

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039283.D
 Acq On : 14 Jun 2022 16:44
 Operator : SY/AP
 Sample : N3330-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 03:19:43 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 03:19:43 2022

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

Response via : Initial Calibration

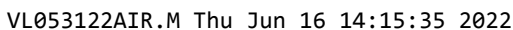
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

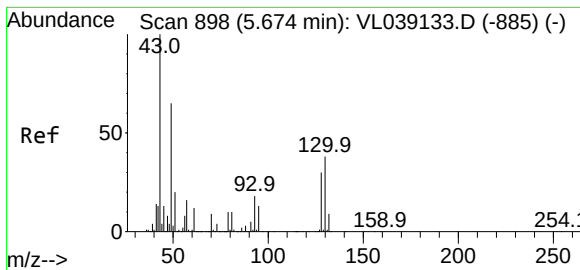
Internal Standards						
1) Bromochloromethane	5.674	49	1083020	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	2945093	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.095	117	2777607	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2252331	9.808	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	41895	0.220	ppbv	89
3) Chlorodifluoromethane	2.996	51	6913149	50.168	ppbv	96
4) Chloromethane	3.147	50	23441	0.331	ppbv	95
7) Chloroethane	3.568	64	3507m	0.152	ppbv	
9) Propene	3.021	41	120897	2.012	ppbv	90
10) Heptane	8.127	43	43657	0.311	ppbv	99
11) Trichlorofluoromethane	3.957	101	41660	0.242	ppbv	100
13) Ethanol	3.613	45	5106807	1558.446	ppbv #	100
15) Acetone	3.851	43	2479473	21.978	ppbv	97
17) tert-Butyl alcohol	4.311	59	179269	2.049	ppbv	100
19) Isopropyl Alcohol	3.976	45	464356	8.776	ppbv #	1
20) Methylene Chloride	4.349	84	1286837	27.067	ppbv	93
26) Hexane	5.693	57	1127199	10.088	ppbv #	78
29) Chloroform	5.754	83	184860	0.983	ppbv	90
30) Cyclohexane	7.156	84	20779m	0.221	ppbv	
31) cis-1,2-Dichloroethene	5.552	61	54461m	0.478	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	6329m	0.034	ppbv	
34) 2-Butanone	5.250	43	423374	2.646	ppbv	99
35) Carbon Tetrachloride	7.028	117	15384m	0.072	ppbv	
36) Benzene	6.896	78	1201073	5.023	ppbv	98
38) Trichloroethene	7.841	130	340943	3.104	ppbv	92
50) 4-Methyl-2-Pentanone	8.751	43	132531m	0.553	ppbv	
51) 2-Hexanone	10.153	43	65503m	0.351	ppbv	
52) Tetrachloroethene	11.291	164	33344099	357.179	ppbv	91
53) Toluene	9.809	91	179273	0.651	ppbv	99
58) Ethyl Benzene	12.719	91	56810m	0.148	ppbv	
59) m/p-Xylene	12.976	91	180565m	0.536	ppbv	
60) o-Xylene	13.693	91	78193	0.247	ppbv	99
61) Styrene	13.529	104	23430m	0.138	ppbv	
62) Isopropylbenzene	14.670	105	1133461	2.409	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.683	83	39340m	0.221	ppbv	
73) 1,3,5-Trimethylbenzene	16.002	105	70050m	0.209	ppbv	
74) 1,2,4-Trimethylbenzene	16.760	105	183184	0.490	ppbv #	61
79) Naphthalene	22.185	128	39107m	0.136	ppbv	

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

Manual Integrations

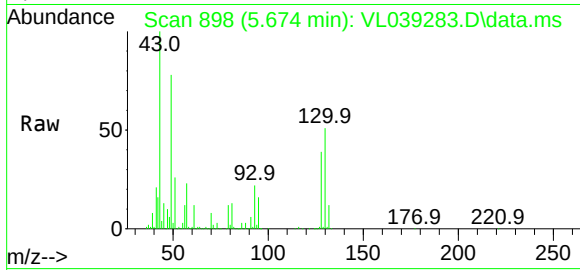
Quant Time: Jun 15 03:19:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.000 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

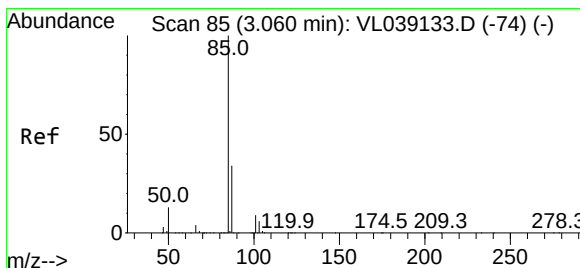
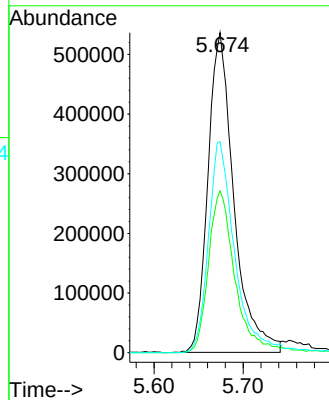
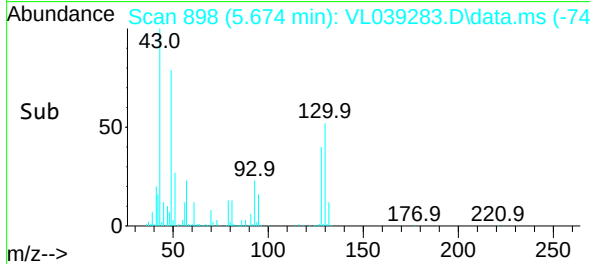
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



Tgt Ion: 49 Resp: 1083020
Ion Ratio Lower Upper
49 100
128 52.8 24.7 74.1
130 68.0 31.4 94.0

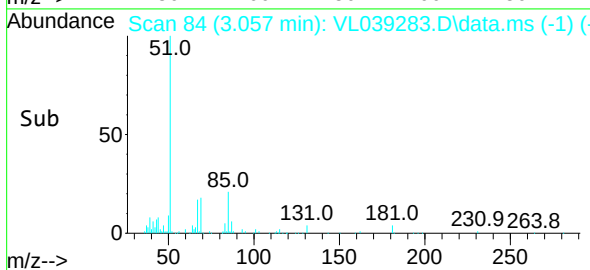
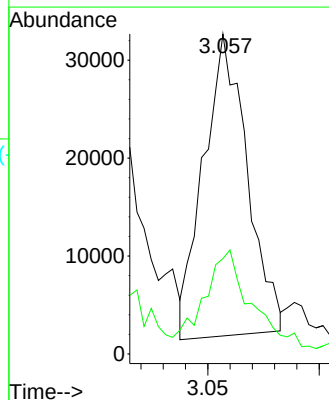
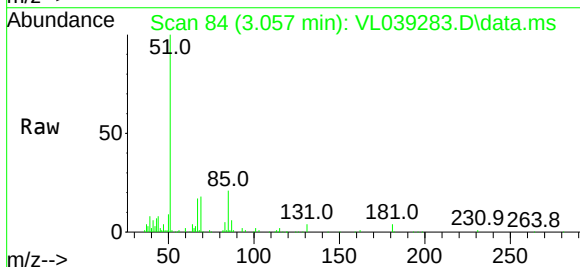
Manual Integrations
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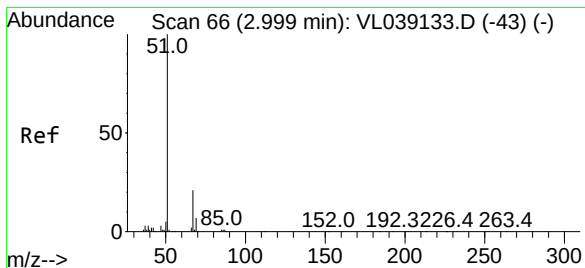
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#2
Dichlorodifluoromethane
Concen: 0.220 ppbv
RT: 3.057 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

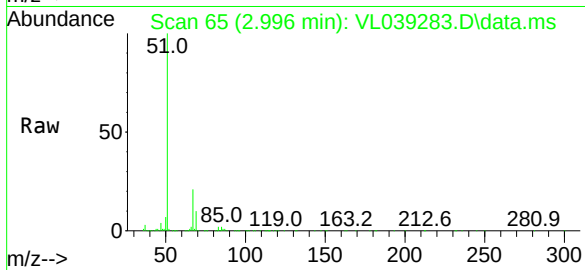
Tgt Ion: 85 Resp: 41895
Ion Ratio Lower Upper
85 100
87 27.5 26.9 40.3





#3
Chlorodifluoromethane
Concen: 50.168 ppbv
RT: 2.996 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

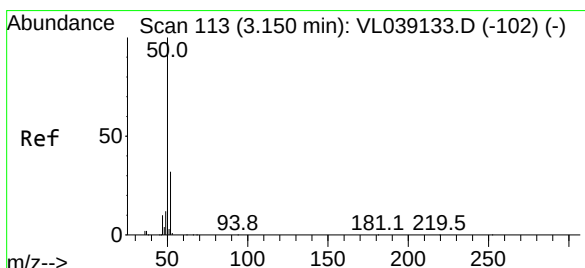
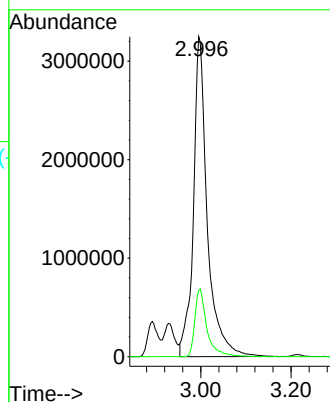
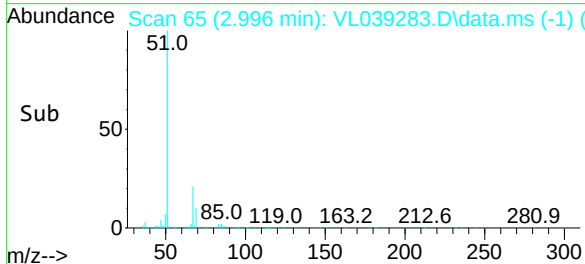
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



