

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040722\
 Data File : VL038842.D
 Acq On : 7 Apr 2022 15:37
 Operator : SY/AP
 Sample : N2245-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BD-AMBIENT

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

Quant Time: Apr 08 05:25:12 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 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	5.687	49	1263751	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.195	114	3127162	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.108	117	2629425	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2162033	10.840	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.066	85	41891	0.234	ppbv	92
3) Chlorodifluoromethane	3.005	51	78219	0.507	ppbv	99
4) Chloromethane	3.160	50	47385m	0.593	ppbv	
9) Propene	3.038	41	26229m	0.321	ppbv	
11) Trichlorofluoromethane	3.967	101	36819	0.256	ppbv	91
13) Ethanol	3.623	45	201011m	40.535	ppbv	
15) Acetone	3.867	43	617404	4.907	ppbv	97
19) Isopropyl Alcohol	3.999	45	20438m	0.318	ppbv	
20) Methylene Chloride	4.362	84	345030	7.561	ppbv	97
26) Hexane	5.706	57	515039	3.544	ppbv #	40
34) 2-Butanone	5.272	43	43105m	0.349	ppbv	
35) Carbon Tetrachloride	7.041	117	14385m	0.077	ppbv	
36) Benzene	6.912	78	34992	0.123	ppbv	97
53) Toluene	9.825	91	1139509	3.470	ppbv	99

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

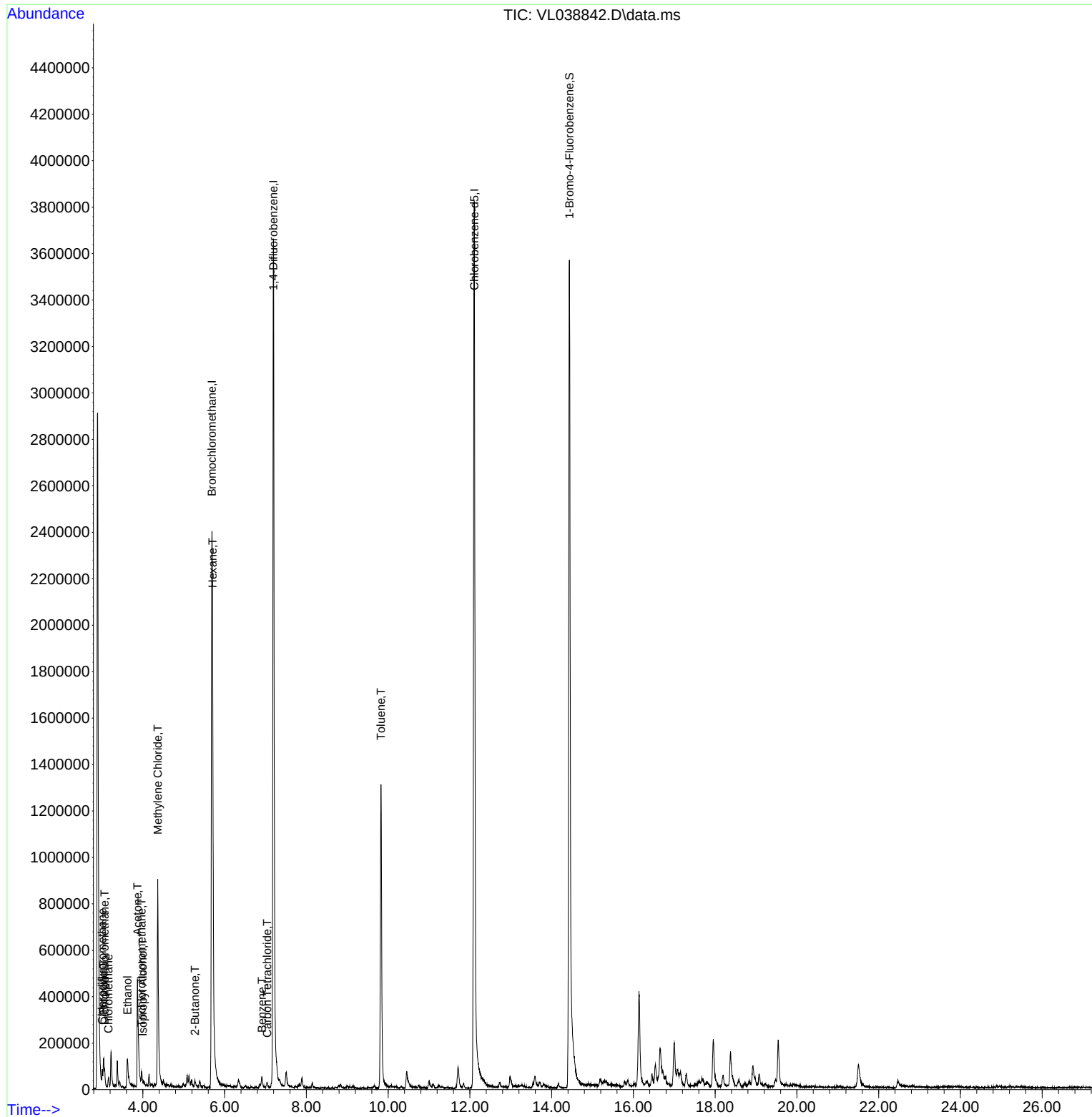
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040722\
Data File : VL038842.D
Acq On : 7 Apr 2022 15:37
Operator : SY/AP
Sample : N2245-02
Misc : 400mL/MSVOA_L
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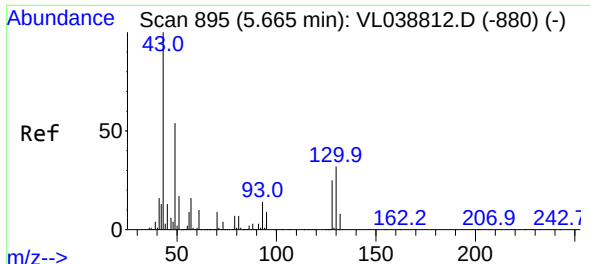
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT

