

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039411.D
 Acq On : 30 Jun 2022 1:07
 Operator : SY/AP
 Sample : N3530-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 05:46:16 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jun 30 2022

QLast Update : Thu Jun 30 05:40:11 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1076744	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2989754	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	2602693	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1994658	10.331	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.047	85	56460	0.364	ppbv	98
3) Chlorodifluoromethane	2.986	51	80154	0.587	ppbv #	83
4) Chloromethane	3.141	50	34345	0.460	ppbv	95
9) Propene	3.012	41	46362m	0.751	ppbv	
11) Trichlorofluoromethane	3.948	101	41928	0.242	ppbv	85
13) Ethanol	3.591	45	181015m	50.574	ppbv	
15) Acetone	3.838	43	611039	4.797	ppbv	99
19) Isopropyl Alcohol	3.961	45	72489	1.067	ppbv #	90
20) Methylene Chloride	4.337	84	82601	1.627	ppbv #	80
25) Ethyl Acetate	5.671	43	108208	0.414	ppbv #	96
34) 2-Butanone	5.240	43	43135	0.287	ppbv #	82
35) Carbon Tetrachloride	6.999	117	11394m	0.062	ppbv	
36) Benzene	6.877	78	44691	0.193	ppbv #	91
44) 2,2,4-Trimethylpentane	7.854	57	45188	0.115	ppbv #	63
53) Toluene	9.793	91	210059	0.787	ppbv	97
58) Ethyl Benzene	12.693	91	35284m	0.105	ppbv	
59) m/p-Xylene	12.957	91	102569m	0.346	ppbv	
60) o-Xylene	13.674	91	32927m	0.117	ppbv	

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

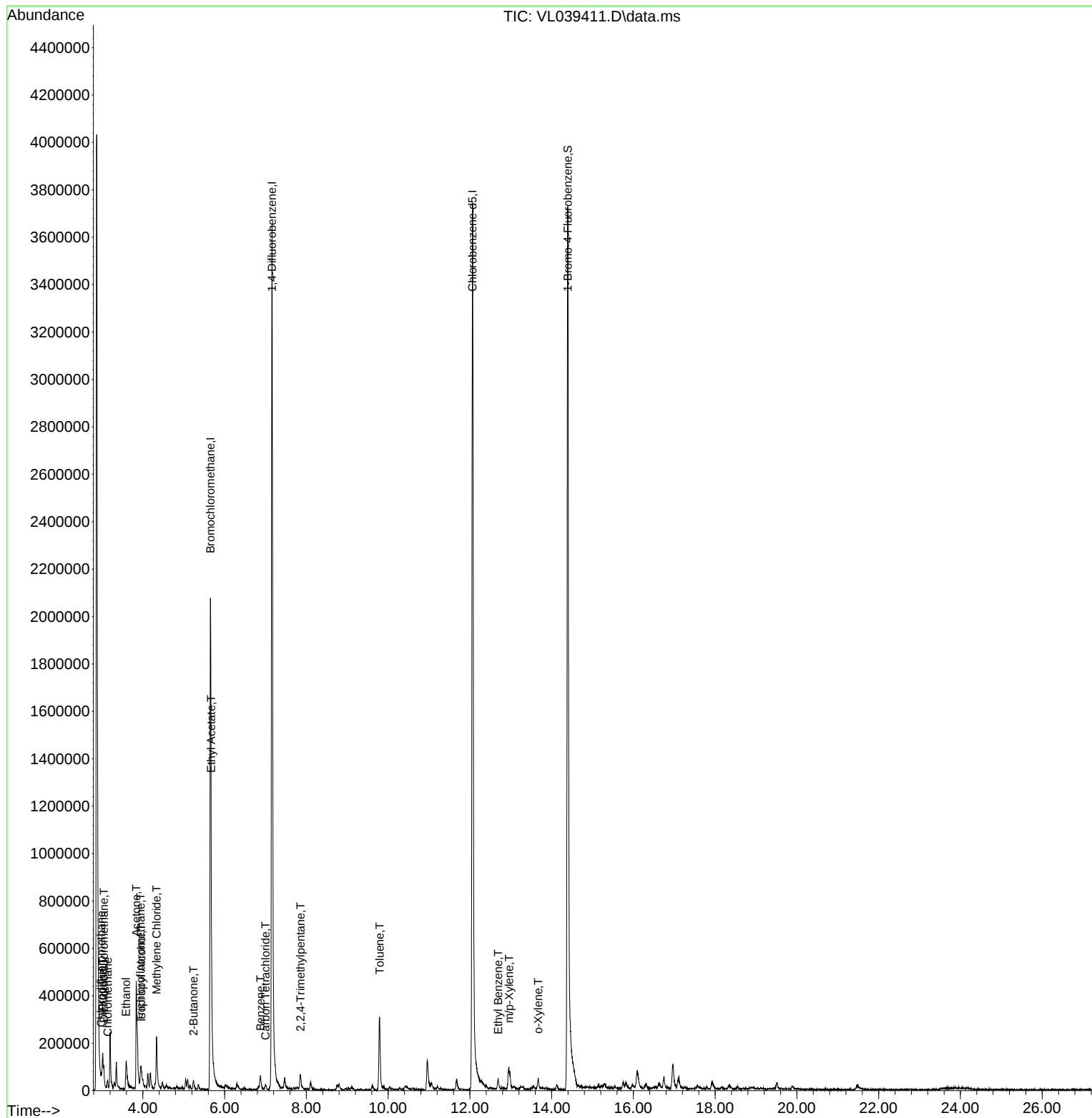
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039411.D
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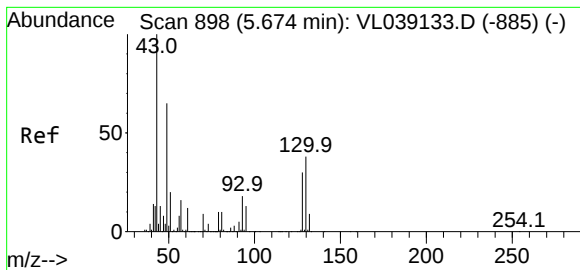
Instrument :
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ClientSampleId :
OA1

Quant Time: Jun 30 05:46:16 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jun
QLast Update : Thu Jun 30 05:40:11 2022
Response via : Initial Calibration

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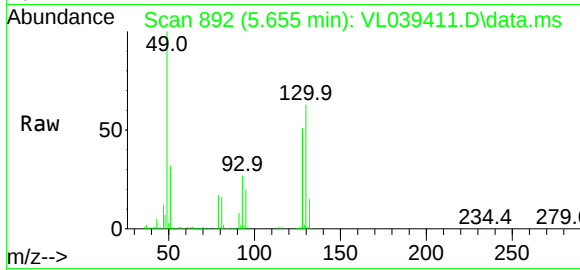
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

