

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039422.D
 Acq On : 5 Jul 2022 16:26
 Operator : SY/AP
 Sample : N3560-01 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:37:04 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6

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	5.674	49	1237347	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	3459501	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.089	117	2999012	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2293235	10.307	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.100%
Target Compounds						Qvalue
9) Propene	3.028	41	47761	0.674	ppbv	96
11) Trichlorofluoromethane	3.957	101	41517	0.209	ppbv	95
13) Ethanol	3.620	45	13373m	3.251	ppbv	
15) Acetone	3.854	43	1744301	11.916	ppbv	98
17) tert-Butyl alcohol	4.304	59	55950m	0.450	ppbv	
19) Isopropyl Alcohol	3.983	45	15924m	0.204	ppbv	
20) Methylene Chloride	4.353	84	59703m	1.023	ppbv	
26) Hexane	5.690	57	63975	0.529	ppbv #	36
27) Carbon Disulfide	4.562	76	18387m	0.126	ppbv	
29) Chloroform	5.758	83	24405m	0.116	ppbv	
34) 2-Butanone	5.259	43	100078	0.575	ppbv	94
38) Trichloroethene	7.835	130	11932m	0.082	ppbv	
52) Tetrachloroethene	11.224	164	288895	2.680	ppbv	95
53) Toluene	9.809	91	50399m	0.163	ppbv	
59) m/p-Xylene	12.966	91	40722m	0.119	ppbv	

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

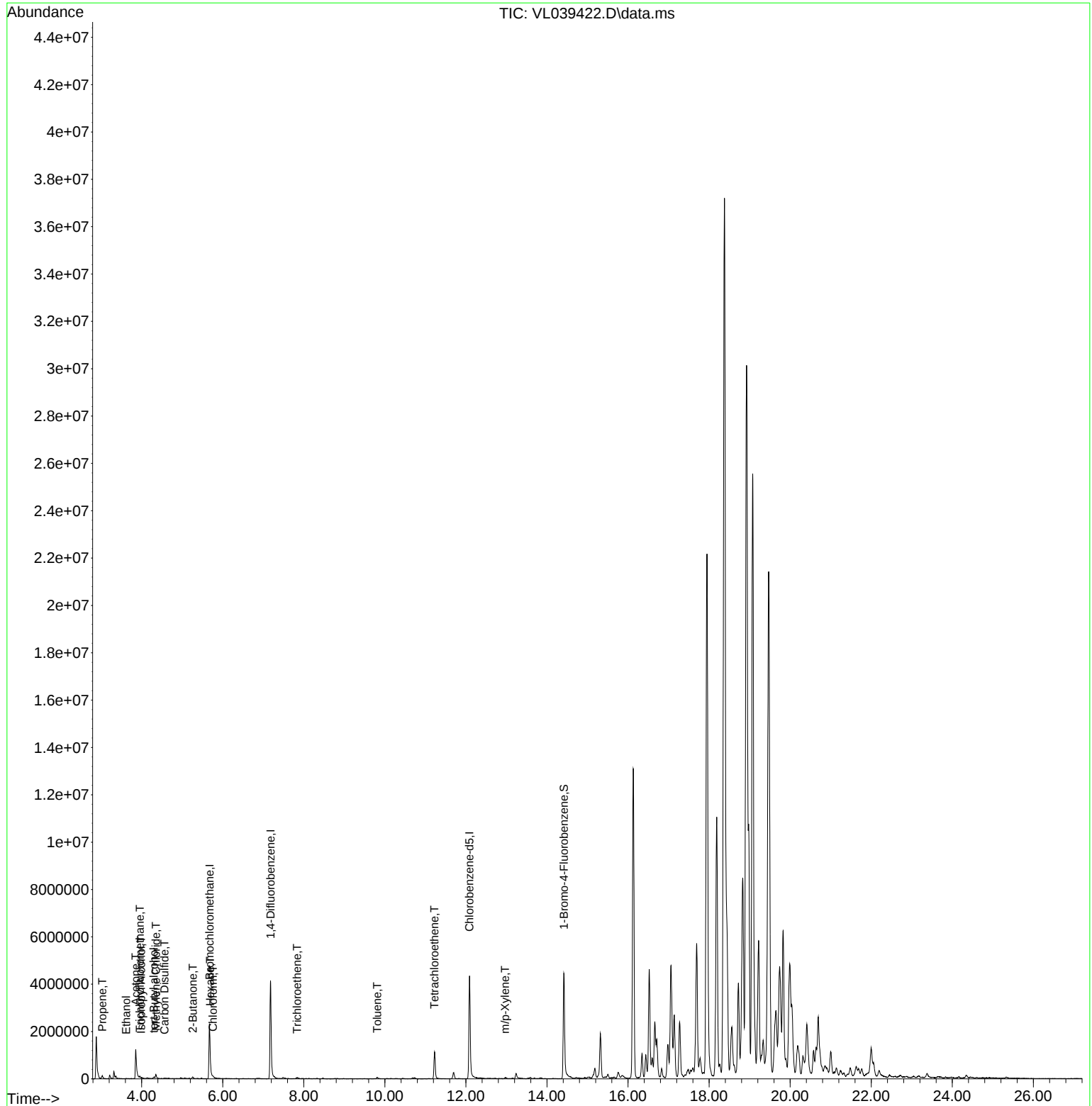
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
Data File : VL039422.D
Acq On : 5 Jul 2022 16:26
Operator : SY/AP
Sample : N3560-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

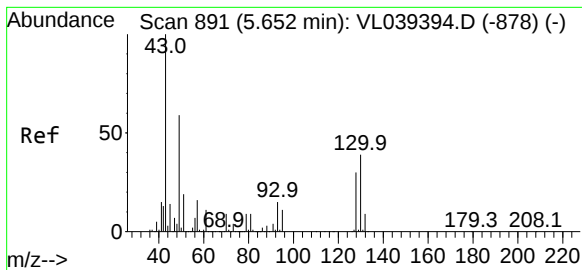
Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations
APPROVED

