

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039327.D
 Acq On : 22 Jun 2022 19:35
 Operator : SY/AP
 Sample : N3214-13 LOD 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 23 07:30:04 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:30:04 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Bromochloromethane	5.668	49	1133664	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3227823	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.082	117	2918355	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2285771 9.474 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	29983m	0.151	ppbv	
3) Chlorodifluoromethane	2.989	51	16485	0.114	ppbv	99
4) Chloromethane	3.144	50	9588m	0.129	ppbv	
5) Vinyl Chloride	3.266	62	9017m	0.130	ppbv	
6) Bromomethane	3.485	94	4593m	0.135	ppbv	
7) Chloroethane	3.559	64	3143m	0.130	ppbv	
8) Dichlorotetrafluoroethane	3.192	85	23579	0.130	ppbv	93
9) Propene	3.012	41	13864m	0.220	ppbv	
10) Heptane	8.118	43	13781m	0.094	ppbv	
11) Trichlorofluoromethane	3.951	101	24277m	0.135	ppbv	
12) 1,1,2-Trichlorotrifluoro...	4.481	101	18506m	0.155	ppbv	
13) Ethanol	3.616	45	381	0.111	ppbv #	100
14) Bromoethene	3.745	108	7019	0.131	ppbv #	93
15) Acetone	3.883	43	21759m	0.184	ppbv	
16) 1,3-Butadiene	3.334	39	8261m	0.130	ppbv	
17) tert-Butyl alcohol	4.317	59	14692m	0.160	ppbv	
18) 1,1-Dichloroethene	4.288	96	8001m	0.150	ppbv	
19) Isopropyl Alcohol	3.983	45	6941m	0.125	ppbv	
20) Methylene Chloride	4.346	84	11644m	0.234	ppbv	
21) Allyl Chloride	4.411	41	12008m	0.151	ppbv	
22) trans-1,2-Dichloroethene	4.890	96	7301m	0.142	ppbv	
23) Vinyl Acetate	5.089	43	12391m	0.127	ppbv	
24) 1,1-Dichloroethane	5.012	63	16262m	0.121	ppbv	
25) Ethyl Acetate	5.687	43	30254m	0.114	ppbv	
26) Hexane	5.687	57	14206m	0.121	ppbv	
27) Carbon Disulfide	4.549	76	13640m	0.113	ppbv	
28) Methyl tert-Butyl Ether	5.060	73	16451m	0.127	ppbv	
29) Chloroform	5.751	83	24731m	0.126	ppbv	
30) Cyclohexane	7.131	84	18331m	0.187	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	12971m	0.109	ppbv	
32) 1,1,1-Trichloroethane	6.517	97	21136m	0.110	ppbv	
34) 2-Butanone	5.263	43	20393m	0.116	ppbv	
35) Carbon Tetrachloride	7.021	117	20430m	0.087	ppbv	
36) Benzene	6.886	78	26290m	0.100	ppbv	
37) 1,2-Dichloroethane	6.301	62	16519m	0.096	ppbv	
38) Trichloroethene	7.832	130	14387m	0.120	ppbv	
39) 1,2-Dichloropropane	7.607	63	13778m	0.132	ppbv	
40) 1,4-Dioxane	7.906	88	3863m	0.113	ppbv	
41) Tetrahydrofuran	6.095	42	10351m	0.098	ppbv	
42) Bromodichloromethane	7.787	83	17222m	0.072	ppbv	
43) Methyl Methacrylate	8.012	69	8083m	0.079	ppbv	
44) 2,2,4-Trimethylpentane	7.864	57	40225m	0.088	ppbv	
45) t-1,3-Dichloropropene	9.285	75	6907m	0.065	ppbv	

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Instrument :
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 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 23 07:30:04 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

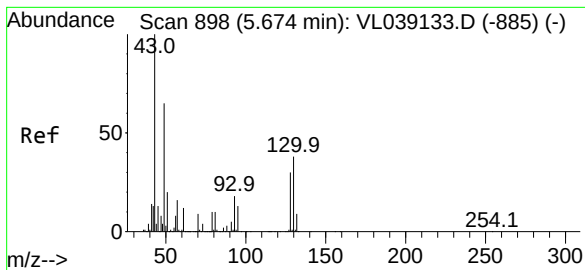
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 23 07:30:04 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

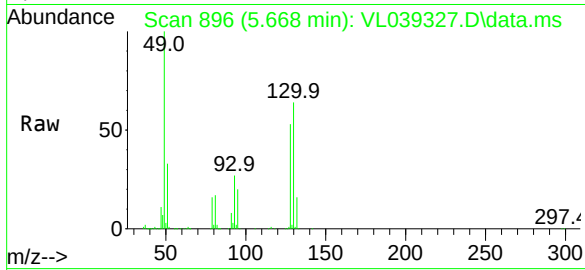
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	9560m	0.068	ppbv	
47) 1,1,2-Trichloroethane	9.475	97	11677m	0.107	ppbv	
48) Dibromochloromethane	10.291	129	13356m	0.069	ppbv	
49) Bromoform	13.031	173	9401m	0.058	ppbv	
50) 4-Methyl-2-Pentanone	8.774	43	23903m	0.091	ppbv	
51) 2-Hexanone	10.166	43	13299m	0.065	ppbv	
52) Tetrachloroethene	11.217	164	9802m	0.096	ppbv	
53) Toluene	9.796	91	24999m	0.083	ppbv	
54) 1,2-Dibromoethane	10.603	107	13893m	0.095	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.127	131	13343m	0.097	ppbv	
57) Chlorobenzene	12.137	112	25967m	0.118	ppbv	
58) Ethyl Benzene	12.706	91	33274m	0.083	ppbv	
59) m/p-Xylene	12.989	91	57544m	0.163	ppbv	
60) o-Xylene	13.684	91	25282m	0.076	ppbv	
61) Styrene	13.520	104	11396m	0.064	ppbv	
62) Isopropylbenzene	14.651	105	47569m	0.096	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.680	83	16896m	0.090	ppbv	
64) n-propylbenzene	15.555	120	9902m	0.081	ppbv	
65) tert-Butylbenzene	16.738	119	35238m	0.078	ppbv	
66) Benzyl Chloride	16.976	91	2842m	0.048	ppbv	
67) sec-Butylbenzene	17.291	105	50746m	0.082	ppbv	
69) p-Isopropyltoluene	17.642	119	38761m	0.074	ppbv	
70) n-Butylbenzene	18.555	91	34348m	0.064	ppbv	
71) 2-Chlorotoluene	15.449	91	34452m	0.091	ppbv	
72) 4-Ethyltoluene	15.831	105	29786m	0.076	ppbv	
73) 1,3,5-Trimethylbenzene	15.986	105	26571m	0.076	ppbv	
74) 1,2,4-Trimethylbenzene	16.754	105	28224m	0.072	ppbv	
75) 1,3-Dichlorobenzene	16.995	146	22552m	0.102	ppbv	
76) 1,4-Dichlorobenzene	17.124	146	23627m	0.107	ppbv	
77) 1,2-Dichlorobenzene	17.815	146	23939m	0.107	ppbv	
78) Hexachloro-1,3-Butadiene	23.365	225	20683m	0.101	ppbv	
79) Naphthalene	22.188	128	13444m	0.045	ppbv	
81) 1,2,4-Trichlorobenzene	21.915	180	11709m	0.061	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 89
Delta R.T. -0.006 min
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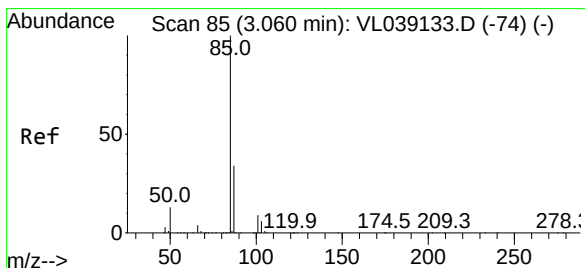
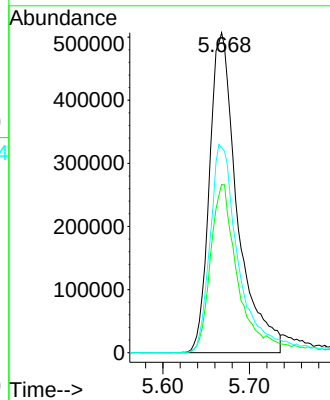
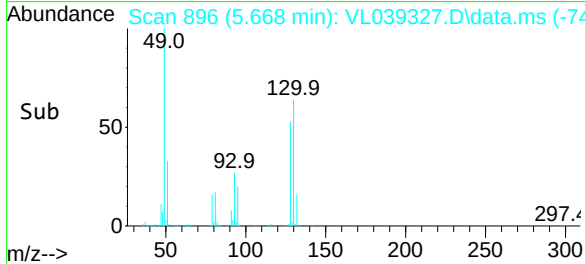
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 49 Resp: 113366
Ion Ratio Lower Upper
49 100
128 54.8 24.7 74.1
130 71.3 31.4 94.0

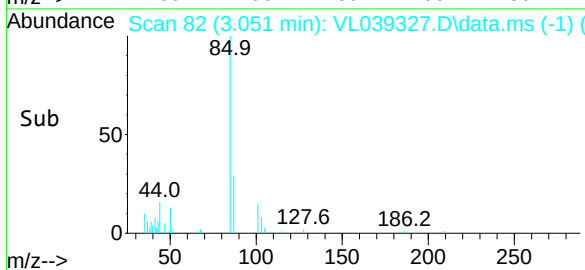
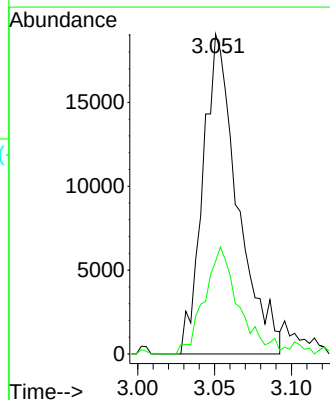
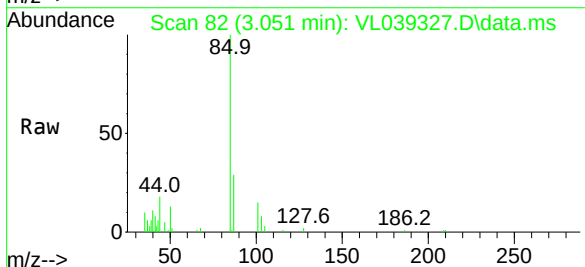
Manual Integrations
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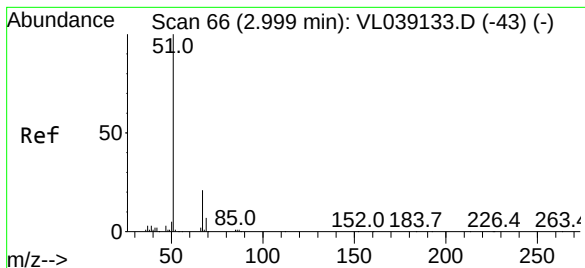
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 0.151 ppbv m
RT: 3.051 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Tgt Ion: 85 Resp: 29983
Ion Ratio Lower Upper
85 100
87 28.9 26.9 40.3





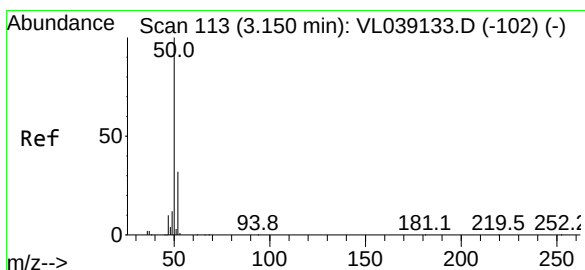
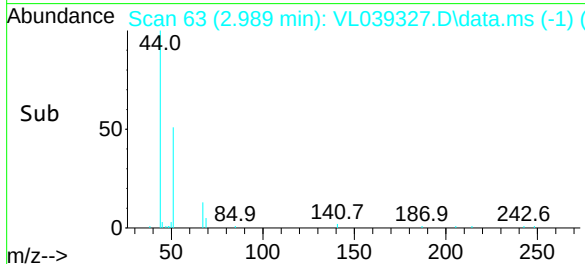
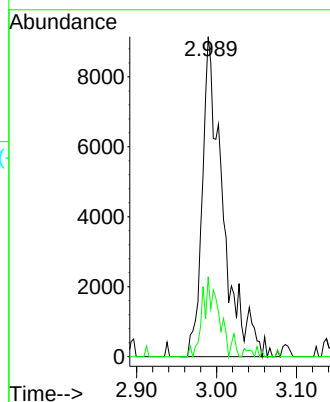
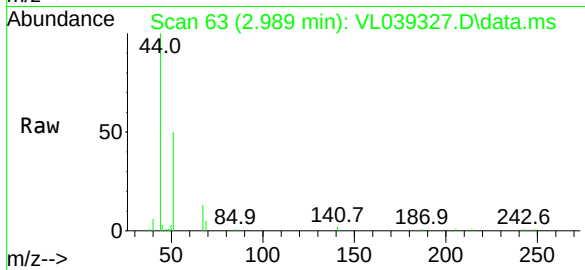
#3
Chlorodifluoromethane
Concen: 0.114 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 51 Resp: 1648
Ion Ratio Lower Upper
51 100
67 20.8 16.2 24.4

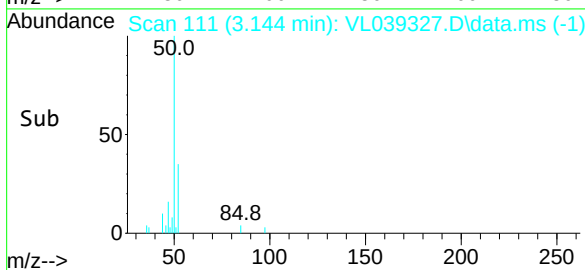
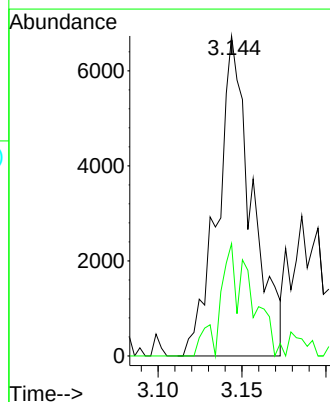
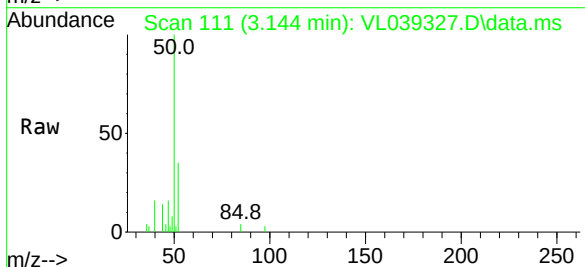
Manual Integrations
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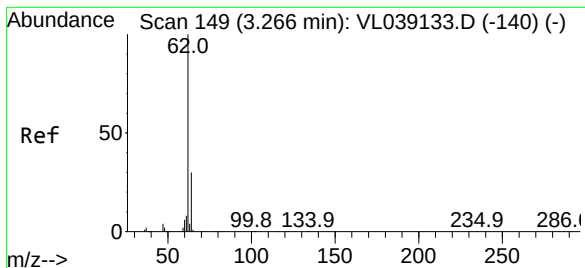
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Chloromethane
Concen: 0.129 ppbv m
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

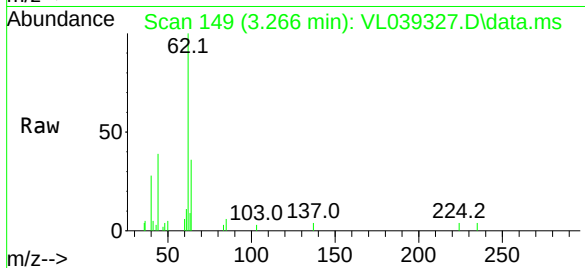
Tgt Ion: 50 Resp: 9588
Ion Ratio Lower Upper
50 100
52 35.1 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.130 ppbv m
 RT: 3.266 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

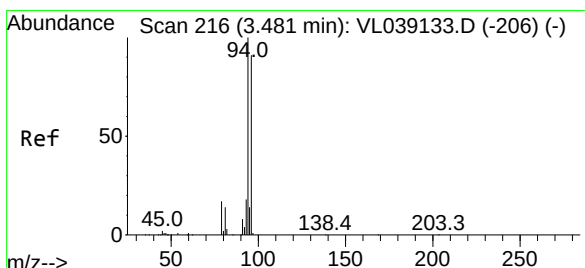
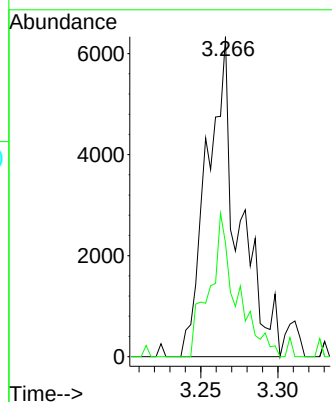
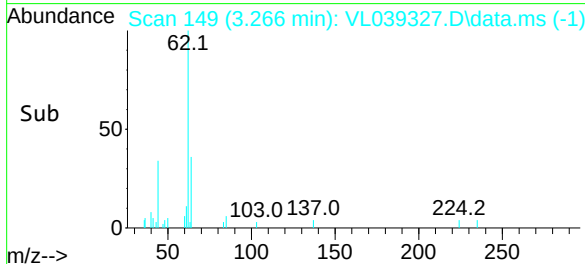
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 62 Resp: 901
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.2 36.2

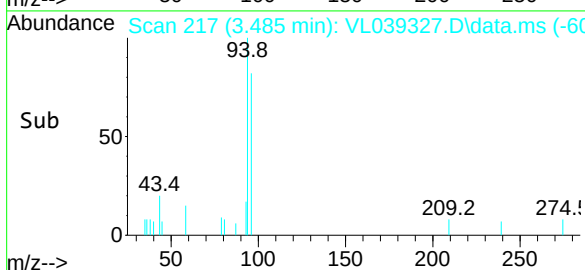
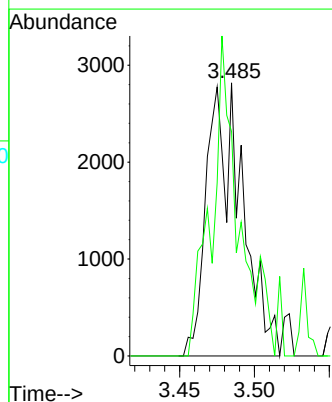
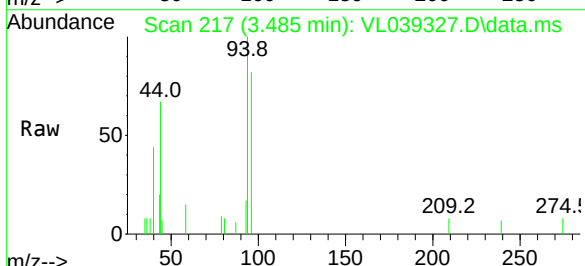
Manual Integrations
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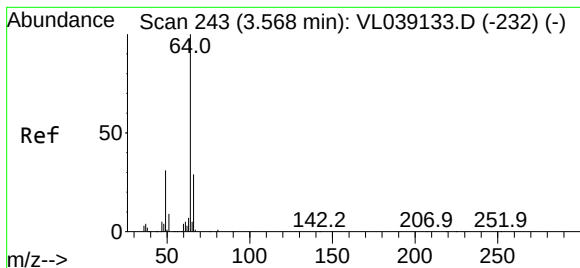
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#6
 Bromomethane
 Concen: 0.135 ppbv m
 RT: 3.485 min Scan# 217
 Delta R.T. 0.003 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

Tgt Ion: 94 Resp: 4593
 Ion Ratio Lower Upper
 94 100
 96 82.2 73.0 109.4





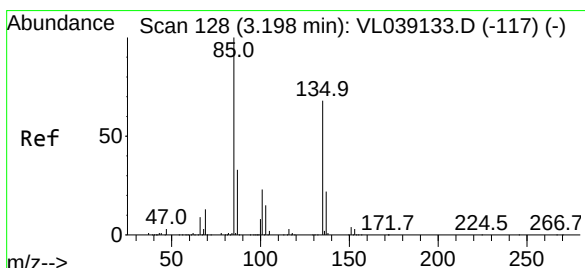
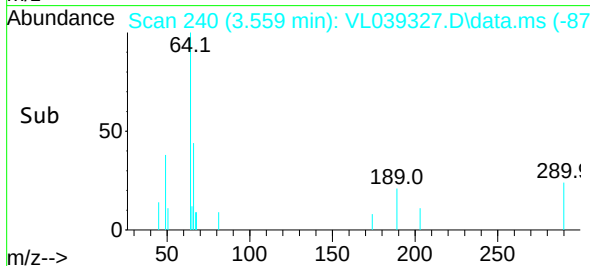
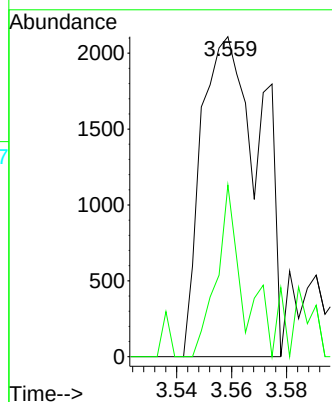
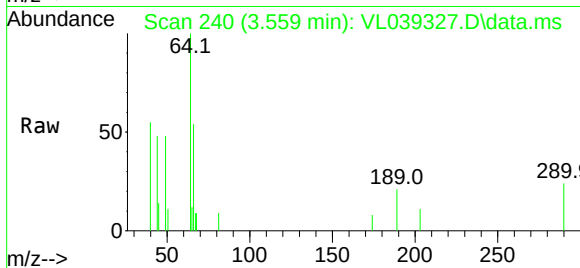
#7
Chloroethane
Concen: 0.130 ppbv m
RT: 3.559 min Scan# 243
Delta R.T. -0.009 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 53.7 23.6 35.4

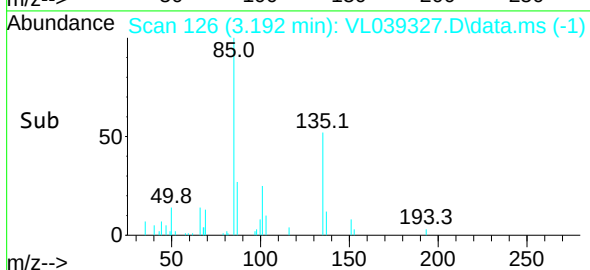
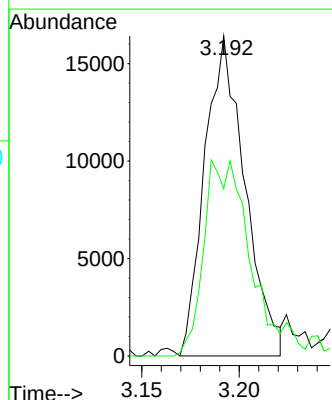
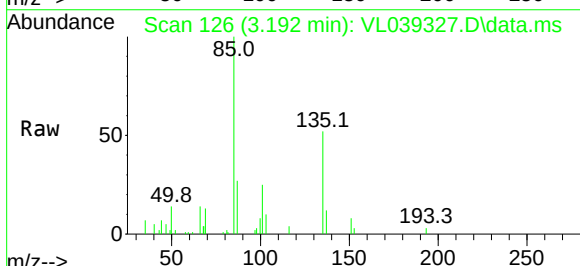
Manual Integrations
APPROVED

