

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039436.D
 Acq On : 6 Jul 2022 2:26
 Operator : SY/AP
 Sample : N3214-15 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022

Quant Time: Jul 06 06:21:50 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.680	49	1085508	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3069346	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	2769043	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	2100265	10.224	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.060	85	105668	0.675	ppbv	98
3) Chlorodifluoromethane	3.002	51	66562	0.483	ppbv	99
4) Chloromethane	3.156	50	36322	0.482	ppbv #	86
5) Vinyl Chloride	3.275	62	29691	0.400	ppbv	97
6) Bromomethane	3.491	94	15726m	0.503	ppbv	
7) Chloroethane	3.574	64	13750m	0.520	ppbv	
8) Dichlorotetrafluoroethane	3.201	85	87263	0.510	ppbv	98
9) Propene	3.031	41	32407	0.521	ppbv	99
10) Heptane	8.137	43	59704	0.410	ppbv	99
11) Trichlorofluoromethane	3.963	101	85876	0.492	ppbv	84
12) 1,1,2-Trichlorotrifluo...	4.500	101	64775	0.498	ppbv	98
13) Ethanol	3.623	45	2254m	0.625	ppbv	
14) Bromoethene	3.751	108	25958m	0.475	ppbv	
15) Acetone	3.877	43	79792m	0.621	ppbv	
16) 1,3-Butadiene	3.343	39	32396	0.486	ppbv	99
17) tert-Butyl alcohol	4.314	59	55088m	0.505	ppbv	
18) 1,1-Dichloroethene	4.304	96	28608m	0.485	ppbv	
19) Isopropyl Alcohol	3.992	45	31884m	0.465	ppbv	
20) Methylene Chloride	4.359	84	29594	0.578	ppbv #	92
21) Allyl Chloride	4.426	41	40027m	0.450	ppbv	
22) trans-1,2-Dichloroethene	4.902	96	28181m	0.494	ppbv	
23) Vinyl Acetate	5.092	43	37497m	0.437	ppbv	
24) 1,1-Dichloroethane	5.025	63	66038	0.545	ppbv #	96
25) Ethyl Acetate	5.700	43	116097	0.441	ppbv	97
26) Hexane	5.700	57	49877	0.470	ppbv #	86
27) Carbon Disulfide	4.562	76	49881m	0.389	ppbv	
28) Methyl tert-Butyl Ether	5.060	73	51287	0.452	ppbv	93
29) Chloroform	5.764	83	86648	0.469	ppbv	91
30) Cyclohexane	7.143	84	49512m	0.512	ppbv	
31) cis-1,2-Dichloroethene	5.561	61	48878m	0.434	ppbv	
32) 1,1,1-Trichloroethane	6.526	97	78016	0.428	ppbv	97
34) 2-Butanone	5.269	43	74435m	0.482	ppbv	
35) Carbon Tetrachloride	7.028	117	82895m	0.437	ppbv	
36) Benzene	6.899	78	101884m	0.429	ppbv	
37) 1,2-Dichloroethane	6.320	62	60935	0.435	ppbv #	96
38) Trichloroethene	7.844	130	54894m	0.427	ppbv	
39) 1,2-Dichloropropane	7.622	63	39994m	0.451	ppbv	
40) 1,4-Dioxane	7.880	88	18926m	0.535	ppbv	
41) Tetrahydrofuran	6.089	42	34061m	0.380	ppbv	
42) Bromodichloromethane	7.806	83	74711m	0.395	ppbv	
43) Methyl Methacrylate	8.028	69	32573m	0.361	ppbv	
44) 2,2,4-Trimethylpentane	7.883	57	170908m	0.425	ppbv	
45) t-1,3-Dichloropropene	9.288	75	22421m	0.279	ppbv	

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

Quant Time: Jul 06 06:21:50 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6 06:21:50 2022

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	36249m	0.327	ppbv	
47) 1,1,2-Trichloroethane	9.487	97	44273m	0.445	ppbv	
48) Dibromochloromethane	10.317	129	58534m	0.370	ppbv	
49) Bromoform	13.060	173	41065m	0.322	ppbv	
50) 4-Methyl-2-Pentanone	8.777	43	86801m	0.372	ppbv	
51) 2-Hexanone	10.172	43	54700m	0.310	ppbv	
52) Tetrachloroethene	11.230	164	38564m	0.403	ppbv	
53) Toluene	9.815	91	101324m	0.370	ppbv	
54) 1,2-Dibromoethane	10.626	107	48455	0.391	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.137	131	55042m	0.450	ppbv	
57) Chlorobenzene	12.153	112	101595m	0.473	ppbv	
58) Ethyl Benzene	12.725	91	136216	0.381	ppbv	95
59) m/p-Xylene	13.005	91	253905m	0.805	ppbv	
60) o-Xylene	13.699	91	120184	0.403	ppbv	98
61) Styrene	13.545	104	48824m	0.302	ppbv	
62) Isopropylbenzene	14.674	105	188944	0.416	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.690	83	68535m	0.438	ppbv	
64) n-propylbenzene	15.571	120	45693m	0.397	ppbv	
65) tert-Butylbenzene	16.754	119	163031	0.388	ppbv	92
66) Benzyl Chloride	17.018	91	17477m	0.438	ppbv	
67) sec-Butylbenzene	17.304	105	229938	0.406	ppbv	99
69) p-Isopropyltoluene	17.661	119	186465m	0.388	ppbv	
70) n-Butylbenzene	18.558	91	174055m	0.374	ppbv	
71) 2-Chlorotoluene	15.461	91	130429m	0.401	ppbv	
72) 4-Ethyltoluene	15.847	105	137858m	0.393	ppbv	
73) 1,3,5-Trimethylbenzene	16.008	105	128058m	0.397	ppbv	
74) 1,2,4-Trimethylbenzene	16.767	105	137911	0.387	ppbv #	85
75) 1,3-Dichlorobenzene	17.008	146	98954m	0.465	ppbv	
76) 1,4-Dichlorobenzene	17.146	146	86505m	0.410	ppbv	
77) 1,2-Dichlorobenzene	17.831	146	82933	0.393	ppbv	92
78) Hexachloro-1,3-Butadiene	23.384	225	79954m	0.472	ppbv	
79) Naphthalene	22.217	128	74030m	0.302	ppbv	
80) Naphthalene,2-methyl-	24.979	142	11946m	0.143	ppbv	
81) 1,2,4-Trichlorobenzene	21.940	180	52344m	0.328	ppbv	

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

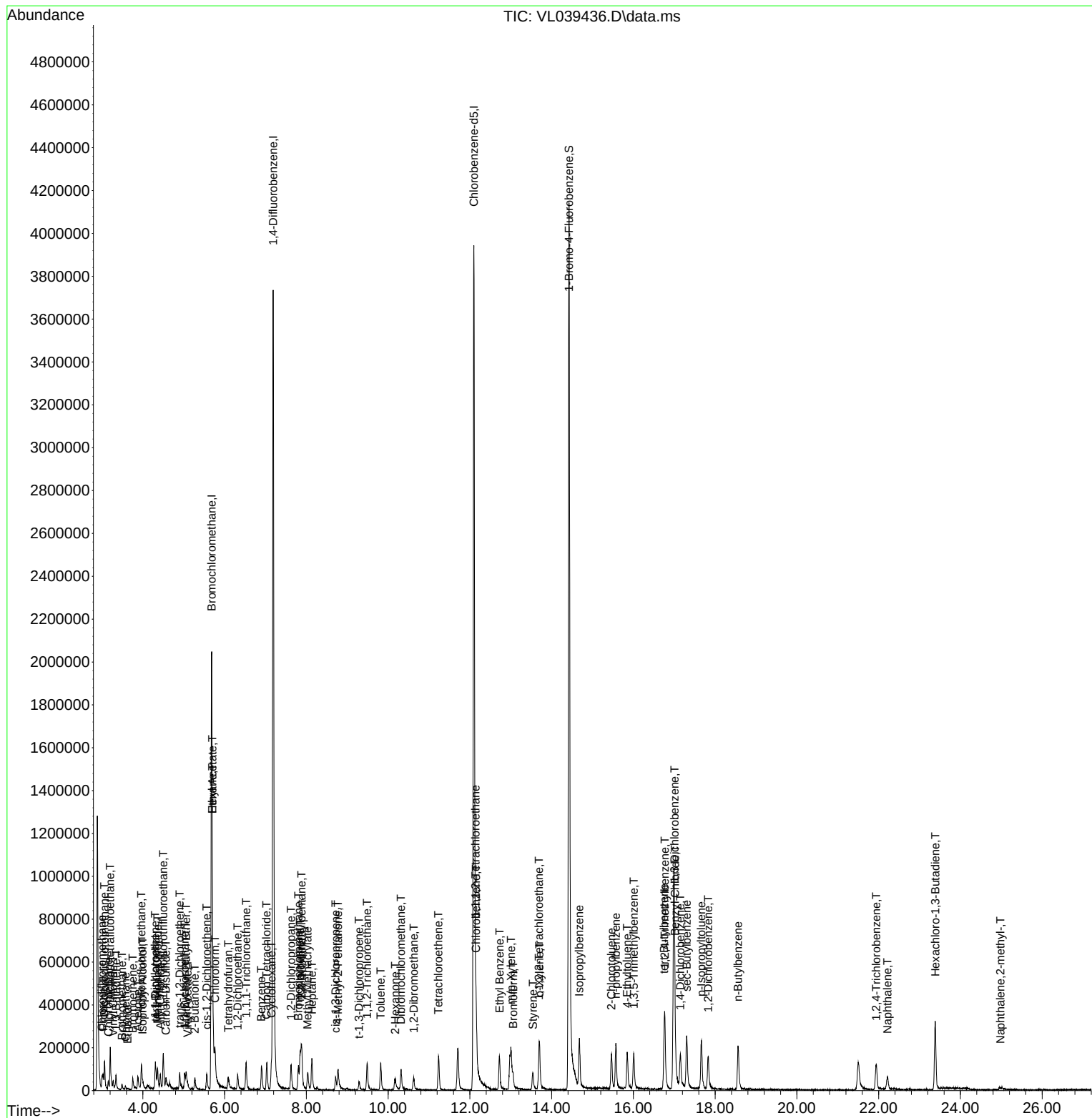
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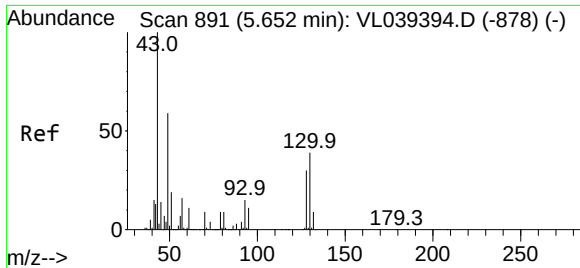
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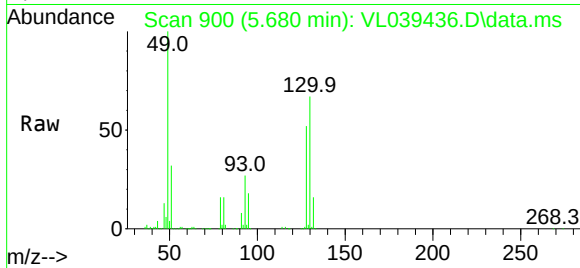
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.680 min Scan# 90
 Delta R.T. 0.029 min
 Lab File: VL039436.D
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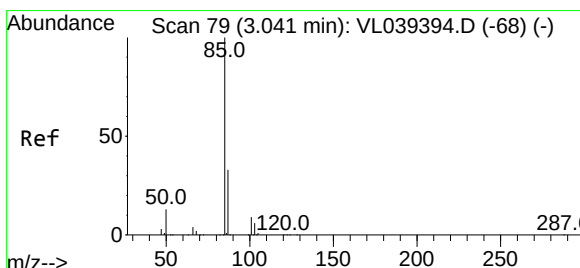
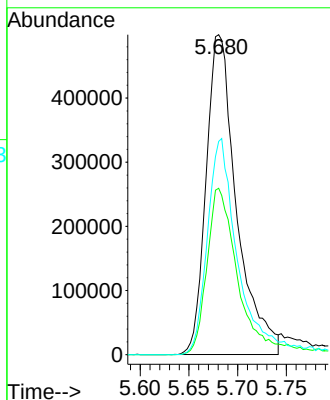
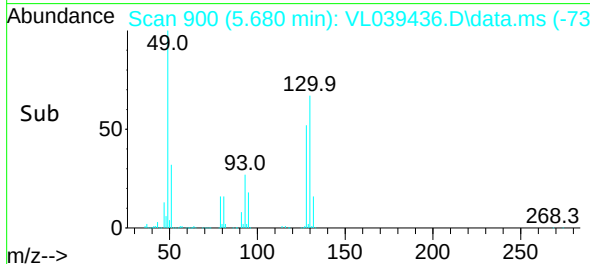
Instrument :
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 ClientSampleId :
 MDL-AIR-03-QT2-2022



