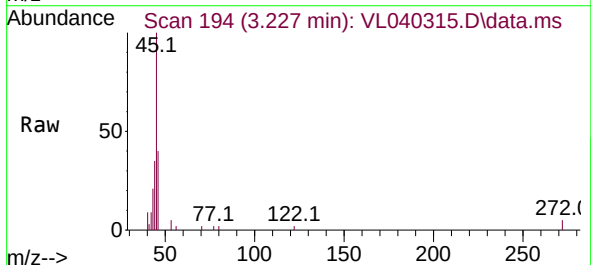
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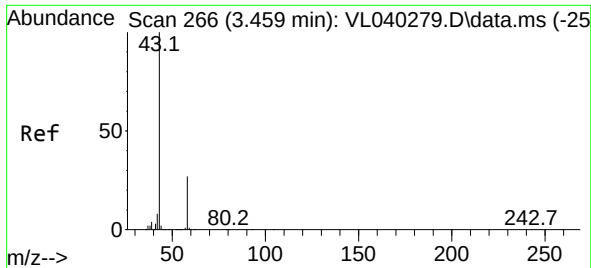
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#13
Ethanol
Concen: 4.050 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

Tgt Ion: 45 Resp: 15469
Ion Ratio Lower Upper
45 100
46 43.6 15.0 60.2





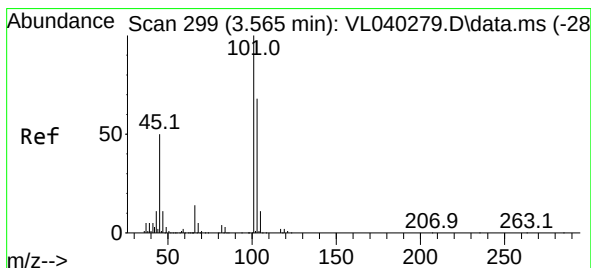
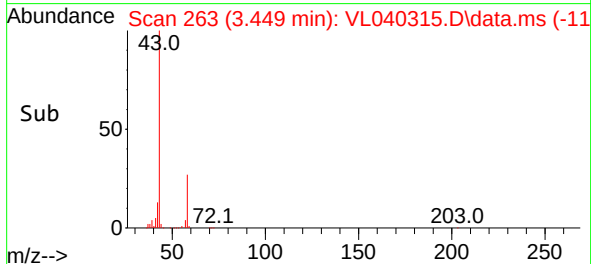
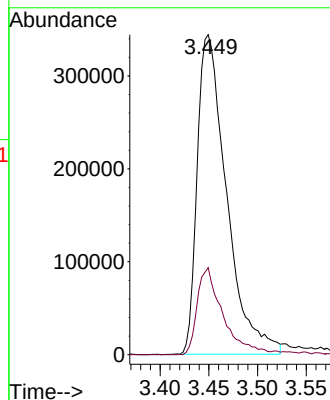
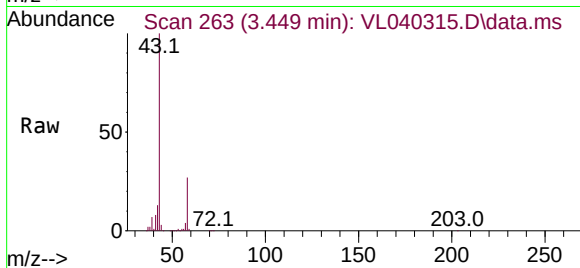
#15
Acetone
Concen: 5.470 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 71988
Ion Ratio Lower Upper
43 100
58 25.0 21.8 32.8