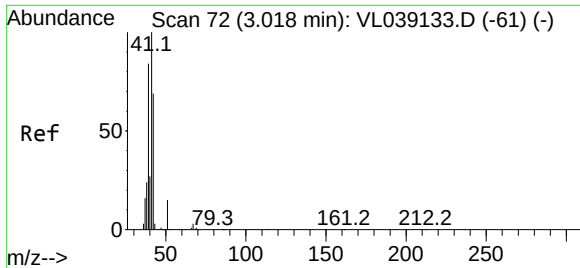
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Dichlorotetrafluoroethane
Concen: 0.130 ppbv
RT: 3.192 min Scan# 126
Delta R.T. -0.006 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

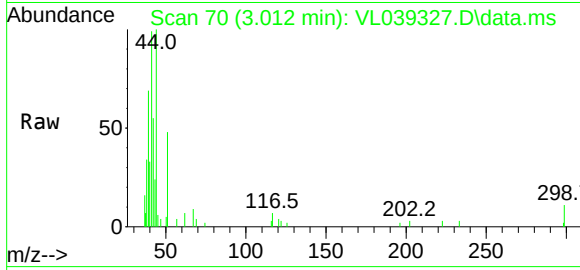
Tgt Ion: 85 Resp: 23579
Ion Ratio Lower Upper
85 100
135 74.3 55.0 82.4





#9
 Propene
 Concen: 0.220 ppbv m
 RT: 3.012 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

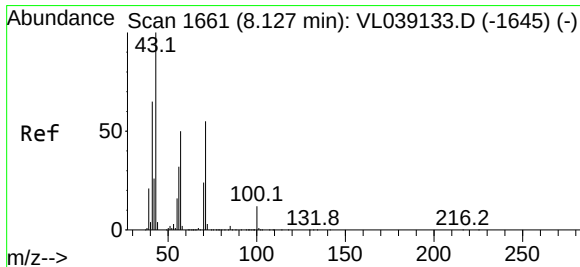
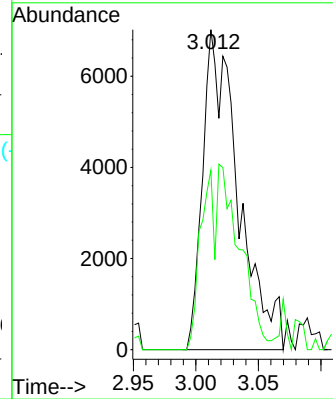
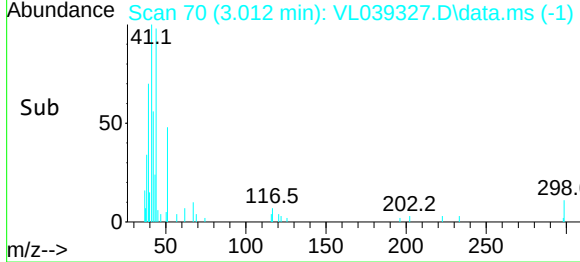
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 41 Resp: 13864
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.4 83.2

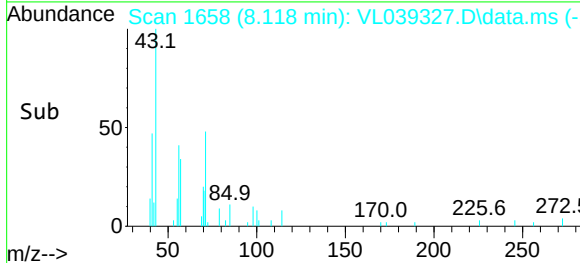
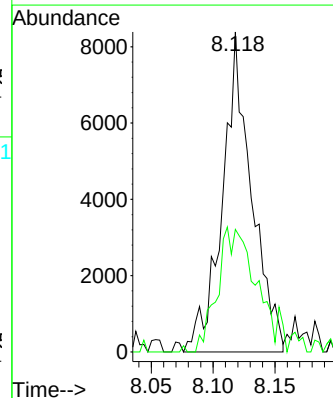
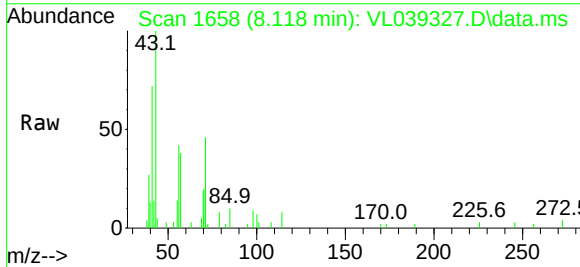
Manual Integrations
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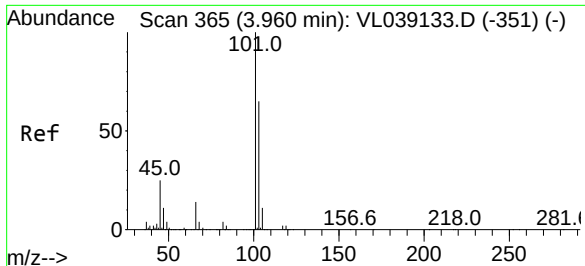
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#10
 Heptane
 Concen: 0.094 ppbv m
 RT: 8.118 min Scan# 1658
 Delta R.T. -0.009 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

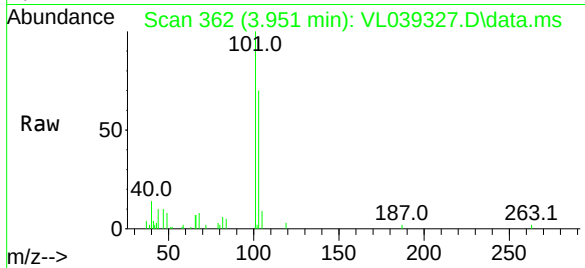
Tgt Ion: 43 Resp: 13781
 Ion Ratio Lower Upper
 43 100
 57 53.0 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.135 ppbv m
RT: 3.951 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

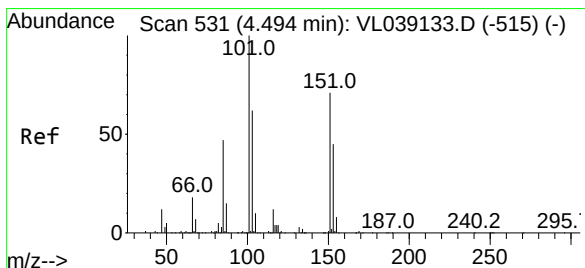
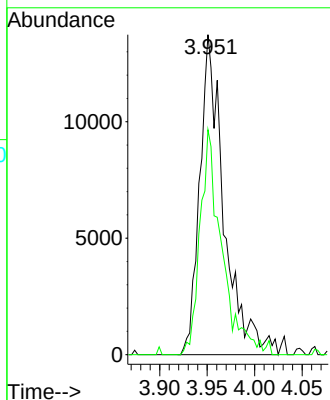
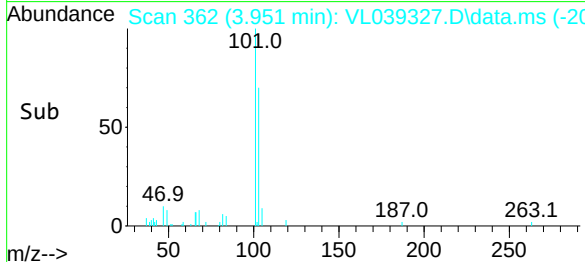
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:101 Resp: 2427
Ion Ratio Lower Upper
101 100
103 70.3 51.7 77.5

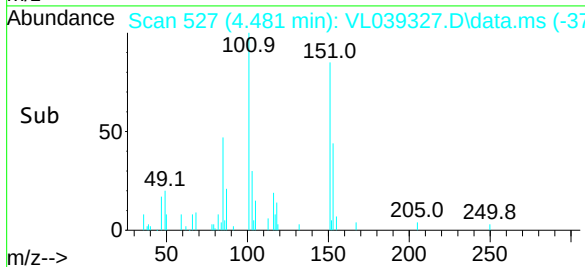
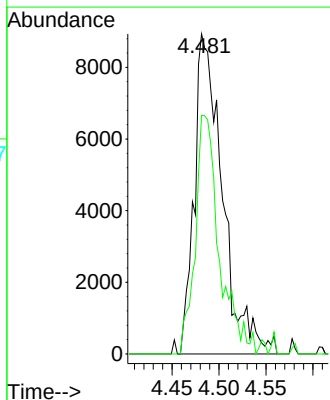
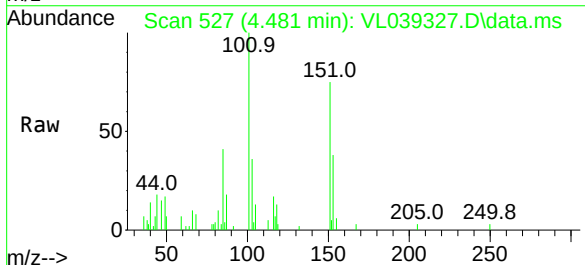
Manual Integrations APPROVED

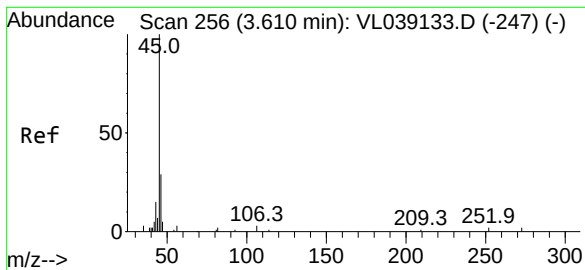
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.155 ppbv m
RT: 4.481 min Scan# 527
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

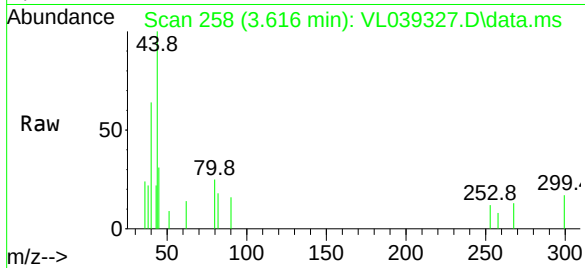
Tgt Ion:101 Resp: 18506
Ion Ratio Lower Upper
101 100
151 63.5 59.4 89.0





#13
Ethanol
Concen: 0.111 ppbv
RT: 3.616 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

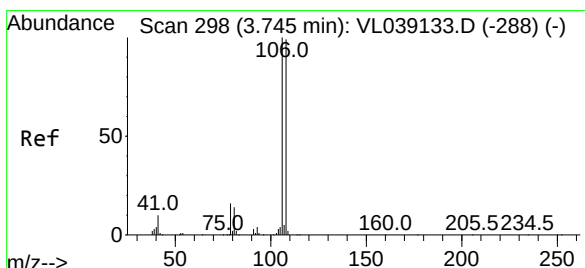
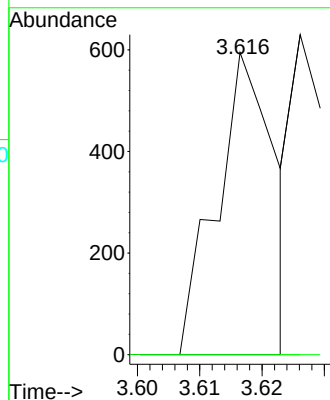
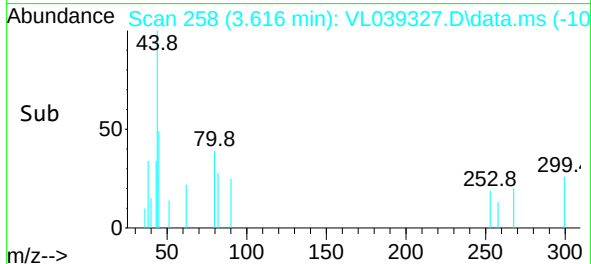
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



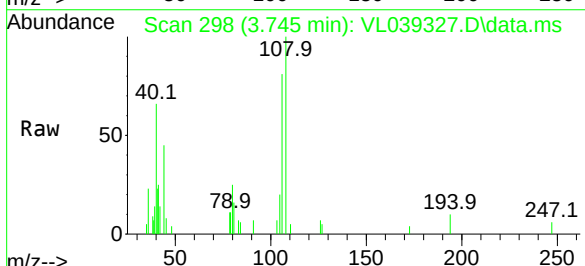
Tgt Ion: 45 Resp: 38
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

Manual Integrations
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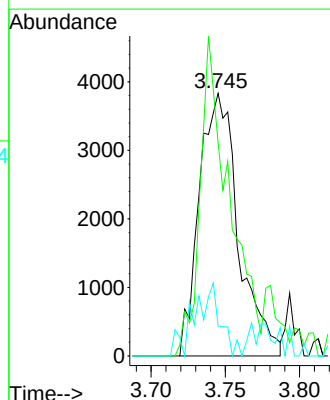
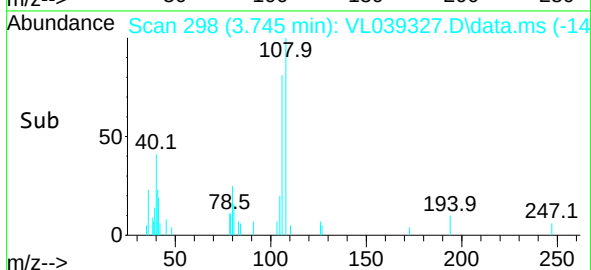
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

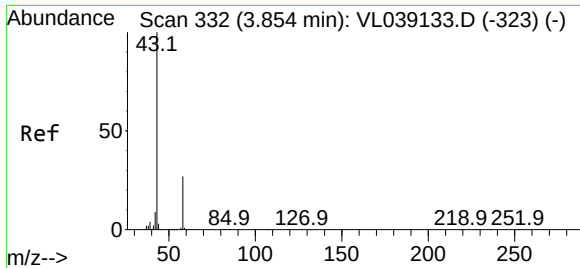


#14
Bromoethene
Concen: 0.131 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



Tgt Ion:108 Resp: 7019
Ion Ratio Lower Upper
108 100
106 106.2 88.4 132.6
79 27.0 13.4 20.2#





#15

Acetone

Concen: 0.184 ppbv m

RT: 3.883 min Scan# 341

Delta R.T. 0.029 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

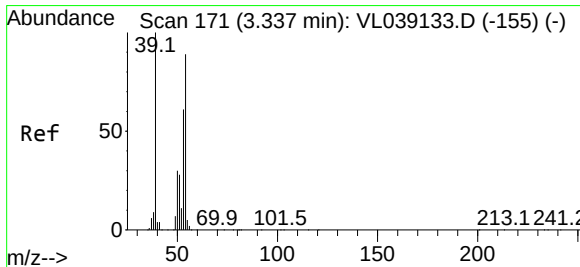
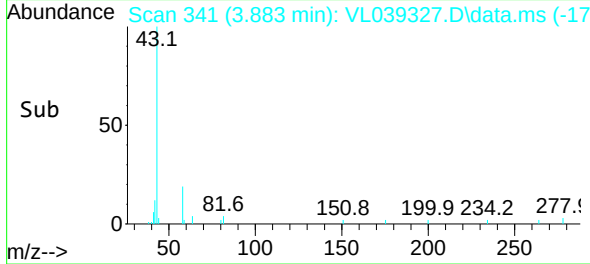
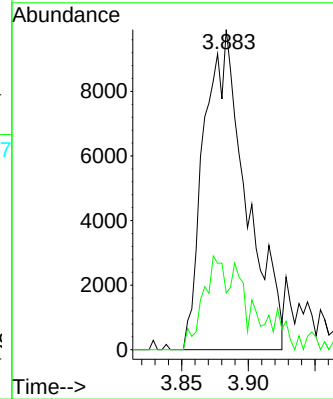
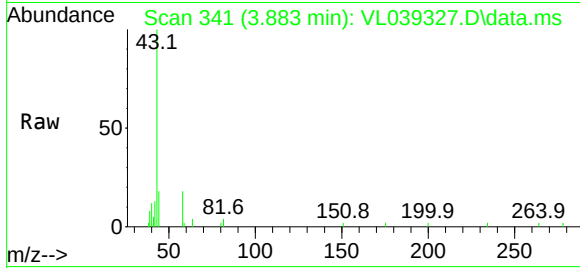
Tgt Ion: 43 Resp: 2175

Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.5	33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16

1,3-Butadiene

Concen: 0.130 ppbv m

RT: 3.334 min Scan# 170

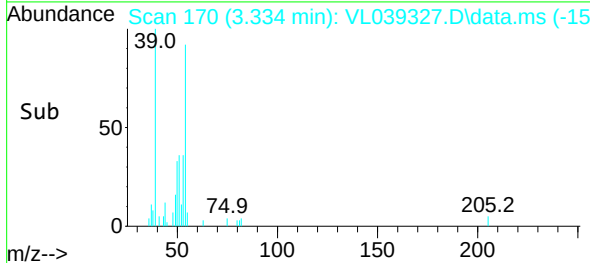
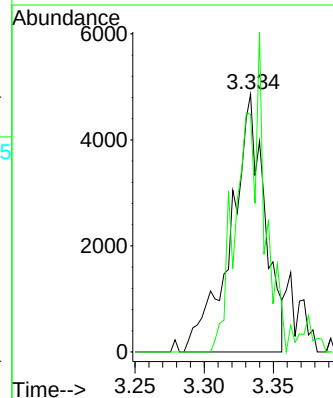
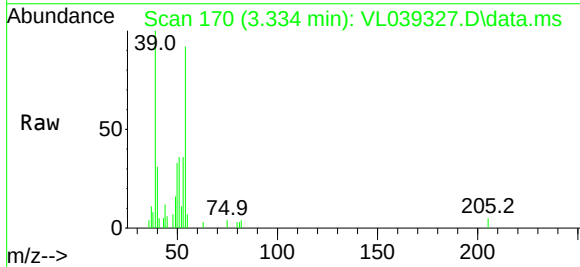
Delta R.T. -0.003 min

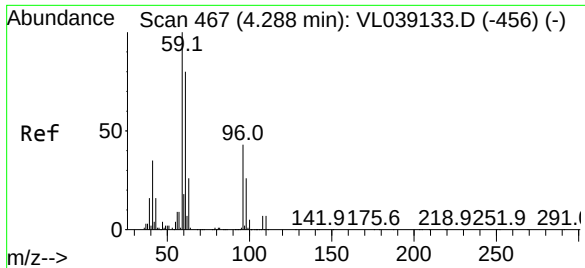
Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Tgt Ion: 39 Resp: 8261

Ion	Ratio	Lower	Upper
39	100		
54	94.9	65.8	98.6





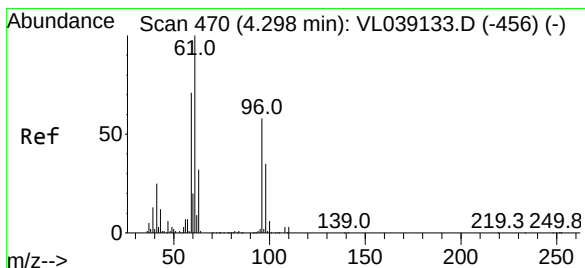
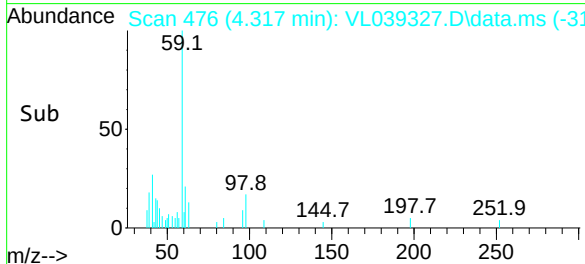
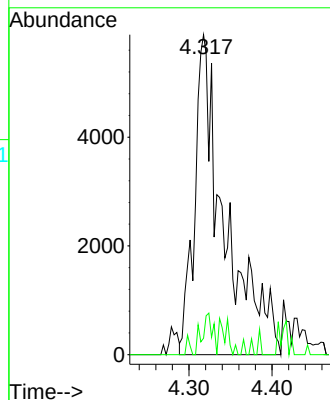
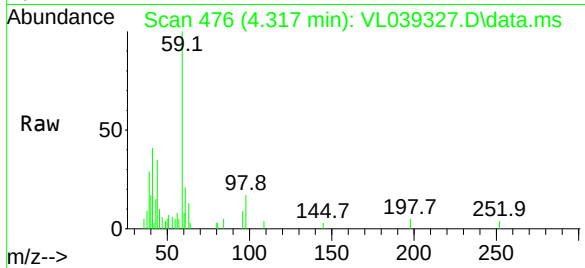
#17
tert-Butyl alcohol
Concen: 0.160 ppbv m
RT: 4.317 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 59 Resp: 14692
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.75

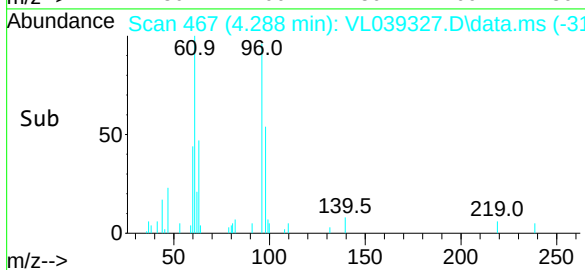
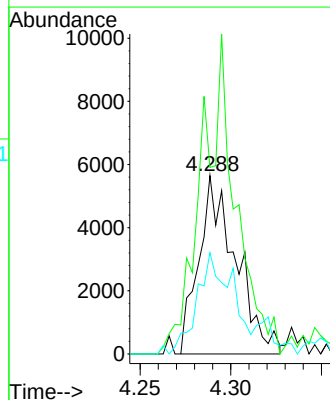
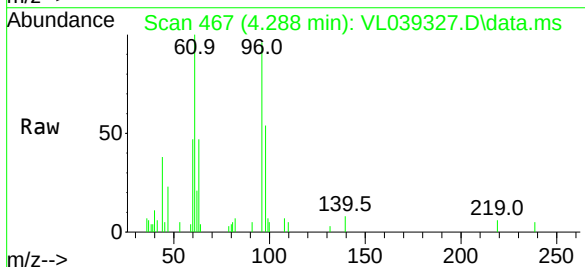
Manual Integrations
APPROVED

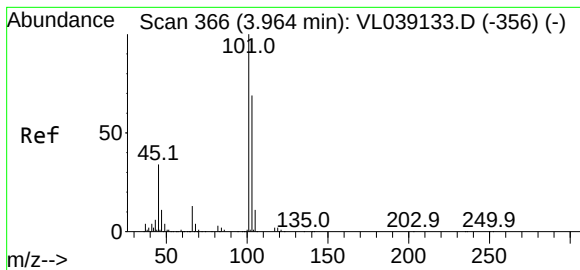
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
1,1-Dichloroethene
Concen: 0.150 ppbv m
RT: 4.288 min Scan# 467
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Tgt Ion: 96 Resp: 8001
Ion Ratio Lower Upper
96 100
61 104.6 138.4 207.6#
98 56.7 47.8 71.8