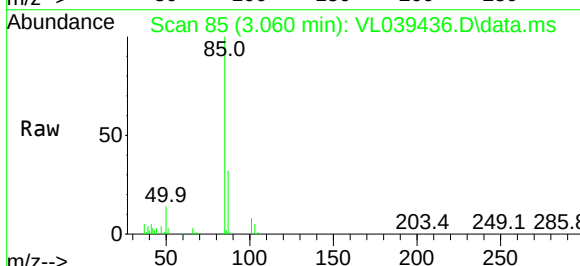
Tgt Ion: 49 Resp: 1085508
 Ion Ratio Lower Upper
 49 100
 128 56.1 26.7 80.0
 130 69.9 34.3 102.8

Manual Integrations
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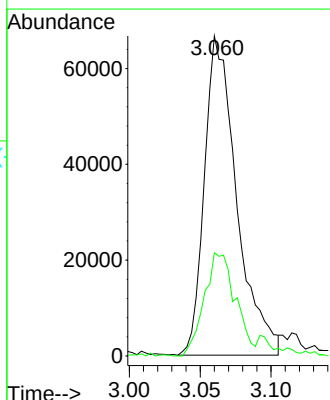
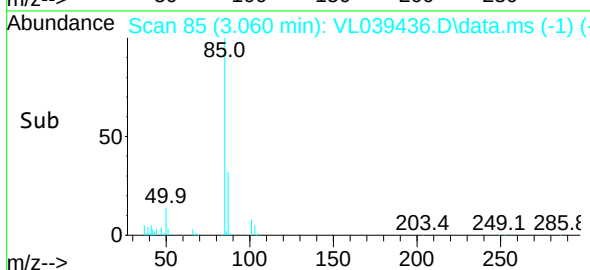
Reviewed By :Semsettin Yesilyurt 07/07/2022
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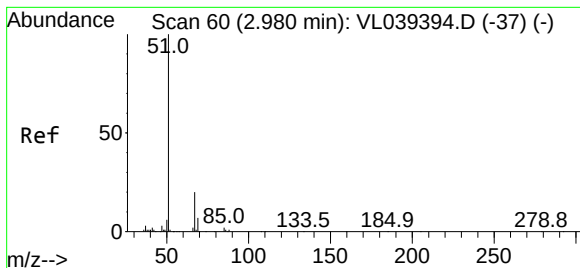


#2
 Dichlorodifluoromethane
 Concen: 0.675 ppbv
 RT: 3.060 min Scan# 85
 Delta R.T. 0.019 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26



Tgt Ion: 85 Resp: 105668
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.7 40.1





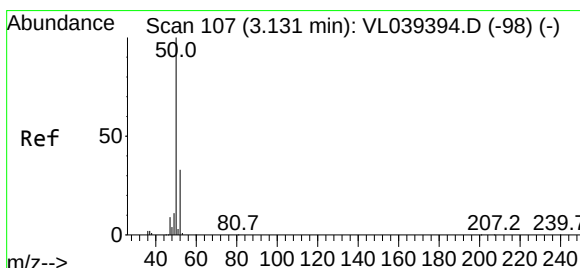
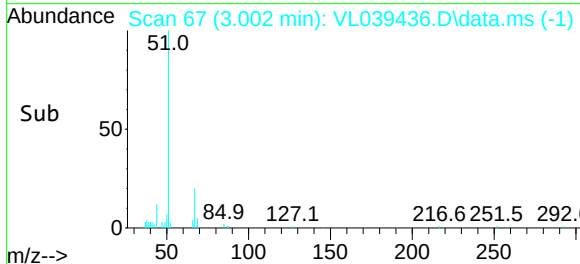
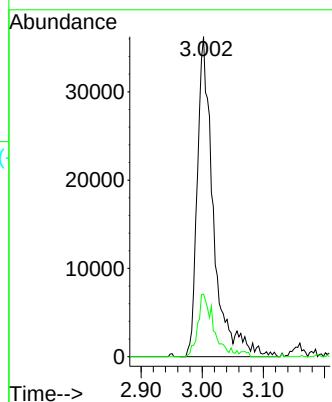
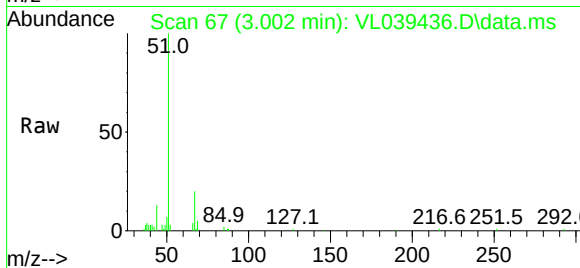
#3
Chlorodifluoromethane
Concen: 0.483 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.022 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

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Tgt Ion: 51 Resp: 66562
Ion Ratio Lower Upper
51 100
67 19.9 15.7 23.5

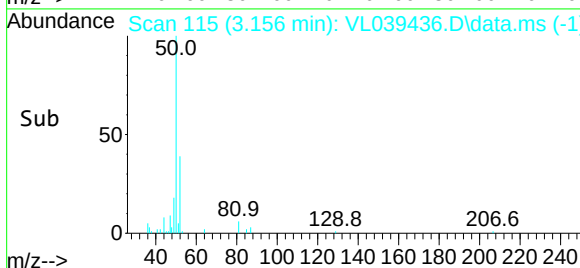
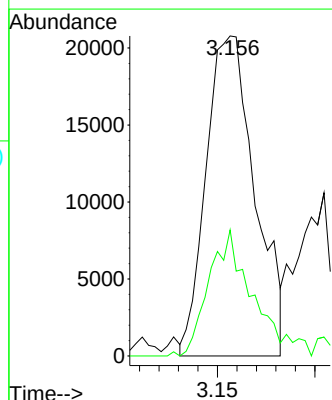
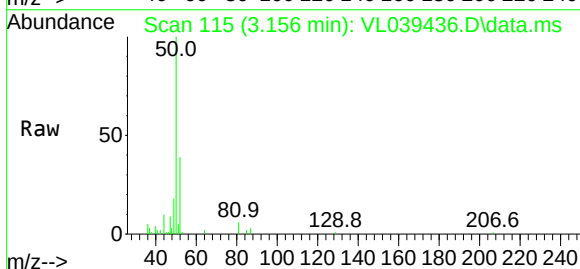
Manual Integrations
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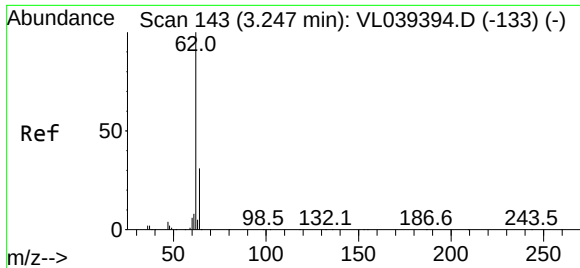
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#4
Chloromethane
Concen: 0.482 ppbv
RT: 3.156 min Scan# 115
Delta R.T. 0.026 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

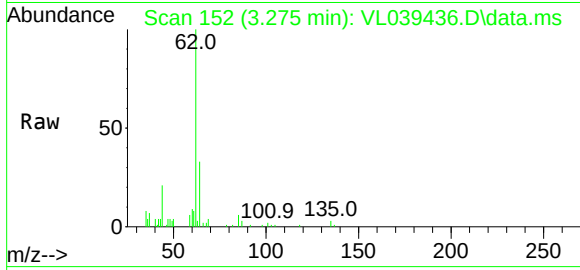
Tgt Ion: 50 Resp: 36322
Ion Ratio Lower Upper
50 100
52 40.9 26.5 39.7#





#5
 Vinyl Chloride
 Concen: 0.400 ppbv
 RT: 3.275 min Scan# 11
 Delta R.T. 0.029 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

