

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038831.D
 Acq On : 6 Apr 2022 13:06
 Operator : SY/AP
 Sample : N2235-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 03:13:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1315683	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.182	114	3408925	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	3047585	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2343345	10.137	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
4) Chloromethane	3.150	50	22590m	0.272	ppbv	
9) Propene	3.025	41	17412m	0.205	ppbv	
13) Ethanol	3.626	45	23775	4.605	ppbv #	100
15) Acetone	3.870	43	107471m	0.820	ppbv	
20) Methylene Chloride	4.356	84	53084m	1.117	ppbv	
23) Vinyl Acetate	5.086	43	101220m	0.793	ppbv	
26) Hexane	5.697	57	32681	0.216	ppbv #	45
34) 2-Butanone	5.263	43	289317	2.148	ppbv	98
51) 2-Hexanone	10.147	43	309040	1.354	ppbv	97
52) Tetrachloroethene	11.230	164	5958m	0.055	ppbv	
53) Toluene	9.812	91	53569m	0.150	ppbv	
59) m/p-Xylene	12.966	91	48627m	0.127	ppbv	
62) Isopropylbenzene	14.671	105	79827	0.149	ppbv	96

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

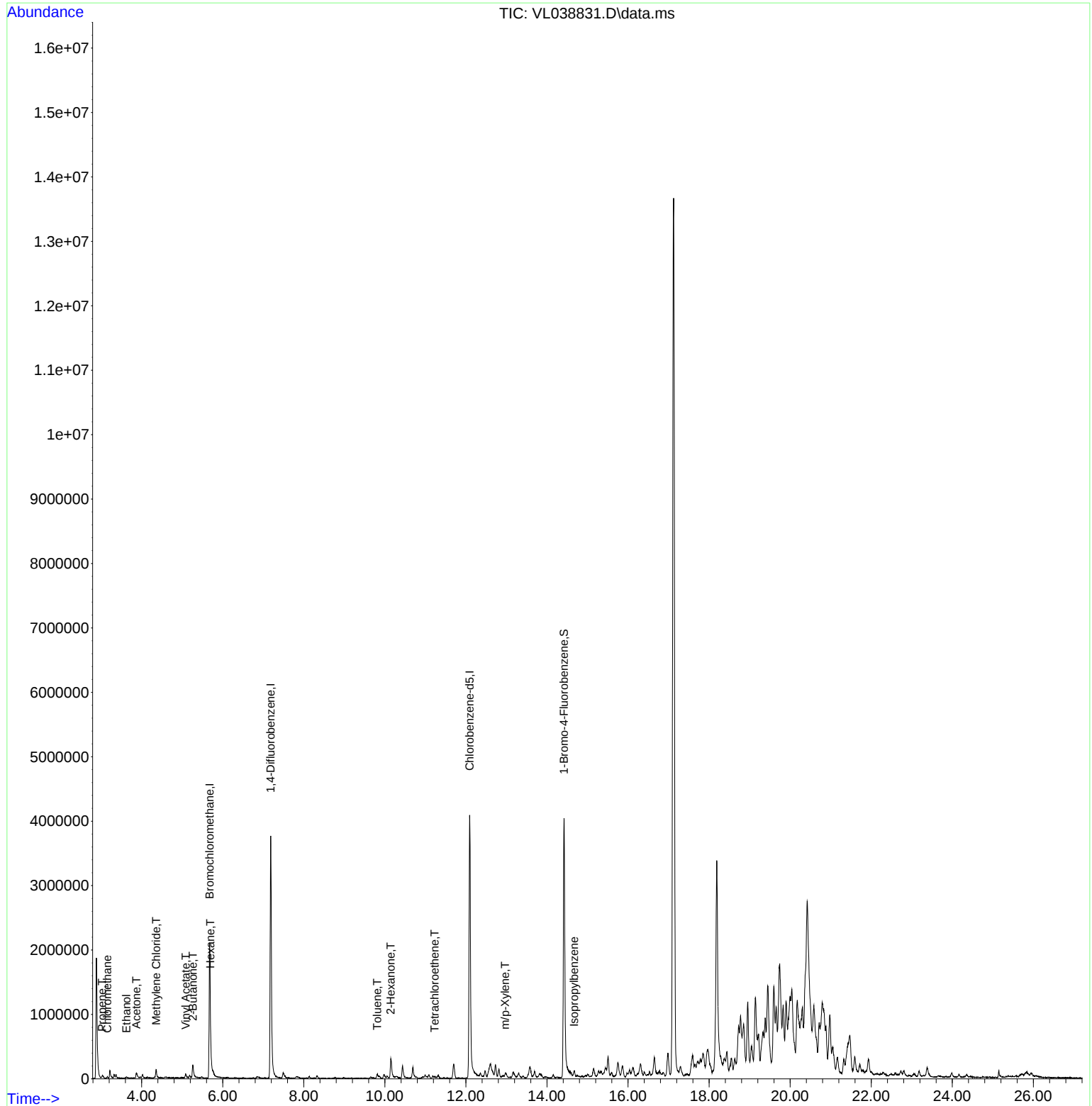
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038831.D
Acq On : 6 Apr 2022 13:06
Operator : SY/AP
Sample : N2235-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

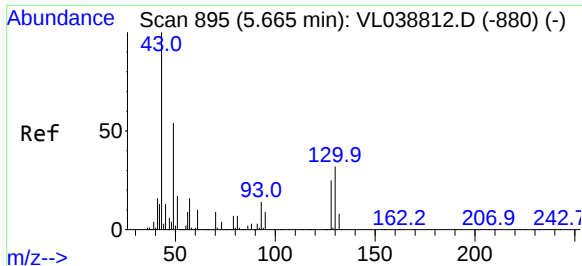
Instrument :
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Supervised By : Mahesh Dadoda 04/07/2022

