

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039505.D
 Acq On : 20 Jul 2022 8:50
 Operator : SY/AP
 Sample : N3750-09
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 05:29:45 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 20 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	918479	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	2596119	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	2277760	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	1742406	10.312	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	37960	0.287	ppbv #	87
3) Chlorodifluoromethane	2.996	51	38748m	0.333	ppbv	
4) Chloromethane	3.150	50	33196	0.521	ppbv	96
9) Propene	3.022	41	23987m	0.456	ppbv	
11) Trichlorofluoromethane	3.960	101	37371m	0.253	ppbv	
13) Ethanol	3.613	45	57298	18.767	ppbv	87
15) Acetone	3.854	43	803895	7.398	ppbv	94
20) Methylene Chloride	4.353	84	416793	9.623	ppbv	96
26) Hexane	5.700	57	233812	2.603	ppbv #	40
34) 2-Butanone	5.259	43	35214	0.269	ppbv #	83
35) Carbon Tetrachloride	7.034	117	10107	0.063	ppbv #	57
36) Benzene	6.902	78	17837m	0.089	ppbv	
53) Toluene	9.819	91	31952	0.138	ppbv	89

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

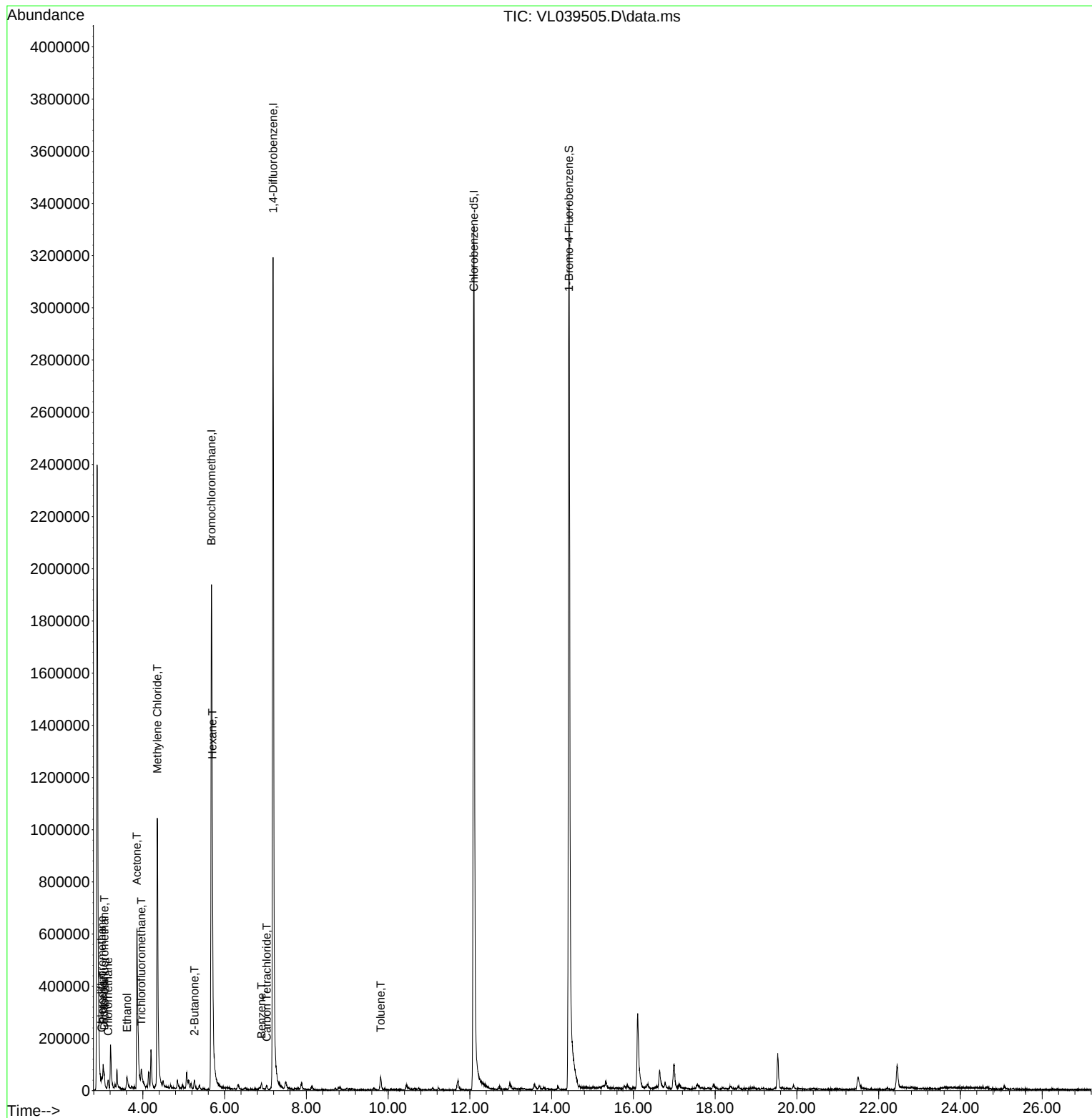
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
Data File : VL039505.D
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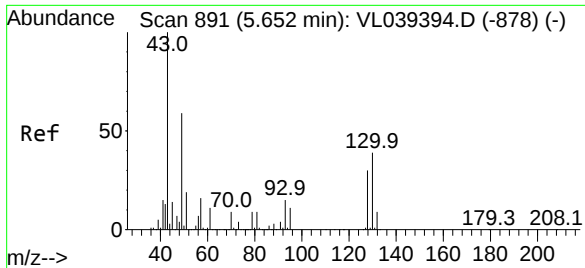
Instrument :
MSVOA_L
ClientSampleId :
OA-1