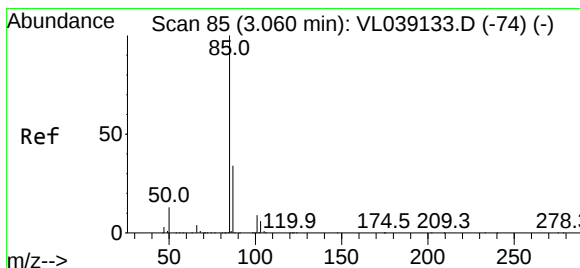
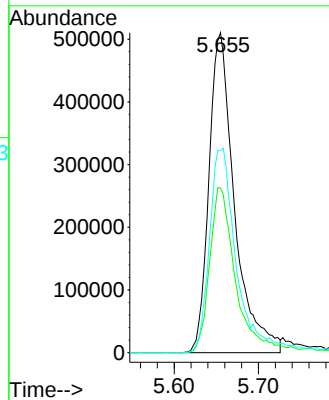
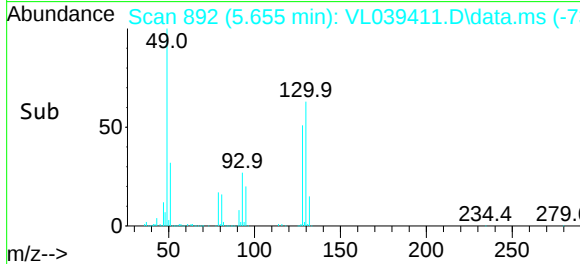
Instrument :
MSVOA_L
ClientSampleId :
OA1



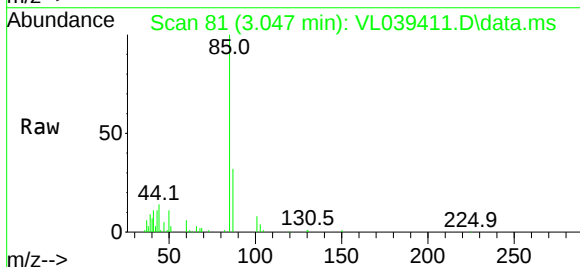
Tgt Ion: 49 Resp: 1076744
Ion Ratio Lower Upper
49 100
128 54.0 26.7 80.0
130 69.4 34.3 102.8

Manual Integrations
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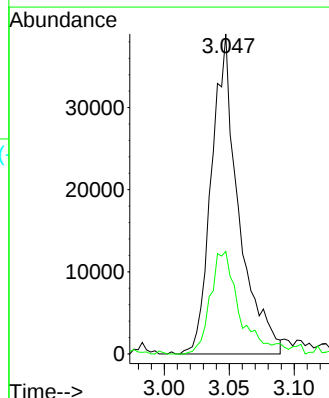
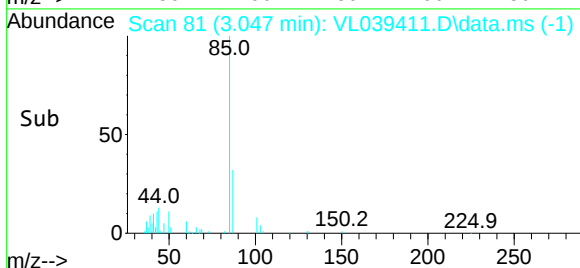
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

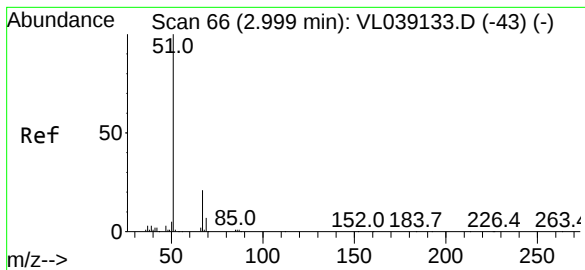


#2
Dichlorodifluoromethane
Concen: 0.364 ppbv
RT: 3.047 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07



Tgt Ion: 85 Resp: 56460
Ion Ratio Lower Upper
85 100
87 32.1 26.7 40.1





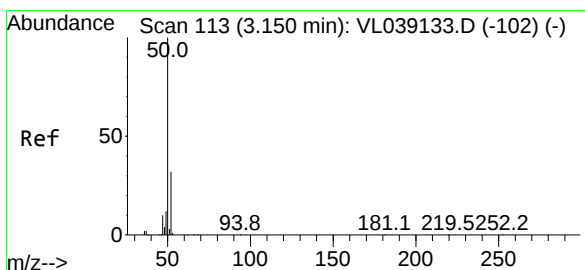
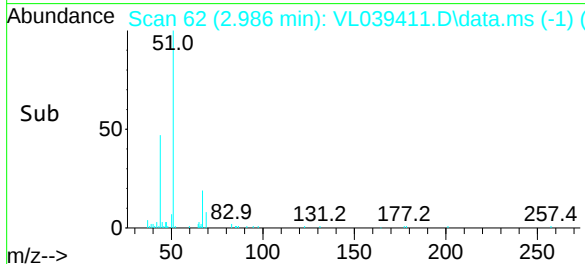
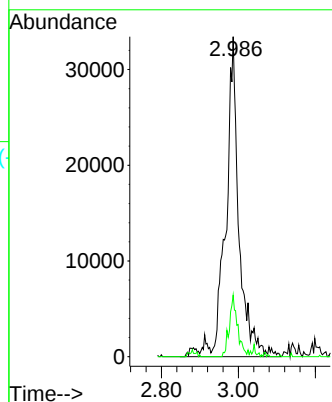
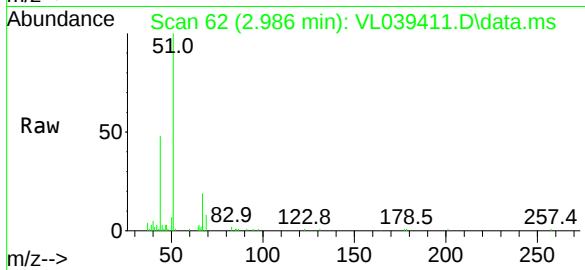
#3
Chlorodifluoromethane
Concen: 0.587 ppbv
RT: 2.986 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 51 Resp: 80154
Ion Ratio Lower Upper
51 100
67 11.8 15.7 23.5