Tgt Ion: 51 Resp: 6913149
Ion Ratio Lower Upper
51 100
67 18.5 16.2 24.4

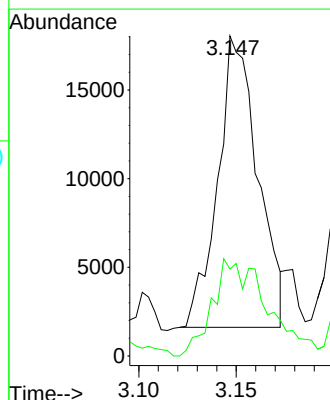
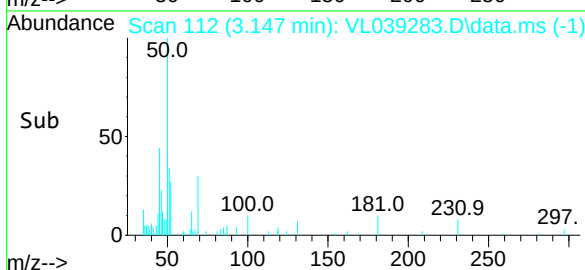
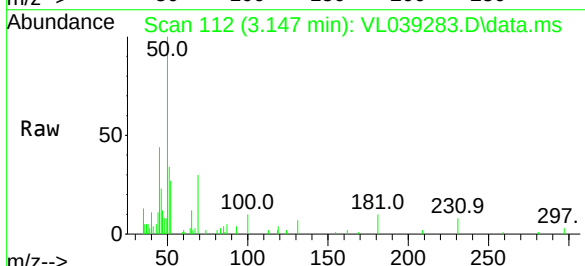
Manual Integrations
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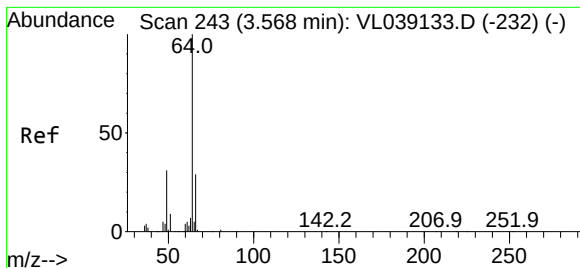
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#4
Chloromethane
Concen: 0.331 ppbv
RT: 3.147 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

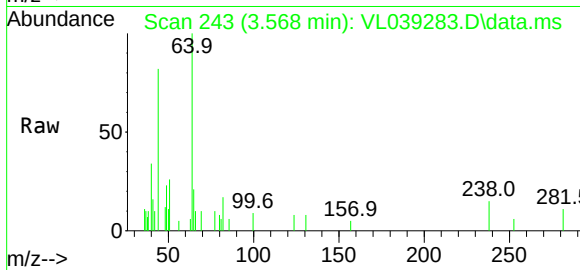
Tgt Ion: 50 Resp: 23441
Ion Ratio Lower Upper
50 100
52 29.8 25.9 38.9





#7
Chloroethane
Concen: 0.152 ppbv m
RT: 3.568 min Scan# 243
Delta R.T. -0.000 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

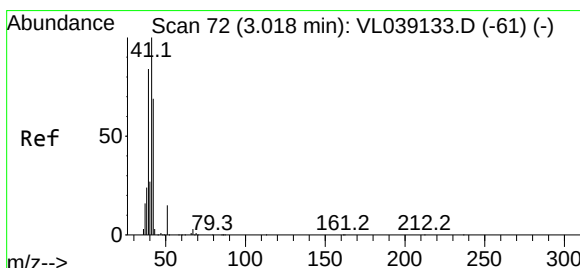
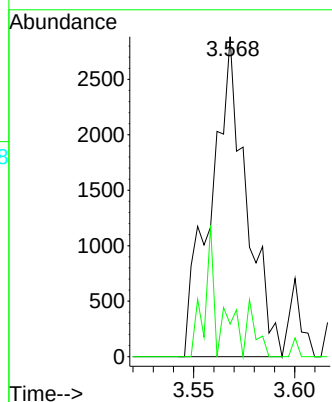
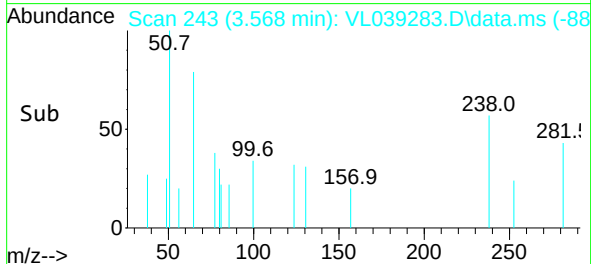
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



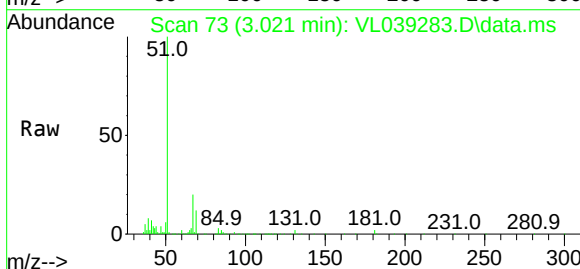
Tgt Ion: 64 Resp: 350
Ion Ratio Lower Upper
64 100
66 10.2 23.6 35.4

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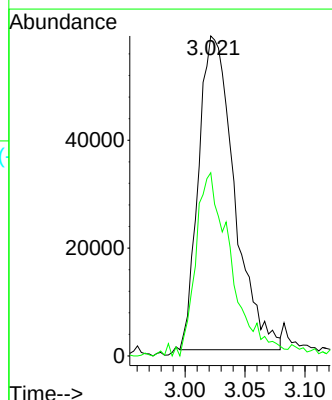
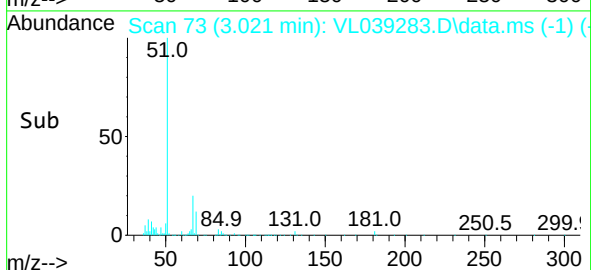
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

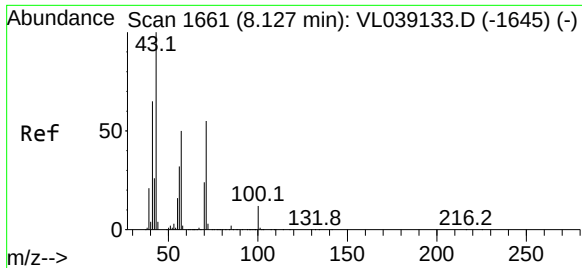


#9
Propene
Concen: 2.012 ppbv
RT: 3.021 min Scan# 73
Delta R.T. 0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



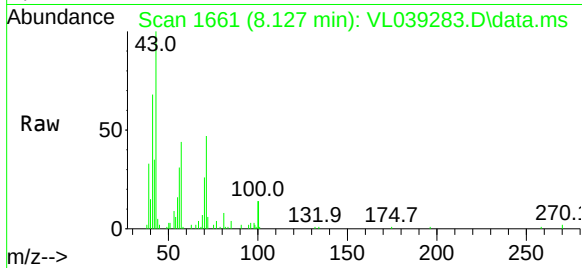
Tgt Ion: 41 Resp: 120897
Ion Ratio Lower Upper
41 100
42 60.9 55.4 83.2





#10
Heptane
Concen: 0.311 ppbv
RT: 8.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

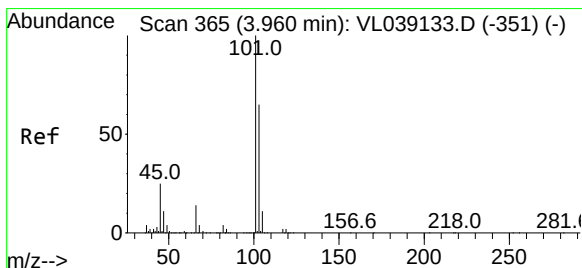
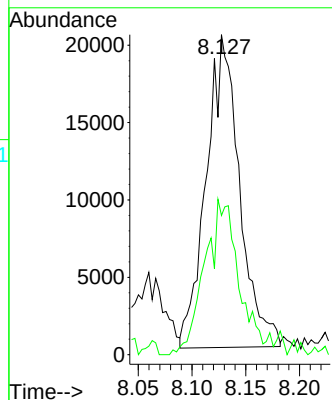
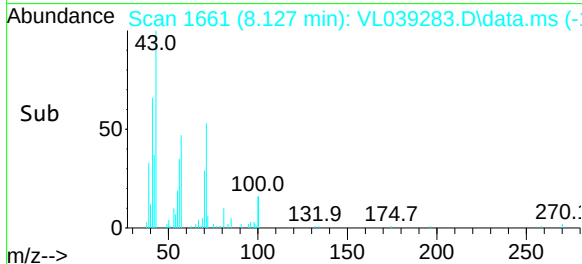
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



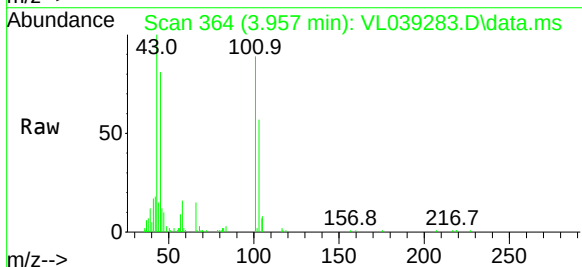
Tgt Ion: 43 Resp: 4365
Ion Ratio Lower Upper
43 100
57 51.4 41.4 62.2

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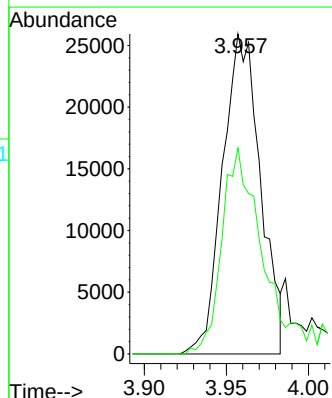
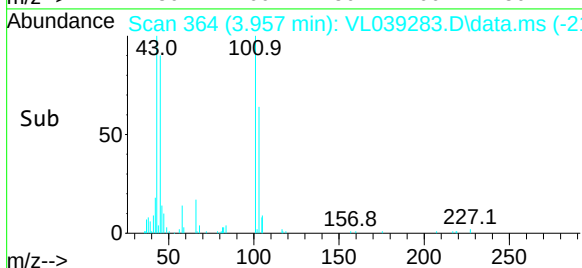
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

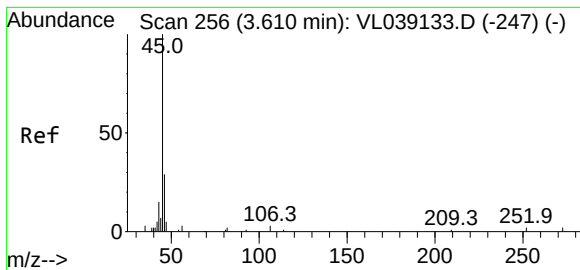


#11
Trichlorofluoromethane
Concen: 0.242 ppbv
RT: 3.957 min Scan# 364
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



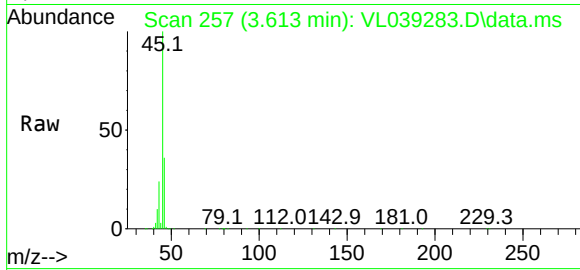
Tgt Ion:101 Resp: 41660
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5





#13
Ethanol
Concen: 1558.446 ppbv
RT: 3.613 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