Quant Time: Jul 21 05:29:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
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Manual Integrations
APPROVED

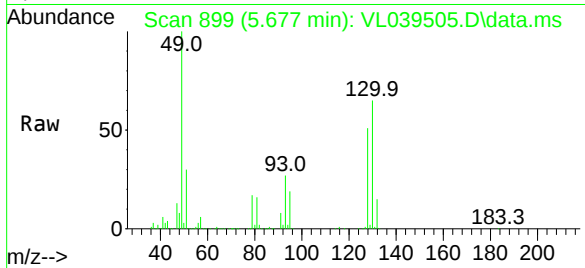
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 891
Delta R.T. 0.026 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

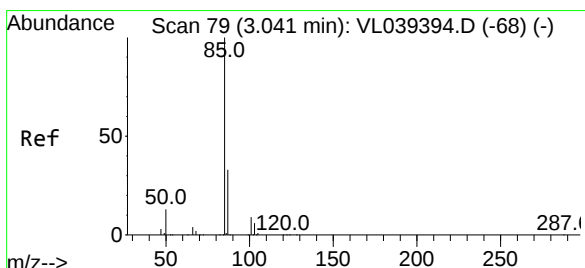
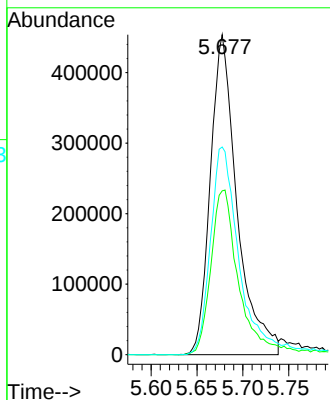
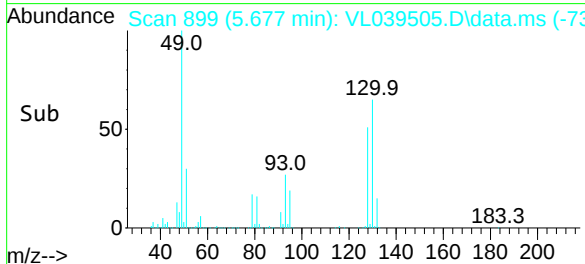
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 49 Resp: 918479
Ion Ratio Lower Upper
49 100
128 55.9 26.7 80.0
130 72.9 34.3 102.8

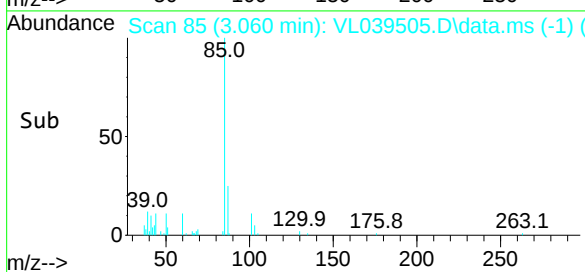
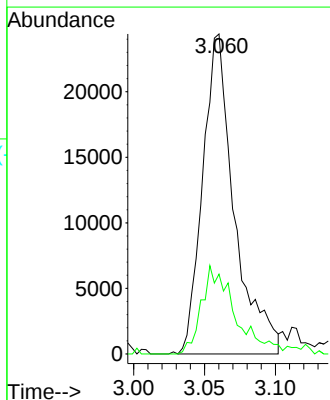
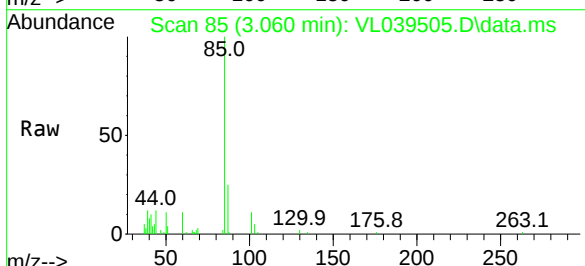
Manual Integrations
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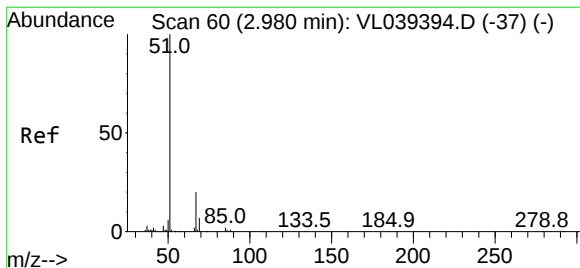
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#2
Dichlorodifluoromethane
Concen: 0.287 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.019 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

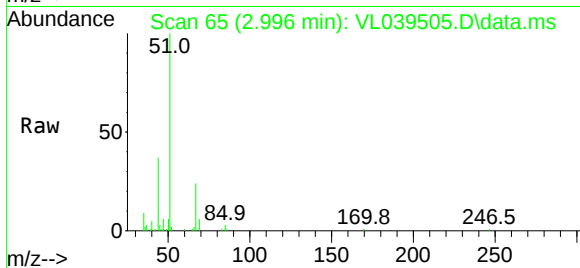
Tgt Ion: 85 Resp: 37960
Ion Ratio Lower Upper
85 100
87 25.9 26.7 40.1#





