

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039315.D
 Acq On : 16 Jun 2022 4:04
 Operator : SY/AP
 Sample : N3338-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 06:03:55 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

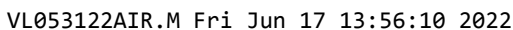
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

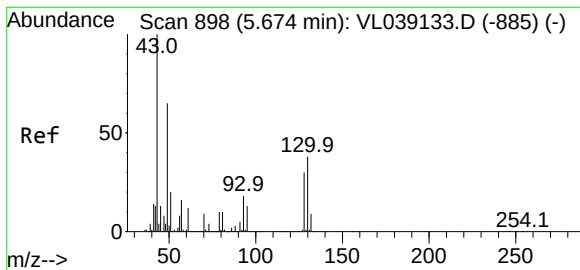
Internal Standards						
1) Bromochloromethane	5.655	49	1375725	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	3835911	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.066	117	3436116	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2625279	9.241	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.400%
Target Compounds						
					Qvalue	
9) Propene	3.009	41	63900	0.837	ppbv	88
13) Ethanol	3.591	45	731952	175.845	ppbv #	100
15) Acetone	3.841	43	282369m	1.970	ppbv	
17) tert-Butyl alcohol	4.292	59	20646m	0.186	ppbv	
19) Isopropyl Alcohol	3.957	45	220195	3.276	ppbv #	92
20) Methylene Chloride	4.340	84	18729	0.310	ppbv	95
26) Hexane	5.677	57	35300	0.249	ppbv #	44
29) Chloroform	5.735	83	44553	0.187	ppbv	89
34) 2-Butanone	5.240	43	48730m	0.234	ppbv	
38) Trichloroethene	7.816	130	25376	0.177	ppbv	89
52) Tetrachloroethene	11.205	164	21382m	0.176	ppbv	
53) Toluene	9.790	91	60266	0.168	ppbv	94
59) m/p-Xylene	12.950	91	72283m	0.173	ppbv	
74) 1,2,4-Trimethylbenzene	16.741	105	71305	0.154	ppbv #	58

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

Manual Integrations

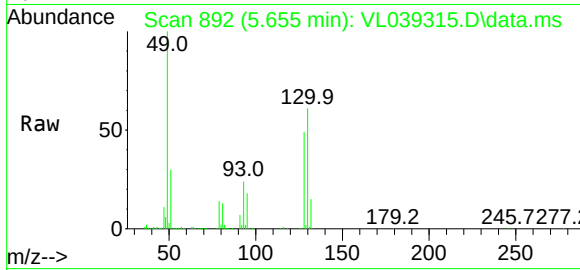
Quant Time: Jun 16 06:03:55 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

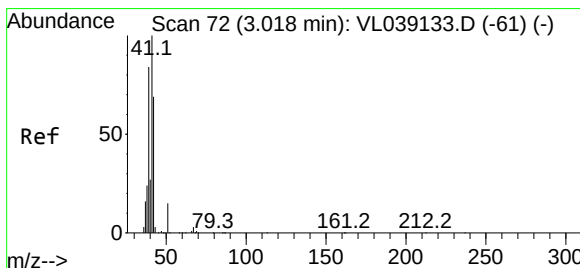
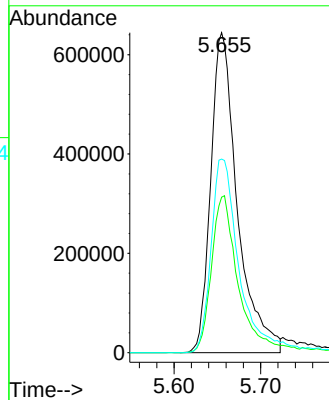
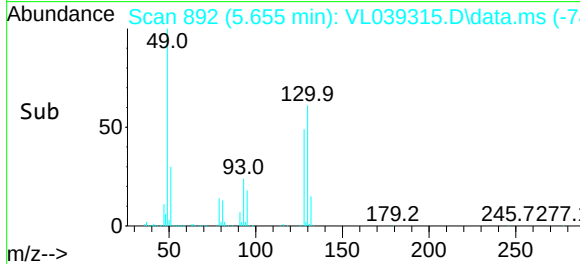
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 137572
Ion Ratio Lower Upper
49 100
128 51.4 24.7 74.1
130 65.3 31.4 94.0