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

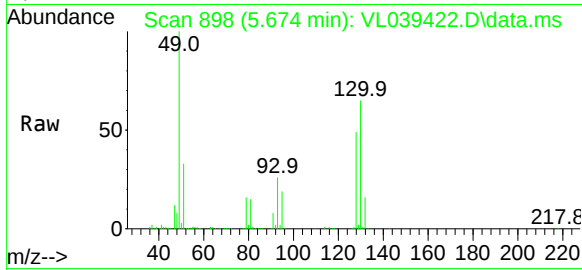
Quant Time: Jul 06 02:37:04 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 891
Delta R.T. 0.022 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

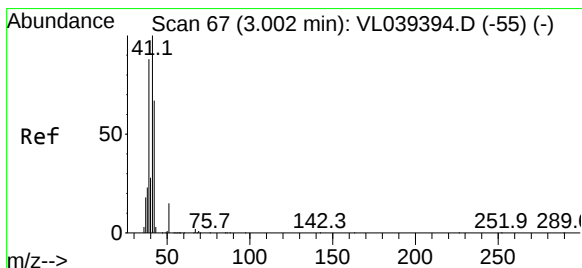
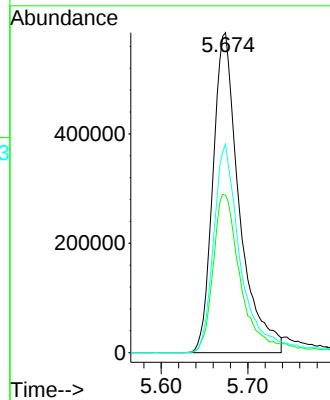
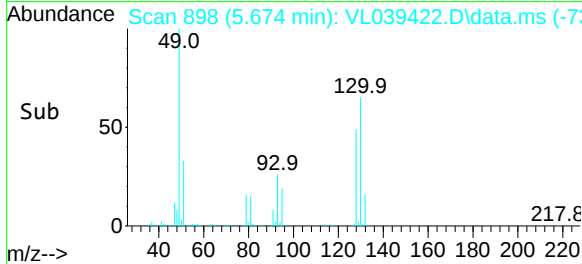
Instrument :
MSVOA_L
ClientSampleId :
SV1



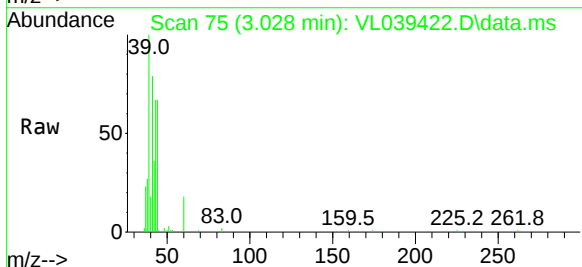
Tgt Ion: 49 Resp: 123734
Ion Ratio Lower Upper
49 100
128 54.7 26.7 80.0
130 68.1 34.3 102.8

Manual Integrations
APPROVED

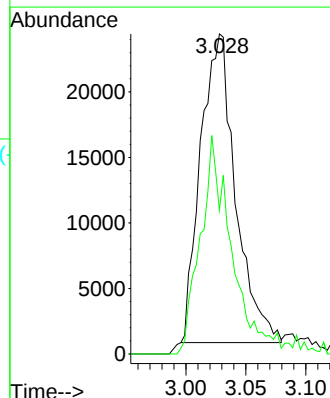
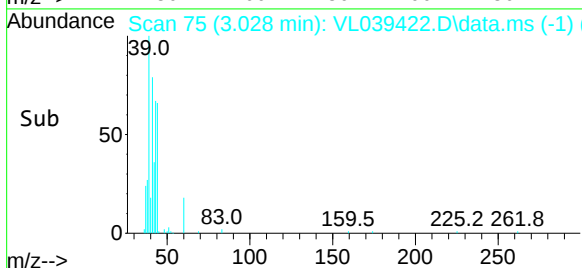
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

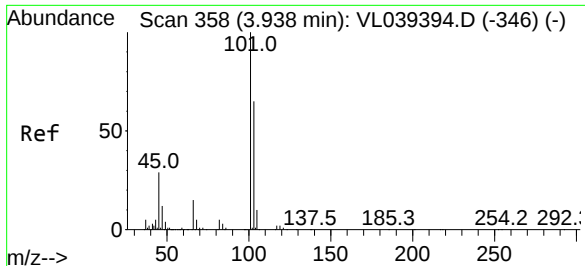


#9
Propene
Concen: 0.674 ppbv
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26



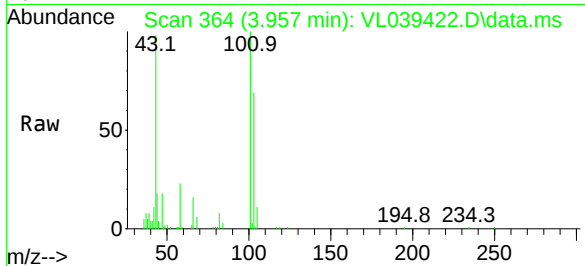
Tgt Ion: 41 Resp: 47761
Ion Ratio Lower Upper
41 100
42 65.4 55.2 82.8





#11
 Trichlorofluoromethane
 Concen: 0.209 ppbv
 RT: 3.957 min Scan# 30
 Delta R.T. 0.019 min
 Lab File: VL039422.D
 Acq: 5 Jul 2022 16:26

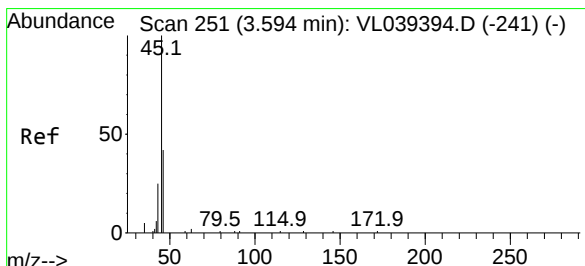
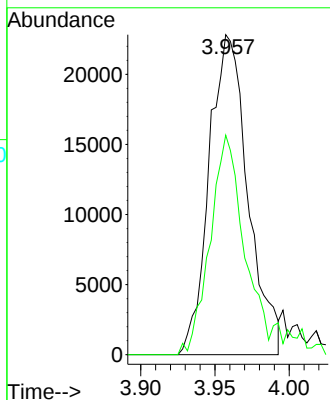
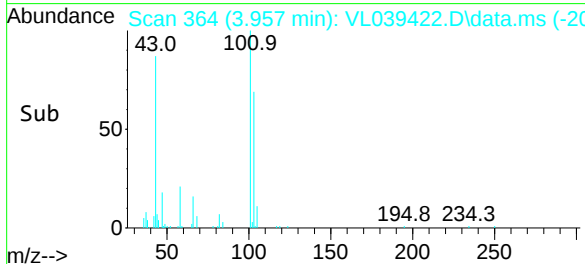
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1