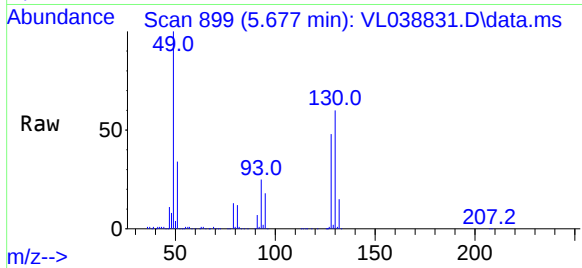
Quant Time: Apr 07 03:13:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 895
Delta R.T. 0.013 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

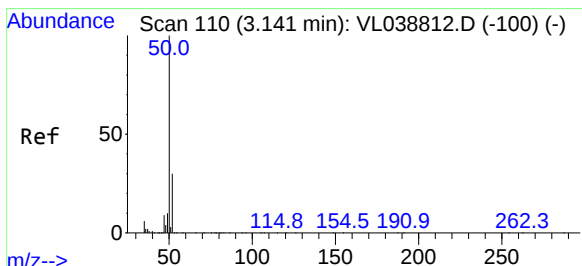
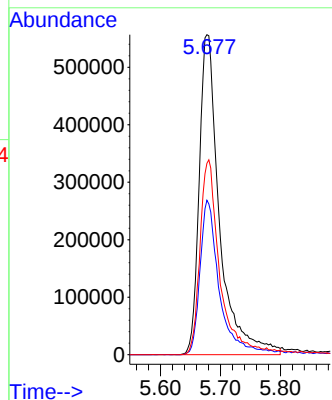
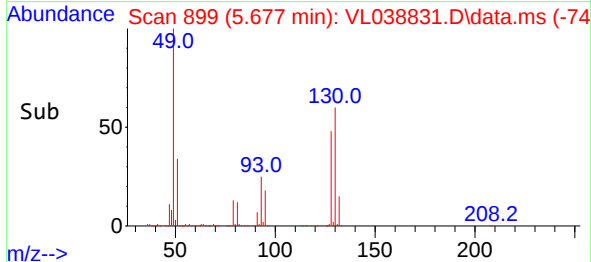
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



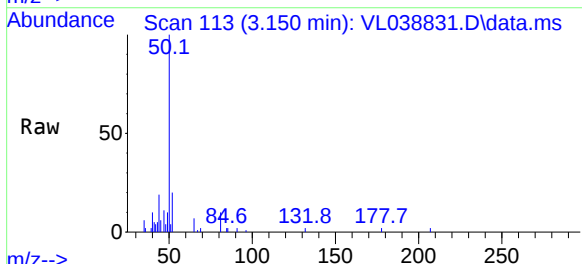
Tgt Ion: 49 Resp: 131568
Ion Ratio Lower Upper
49 100
128 47.1 24.1 72.3
130 61.2 30.9 92.8

Manual Integrations
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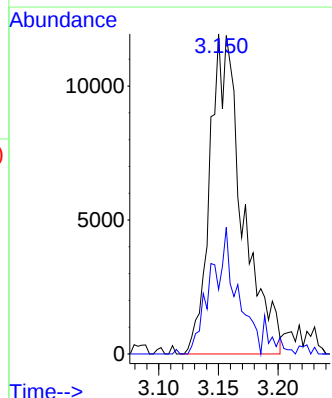
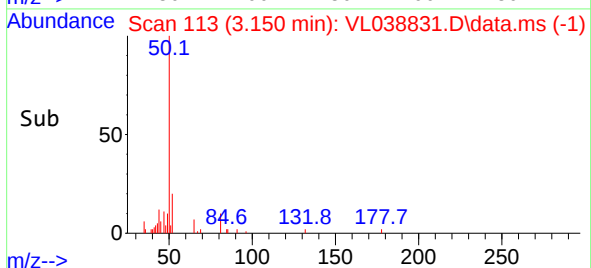
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

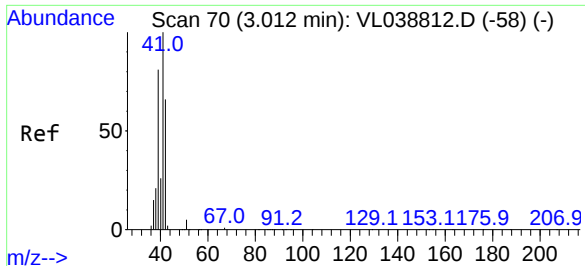


#4
Chloromethane
Concen: 0.272 ppbv m
RT: 3.150 min Scan# 113
Delta R.T. 0.010 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06



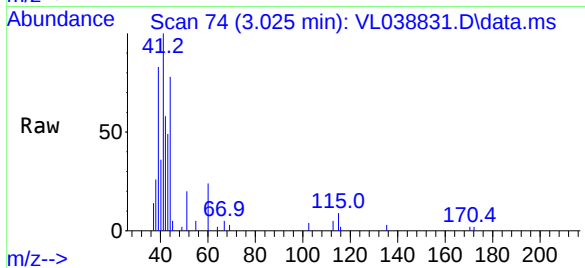
Tgt Ion: 50 Resp: 22590
Ion Ratio Lower Upper
50 100
52 20.2 24.3 36.5#





#9
Propene
Concen: 0.205 ppbv m
RT: 3.025 min Scan# 74
Delta R.T. 0.013 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

