

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039260.D
 Acq On : 13 Jun 2022 20:35
 Operator : SY/AP
 Sample : N3330-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 01:34:22 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0
 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	1594078	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3746060	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	3103562	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2591428	10.100	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%
Target Compounds						
3) Chlorodifluoromethane	2.996	51	1280952	6.316	ppbv	95
9) Propene	3.028	41	32371m	0.366	ppbv	
13) Ethanol	3.603	45	636368	131.940	ppbv #	100
15) Acetone	3.857	43	311164	1.874	ppbv	95
17) tert-Butyl alcohol	4.308	59	25746m	0.200	ppbv	
19) Isopropyl Alcohol	3.980	45	53635	0.689	ppbv #	1
20) Methylene Chloride	4.353	84	136828	1.955	ppbv	96
25) Ethyl Acetate	5.684	43	222505	0.595	ppbv	98
29) Chloroform	5.758	83	28596m	0.103	ppbv	
34) 2-Butanone	5.253	43	45175	0.222	ppbv #	83
36) Benzene	6.899	78	143608	0.472	ppbv	95
38) Trichloroethene	7.844	130	34923	0.250	ppbv #	77
52) Tetrachloroethene	11.233	164	9079508	76.463	ppbv	98
62) Isopropylbenzene	14.664	105	112224m	0.213	ppbv	

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

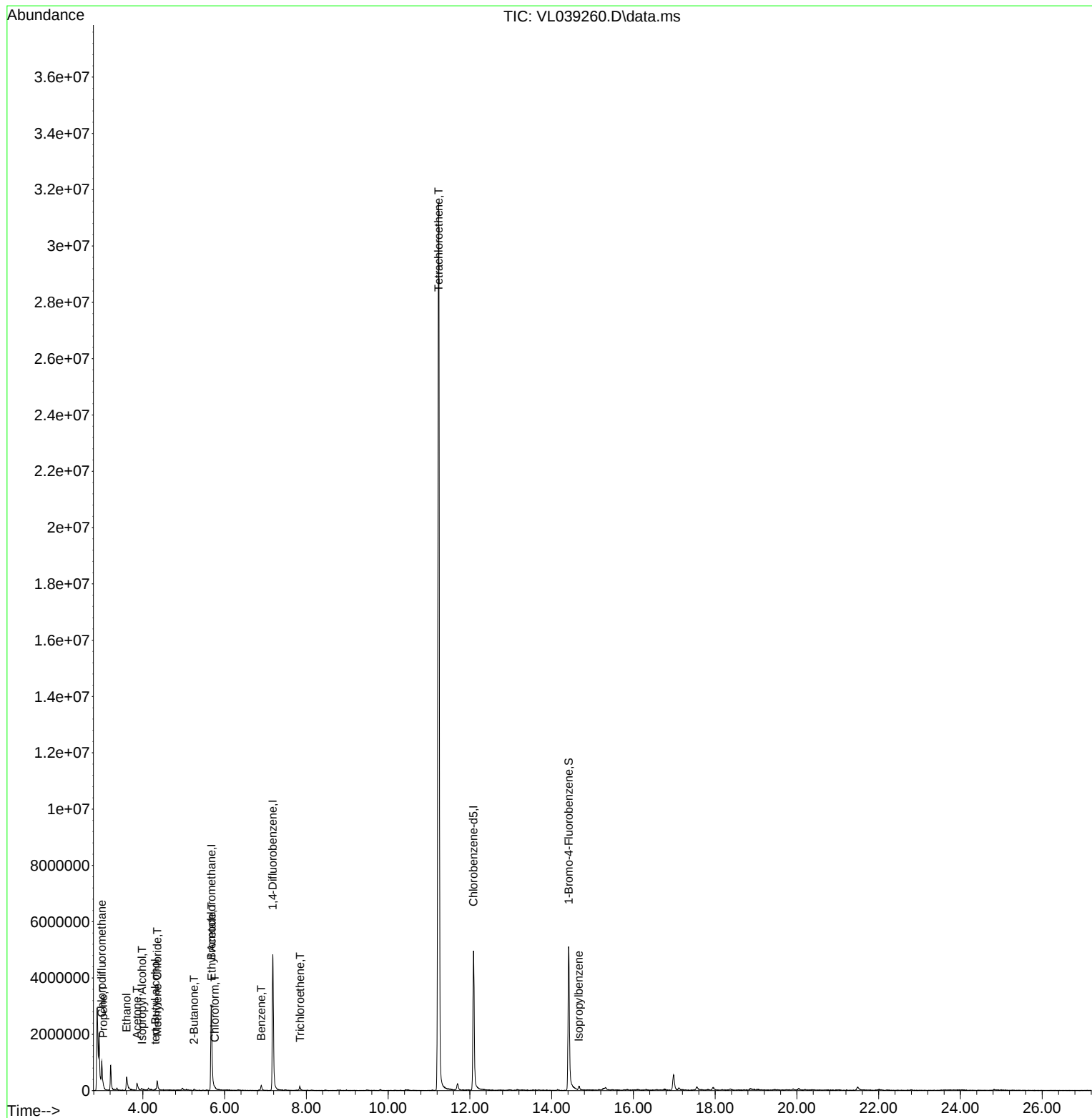
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
Data File : VL039260.D
Acq On : 13 Jun 2022 20:35
Operator : SY/AP
Sample : N3330-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

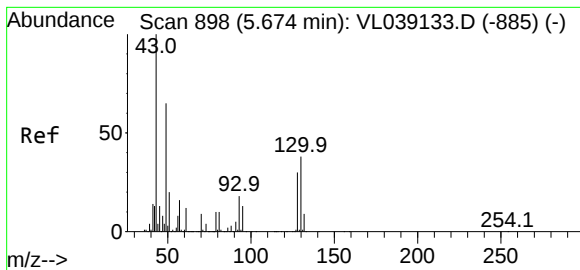
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Quant Time: Jun 14 01:34:22 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