#3
Chlorodifluoromethane
Concen: 0.333 ppbv m
RT: 2.996 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

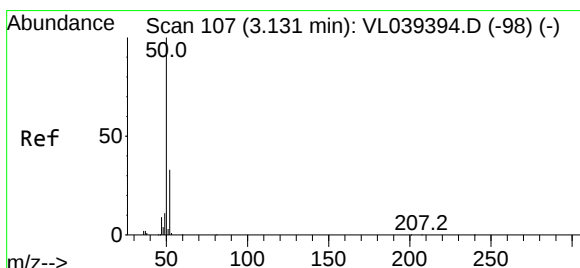
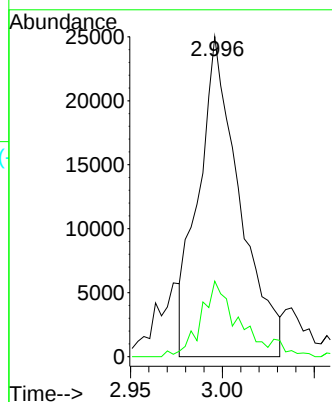
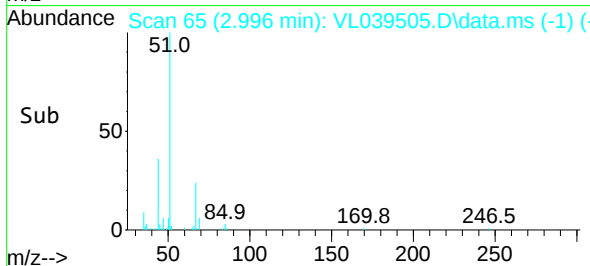
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 51 Resp: 38748
Ion Ratio Lower Upper
51 100
67 22.9 15.7 23.5

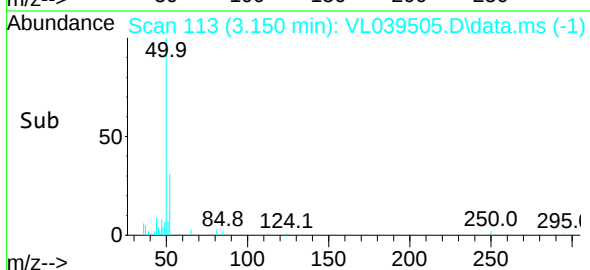
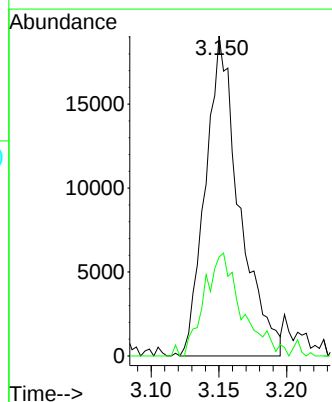
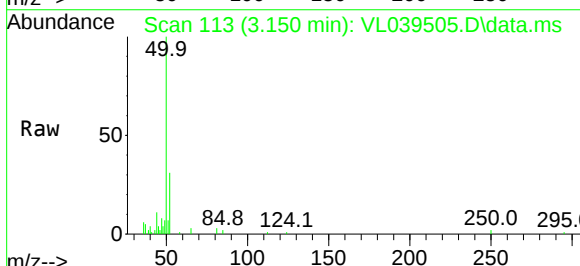
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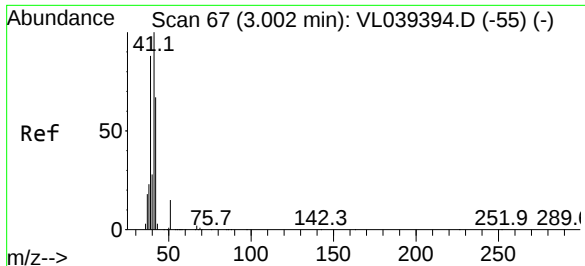
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#4
Chloromethane
Concen: 0.521 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.019 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 50 Resp: 33196
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7





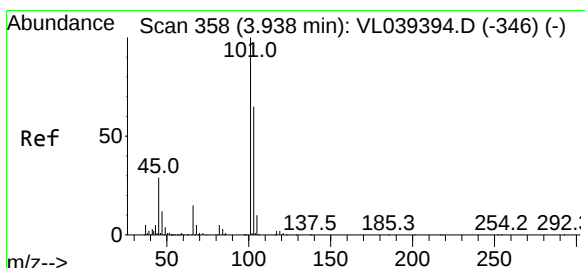
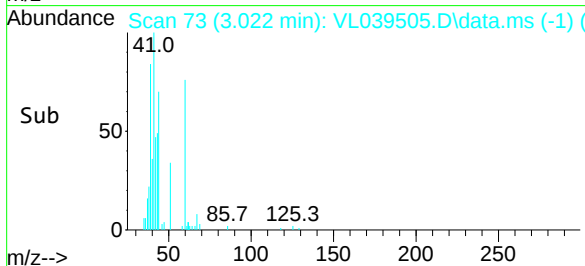
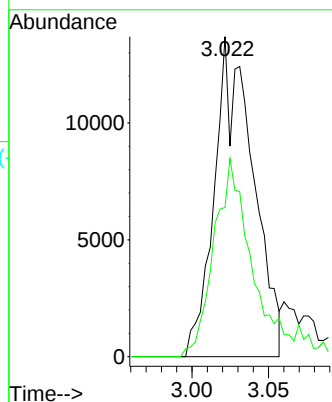
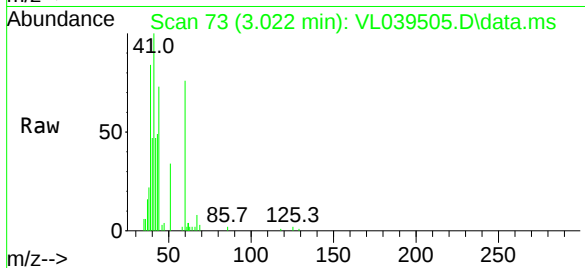
#9
 Propene
 Concen: 0.456 ppbv m
 RT: 3.022 min Scan# 71
 Delta R.T. 0.019 min
 Lab File: VL039505.D
 Acq: 20 Jul 2022 8:50