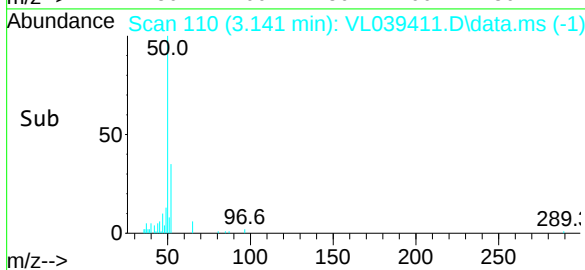
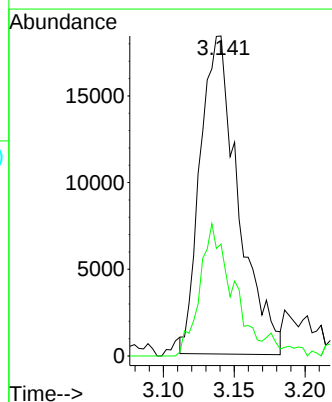
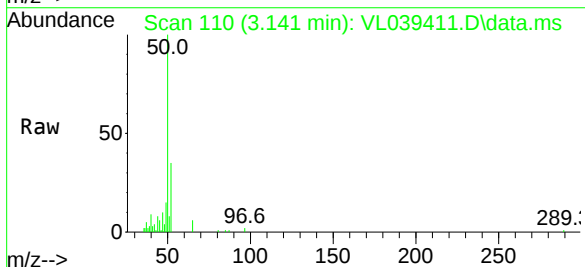
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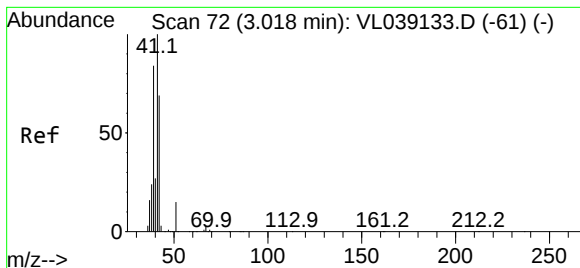
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#4
Chloromethane
Concen: 0.460 ppbv
RT: 3.141 min Scan# 110
Delta R.T. 0.010 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

Tgt Ion: 50 Resp: 34345
Ion Ratio Lower Upper
50 100
52 35.8 26.5 39.7





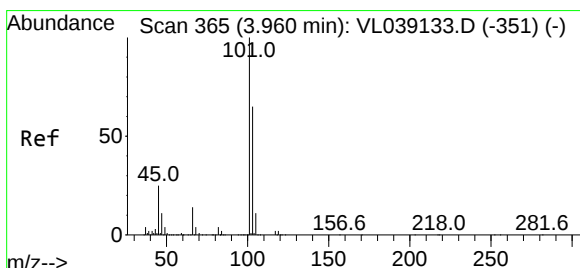
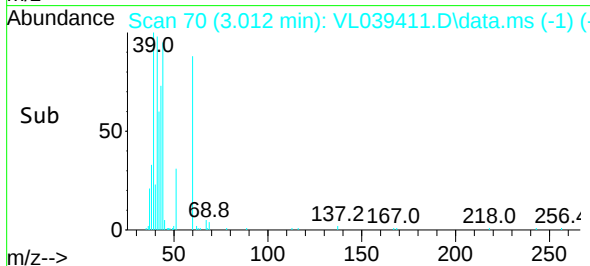
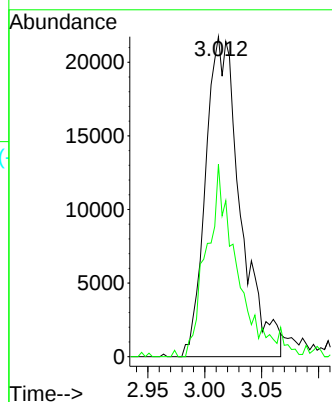
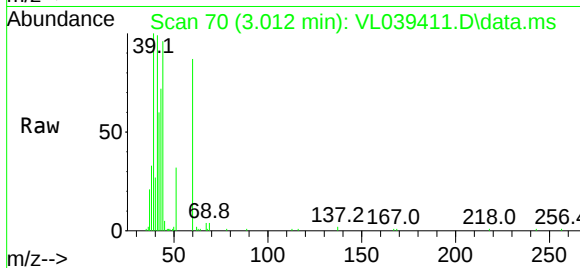
#9
Propene
Concen: 0.751 ppbv m
RT: 3.012 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 41 Resp: 4636
Ion Ratio Lower Upper
41 100
42 116.8 55.2 82.8

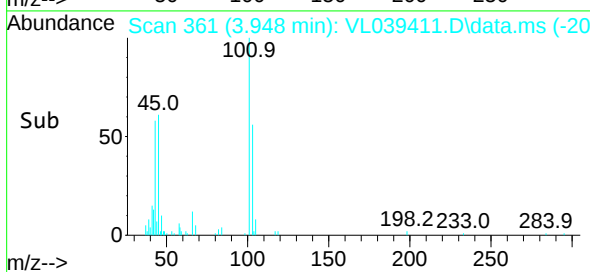
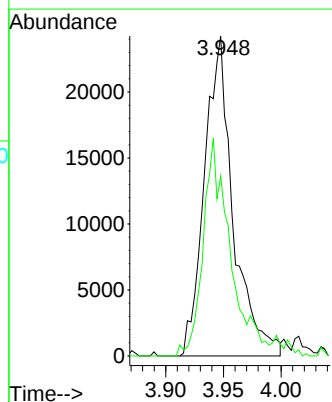
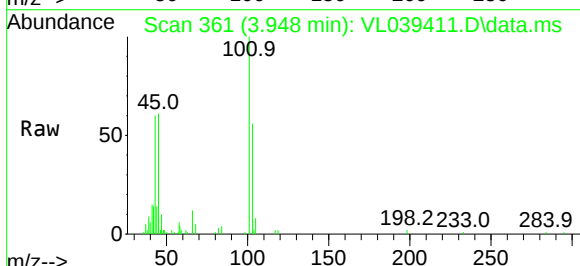
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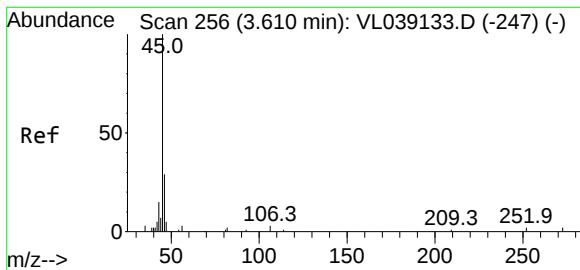
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#11
Trichlorofluoromethane
Concen: 0.242 ppbv
RT: 3.948 min Scan# 361
Delta R.T. 0.010 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

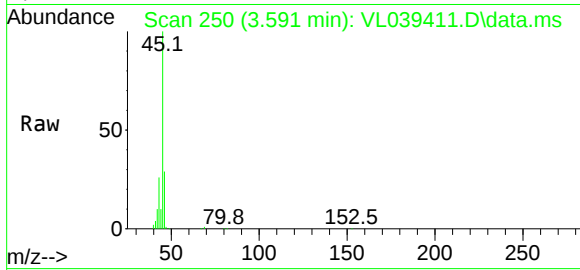
Tgt Ion:101 Resp: 41928
Ion Ratio Lower Upper
101 100
103 52.8 51.8 77.8





#13
Ethanol
Concen: 50.574 ppbv m
RT: 3.591 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