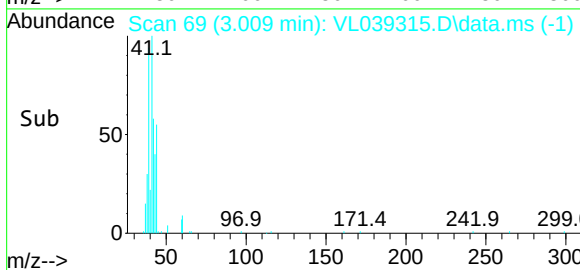
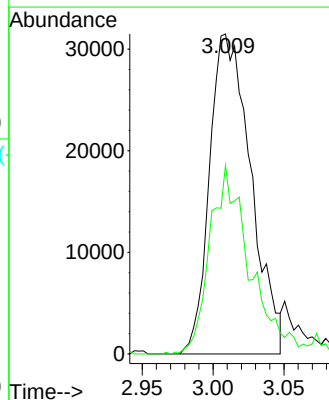
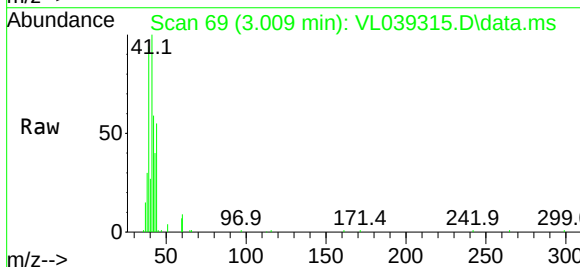
Manual Integrations
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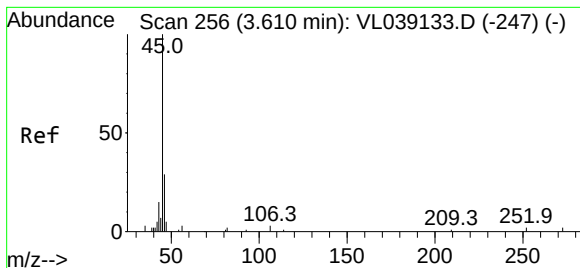
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#9
Propene
Concen: 0.837 ppbv
RT: 3.009 min Scan# 69
Delta R.T. -0.010 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

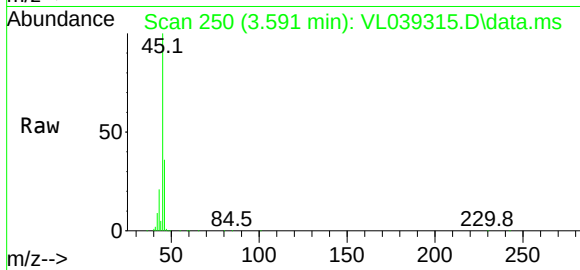
Tgt Ion: 41 Resp: 63900
Ion Ratio Lower Upper
41 100
42 59.7 55.4 83.2





#13
Ethanol
Concen: 175.845 ppbv
RT: 3.591 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

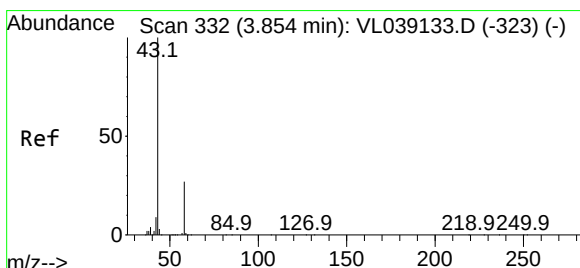
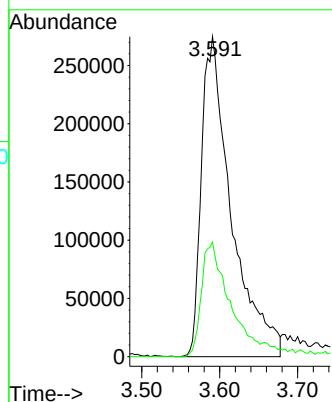
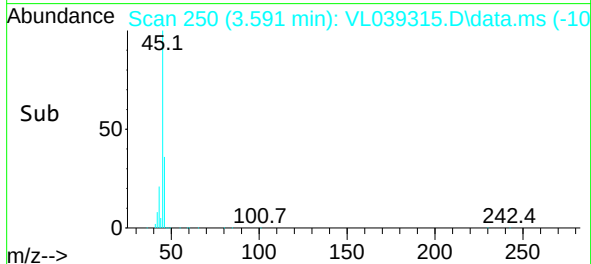
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



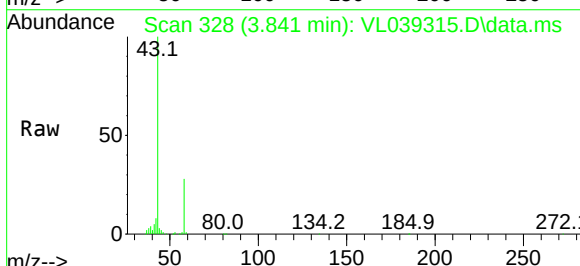
Tgt Ion: 45 Resp: 731952
Ion Ratio Lower Upper
45 100
46 36.1 0.0 0.0

Manual Integrations
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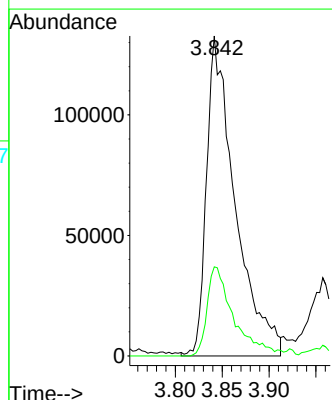
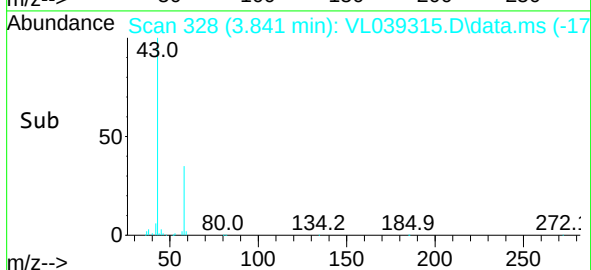
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