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1

Tgt Ion: 41 Resp: 2398
 Ion Ratio Lower Upper
 41 100
 42 64.9 55.2 82.8

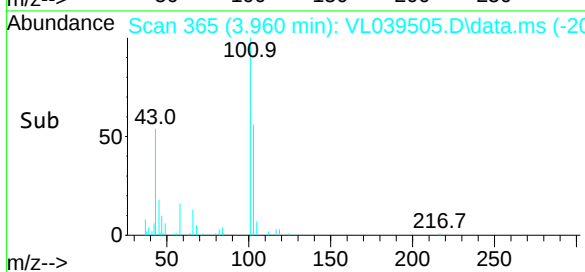
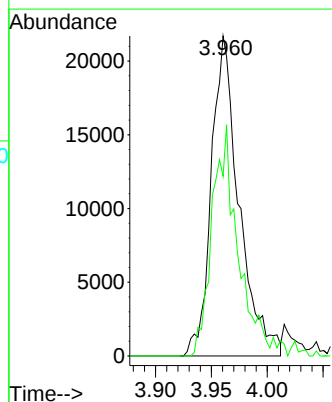
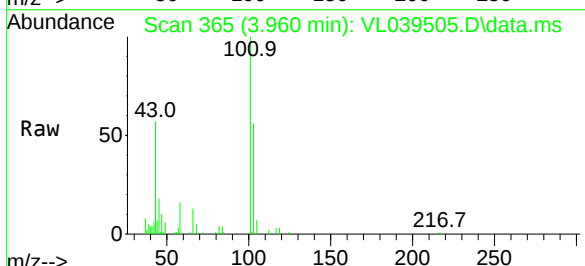
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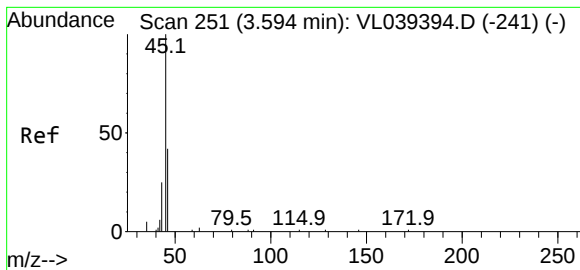
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#11
 Trichlorofluoromethane
 Concen: 0.253 ppbv m
 RT: 3.960 min Scan# 365
 Delta R.T. 0.022 min
 Lab File: VL039505.D
 Acq: 20 Jul 2022 8:50

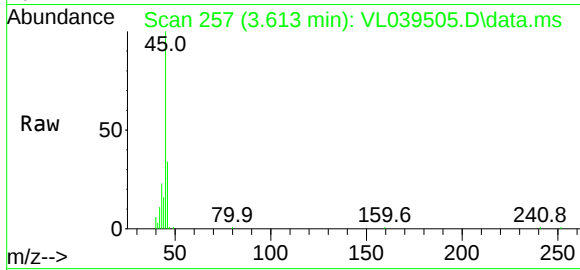
Tgt Ion:101 Resp: 37371
 Ion Ratio Lower Upper
 101 100
 103 56.1 51.8 77.8





#13
Ethanol
Concen: 18.767 ppbv
RT: 3.613 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

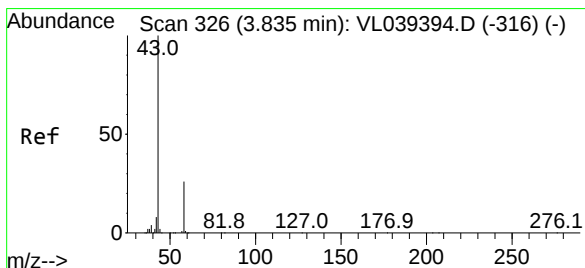
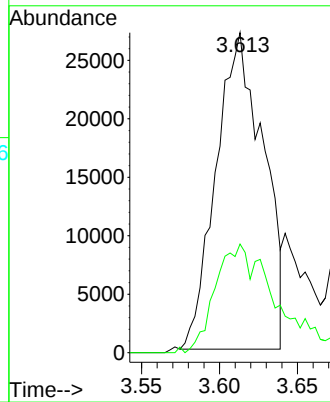
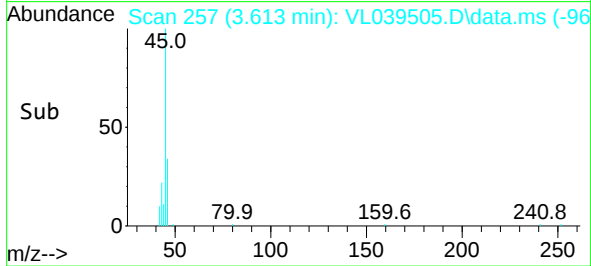
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 45 Resp: 57298
Ion Ratio Lower Upper
45 100
46 47.3 22.8 91.2