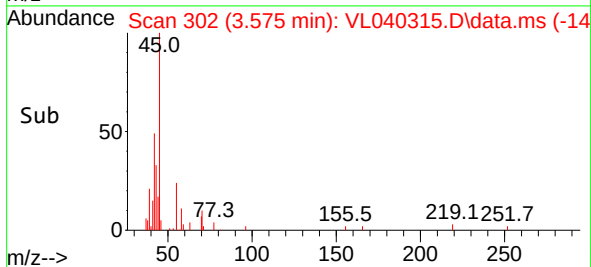
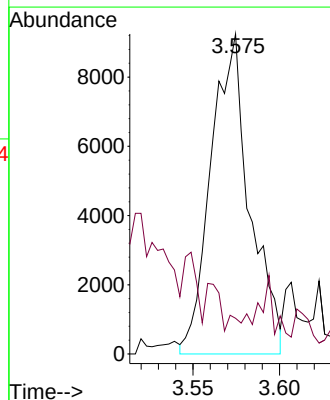
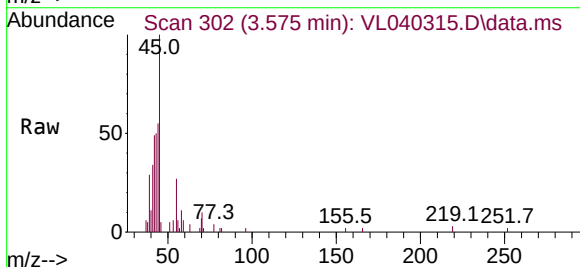
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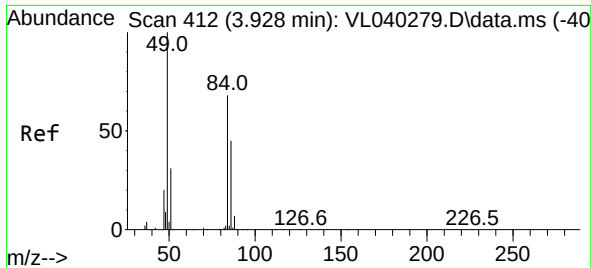
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#19
Isopropyl Alcohol
Concen: 0.228 ppbv
RT: 3.575 min Scan# 302
Delta R.T. 0.010 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

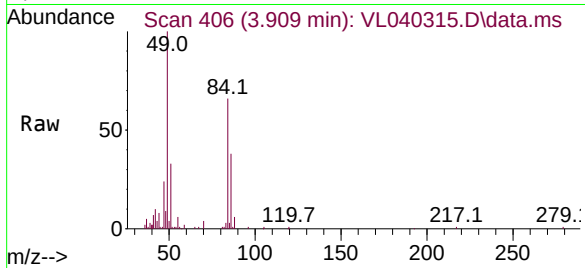
Tgt Ion: 45 Resp: 14397
Ion Ratio Lower Upper
45 100
58 0.0 2.7 4.1#





#20
Methylene Chloride
Concen: 0.607 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.019 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

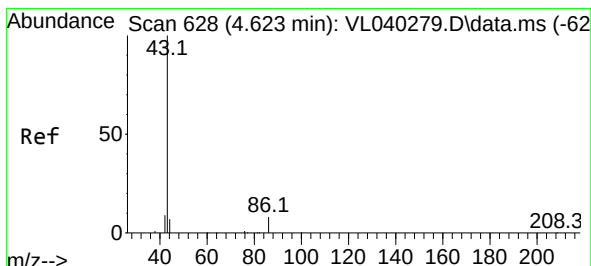
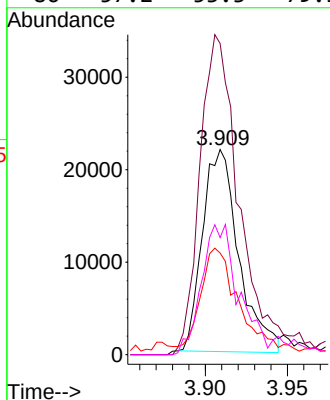
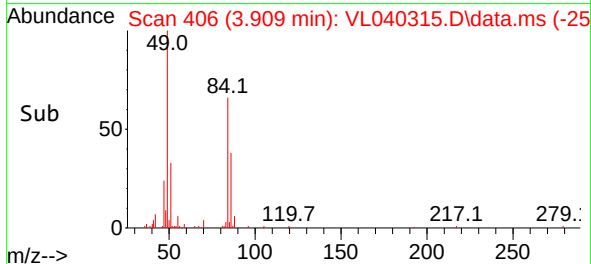
Instrument :
MSVOA_L
Client Sample Id :
SV1DL



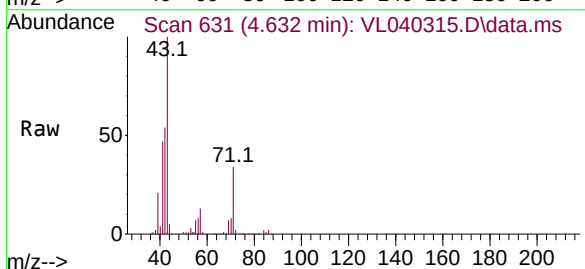
Tgt Ion: 84 Resp: 33609
Ion Ratio Lower Upper
84 100
49 150.9 117.5 176.3
51 49.0 36.9 55.3
86 57.2 53.3 79.9