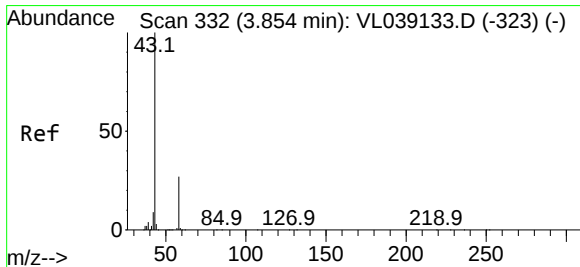
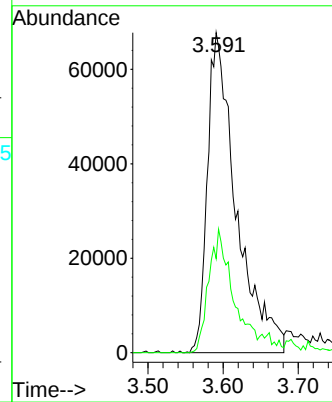
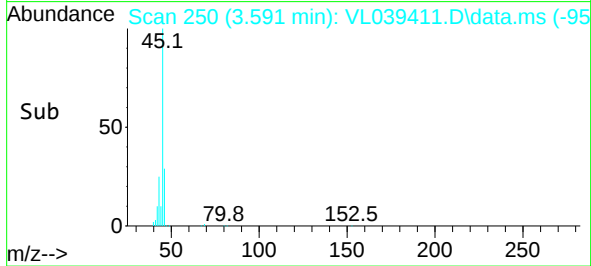
Instrument :
MSVOA_L
ClientSampleId :
OA1



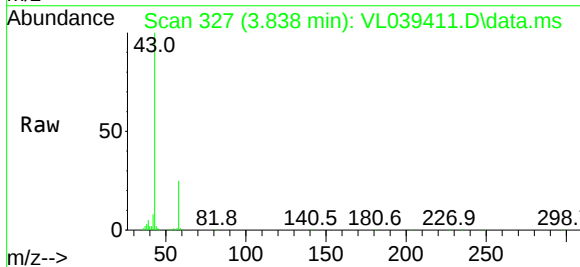
Tgt Ion: 45 Resp: 18101
Ion Ratio Lower Upper
45 100
46 34.5 22.8 91.2

Manual Integrations
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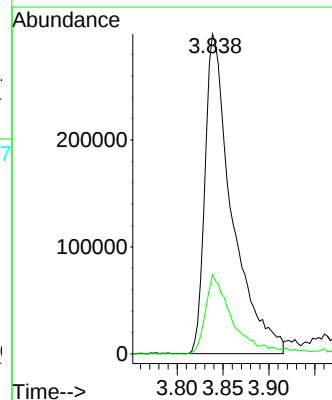
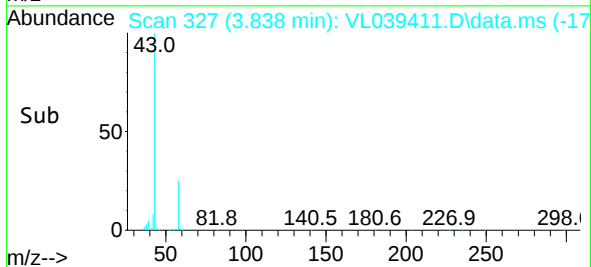
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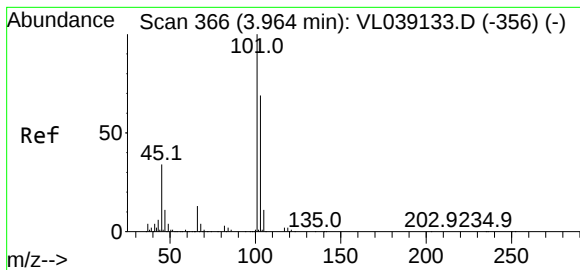


#15
Acetone
Concen: 4.797 ppbv
RT: 3.838 min Scan# 327
Delta R.T. 0.003 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07



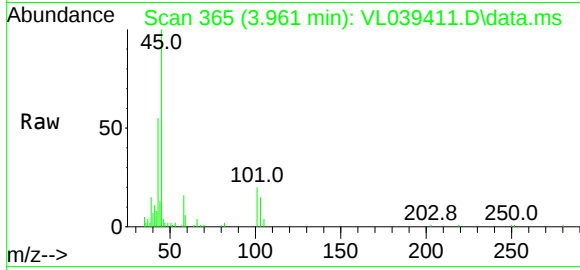
Tgt Ion: 43 Resp: 611039
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6





#19
Isopropyl Alcohol
Concen: 1.067 ppbv
RT: 3.961 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

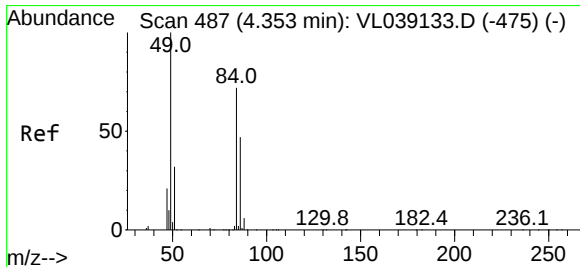
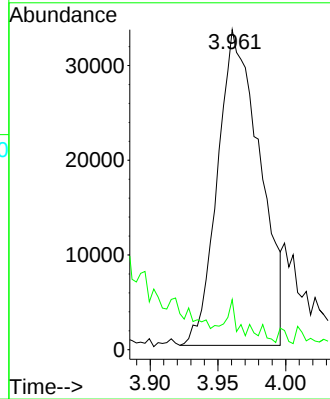
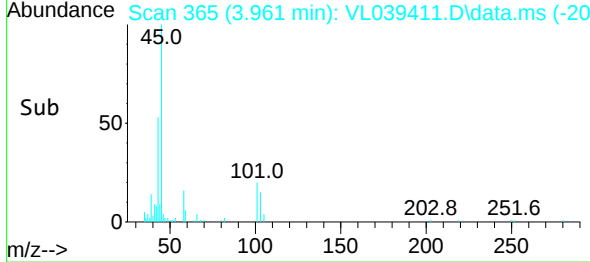
Instrument :
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ClientSampleId :
OA1



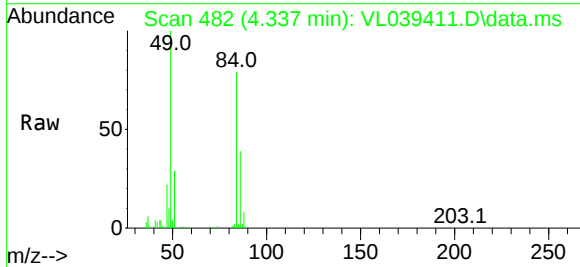
Tgt Ion: 45 Resp: 72489
Ion Ratio Lower Upper
45 100
58 7.3 3.2 4.8