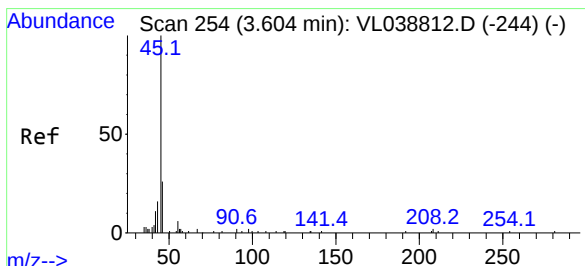
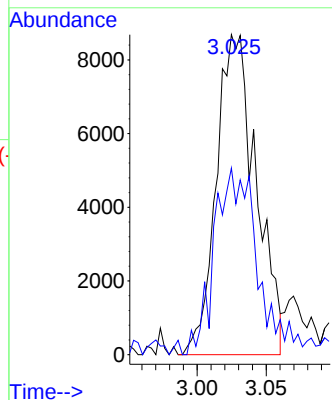
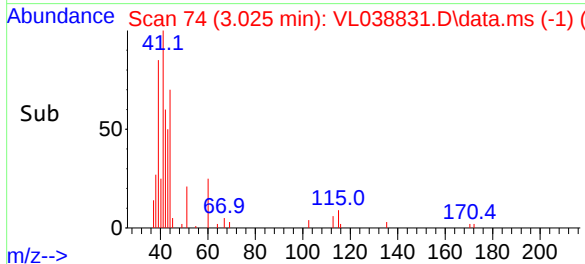
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 41 Resp: 1741
Ion Ratio Lower Upper
41 100
42 64.6 54.2 81.4

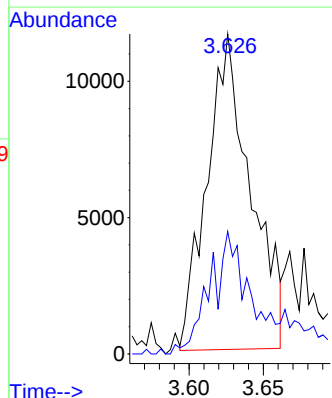
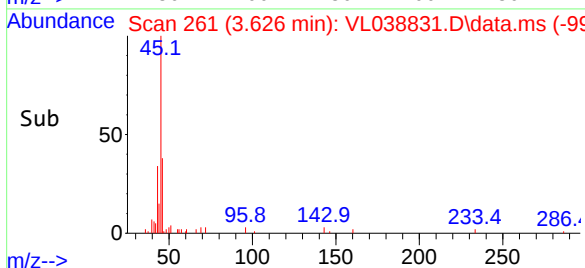
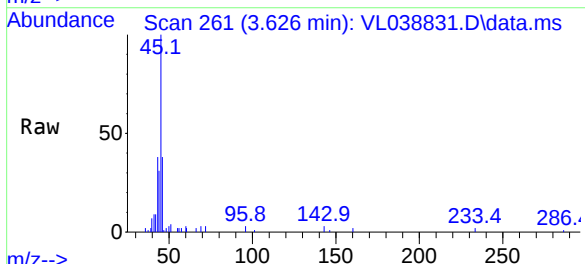
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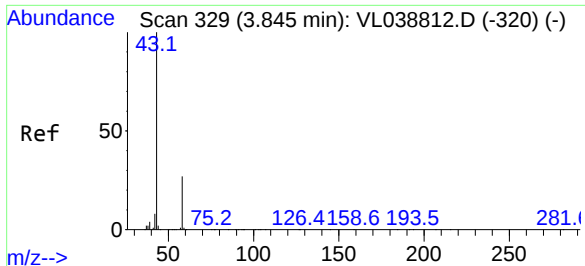
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#13
Ethanol
Concen: 4.605 ppbv
RT: 3.626 min Scan# 261
Delta R.T. 0.022 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

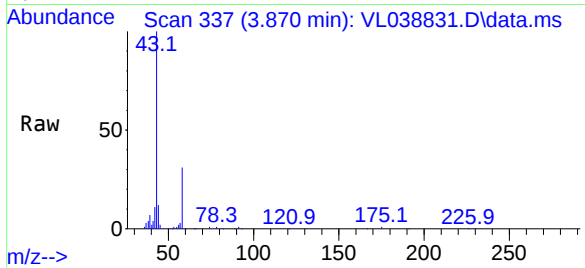
Tgt Ion: 45 Resp: 23775
Ion Ratio Lower Upper
45 100
46 44.6 0.0 0.0#





#15
Acetone
Concen: 0.820 ppbv m
RT: 3.870 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

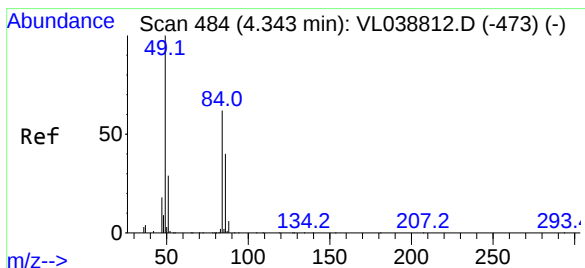
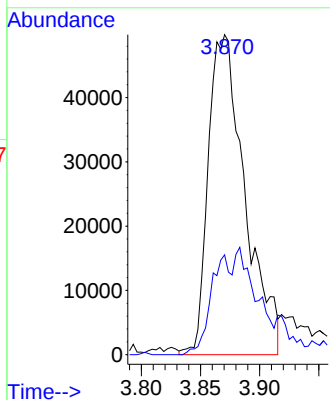
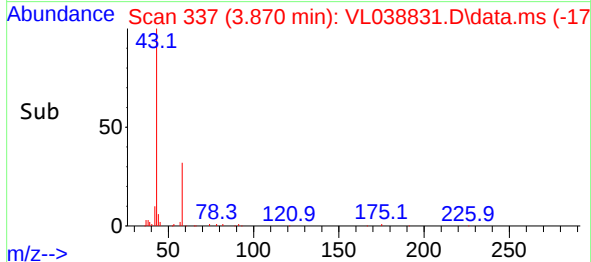
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



