

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
 Data File : VL038472.D
 Acq On : 2 Mar 2022 4:54
 Operator : SY/AP
 Sample : N1723-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FSG4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 06:06:32 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	857644	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.176	114	2206330	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.082	117	1905754	10.000	ppbv	# 0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	1451382	9.204	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.000%
Target Compounds						
					Qvalue	
9) Propene	3.031	41	22954	0.459	ppbv #	83
10) Heptane	8.121	43	33985m	0.279	ppbv	
13) Ethanol	3.623	45	45677	9.153	ppbv	95
15) Acetone	3.857	43	551560	7.562	ppbv	100
17) tert-Butyl alcohol	4.320	59	18712m	0.257	ppbv	
19) Isopropyl Alcohol	3.996	45	12971m	0.307	ppbv	
20) Methylene Chloride	4.349	84	130171	3.602	ppbv	98
26) Hexane	5.690	57	248149	2.797	ppbv #	43
30) Cyclohexane	7.131	84	13014m	0.179	ppbv	
34) 2-Butanone	5.266	43	26045	0.375	ppbv #	80
36) Benzene	6.889	78	91442	0.471	ppbv #	89
44) 2,2,4-Trimethylpentane	7.873	57	36101m	0.108	ppbv	
53) Toluene	9.806	91	317025	1.503	ppbv	99
58) Ethyl Benzene	12.706	91	35722	0.137	ppbv	96
59) m/p-Xylene	12.966	91	79353m	0.355	ppbv	
60) o-Xylene	13.683	91	22186m	0.105	ppbv	
62) Isopropylbenzene	14.664	105	428644	1.510	ppbv	99

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

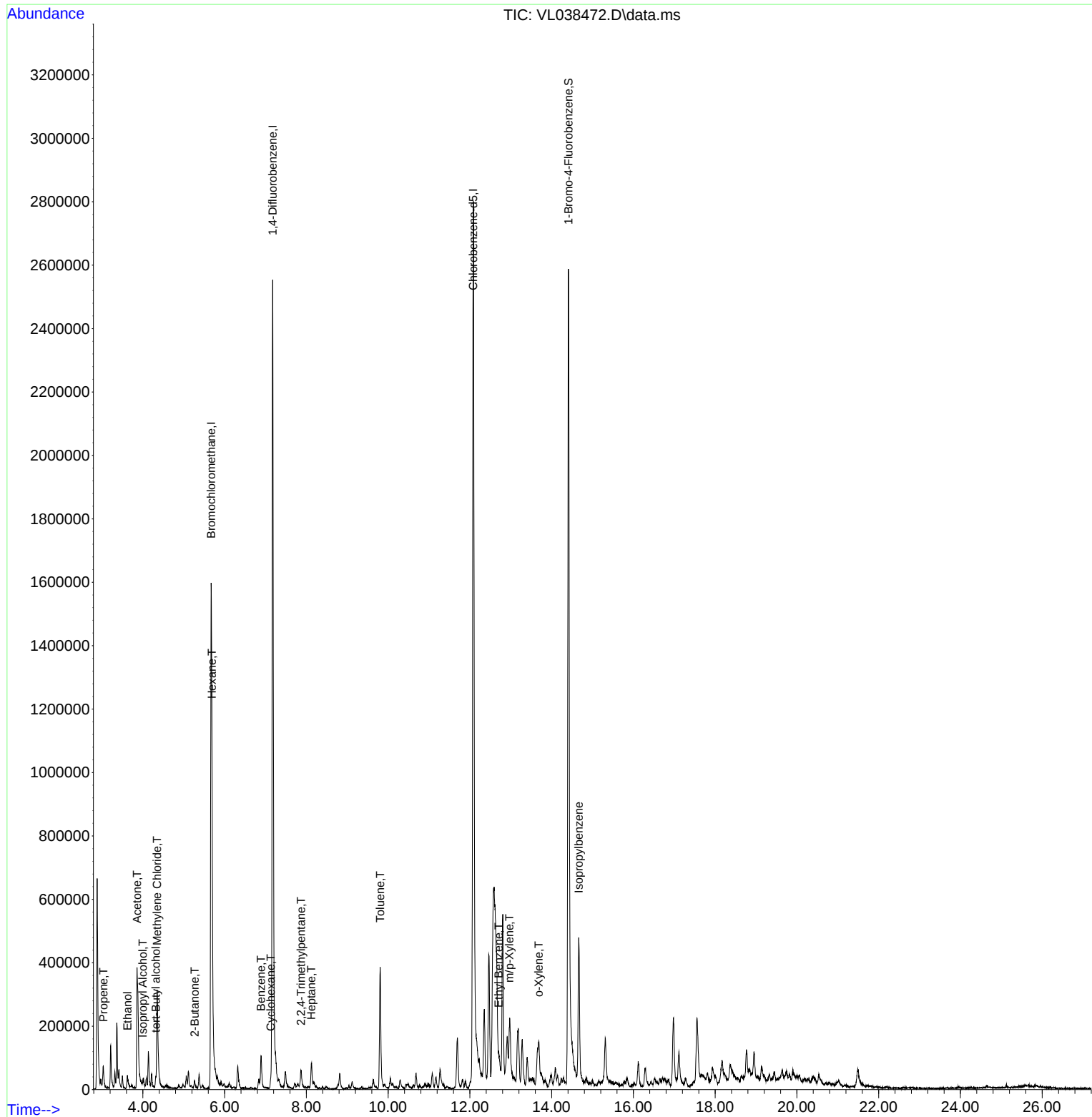
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
Data File : VL038472.D
Acq On : 2 Mar 2022 4:54
Operator : SY/AP
Sample : N1723-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

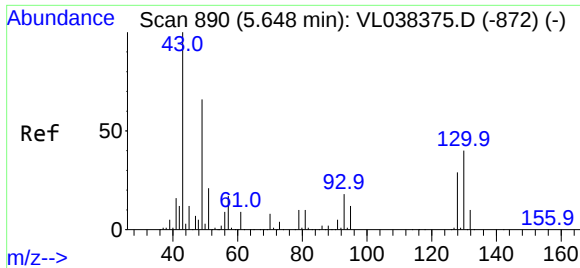
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL

Quant Time: Mar 02 06:06:32 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

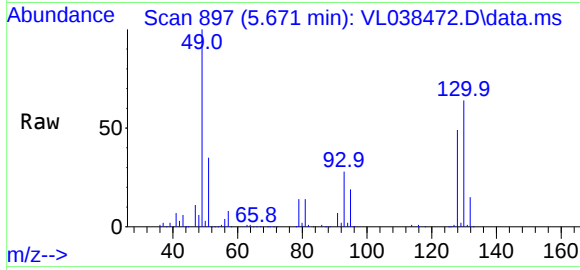
Reviewed By : Semsettin Yesilyurt 03/02/2022
Supervised By : Mahesh Dadoda 03/02/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 890
Delta R.T. 0.023 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