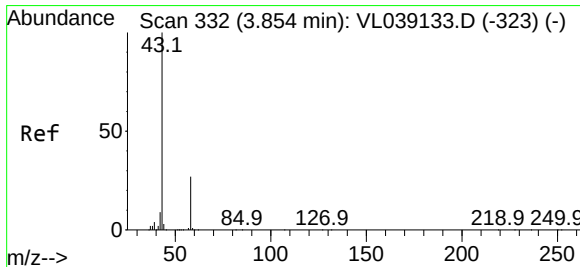
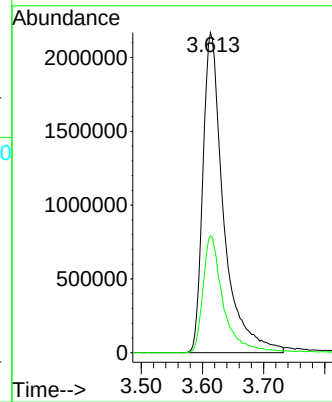
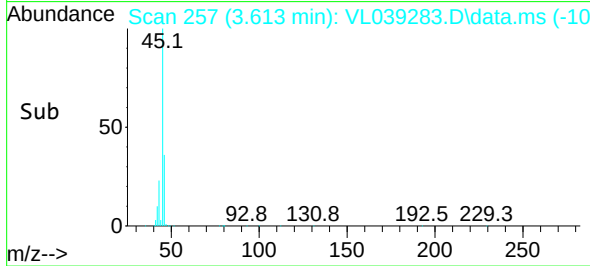
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



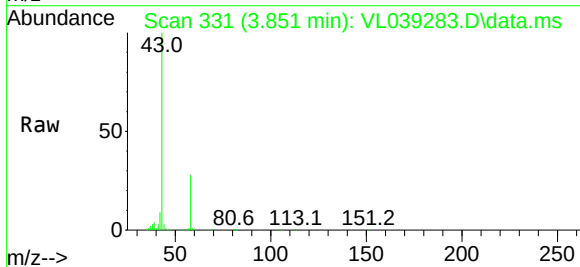
Tgt Ion: 45 Resp: 510680
Ion Ratio Lower Upper
45 100
46 36.4 0.0 0.0

Manual Integrations
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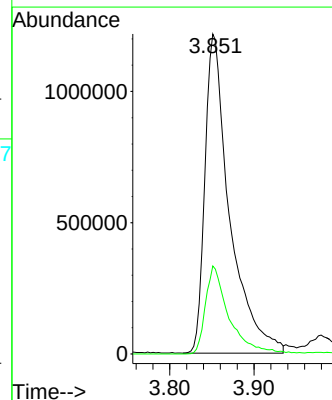
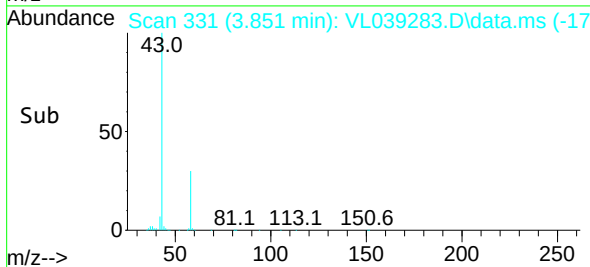
Reviewed By :Semsettin Yesilyurt 06/16/2022
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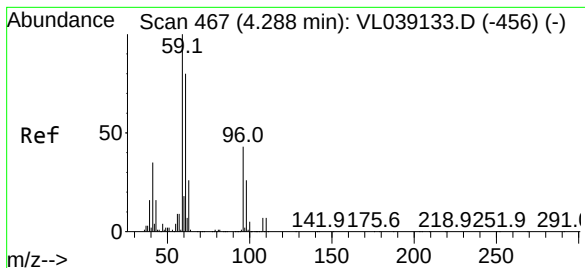


#15
Acetone
Concen: 21.978 ppbv
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



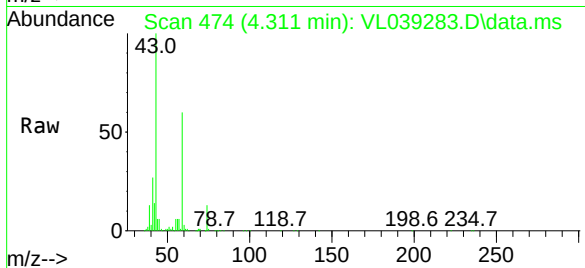
Tgt Ion: 43 Resp: 2479473
Ion Ratio Lower Upper
43 100
58 26.4 22.5 33.7





#17
tert-Butyl alcohol
Concen: 2.049 ppbv
RT: 4.311 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

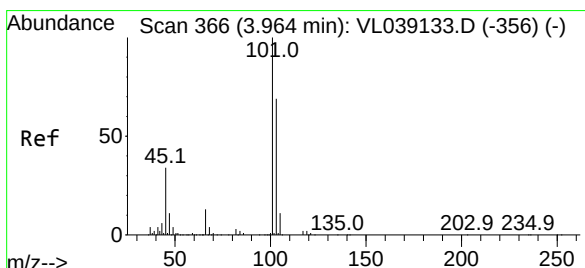
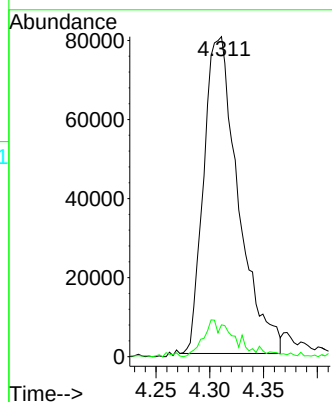
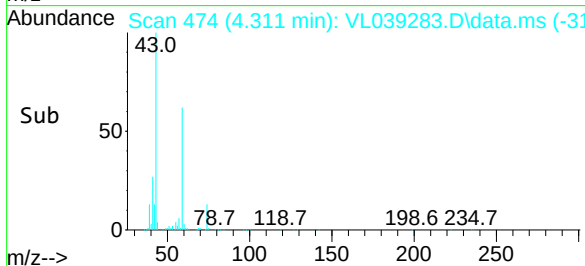
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



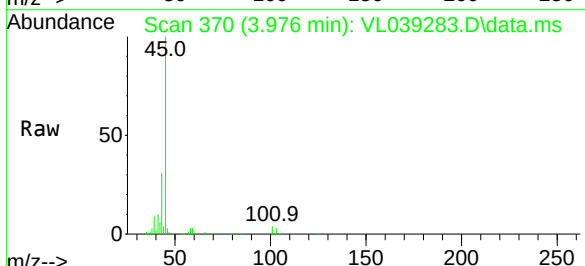
Tgt Ion: 59 Resp: 179269
Ion Ratio Lower Upper
59 100
57 11.3 9.1 13.7

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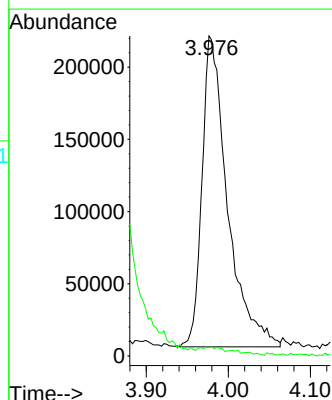
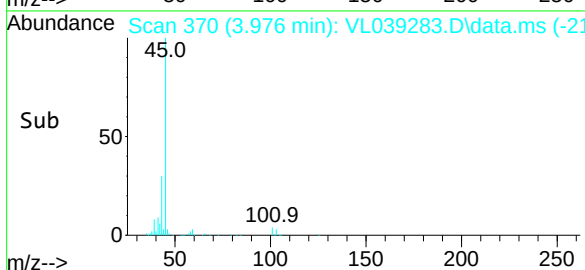
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

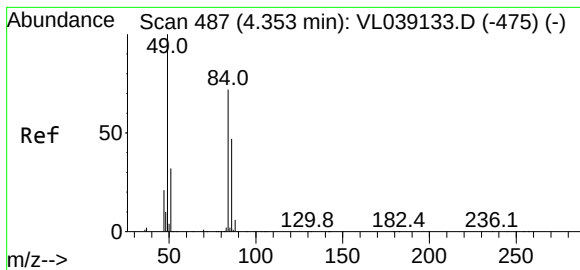


#19
Isopropyl Alcohol
Concen: 8.776 ppbv
RT: 3.976 min Scan# 370
Delta R.T. 0.013 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



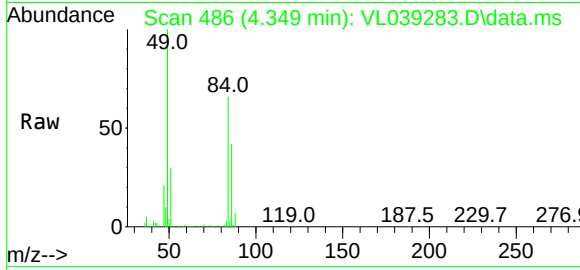
Tgt Ion: 45 Resp: 464356
Ion Ratio Lower Upper
45 100
58 140.8 1.8 2.8#





#20
Methylene Chloride
Concen: 27.067 ppbv
RT: 4.349 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2

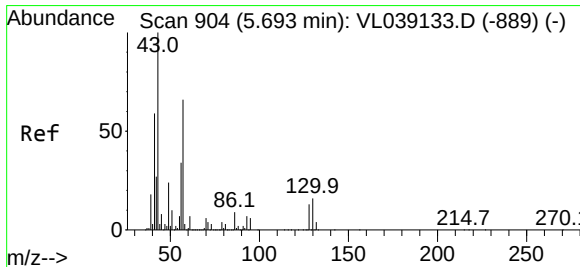
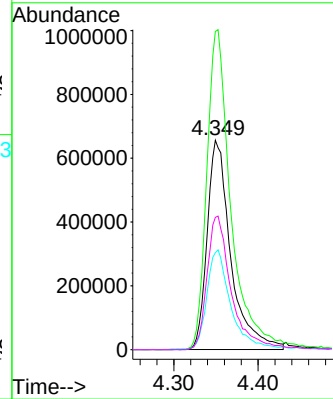
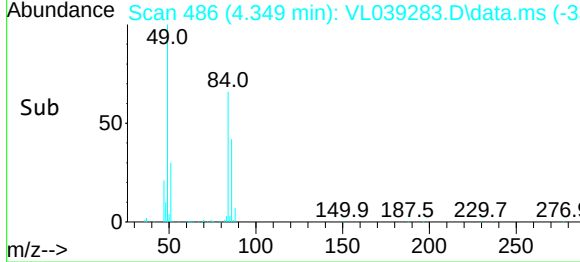


Tgt Ion: 84 Resp: 128683

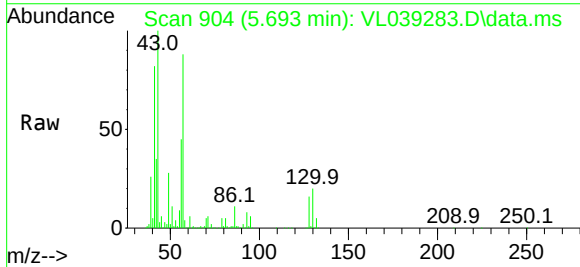
Ion	Ratio	Lower	Upper
84	100		
49	151.8	111.1	166.7
51	46.0	35.3	52.9
86	63.2	51.9	77.9