Tgt Ion:101 Resp: 4151
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.8 77.8

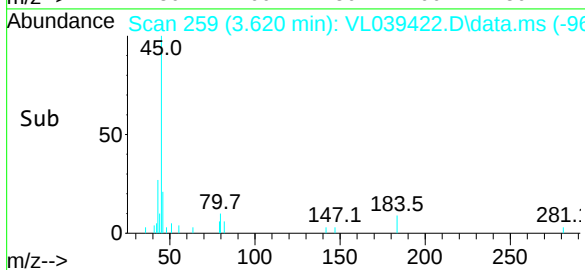
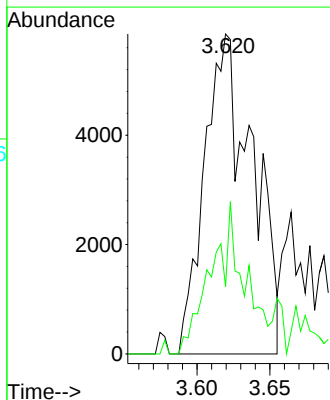
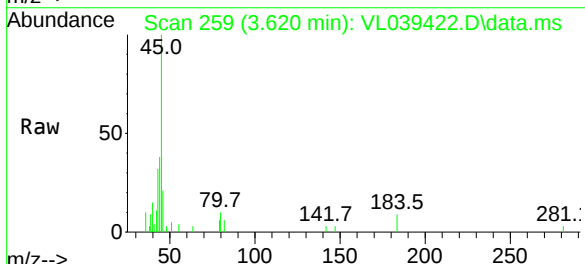
Manual Integrations
 APPROVED

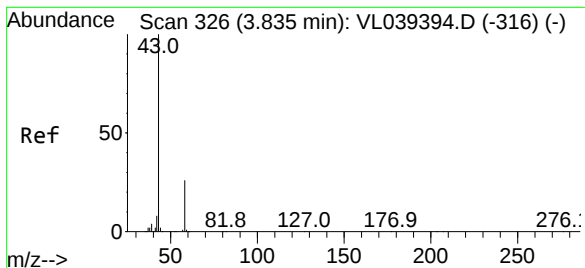
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#13
 Ethanol
 Concen: 3.251 ppbv m
 RT: 3.620 min Scan# 259
 Delta R.T. 0.026 min
 Lab File: VL039422.D
 Acq: 5 Jul 2022 16:26

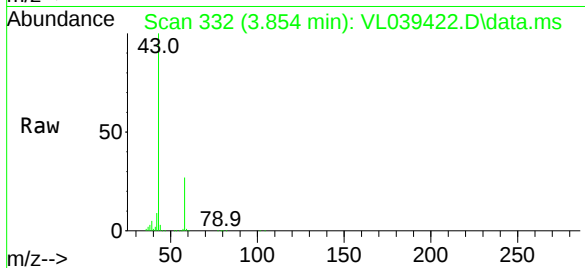
Tgt Ion: 45 Resp: 13373
 Ion Ratio Lower Upper
 45 100
 46 44.9 22.8 91.2





#15
Acetone
Concen: 11.916 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

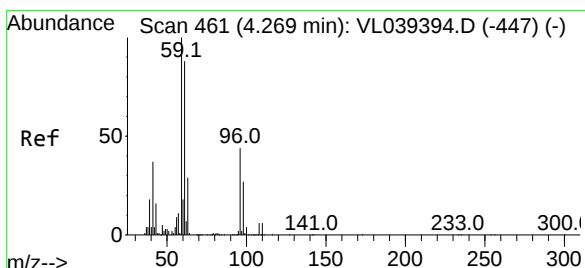
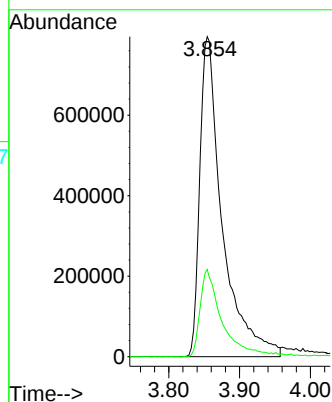
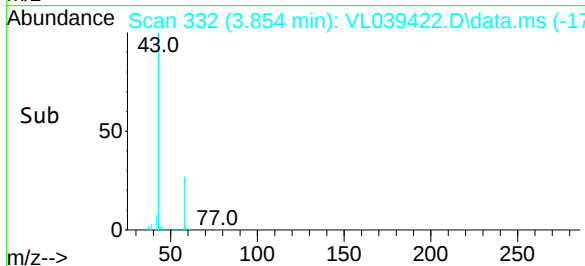
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 43 Resp: 174430
Ion Ratio Lower Upper
43 100
58 27.1 21.0 31.6

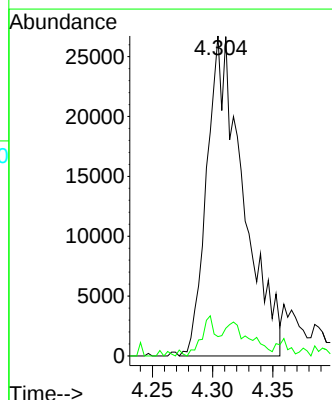
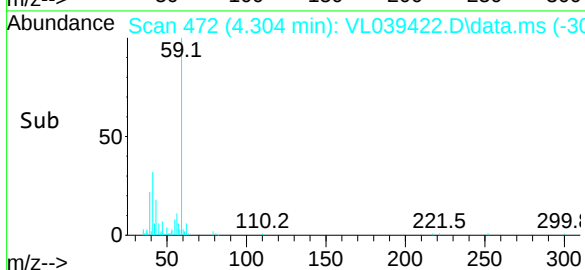
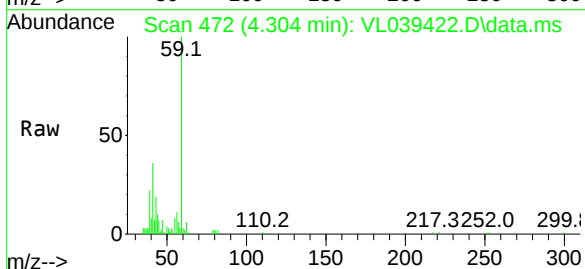
Manual Integrations
APPROVED