Manual Integrations
APPROVED

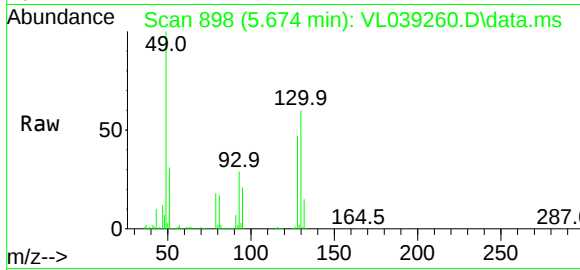
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.000 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

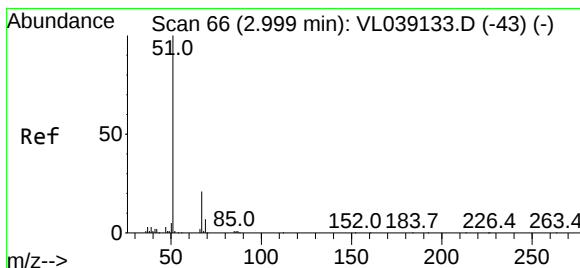
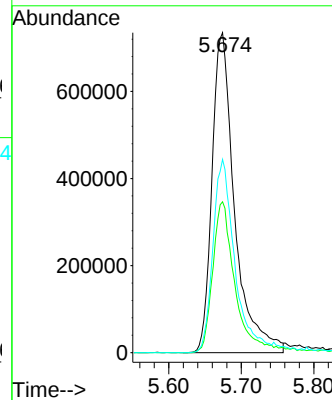
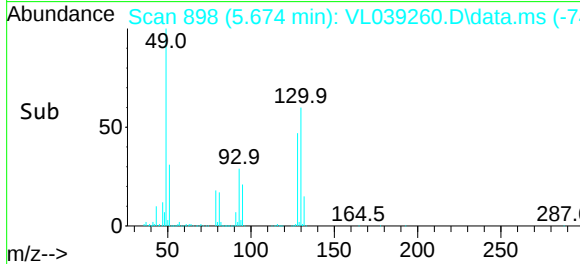
Instrument : MSVOA_L
ClientSampleId : OTC-SG-2DL



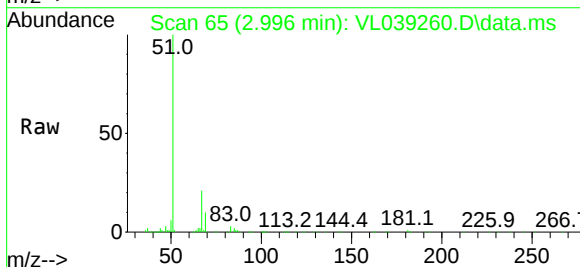
Tgt Ion: 49 Resp: 1594078
Ion Ratio Lower Upper
49 100
128 48.4 24.7 74.1
130 61.5 31.4 94.0

Manual Integrations
APPROVED

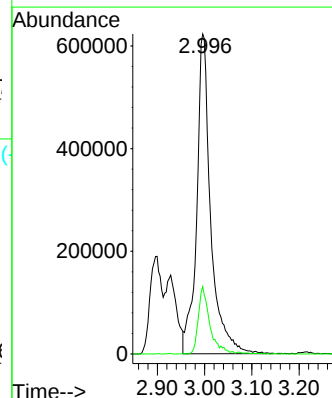
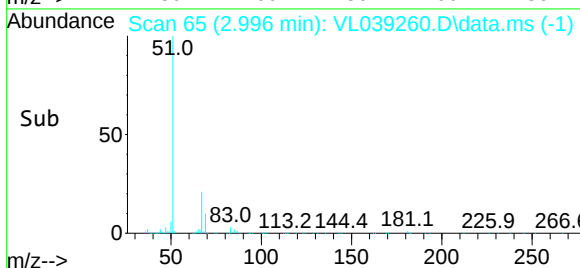
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

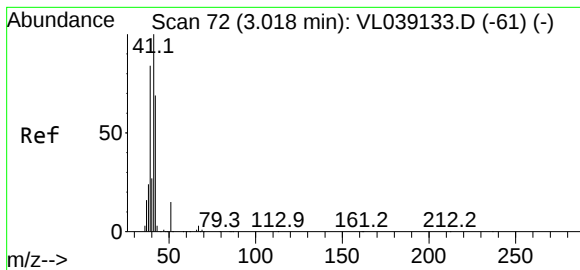


#3
Chlorodifluoromethane
Concen: 6.316 ppbv
RT: 2.996 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35



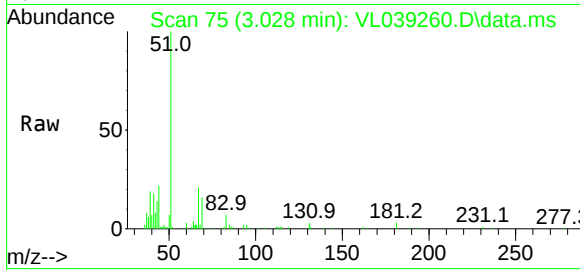
Tgt Ion: 51 Resp: 1280952
Ion Ratio Lower Upper
51 100
67 17.8 16.2 24.4





#9
 Propene
 Concen: 0.366 ppbv m
 RT: 3.028 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL039260.D
 Acq: 13 Jun 2022 20:35