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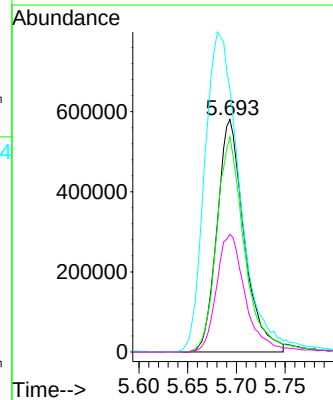
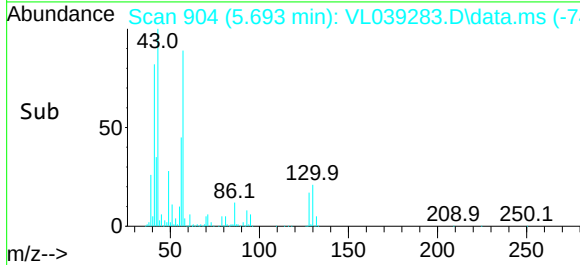


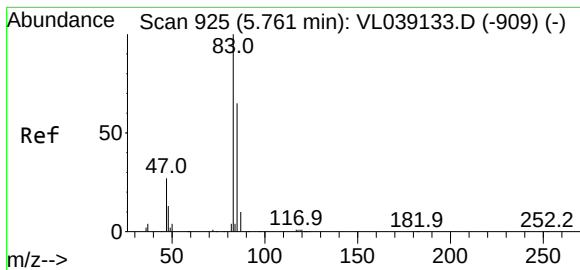
#26
Hexane
Concen: 10.088 ppbv
RT: 5.693 min Scan# 904
Delta R.T. -0.000 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



Tgt Ion: 57 Resp: 1127199

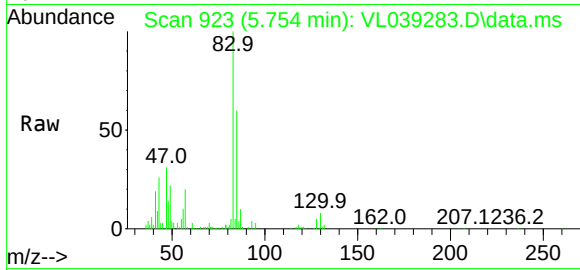
Ion	Ratio	Lower	Upper
57	100		
41	95.7	72.4	108.6
43	179.2	187.0	280.6#
56	54.6	41.8	62.6





#29
Chloroform
Concen: 0.983 ppbv
RT: 5.754 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

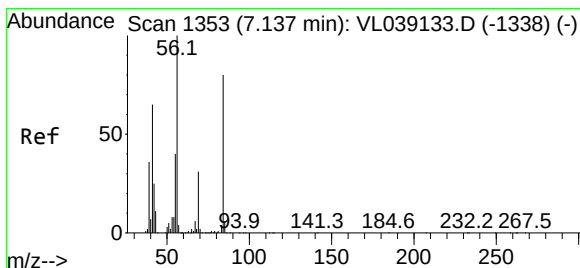
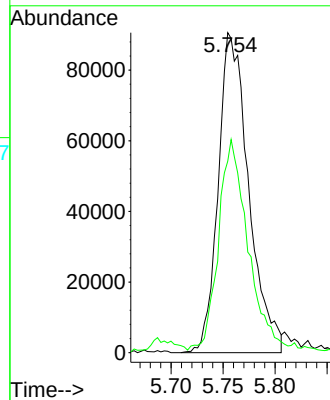
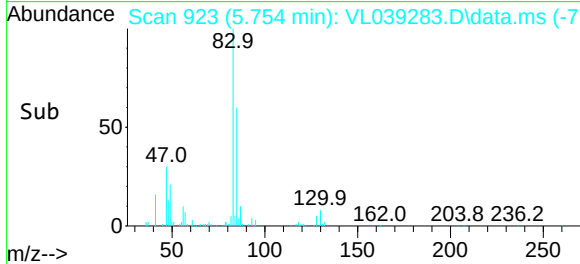
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



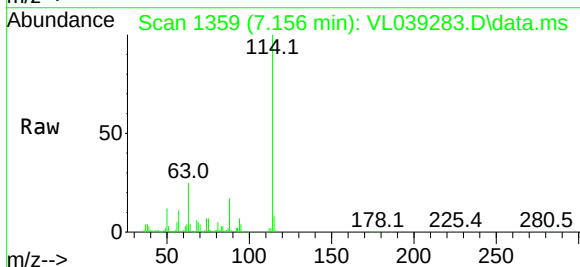
Tgt Ion: 83 Resp: 184860
Ion Ratio Lower Upper
83 100
85 57.7 52.4 78.6

Manual Integrations
APPROVED

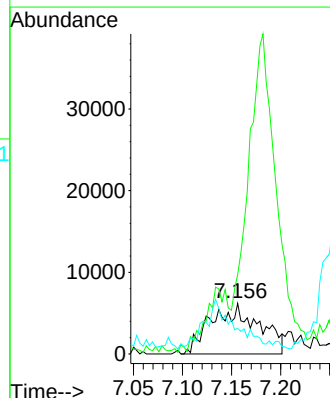
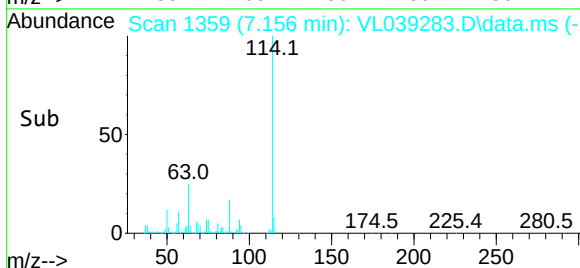
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

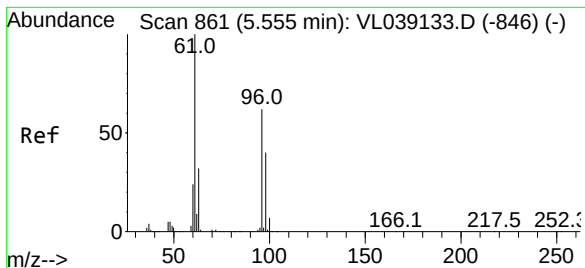


#30
Cyclohexane
Concen: 0.221 ppbv m
RT: 7.156 min Scan# 1359
Delta R.T. 0.019 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



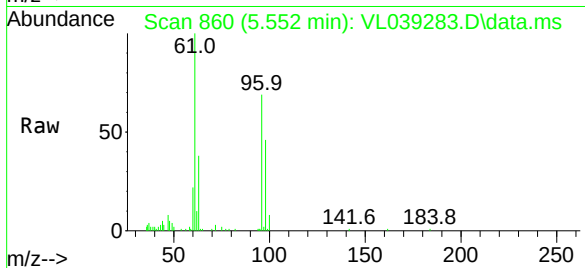
Tgt Ion: 84 Resp: 20779
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 59.4 68.9 103.3#





#31
 cis-1,2-Dichloroethene
 Concen: 0.478 ppbv m
 RT: 5.552 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

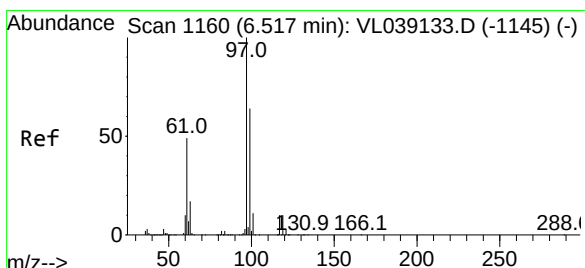
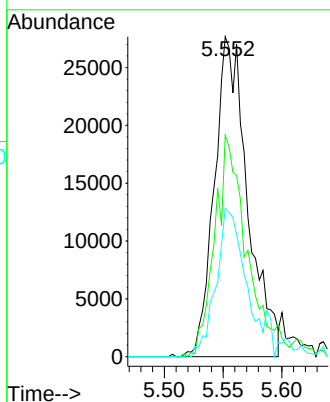
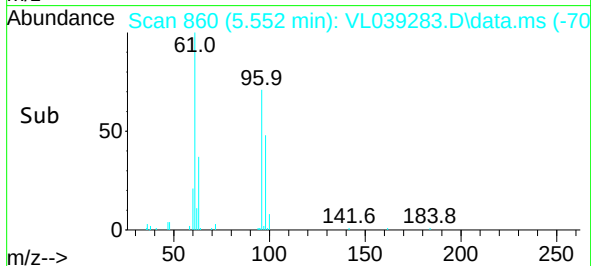
Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2



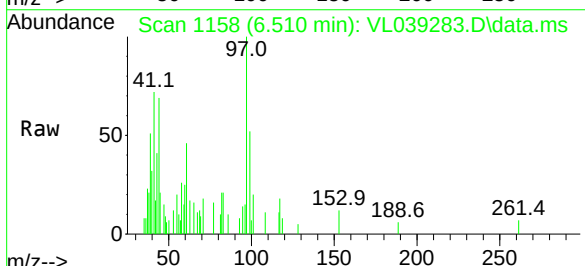
Tgt Ion: 61 Resp: 5446
 Ion Ratio Lower Upper
 61 100
 96 69.2 49.9 74.9
 98 46.4 32.0 48.0

Manual Integrations
 APPROVED

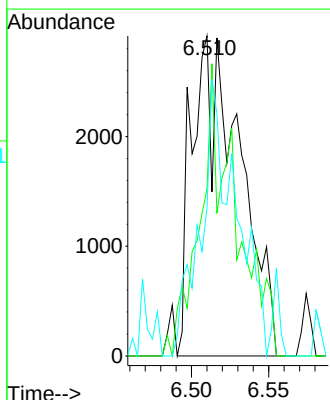
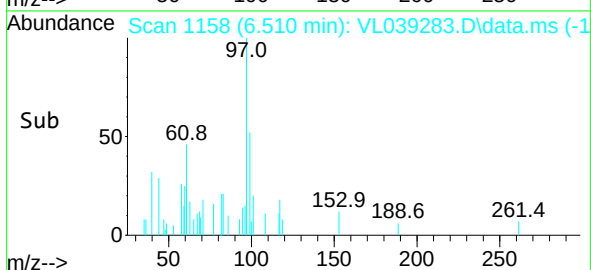
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

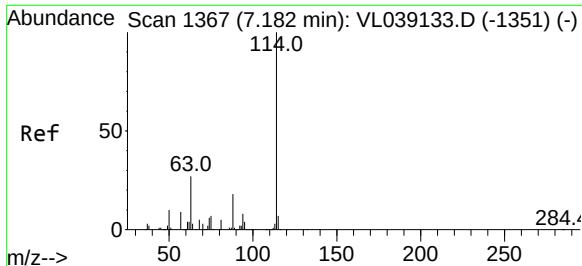


#32
 1,1,1-Trichloroethane
 Concen: 0.034 ppbv m
 RT: 6.510 min Scan# 1158
 Delta R.T. -0.007 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44