Quant Time: Apr 08 05:25:12 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

Manual Integrations
APPROVED

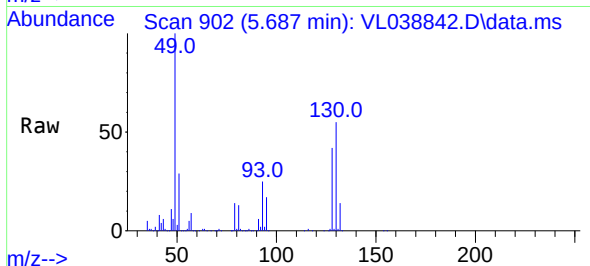
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.687 min Scan# 90
Delta R.T. 0.022 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

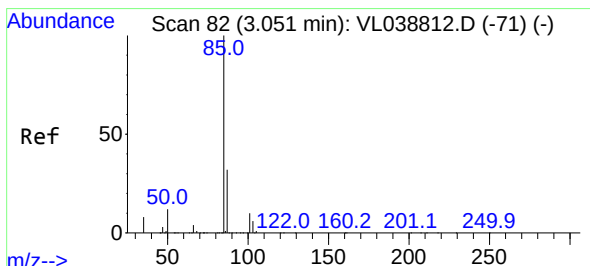
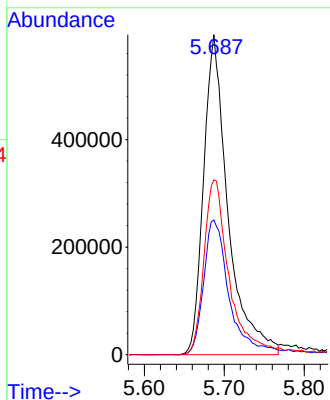
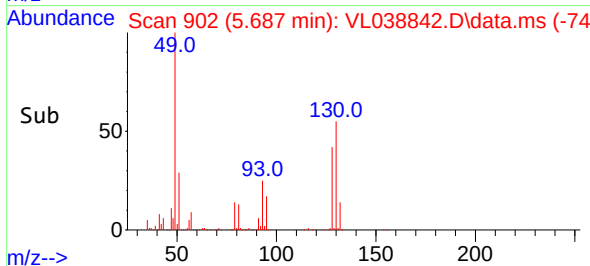
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT



Tgt Ion: 49 Resp: 126375
Ion Ratio Lower Upper
49 100
128 45.7 24.1 72.3
130 57.5 30.9 92.8

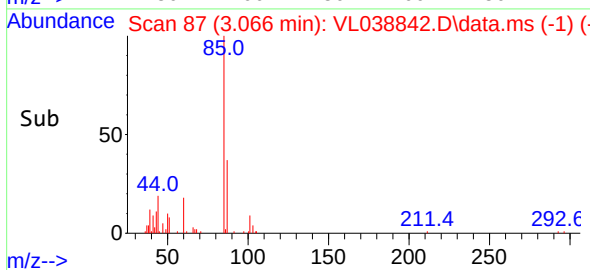
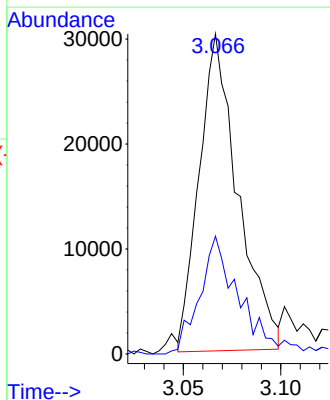
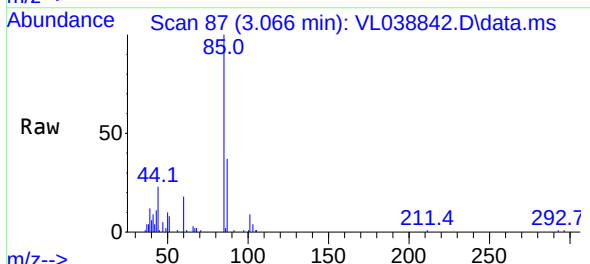
Manual Integrations
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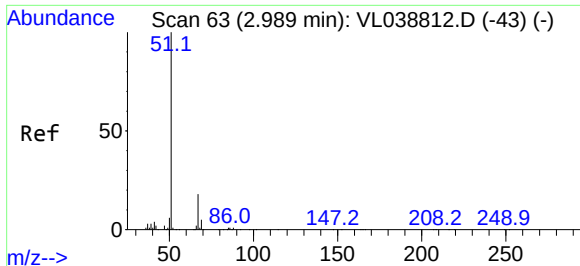
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#2
Dichlorodifluoromethane
Concen: 0.234 ppbv
RT: 3.066 min Scan# 87
Delta R.T. 0.016 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