Manual Integrations
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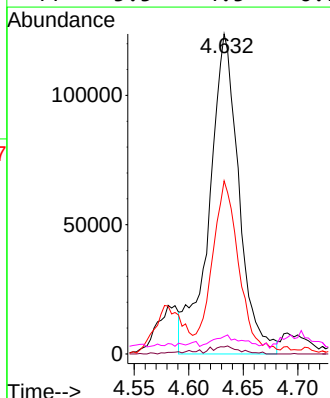
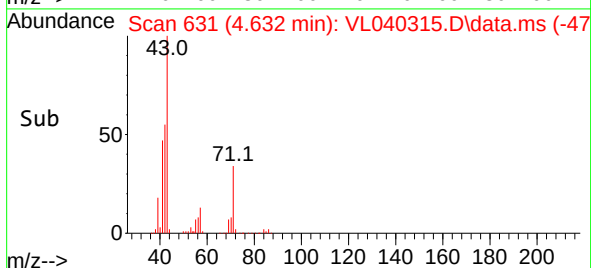
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

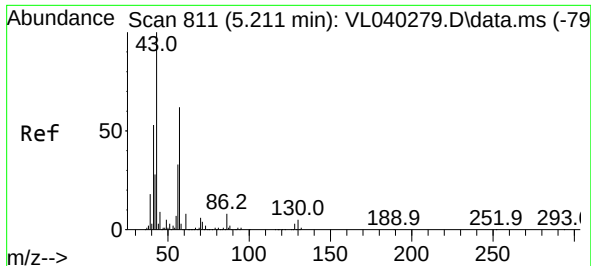


#23
Vinyl Acetate
Concen: 6.376 ppbv m
RT: 4.632 min Scan# 631
Delta R.T. 0.009 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36



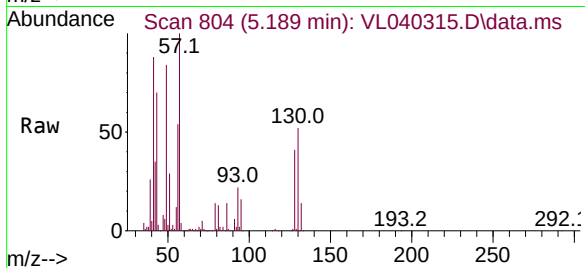
Tgt Ion: 43 Resp: 233434
Ion Ratio Lower Upper
43 100
86 2.2 5.0 7.4#
42 54.1 9.1 13.7#
44 5.5 4.5 6.7





#26
Hexane
Concen: 3.560 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.022 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

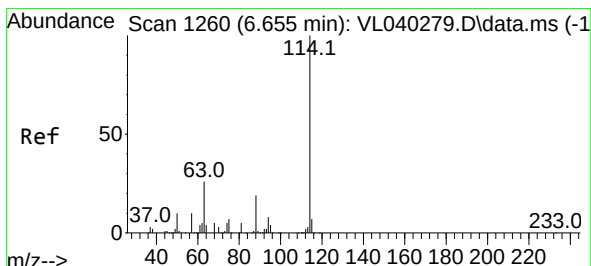
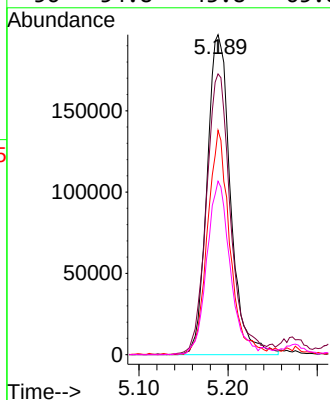
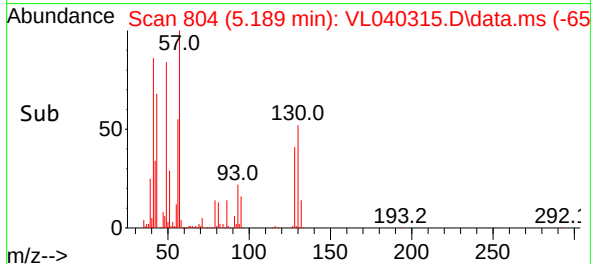
Instrument :
MSVOA_L
Client Sample Id :
SV1DL