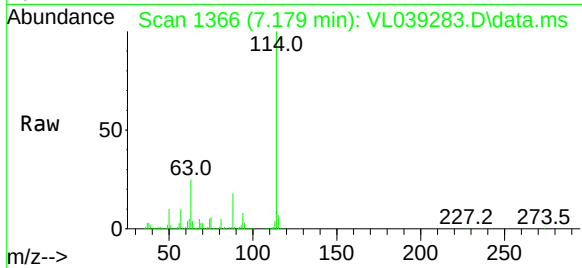
Tgt Ion: 97 Resp: 6329
 Ion Ratio Lower Upper
 97 100
 99 67.5 52.1 78.1
 61 67.5 40.0 60.0#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

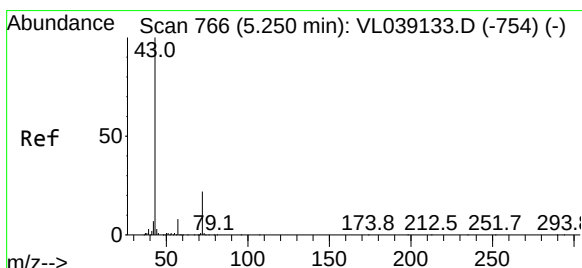
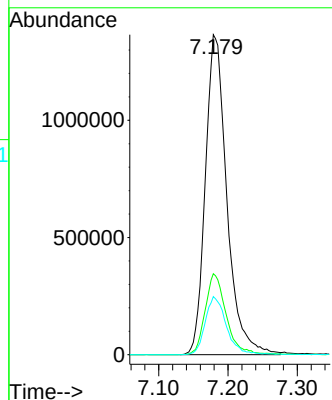
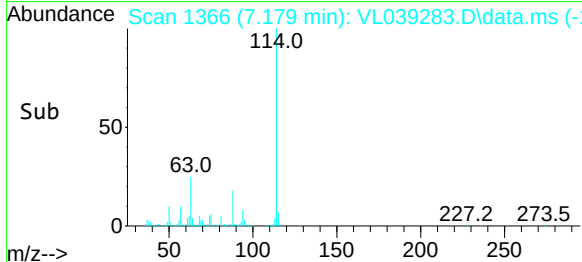
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



Tgt Ion:114 Resp: 294509
Ion Ratio Lower Upper
114 100
63 24.8 21.7 32.5
88 18.0 14.8 22.2

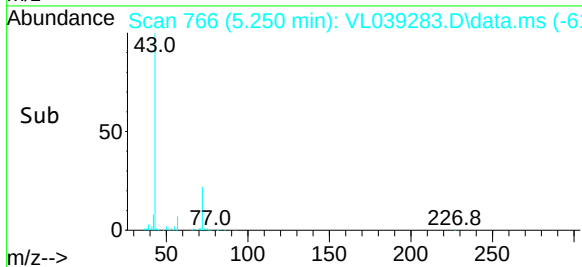
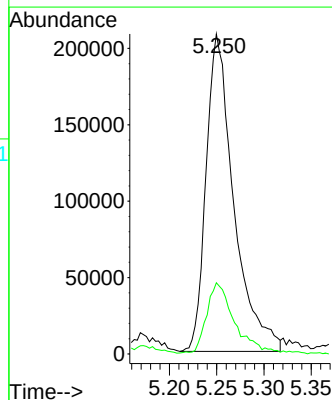
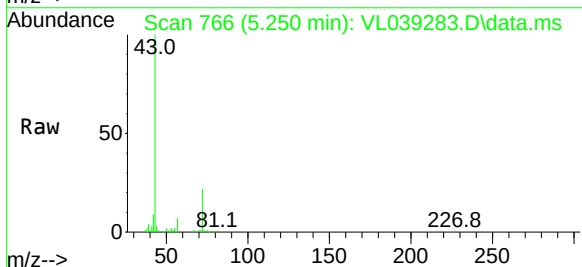
Manual Integrations
APPROVED

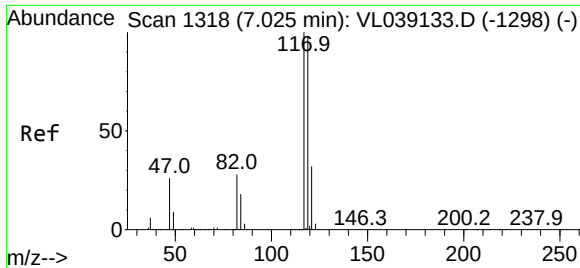
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#34
2-Butanone
Concen: 2.646 ppbv
RT: 5.250 min Scan# 766
Delta R.T. -0.000 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

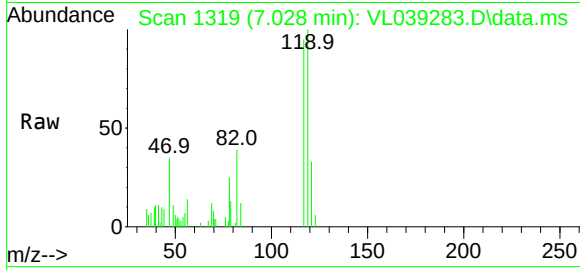
Tgt Ion: 43 Resp: 423374
Ion Ratio Lower Upper
43 100
72 22.4 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.072 ppbv m
RT: 7.028 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

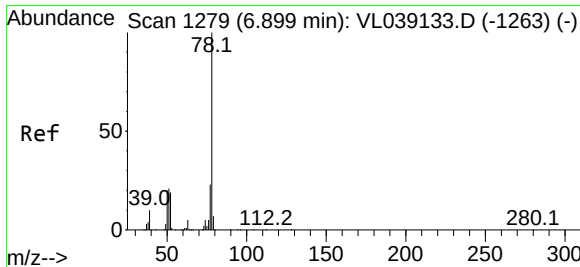
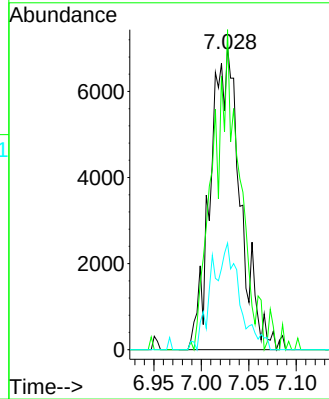
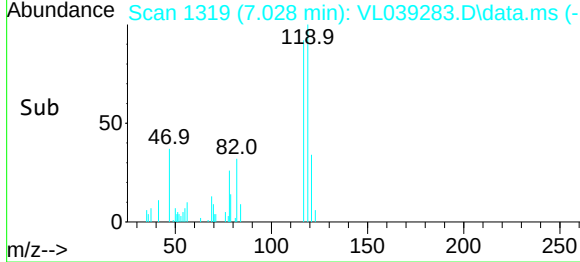
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



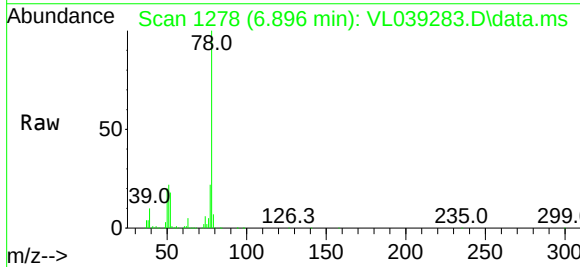
Tgt Ion: 117 Resp: 15384
Ion Ratio Lower Upper
117 100
119 105.8 78.6 118.0
121 35.2 25.4 38.0

Manual Integrations
APPROVED

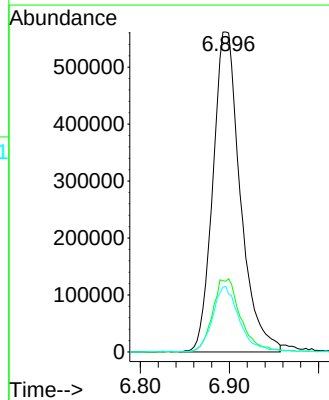
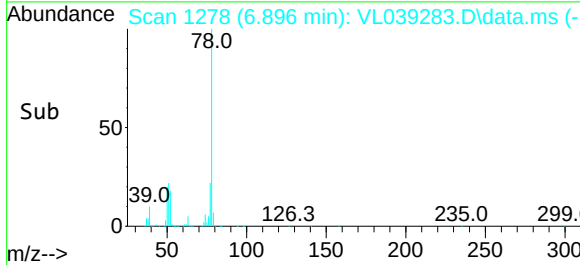
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

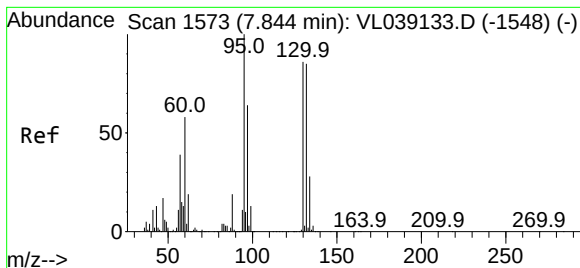


#36
Benzene
Concen: 5.023 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



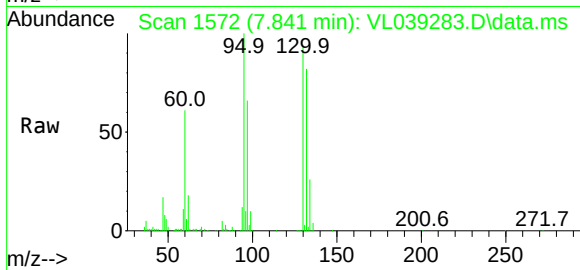
Tgt Ion: 78 Resp: 1201073
Ion Ratio Lower Upper
78 100
77 22.1 18.6 27.8
50 20.3 15.8 23.8





#38
Trichloroethene
Concen: 3.104 ppbv
RT: 7.841 min Scan# 1573
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

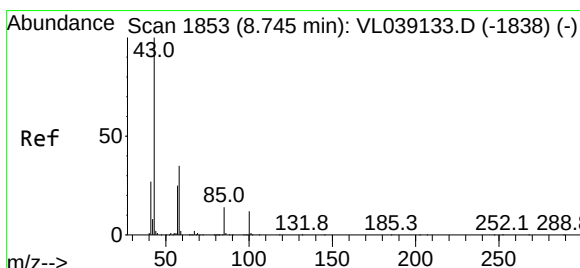
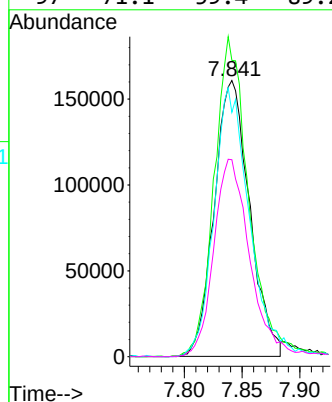
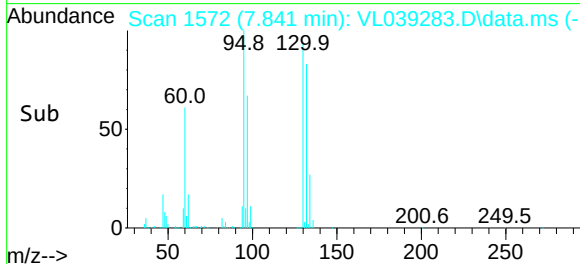
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