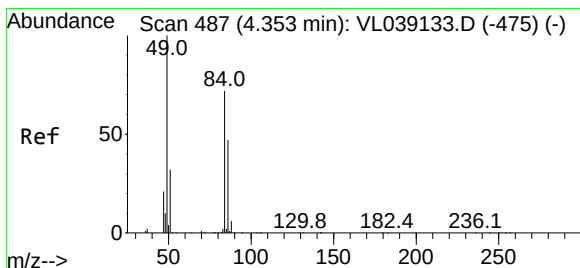
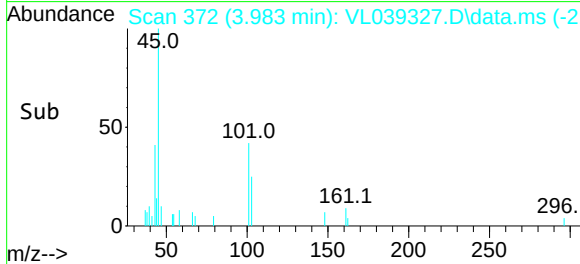
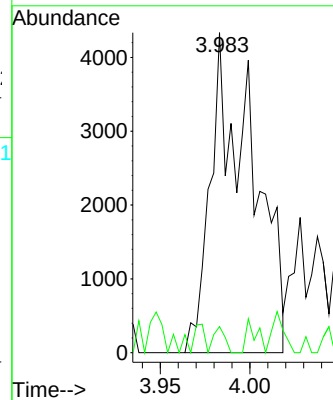
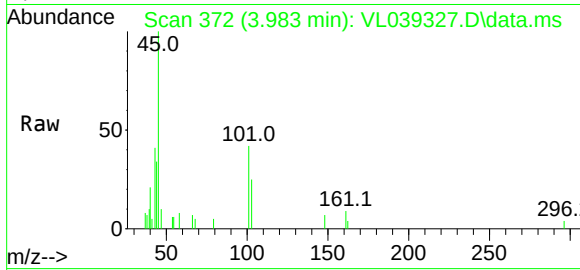
#19
Isopropyl Alcohol
Concen: 0.125 ppbv m
RT: 3.983 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 45 Resp: 694
Ion Ratio Lower Upper
45 100
58 5.0 1.8 2.8

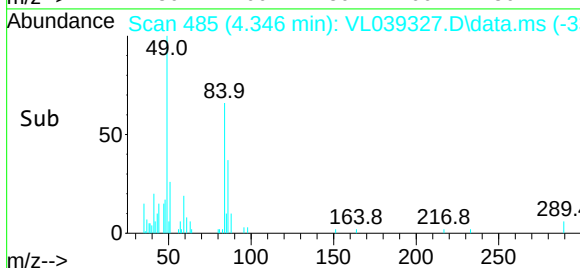
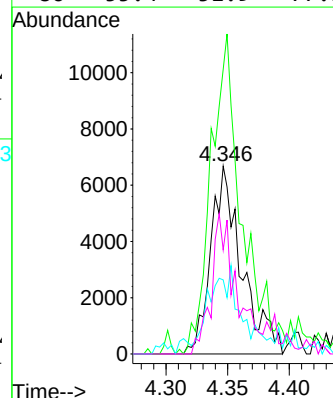
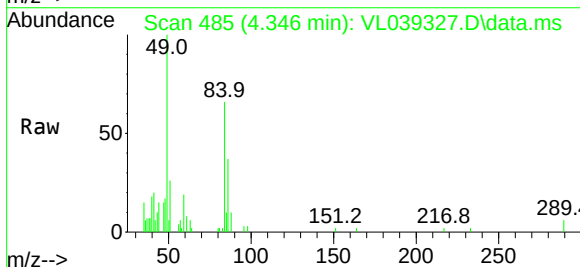
Manual Integrations
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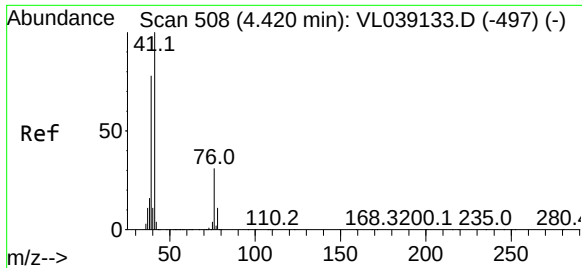
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 0.234 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. -0.006 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

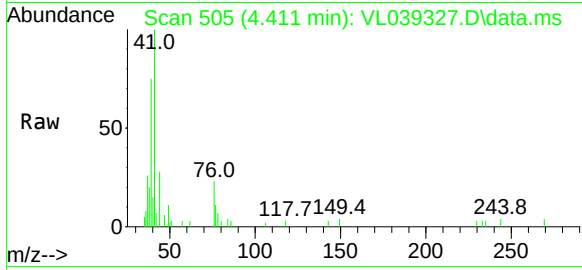
Tgt Ion: 84 Resp: 11644
Ion Ratio Lower Upper
84 100
49 151.5 111.1 166.7
51 39.5 35.3 52.9
86 55.4 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.151 ppbv m
 RT: 4.411 min Scan# 508
 Delta R.T. -0.009 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

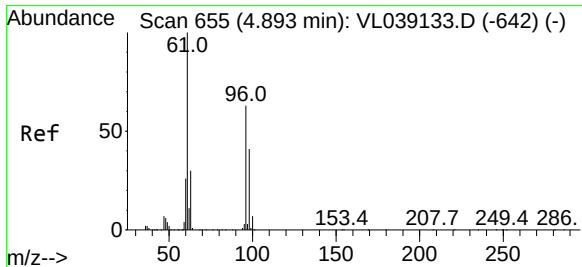
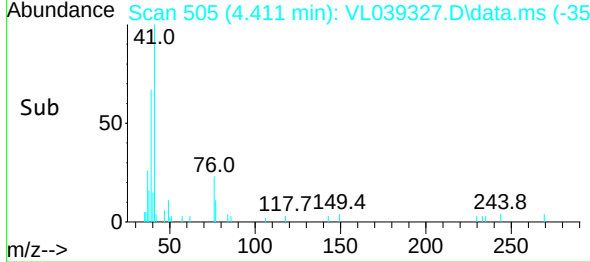
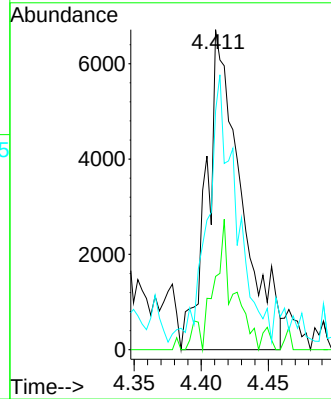
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 41 Resp: 12008
 Ion Ratio Lower Upper
 41 100
 76 26.4 24.2 36.2
 39 85.8 62.2 93.2

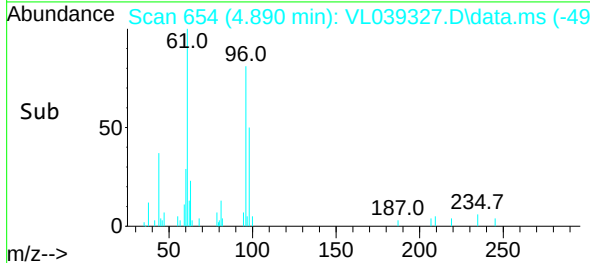
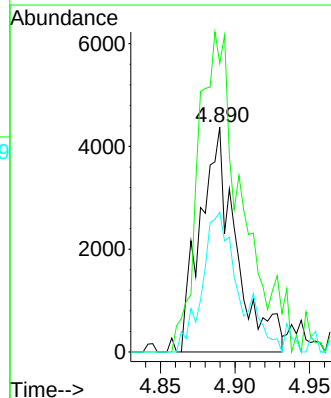
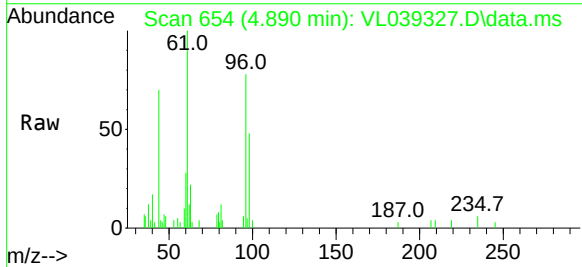
Manual Integrations
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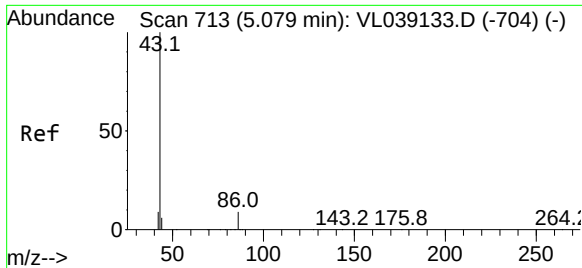
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.142 ppbv m
 RT: 4.890 min Scan# 654
 Delta R.T. -0.003 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

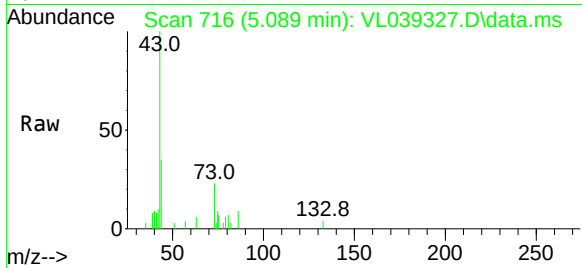
Tgt Ion: 96 Resp: 7301
 Ion Ratio Lower Upper
 96 100
 61 128.5 126.6 190.0
 98 62.1 52.5 78.7





#23
 Vinyl Acetate
 Concen: 0.127 ppbv m
 RT: 5.089 min Scan# 713
 Delta R.T. 0.010 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

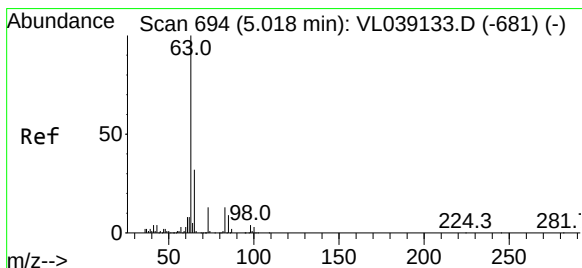
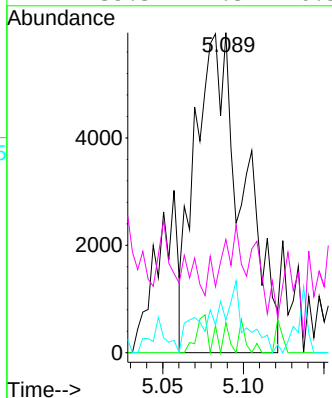
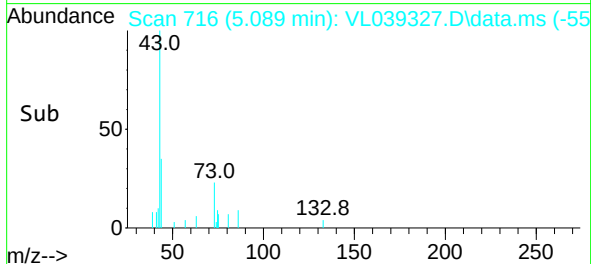
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 1239
 Ion Ratio Lower Upper
 43 100
 86 9.4 6.0 9.0
 42 10.2 8.2 12.4
 44 35.3 4.3 6.5#

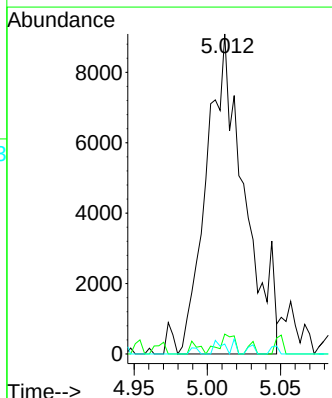
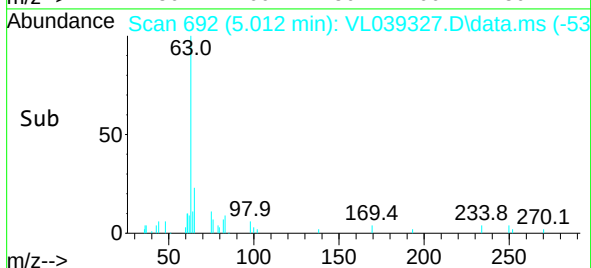
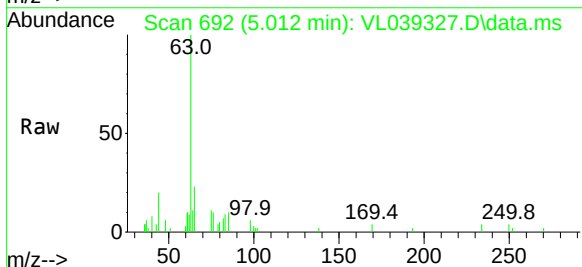
Manual Integrations
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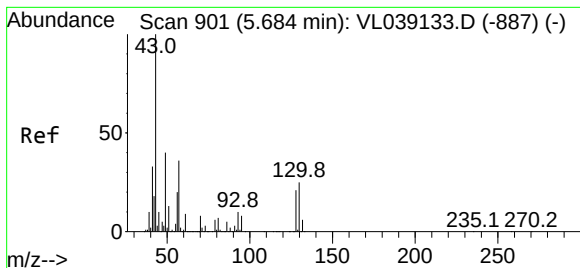
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#24
 1,1-Dichloroethane
 Concen: 0.121 ppbv m
 RT: 5.012 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

Tgt Ion: 63 Resp: 16262
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.1 6.2#
 100 3.1 1.5 4.5





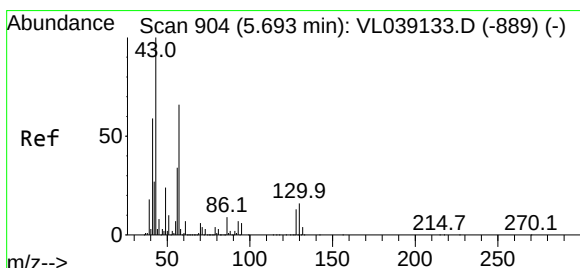
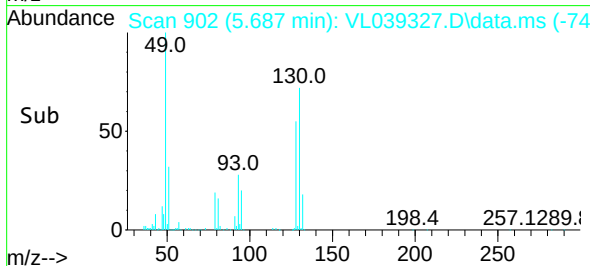
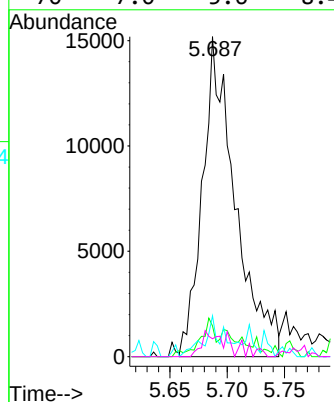
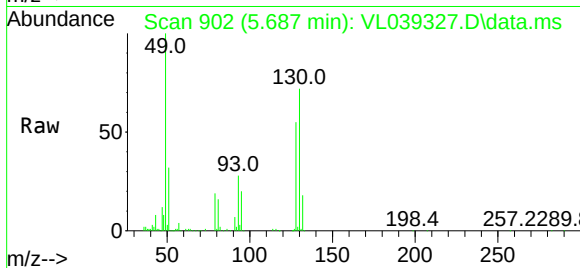
#25
Ethyl Acetate
Concen: 0.114 ppbv m
RT: 5.687 min Scan# 901
Delta R.T. 0.003 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 43	Resp: 30254
Ion Ratio	Lower Upper
43 100	
45 12.1	8.2 12.2
61 13.5	8.4 12.6
70 7.0	5.6 8.4

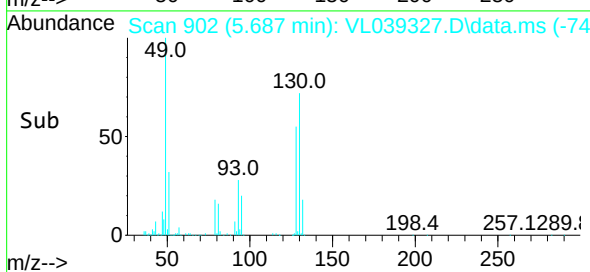
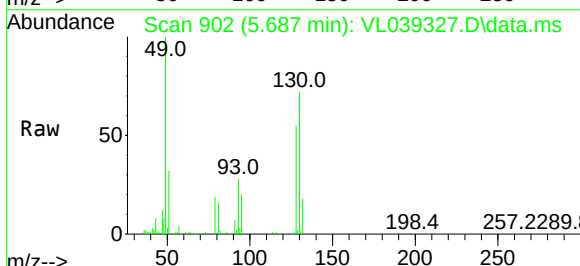
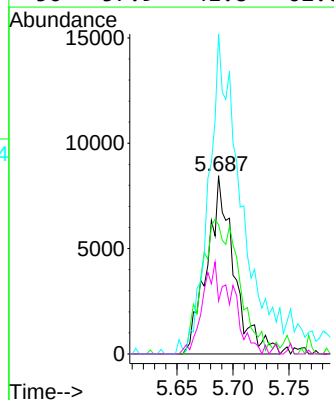
Manual Integrations
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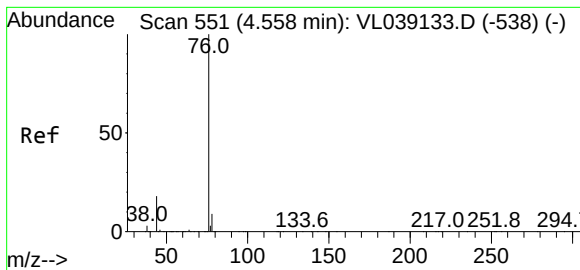
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Hexane
Concen: 0.121 ppbv m
RT: 5.687 min Scan# 902
Delta R.T. -0.006 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

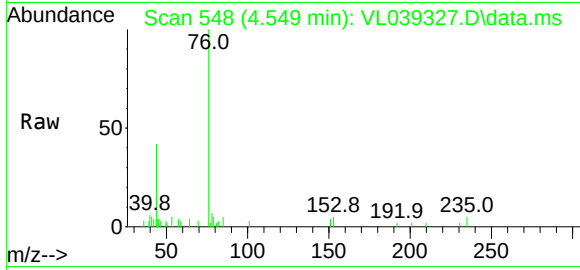
Tgt Ion: 57	Resp: 14206
Ion Ratio	Lower Upper
57 100	
41 102.5	72.4 108.6
43 244.5	187.0 280.6
56 57.9	41.8 62.6





#27
Carbon Disulfide
Concen: 0.113 ppbv m
RT: 4.549 min Scan# 549
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

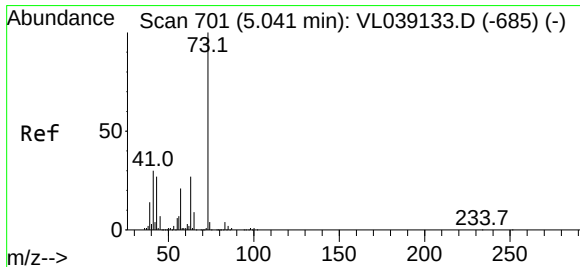
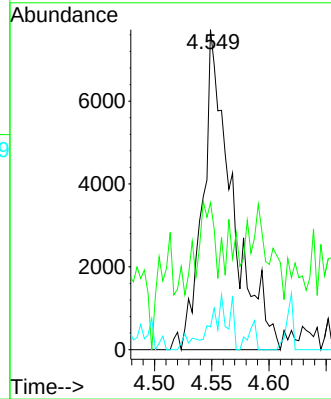
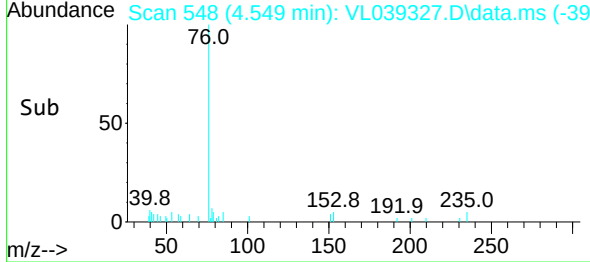
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 76 Resp: 13640
Ion Ratio Lower Upper
76 100
44 56.2 14.4 21.6
78 0.0 7.7 11.5

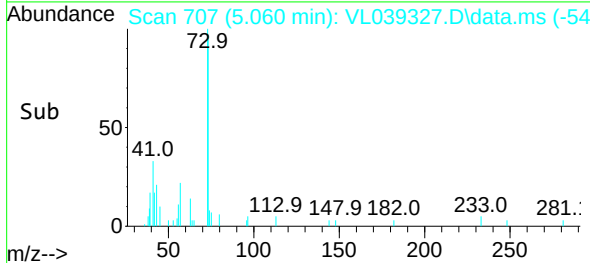
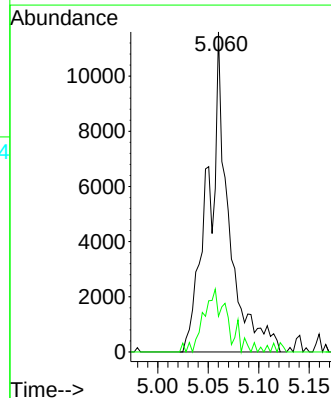
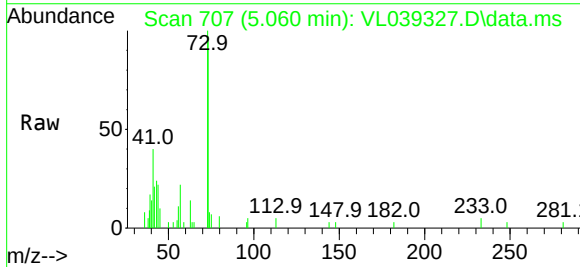
Manual Integrations
APPROVED

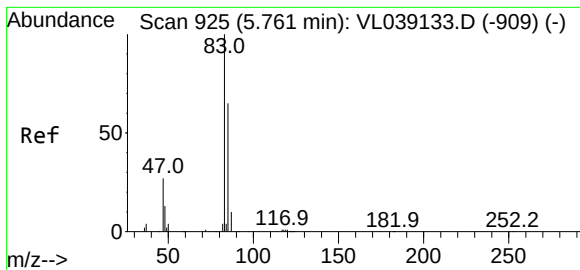
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#28
Methyl tert-Butyl Ether
Concen: 0.127 ppbv m
RT: 5.060 min Scan# 707
Delta R.T. 0.019 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

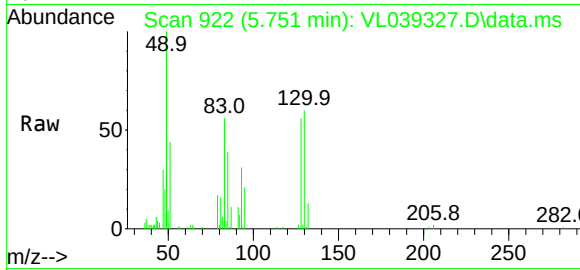
Tgt Ion: 73 Resp: 16451
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8





#29
Chloroform
Concen: 0.126 ppbv m
RT: 5.751 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