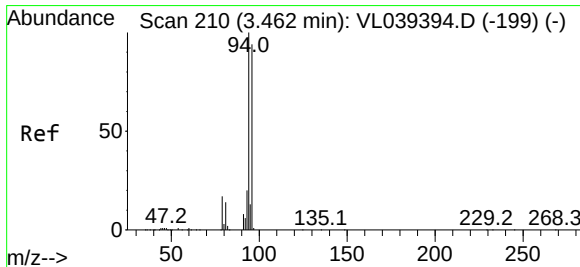
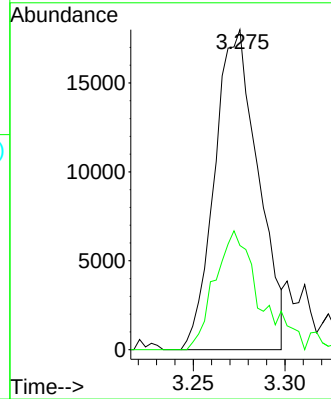
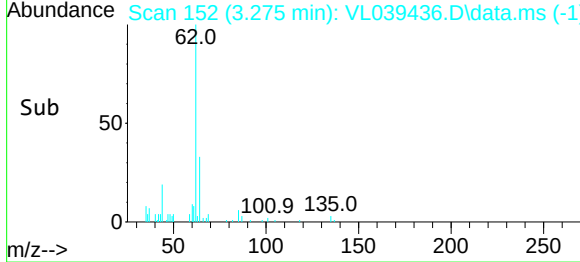
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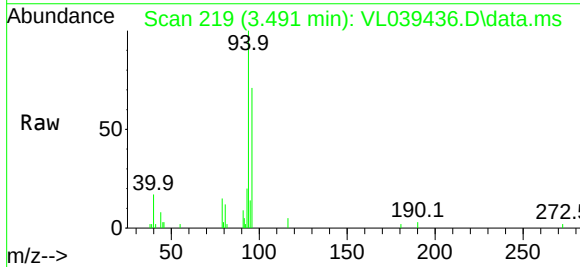
Tgt Ion: 62 Resp: 2969
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.6 36.8

Manual Integrations
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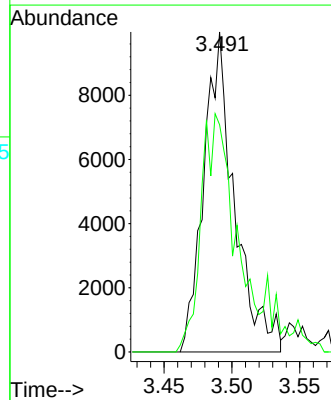
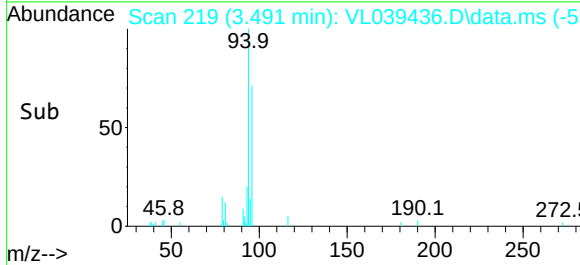
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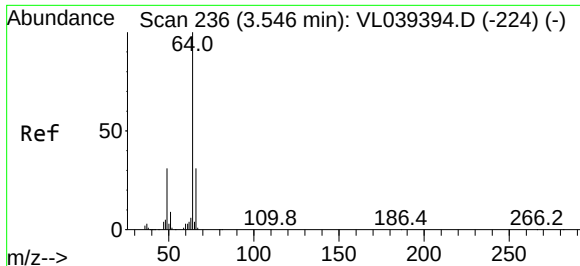


#6
 Bromomethane
 Concen: 0.503 ppbv m
 RT: 3.491 min Scan# 219
 Delta R.T. 0.029 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26



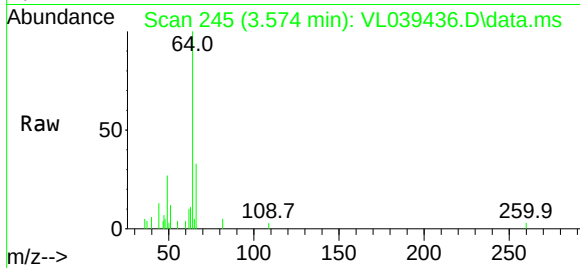
Tgt Ion: 94 Resp: 15726
 Ion Ratio Lower Upper
 94 100
 96 71.0 75.6 113.4#





#7
Chloroethane
Concen: 0.520 ppbv m
RT: 3.574 min Scan# 245
Delta R.T. 0.029 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

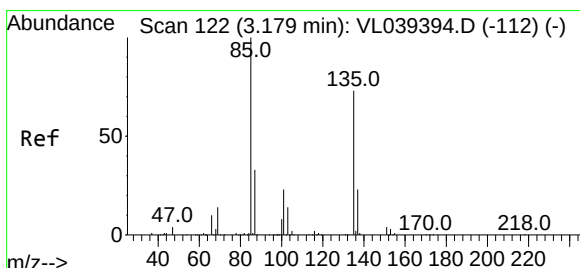
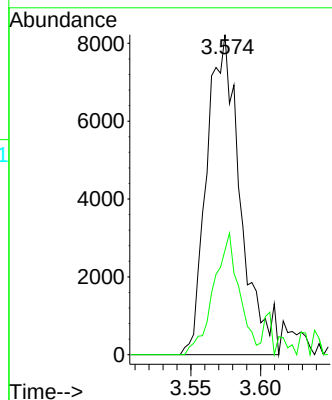
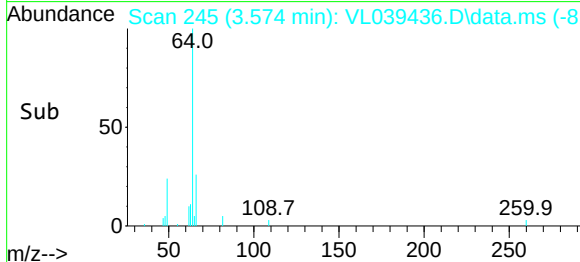
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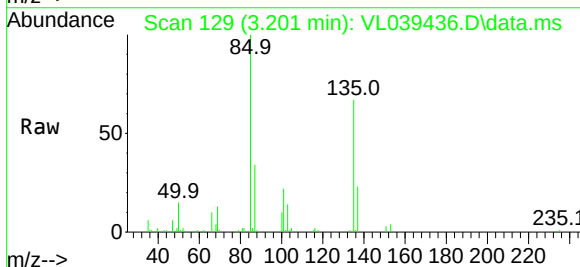
Tgt Ion: 64 Resp: 13750
Ion Ratio Lower Upper
64 100
66 32.7 24.7 37.1

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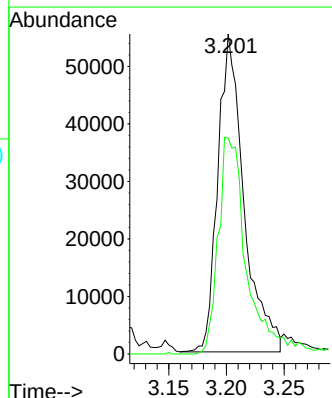
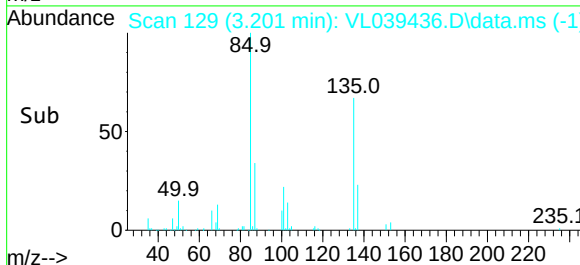
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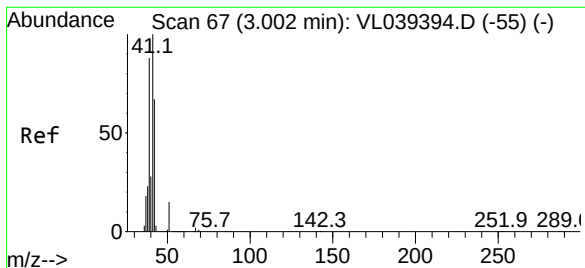


#8
Dichlorotetrafluoroethane
Concen: 0.510 ppbv
RT: 3.201 min Scan# 129
Delta R.T. 0.022 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



Tgt Ion: 85 Resp: 87263
Ion Ratio Lower Upper
85 100
135 75.1 59.0 88.4





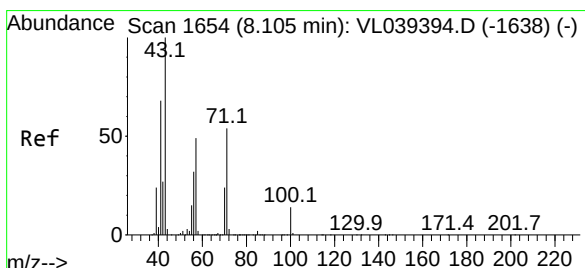
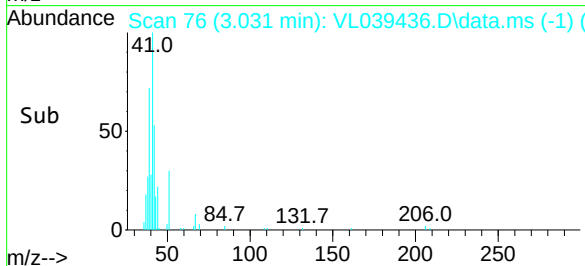
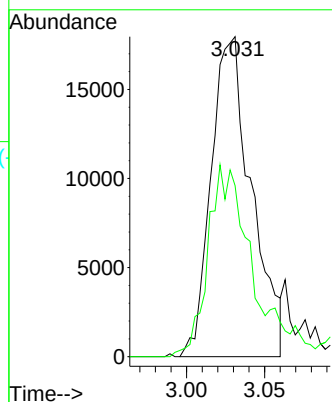
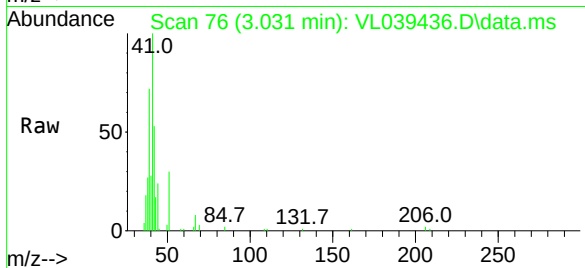
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 Propene
 Concen: 0.521 ppbv
 RT: 3.031 min Scan# 70
 Delta R.T. 0.029 min
 Lab File: VL039436.D
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Instrument :
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Tgt Ion: 41 Resp: 3240
 Ion Ratio Lower Upper
 41 100
 42 67.9 55.2 82.8