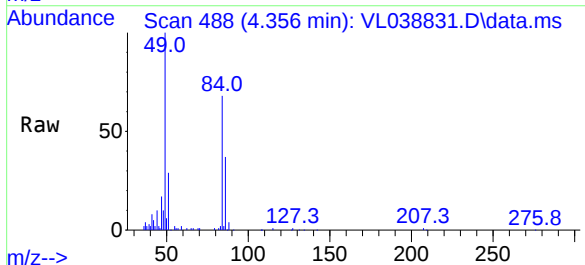
Tgt Ion: 43 Resp: 10747
Ion Ratio Lower Upper
43 100
58 46.1 22.5 33.7

Manual Integrations
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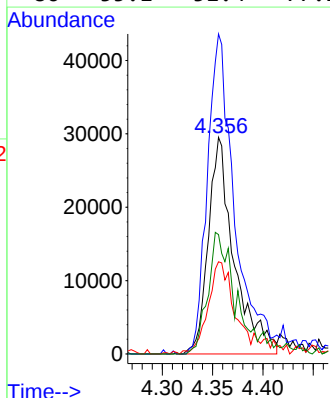
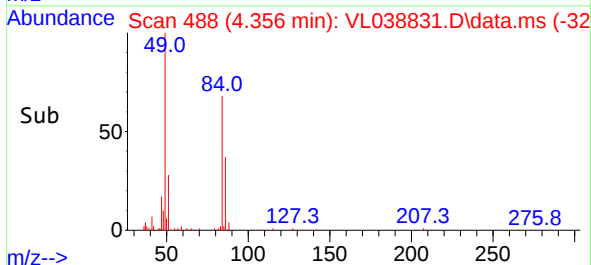
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

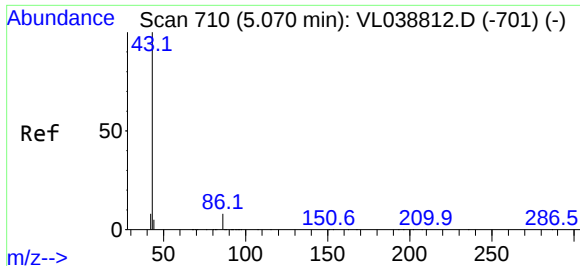


#20
Methylene Chloride
Concen: 1.117 ppbv m
RT: 4.356 min Scan# 488
Delta R.T. 0.013 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06



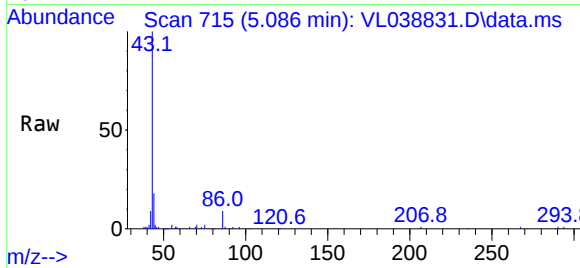
Tgt Ion: 84 Resp: 53084
Ion Ratio Lower Upper
84 100
49 147.8 129.4 194.0
51 42.6 37.4 56.2
86 55.1 51.4 77.2





#23
 Vinyl Acetate
 Concen: 0.793 ppbv m
 RT: 5.086 min Scan# 710
 Delta R.T. 0.016 min
 Lab File: VL038831.D
 Acq: 6 Apr 2022 13:06

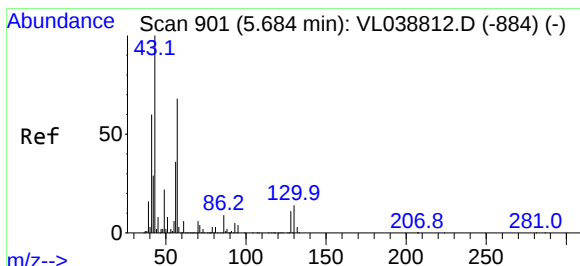
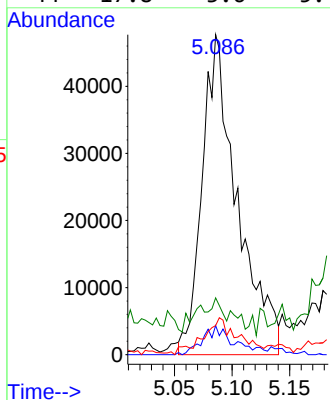
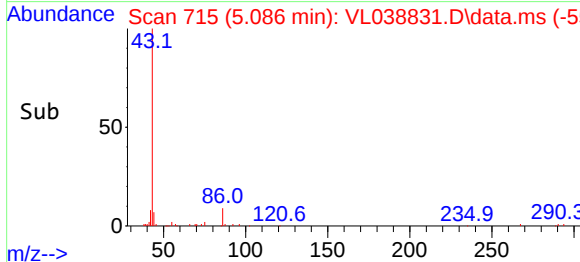
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