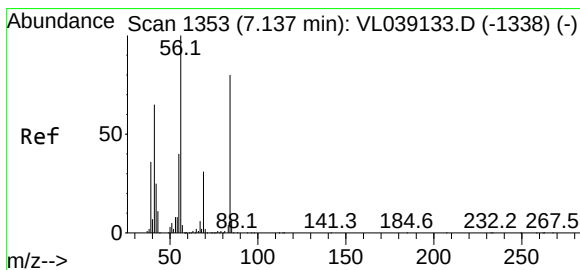
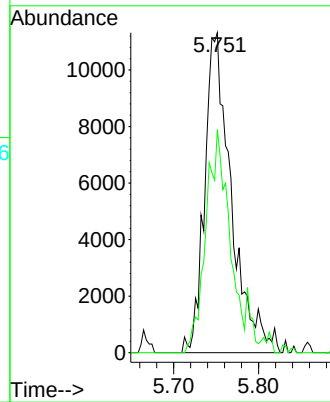
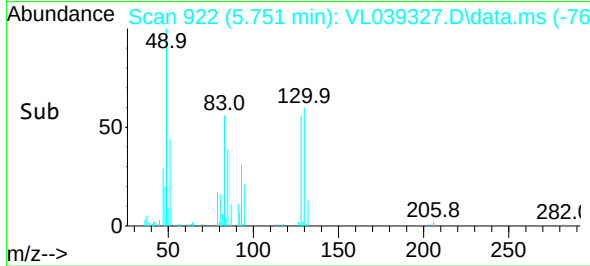
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 83 Resp: 2473
Ion Ratio Lower Upper
83 100
85 69.7 52.4 78.6

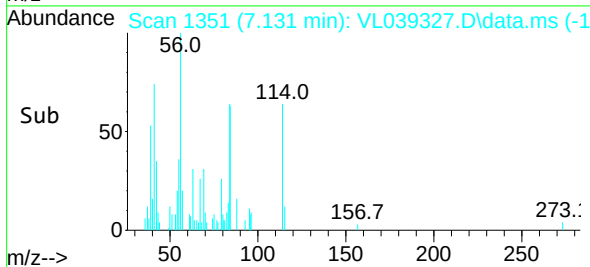
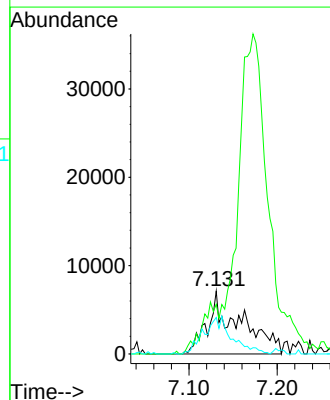
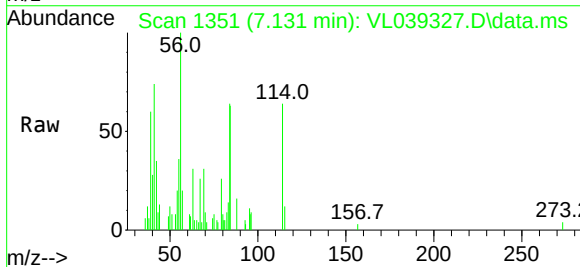
Manual Integrations
APPROVED

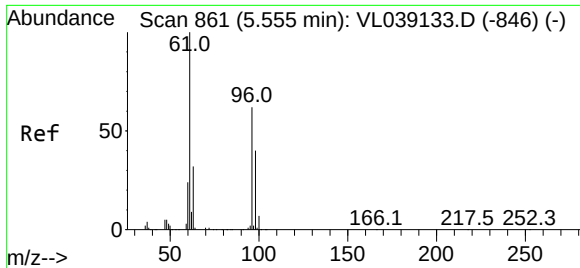
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
Cyclohexane
Concen: 0.187 ppbv m
RT: 7.131 min Scan# 1351
Delta R.T. -0.006 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

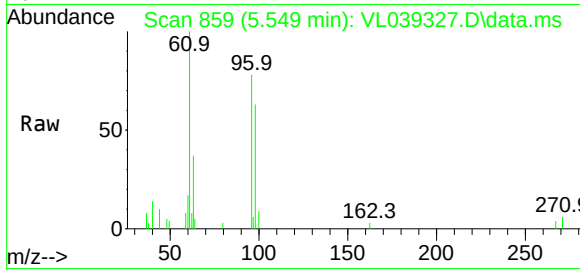
Tgt Ion: 84 Resp: 18331
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 50.8 68.9 103.3#





#31
cis-1,2-Dichloroethene
Concen: 0.109 ppbv m
RT: 5.549 min Scan# 861
Delta R.T. -0.006 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

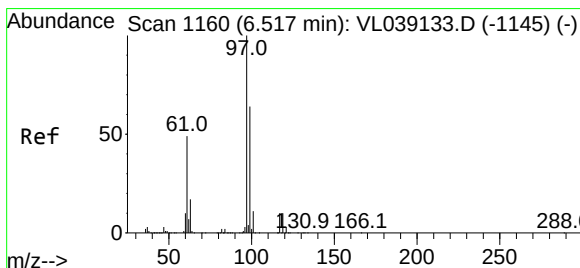
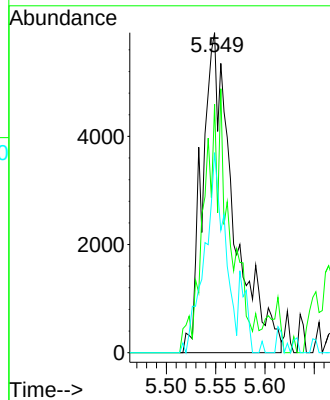
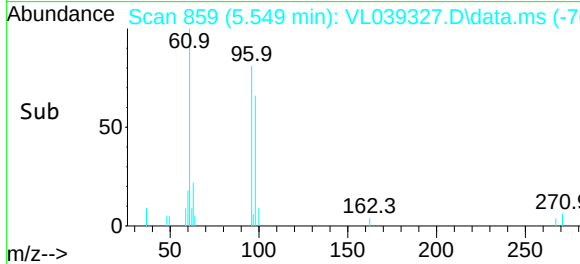
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



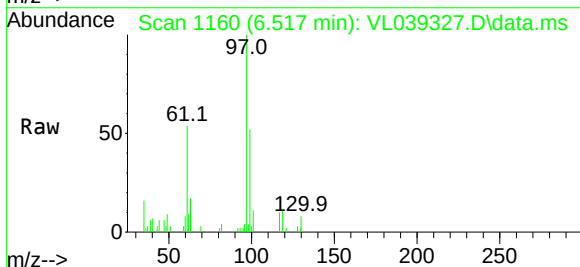
Tgt Ion: 61 Resp: 1297
Ion Ratio Lower Upper
61 100
96 77.6 49.9 74.9
98 62.5 32.0 48.0

Manual Integrations
APPROVED

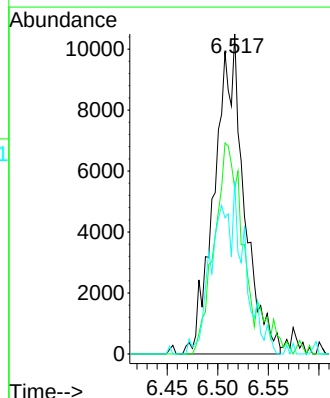
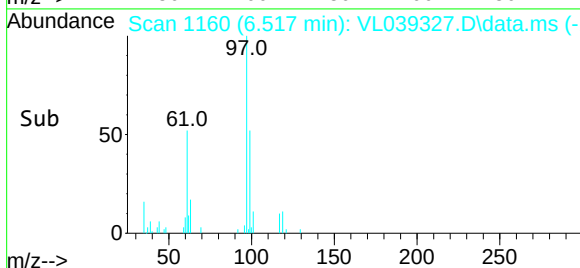
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

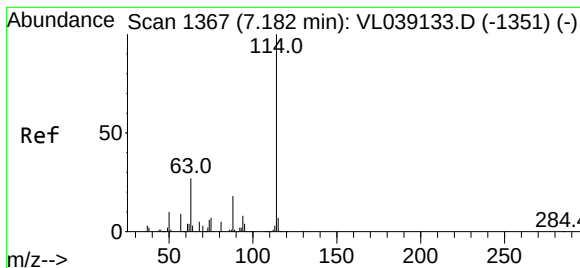


#32
1,1,1-Trichloroethane
Concen: 0.110 ppbv m
RT: 6.517 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



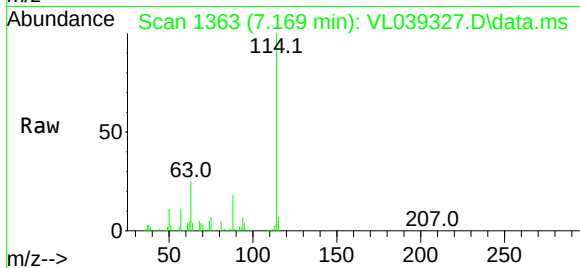
Tgt Ion: 97 Resp: 21136
Ion Ratio Lower Upper
97 100
99 70.7 52.1 78.1
61 0.0 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

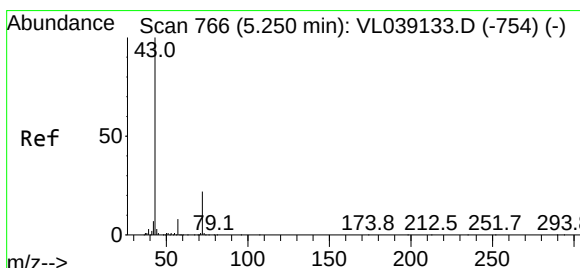
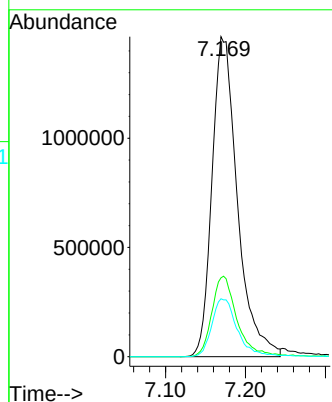
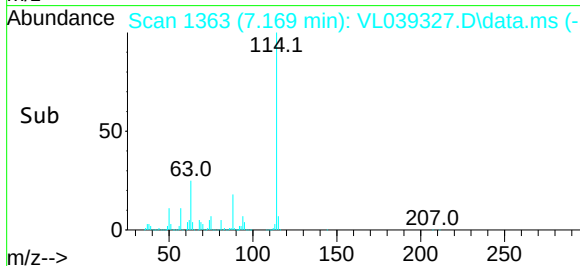
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:114 Resp: 322782
Ion Ratio Lower Upper
114 100
63 25.3 21.7 32.5
88 18.4 14.8 22.2

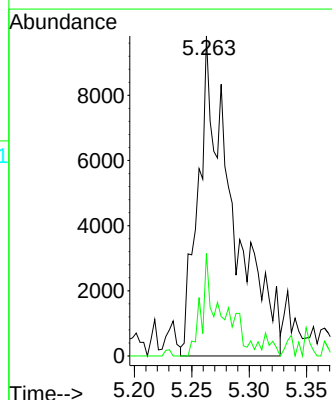
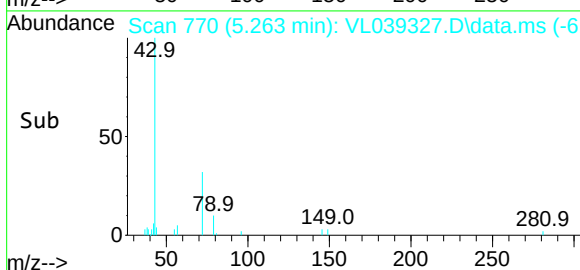
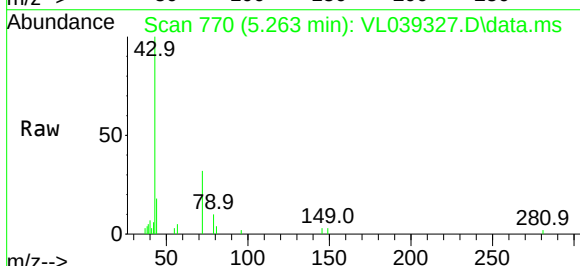
Manual Integrations
APPROVED

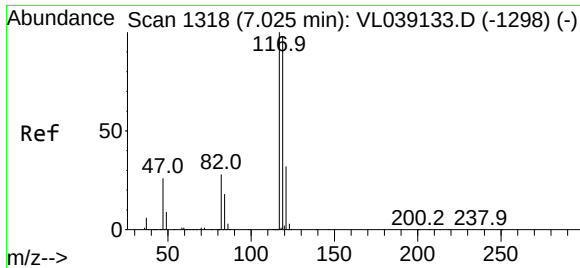
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#34
2-Butanone
Concen: 0.116 ppbv m
RT: 5.263 min Scan# 770
Delta R.T. 0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

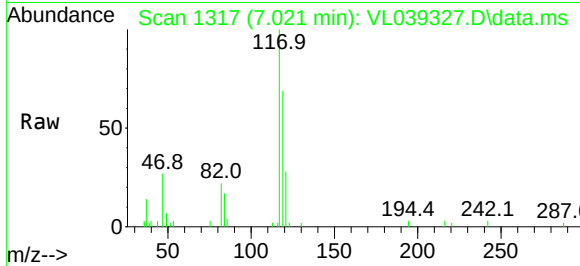
Tgt Ion: 43 Resp: 20393
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#35
Carbon Tetrachloride
Concen: 0.087 ppbv m
RT: 7.021 min Scan# 1117
Delta R.T. -0.003 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

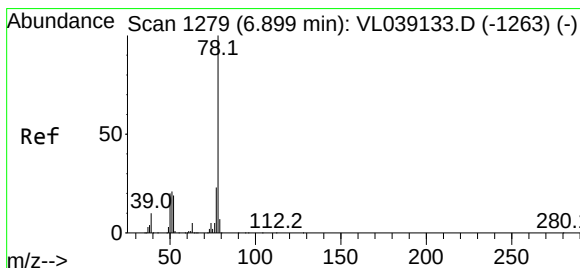
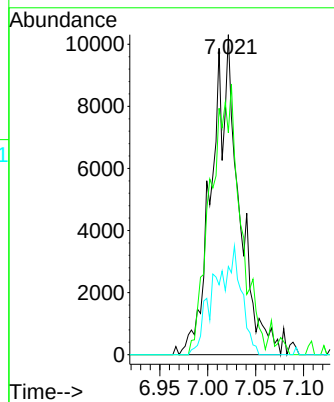
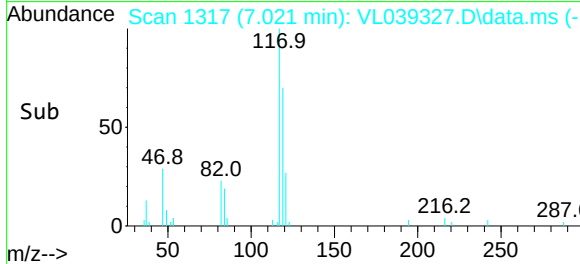
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



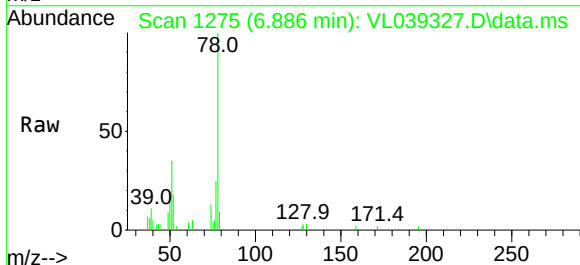
Tgt Ion: 117 Resp: 20430
Ion Ratio Lower Upper
117 100
119 69.3 78.6 118.0
121 27.6 25.4 38.0

Manual Integrations
APPROVED

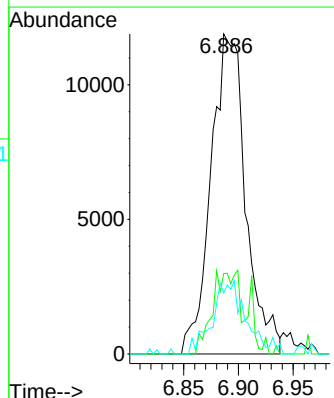
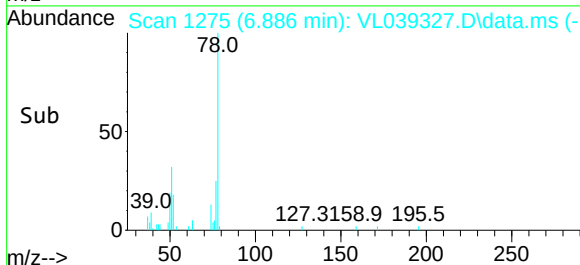
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

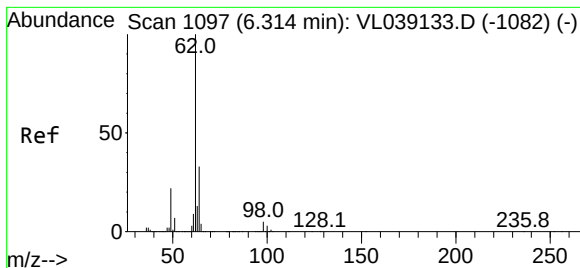


#36
Benzene
Concen: 0.100 ppbv m
RT: 6.886 min Scan# 1275
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



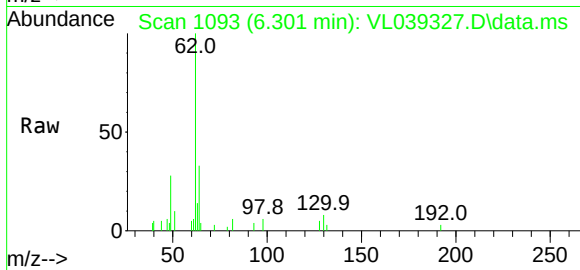
Tgt Ion: 78 Resp: 26290
Ion Ratio Lower Upper
78 100
77 25.1 18.6 27.8
50 19.2 15.8 23.8





#37
1,2-Dichloroethane
Concen: 0.096 ppbv m
RT: 6.301 min Scan# 1097
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

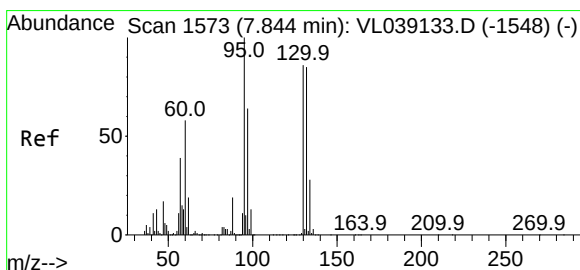
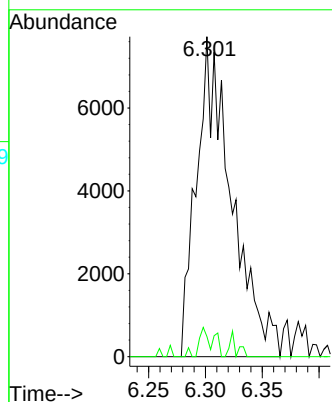
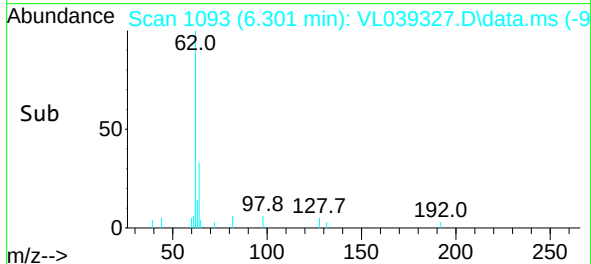
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 62 Resp: 16519
Ion Ratio Lower Upper
62 100
98 3.9 4.3 6.5

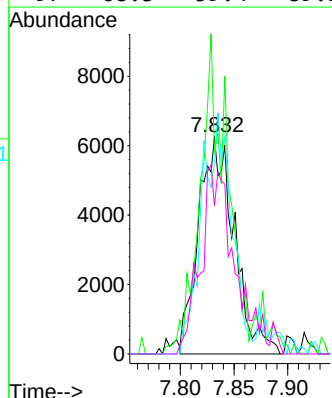
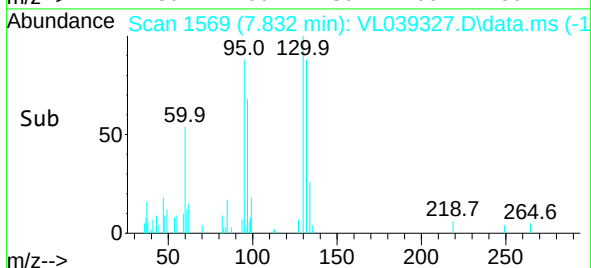
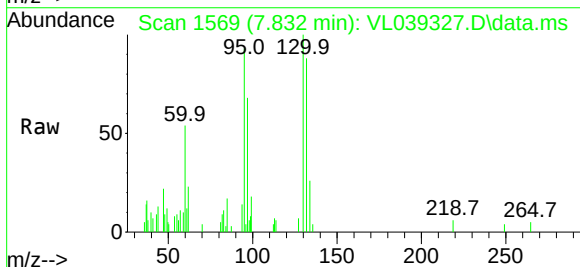
Manual Integrations
APPROVED

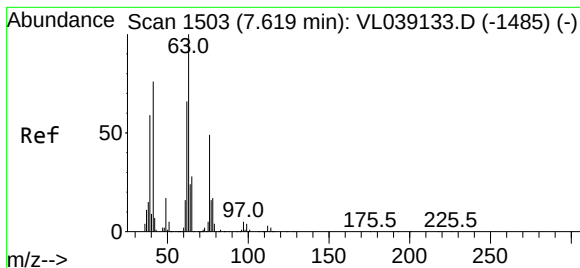
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Trichloroethene
Concen: 0.120 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

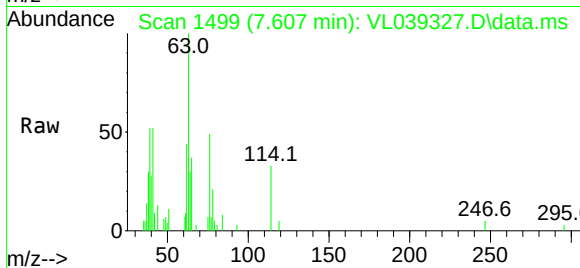
Tgt Ion:130 Resp: 14387
Ion Ratio Lower Upper
130 100
95 93.1 93.3 139.9#
132 88.3 79.0 118.4
97 68.3 59.4 89.2





#39
1,2-Dichloropropane
Concen: 0.132 ppbv m
RT: 7.607 min Scan# 1499
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