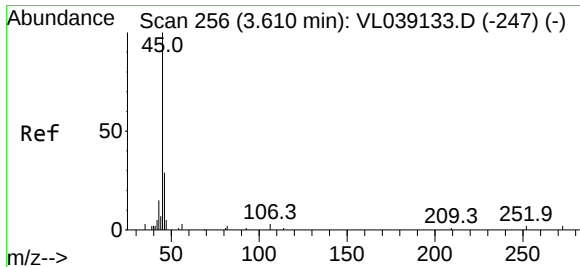
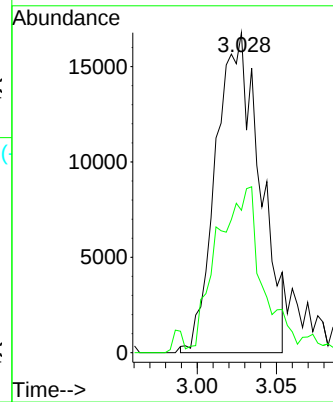
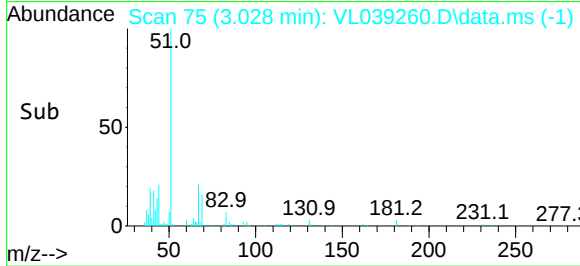
Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2DL



Tgt Ion: 41 Resp: 3237
 Ion Ratio Lower Upper
 41 100
 42 665.2 55.4 83.2

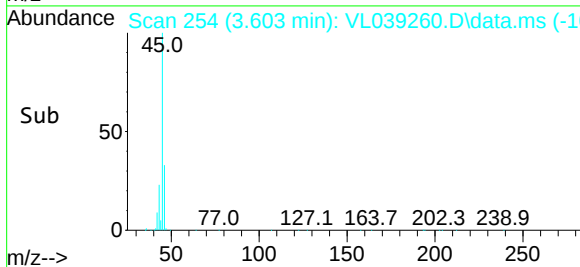
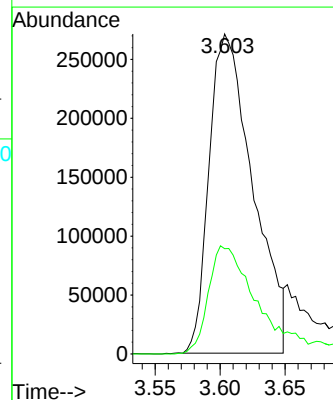
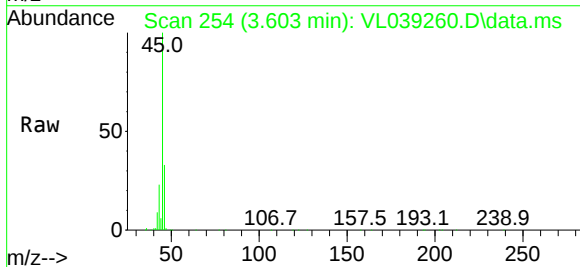
Manual Integrations
 APPROVED

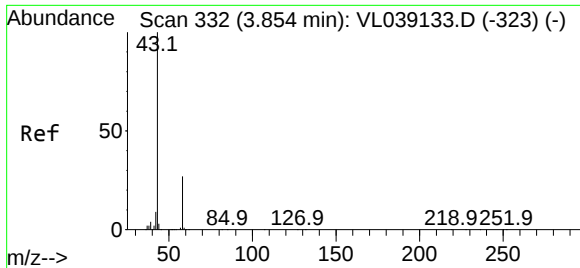
Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#13
 Ethanol
 Concen: 131.940 ppbv
 RT: 3.603 min Scan# 254
 Delta R.T. -0.006 min
 Lab File: VL039260.D
 Acq: 13 Jun 2022 20:35

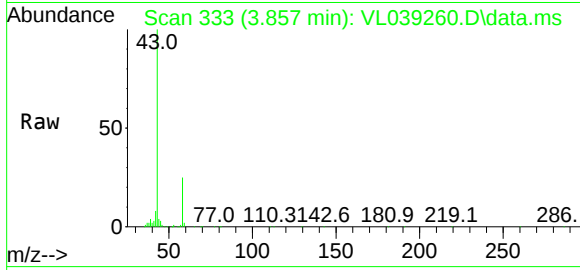
Tgt Ion: 45 Resp: 636368
 Ion Ratio Lower Upper
 45 100
 46 42.8 0.0 0.0





#15
Acetone
Concen: 1.874 ppbv
RT: 3.857 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

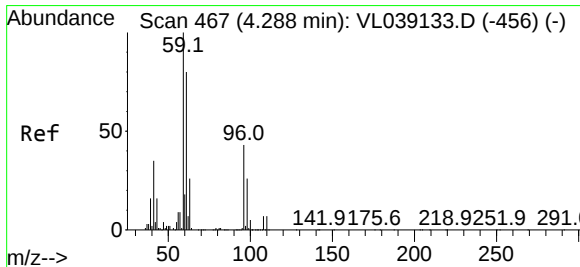
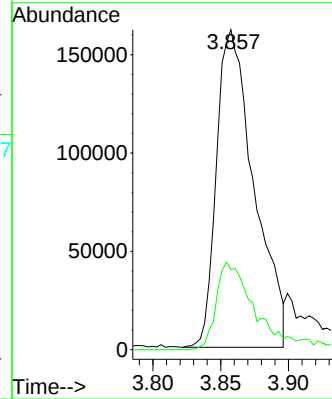
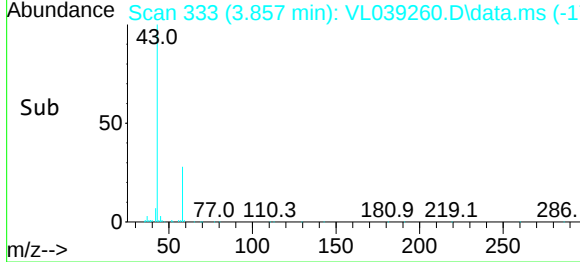
Instrument : MSVOA_L
ClientSampleId : OTC-SG-2DL