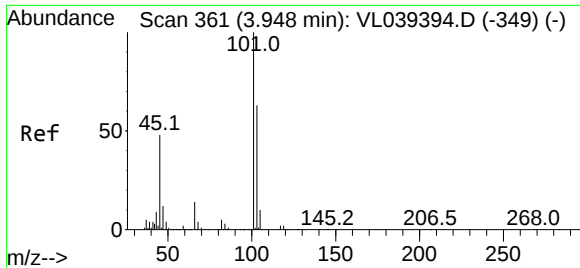
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#17
tert-Butyl alcohol
Concen: 0.450 ppbv m
RT: 4.304 min Scan# 472
Delta R.T. 0.035 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

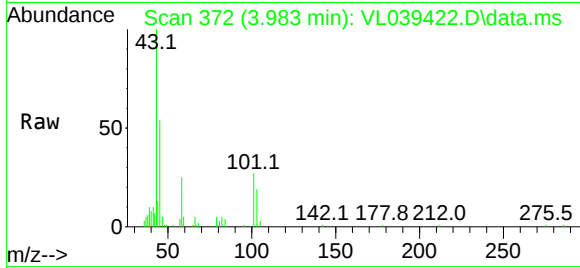
Tgt Ion: 59 Resp: 55950
Ion Ratio Lower Upper
59 100
57 14.4 8.7 13.1#





#19
Isopropyl Alcohol
Concen: 0.204 ppbv m
RT: 3.983 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

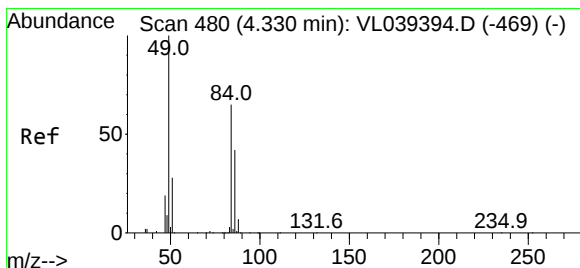
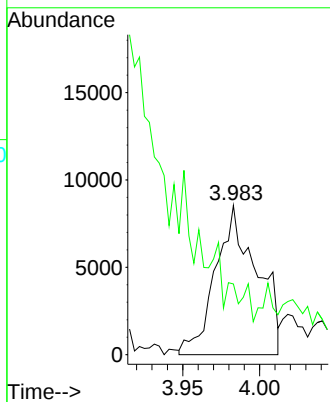
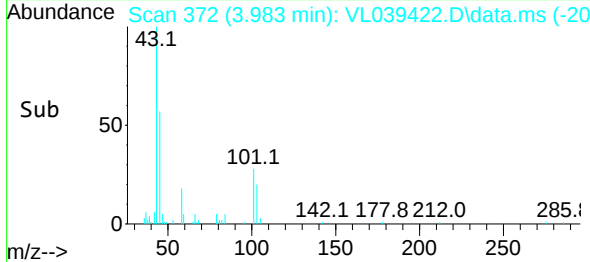
Instrument :
MSVOA_L
ClientSampleId :
SV1



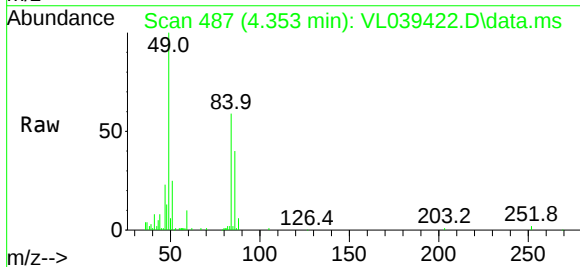
Tgt Ion: 45 Resp: 15924
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

Manual Integrations
APPROVED

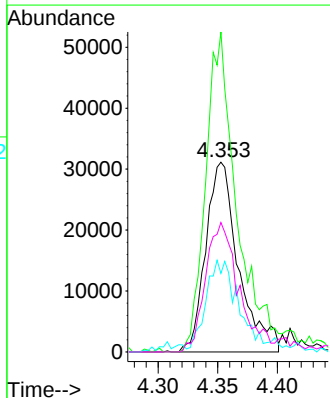
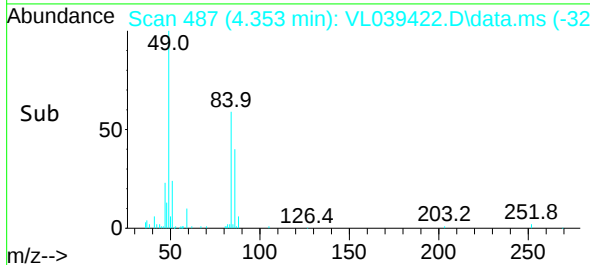
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

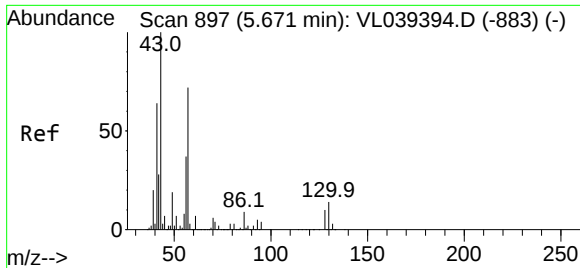


#20
Methylene Chloride
Concen: 1.023 ppbv m
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26