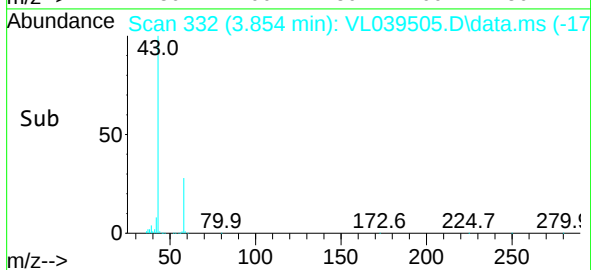
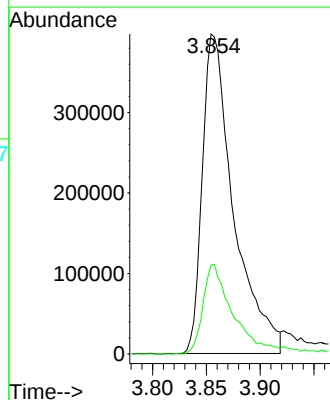
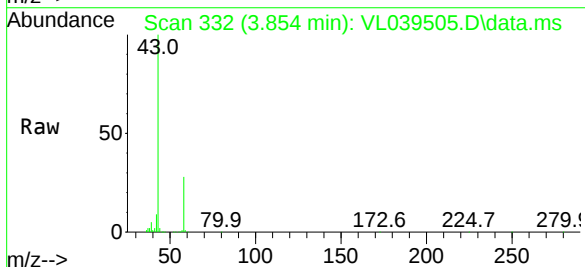
Manual Integrations
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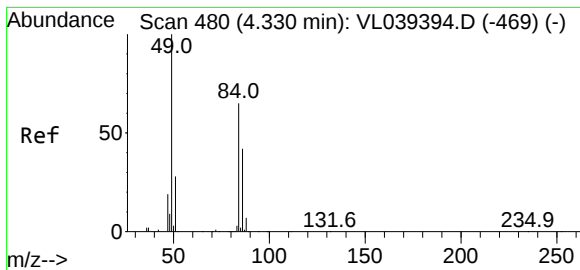
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#15
Acetone
Concen: 7.398 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.019 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

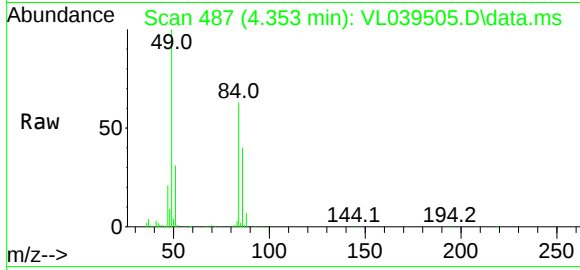
Tgt Ion: 43 Resp: 803895
Ion Ratio Lower Upper
43 100
58 29.2 21.0 31.6





#20
Methylene Chloride
Concen: 9.623 ppbv
RT: 4.353 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

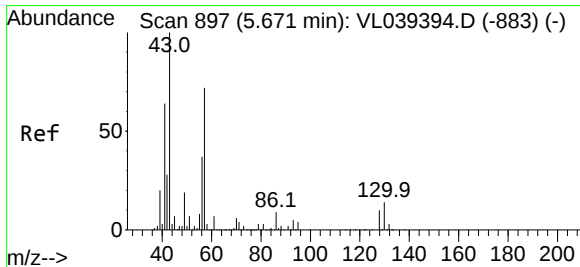
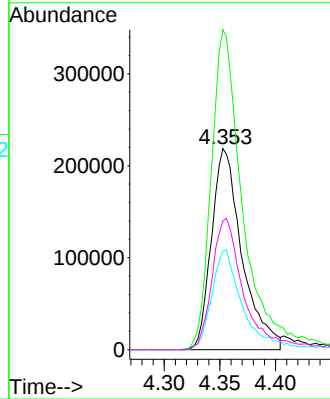
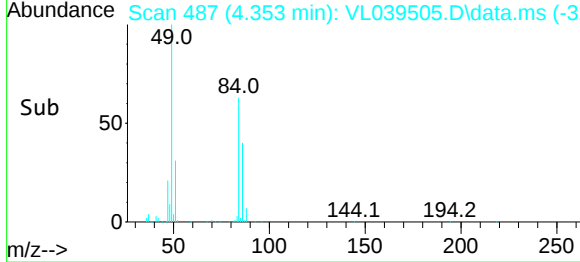
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 84 Resp: 41679
Ion Ratio Lower Upper
84 100
49 159.1 123.1 184.7
51 49.0 34.4 51.6
86 64.0 51.1 76.7