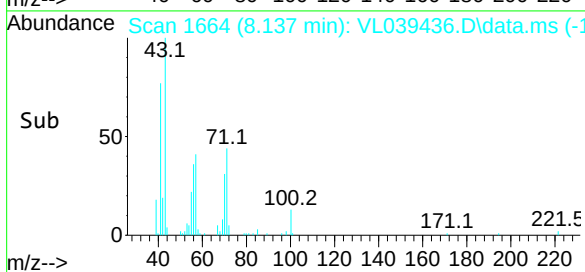
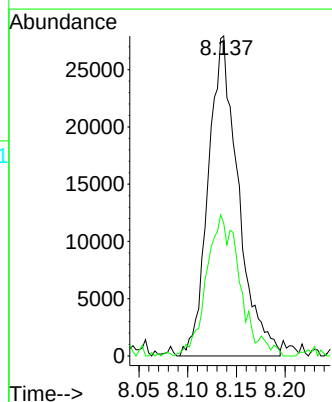
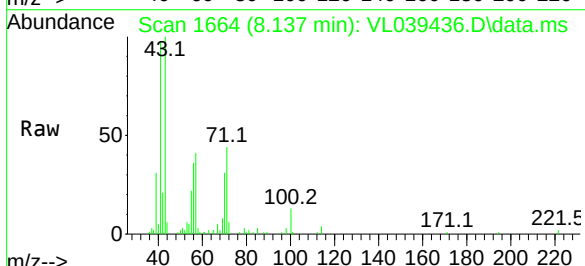
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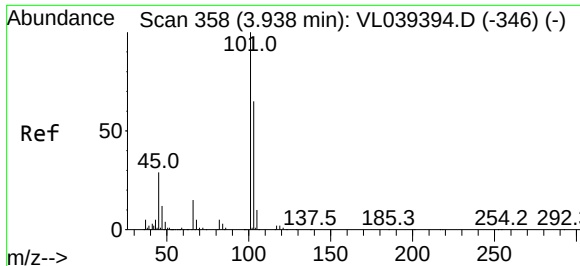
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#10
 Heptane
 Concen: 0.410 ppbv
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.032 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

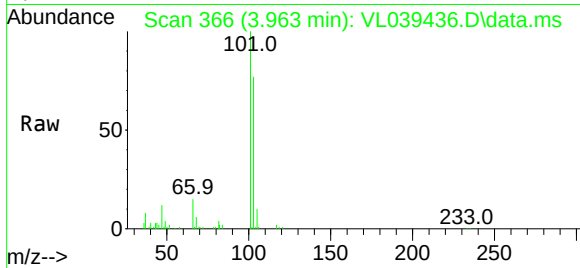
Tgt Ion: 43 Resp: 59704
 Ion Ratio Lower Upper
 43 100
 57 49.7 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 0.492 ppbv
 RT: 3.963 min Scan# 30
 Delta R.T. 0.026 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

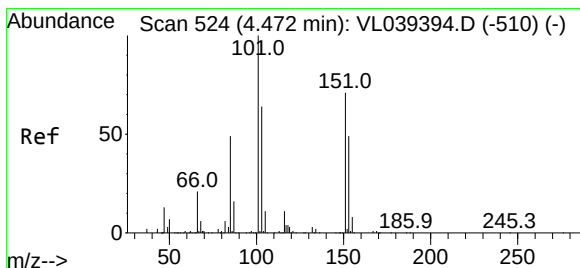
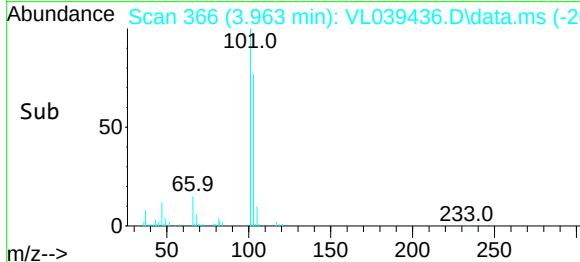
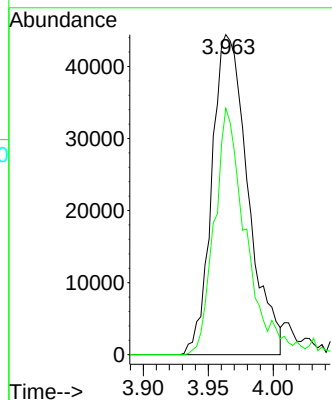
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



Tgt Ion:101 Resp: 85870
 Ion Ratio Lower Upper
 101 100
 103 77.0 51.8 77.8

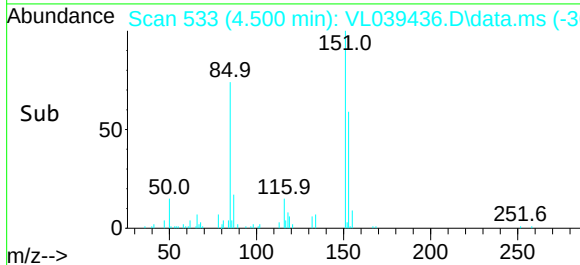
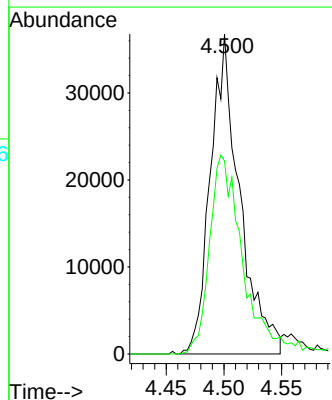
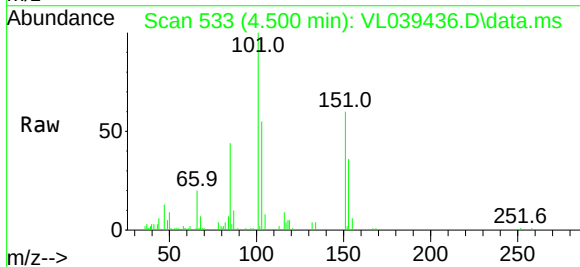
Manual Integrations
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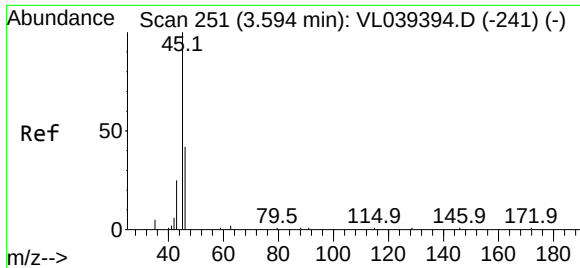
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.498 ppbv
 RT: 4.500 min Scan# 533
 Delta R.T. 0.029 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

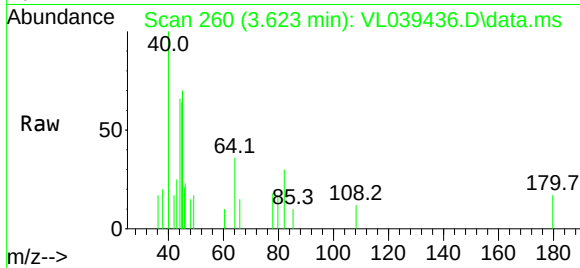
Tgt Ion:101 Resp: 64775
 Ion Ratio Lower Upper
 101 100
 151 72.0 58.9 88.3





#13
Ethanol
Concen: 0.625 ppbv m
RT: 3.623 min Scan# 2
Delta R.T. 0.029 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

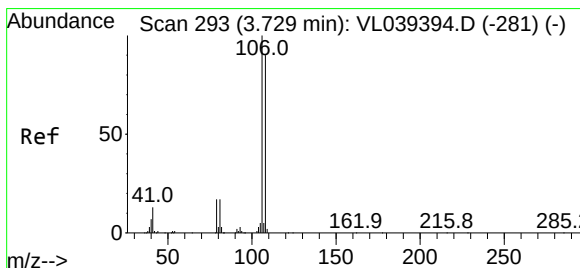
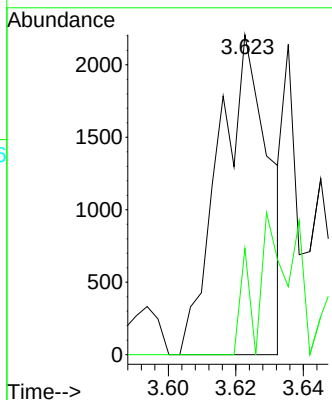
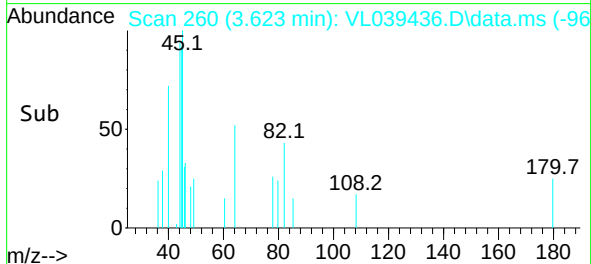
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



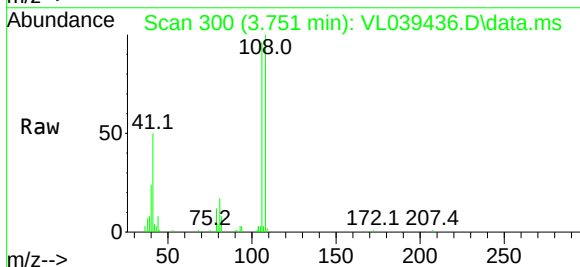
Tgt Ion: 45 Resp: 2254
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

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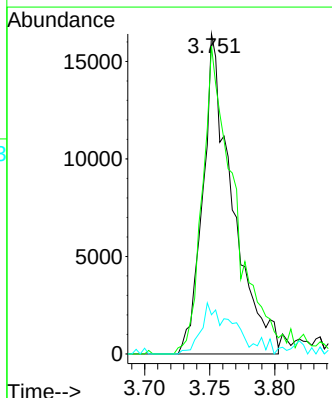
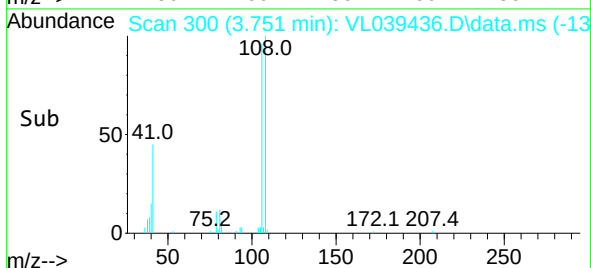
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