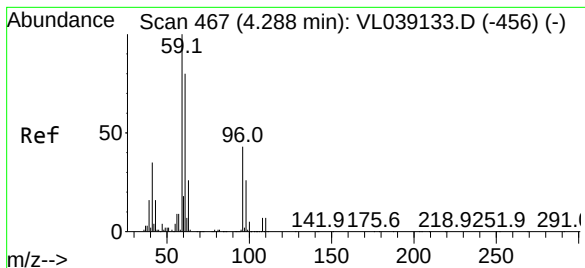


#15
Acetone
Concen: 1.970 ppbv m
RT: 3.841 min Scan# 328
Delta R.T. -0.013 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04



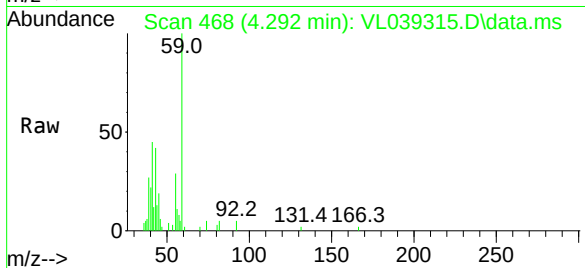
Tgt Ion: 43 Resp: 282369
Ion Ratio Lower Upper
43 100
58 26.5 22.5 33.7





#17
tert-Butyl alcohol
Concen: 0.186 ppbv m
RT: 4.292 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

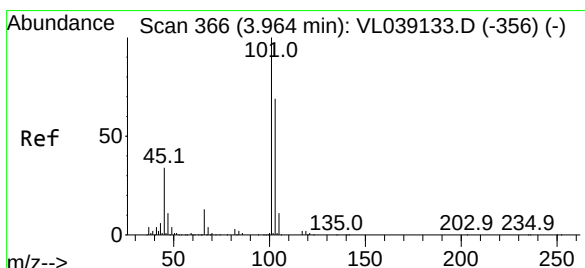
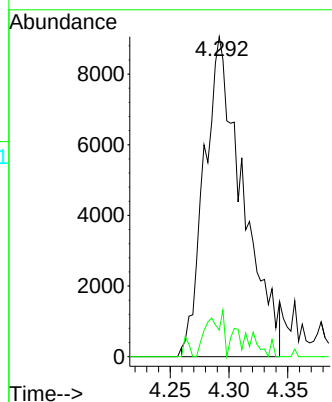
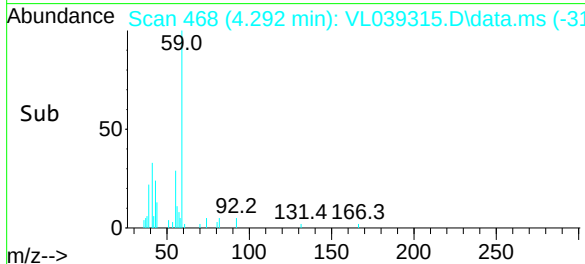
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



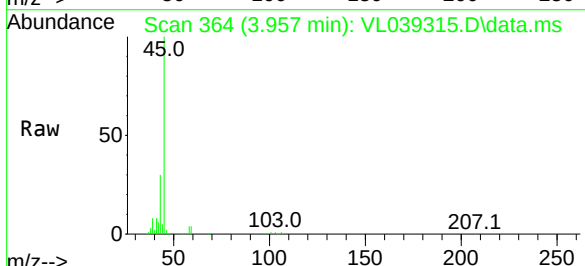
Tgt Ion: 59 Resp: 20640
Ion Ratio Lower Upper
59 100
57 11.5 9.1 13.7

Manual Integrations
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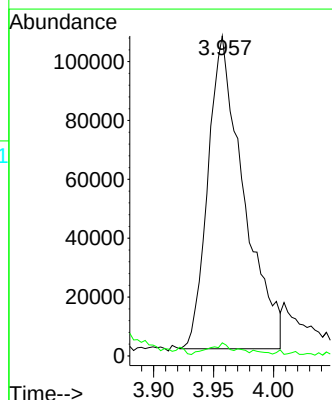
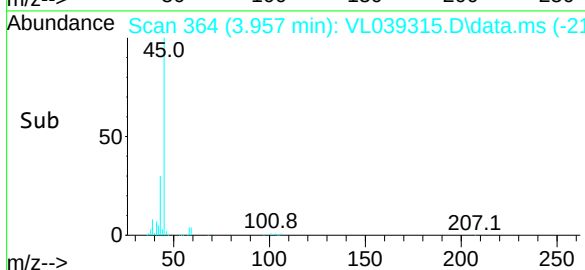
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

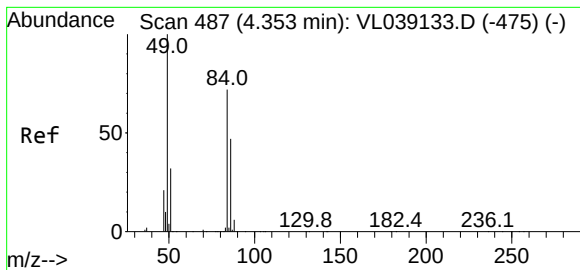


#19
Isopropyl Alcohol
Concen: 3.276 ppbv
RT: 3.957 min Scan# 364
Delta R.T. -0.006 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04