Tgt Ion: 85 Resp: 41891
Ion Ratio Lower Upper
85 100
87 36.6 25.9 38.9





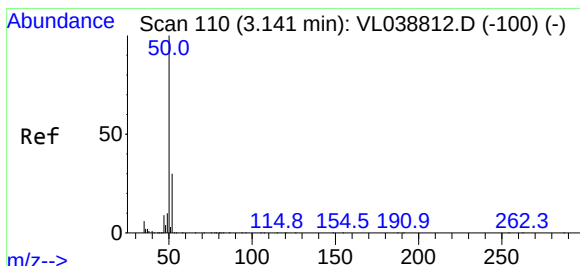
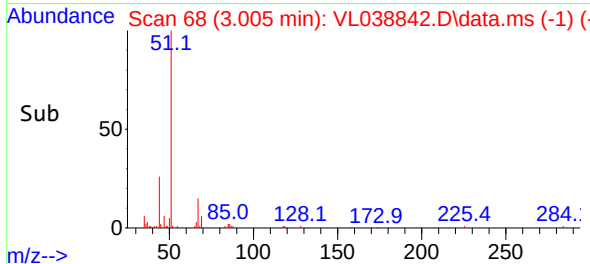
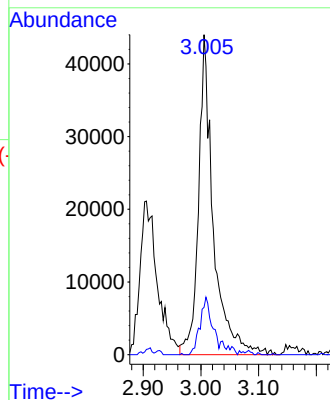
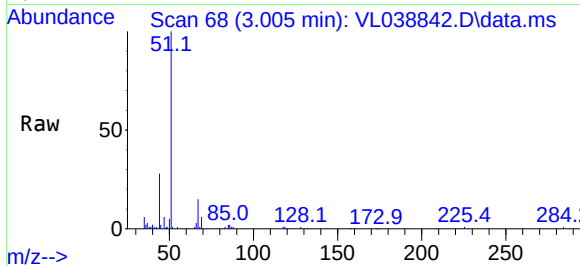
#3
Chlorodifluoromethane
Concen: 0.507 ppbv
RT: 3.005 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT

Tgt Ion: 51 Resp: 78219
Ion Ratio Lower Upper
51 100
67 17.3 13.4 20.0

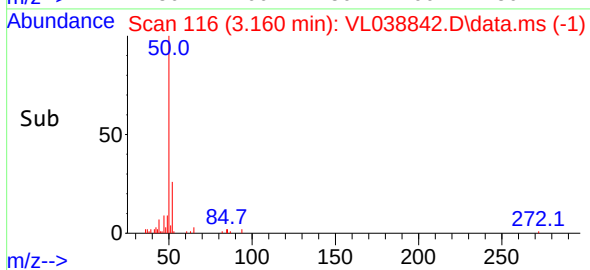
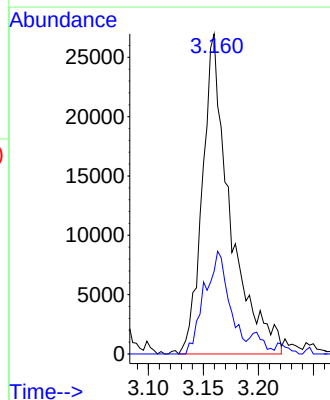
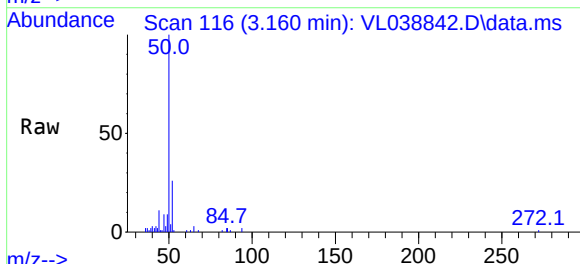
Manual Integrations
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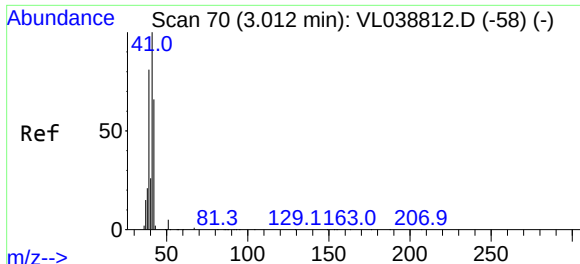
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#4
Chloromethane
Concen: 0.593 ppbv m
RT: 3.160 min Scan# 116
Delta R.T. 0.019 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

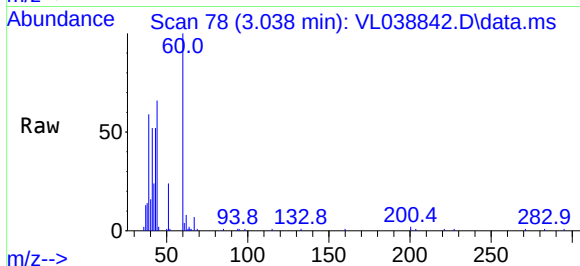
Tgt Ion: 50 Resp: 47385
Ion Ratio Lower Upper
50 100
52 25.9 24.3 36.5





#9
Propene
Concen: 0.321 ppbv m
RT: 3.038 min Scan# 70
Delta R.T. 0.026 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

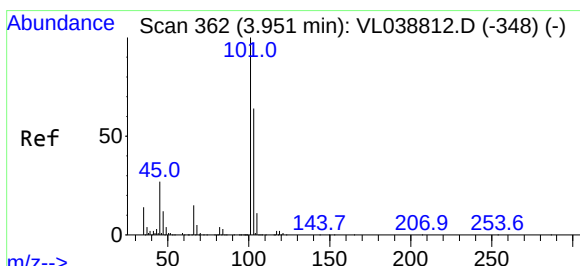
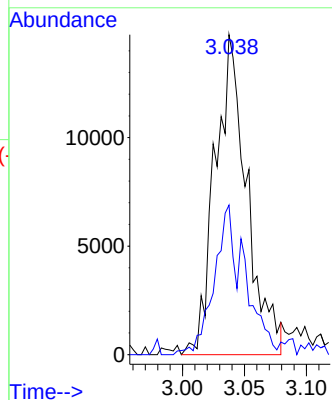
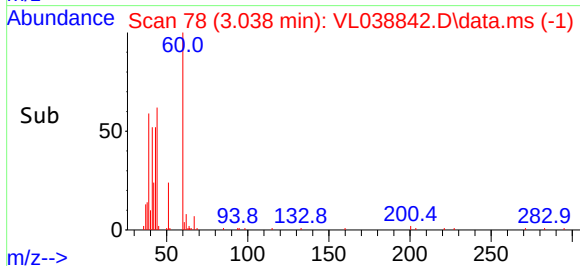
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT



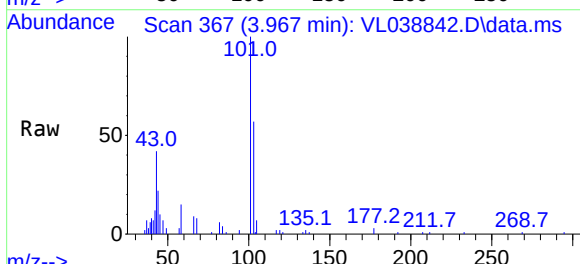
Tgt Ion: 41 Resp: 26229
Ion Ratio Lower Upper
41 100
42 49.2 54.2 81.4

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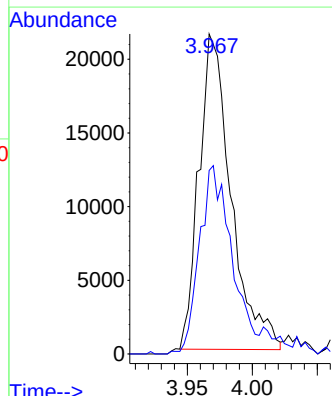
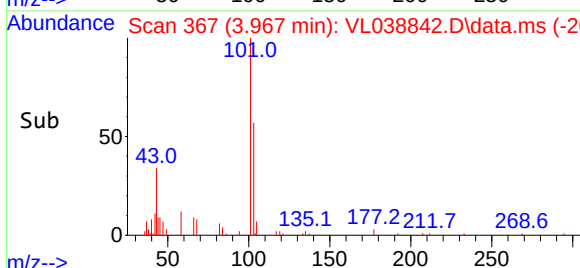
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

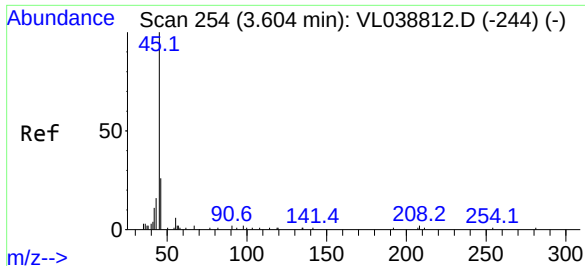


#11
Trichlorofluoromethane
Concen: 0.256 ppbv
RT: 3.967 min Scan# 367
Delta R.T. 0.016 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37



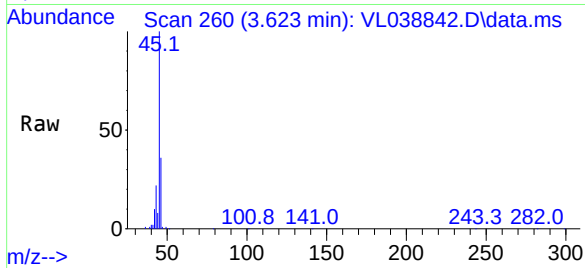
Tgt Ion:101 Resp: 36819
Ion Ratio Lower Upper
101 100
103 57.4 51.4 77.0





#13
Ethanol
Concen: 40.535 ppbv m
RT: 3.623 min Scan# 20101
Delta R.T. 0.019 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

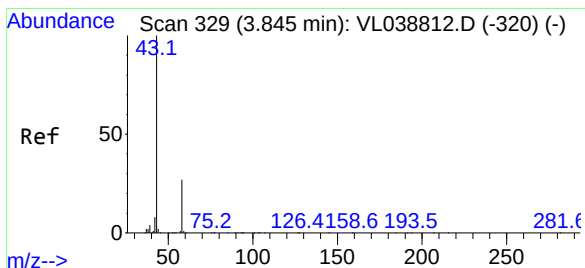
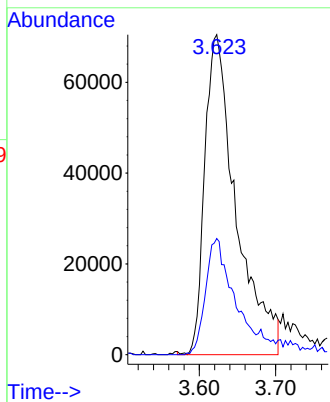
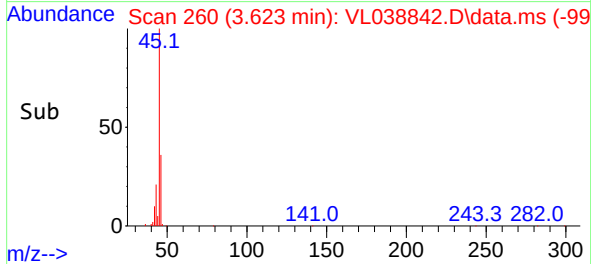
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT



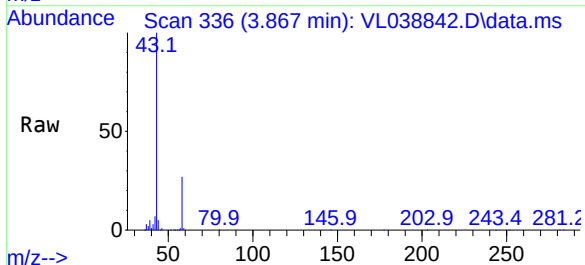
Tgt Ion: 45 Resp: 20101
Ion Ratio Lower Upper
45 100
46 37.4 0.0 0.0