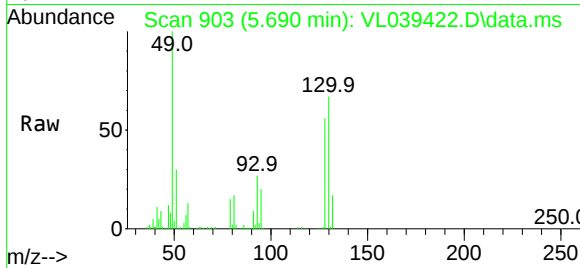
Tgt Ion: 84 Resp: 59703
Ion Ratio Lower Upper
84 100
49 168.7 123.1 184.7
51 41.4 34.4 51.6
86 68.3 51.1 76.7





#26
Hexane
Concen: 0.529 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.019 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

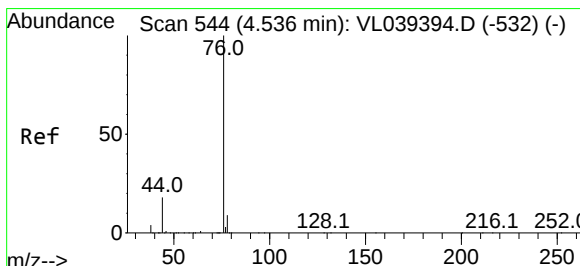
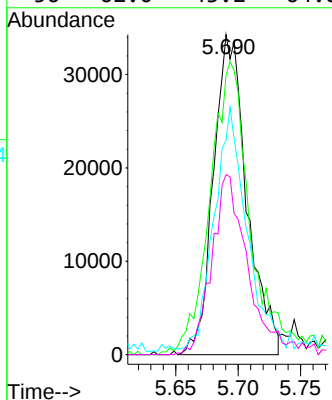
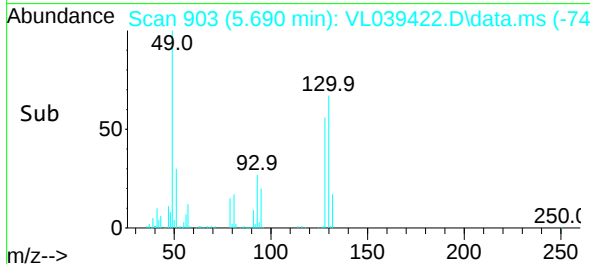
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 57 Resp: 6397
Ion Ratio Lower Upper
57 100
41 115.5 76.9 115.3
43 79.5 191.0 286.6
56 62.0 43.2 64.8

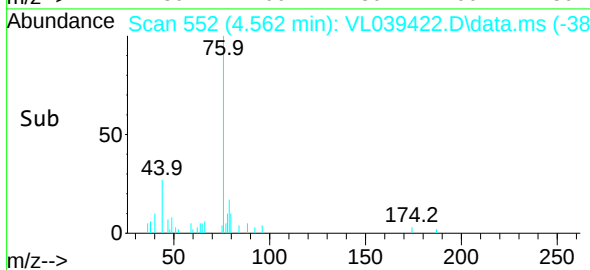
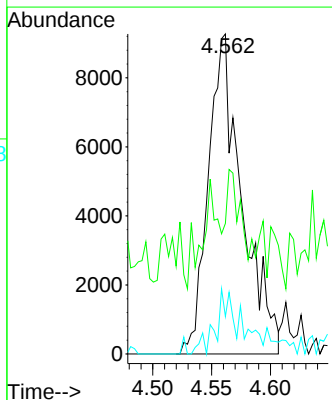
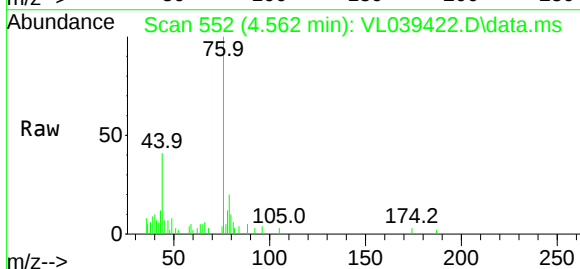
Manual Integrations
APPROVED

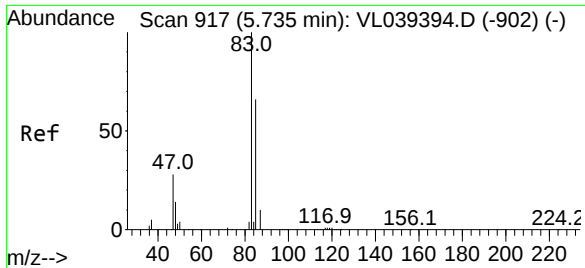
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#27
Carbon Disulfide
Concen: 0.126 ppbv m
RT: 4.562 min Scan# 552
Delta R.T. 0.026 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

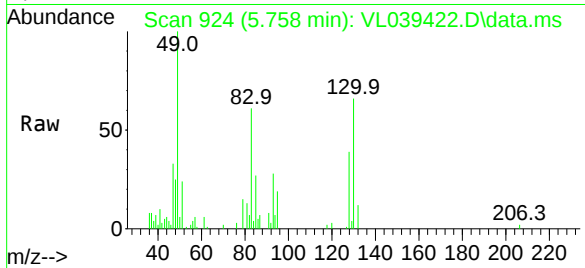
Tgt Ion: 76 Resp: 18387
Ion Ratio Lower Upper
76 100
44 10.9 14.6 21.8#
78 19.0 7.8 11.6#





#29
Chloroform
Concen: 0.116 ppbv m
RT: 5.758 min Scan# 917
Delta R.T. 0.022 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