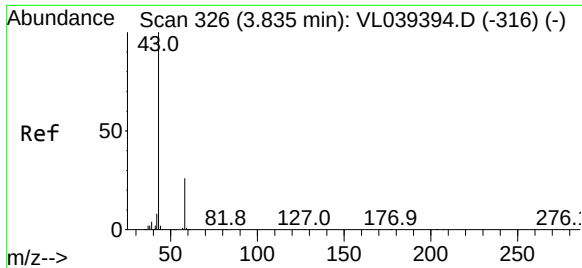


#14
Bromoethene
Concen: 0.475 ppbv m
RT: 3.751 min Scan# 300
Delta R.T. 0.022 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



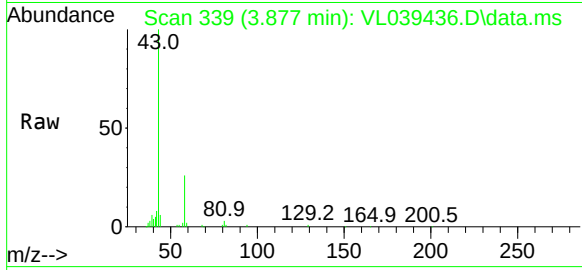
Tgt Ion:108 Resp: 25958
Ion Ratio Lower Upper
108 100
106 110.7 87.1 130.7
79 20.8 14.6 22.0





#15
Acetone
Concen: 0.621 ppbv m
RT: 3.877 min Scan# 31
Delta R.T. 0.042 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

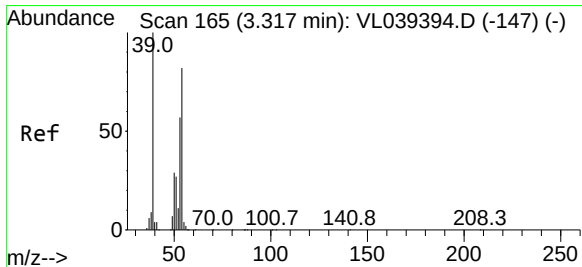
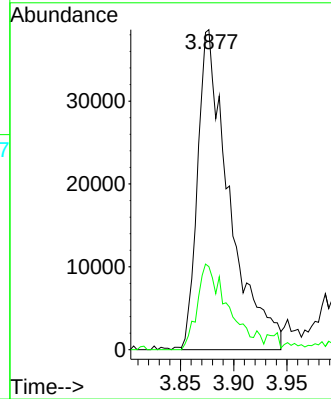
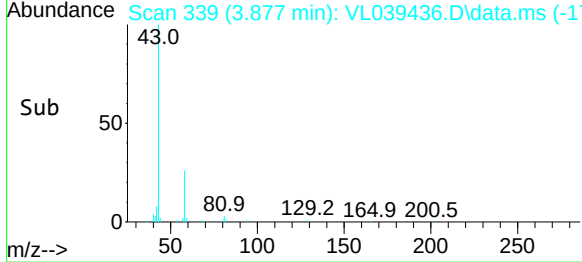
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



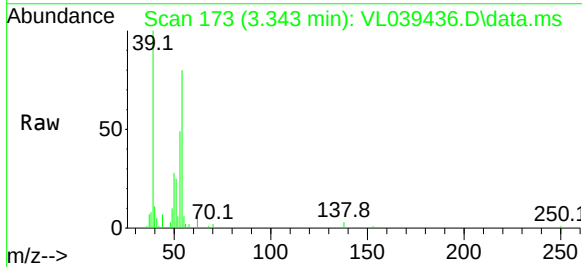
Tgt Ion: 43 Resp: 79792
Ion Ratio Lower Upper
43 100
58 29.0 21.0 31.6

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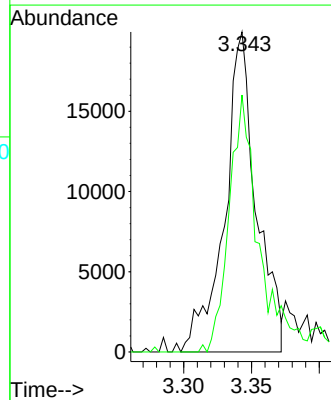
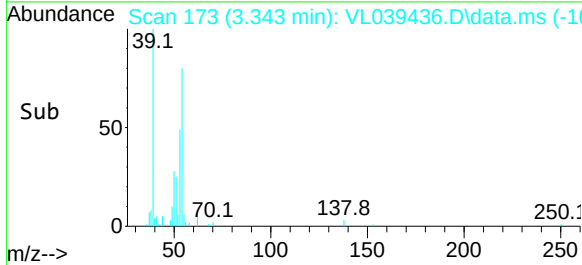
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

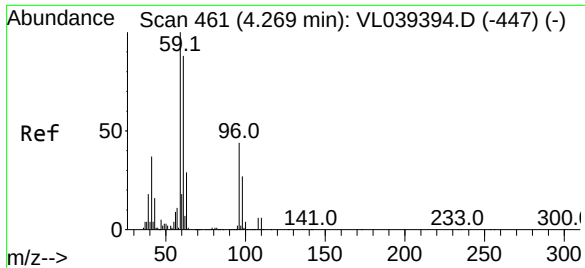


#16
1,3-Butadiene
Concen: 0.486 ppbv
RT: 3.343 min Scan# 173
Delta R.T. 0.026 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



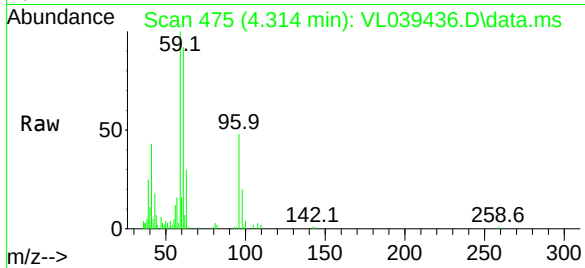
Tgt Ion: 39 Resp: 32396
Ion Ratio Lower Upper
39 100
54 80.7 63.7 95.5





#17
tert-Butyl alcohol
Concen: 0.505 ppbv m
RT: 4.314 min Scan# 41
Delta R.T. 0.045 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

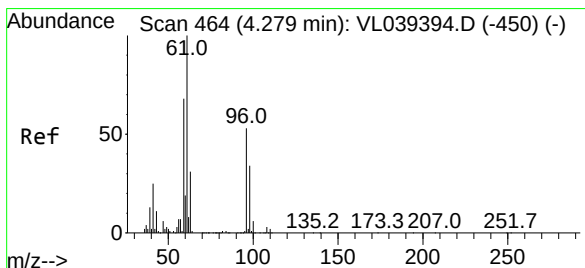
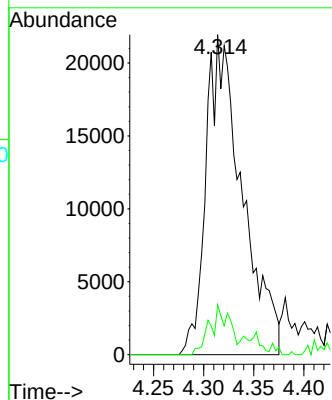
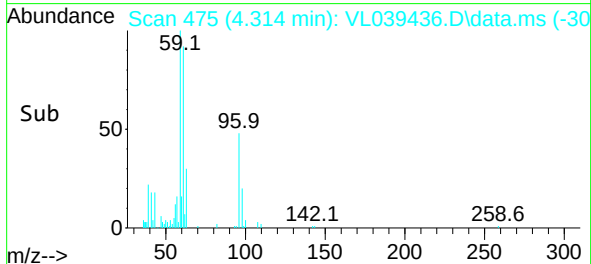
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



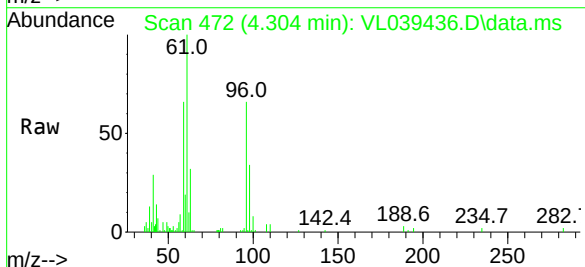
Tgt Ion: 59 Resp: 5508
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

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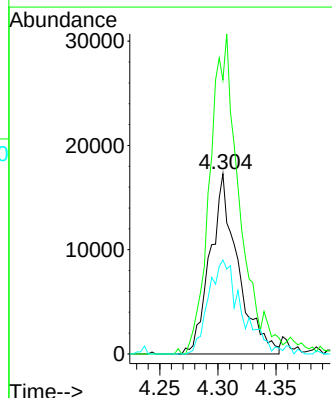
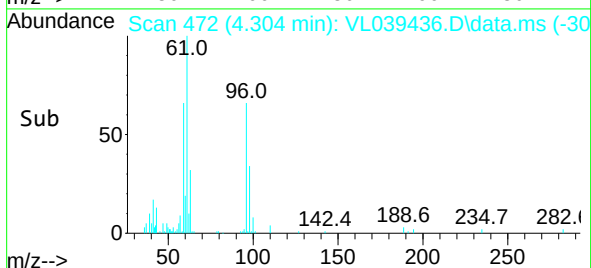
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

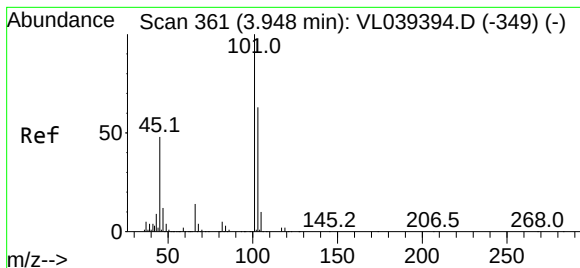


#18
1,1-Dichloroethene
Concen: 0.485 ppbv m
RT: 4.304 min Scan# 472
Delta R.T. 0.026 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



Tgt Ion: 96 Resp: 28608
Ion Ratio Lower Upper
96 100
61 152.1 152.2 228.4#
98 52.2 51.8 77.6