Manual Integrations
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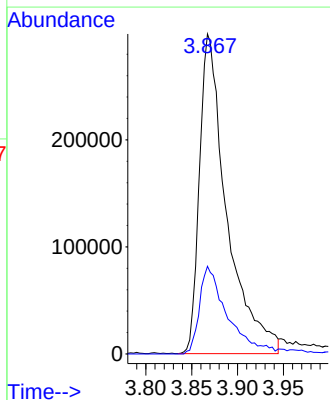
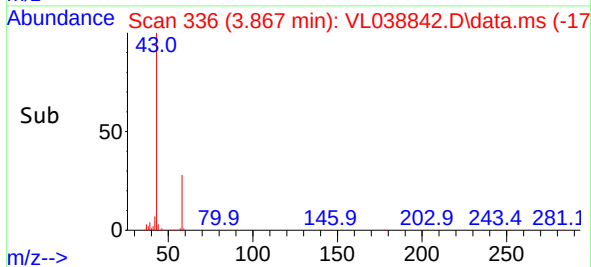
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

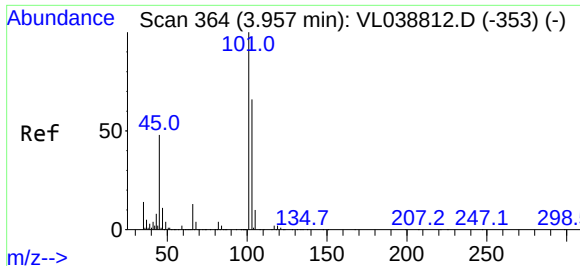


#15
Acetone
Concen: 4.907 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.022 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37



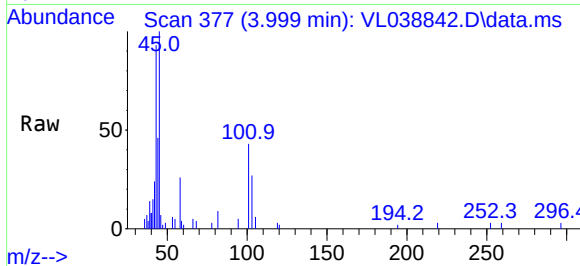
Tgt Ion: 43 Resp: 617404
Ion Ratio Lower Upper
43 100
58 29.8 22.5 33.7





#19
Isopropyl Alcohol
Concen: 0.318 ppbv m
RT: 3.999 min Scan# 31
Delta R.T. 0.042 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

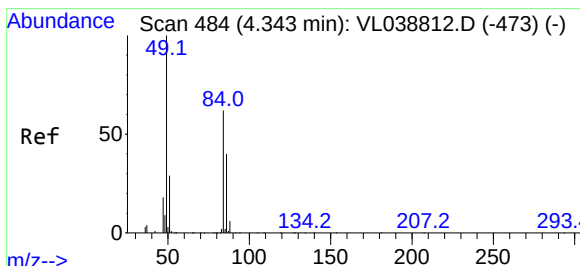
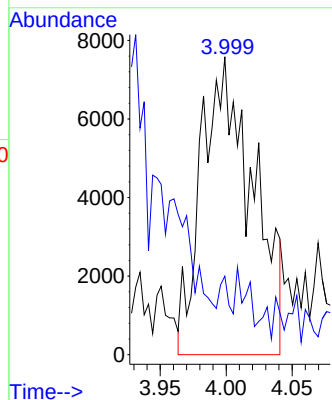
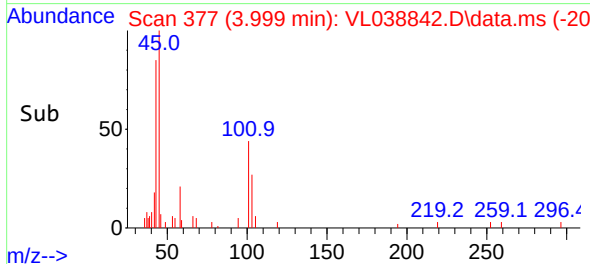
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT



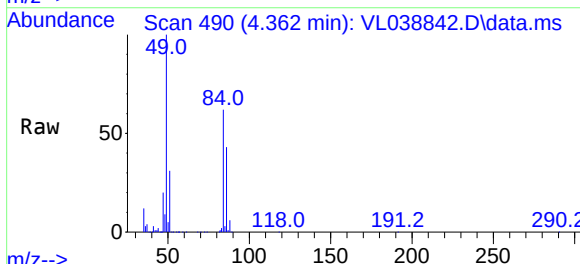
Tgt Ion: 45 Resp: 20438
Ion Ratio Lower Upper
45 100
58 0.0 0.0 0.0

Manual Integrations
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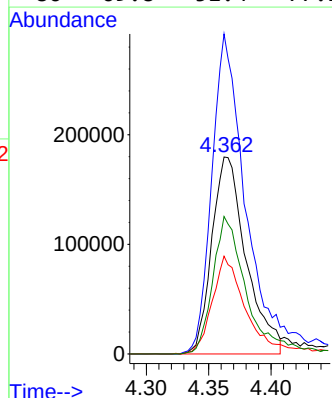
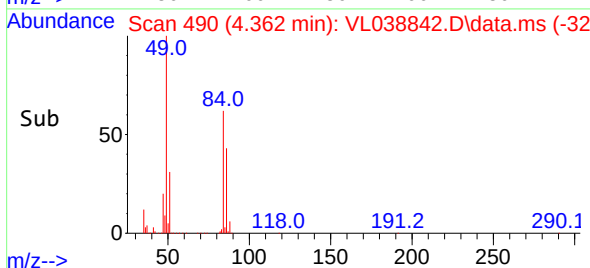
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

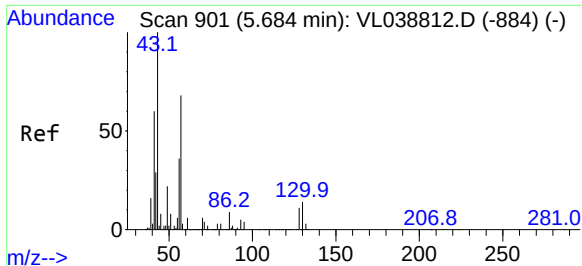


#20
Methylene Chloride
Concen: 7.561 ppbv
RT: 4.362 min Scan# 490
Delta R.T. 0.019 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37