Manual Integrations
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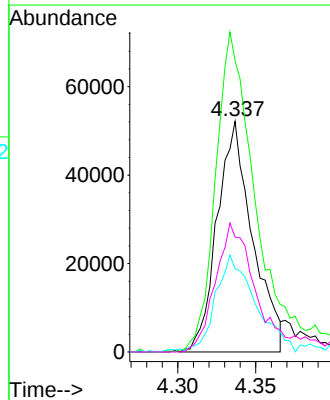
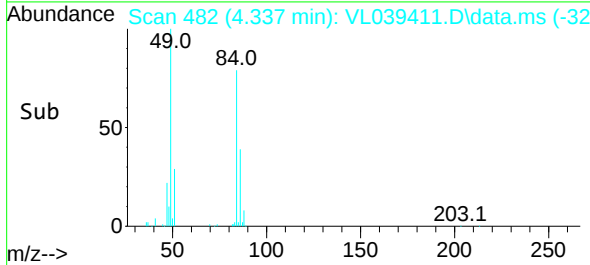
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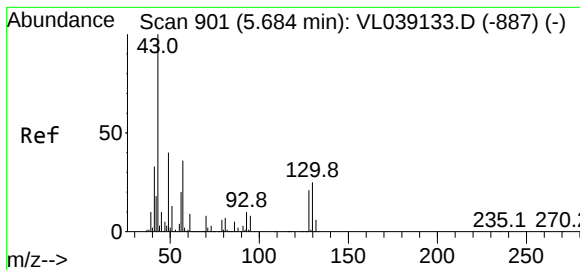


#20
Methylene Chloride
Concen: 1.627 ppbv
RT: 4.337 min Scan# 482
Delta R.T. 0.006 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07



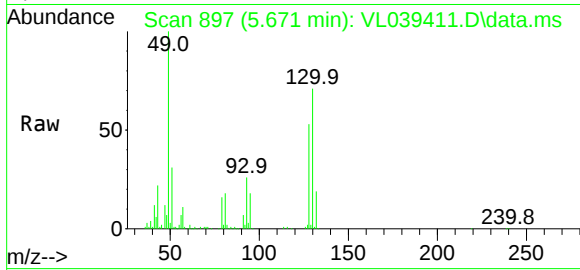
Tgt Ion: 84 Resp: 82601
Ion Ratio Lower Upper
84 100
49 125.4 123.1 184.7
51 34.9 34.4 51.6
86 49.8 51.1 76.7#





#25
Ethyl Acetate
Concen: 0.414 ppbv
RT: 5.671 min Scan# 897
Delta R.T. 0.010 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

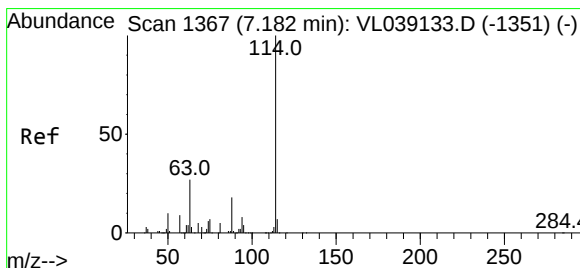
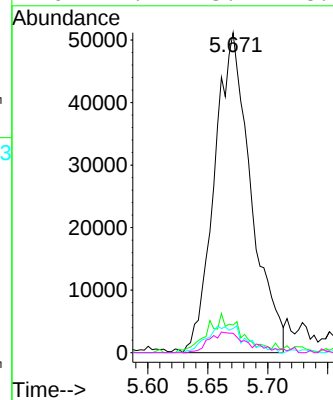
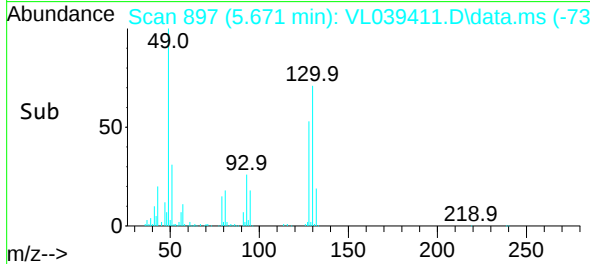
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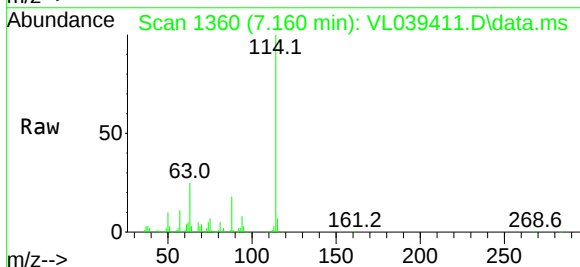
Tgt Ion: 43 Resp: 108208
Ion Ratio Lower Upper
43 100
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61 8.8 8.3 12.5
70 7.2 5.9 8.9

Manual Integrations
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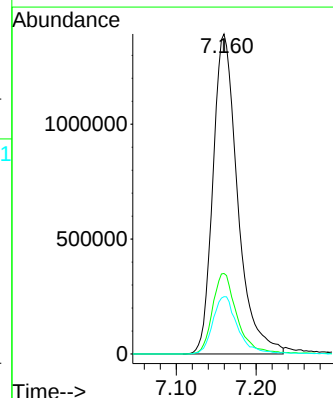
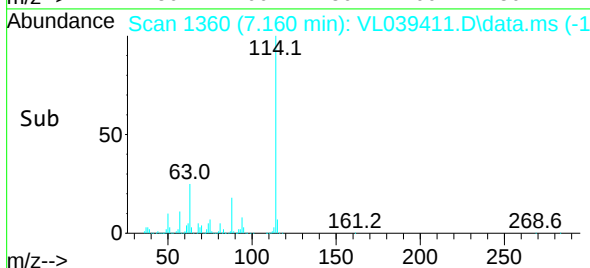
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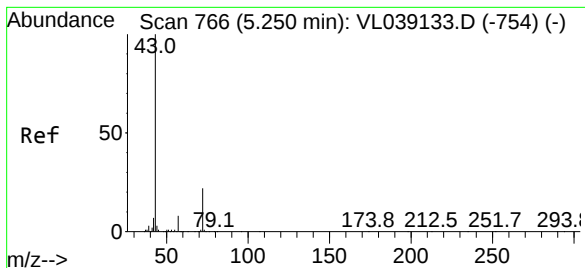


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07



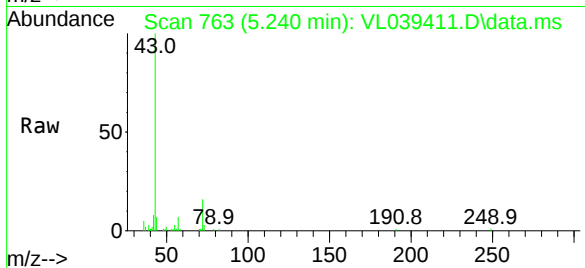
Tgt Ion:114 Resp: 2989754
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.4
88 18.2 14.5 21.7