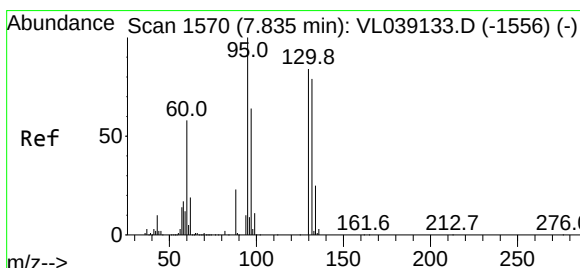
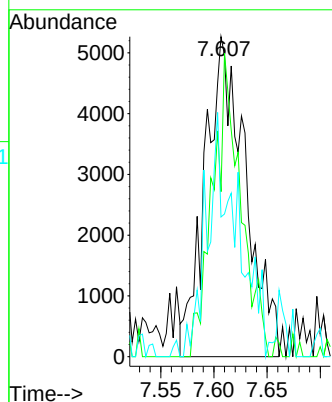
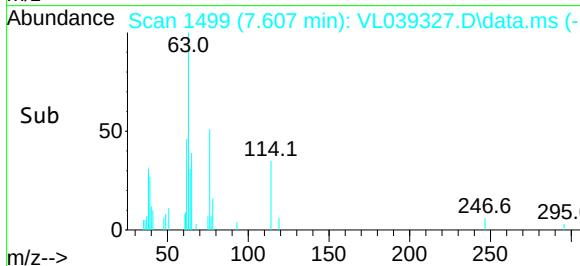
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



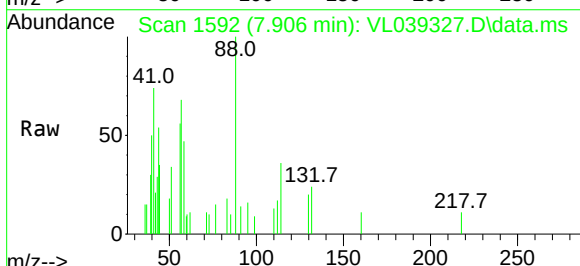
Tgt Ion: 63 Resp: 13778
Ion Ratio Lower Upper
63 100
41 51.6 60.8 91.2#
62 43.6 52.9 79.3#

Manual Integrations
APPROVED

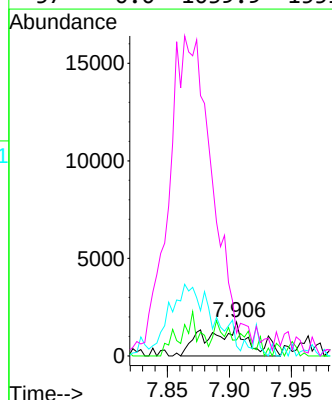
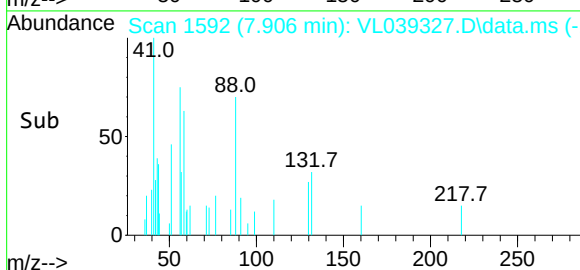
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

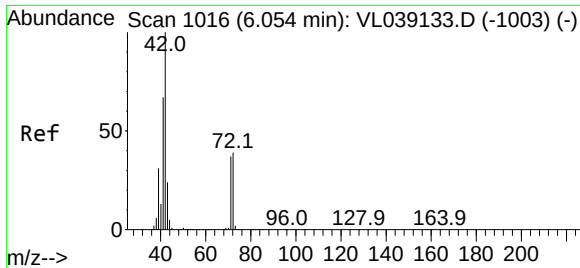


#40
1,4-Dioxane
Concen: 0.113 ppbv m
RT: 7.906 min Scan# 1592
Delta R.T. 0.071 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



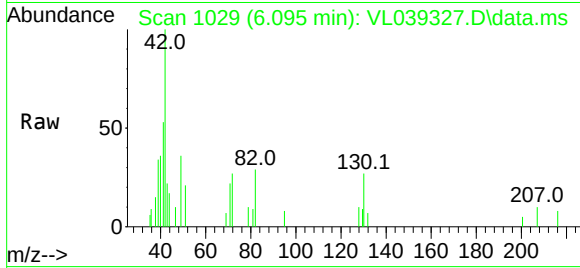
Tgt Ion: 88 Resp: 3863
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.098 ppbv m
RT: 6.095 min Scan# 1029
Delta R.T. 0.042 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

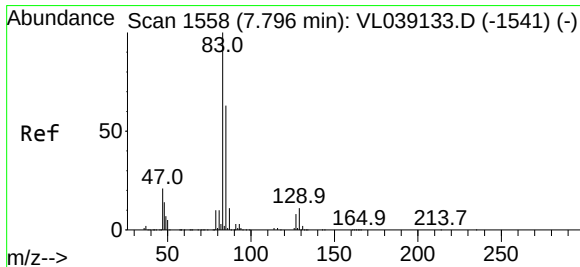
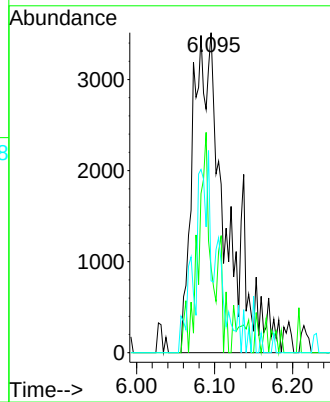
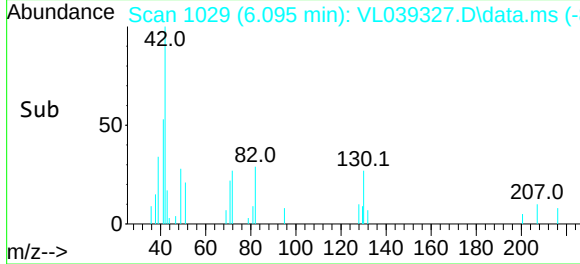
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 42 Resp: 1035
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0
71 0.0 31.1 46.7

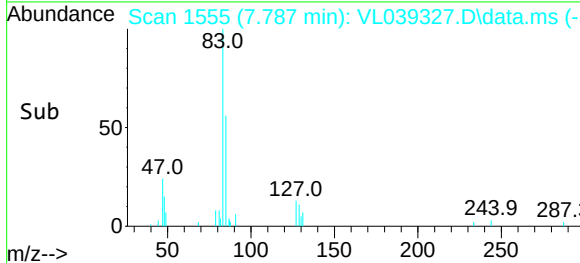
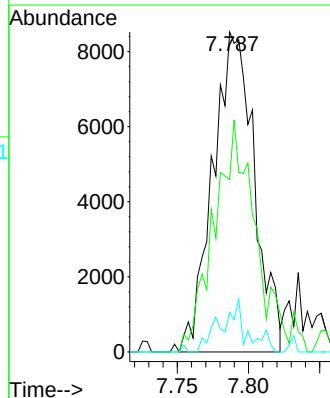
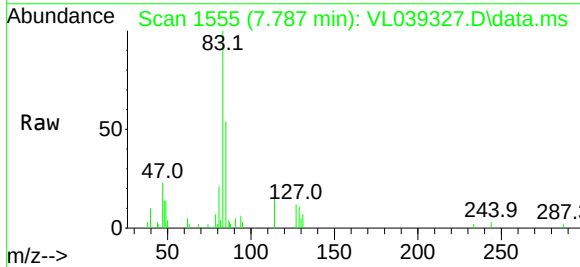
Manual Integrations
APPROVED

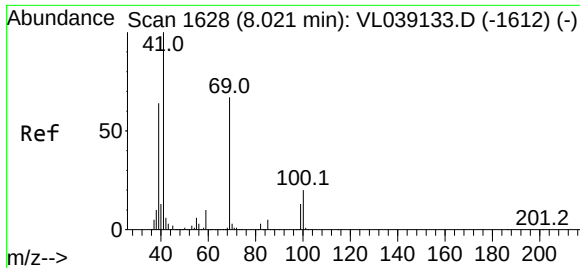
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
Bromodichloromethane
Concen: 0.072 ppbv m
RT: 7.787 min Scan# 1555
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

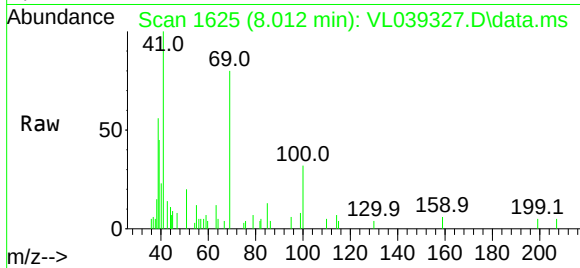
Tgt Ion: 83 Resp: 17222
Ion Ratio Lower Upper
83 100
85 53.9 50.2 75.4
127 12.4 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.079 ppbv m
RT: 8.012 min Scan# 1625
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

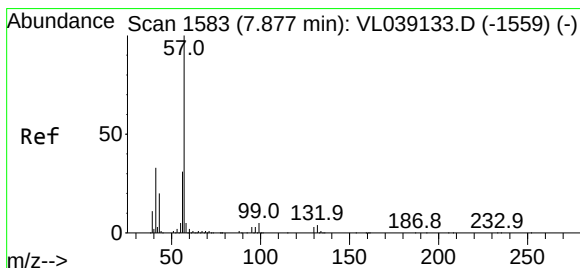
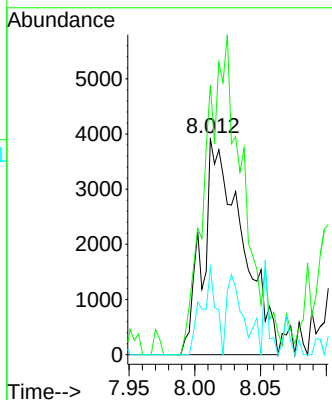
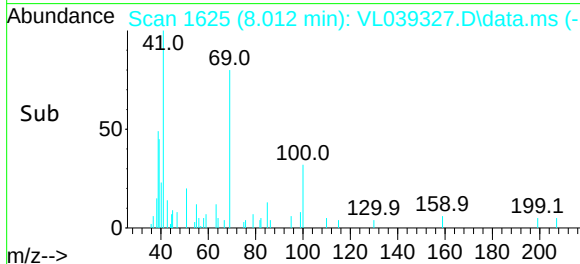
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



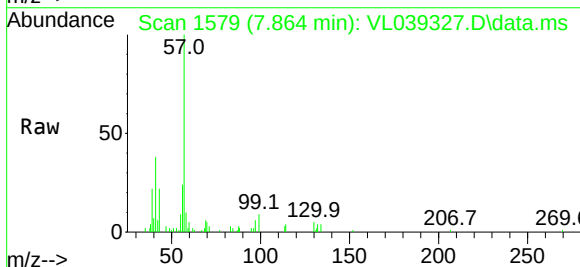
Tgt Ion: 69 Resp: 808
Ion Ratio Lower Upper
69 100
41 0.0 121.9 182.9#
100 0.0 24.1 36.1#

Manual Integrations
APPROVED

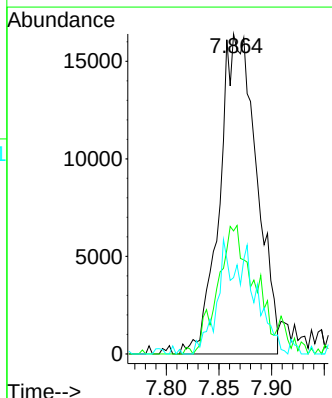
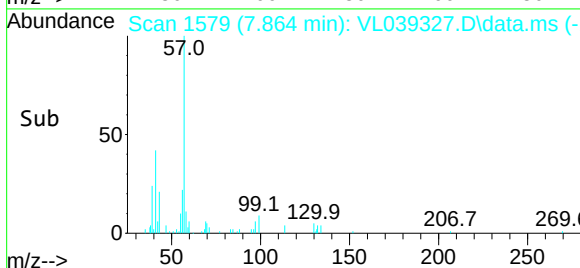
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

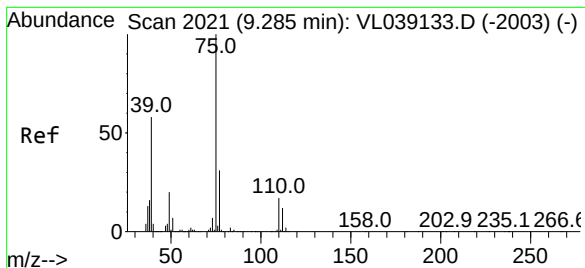


#44
2,2,4-Trimethylpentane
Concen: 0.088 ppbv m
RT: 7.864 min Scan# 1579
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



Tgt Ion: 57 Resp: 40225
Ion Ratio Lower Upper
57 100
41 43.1 26.2 39.4#
56 0.0 24.7 37.1#





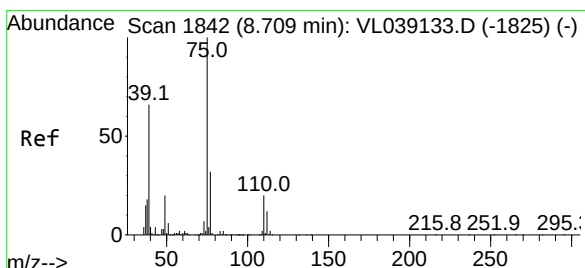
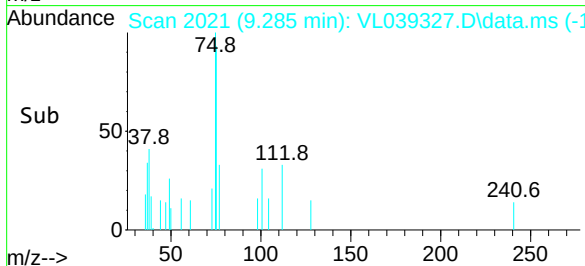
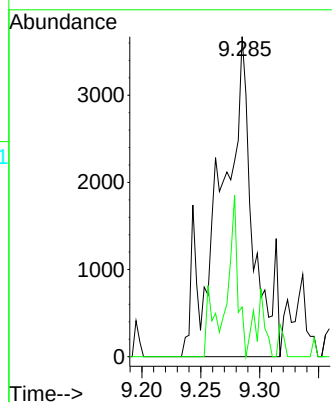
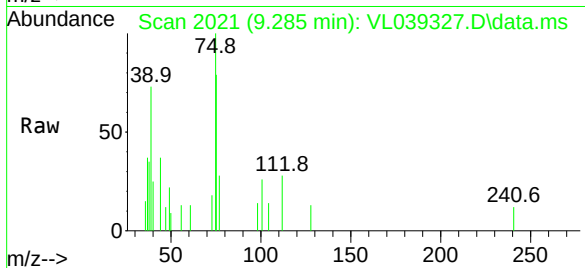
#45
t-1,3-Dichloropropene
Concen: 0.065 ppbv m
RT: 9.285 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 75 Resp: 690
Ion Ratio Lower Upper
75 100
77 27.9 24.4 36.6

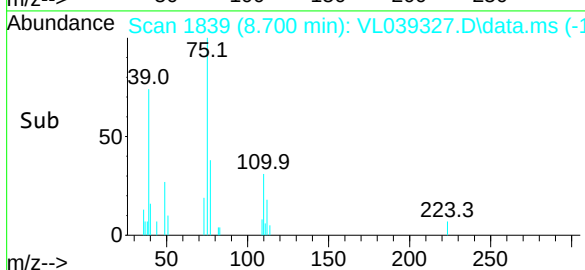
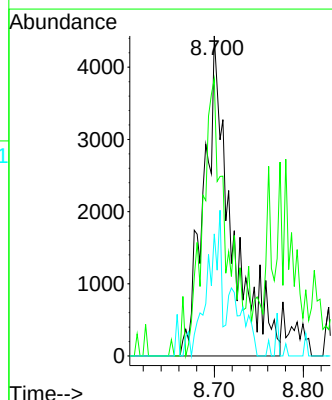
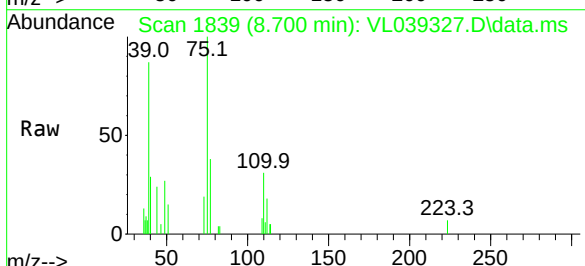
Manual Integrations
APPROVED

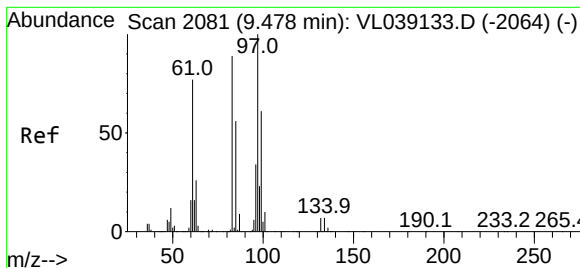
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#46
cis-1,3-Dichloropropene
Concen: 0.068 ppbv m
RT: 8.700 min Scan# 1839
Delta R.T. -0.009 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Tgt Ion: 75 Resp: 9560
Ion Ratio Lower Upper
75 100
39 86.6 52.4 78.6#
77 38.1 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 0.107 ppbv m

RT: 9.475 min Scan# 2081

Delta R.T. -0.003 min

Lab File: VL039327.D

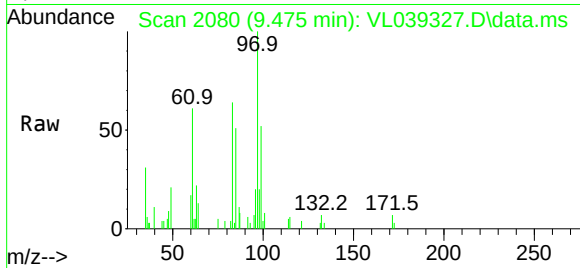
Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 97 Resp: 1167

Ion Ratio Lower Upper

97 100

83 64.4 71.6 107.4

85 51.0 44.8 67.2

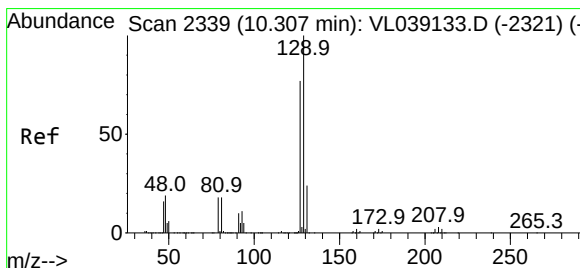
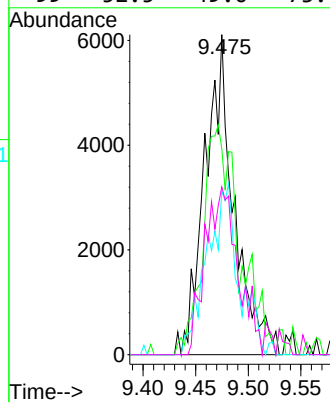
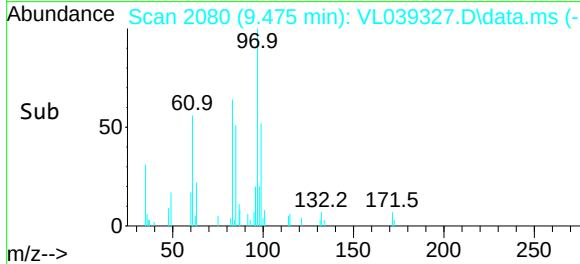
99 52.5 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#48

Dibromochloromethane

Concen: 0.069 ppbv m

RT: 10.291 min Scan# 2334

Delta R.T. -0.016 min

Lab File: VL039327.D

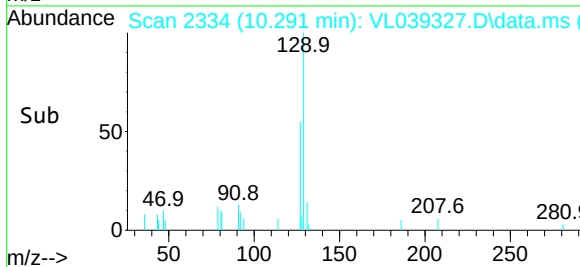
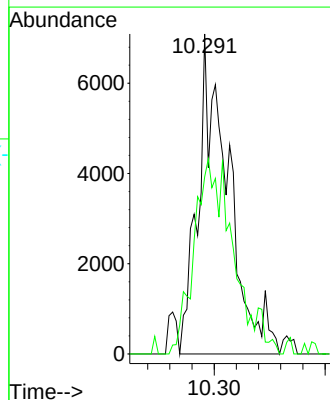
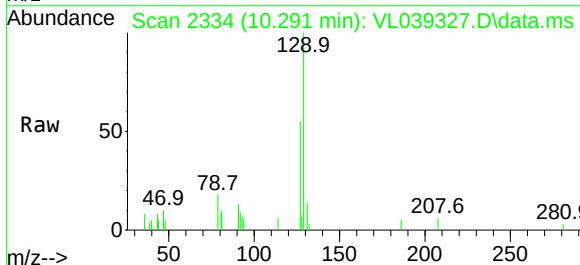
Acq: 22 Jun 2022 19:35

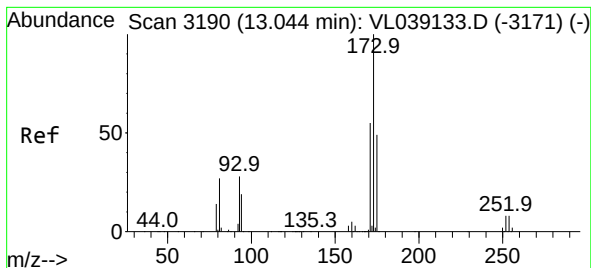
Tgt Ion:129 Resp: 13356

Ion Ratio Lower Upper

129 100

127 80.2 40.0 119.9





#49

Bromoform

Concen: 0.058 ppbv m

RT: 13.031 min Scan# 3190

Delta R.T. -0.013 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

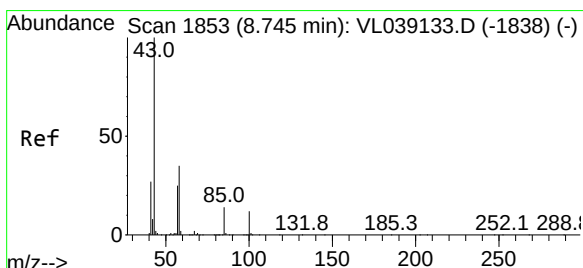
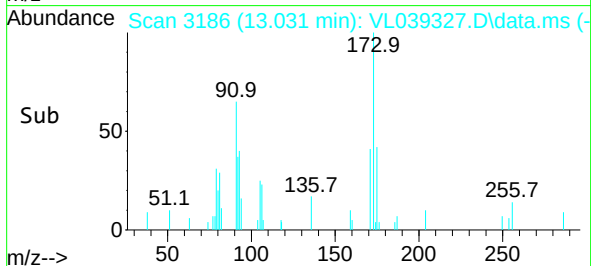
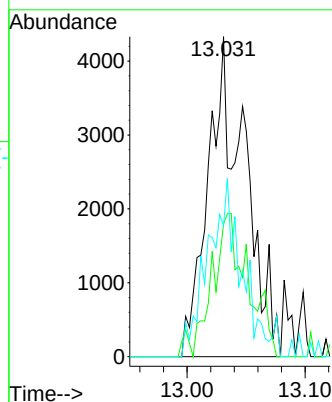
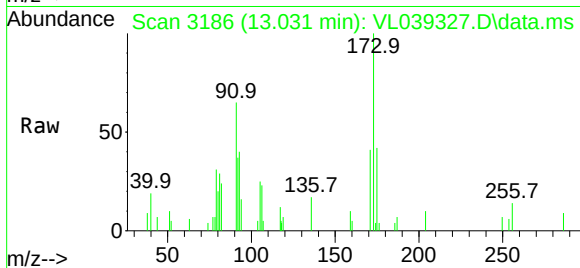
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	173	Resp:	940
Ion Ratio	Lower	Upper	
173	100		
175	0.0	40.2	60.2
171	0.0	43.9	65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#50