Tgt Ion: 57 Resp: 360073
Ion Ratio Lower Upper
57 100
41 90.9 73.5 110.3
43 67.2 196.3 294.5
56 54.8 43.8 65.8

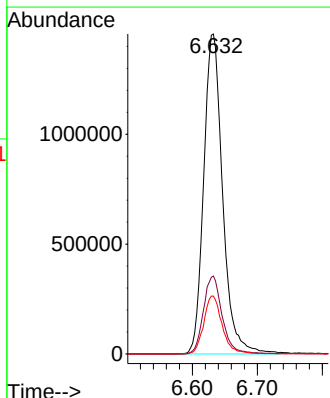
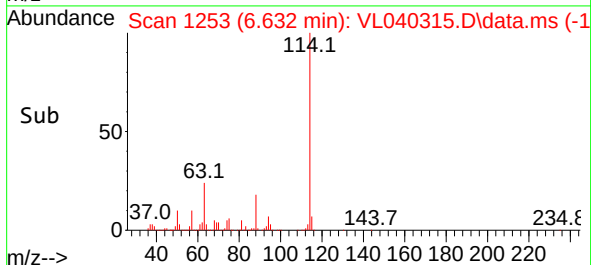
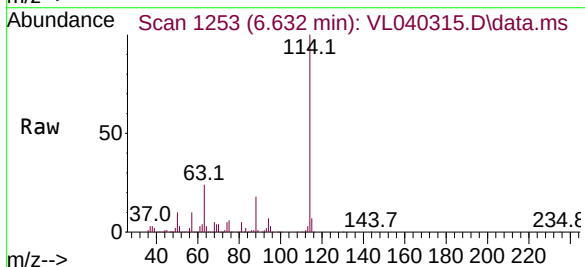
Manual Integrations
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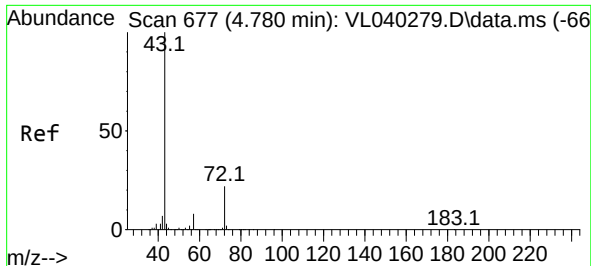
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.023 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

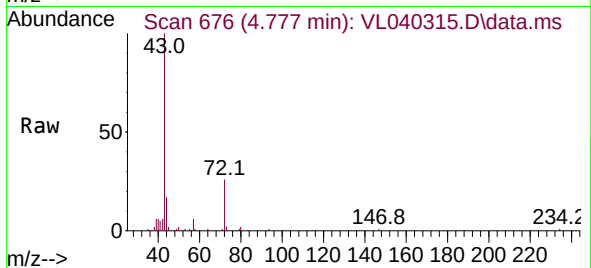
Tgt Ion:114 Resp: 2953325
Ion Ratio Lower Upper
114 100
63 24.2 21.2 31.8
88 17.8 14.5 21.7





#34
2-Butanone
Concen: 0.209 ppbv
RT: 4.777 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

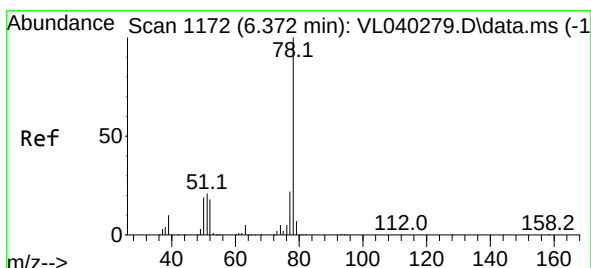
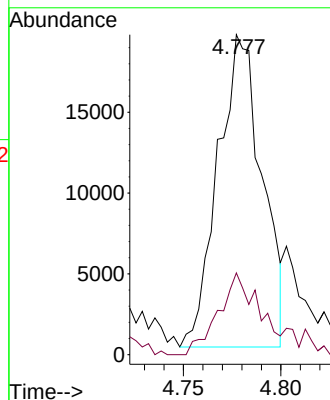
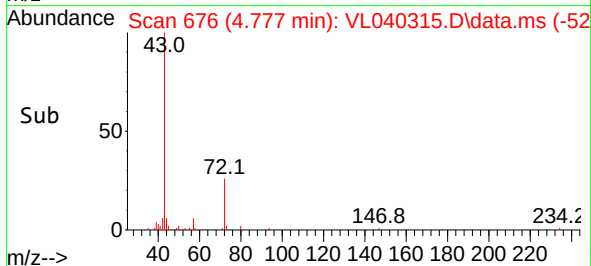
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 3045
Ion Ratio Lower Upper
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72 30.3 18.3 27.5