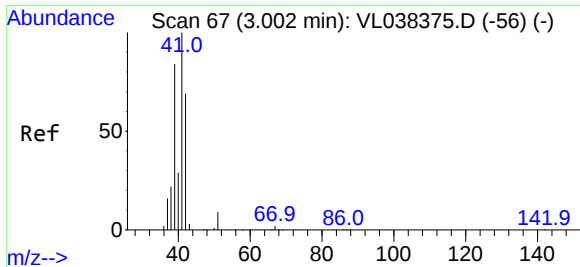
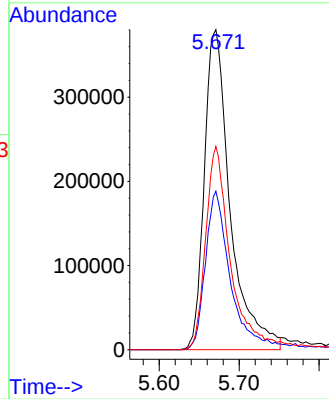
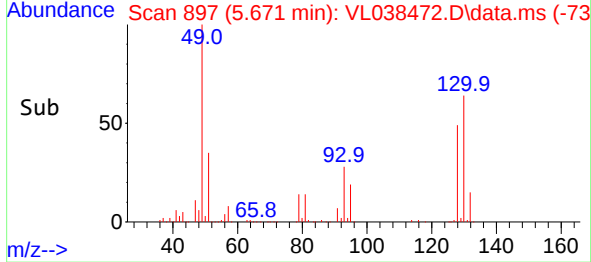
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL



Tgt Ion: 49 Resp: 857644
Ion Ratio Lower Upper
49 100
128 50.1 24.3 72.9
130 63.4 30.1 90.5

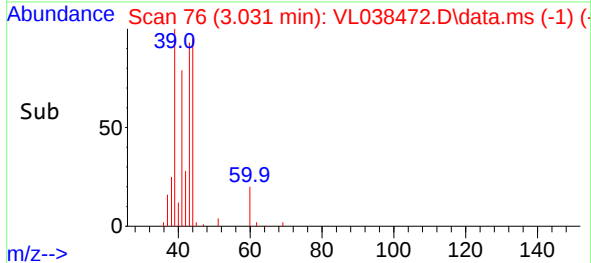
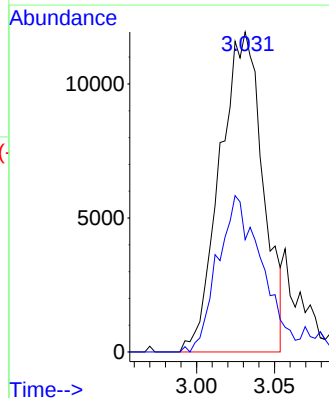
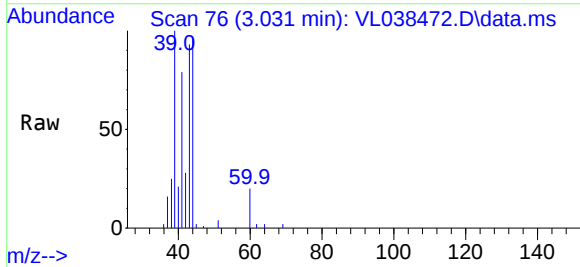
Manual Integrations
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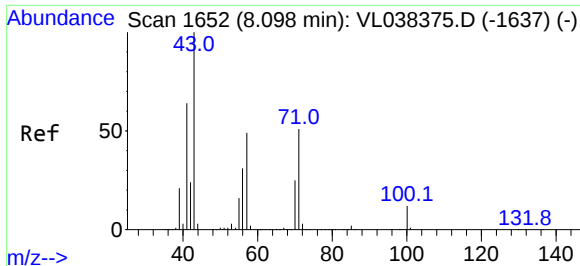
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#9
Propene
Concen: 0.459 ppbv
RT: 3.031 min Scan# 76
Delta R.T. 0.029 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

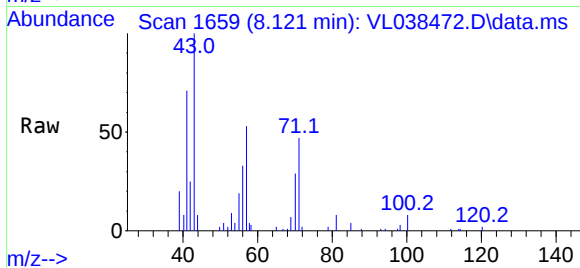
Tgt Ion: 41 Resp: 22954
Ion Ratio Lower Upper
41 100
42 54.6 54.6 82.0#





#10
Heptane
Concen: 0.279 ppbv m
RT: 8.121 min Scan# 1
Delta R.T. 0.023 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

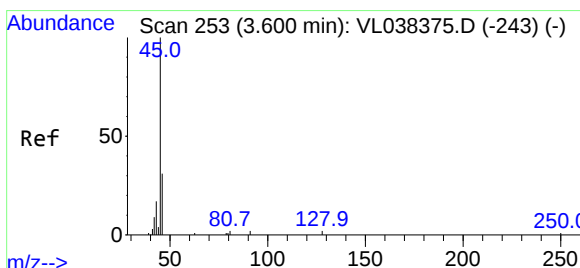
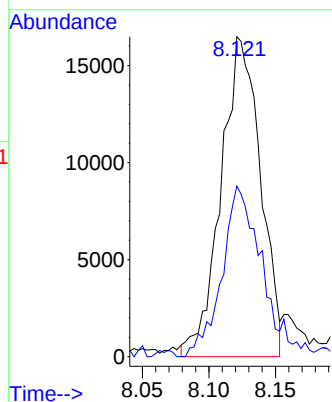
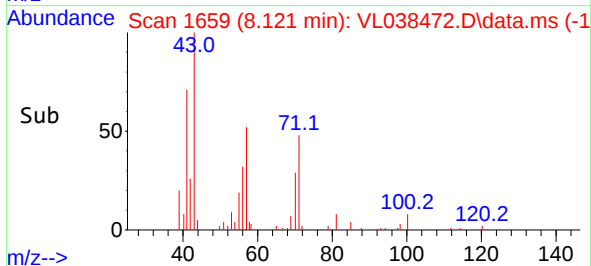
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL



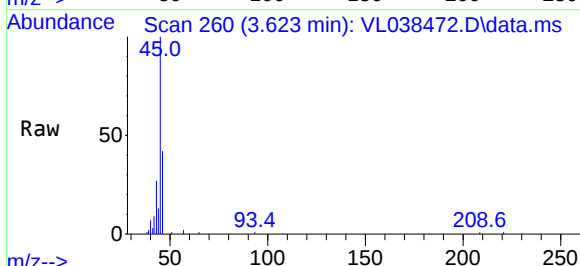
Tgt Ion: 43 Resp: 3398
Ion Ratio Lower Upper
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57 54.5 39.8 59.8