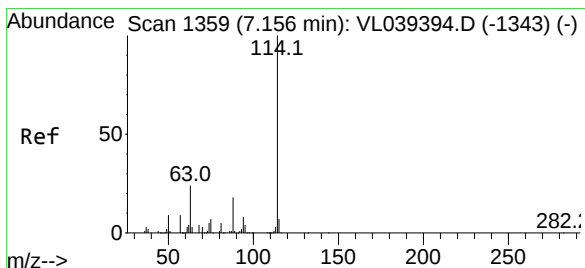
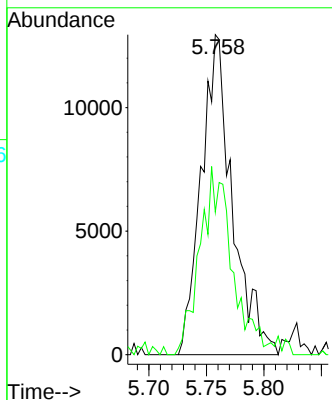
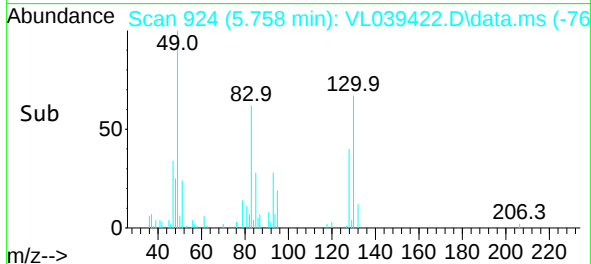
Instrument :
MSVOA_L
ClientSampleId :
SV1



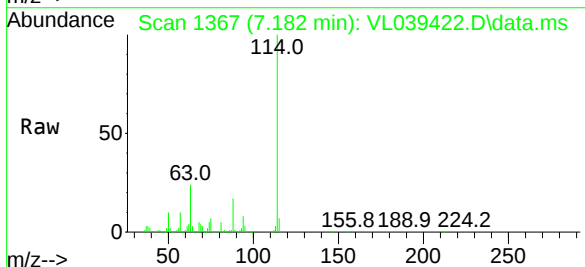
Tgt Ion: 83 Resp: 2440
Ion Ratio Lower Upper
83 100
85 44.5 52.8 79.2

Manual Integrations
APPROVED

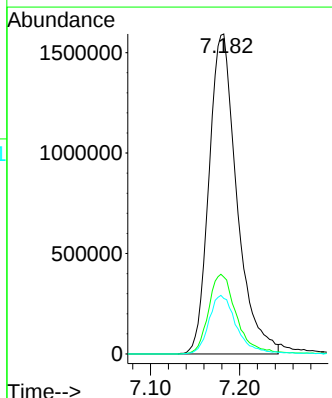
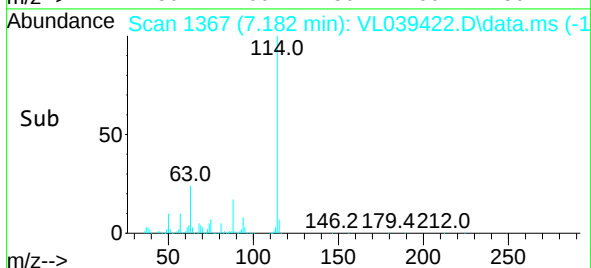
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

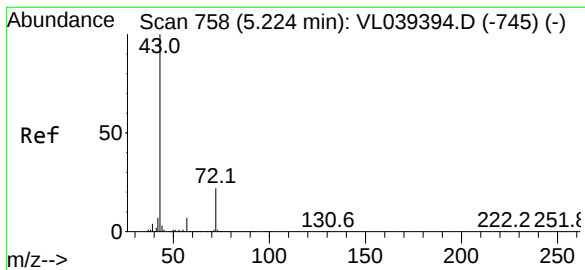


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.026 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26



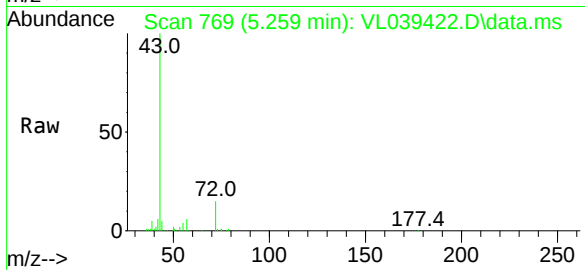
Tgt Ion:114 Resp: 3459501
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.5 14.5 21.7





#34
2-Butanone
Concen: 0.575 ppbv
RT: 5.259 min Scan# 70
Delta R.T. 0.035 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

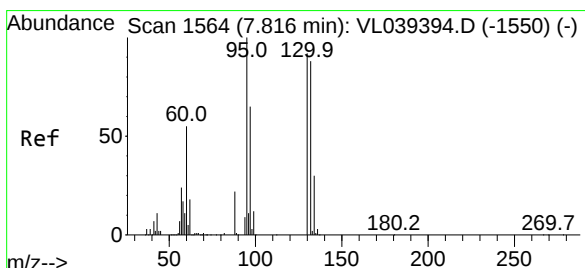
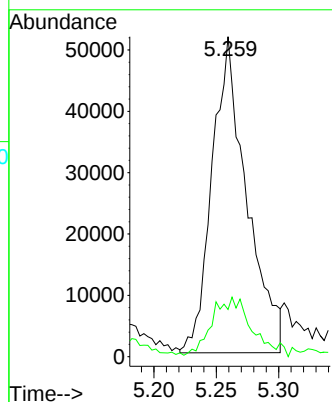
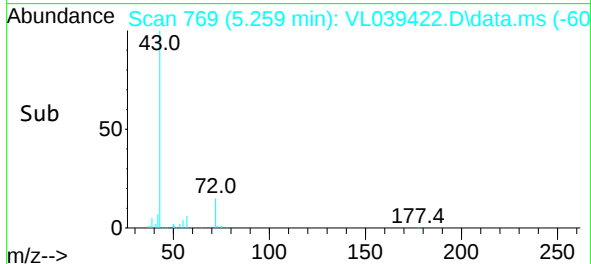
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 43 Resp: 100078
Ion Ratio Lower Upper
43 100
72 25.2 17.9 26.9