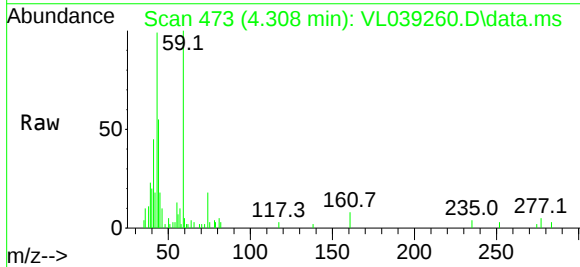
Tgt Ion: 43 Resp: 311164
Ion Ratio Lower Upper
43 100
58 30.5 22.5 33.7

Manual Integrations
APPROVED

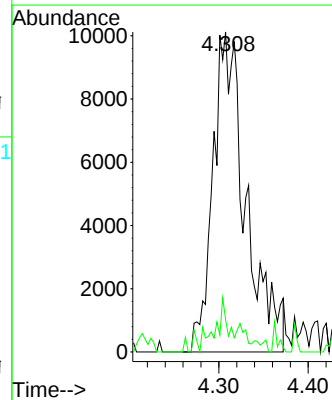
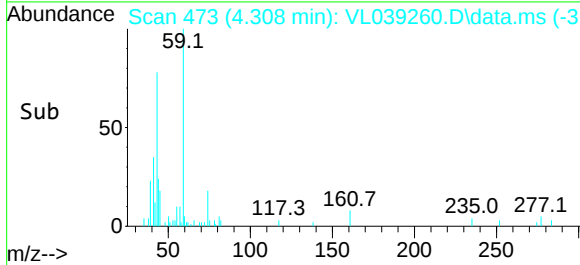
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

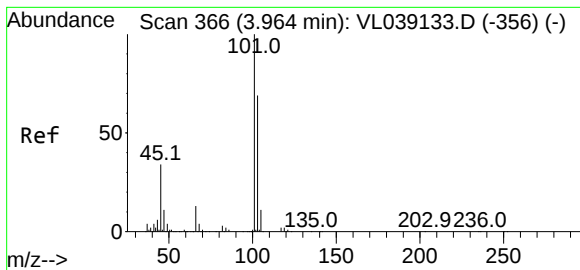


#17
tert-Butyl alcohol
Concen: 0.200 ppbv m
RT: 4.308 min Scan# 473
Delta R.T. 0.019 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35



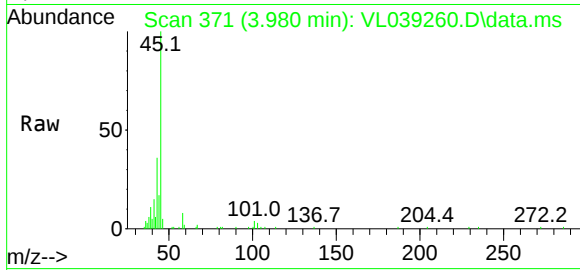
Tgt Ion: 59 Resp: 25746
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7#





#19
Isopropyl Alcohol
Concen: 0.689 ppbv
RT: 3.980 min Scan# 371
Delta R.T. 0.016 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

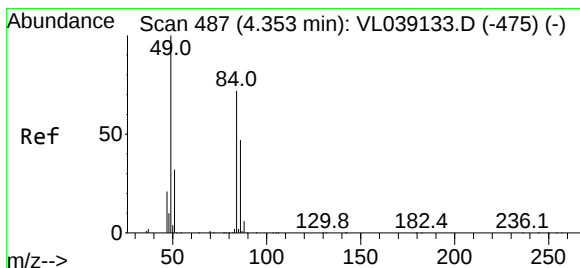
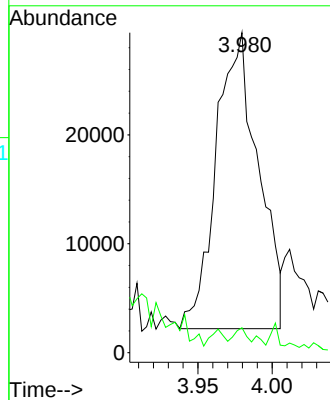
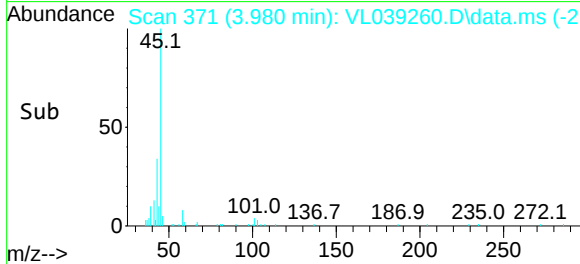
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL



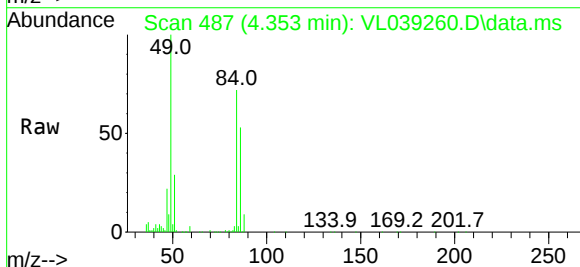
Tgt Ion: 45 Resp: 5363
Ion Ratio Lower Upper
45 100
58 174.3 1.8 2.8

Manual Integrations
APPROVED

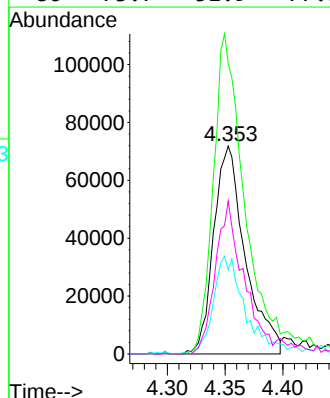
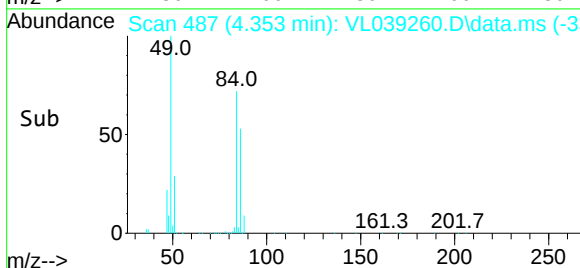
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