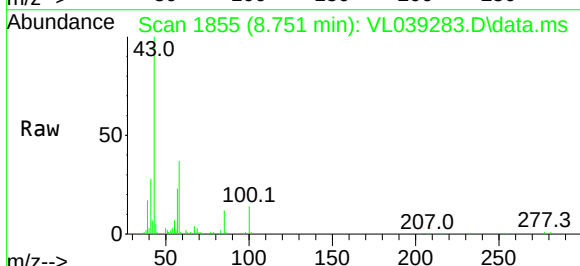
Tgt Ion:130 Resp: 34094
Ion Ratio Lower Upper
130 100
95 106.9 93.3 139.9
132 88.3 79.0 118.4
97 71.1 59.4 89.2

Manual Integrations
APPROVED

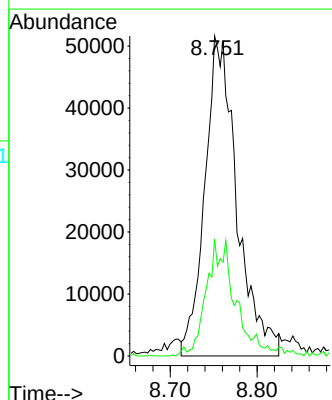
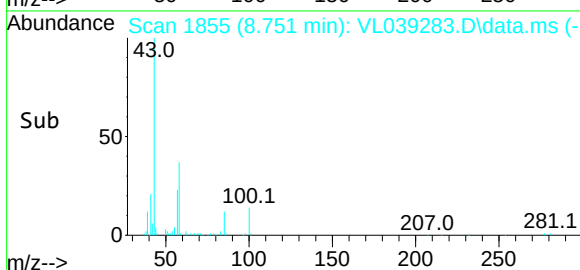
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

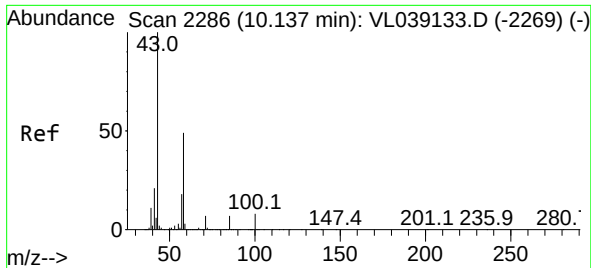


#50
4-Methyl-2-Pentanone
Concen: 0.553 ppbv m
RT: 8.751 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



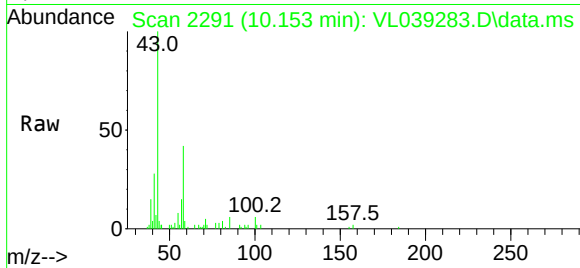
Tgt Ion: 43 Resp: 132531
Ion Ratio Lower Upper
43 100
58 33.5 28.7 43.1





#51
2-Hexanone
Concen: 0.351 ppbv m
RT: 10.153 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

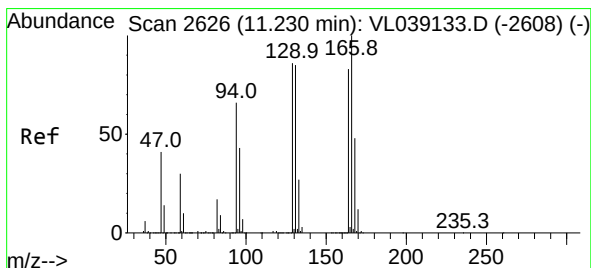
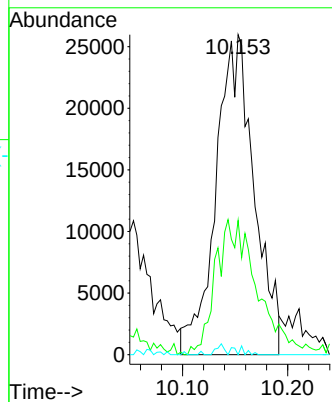
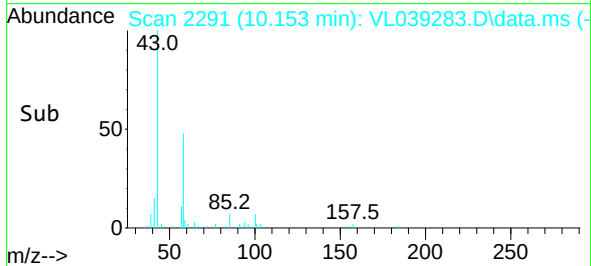
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2



Tgt Ion: 43 Resp: 6550
Ion Ratio Lower Upper
43 100
58 46.1 40.0 60.0
98 1.1 0.1 0.1

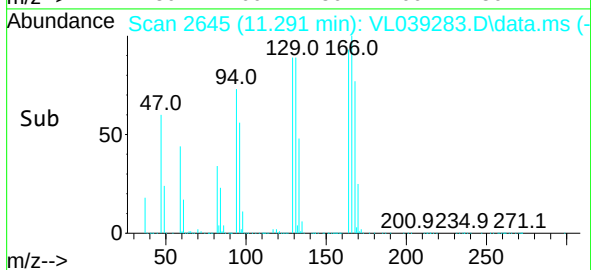
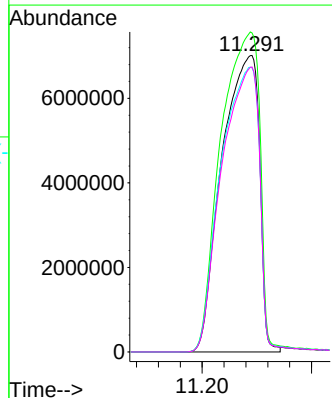
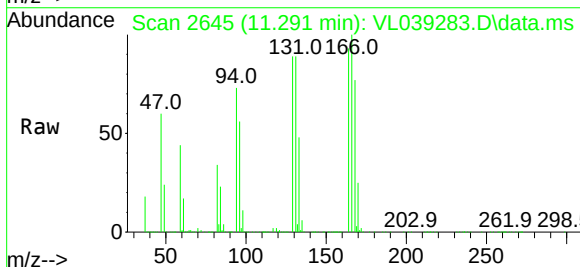
Manual Integrations
APPROVED

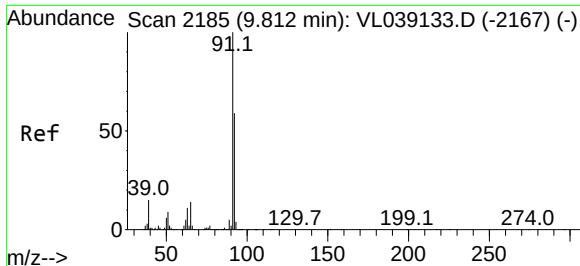
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#52
Tetrachloroethene
Concen: 357.179 ppbv
RT: 11.291 min Scan# 2645
Delta R.T. 0.061 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Tgt Ion:164 Resp:33344099
Ion Ratio Lower Upper
164 100
166 107.6 96.3 144.5
129 95.8 82.5 123.7
131 96.1 82.1 123.1





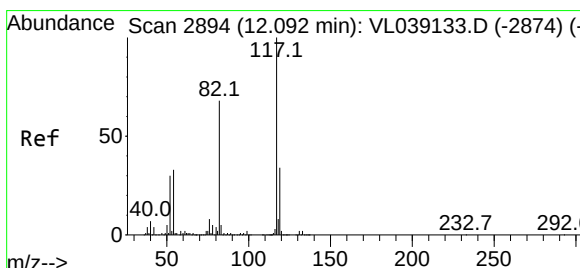
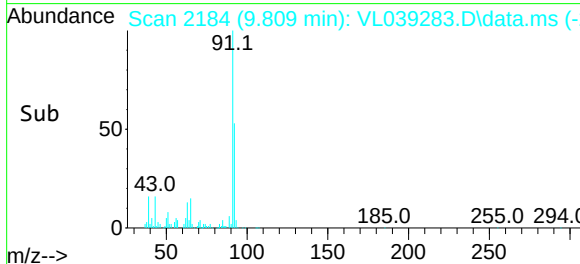
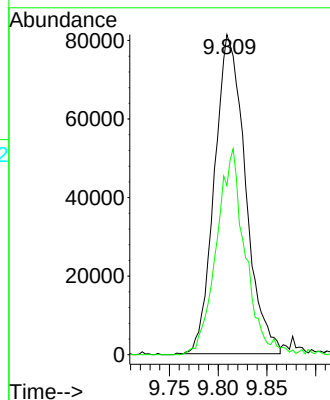
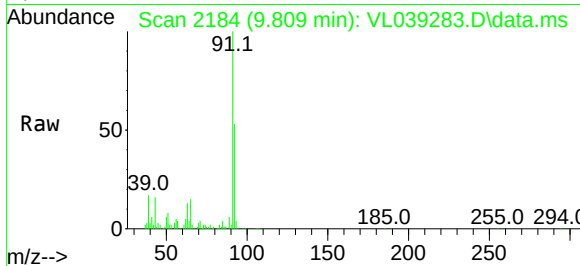
#53
Toluene
Concen: 0.651 ppbv
RT: 9.809 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Instrument :
MSVOA_1
ClientSampleId :
OTC-SG-2

Tgt Ion: 91 Resp: 17927
Ion Ratio Lower Upper
91 100
92 60.6 48.1 72.1

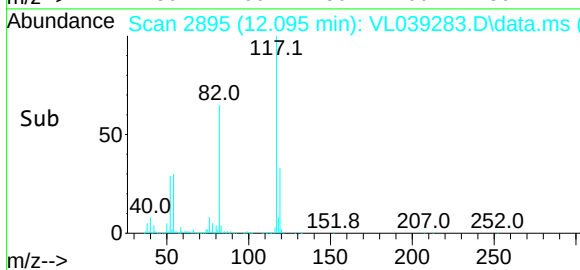
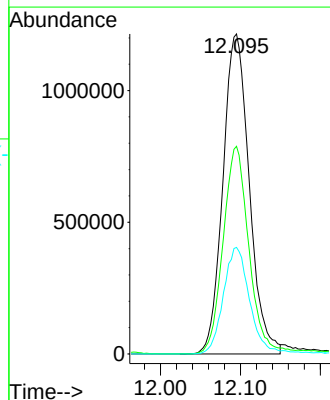
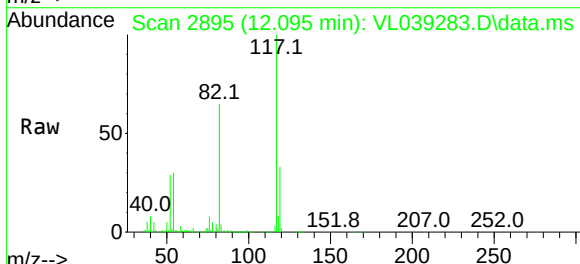
Manual Integrations
APPROVED