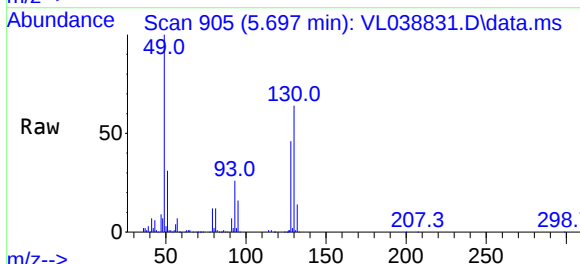
Tgt Ion: 43 Resp: 101220
 Ion Ratio Lower Upper
 43 100
 86 9.1 5.8 8.6#
 42 9.1 7.8 11.6#
 44 17.8 3.6 5.4#

Manual Integrations
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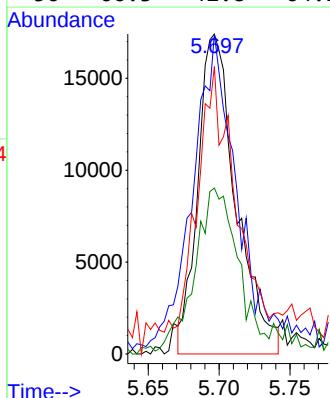
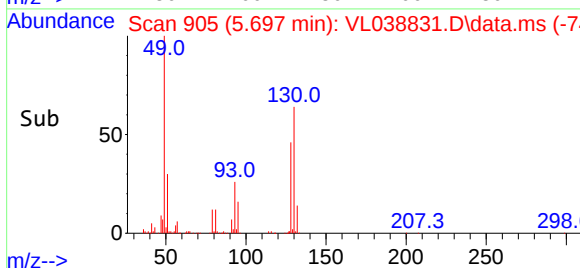
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

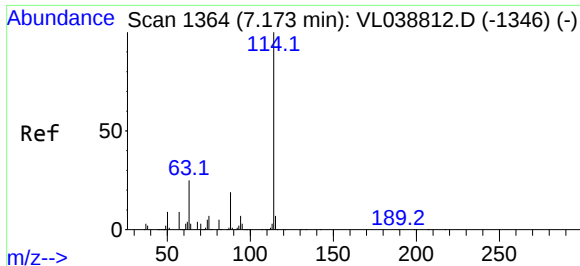


#26
 Hexane
 Concen: 0.216 ppbv
 RT: 5.697 min Scan# 905
 Delta R.T. 0.013 min
 Lab File: VL038831.D
 Acq: 6 Apr 2022 13:06



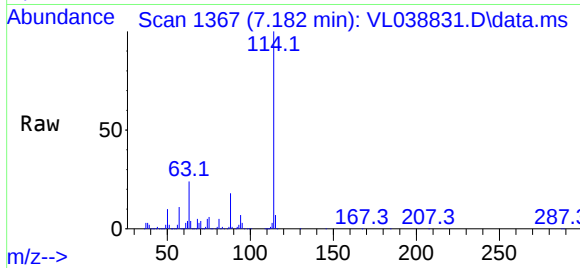
Tgt Ion: 57 Resp: 32681
 Ion Ratio Lower Upper
 57 100
 41 117.4 72.0 108.0#
 43 110.5 186.6 280.0#
 56 66.3 42.8 64.2#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.009 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

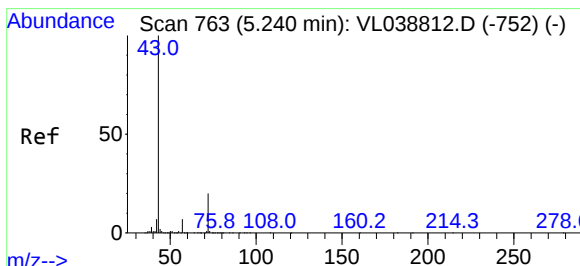
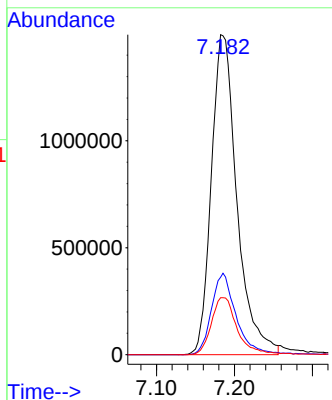
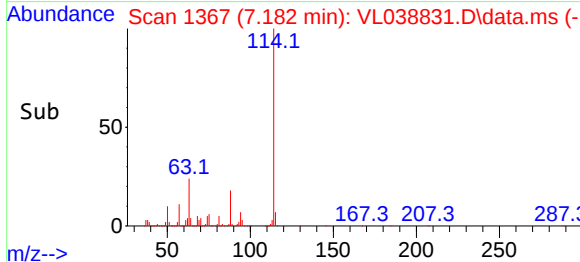
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



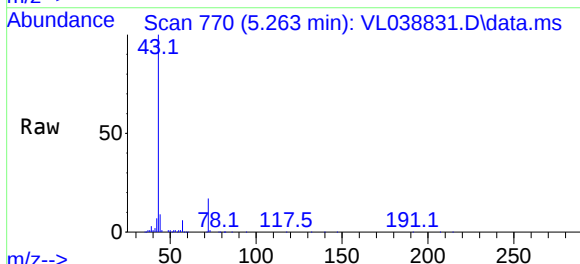
Tgt Ion:114 Resp: 340892
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.8
88 18.3 14.2 21.4