Manual Integrations
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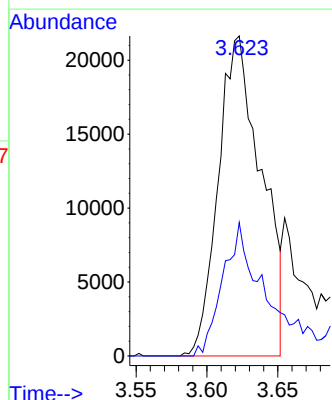
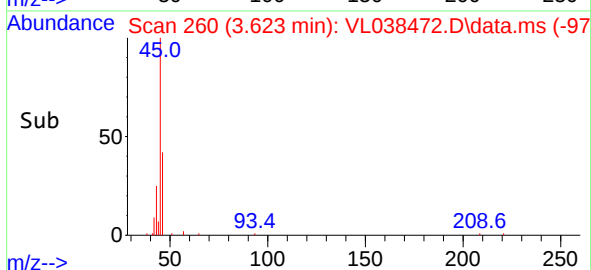
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

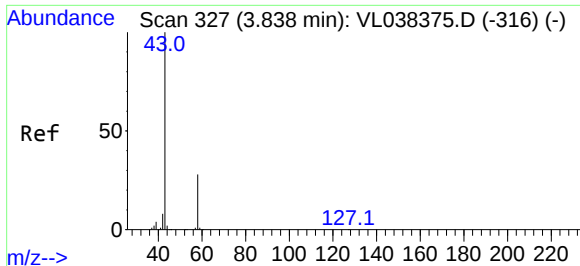


#13
Ethanol
Concen: 9.153 ppbv
RT: 3.623 min Scan# 260
Delta R.T. 0.023 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54



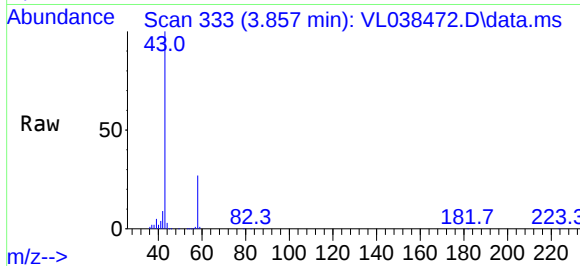
Tgt Ion: 45 Resp: 45677
Ion Ratio Lower Upper
45 100
46 49.0 18.2 72.8





#15
Acetone
Concen: 7.562 ppbv
RT: 3.857 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

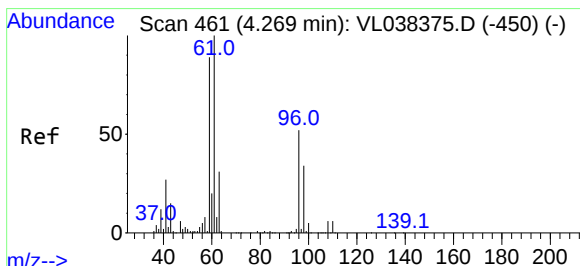
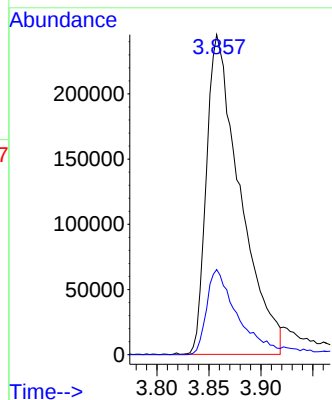
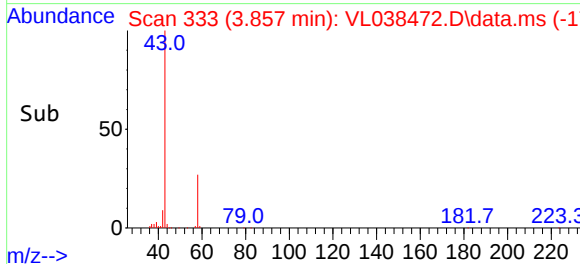
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL



Tgt Ion: 43 Resp: 551560
Ion Ratio Lower Upper
43 100
58 26.9 21.7 32.5

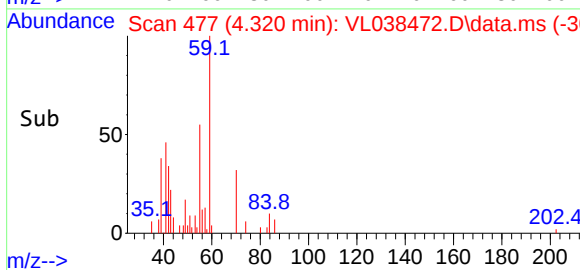
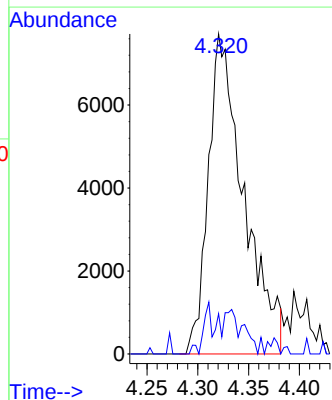
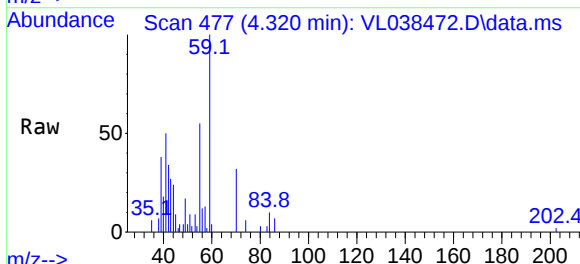
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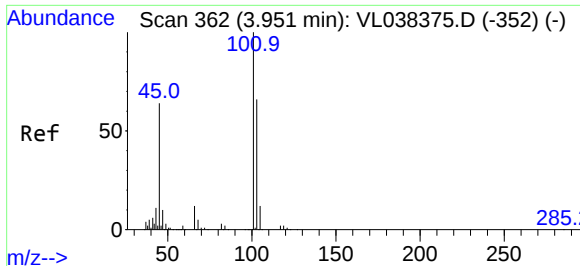
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#17
tert-Butyl alcohol
Concen: 0.257 ppbv m
RT: 4.320 min Scan# 477
Delta R.T. 0.051 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