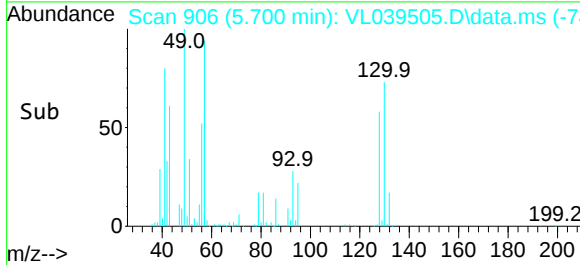
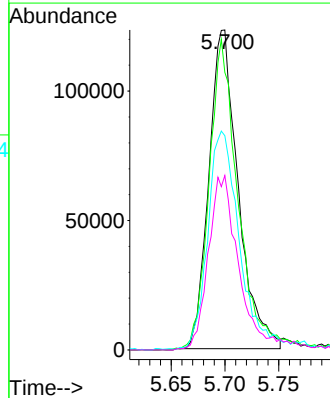
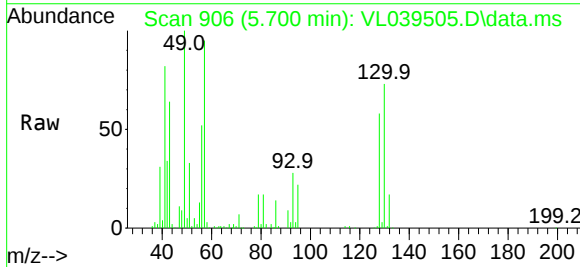
Manual Integrations
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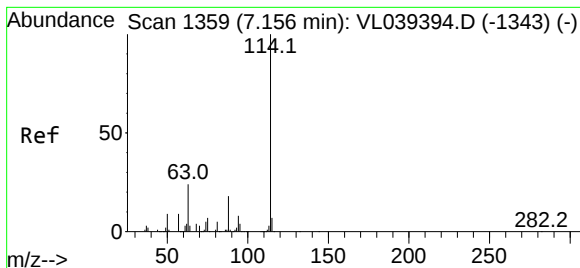
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#26
Hexane
Concen: 2.603 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

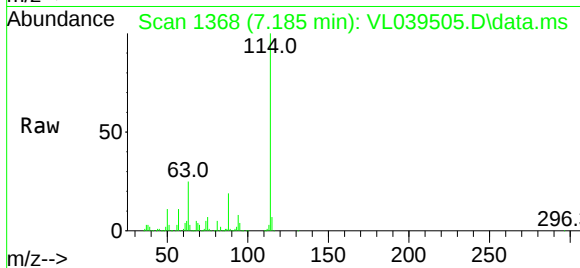
Tgt Ion: 57 Resp: 233812
Ion Ratio Lower Upper
57 100
41 98.7 76.9 115.3
43 76.4 191.0 286.6#
56 58.1 43.2 64.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.029 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

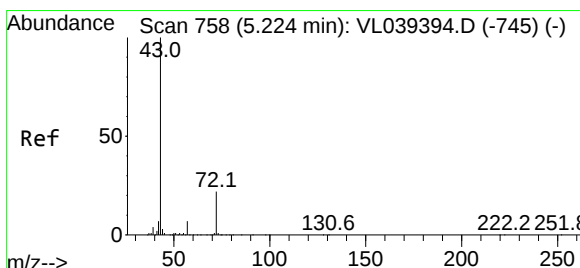
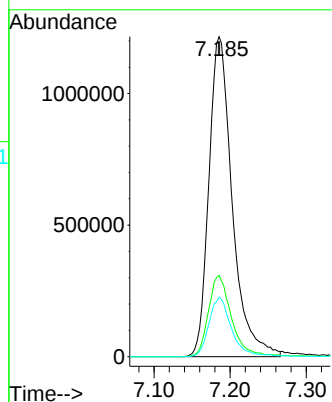
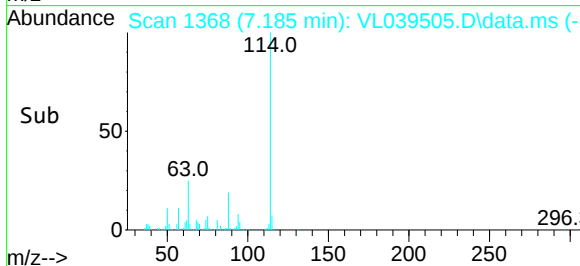
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion:114 Resp: 2596119
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.1 14.5 21.7

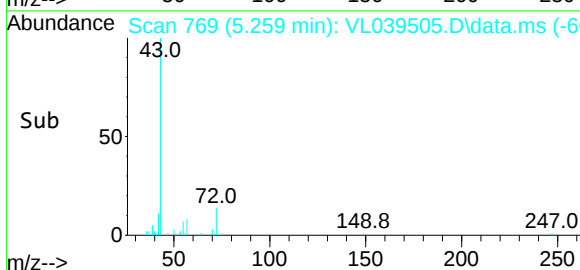
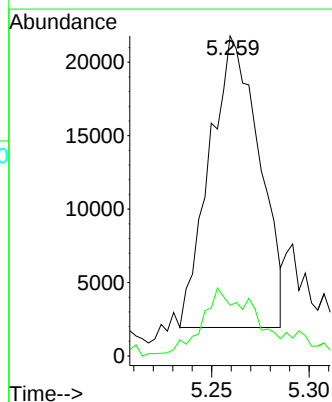
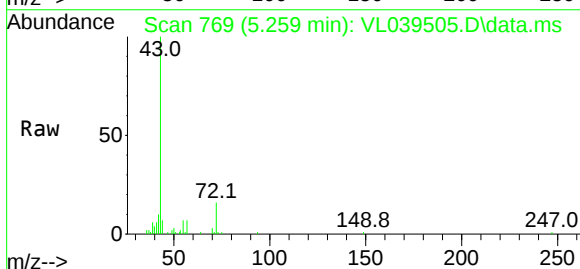
Manual Integrations
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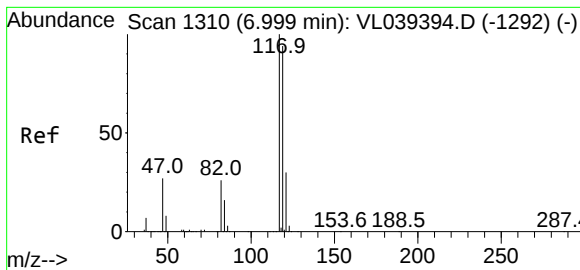
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#34
2-Butanone
Concen: 0.269 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.035 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