4-Methyl-2-Pentanone

Concen: 0.091 ppbv m

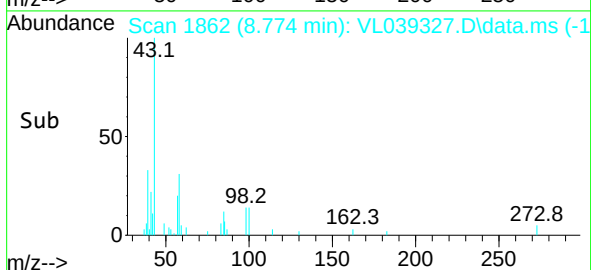
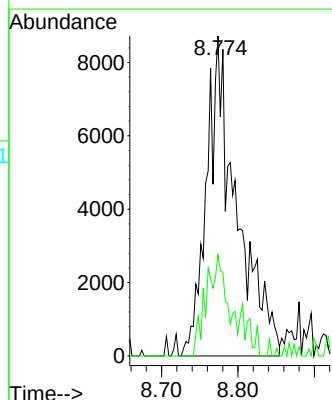
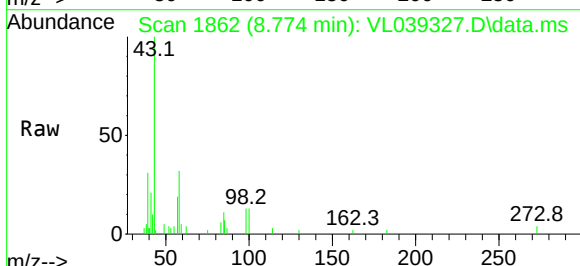
RT: 8.774 min Scan# 1862

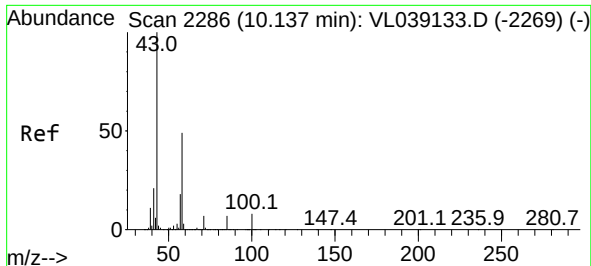
Delta R.T. 0.029 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

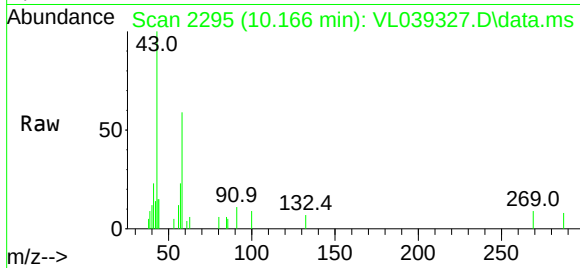
Tgt Ion:	43	Resp:	23903
Ion Ratio	Lower	Upper	
43	100		
58	0.0	28.7	43.1





#51
2-Hexanone
Concen: 0.065 ppbv m
RT: 10.166 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

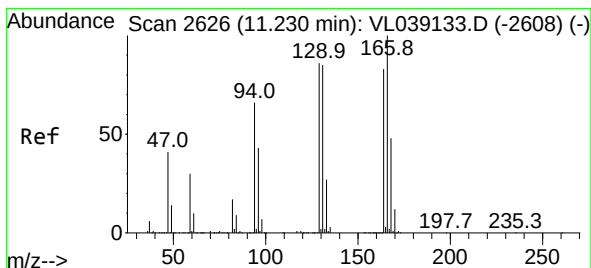
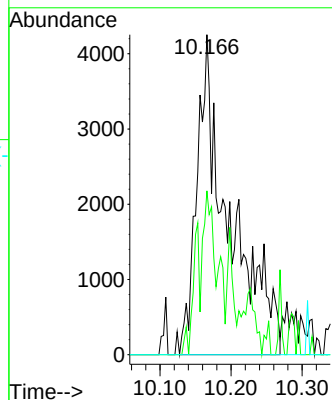
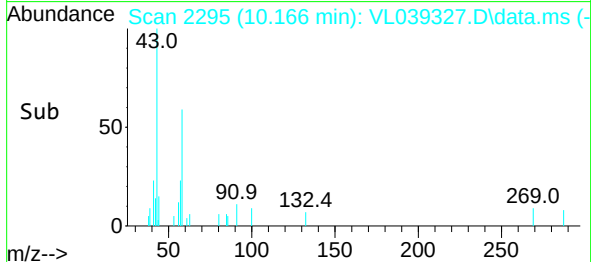
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.0 0.1 0.1

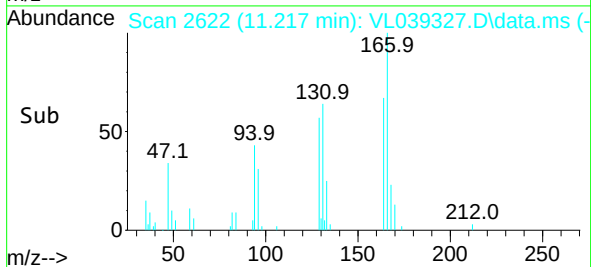
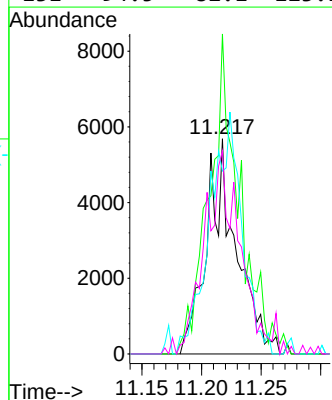
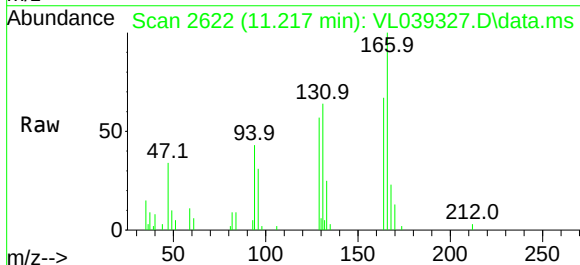
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APPROVED

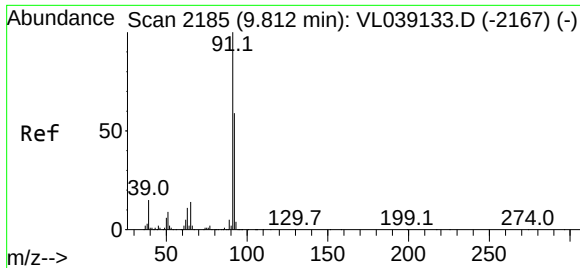
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
Tetrachloroethene
Concen: 0.096 ppbv m
RT: 11.217 min Scan# 2622
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

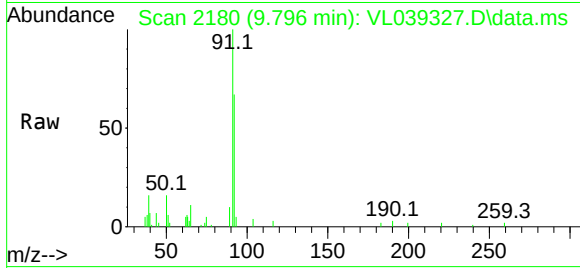
Tgt Ion:164 Resp: 9802
Ion Ratio Lower Upper
164 100
166 148.8 96.3 144.5#
129 85.0 82.5 123.7
131 94.5 82.1 123.1





#53
Toluene
Concen: 0.083 ppbv m
RT: 9.796 min Scan# 2185
Delta R.T. -0.016 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

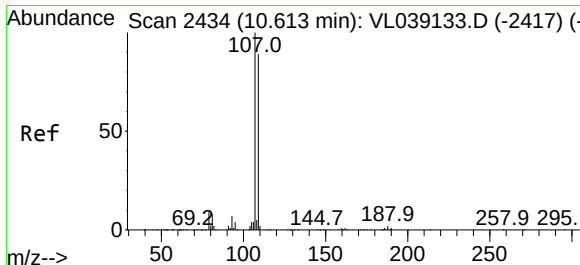
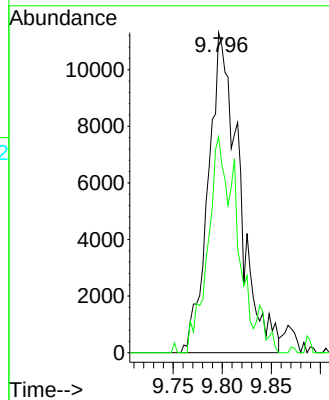
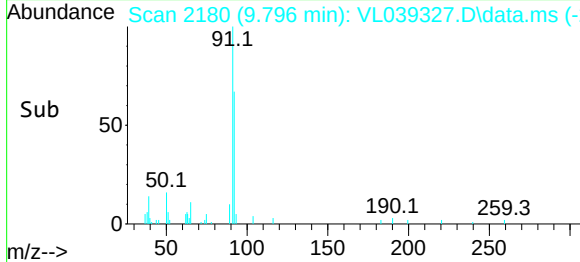
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



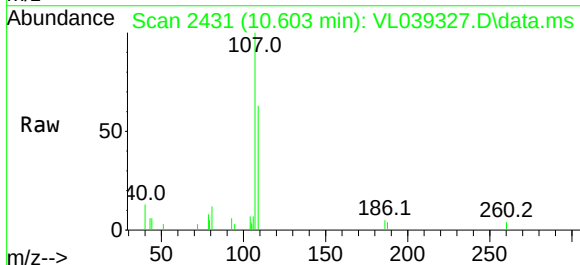
Tgt Ion: 91 Resp: 2499
Ion Ratio Lower Upper
91 100
92 67.0 48.1 72.1

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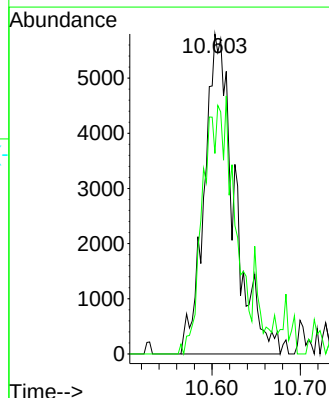
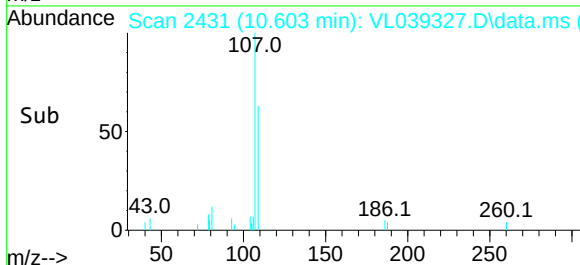
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

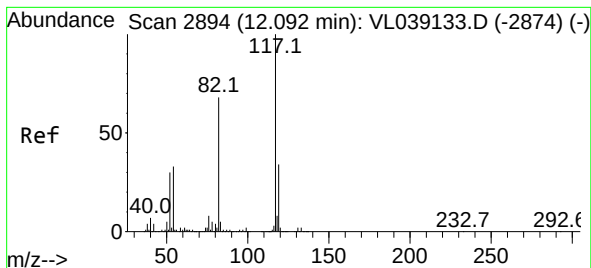


#54
1,2-Dibromoethane
Concen: 0.095 ppbv m
RT: 10.603 min Scan# 2431
Delta R.T. -0.009 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



Tgt Ion:107 Resp: 13893
Ion Ratio Lower Upper
107 100
109 62.7 71.4 107.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.082 min Scan# 2894

Delta R.T. -0.009 min

Lab File: VL039327.D

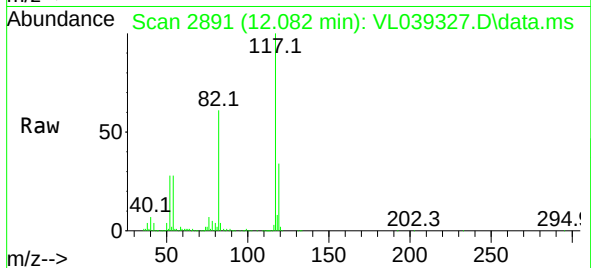
Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion:117 Resp: 291835

Ion Ratio Lower Upper

117 100

82 65.3 55.1 82.7

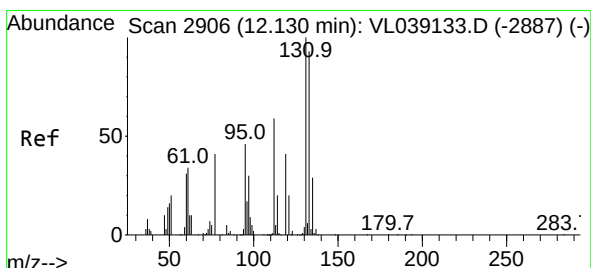
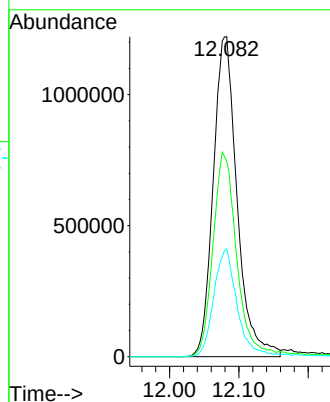
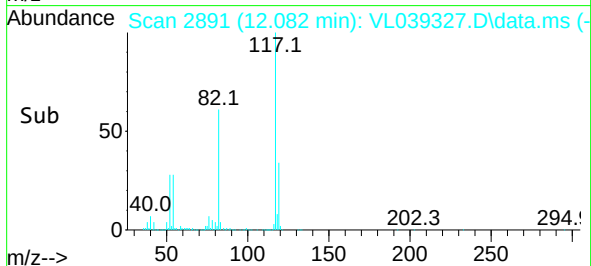
119 34.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 0.097 ppbv m

RT: 12.127 min Scan# 2905

Delta R.T. -0.003 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

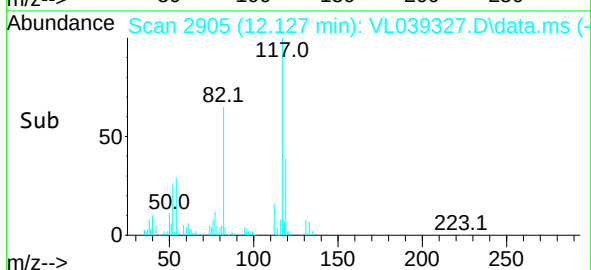
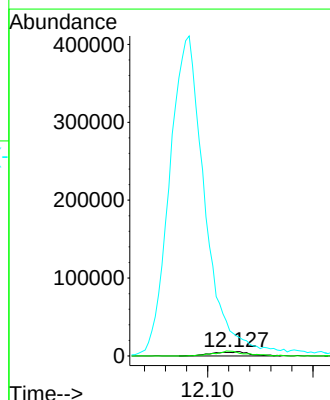
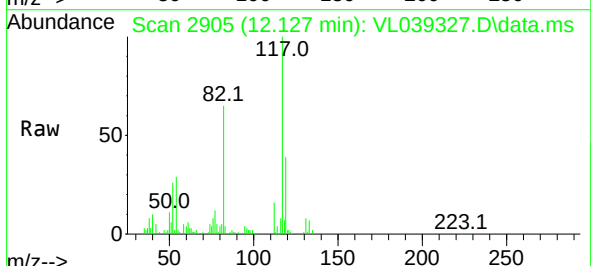
Tgt Ion:131 Resp: 13343

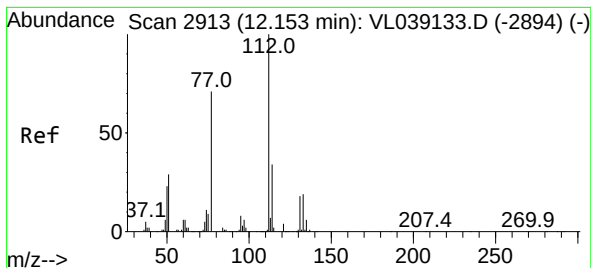
Ion Ratio Lower Upper

131 100

133 99.4 78.6 117.8

119 0.0 51.7 77.5#





#57

Chlorobenzene

Concen: 0.118 ppbv m

RT: 12.137 min Scan# 2913

Delta R.T. -0.016 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

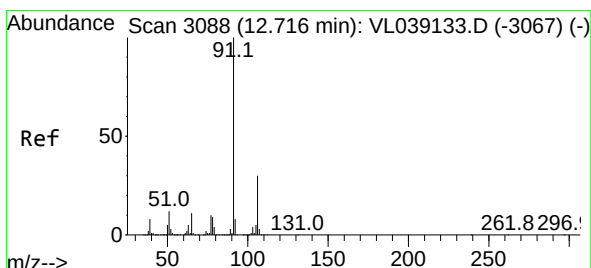
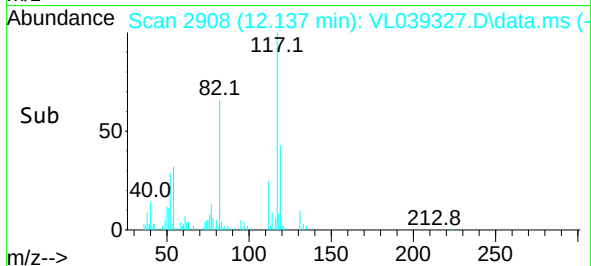
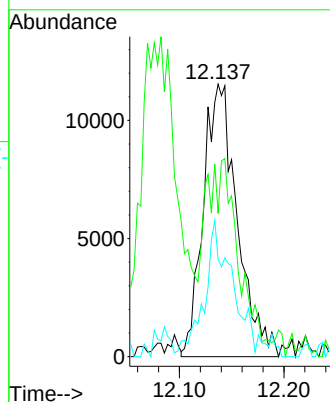
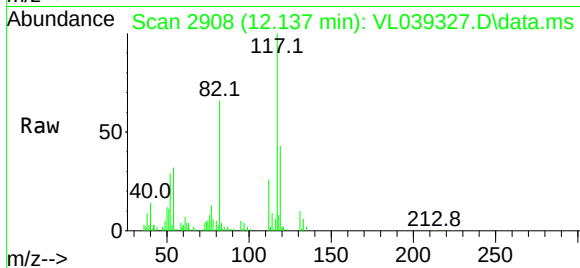
Tgt Ion:	112	Resp:	2596
Ion Ratio	Lower	Upper	
112	100		
77	52.5	56.5	84.7
114	35.6	30.3	37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#58

Ethyl Benzene

Concen: 0.083 ppbv m

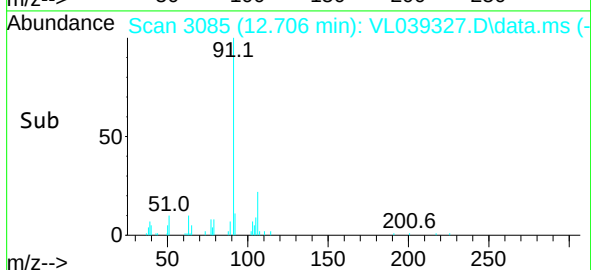
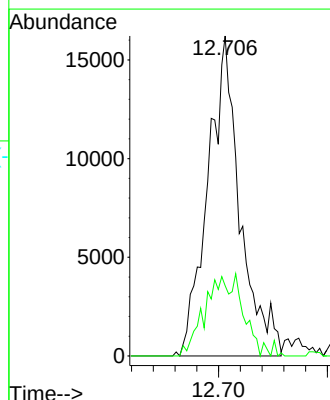
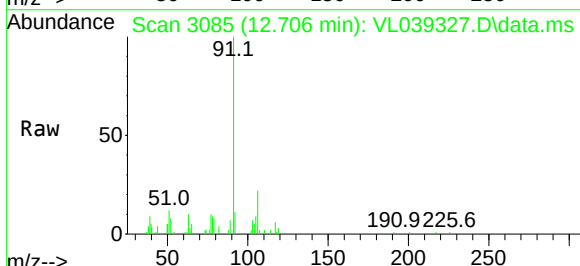
RT: 12.706 min Scan# 3085

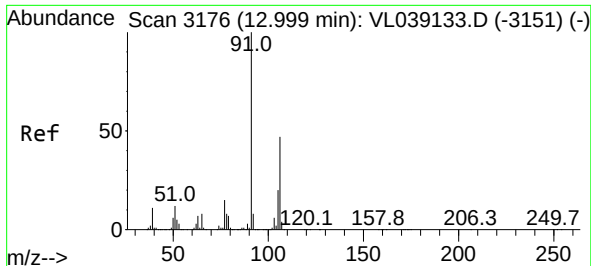
Delta R.T. -0.010 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Tgt Ion:	91	Resp:	33274
Ion Ratio	Lower	Upper	
91	100		
106	22.0	24.2	36.4





#59

m/p-Xylene

Concen: 0.163 ppbv m

RT: 12.989 min Scan# 3176

Delta R.T. -0.009 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 57544

Ion Ratio Lower Upper

91 100

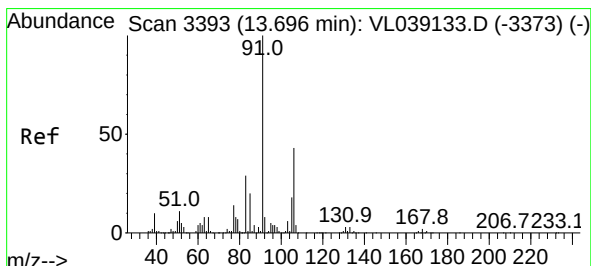
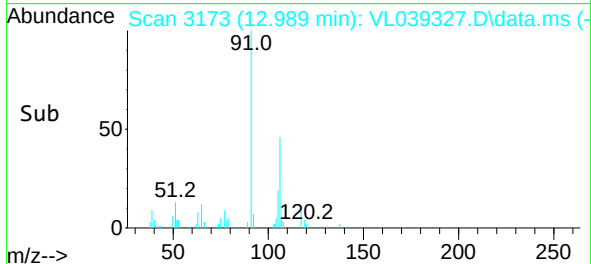
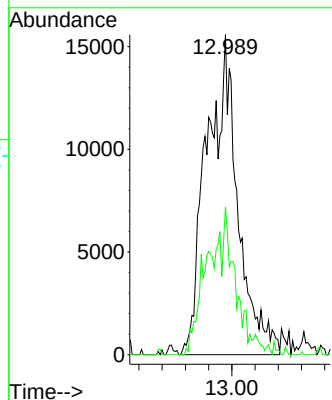
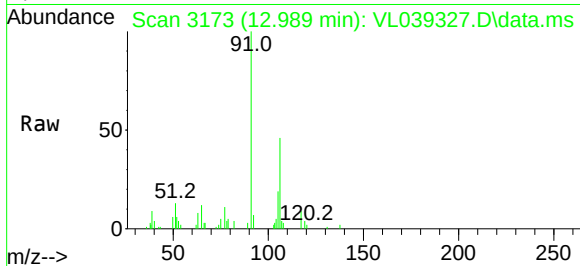
106 42.4 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

o-Xylene

Concen: 0.076 ppbv m

RT: 13.684 min Scan# 3389

Delta R.T. -0.013 min

Lab File: VL039327.D

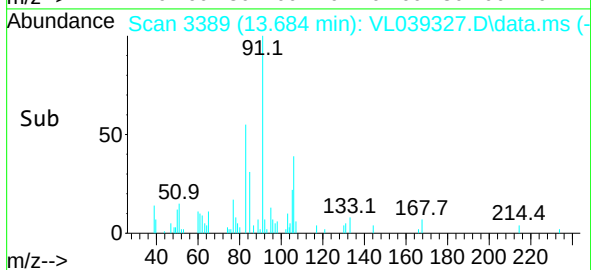
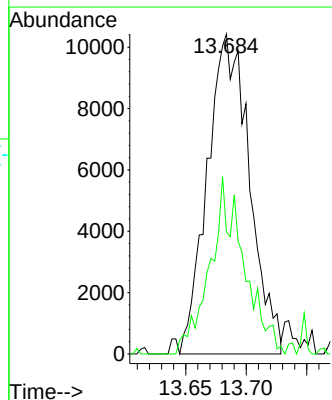
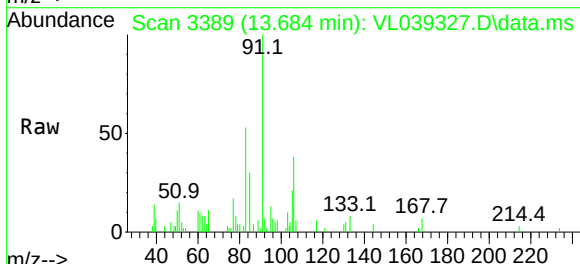
Acq: 22 Jun 2022 19:35