#34
2-Butanone
Concen: 0.287 ppbv
RT: 5.240 min Scan# 70
Delta R.T. 0.016 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

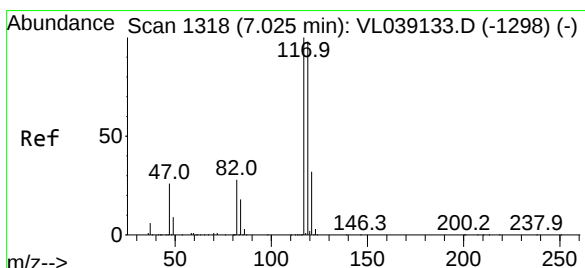
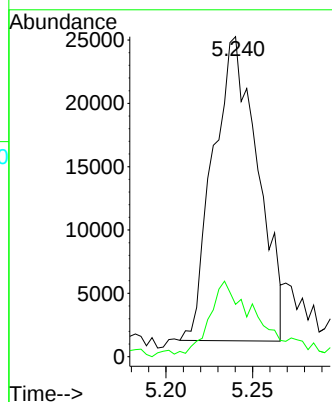
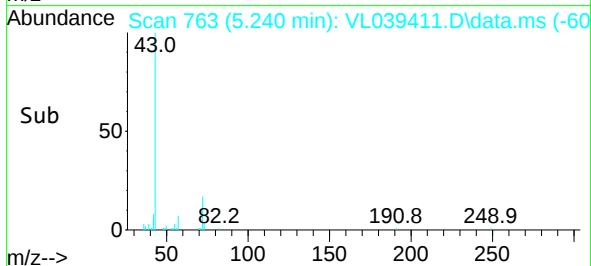
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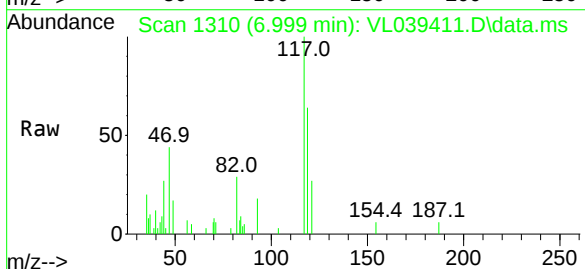
Tgt Ion: 43 Resp: 4313
Ion Ratio Lower Upper
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72 31.1 17.9 26.9

Manual Integrations
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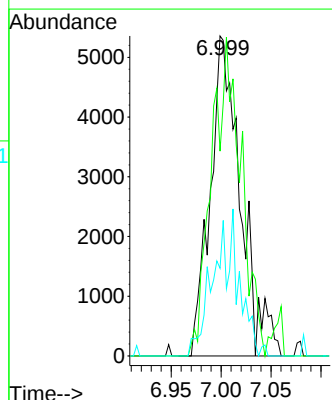
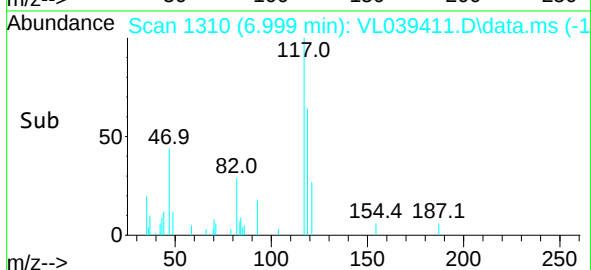
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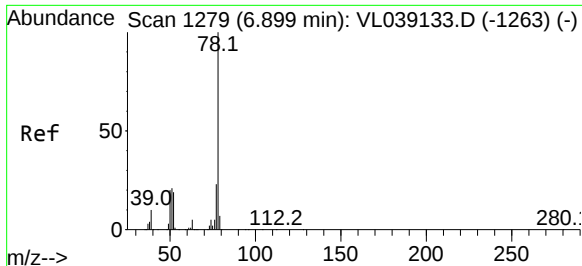


#35
Carbon Tetrachloride
Concen: 0.062 ppbv m
RT: 6.999 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07



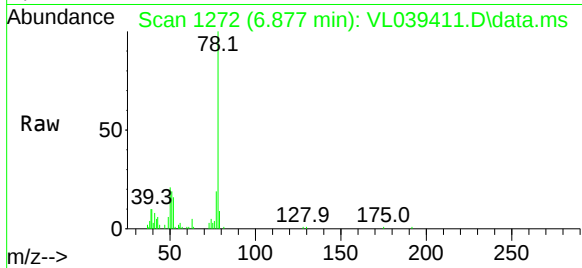
Tgt Ion:117 Resp: 11394
Ion Ratio Lower Upper
117 100
119 64.0 75.4 113.2#
121 27.4 24.2 36.2





#36
Benzene
Concen: 0.193 ppbv
RT: 6.877 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

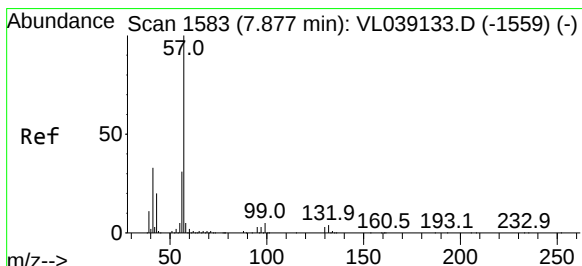
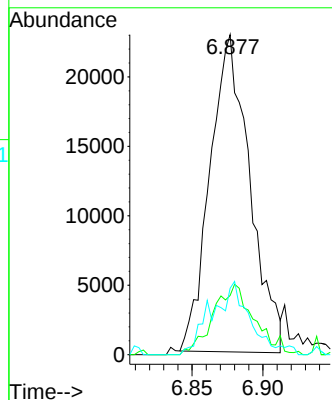
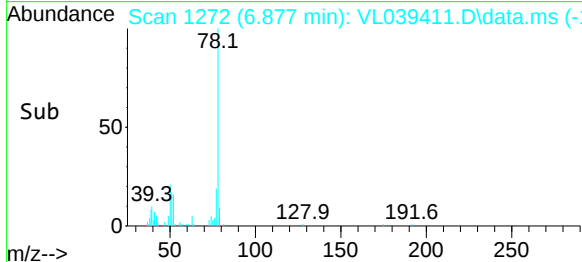
Instrument :
MSVOA_L
ClientSampleId :
OA1



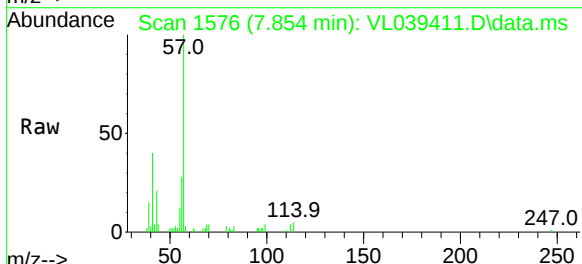
Tgt Ion: 78 Resp: 4469
Ion Ratio Lower Upper
78 100
77 18.7 20.3 30.5
50 21.0 15.5 23.3