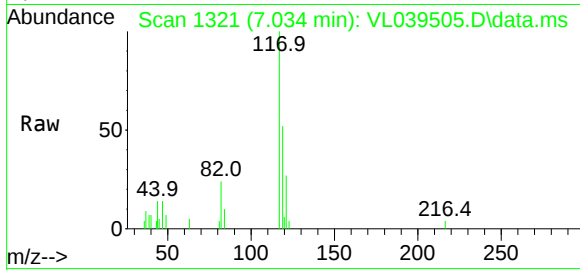
Tgt Ion: 43 Resp: 35214
Ion Ratio Lower Upper
43 100
72 30.7 17.9 26.9





#35
Carbon Tetrachloride
Concen: 0.063 ppbv
RT: 7.034 min Scan# 117
Delta R.T. 0.035 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

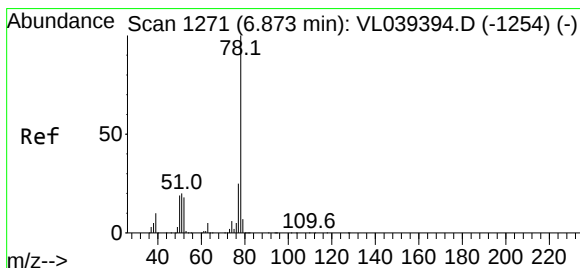
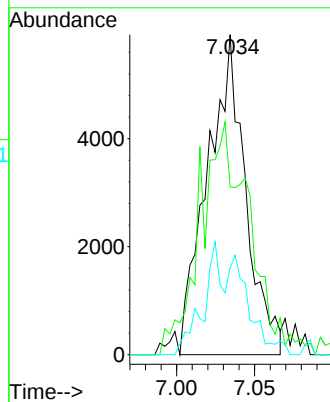
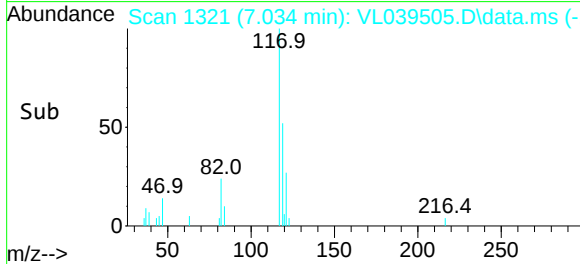
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 117 Resp: 1010
Ion Ratio Lower Upper
117 100
119 42.5 75.4 113.2
121 23.9 24.2 36.2

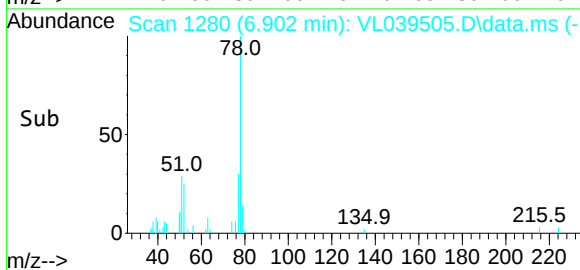
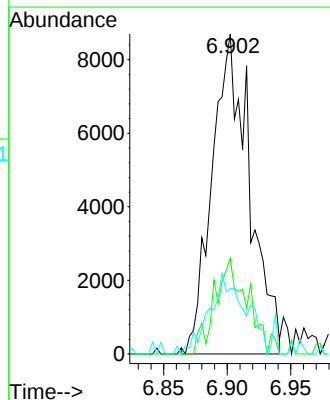
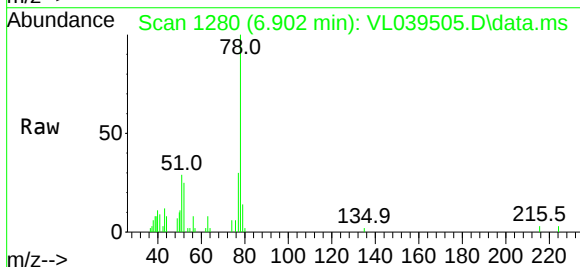
Manual Integrations
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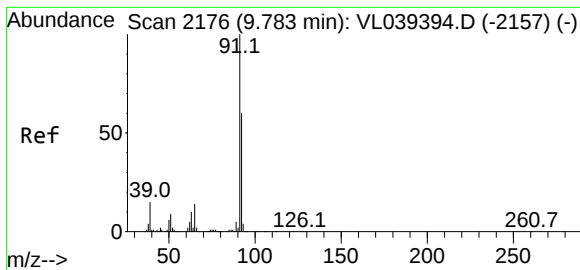
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#36
Benzene
Concen: 0.089 ppbv m
RT: 6.902 min Scan# 1280
Delta R.T. 0.029 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Tgt Ion: 78 Resp: 17837
Ion Ratio Lower Upper
78 100
77 29.9 20.3 30.5
50 10.8 15.5 23.3