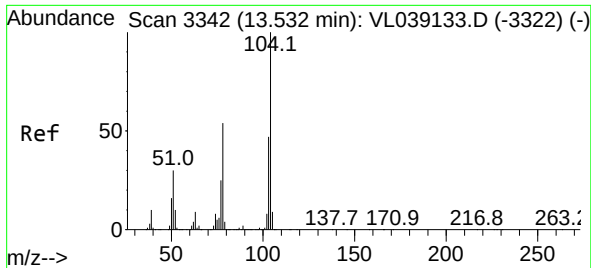
Tgt Ion: 91 Resp: 25282

Ion Ratio Lower Upper

91 100

106 46.8 22.3 66.9





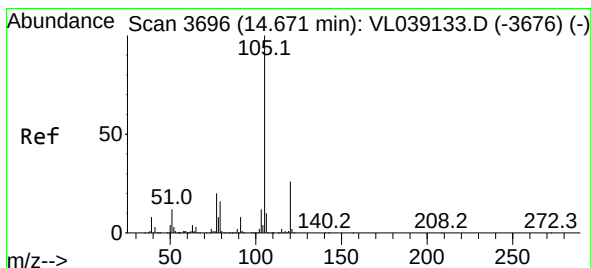
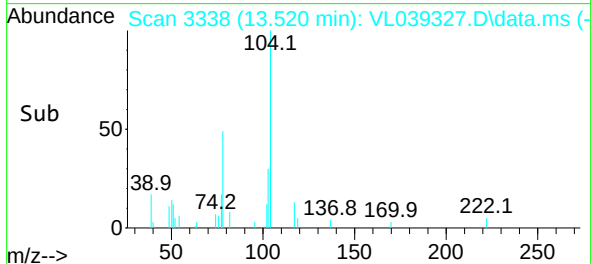
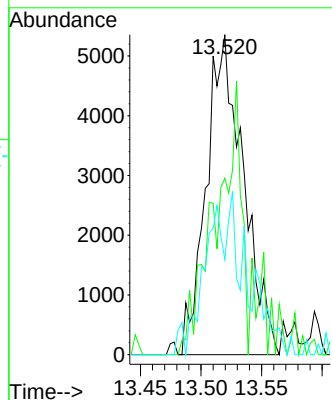
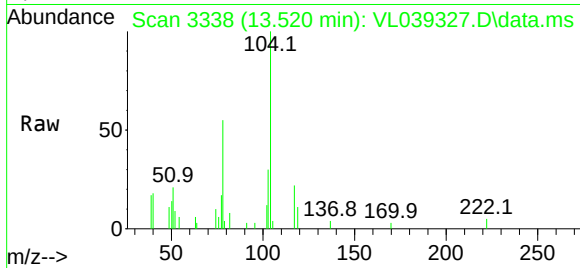
#61
Styrene
Concen: 0.064 ppbv m
RT: 13.520 min Scan# 3338
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:104 Resp: 11390
Ion Ratio Lower Upper
104 100
78 69.8 45.7 68.5
103 55.4 39.6 59.4

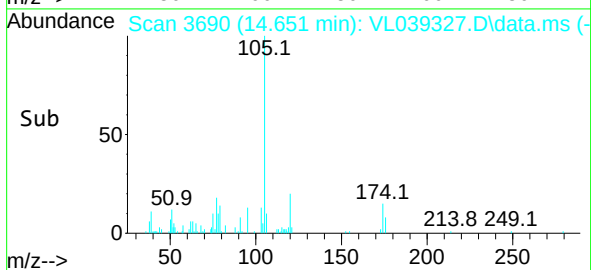
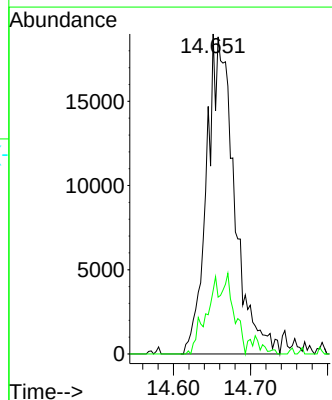
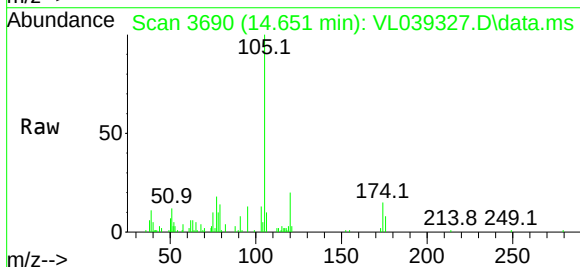
Manual Integrations
APPROVED

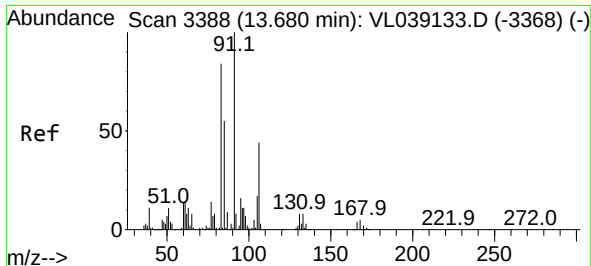
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#62
Isopropylbenzene
Concen: 0.096 ppbv m
RT: 14.651 min Scan# 3690
Delta R.T. -0.019 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

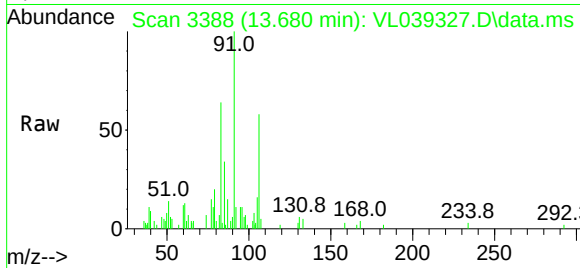
Tgt Ion:105 Resp: 47569
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.090 ppbv m
RT: 13.680 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

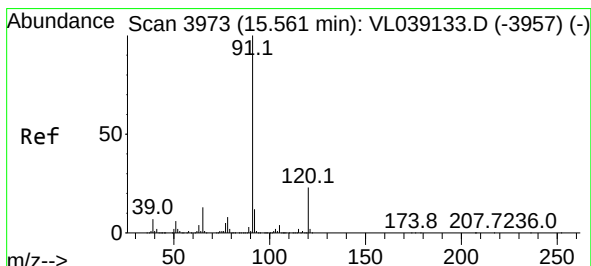
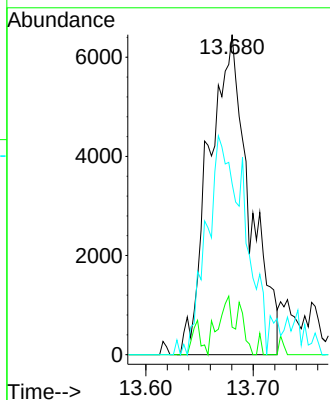
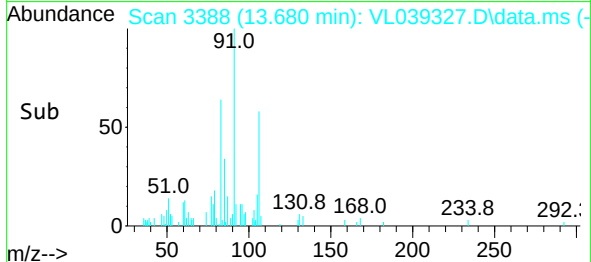
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 83 Resp: 16890
Ion Ratio Lower Upper
83 100
131 11.9 4.8 14.3
85 67.4 33.0 99.0

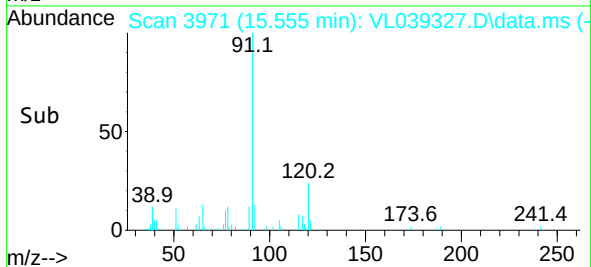
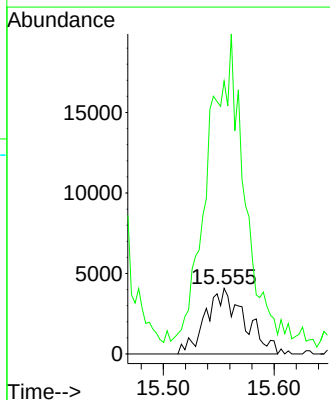
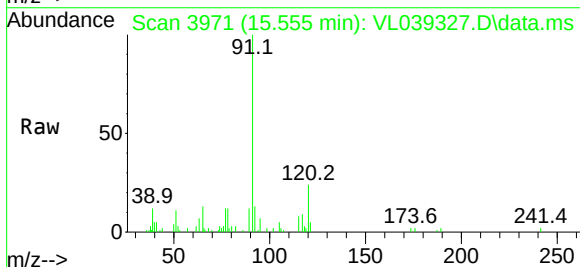
Manual Integrations
APPROVED

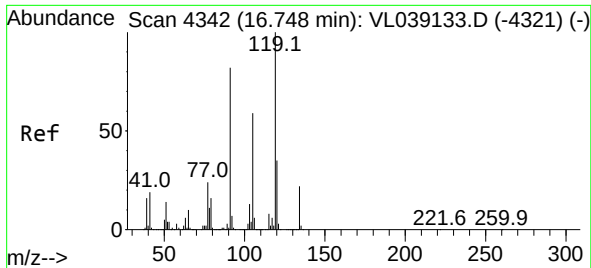
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
n-propylbenzene
Concen: 0.081 ppbv m
RT: 15.555 min Scan# 3971
Delta R.T. -0.006 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

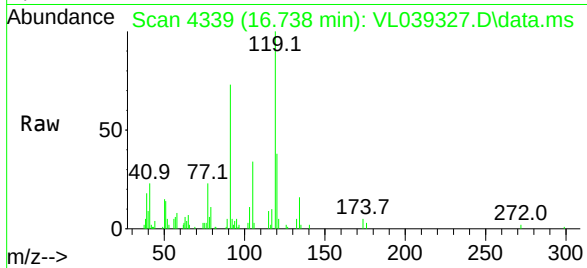
Tgt Ion:120 Resp: 9902
Ion Ratio Lower Upper
120 100
91 0.0 388.4 582.6#





#65
tert-Butylbenzene
Concen: 0.078 ppbv m
RT: 16.738 min Scan# 411
Delta R.T. -0.009 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

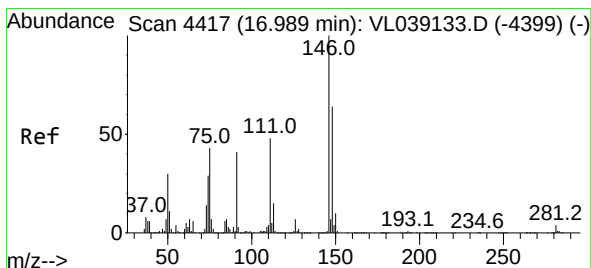
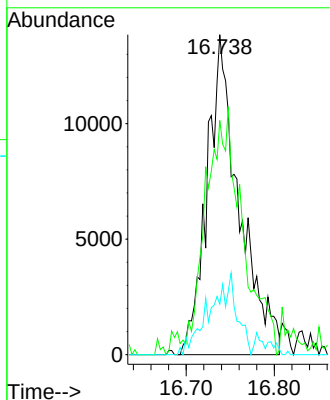
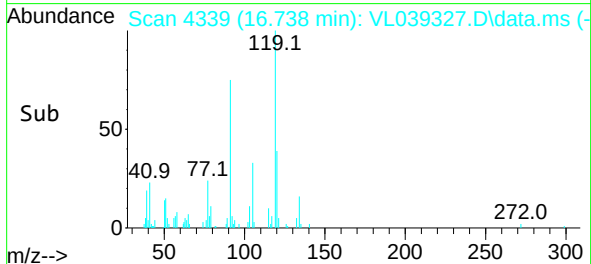
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



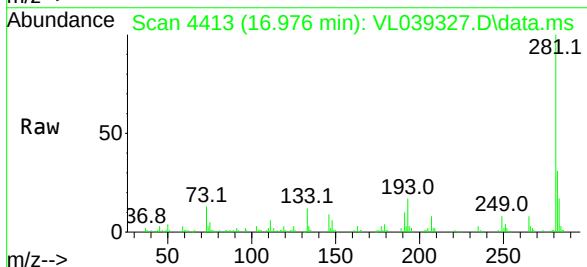
Tgt Ion: 119 Resp: 35238
Ion Ratio Lower Upper
119 100
91 0.0 67.1 100.7
134 0.0 15.8 23.8

Manual Integrations
APPROVED

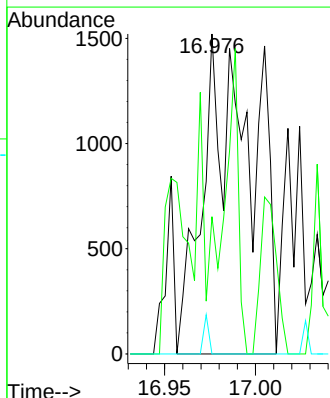
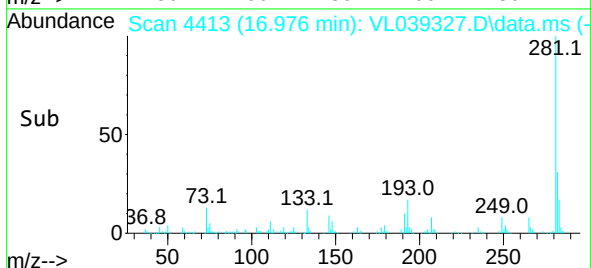
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

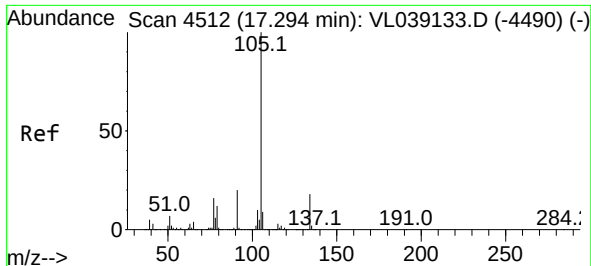


#66
Benzyl Chloride
Concen: 0.048 ppbv m
RT: 16.976 min Scan# 4413
Delta R.T. -0.013 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



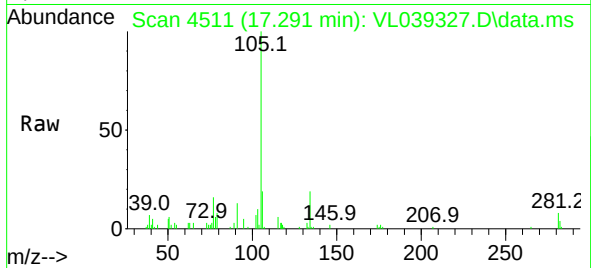
Tgt Ion: 91 Resp: 2842
Ion Ratio Lower Upper
91 100
126 0.0 13.4 20.0#
128 0.0 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 0.082 ppbv
 RT: 17.291 min Scan# 4511
 Delta R.T. -0.003 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

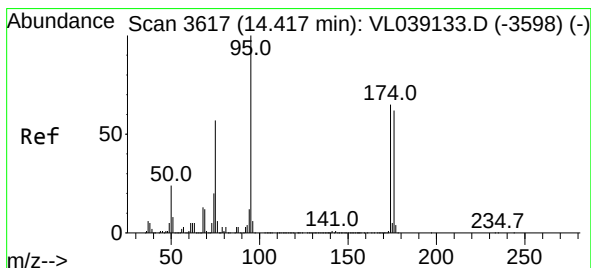
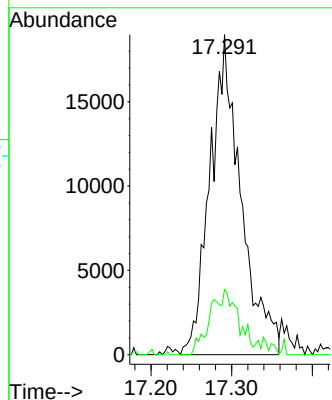
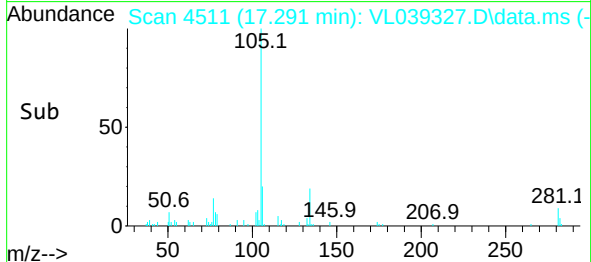
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 105 Resp: 50740
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6

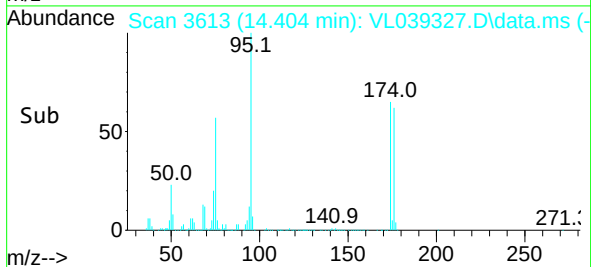
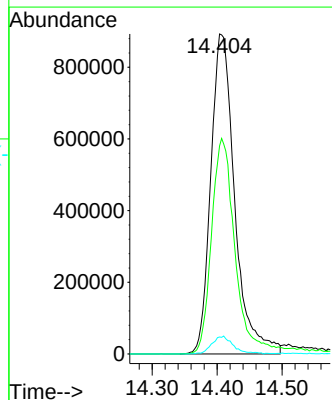
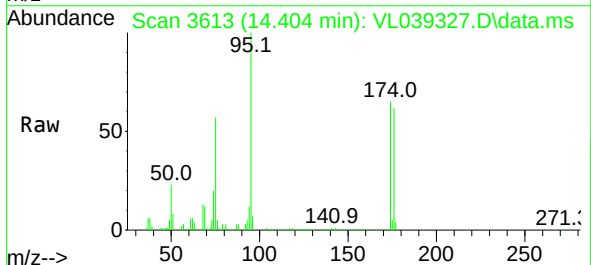
Manual Integrations
 APPROVED

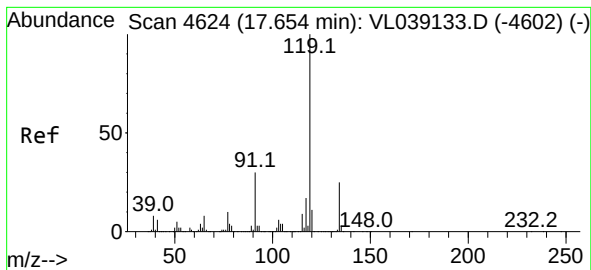
Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.474 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.013 min
 Lab File: VL039327.D
 Acq: 22 Jun 2022 19:35

Tgt Ion: 95 Resp: 2285771
 Ion Ratio Lower Upper
 95 100
 174 69.1 53.8 80.8
 175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.074 ppbv m

RT: 17.642 min Scan# 4620

Delta R.T. -0.013 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

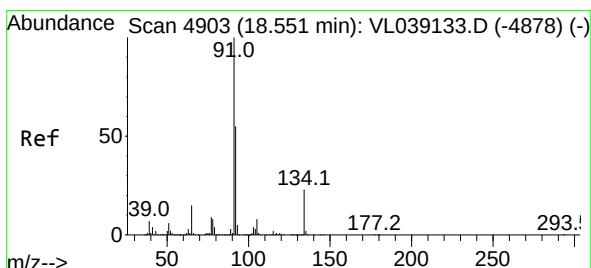
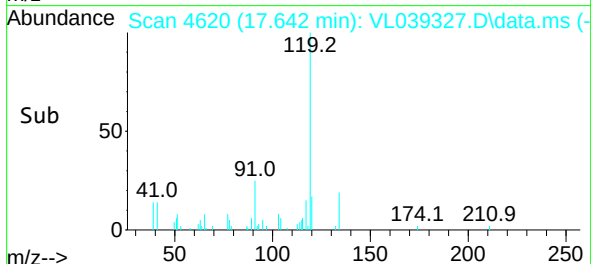
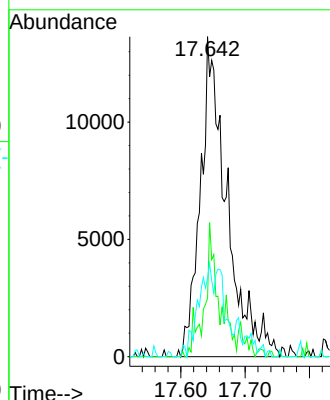
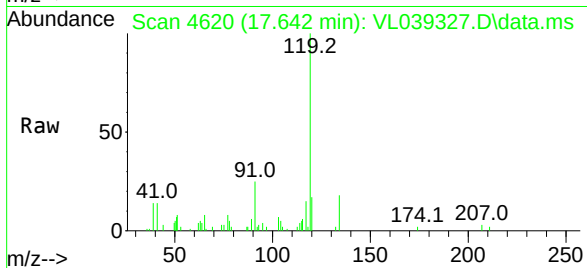
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	119	Resp:	3876
Ion Ratio	Lower	Upper	
119	100		
134	0.0	20.4	30.6
91	0.0	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70

n-Butylbenzene

Concen: 0.064 ppbv m

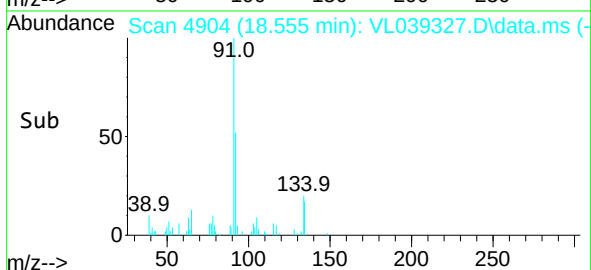
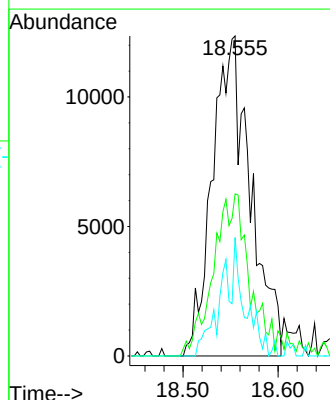
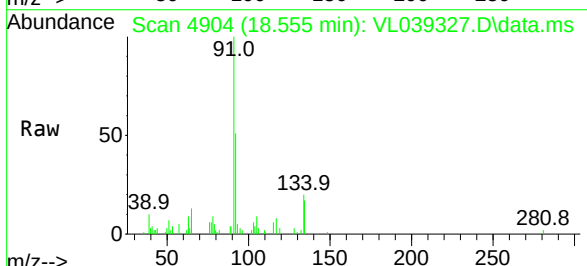
RT: 18.555 min Scan# 4904