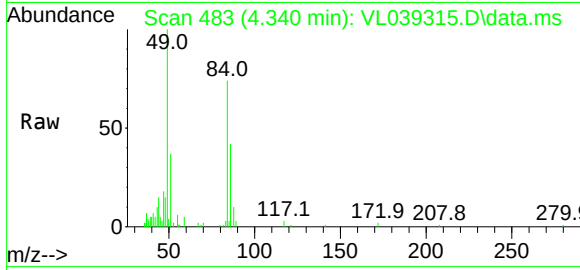
Tgt Ion: 45 Resp: 220195
Ion Ratio Lower Upper
45 100
58 5.2 1.8 2.8#





#20
Methylene Chloride
Concen: 0.310 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.013 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

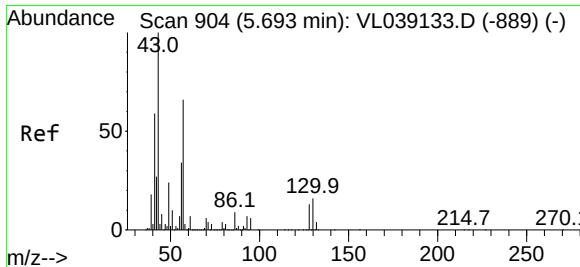
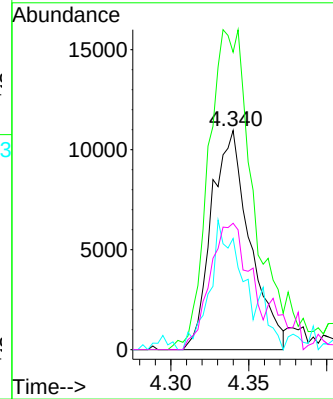
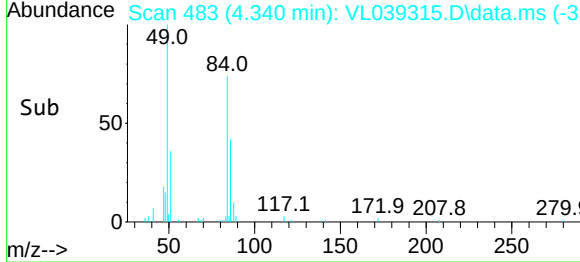
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



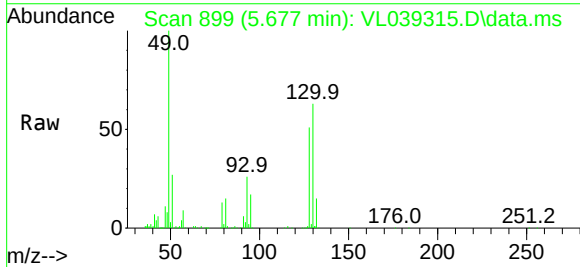
Tgt Ion: 84	Resp: 18729
Ion Ratio	Lower Upper
84	100
49	137.4 111.1 166.7
51	50.7 35.3 52.9
86	57.6 51.9 77.9

Manual Integrations
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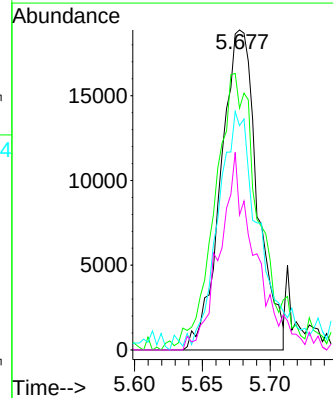
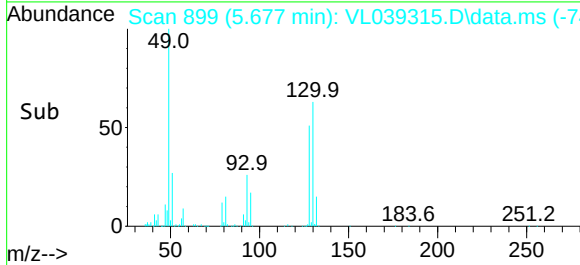
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

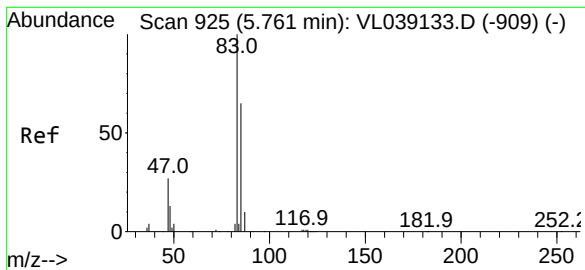


#26
Hexane
Concen: 0.249 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.016 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04



Tgt Ion: 57	Resp: 35300
Ion Ratio	Lower Upper
57	100
41	105.8 72.4 108.6
43	97.7 187.0 280.6#
56	59.8 41.8 62.6