#19

Isopropyl Alcohol

Concen: 0.465 ppbv

RT: 3.992 min Scan# 3188

Delta R.T. 0.045 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

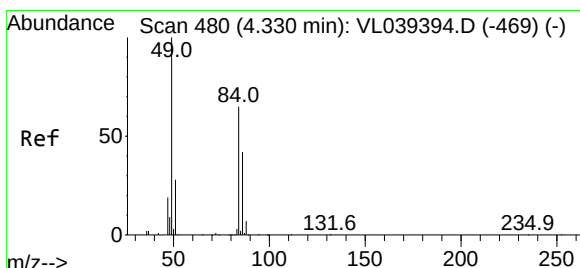
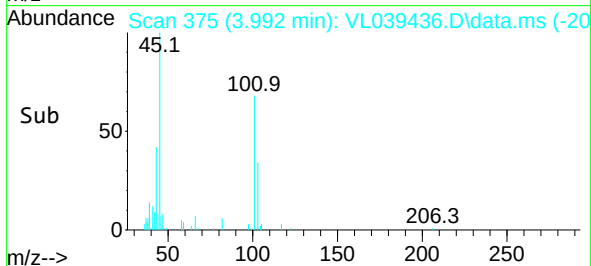
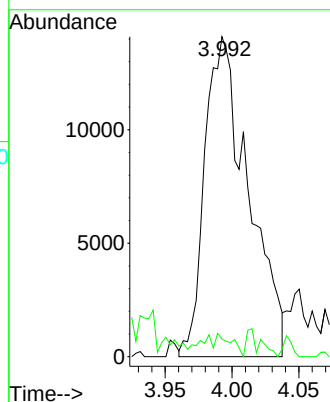
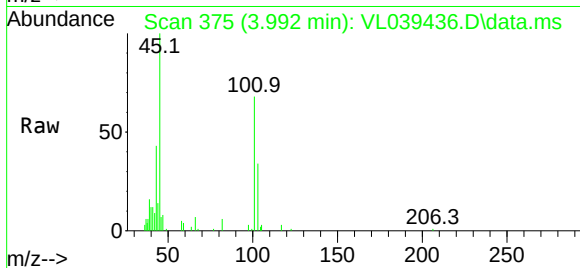
MDL-AIR-03-QT2-2022

Tgt Ion: 45 Resp: 3188
 Ion Ratio Lower Upper
 45 100
 58 2.2 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: 0.578 ppbv

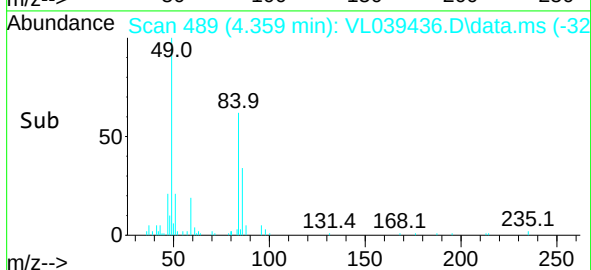
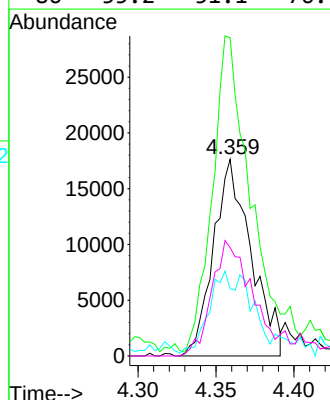
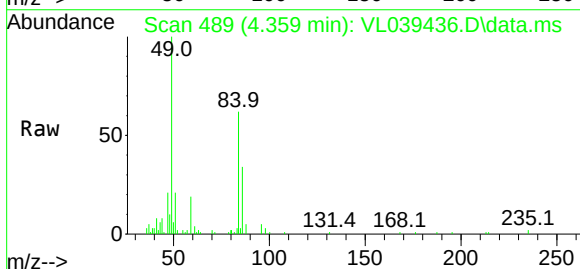
RT: 4.359 min Scan# 489

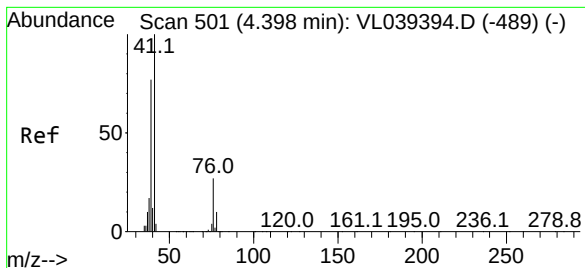
Delta R.T. 0.029 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Tgt Ion: 84 Resp: 29594
 Ion Ratio Lower Upper
 84 100
 49 159.0 123.1 184.7
 51 32.7 34.4 51.6#
 86 55.2 51.1 76.7





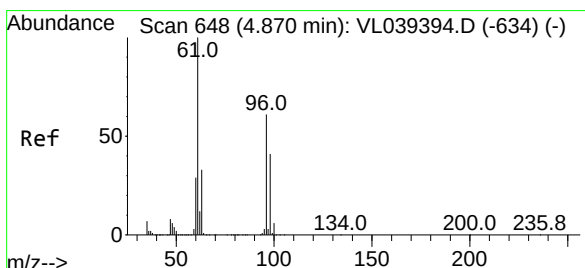
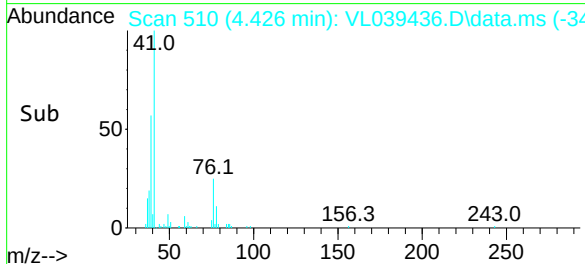
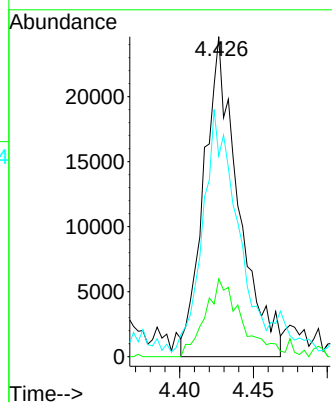
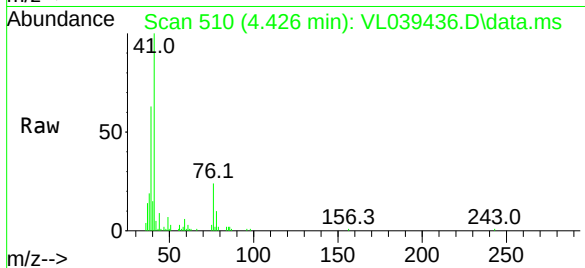
#21
 Allyl Chloride
 Concen: 0.450 ppbv m
 RT: 4.426 min Scan# 51
 Delta R.T. 0.029 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022

Tgt Ion: 41 Resp: 4002
 Ion Ratio Lower Upper
 41 100
 76 26.9 24.4 36.6
 39 90.4 63.5 95.3

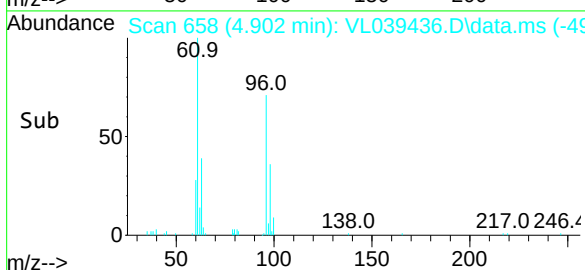
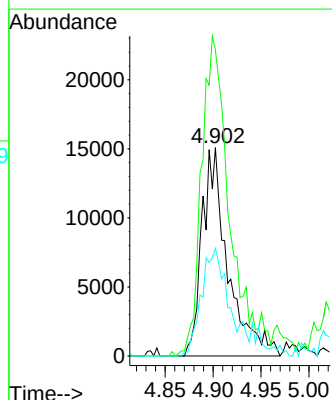
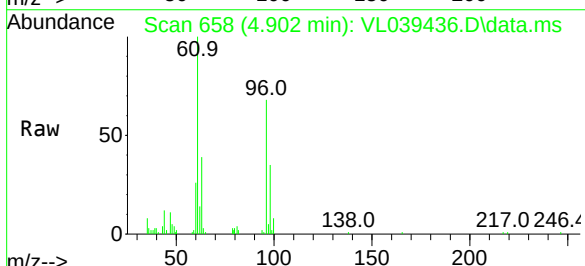
Manual Integrations
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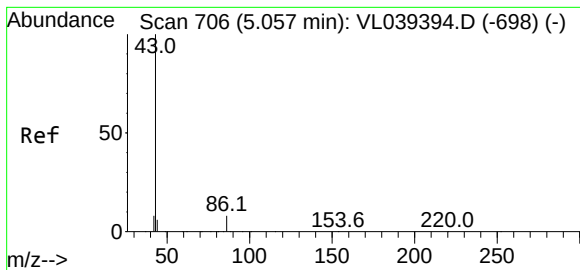
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.494 ppbv m
 RT: 4.902 min Scan# 658
 Delta R.T. 0.032 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

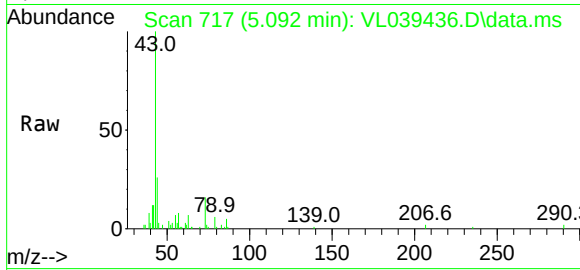
Tgt Ion: 96 Resp: 28181
 Ion Ratio Lower Upper
 96 100
 61 146.9 130.6 195.8
 98 51.7 53.4 80.0#





#23
 Vinyl Acetate
 Concen: 0.437 ppbv m
 RT: 5.092 min Scan# 717
 Delta R.T. 0.035 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

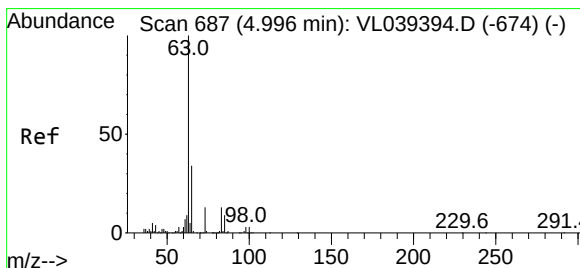
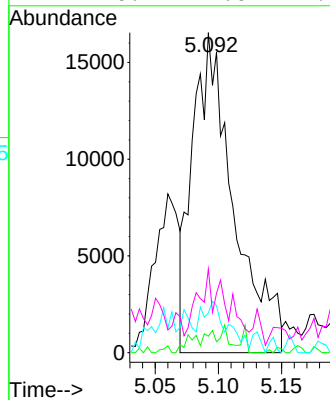
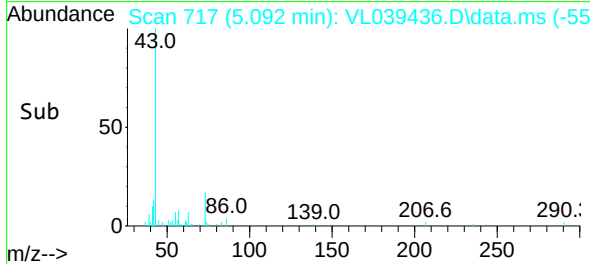
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