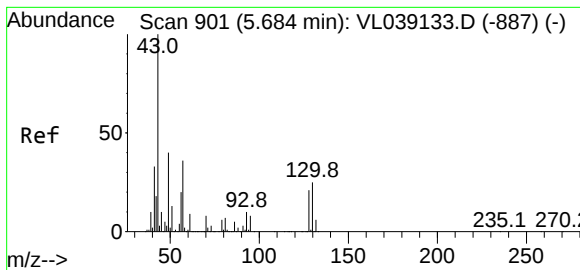


#20
Methylene Chloride
Concen: 1.955 ppbv
RT: 4.353 min Scan# 487
Delta R.T. -0.000 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35



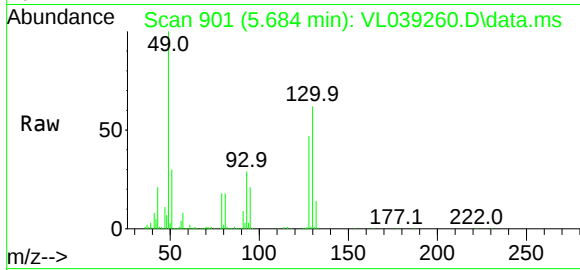
Tgt Ion: 84 Resp: 136828
Ion Ratio Lower Upper
84 100
49 139.8 111.1 166.7
51 40.2 35.3 52.9
86 73.7 51.9 77.9





#25
Ethyl Acetate
Concen: 0.595 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

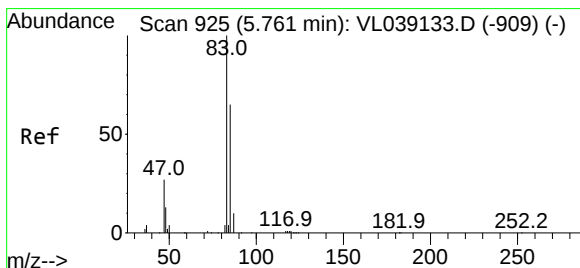
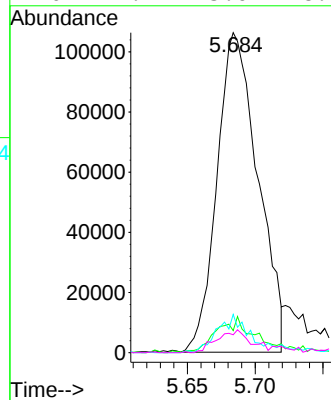
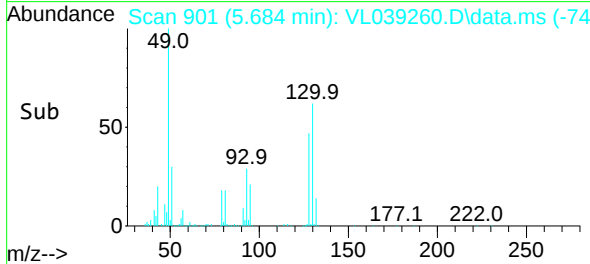
Instrument :
MSVOA_L
Client Sample Id :
OTC-SG-2DL



Tgt Ion: 43 Resp: 22250
Ion Ratio Lower Upper
43 100
45 12.0 8.2 12.2
61 10.4 8.4 12.6
70 7.7 5.6 8.4

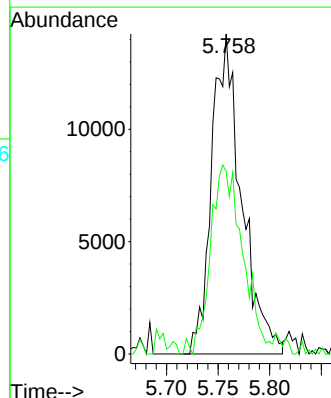
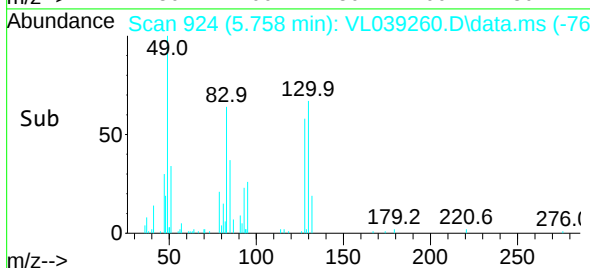
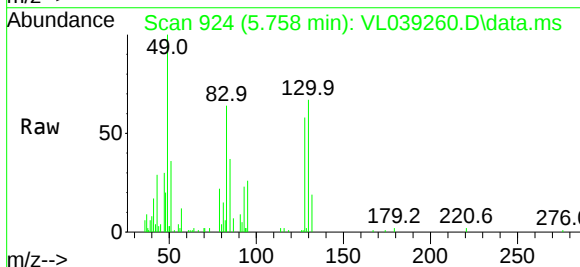
Manual Integrations
APPROVED

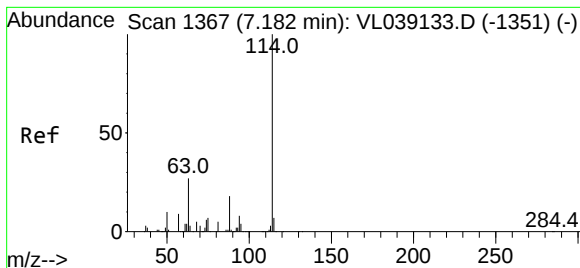
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#29
Chloroform
Concen: 0.103 ppbv m
RT: 5.758 min Scan# 924
Delta R.T. -0.003 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 83 Resp: 28596
Ion Ratio Lower Upper
83 100
85 57.0 52.4 78.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.179 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL039260.D