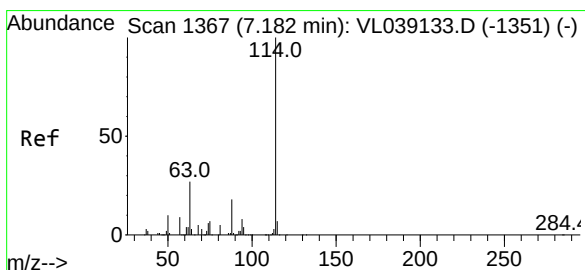
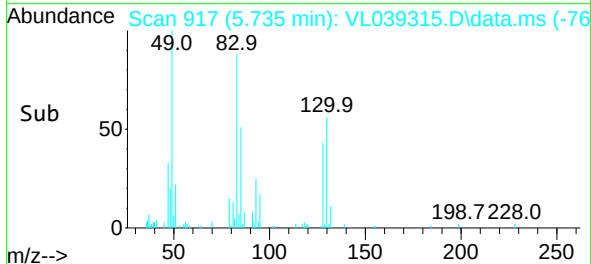
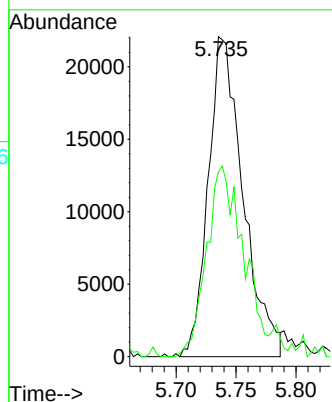
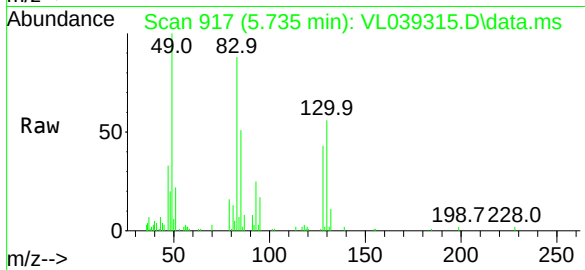
#29
Chloroform
Concen: 0.187 ppbv
RT: 5.735 min Scan# 917
Delta R.T. -0.026 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 83 Resp: 4455
Ion Ratio Lower Upper
83 100
85 56.6 52.4 78.6

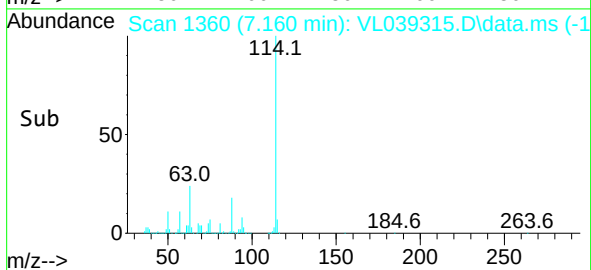
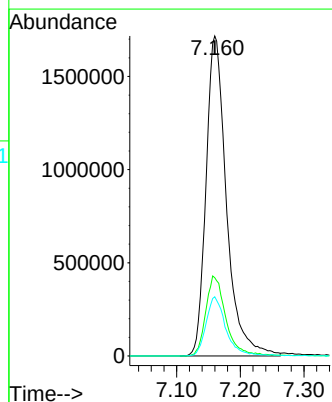
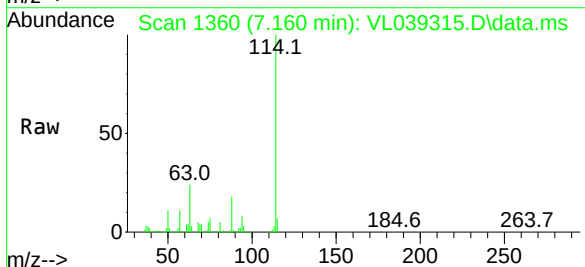
Manual Integrations
APPROVED

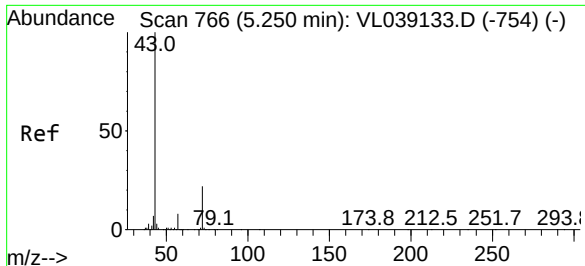
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.022 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

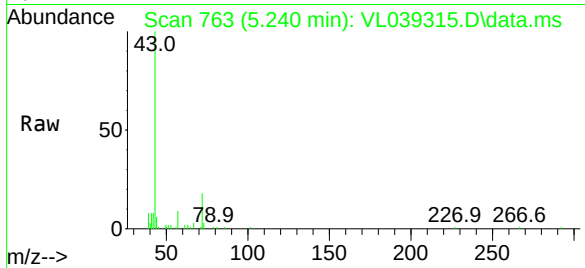
Tgt Ion:114 Resp: 3835911
Ion Ratio Lower Upper
114 100
63 24.9 21.7 32.5
88 18.1 14.8 22.2





#34
2-Butanone
Concen: 0.234 ppbv m
RT: 5.240 min Scan# 766
Delta R.T. -0.010 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