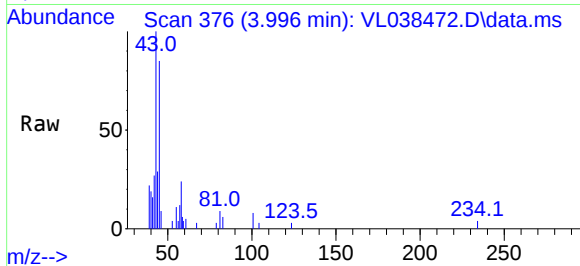
Tgt Ion: 59 Resp: 18712
Ion Ratio Lower Upper
59 100
57 14.7 8.4 12.6#





#19
Isopropyl Alcohol
Concen: 0.307 ppbv
RT: 3.996 min Scan# 31
Delta R.T. 0.045 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

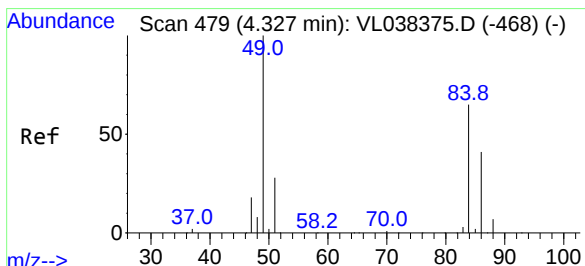
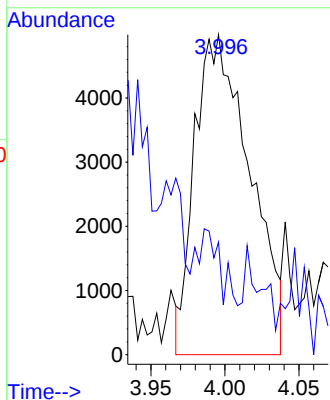
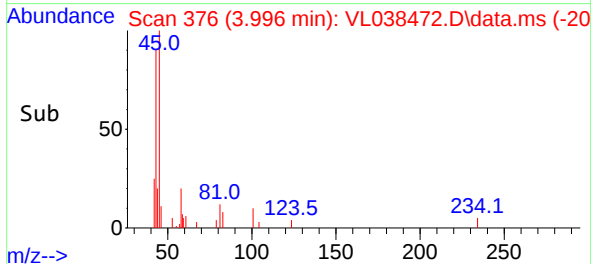
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL



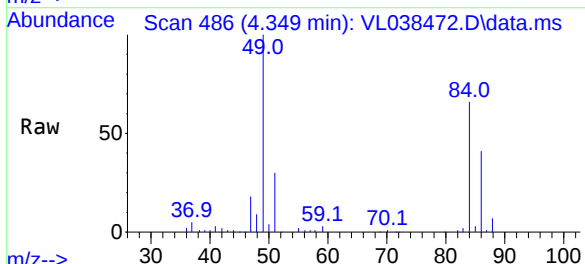
Tgt Ion: 45 Resp: 1297
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

Manual Integrations
APPROVED

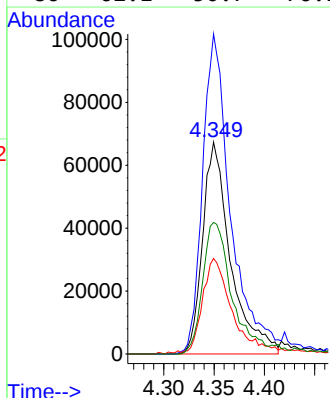
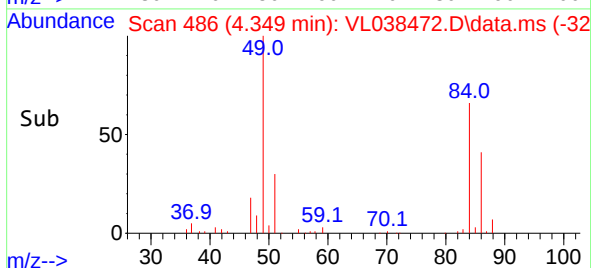
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

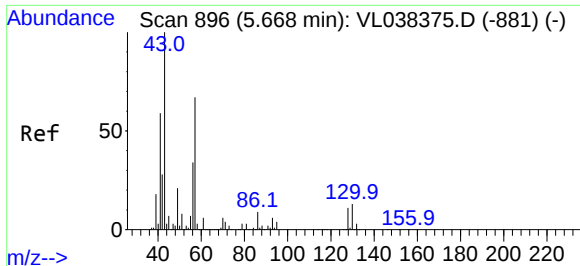


#20
Methylene Chloride
Concen: 3.602 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.023 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54



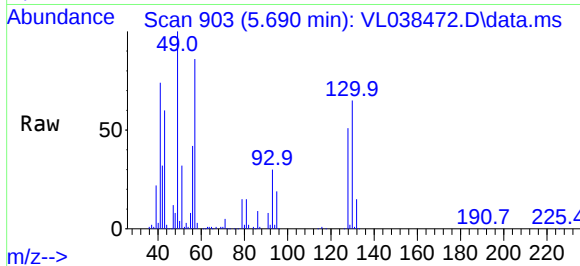
Tgt Ion: 84 Resp: 130171
Ion Ratio Lower Upper
84 100
49 150.5 122.4 183.6
51 43.6 33.3 49.9
86 62.1 50.7 76.1





#26
Hexane
Concen: 2.797 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.023 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

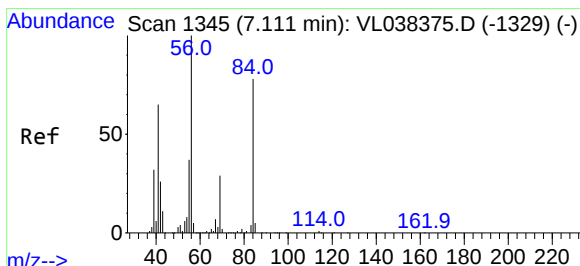
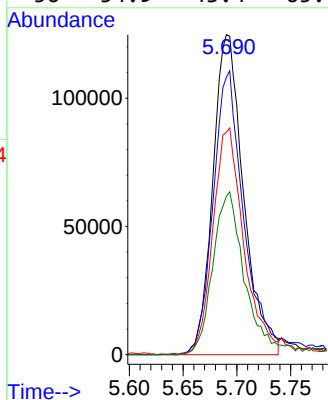
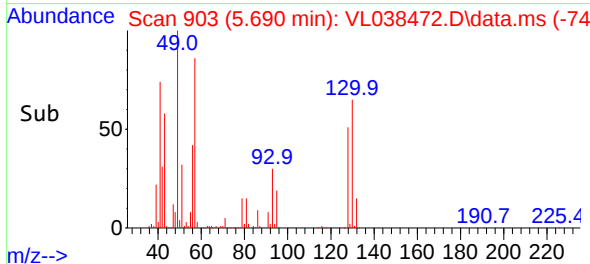
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL