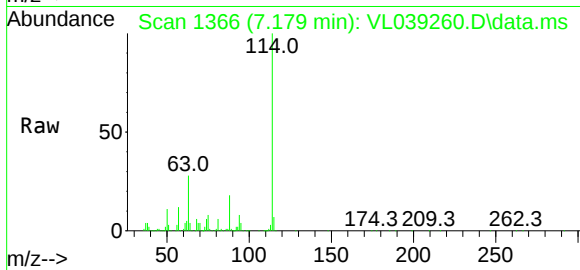
Acq: 13 Jun 2022 20:35

Instrument :

MSVOA_L

ClientSampleId :

OTC-SG-2DL



Tgt Ion:114 Resp: 374606

Ion Ratio Lower Upper

114 100

63 28.0 21.7 32.5

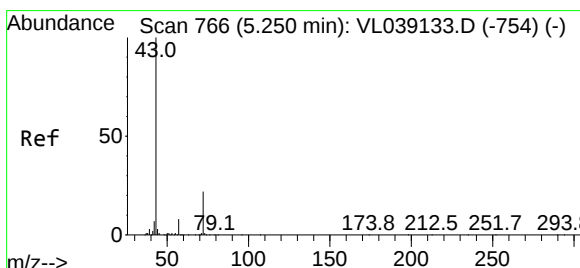
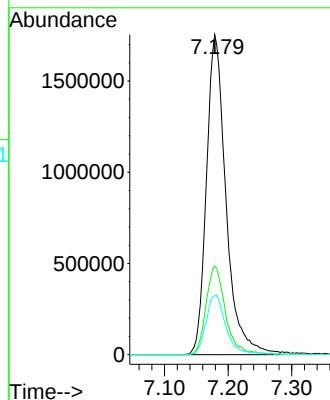
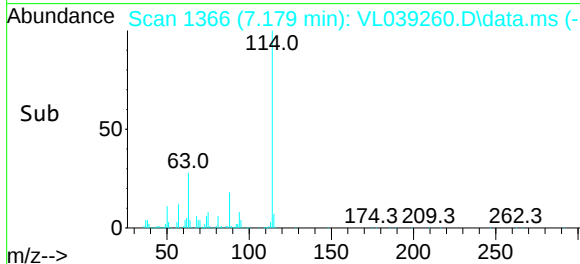
88 19.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#34

2-Butanone

Concen: 0.222 ppbv

RT: 5.253 min Scan# 767

Delta R.T. 0.003 min

Lab File: VL039260.D

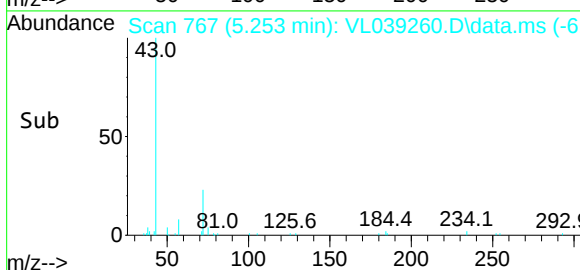
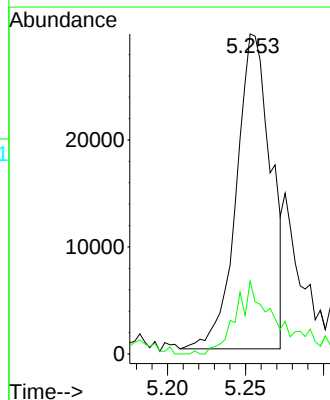
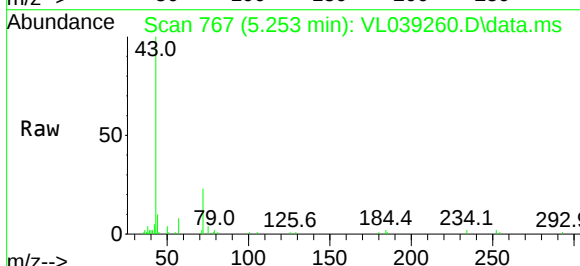
Acq: 13 Jun 2022 20:35

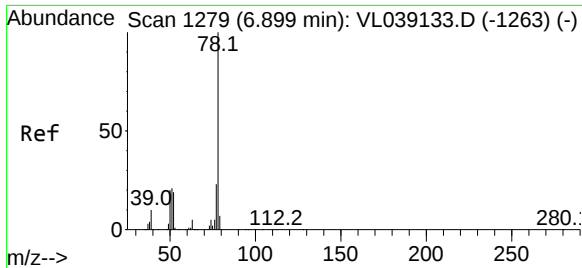
Tgt Ion: 43 Resp: 45175

Ion Ratio Lower Upper

43 100

72 30.8 18.2 27.2#





#36

Benzene

Concen: 0.472 ppbv

RT: 6.899 min Scan# 1279

Delta R.T. -0.000 min

Lab File: VL039260.D

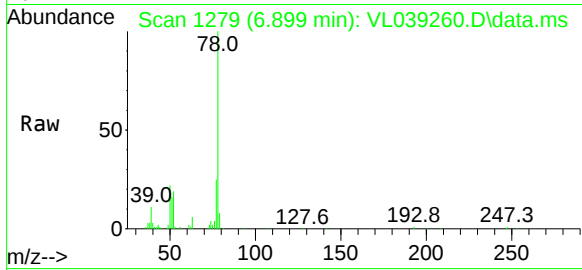
Acq: 13 Jun 2022 20:35

Instrument :

MSVOA_L

ClientSampleId :