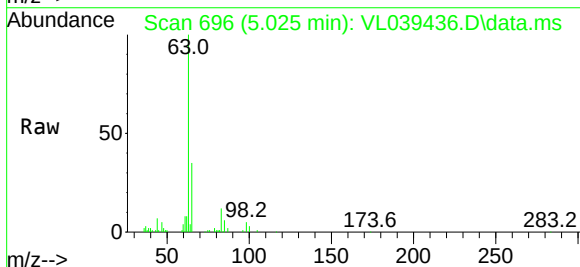
Tgt Ion: 43 Resp: 3749
 Ion Ratio Lower Upper
 43 100
 86 5.2 5.0 7.6
 42 12.4 7.7 11.5
 44 26.1 4.6 7.0#

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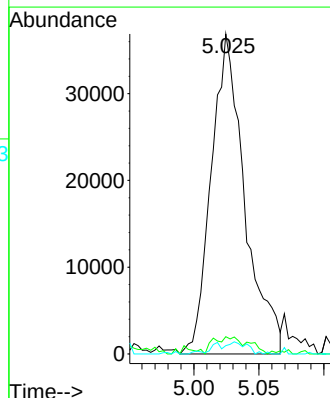
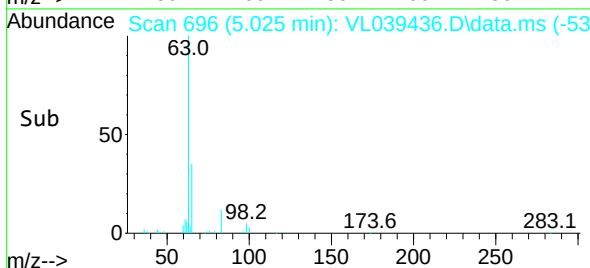
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

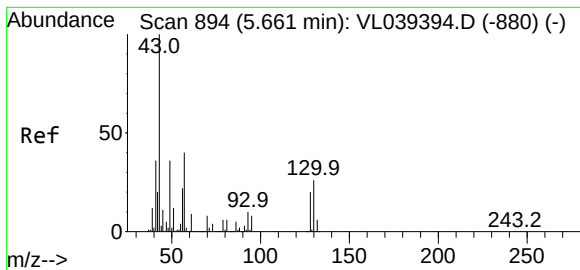


#24
 1,1-Dichloroethane
 Concen: 0.545 ppbv
 RT: 5.025 min Scan# 696
 Delta R.T. 0.029 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26



Tgt Ion: 63 Resp: 66038
 Ion Ratio Lower Upper
 63 100
 98 5.4 1.8 5.3#
 100 2.6 1.5 4.4





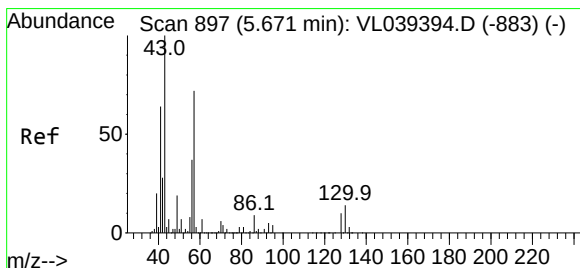
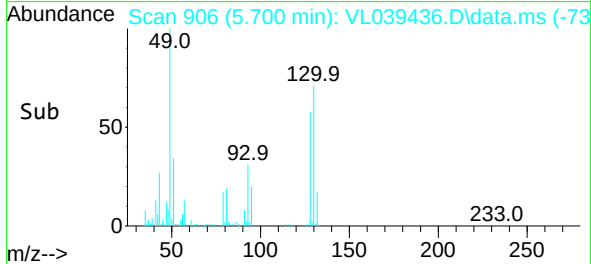
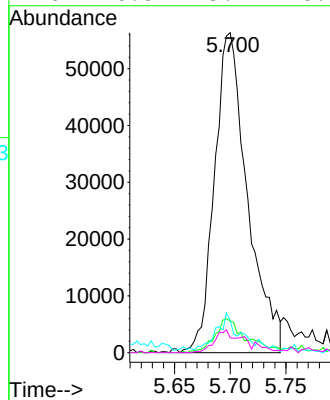
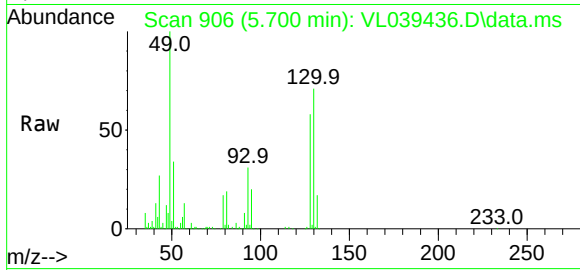
#25
Ethyl Acetate
Concen: 0.441 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.038 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 43	Resp: 11609
Ion Ratio	Lower Upper
43 100	
45 11.5	8.2 12.4
61 11.9	8.3 12.5
70 6.8	5.9 8.9

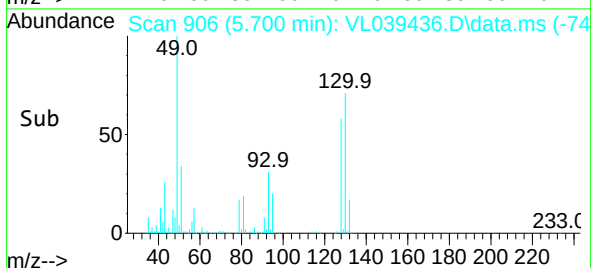
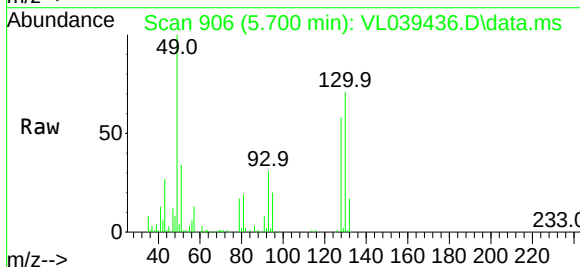
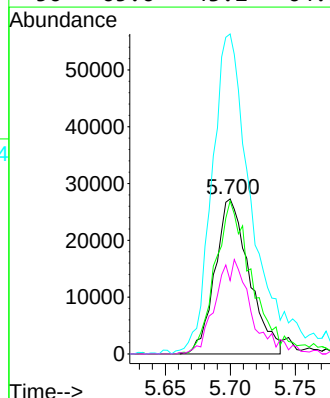
Manual Integrations
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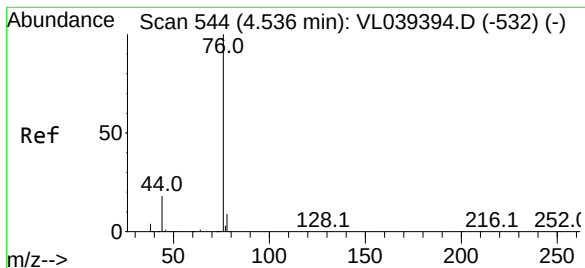
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#26
Hexane
Concen: 0.470 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

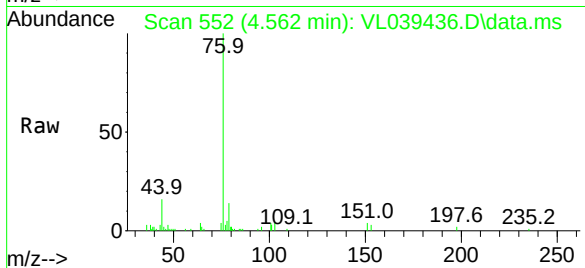
Tgt Ion: 57	Resp: 49877
Ion Ratio	Lower Upper
57 100	
41 112.4	76.9 115.3
43 259.8	191.0 286.6
56 65.6	43.2 64.8





#27
Carbon Disulfide
Concen: 0.389 ppbv m
RT: 4.562 min Scan# 51
Delta R.T. 0.026 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

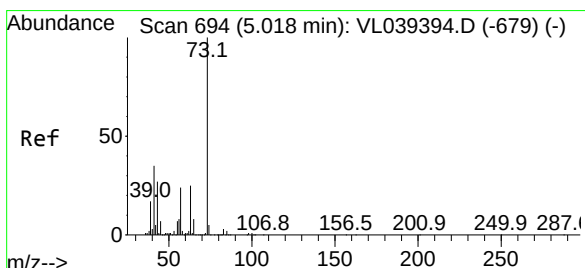
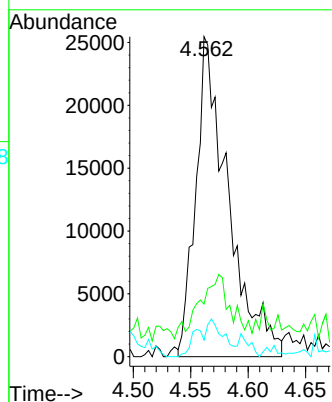
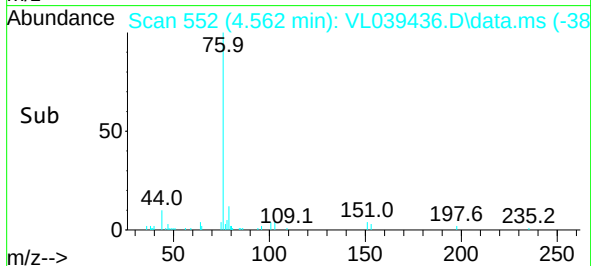
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



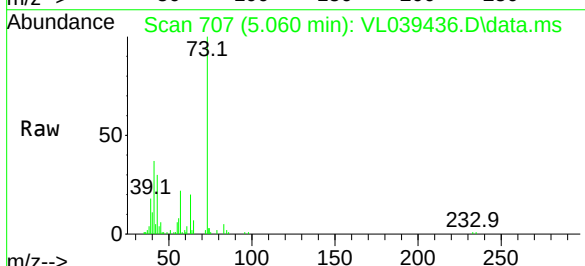
Tgt Ion: 76 Resp: 4988
Ion Ratio Lower Upper
76 100
44 0.0 14.6 21.8
78 0.0 7.8 11.6