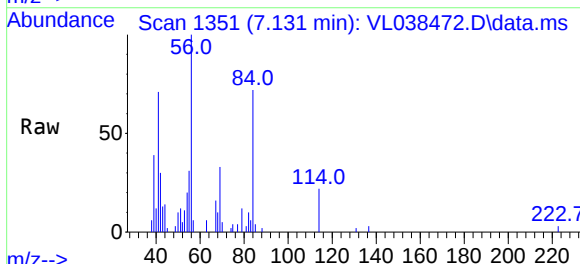
Tgt Ion: 57 Resp: 248149
Ion Ratio Lower Upper
57 100
41 93.1 73.1 109.7
43 73.4 181.0 271.4
56 54.9 43.4 65.0

Manual Integrations
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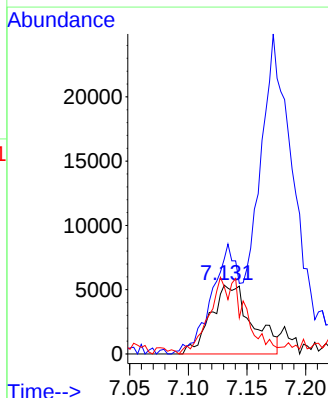
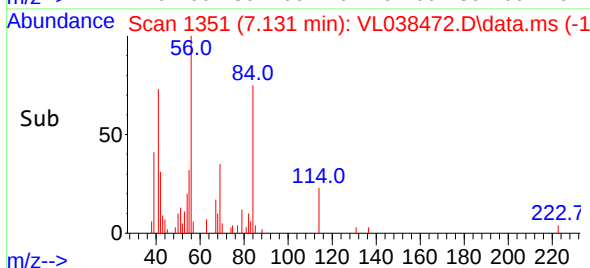
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

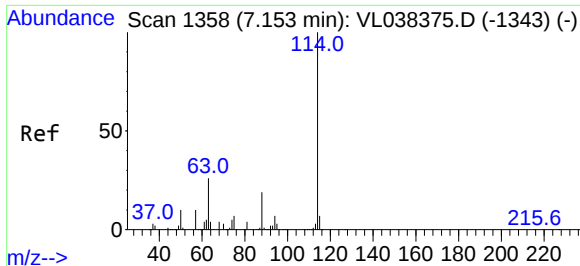


#30
Cyclohexane
Concen: 0.179 ppbv m
RT: 7.131 min Scan# 1351
Delta R.T. 0.019 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54



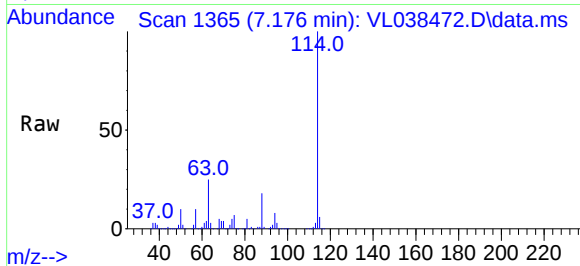
Tgt Ion: 84 Resp: 13014
Ion Ratio Lower Upper
84 100
56 0.0 116.2 174.4#
41 0.0 74.3 111.5#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 114
Delta R.T. 0.023 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

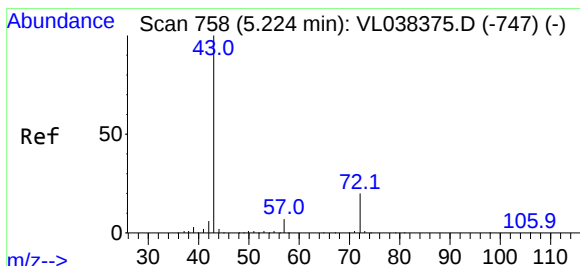
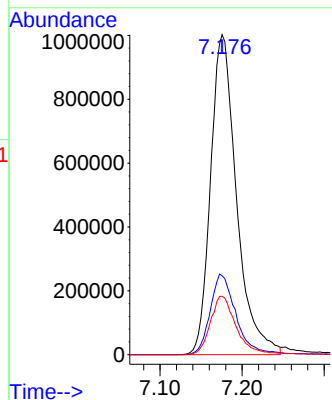
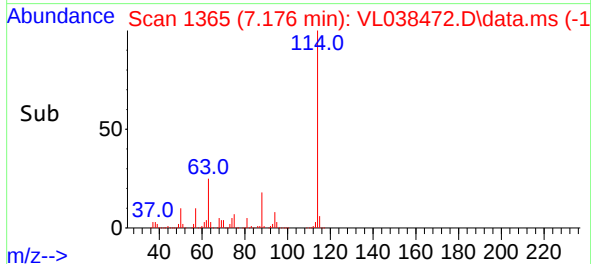
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL



Tgt Ion:114 Resp: 2206330
Ion Ratio Lower Upper
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63 25.7 22.2 33.2
88 18.4 15.2 22.8

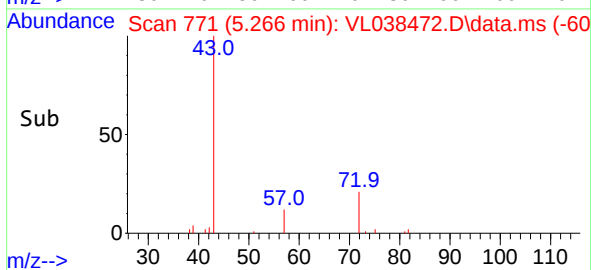
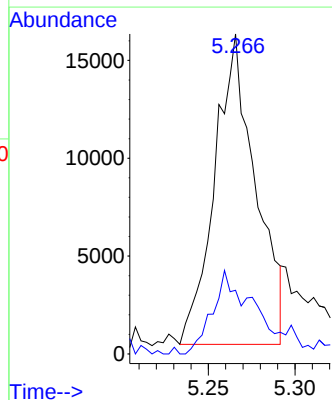
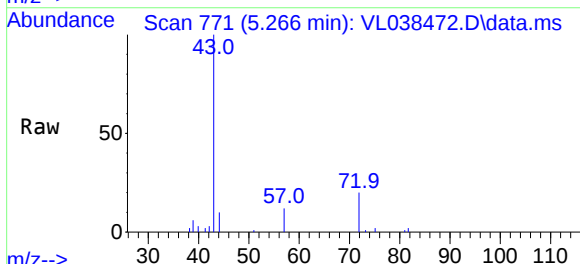
Manual Integrations
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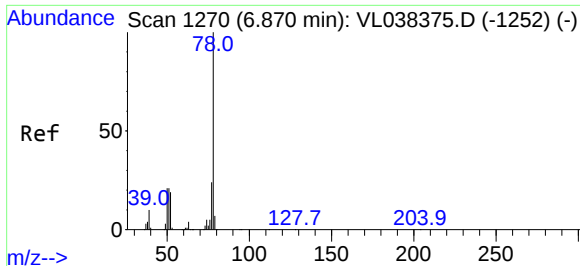
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#34
2-Butanone
Concen: 0.375 ppbv
RT: 5.266 min Scan# 771
Delta R.T. 0.042 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