Manual Integrations
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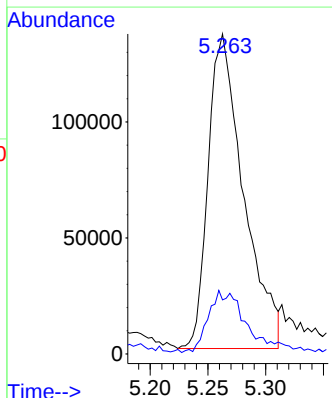
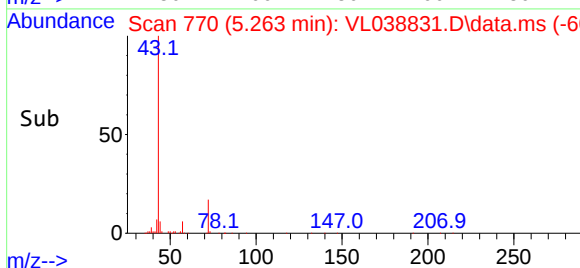
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

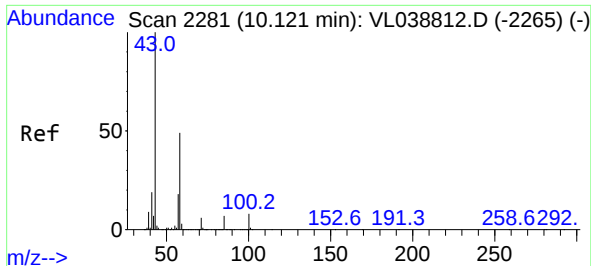


#34
2-Butanone
Concen: 2.148 ppbv
RT: 5.263 min Scan# 770
Delta R.T. 0.022 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06



Tgt Ion: 43 Resp: 289317
Ion Ratio Lower Upper
43 100
72 22.1 16.9 25.3





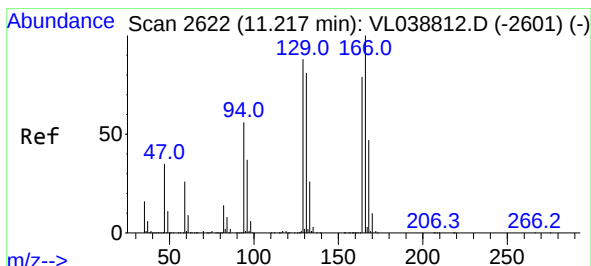
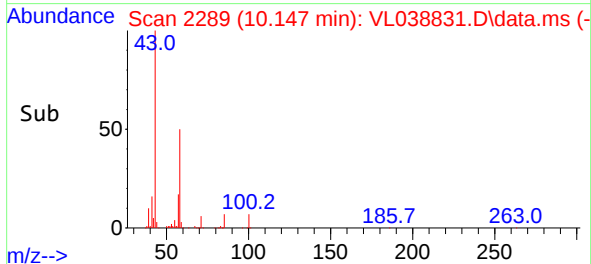
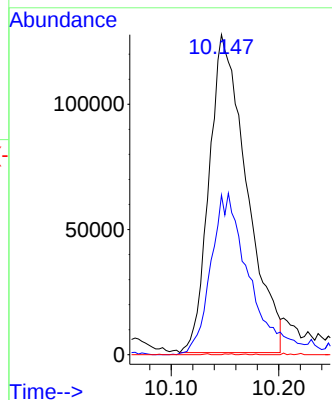
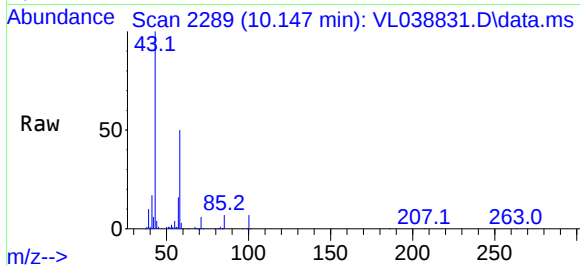
#51
2-Hexanone
Concen: 1.354 ppbv
RT: 10.147 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 309040
Ion Ratio Lower Upper
43 100
58 53.5 41.4 62.0
98 0.1 0.1 0.1

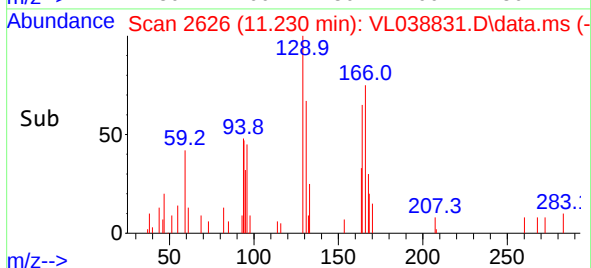
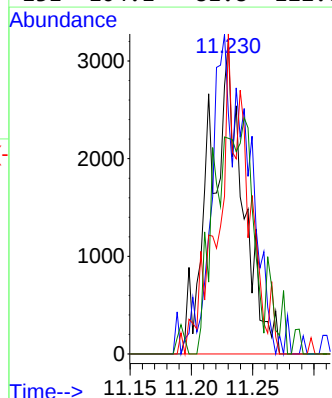
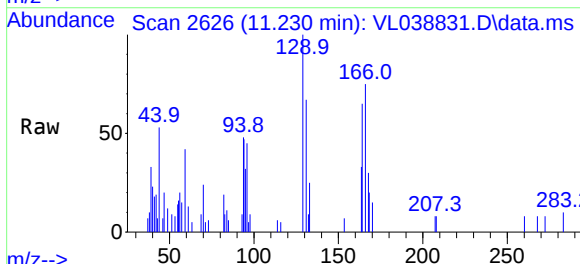
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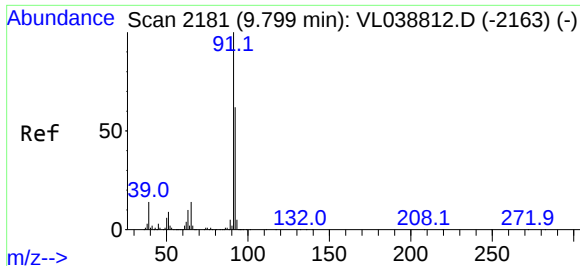
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#52
Tetrachloroethene
Concen: 0.055 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. 0.013 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