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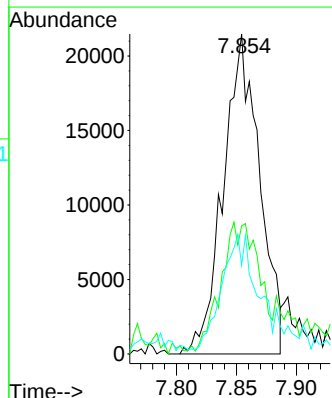
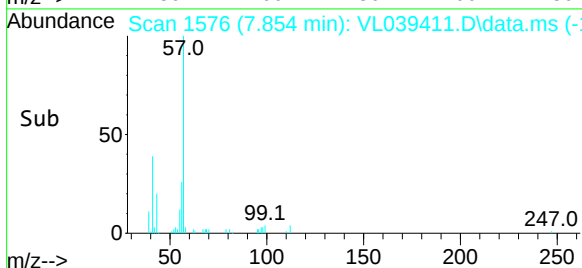
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

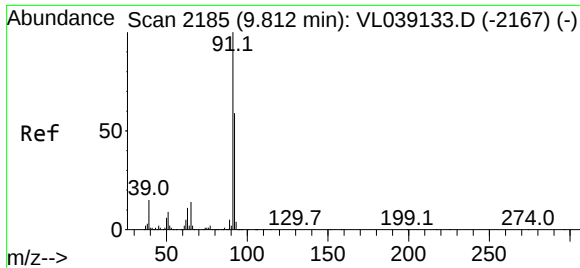


#44
2,2,4-Trimethylpentane
Concen: 0.115 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. 0.003 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07



Tgt Ion: 57 Resp: 45188
Ion Ratio Lower Upper
57 100
41 60.4 27.4 41.2#
56 46.1 24.5 36.7#





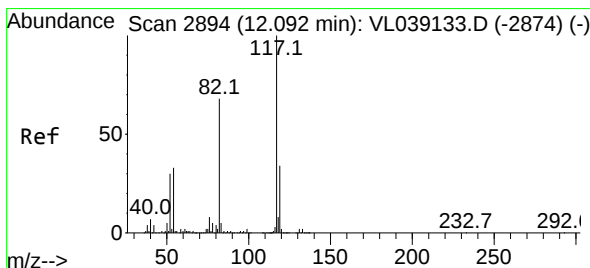
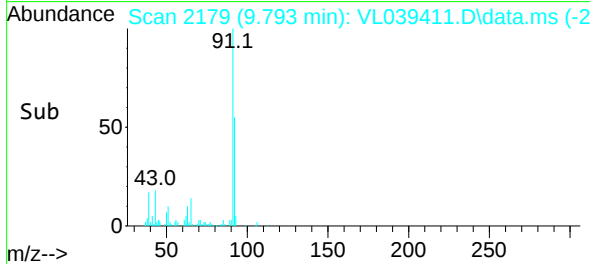
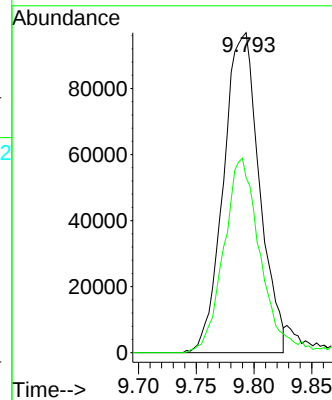
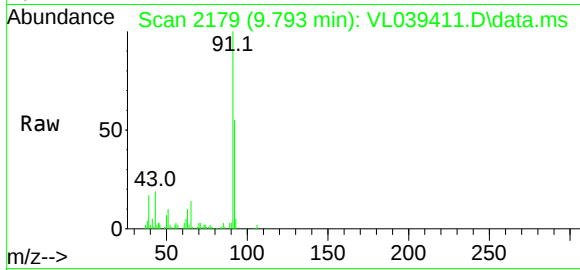
#53
Toluene
Concen: 0.787 ppbv
RT: 9.793 min Scan# 2185
Delta R.T. 0.010 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 91 Resp: 210059
Ion Ratio Lower Upper
91 100
92 62.3 48.2 72.2

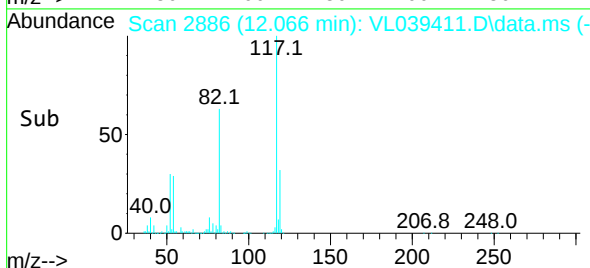
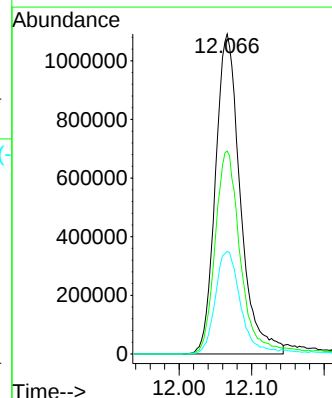
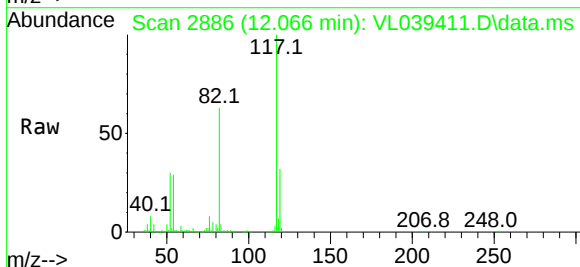
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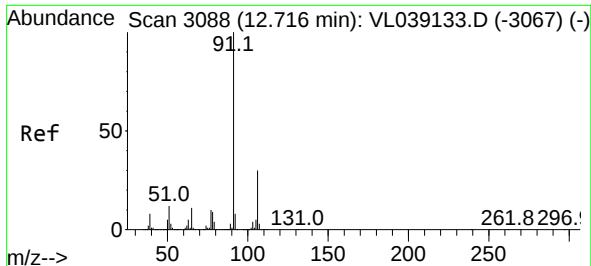
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. 0.000 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

Tgt Ion:117 Resp: 2602693
Ion Ratio Lower Upper
117 100
82 67.3 50.8 76.2
119 33.3 24.1 36.1