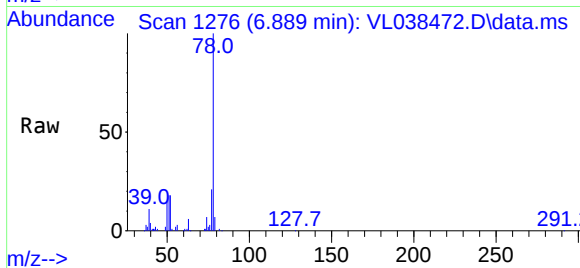
Tgt Ion: 43 Resp: 26045
Ion Ratio Lower Upper
43 100
72 31.2 17.4 26.2#





#36
Benzene
Concen: 0.471 ppbv
RT: 6.889 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

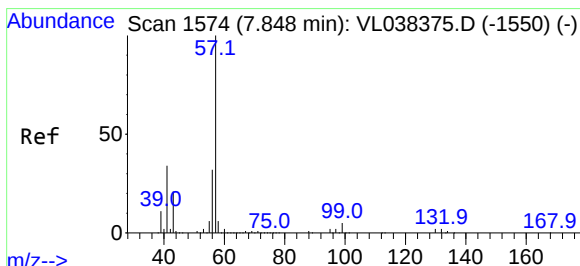
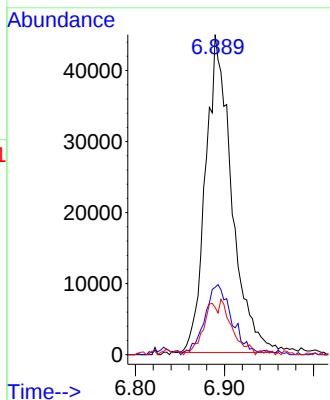
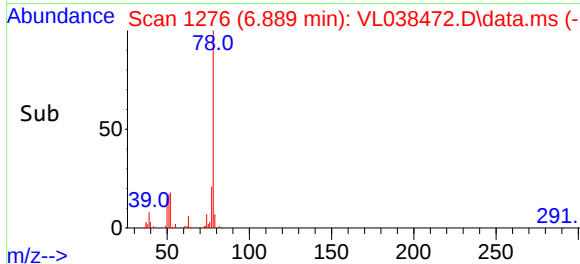
Instrument :
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ClientSampleId :
FSG4DL



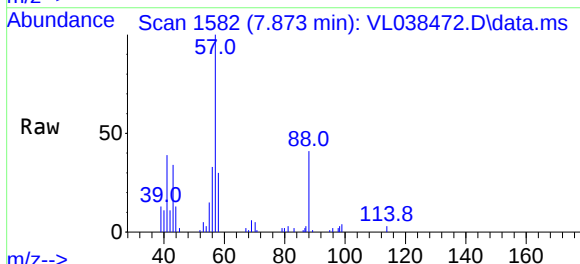
Tgt Ion: 78 Resp: 9144
Ion Ratio Lower Upper
78 100
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50 13.8 16.6 24.8

Manual Integrations
APPROVED

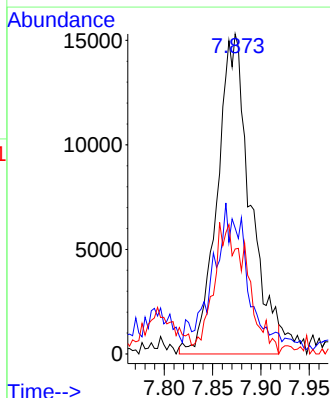
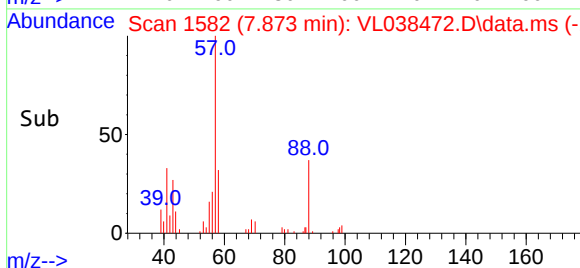
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Supervised By :Mahesh Dadoda 03/02/2022

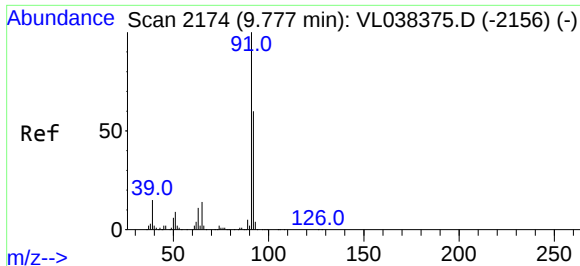


#44
2,2,4-Trimethylpentane
Concen: 0.108 ppbv m
RT: 7.873 min Scan# 1582
Delta R.T. 0.026 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54



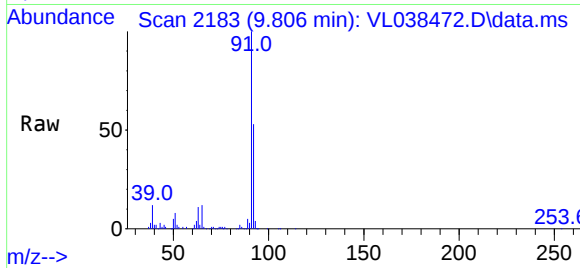
Tgt Ion: 57 Resp: 36101
Ion Ratio Lower Upper
57 100
41 51.4 26.6 39.8#
56 43.1 25.0 37.6#





#53
Toluene
Concen: 1.503 ppbv
RT: 9.806 min Scan# 2174
Delta R.T. 0.029 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

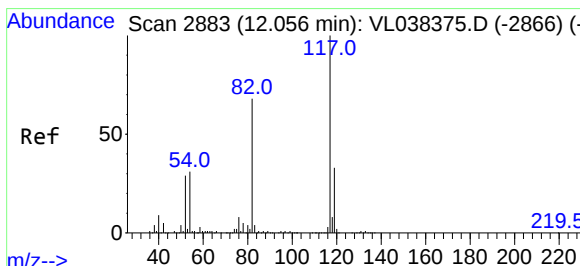
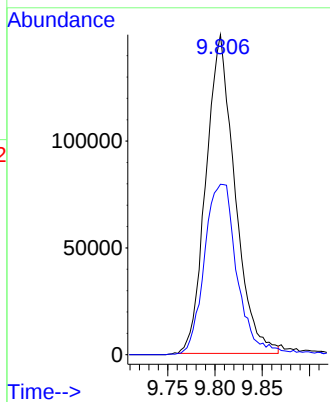
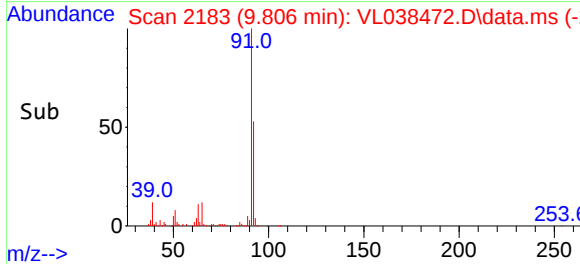
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL



Tgt Ion: 91 Resp: 317025
Ion Ratio Lower Upper
91 100
92 61.4 48.2 72.4

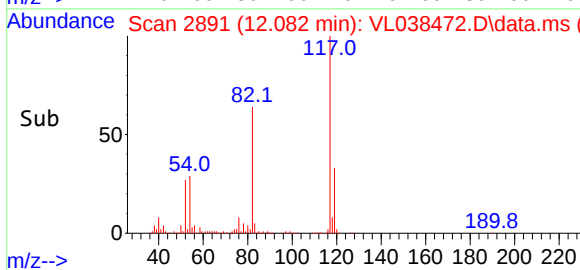
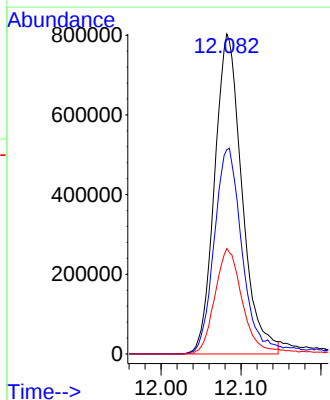
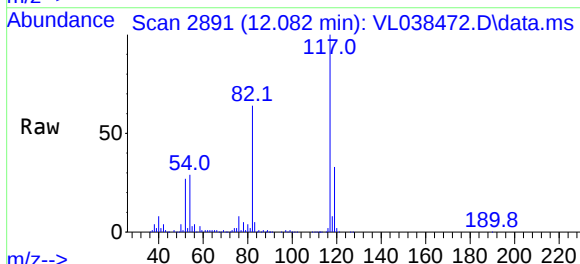
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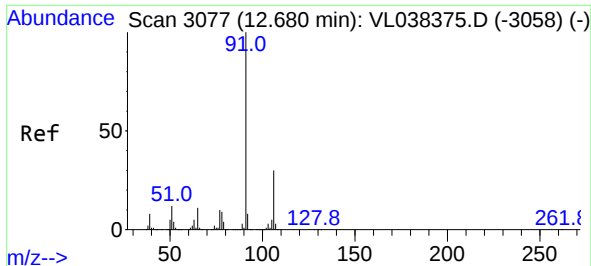
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. 0.026 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

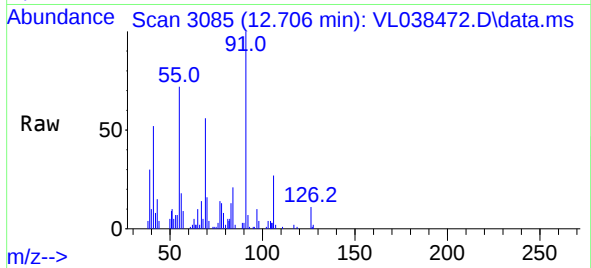
Tgt Ion:117 Resp: 1905754
Ion Ratio Lower Upper
117 100
82 69.4 54.9 82.3
119 34.6 46.1 69.1#





#58
Ethyl Benzene
Concen: 0.137 ppbv
RT: 12.706 min Scan# 3077
Delta R.T. 0.026 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

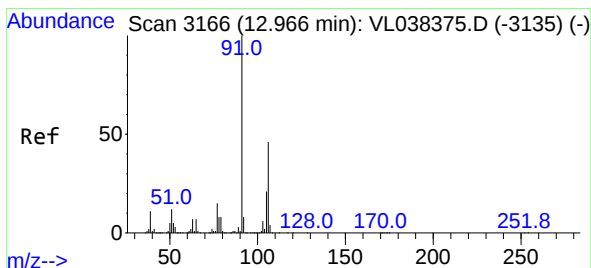
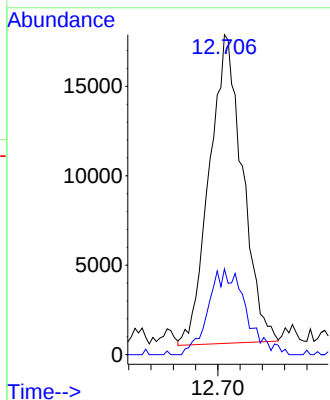
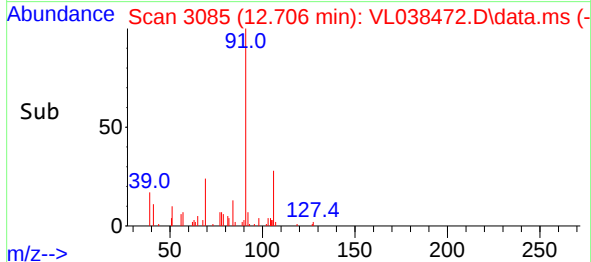
Instrument :
MSVOA_L
ClientSampleId :
FSG4DL



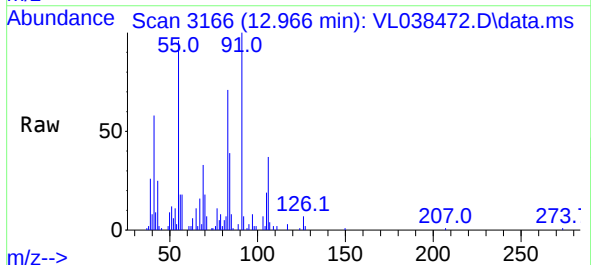
Tgt Ion: 91 Resp: 3572
Ion Ratio Lower Upper
91 100
106 28.0 24.0 36.0

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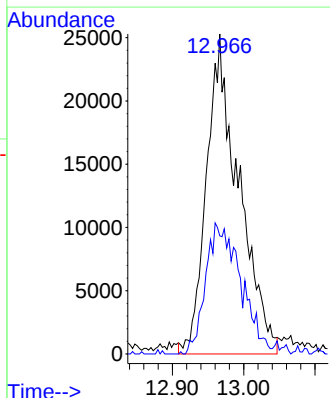
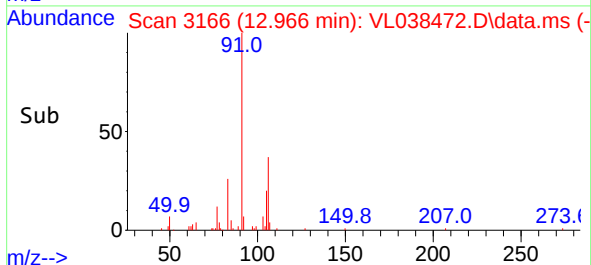
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