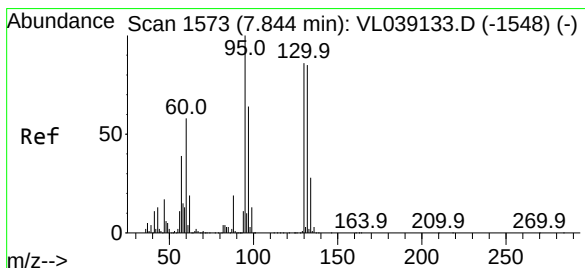
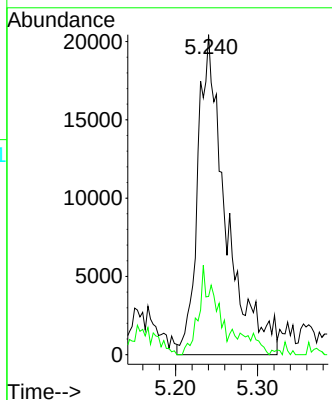
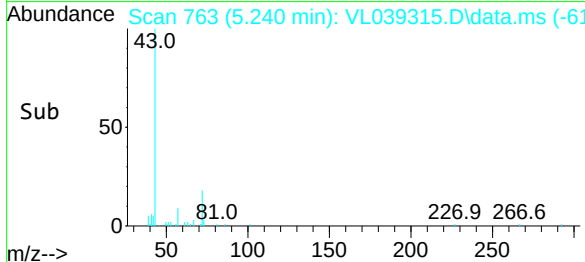
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 48730
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.2

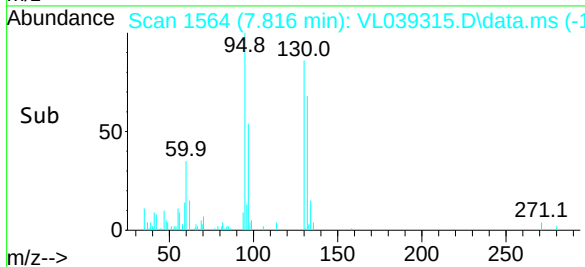
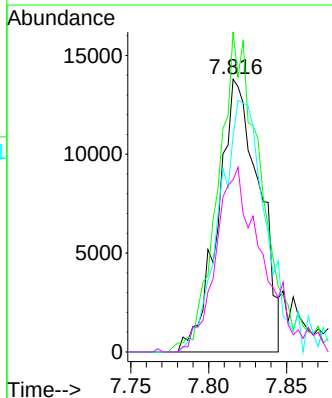
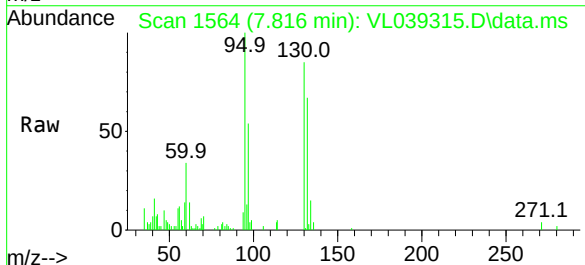
Manual Integrations
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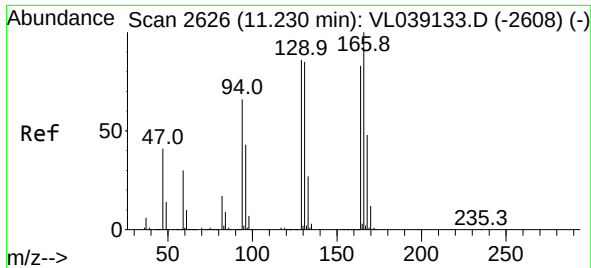
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#38
Trichloroethene
Concen: 0.177 ppbv
RT: 7.816 min Scan# 1564
Delta R.T. -0.029 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

Tgt Ion:130 Resp: 25376
Ion Ratio Lower Upper
130 100
95 113.0 93.3 139.9
132 79.1 79.0 118.4
97 63.1 59.4 89.2





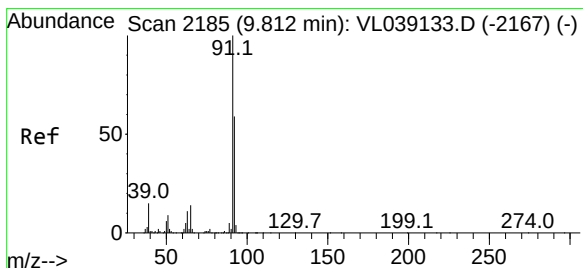
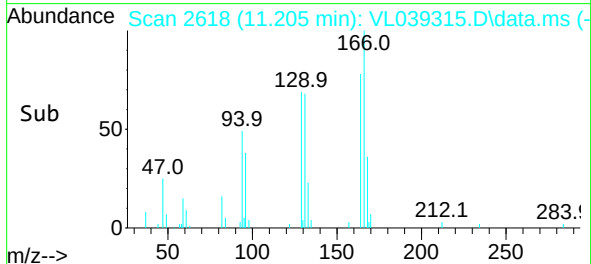
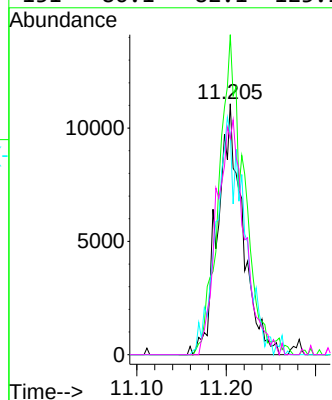
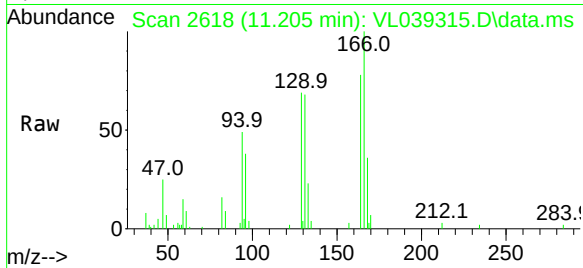
#52
Tetrachloroethene
Concen: 0.176 ppbv m
RT: 11.205 min Scan# 2138
Delta R.T. -0.026 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:164 Resp: 2138
Ion Ratio Lower Upper
164 100
166 127.5 96.3 144.5
129 88.1 82.5 123.7
131 86.1 82.1 123.1