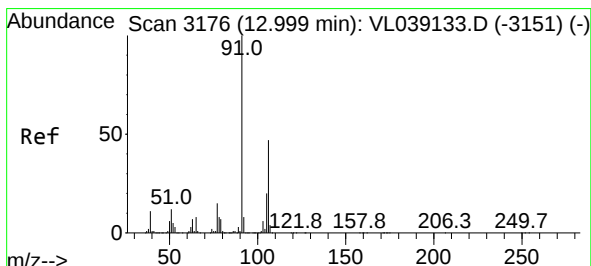
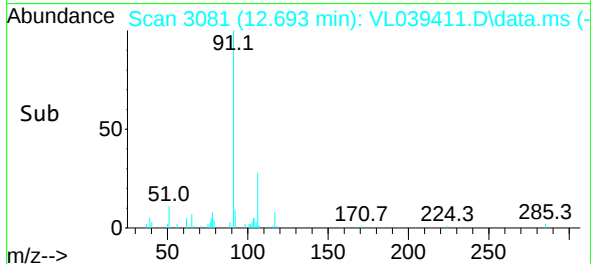
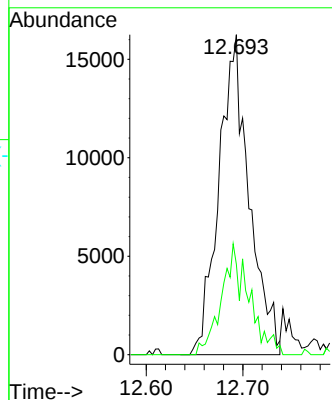
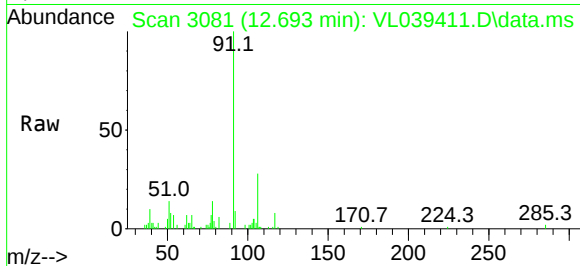
#58
Ethyl Benzene
Concen: 0.105 ppbv m
RT: 12.693 min Scan# 3081
Delta R.T. 0.006 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 91 Resp: 35284
Ion Ratio Lower Upper
91 100
106 28.3 25.4 38.0

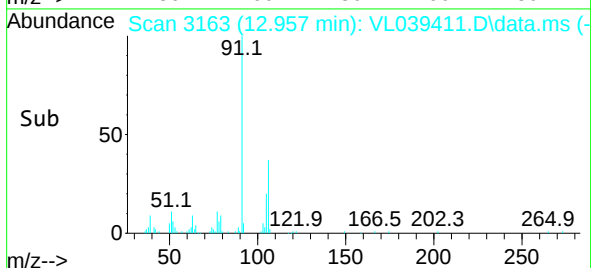
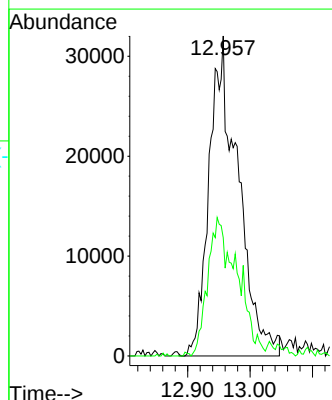
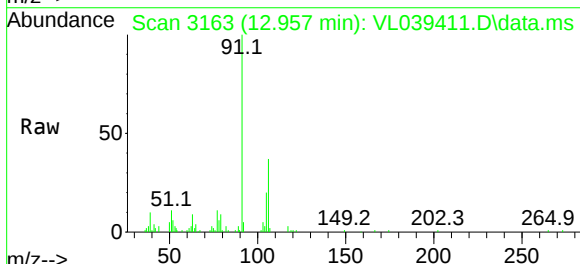
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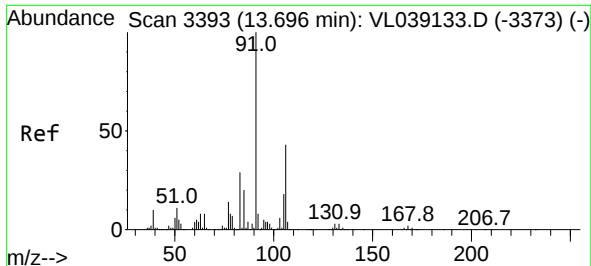
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#59
m/p-Xylene
Concen: 0.346 ppbv m
RT: 12.957 min Scan# 3163
Delta R.T. -0.016 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

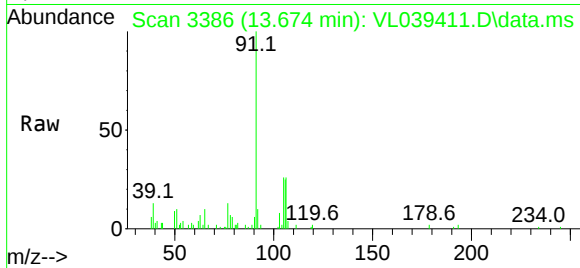
Tgt Ion: 91 Resp: 102569
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#60
o-Xylene
Concen: 0.117 ppbv m
RT: 13.674 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

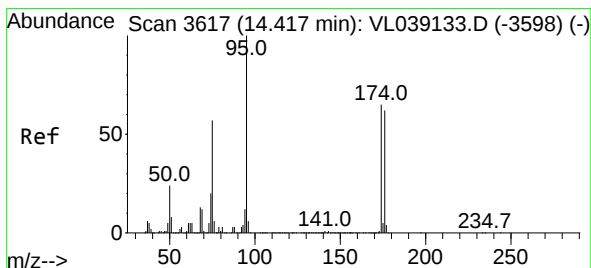
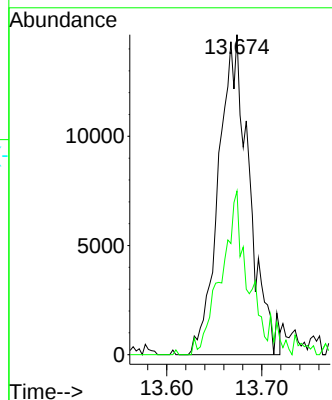
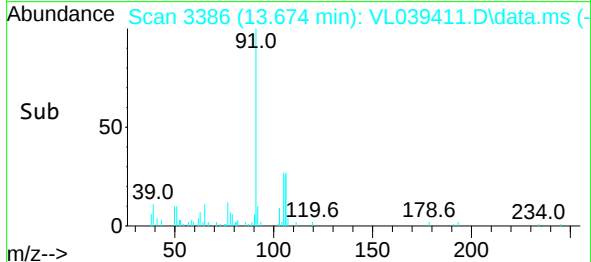
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 91 Resp: 3292
Ion Ratio Lower Upper
91 100
106 0.0 22.4 67.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.331 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VL039411.D
Acq: 30 Jun 2022 1:07

Tgt Ion: 95 Resp: 1994658
Ion Ratio Lower Upper
95 100
174 70.1 55.9 83.9
175 5.4 4.2 6.4