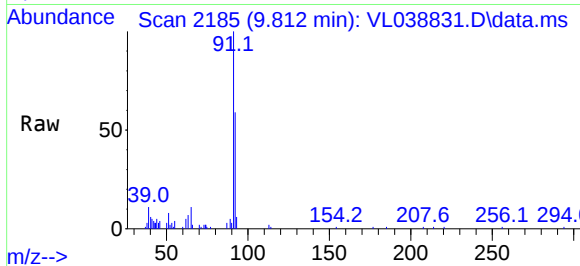
Tgt Ion:164 Resp: 5958
Ion Ratio Lower Upper
164 100
166 116.3 101.0 151.6
129 154.5 88.7 133.1#
131 104.1 81.8 122.6





#53
Toluene
Concen: 0.150 ppbv m
RT: 9.812 min Scan# 2181
Delta R.T. 0.013 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

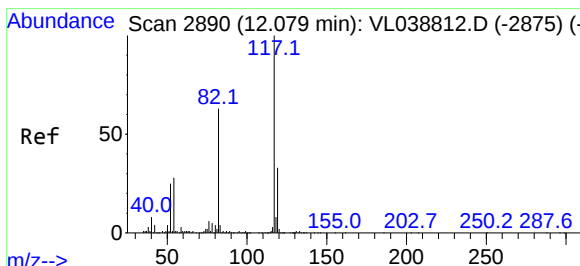
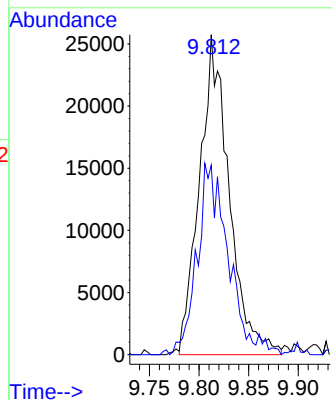
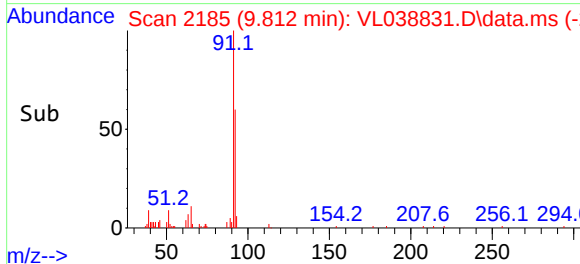
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



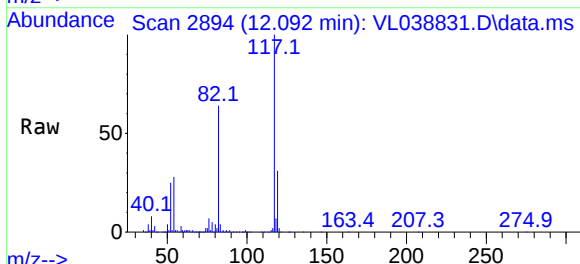
Tgt Ion: 91 Resp: 53569
Ion Ratio Lower Upper
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92 63.0 49.2 73.8

Manual Integrations
APPROVED

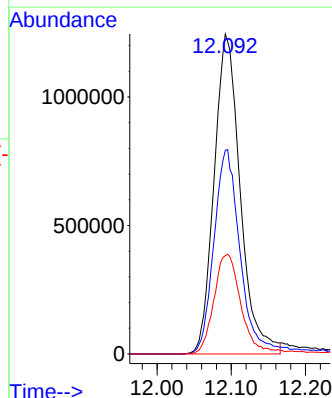
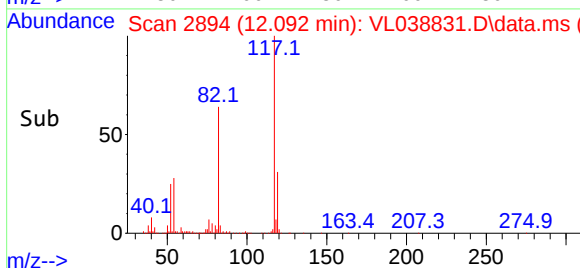
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

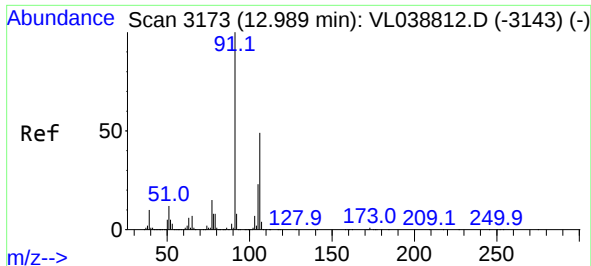


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.013 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06



Tgt Ion:117 Resp: 3047585
Ion Ratio Lower Upper
117 100
82 66.4 53.0 79.6
119 33.8 24.9 37.3