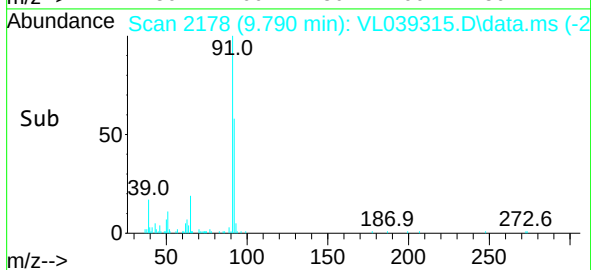
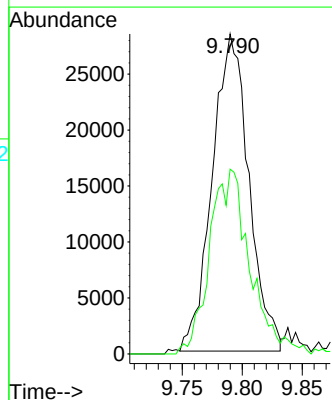
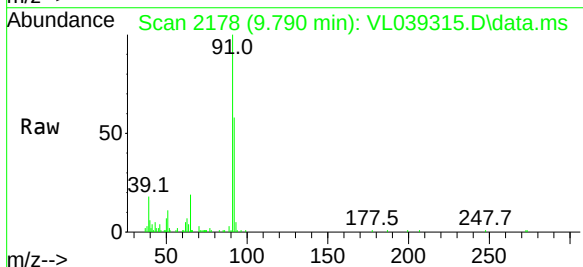
Manual Integrations
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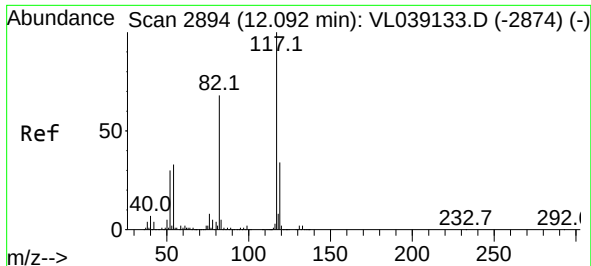
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#53
Toluene
Concen: 0.168 ppbv
RT: 9.790 min Scan# 2178
Delta R.T. -0.022 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

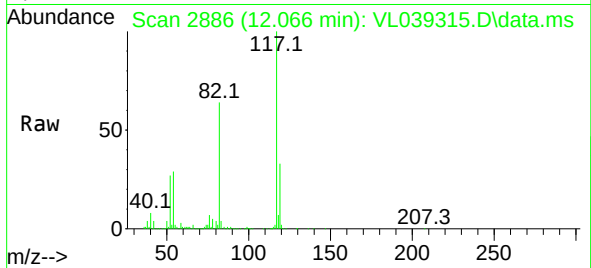
Tgt Ion: 91 Resp: 60266
Ion Ratio Lower Upper
91 100
92 64.7 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.026 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

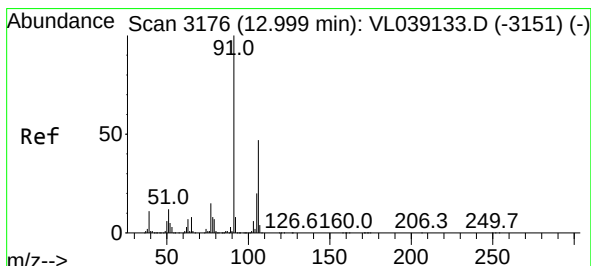
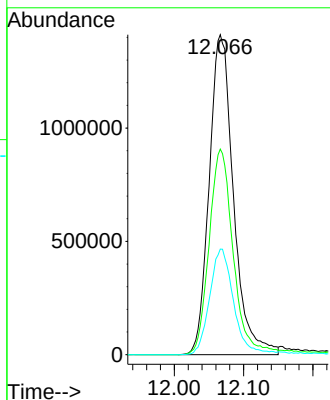
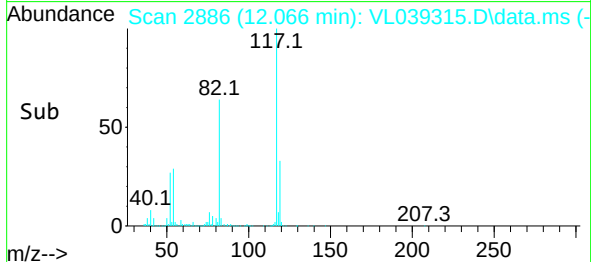
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



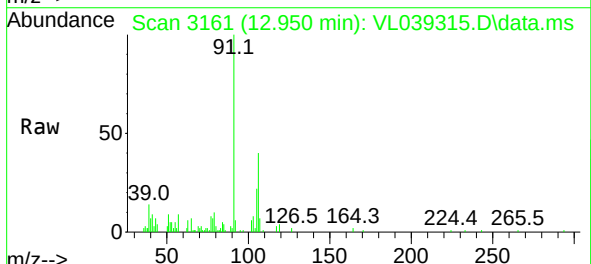
Tgt Ion: 117 Resp: 3436110
Ion Ratio Lower Upper
117 100
82 65.8 55.1 82.7
119 33.0 24.7 37.1