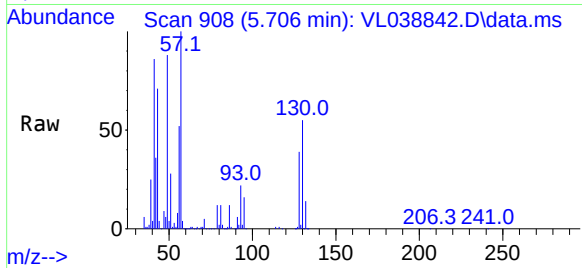
Tgt Ion: 84 Resp: 345030
Ion Ratio Lower Upper
84 100
49 162.3 129.4 194.0
51 49.6 37.4 56.2
86 69.8 51.4 77.2





#26
Hexane
Concen: 3.544 ppbv
RT: 5.706 min Scan# 901
Delta R.T. 0.022 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

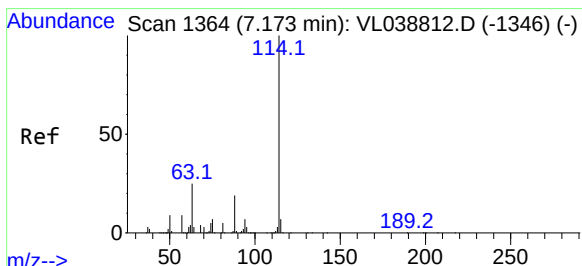
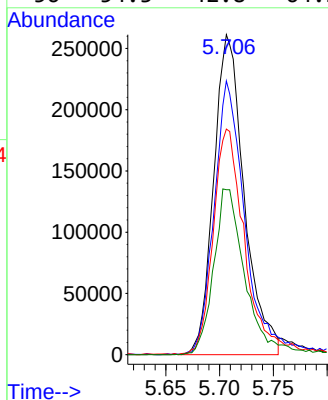
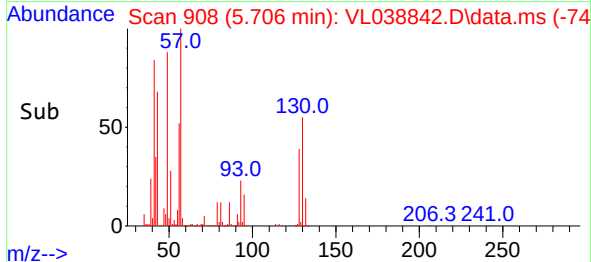
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT



Tgt Ion: 57 Resp: 515039
Ion Ratio Lower Upper
57 100
41 87.9 72.0 108.0
43 74.4 186.6 280.0
56 54.3 42.8 64.2

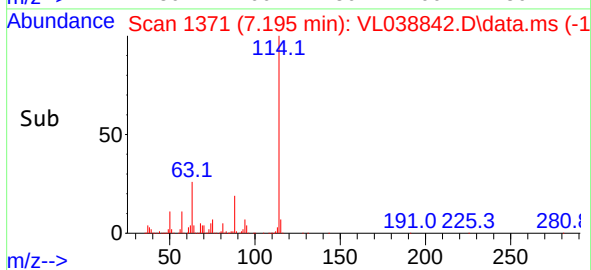
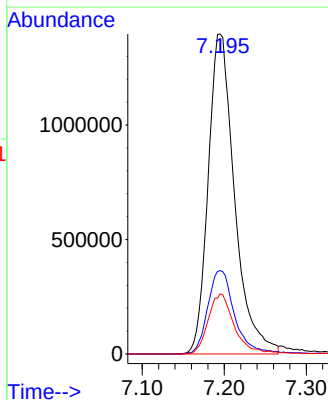
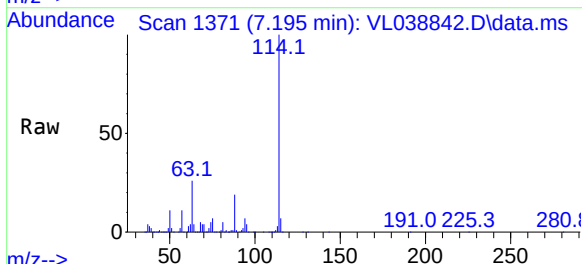
Manual Integrations
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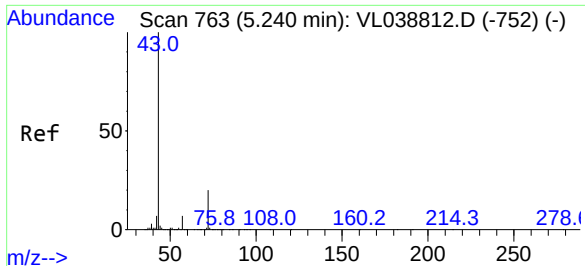
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.195 min Scan# 1371
Delta R.T. 0.022 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

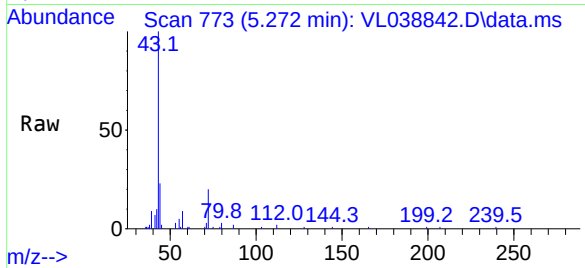
Tgt Ion:114 Resp: 3127162
Ion Ratio Lower Upper
114 100
63 27.0 19.8 29.8
88 18.9 14.2 21.4





#34
2-Butanone
Concen: 0.349 ppbv m
RT: 5.272 min Scan# 71
Delta R.T. 0.032 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