OTC-SG-2DL



Tgt Ion: 78 Resp: 143608

Ion Ratio Lower Upper

78 100

77 25.1 18.6 27.8

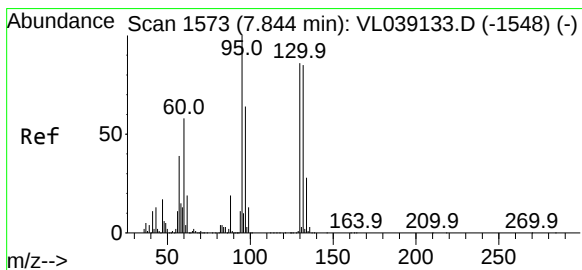
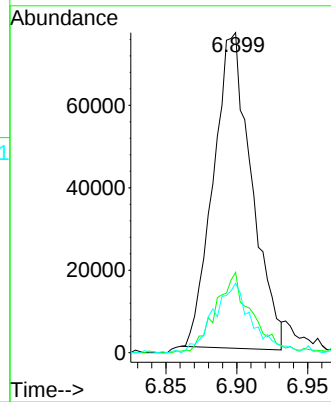
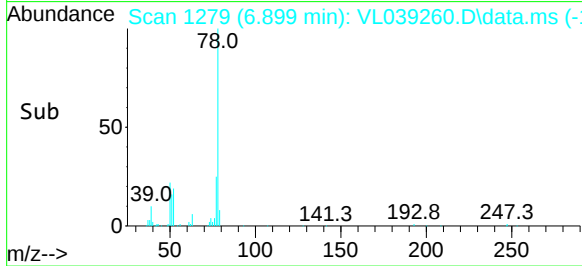
50 22.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#38

Trichloroethene

Concen: 0.250 ppbv

RT: 7.844 min Scan# 1573

Delta R.T. -0.000 min

Lab File: VL039260.D

Acq: 13 Jun 2022 20:35

Tgt Ion:130 Resp: 34923

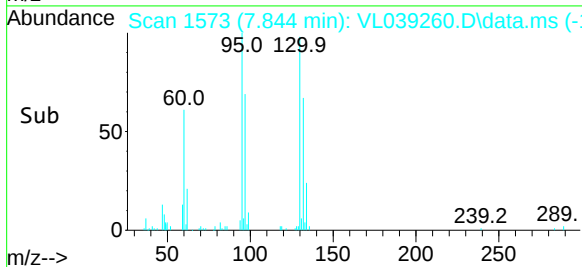
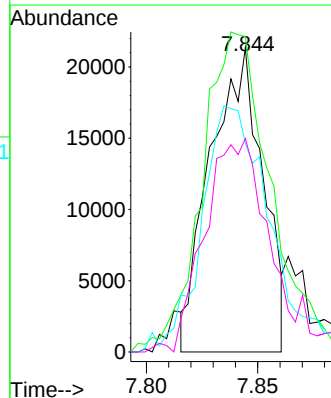
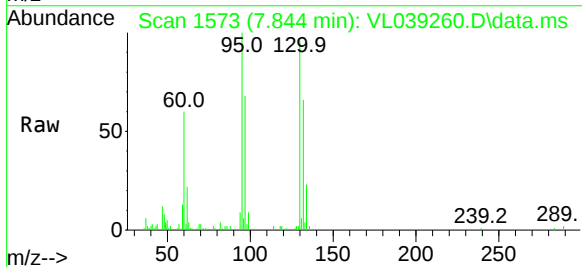
Ion Ratio Lower Upper

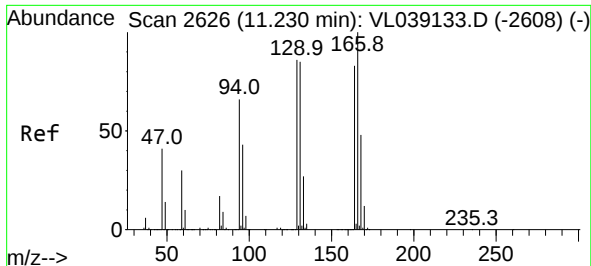
130 100

95 97.7 93.3 139.9

132 57.3 79.0 118.4#

97 68.1 59.4 89.2





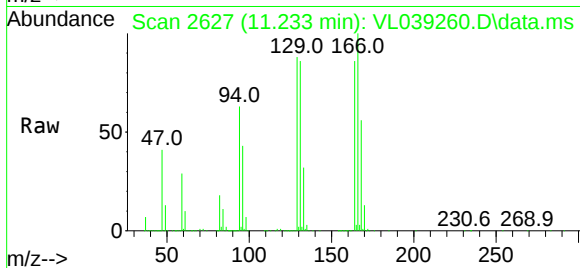
#52
Tetrachloroethene
Concen: 76.463 ppbv
RT: 11.233 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Instrument :

MSVOA_L

ClientSampleId :

OTC-SG-2DL

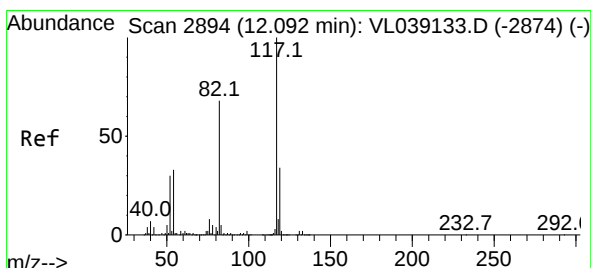
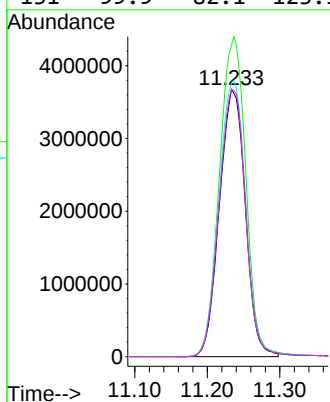
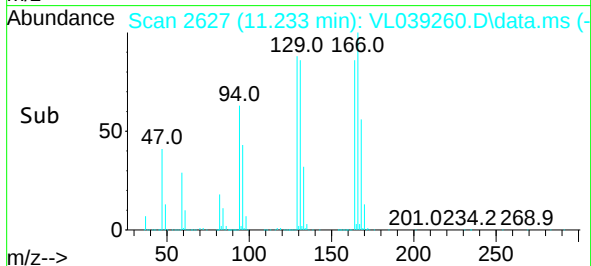