Manual Integrations
APPROVED

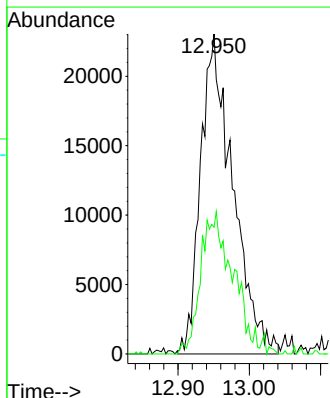
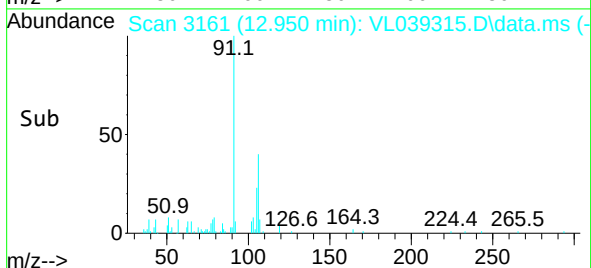
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

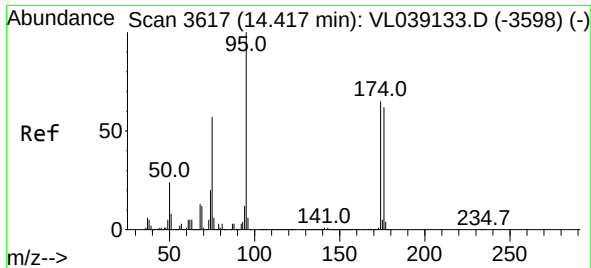


#59
m/p-Xylene
Concen: 0.173 ppbv m
RT: 12.950 min Scan# 3161
Delta R.T. -0.048 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04



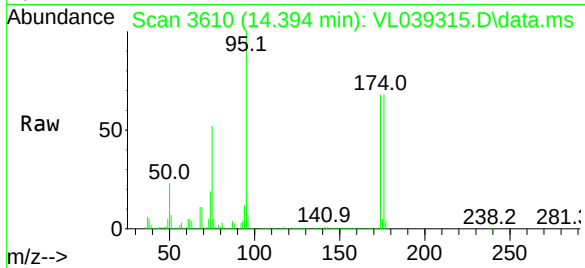
Tgt Ion: 91 Resp: 72283
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.241 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. -0.022 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04

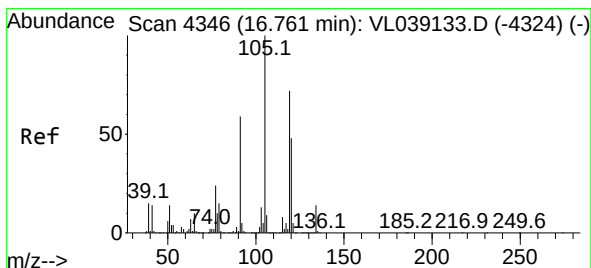
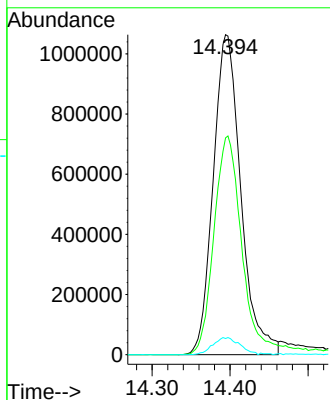
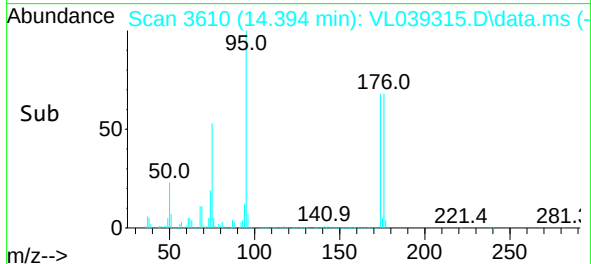
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



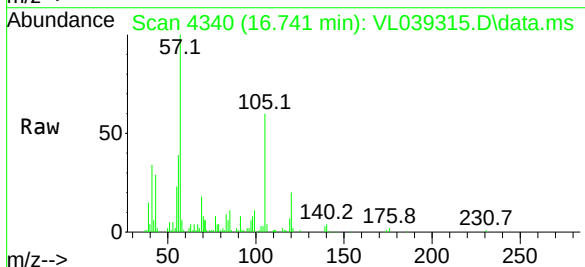
Tgt Ion: 95 Resp: 2625279
Ion Ratio Lower Upper
95 100
174 72.9 53.8 80.8
175 5.4 4.1 6.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.154 ppbv
RT: 16.741 min Scan# 4340
Delta R.T. -0.019 min
Lab File: VL039315.D
Acq: 16 Jun 2022 4:04



Tgt Ion:105 Resp: 71305
Ion Ratio Lower Upper
105 100
120 32.5 38.1 57.1#
91 11.3 47.4 71.0#
77 10.1 19.5 29.3#