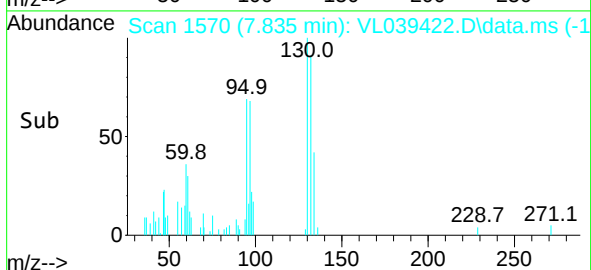
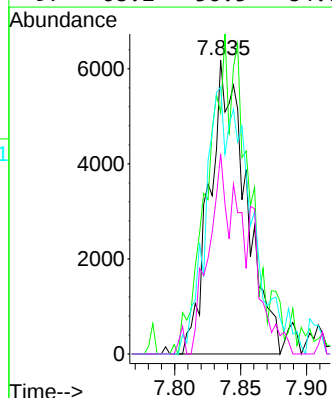
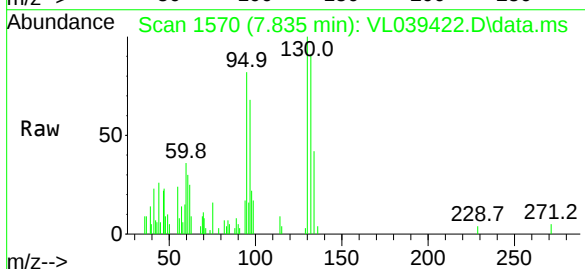
Manual Integrations
APPROVED

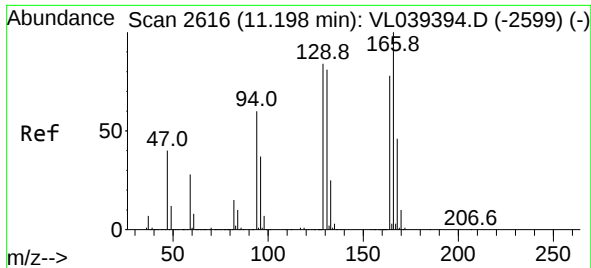
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#38
Trichloroethene
Concen: 0.082 ppbv m
RT: 7.835 min Scan# 1570
Delta R.T. 0.019 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

Tgt Ion:130 Resp: 11932
Ion Ratio Lower Upper
130 100
95 82.2 87.3 130.9#
132 91.0 76.7 115.1
97 68.2 56.5 84.7





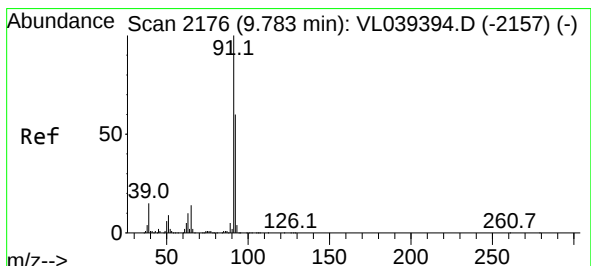
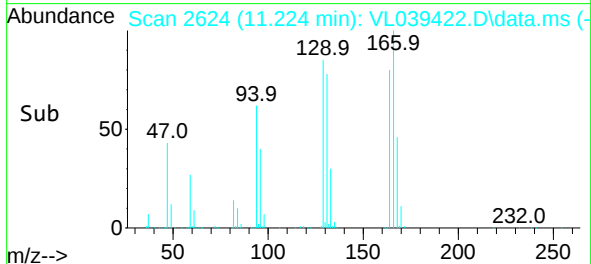
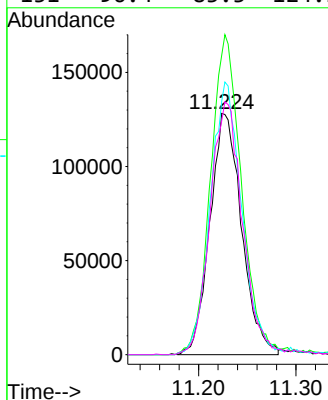
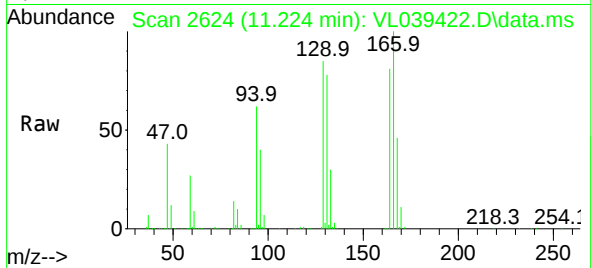
#52
Tetrachloroethene
Concen: 2.680 ppbv
RT: 11.224 min Scan# 2184
Delta R.T. 0.026 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:164 Resp: 28889
Ion Ratio Lower Upper
164 100
166 123.5 102.2 153.2
129 104.4 85.8 128.8
131 96.4 83.3 124.9

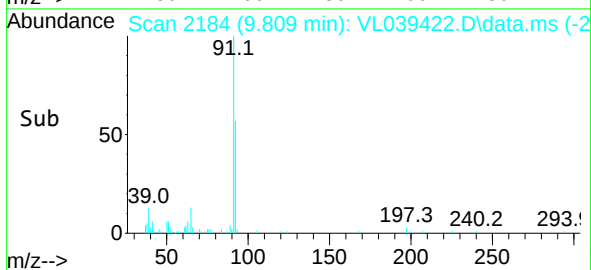
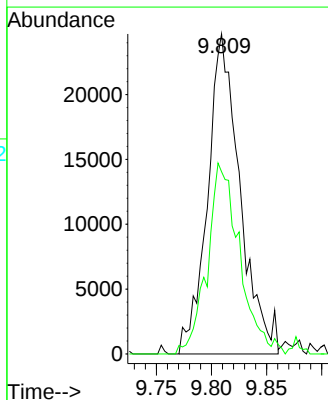
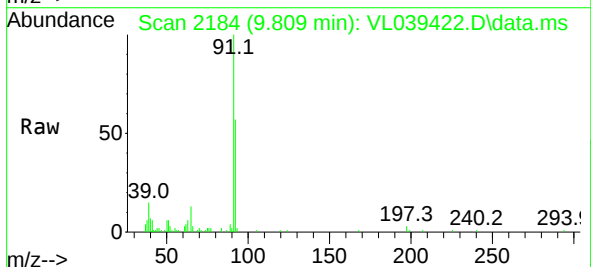
Manual Integrations
APPROVED