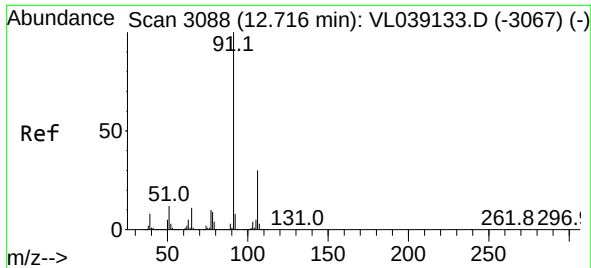
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Tgt Ion:117 Resp: 2777607
Ion Ratio Lower Upper
117 100
82 65.2 55.1 82.7
119 33.6 24.7 37.1





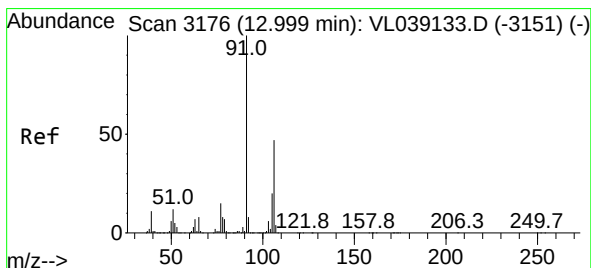
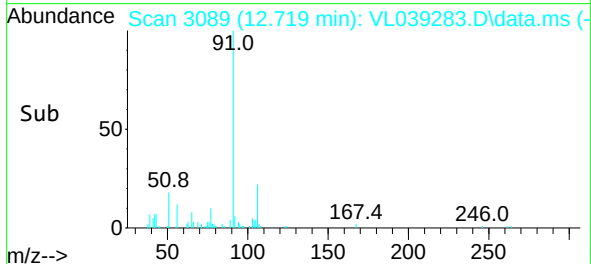
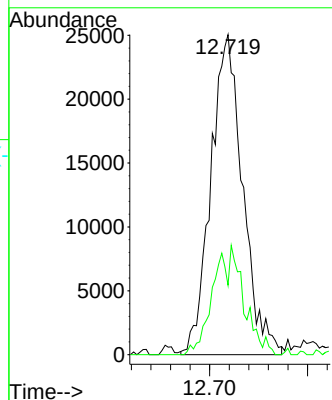
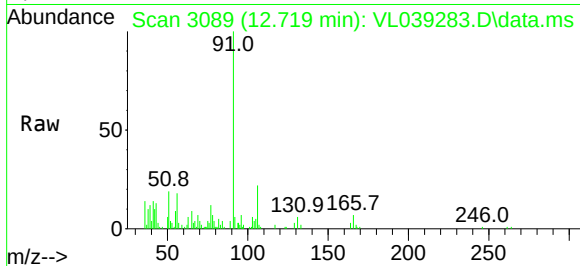
#58
Ethyl Benzene
Concen: 0.148 ppbv m
RT: 12.719 min Scan# 3089
Delta R.T. 0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2

Tgt Ion: 91 Resp: 56810
Ion Ratio Lower Upper
91 100
106 21.7 24.2 36.4

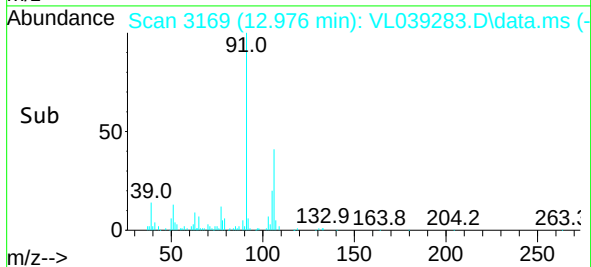
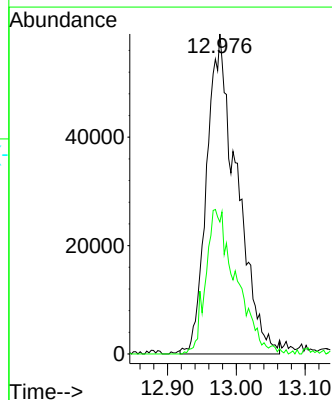
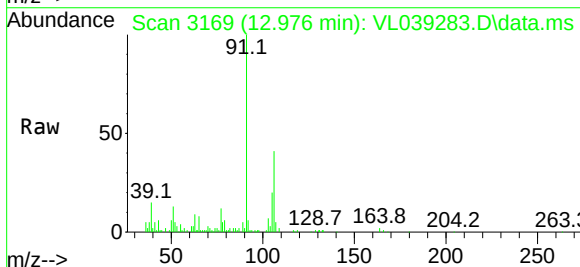
Manual Integrations
APPROVED

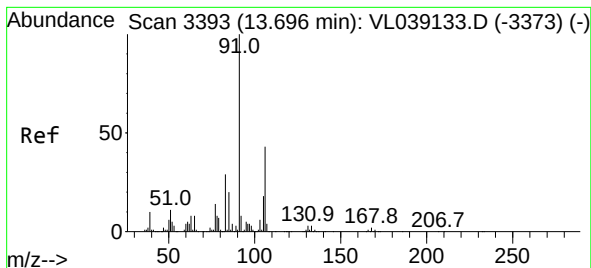
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#59
m/p-Xylene
Concen: 0.536 ppbv m
RT: 12.976 min Scan# 3169
Delta R.T. -0.023 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Tgt Ion: 91 Resp: 180565
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5





#60

o-Xylene

Concen: 0.247 ppbv

RT: 13.693 min Scan# 3393

Delta R.T. -0.003 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

Instrument :

MSVOA_L

ClientSampleId :

OTC-SG-2

Tgt Ion: 91 Resp: 7819

Ion Ratio Lower Upper

91 100

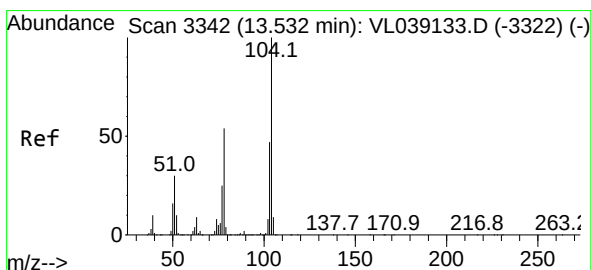
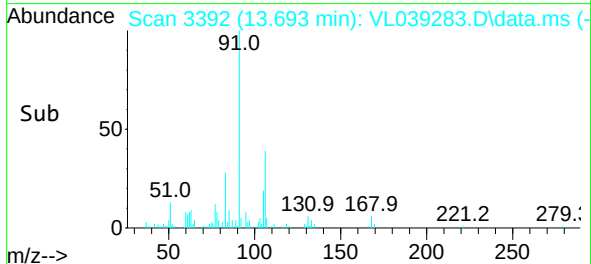
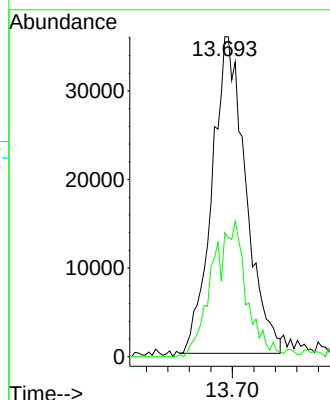
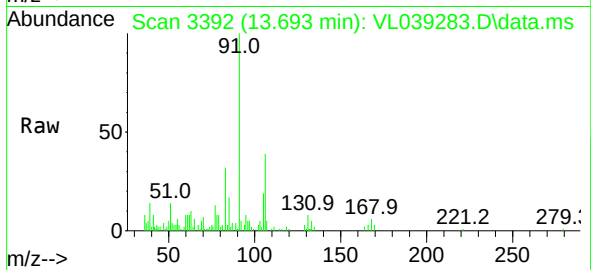
106 43.7 22.3 66.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#61

Styrene

Concen: 0.138 ppbv m

RT: 13.529 min Scan# 3341

Delta R.T. -0.003 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

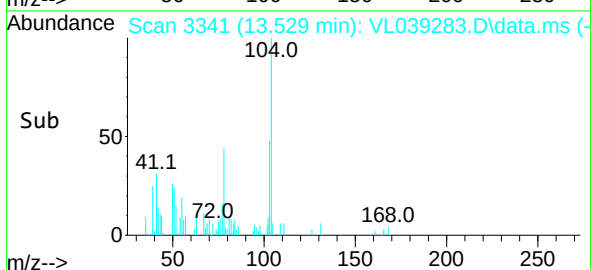
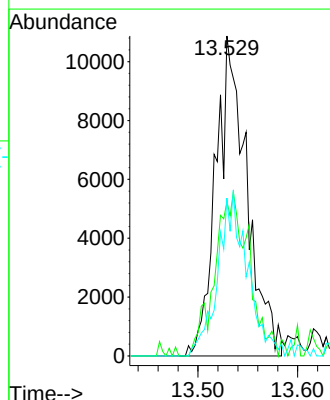
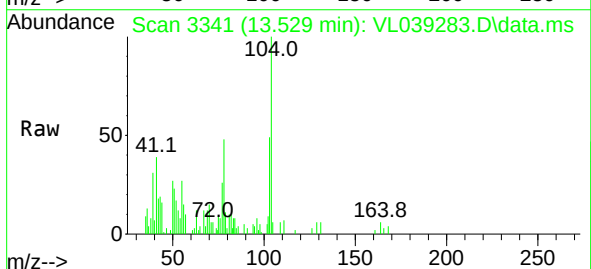
Tgt Ion:104 Resp: 23430

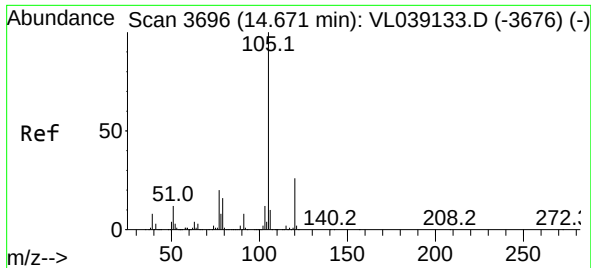
Ion Ratio Lower Upper

104 100

78 58.7 45.7 68.5

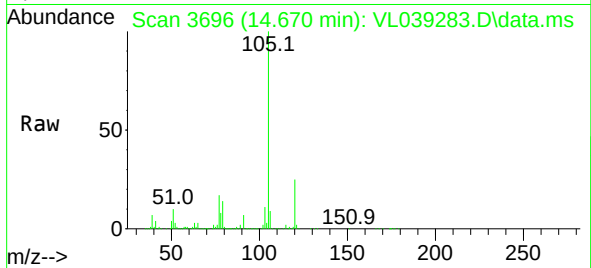
103 49.4 39.6 59.4





#62
Isopropylbenzene
Concen: 2.409 ppbv
RT: 14.670 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