Tgt Ion:164 Resp: 9079508
Ion Ratio Lower Upper
164 100
166 116.4 96.3 144.5
129 102.4 82.5 123.7
131 99.9 82.1 123.1

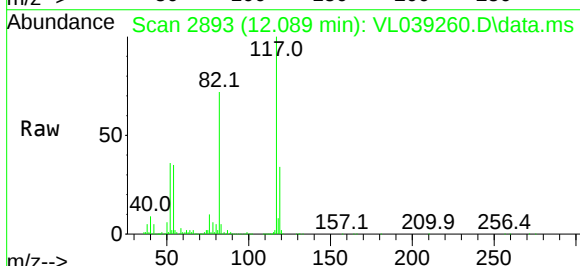
Manual Integrations

APPROVED

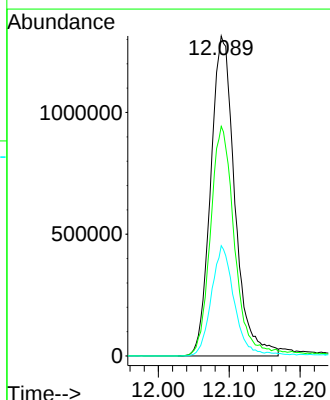
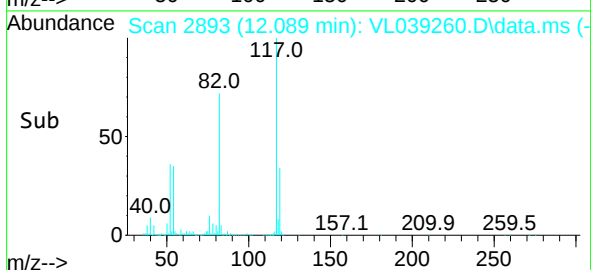
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

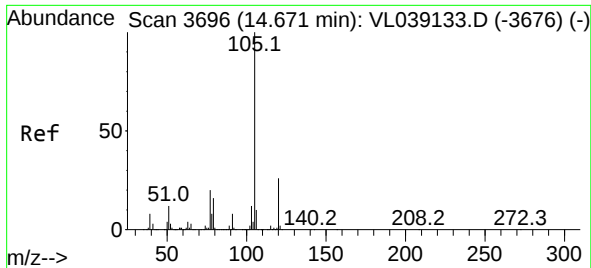


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35



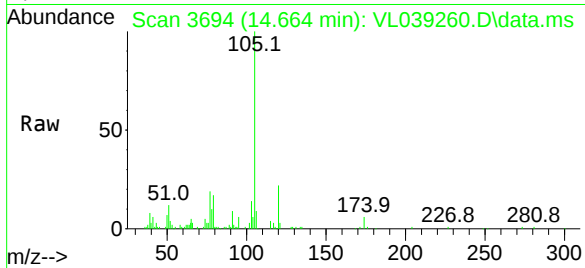
Tgt Ion:117 Resp: 3103562
Ion Ratio Lower Upper
117 100
82 72.6 55.1 82.7
119 33.0 24.7 37.1





#62
Isopropylbenzene
Concen: 0.213 ppbv m
RT: 14.664 min Scan# 3694
Delta R.T. -0.006 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

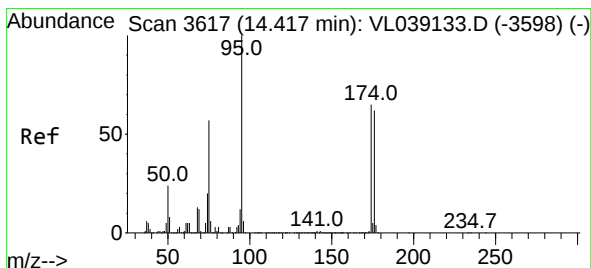
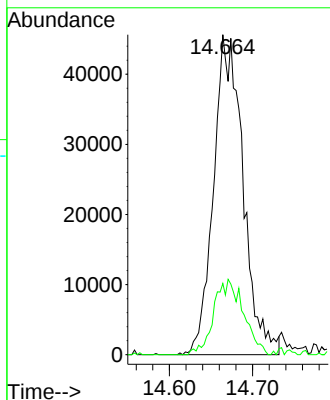
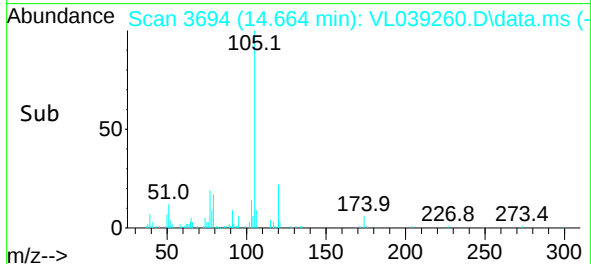
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL



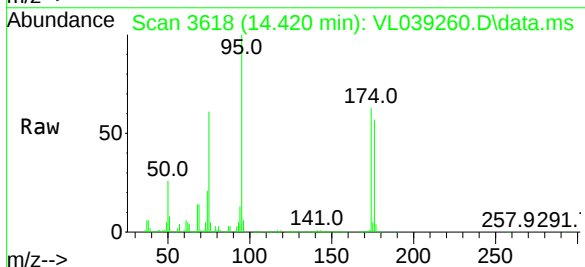
Tgt Ion:105 Resp: 112224
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.100 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.003 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35



Tgt Ion: 95 Resp: 2591428
Ion Ratio Lower Upper
95 100
174 63.0 53.8 80.8
175 4.6 4.1 6.1