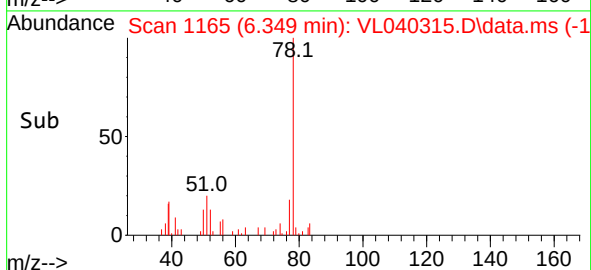
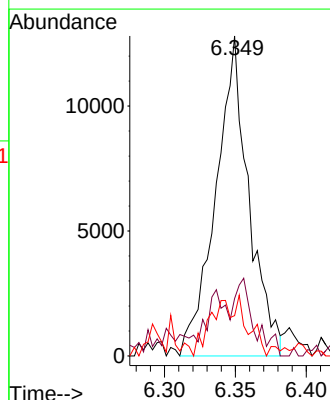
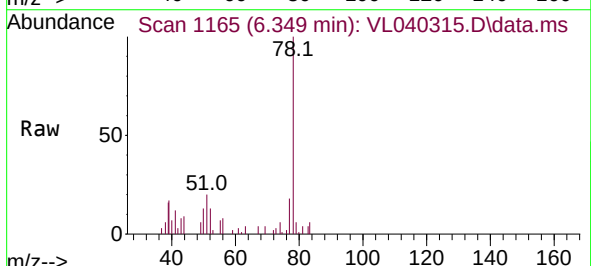
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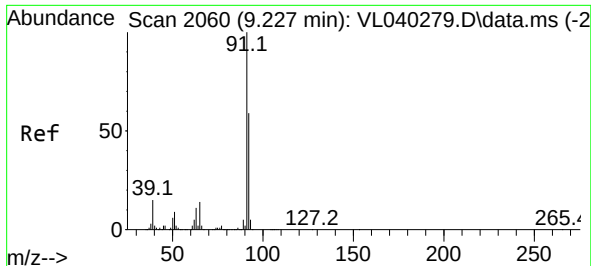
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#36
Benzene
Concen: 0.092 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.023 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

Tgt Ion: 78 Resp: 20816
Ion Ratio Lower Upper
78 100
77 17.9 17.8 26.8
50 11.0 15.4 23.2





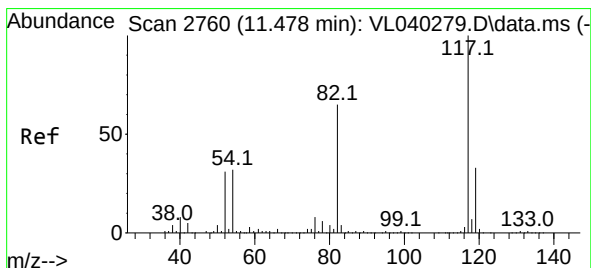
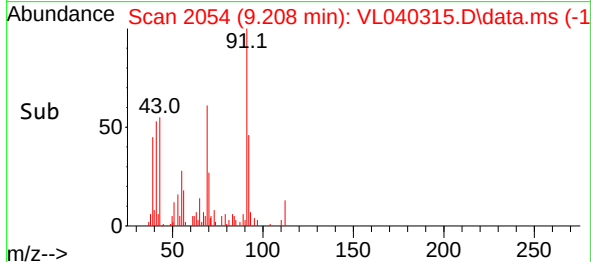
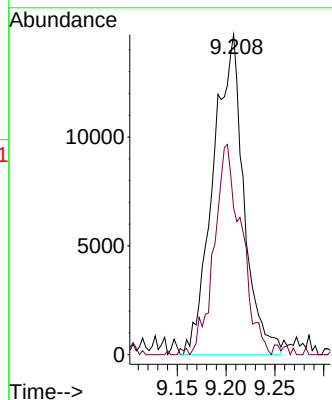
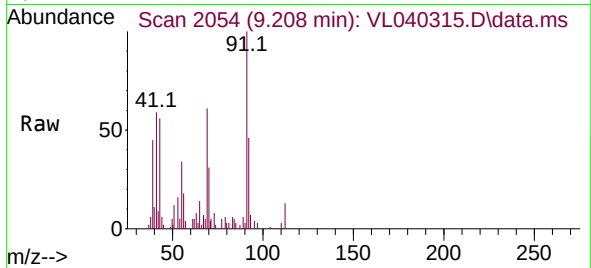
#53
Toluene
Concen: 0.136 ppbv m
RT: 9.208 min Scan# 2060
Delta R.T. -0.019 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 32179
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0