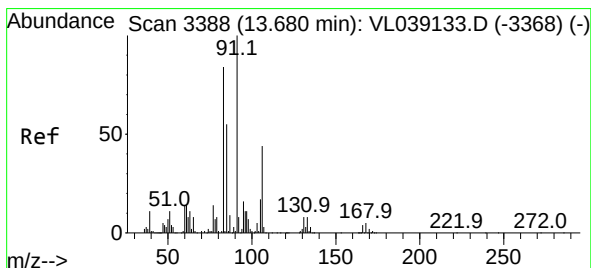
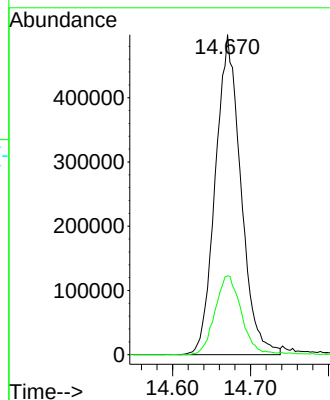
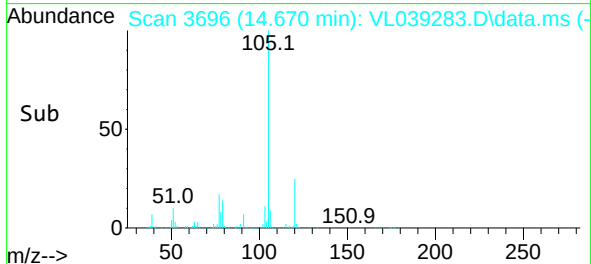
Instrument : MSVOA_L
ClientSampleId : OTC-SG-2



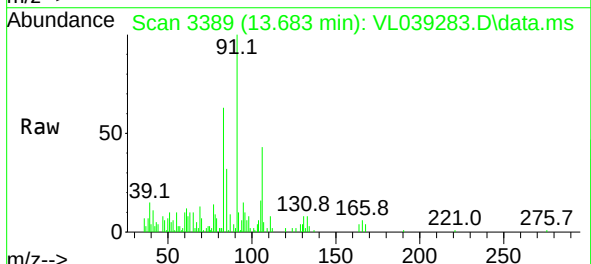
Tgt Ion:105 Resp: 113346
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5

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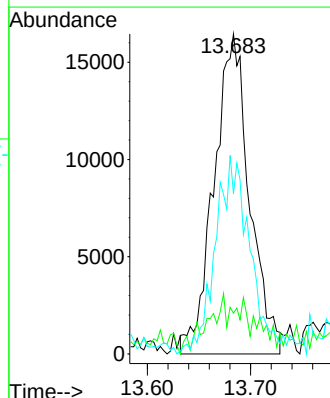
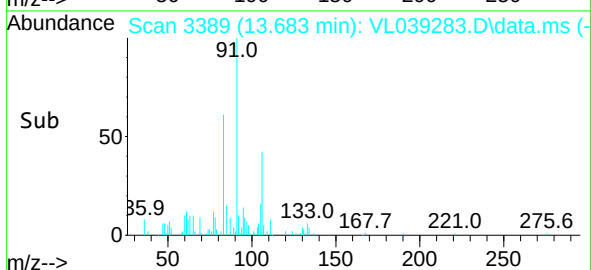
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

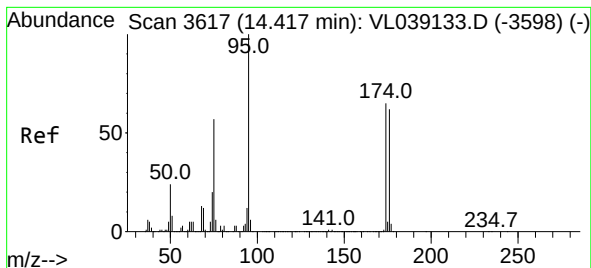


#63
1,1,2,2-Tetrachloroethane
Concen: 0.221 ppbv m
RT: 13.683 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44



Tgt Ion: 83 Resp: 39340
Ion Ratio Lower Upper
83 100
131 12.2 4.8 14.3
85 61.8 33.0 99.0





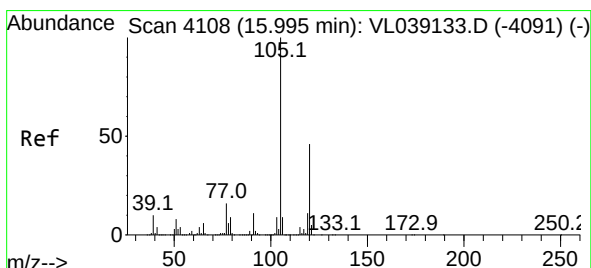
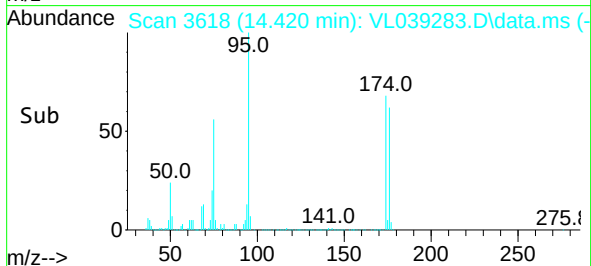
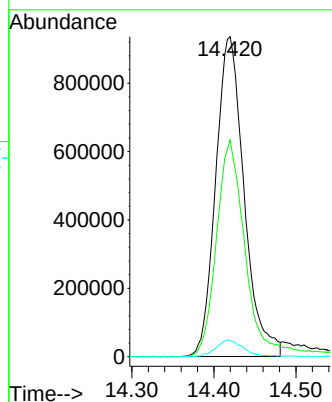
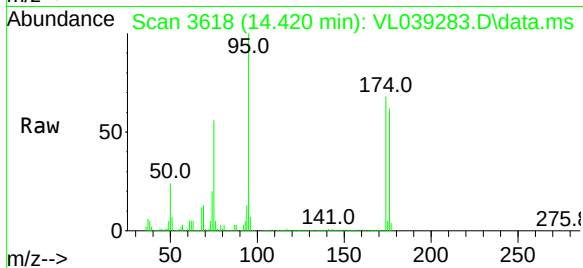
#68
1-Bromo-4-Fluorobenzene
Concen: 9.808 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.003 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Instrument :
MSVOA_1
ClientSampleId :
OTC-SG-2

Tgt Ion: 95 Resp: 225233
Ion Ratio Lower Upper
95 100
174 70.2 53.8 80.8
175 5.2 4.1 6.1

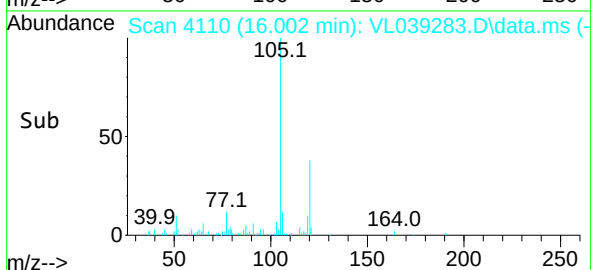
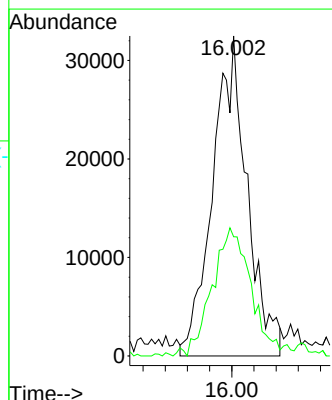
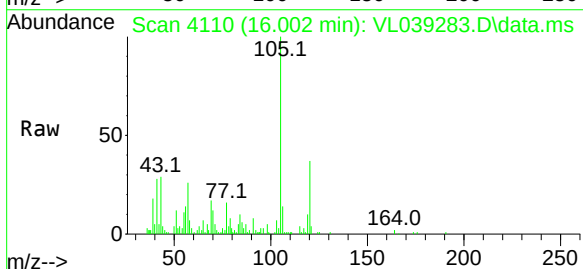
Manual Integrations
APPROVED

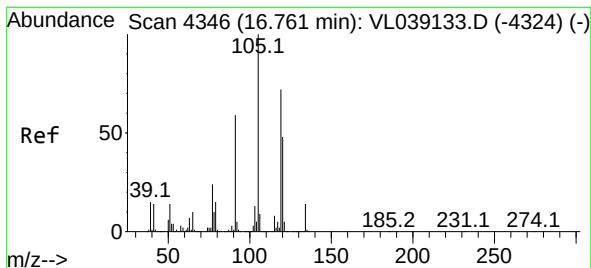
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#73
1,3,5-Trimethylbenzene
Concen: 0.209 ppbv m
RT: 16.002 min Scan# 4110
Delta R.T. 0.006 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Tgt Ion:105 Resp: 70050
Ion Ratio Lower Upper
105 100
120 37.2 36.7 55.1





#74

1,2,4-Trimethylbenzene

Concen: 0.490 ppbv

RT: 16.760 min Scan# 4346

Delta R.T. -0.000 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

Instrument :

MSVOA_1

ClientSampleId :

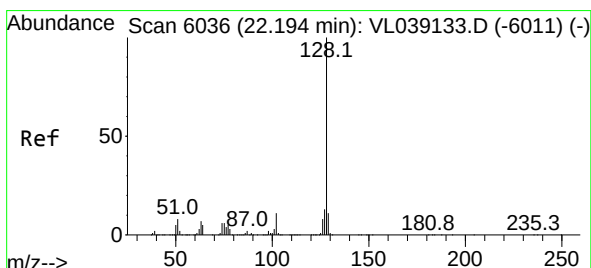
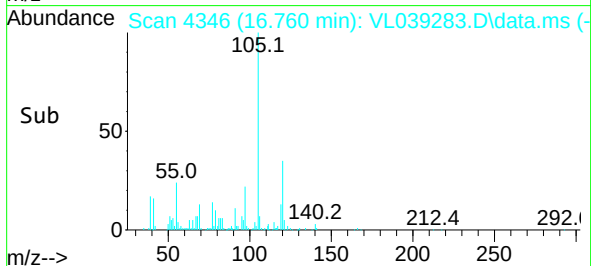
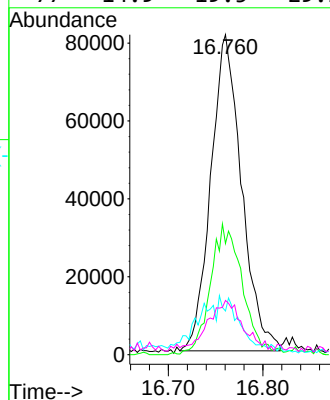
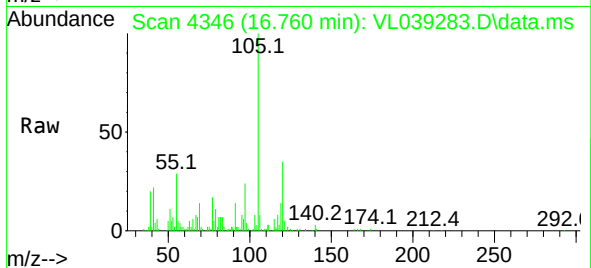
OTC-SG-2

Tgt Ion:	105	Resp:	183184
Ion Ratio	Lower	Upper	
105	100		
120	35.0	38.1	57.1
91	11.1	47.4	71.0
77	14.9	19.5	29.3

Manual Integrations

APPROVED

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



#79

Naphthalene

Concen: 0.136 ppbv m

RT: 22.185 min Scan# 6033

Delta R.T. -0.010 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

Tgt Ion:	128	Resp:	39107
Ion Ratio	Lower	Upper	
128	100		
127	10.9	10.4	15.6
129	8.5	9.0	13.6