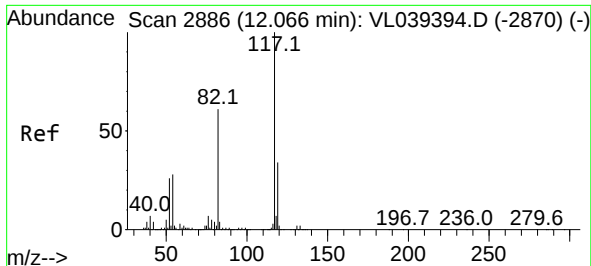
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#53
Toluene
Concen: 0.163 ppbv m
RT: 9.809 min Scan# 2184
Delta R.T. 0.026 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

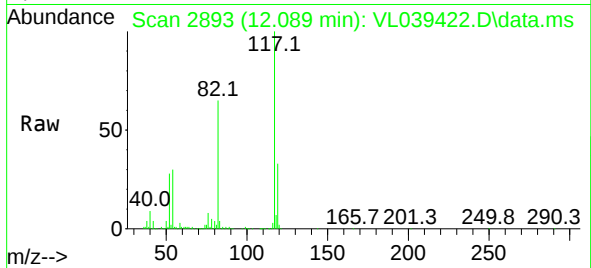
Tgt Ion: 91 Resp: 50399
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

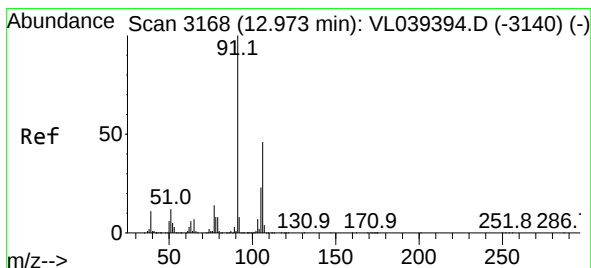
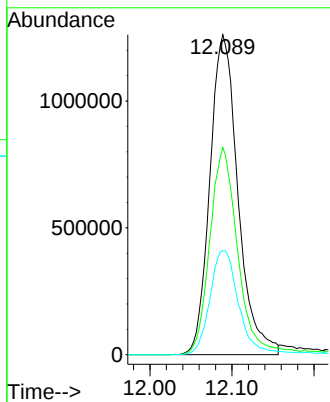
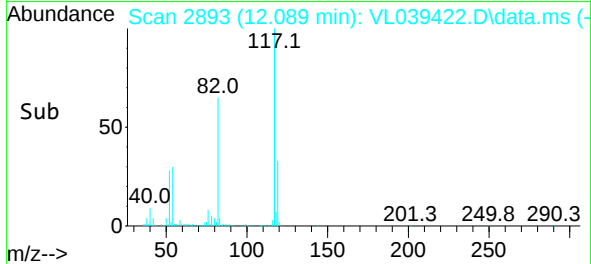
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:117 Resp: 299901
Ion Ratio Lower Upper
117 100
82 66.6 50.8 76.2
119 34.3 24.1 36.1

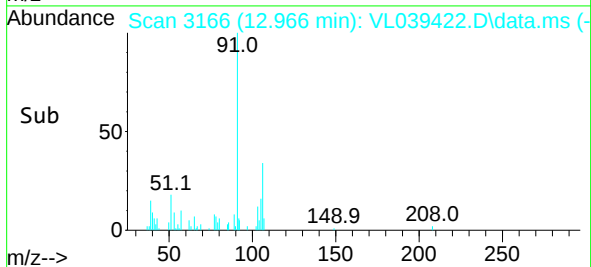
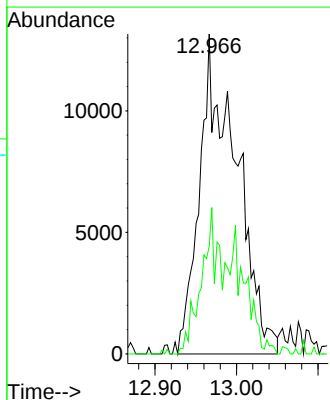
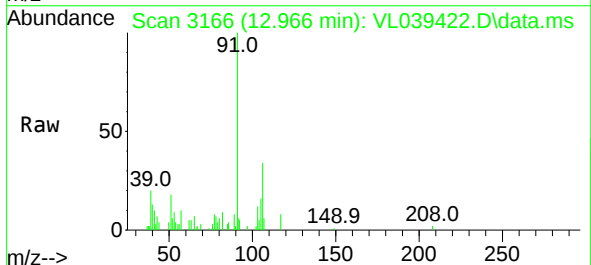
Manual Integrations
APPROVED

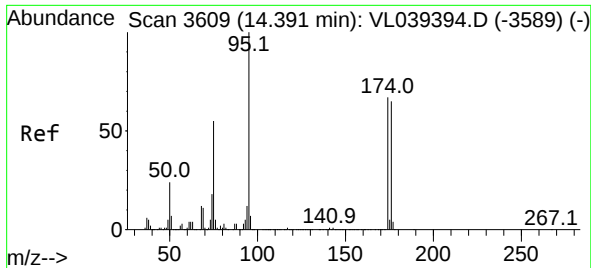
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#59
m/p-Xylene
Concen: 0.119 ppbv m
RT: 12.966 min Scan# 3166
Delta R.T. -0.006 min
Lab File: VL039422.D
Acq: 5 Jul 2022 16:26

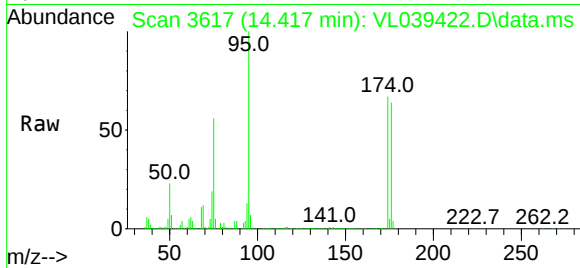
Tgt Ion: 91 Resp: 40722
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.307 ppbv
 RT: 14.417 min Scan# 30
 Delta R.T. 0.026 min
 Lab File: VL039422.D
 Acq: 5 Jul 2022 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1



Tgt Ion: 95 Resp: 2293238
 Ion Ratio Lower Upper
 95 100
 174 70.6 55.9 83.9
 175 5.6 4.2 6.4

Manual Integrations
 APPROVED

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