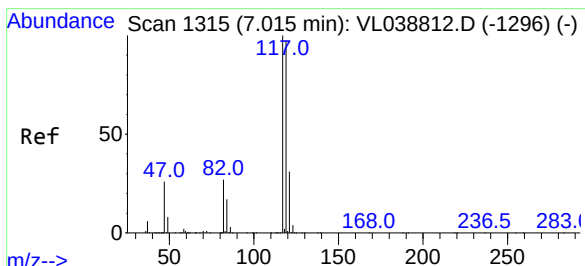
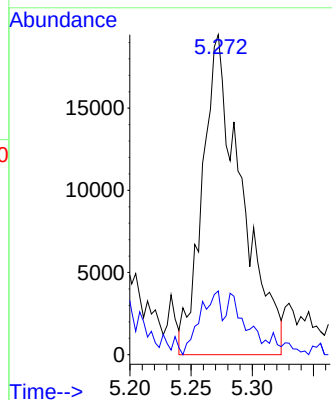
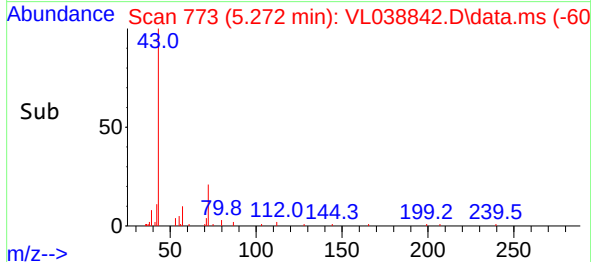
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT



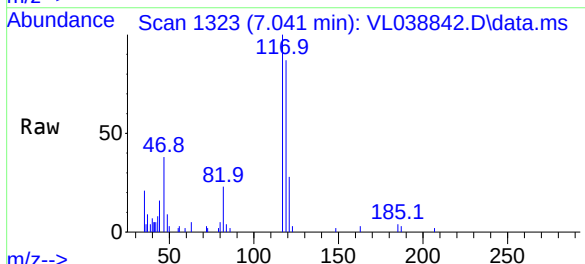
Tgt Ion: 43 Resp: 4310
Ion Ratio Lower Upper
43 100
72 22.7 16.9 25.3

Manual Integrations
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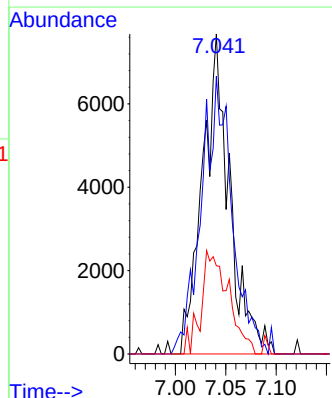
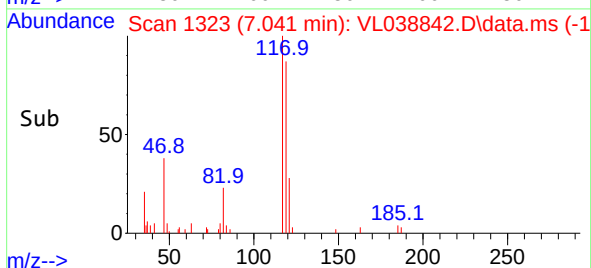
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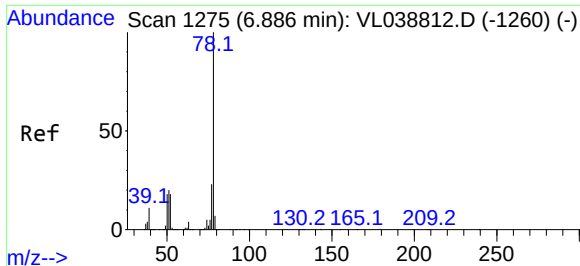


#35
Carbon Tetrachloride
Concen: 0.077 ppbv m
RT: 7.041 min Scan# 1323
Delta R.T. 0.026 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37



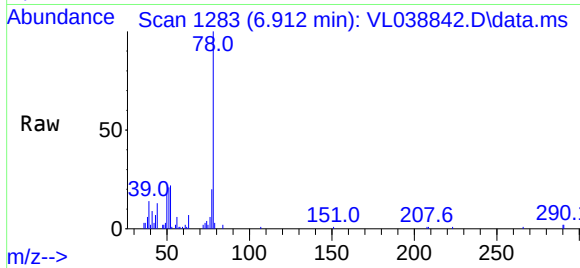
Tgt Ion:117 Resp: 14385
Ion Ratio Lower Upper
117 100
119 86.8 77.7 116.5
121 27.6 24.5 36.7





#36
Benzene
Concen: 0.123 ppbv
RT: 6.912 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

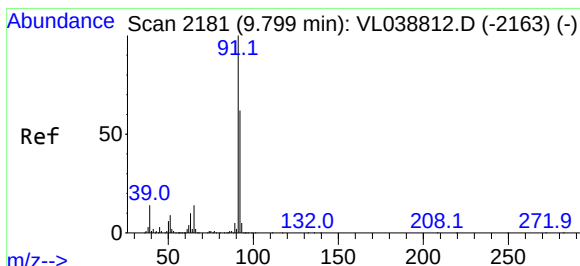
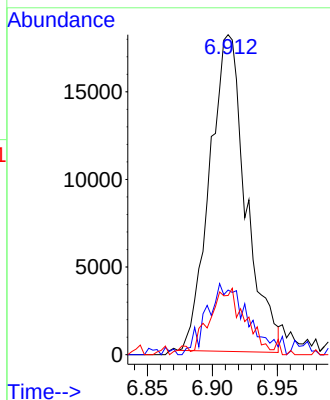
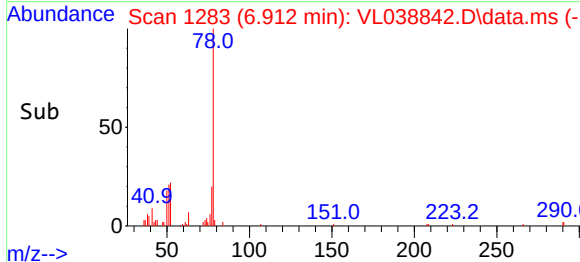
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT



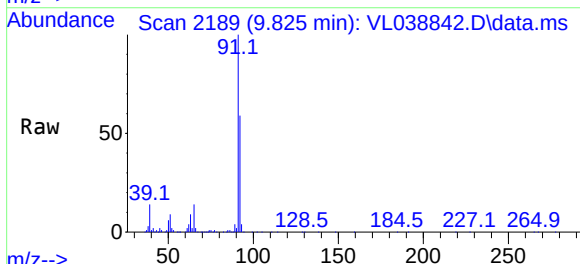
Tgt Ion: 78 Resp: 3499
Ion Ratio Lower Upper
78 100
77 20.5 18.2 27.2
50 17.3 14.0 21.0

Manual Integrations
APPROVED

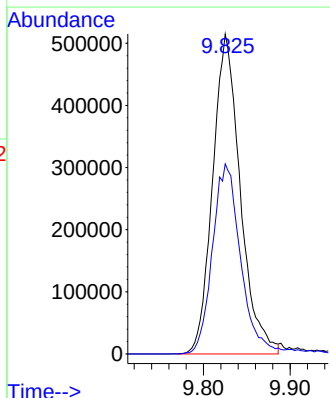
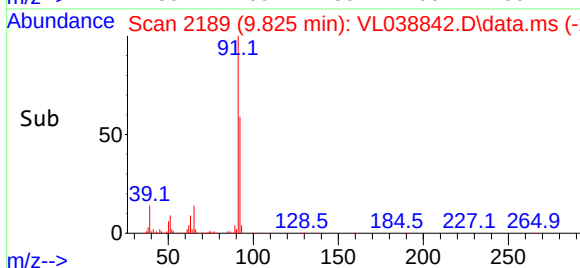
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

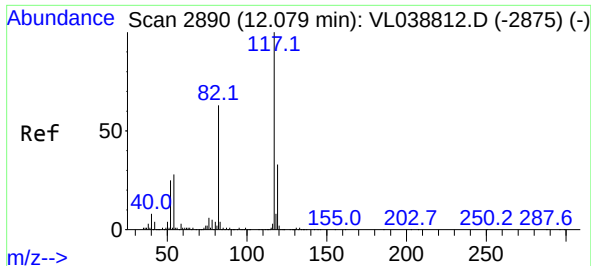


#53
Toluene
Concen: 3.470 ppbv
RT: 9.825 min Scan# 2189
Delta R.T. 0.026 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37



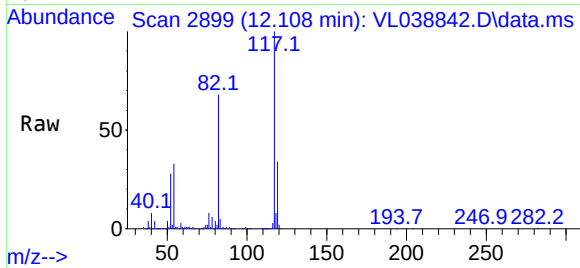
Tgt Ion: 91 Resp: 1139509
Ion Ratio Lower Upper
91 100
92 62.4 49.2 73.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.108 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENT

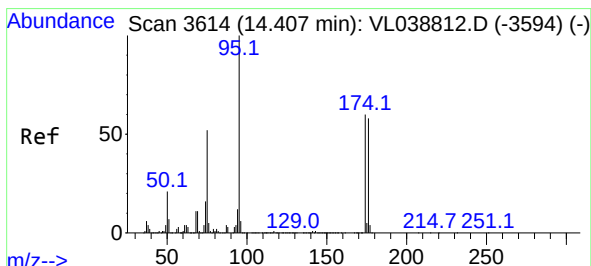
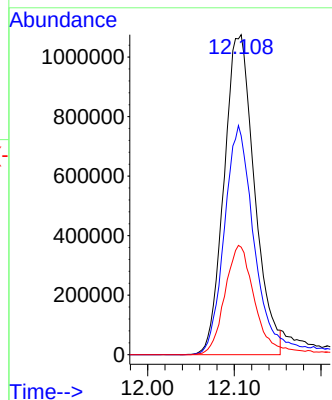
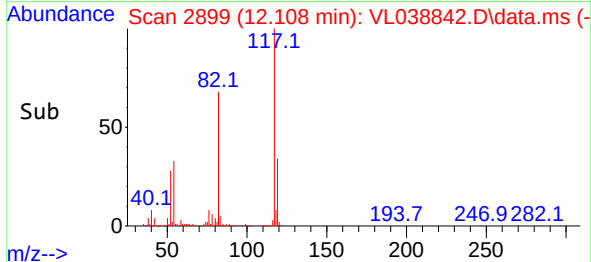


Tgt Ion:117 Resp: 262942

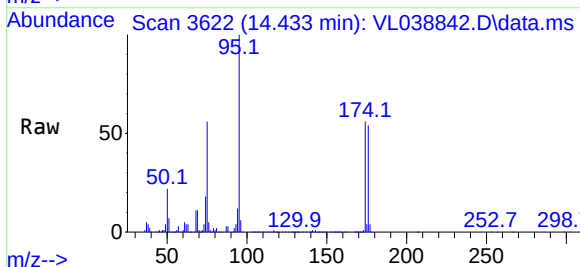
Ion	Ratio	Lower	Upper
117	100		
82	74.3	53.0	79.6
119	35.5	24.9	37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.840 ppbv
RT: 14.433 min Scan# 3622
Delta R.T. 0.026 min
Lab File: VL038842.D
Acq: 7 Apr 2022 15:37



Tgt Ion: 95 Resp: 2162033

Ion	Ratio	Lower	Upper
95	100		
174	63.0	52.0	78.0
175	4.6	4.0	6.0