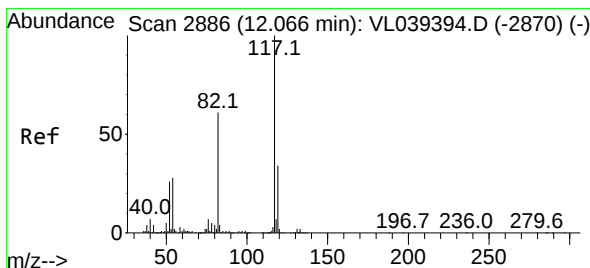
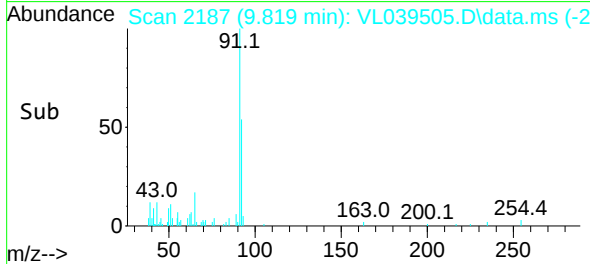
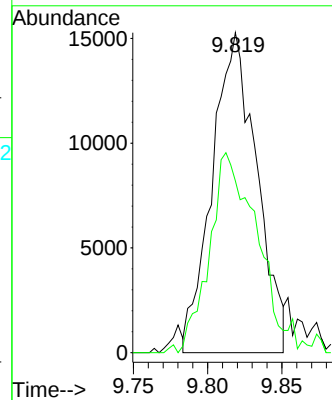
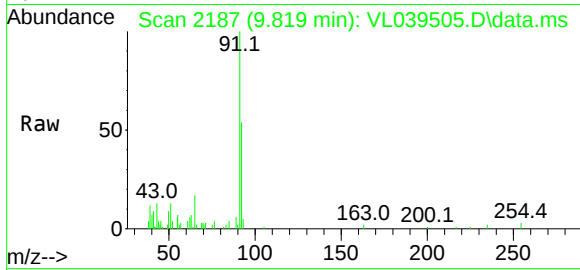
#53
Toluene
Concen: 0.138 ppbv
RT: 9.819 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 91 Resp: 3195
Ion Ratio Lower Upper
91 100
92 68.4 48.2 72.2

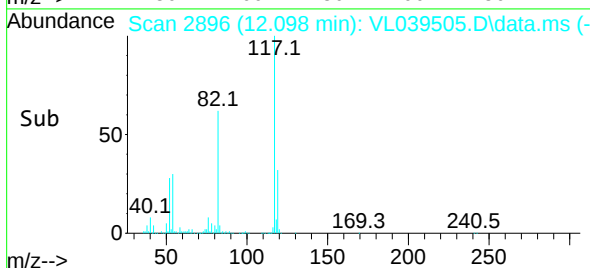
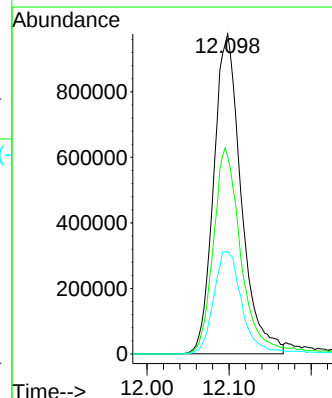
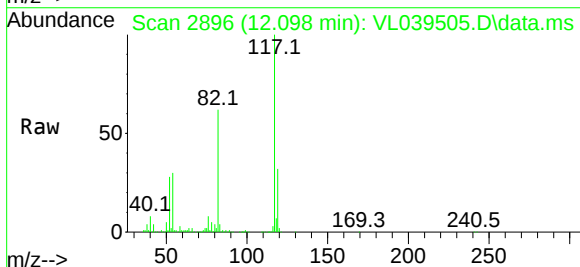
Manual Integrations
APPROVED

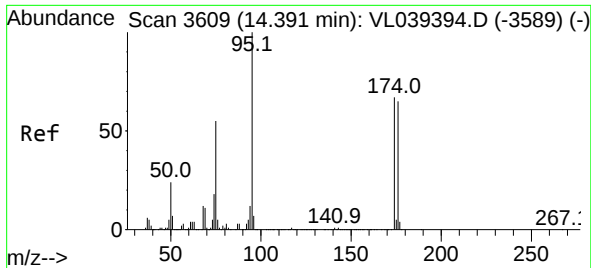
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.032 min
Lab File: VL039505.D
Acq: 20 Jul 2022 8:50

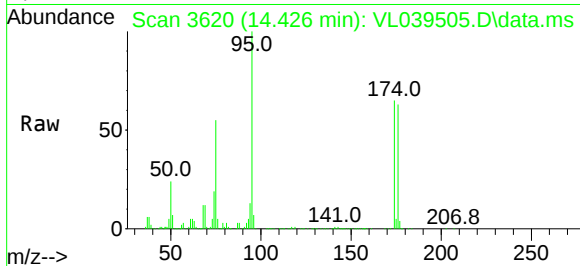
Tgt Ion:117 Resp: 2277760
Ion Ratio Lower Upper
117 100
82 67.2 50.8 76.2
119 33.6 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.312 ppbv
 RT: 14.426 min Scan# 3620
 Delta R.T. 0.035 min
 Lab File: VL039505.D
 Acq: 20 Jul 2022 8:50

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1



Tgt Ion: 95 Resp: 1742400

Ion	Ratio	Lower	Upper
95	100		
174	72.8	55.9	83.9
175	5.4	4.2	6.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