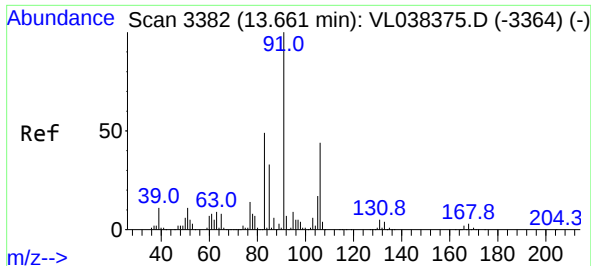


#59
m/p-Xylene
Concen: 0.355 ppbv m
RT: 12.966 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54



Tgt Ion: 91 Resp: 79353
Ion Ratio Lower Upper
91 100
106 0.0 34.4 51.6#





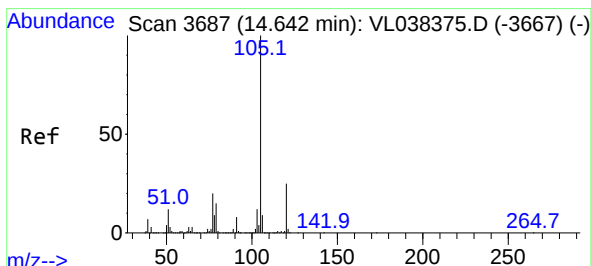
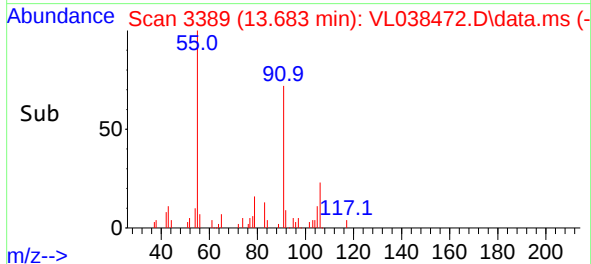
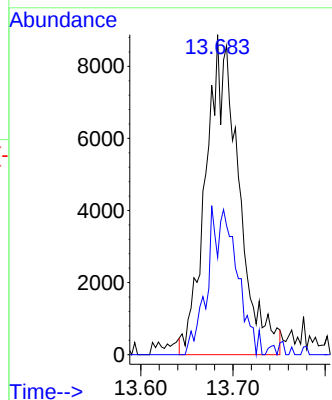
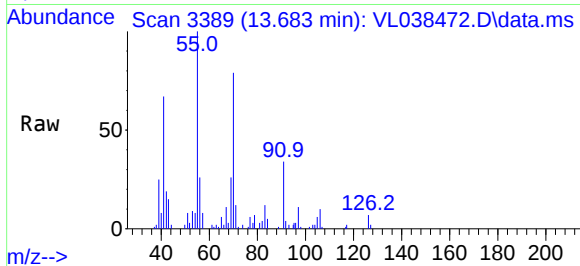
#60
o-Xylene
Concen: 0.105 ppbv m
RT: 13.683 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

Instrument :
MSVOA_L
ClientSampleId :
FSG4DL

Tgt Ion: 91 Resp: 22180
Ion Ratio Lower Upper
91 100
106 0.0 21.9 65.5

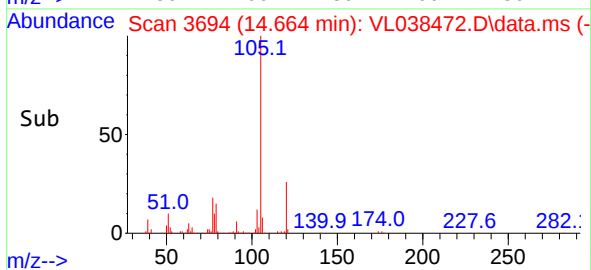
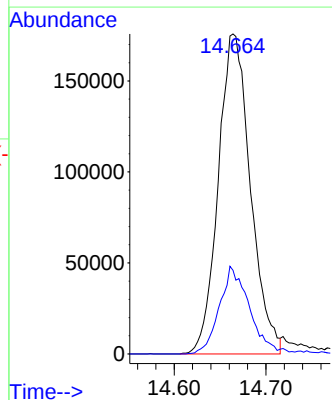
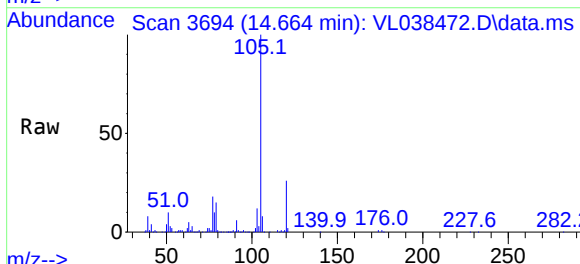
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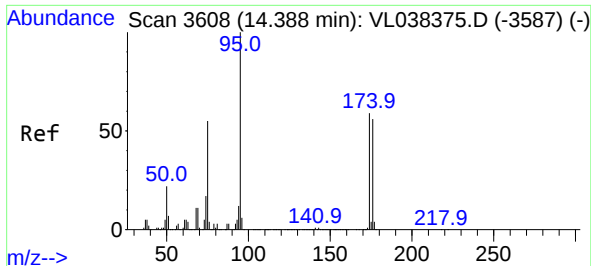
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#62
Isopropylbenzene
Concen: 1.510 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. 0.023 min
Lab File: VL038472.D
Acq: 2 Mar 2022 4:54

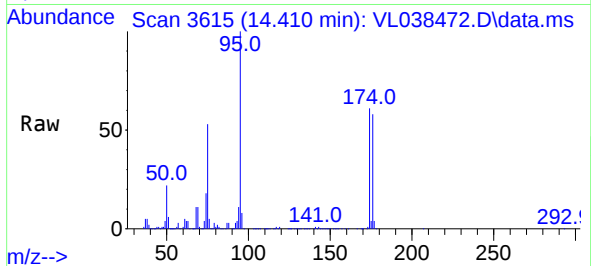
Tgt Ion:105 Resp: 428644
Ion Ratio Lower Upper
105 100
120 26.3 20.6 30.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.204 ppbv
 RT: 14.410 min Scan# 30
 Delta R.T. 0.023 min
 Lab File: VL038472.D
 Acq: 2 Mar 2022 4:54

Instrument :
 MSVOA_L
 ClientSampleId :
 FSG4DL



Tgt Ion: 95 Resp: 145138

Ion	Ratio	Lower	Upper
95	100		
174	67.1	49.0	73.4
175	4.9	3.6	5.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