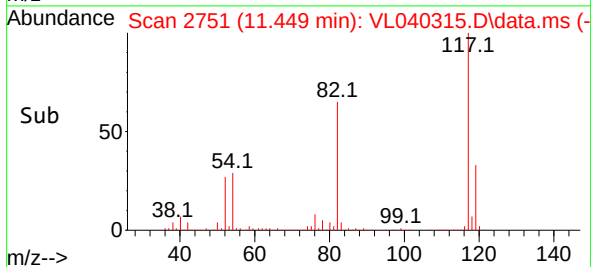
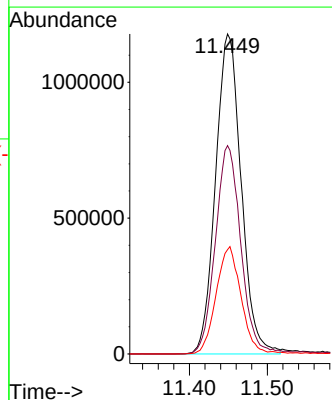
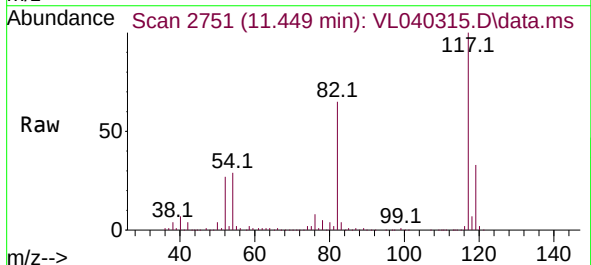
Manual Integrations
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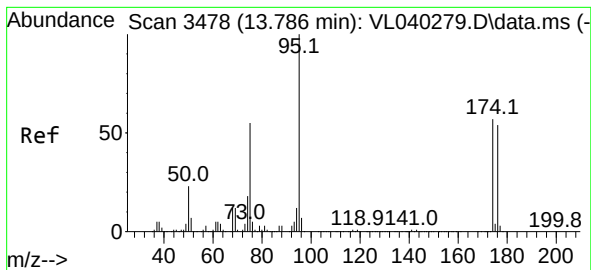
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. -0.029 min
Lab File: VL040315.D
Acq: 5 Apr 2023 13:36

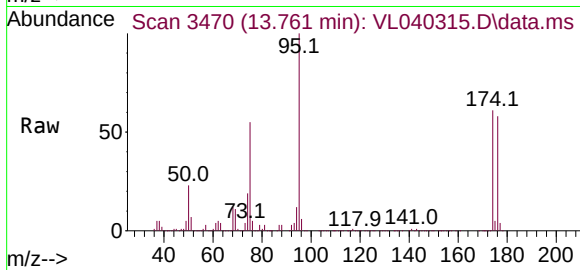
Tgt Ion:117 Resp: 2692509
Ion Ratio Lower Upper
117 100
82 66.1 51.4 77.2
119 33.1 24.0 36.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.687 ppbv
 RT: 13.761 min Scan# 3478
 Delta R.T. -0.025 min
 Lab File: VL040315.D
 Acq: 5 Apr 2023 13:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 2184228

Ion	Ratio	Lower	Upper
95	100		
174	62.5	47.0	70.6
175	4.4	3.4	5.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