#59

m/p-Xylene

Concen: 0.127 ppbv m

RT: 12.966 min Scan# 3173

Delta R.T. -0.023 min

Lab File: VL038831.D

Acq: 6 Apr 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

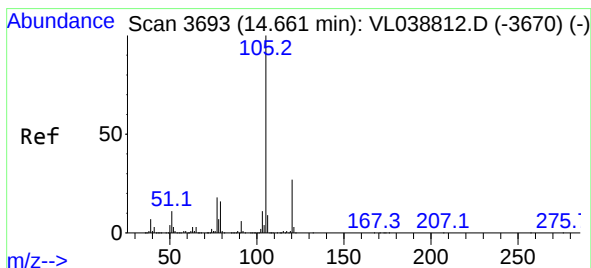
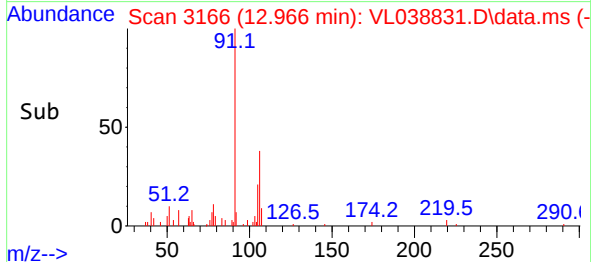
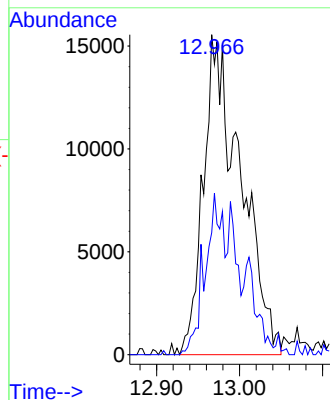
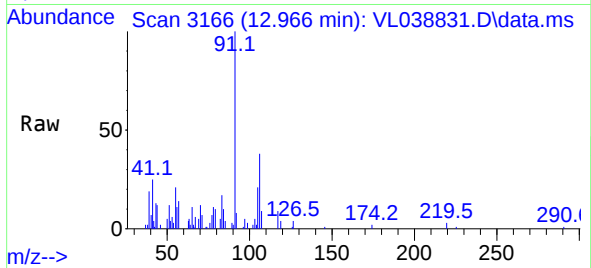
SV1DL

Tgt Ion: 91 Resp: 48627
 Ion Ratio Lower Upper
 91 100
 106 0.0 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022



#62

Isopropylbenzene

Concen: 0.149 ppbv

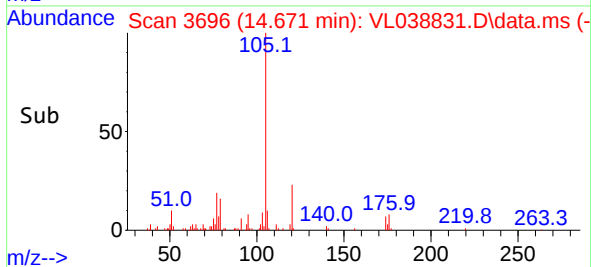
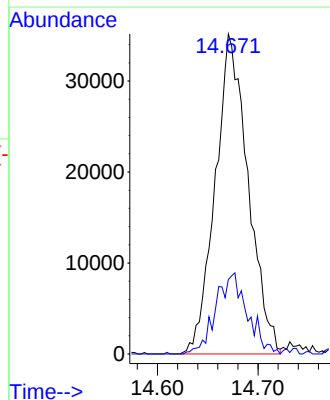
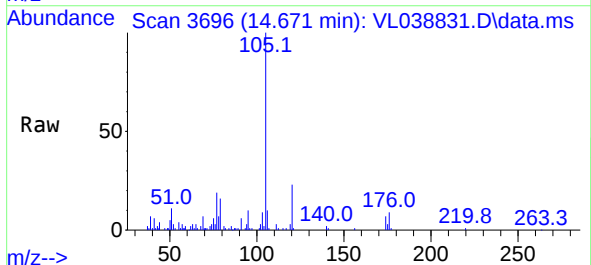
RT: 14.671 min Scan# 3696

Delta R.T. 0.009 min

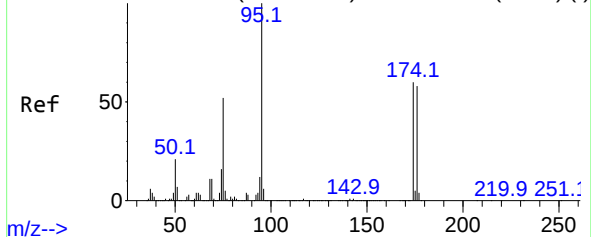
Lab File: VL038831.D

Acq: 6 Apr 2022 13:06

Tgt Ion:105 Resp: 79827
 Ion Ratio Lower Upper
 105 100
 120 25.1 21.8 32.8



Abundance Scan 3614 (14.407 min): VL038812.D (-3594) (-)



#68
1-Bromo-4-Fluorobenzene
Concen: 10.137 ppbv
RT: 14.420 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038831.D
Acq: 6 Apr 2022 13:06

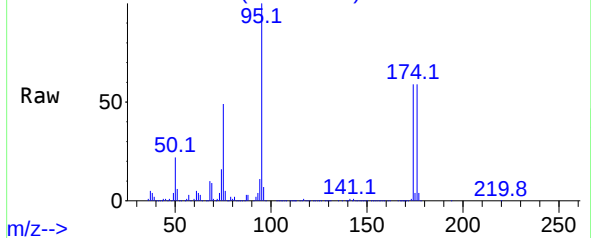
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 95 Resp: 234334
Ion Ratio Lower Upper
95 100
174 64.9 52.0 78.0
175 4.8 4.0 6.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

Abundance Scan 3618 (14.420 min): VL038831.D\data.ms



Abundance Scan 3618 (14.420 min): VL038831.D\data.ms (-