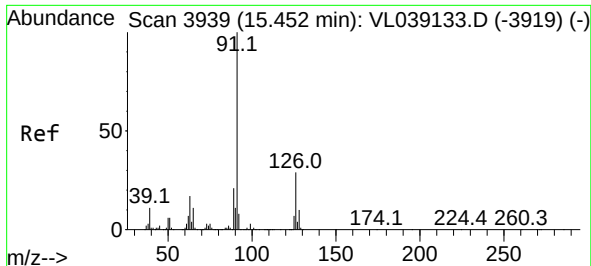
Delta R.T. 0.003 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Tgt Ion:	91	Resp:	34348
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.6	65.4
134	0.0	17.7	26.5





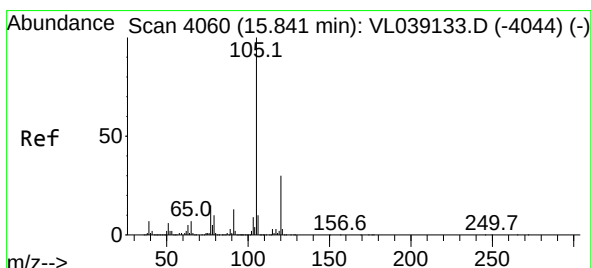
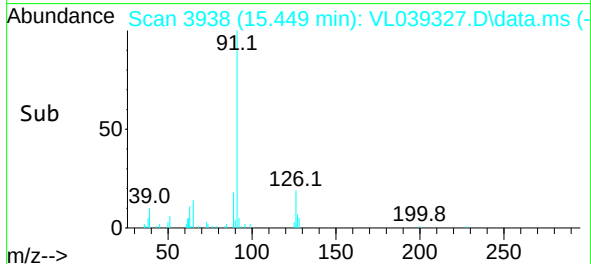
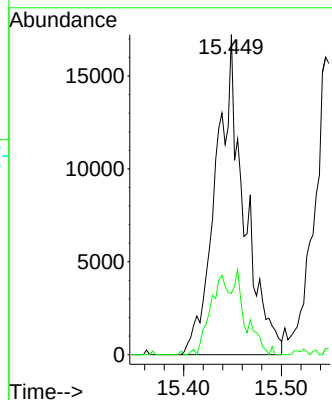
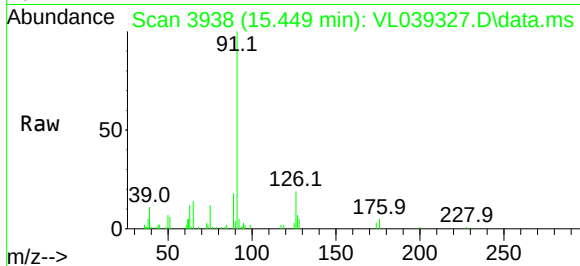
#71
2-Chlorotoluene
Concen: 0.091 ppbv m
RT: 15.449 min Scan# 3939
Delta R.T. -0.003 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 34452
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.6

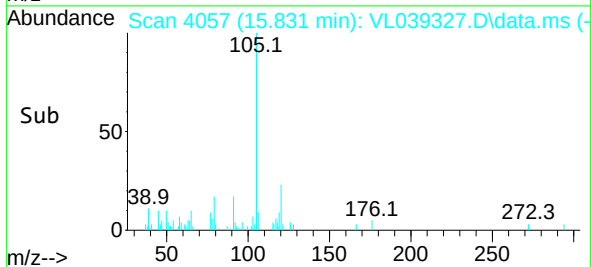
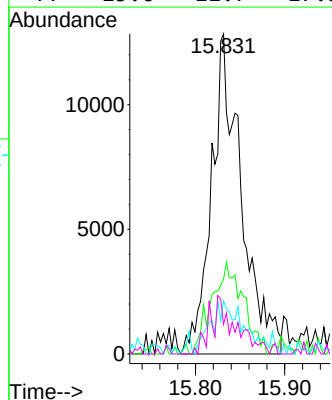
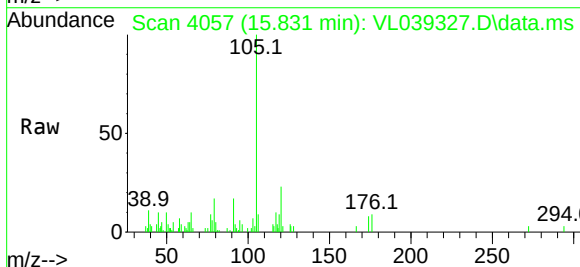
Manual Integrations
APPROVED

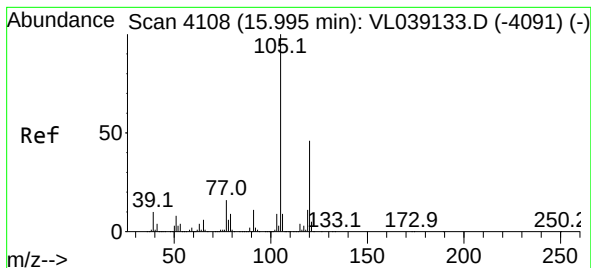
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
4-Ethyltoluene
Concen: 0.076 ppbv m
RT: 15.831 min Scan# 4057
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

Tgt Ion:105 Resp: 29786
Ion Ratio Lower Upper
105 100
120 31.2 23.9 35.9
91 20.8 10.6 16.0#
77 15.6 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.076 ppbv m

RT: 15.986 min Scan# 4105

Delta R.T. -0.010 min

Lab File: VL039327.D

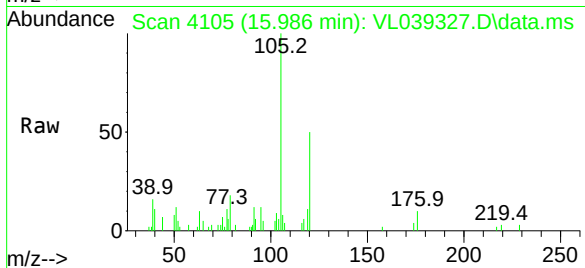
Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion:105 Resp: 2657

Ion Ratio Lower Upper

105 100

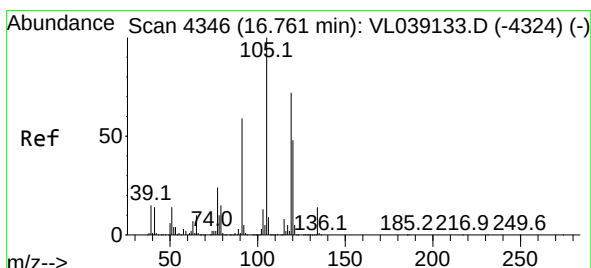
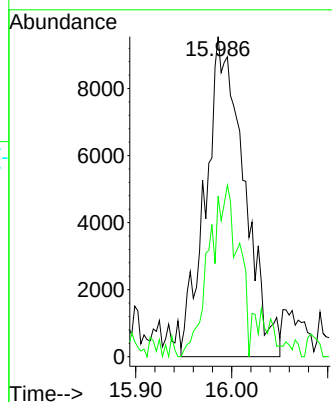
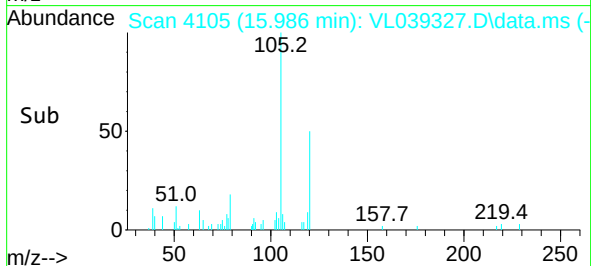
120 50.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.072 ppbv m

RT: 16.754 min Scan# 4344

Delta R.T. -0.006 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Tgt Ion:105 Resp: 28224

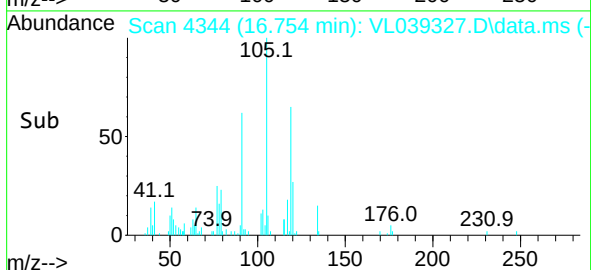
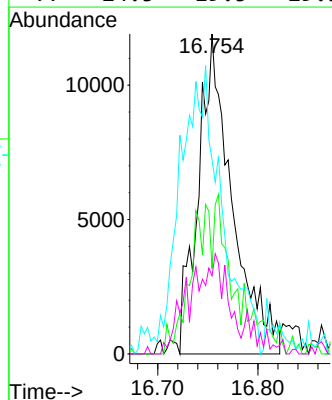
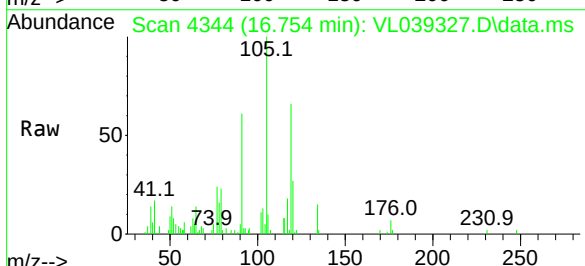
Ion Ratio Lower Upper

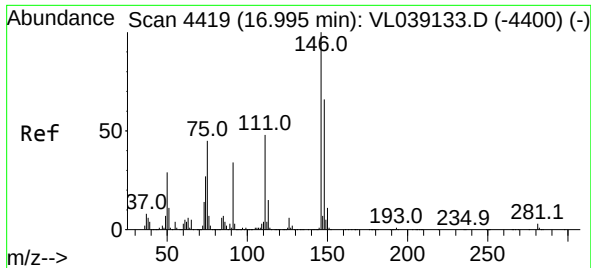
105 100

120 26.7 38.1 57.1#

91 60.7 47.4 71.0

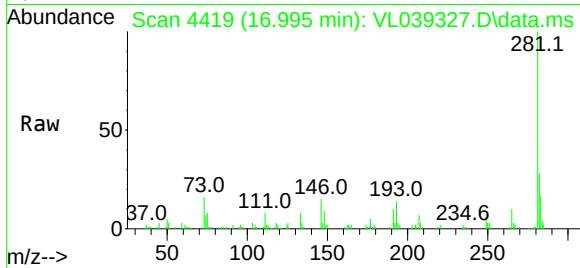
77 24.5 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 0.102 ppbv m
RT: 16.995 min Scan# 4419
Delta R.T. 0.000 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

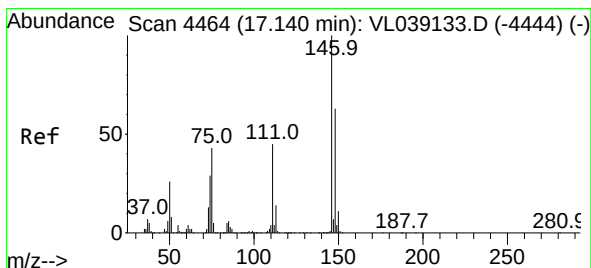
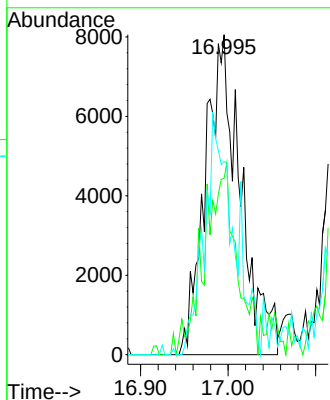
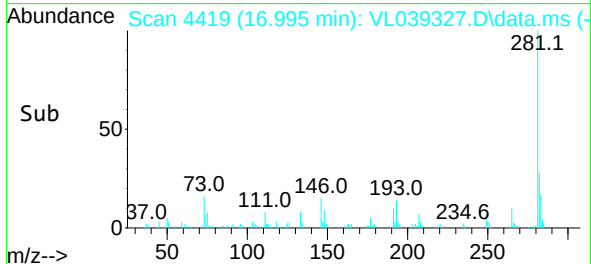
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



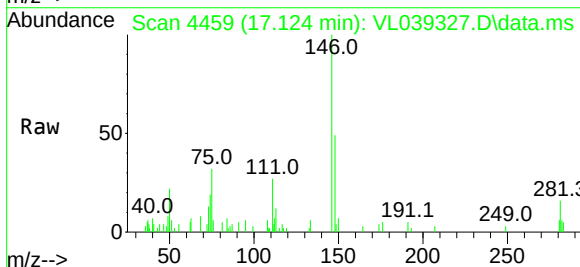
Tgt Ion:146 Resp: 22552
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.4#
148 70.3 32.4 97.0

Manual Integrations
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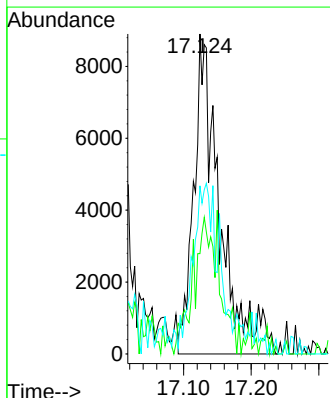
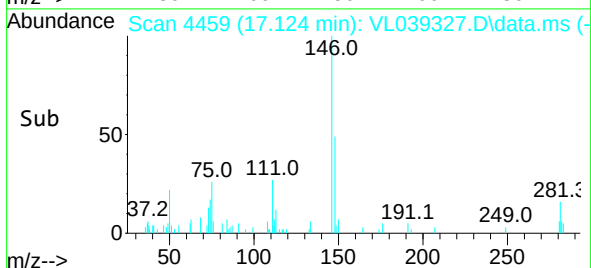
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

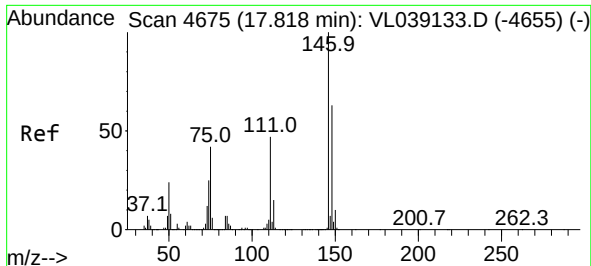


#76
1,4-Dichlorobenzene
Concen: 0.107 ppbv m
RT: 17.124 min Scan# 4459
Delta R.T. -0.016 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



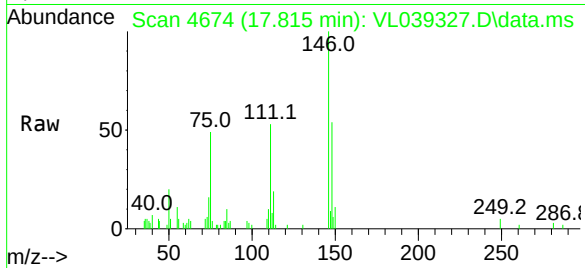
Tgt Ion:146 Resp: 23627
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 33.7 101.0#





#77
1,2-Dichlorobenzene
Concen: 0.107 ppbv m
RT: 17.815 min Scan# 4675
Delta R.T. -0.003 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35

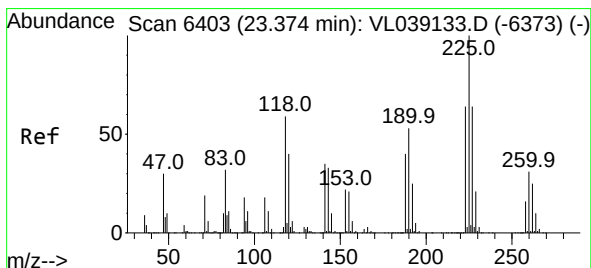
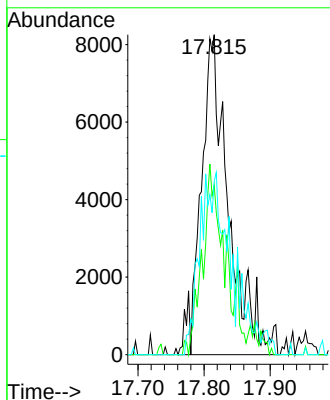
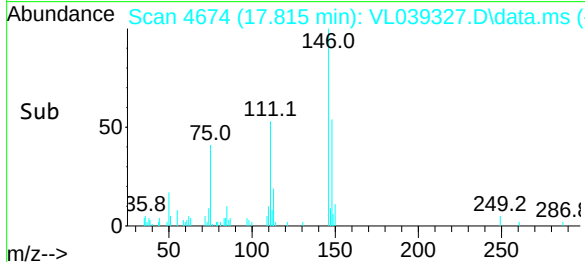
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



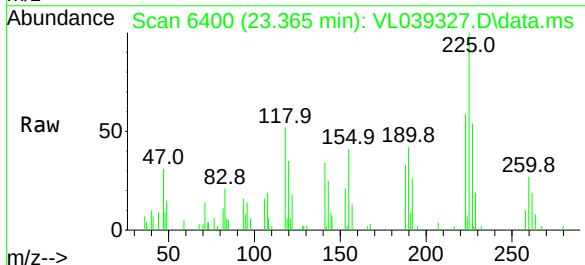
Tgt Ion:146 Resp: 23939
Ion Ratio Lower Upper
146 100
111 52.6 24.4 73.4
148 66.4 32.1 96.5

Manual Integrations
APPROVED

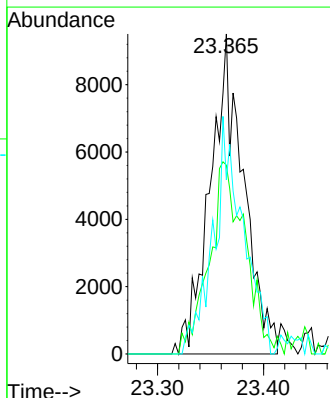
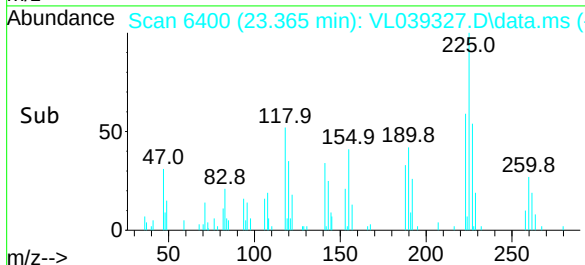
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

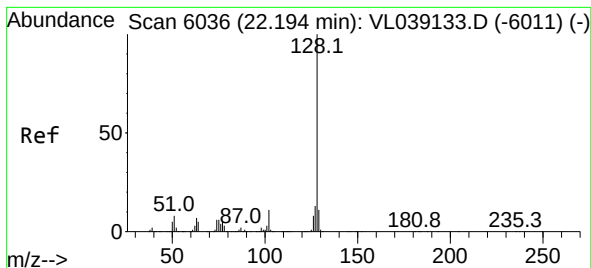


#78
Hexachloro-1,3-Butadiene
Concen: 0.101 ppbv m
RT: 23.365 min Scan# 6400
Delta R.T. -0.010 min
Lab File: VL039327.D
Acq: 22 Jun 2022 19:35



Tgt Ion:225 Resp: 20683
Ion Ratio Lower Upper
225 100
223 68.9 51.4 77.0
227 68.1 50.6 75.8





#79

Naphthalene

Concen: 0.045 ppbv m

RT: 22.188 min Scan# 6034

Delta R.T. -0.006 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Instrument :

MSVOA_L

ClientSampleId :

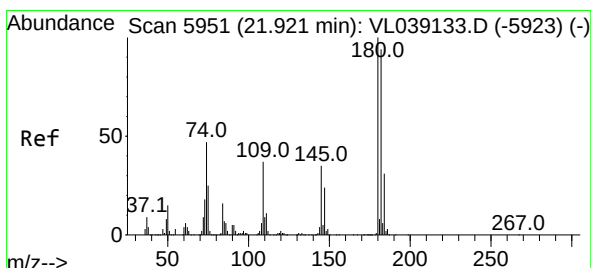
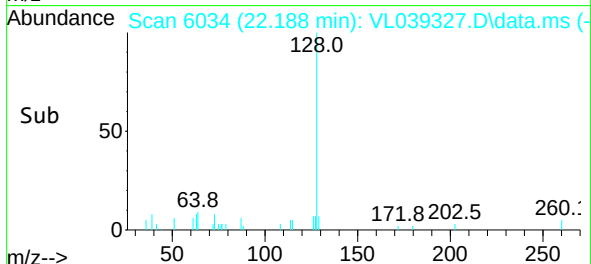
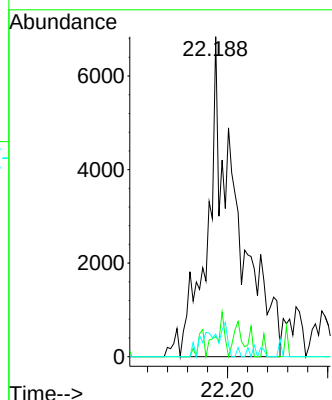
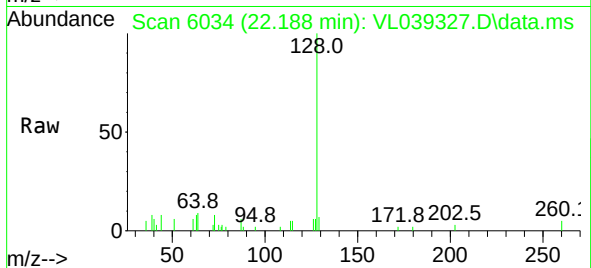
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:128	Resp:	1344
Ion Ratio	Lower	Upper
128	100	
127	6.4	10.4 15.6
129	7.0	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#81

1,2,4-Trichlorobenzene

Concen: 0.061 ppbv m

RT: 21.915 min Scan# 5949

Delta R.T. -0.006 min

Lab File: VL039327.D

Acq: 22 Jun 2022 19:35

Tgt Ion:180	Resp:	11709
Ion Ratio	Lower	Upper
180	100	
182	0.0	0.0 0.0
184	0.0	0.0 0.0