Manual Integrations
APPROVED

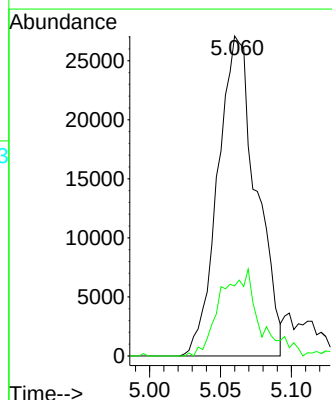
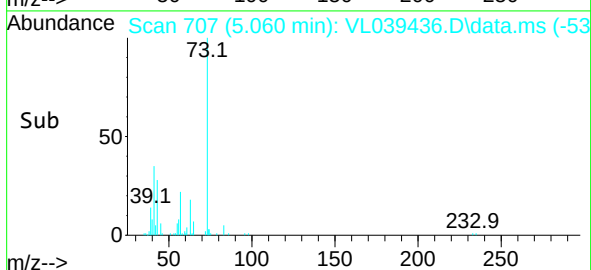
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

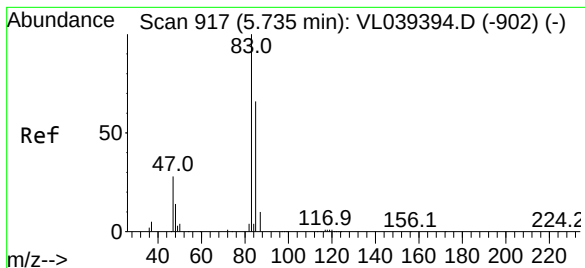


#28
Methyl tert-Butyl Ether
Concen: 0.452 ppbv
RT: 5.060 min Scan# 707
Delta R.T. 0.042 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



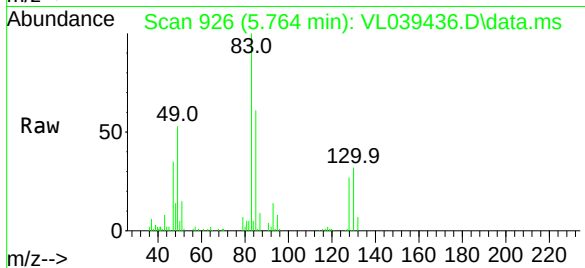
Tgt Ion: 73 Resp: 51287
Ion Ratio Lower Upper
73 100
57 28.4 19.8 29.8





#29
Chloroform
Concen: 0.469 ppbv
RT: 5.764 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

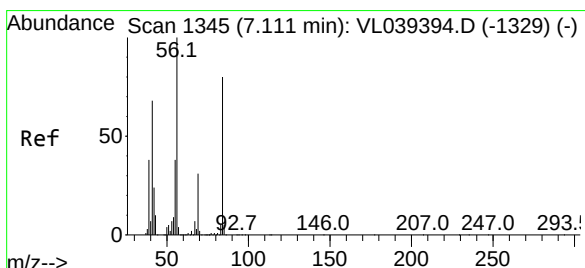
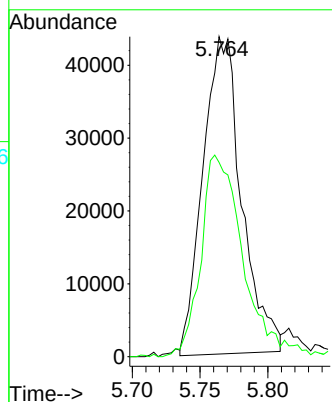
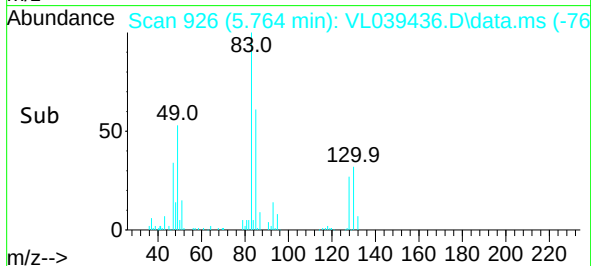
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



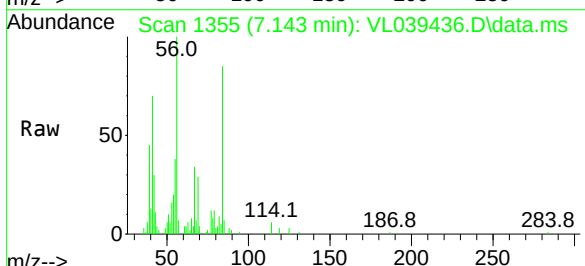
Tgt Ion: 83 Resp: 86648
Ion Ratio Lower Upper
83 100
85 59.0 52.8 79.2

Manual Integrations
APPROVED

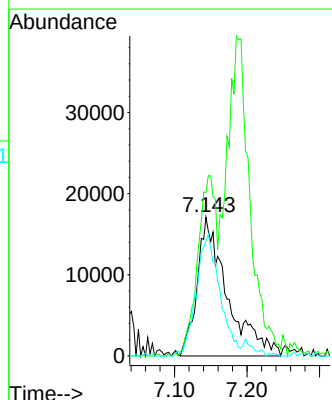
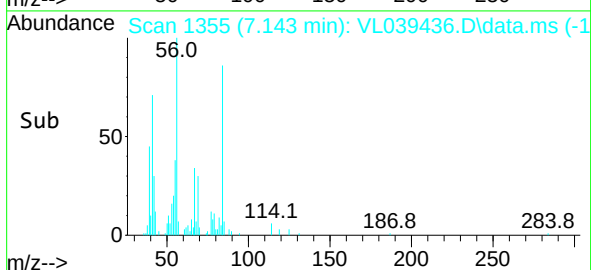
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

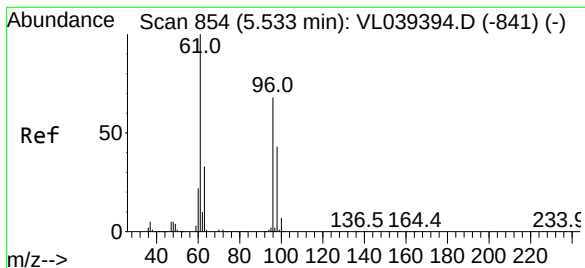


#30
Cyclohexane
Concen: 0.512 ppbv m
RT: 7.143 min Scan# 1355
Delta R.T. 0.032 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



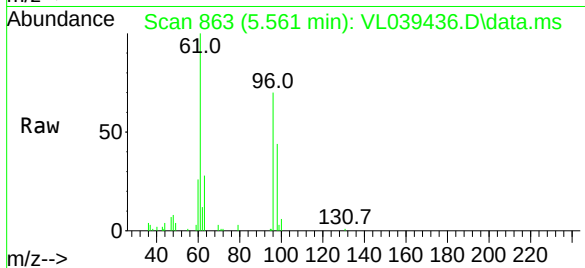
Tgt Ion: 84 Resp: 49512
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 72.8 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 0.434 ppbv m
 RT: 5.561 min Scan# 80
 Delta R.T. 0.029 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

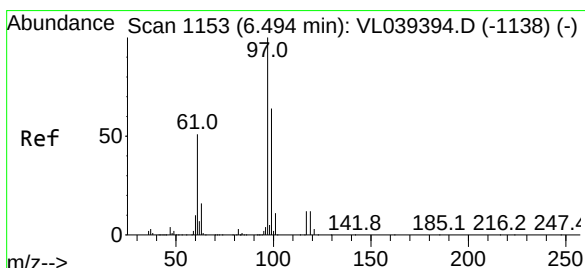
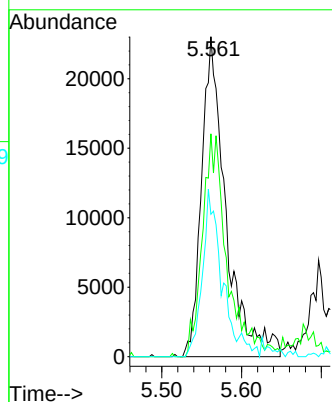
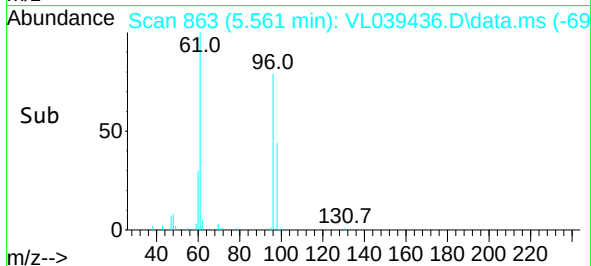
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



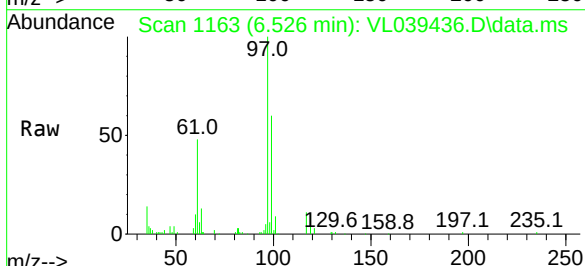
Tgt Ion: 61 Resp: 48878
 Ion Ratio Lower Upper
 61 100
 96 69.7 54.1 81.1
 98 44.5 34.6 52.0

Manual Integrations
 APPROVED

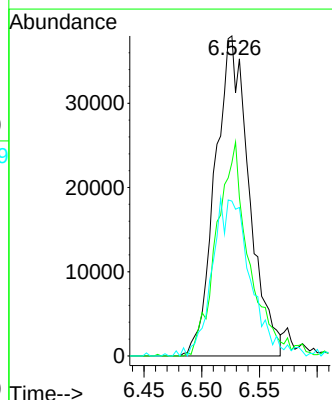
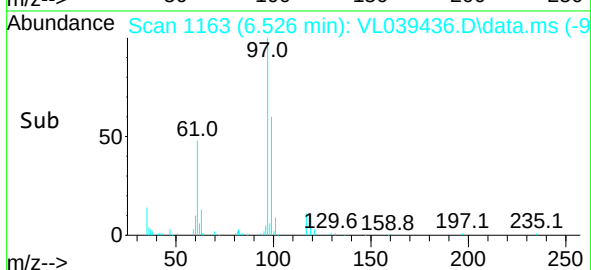
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

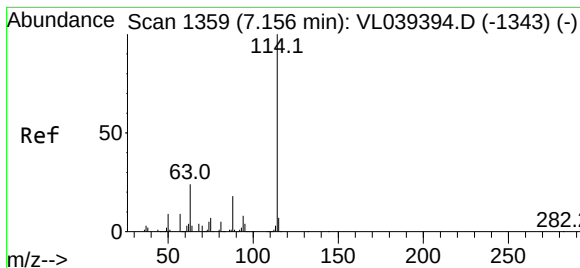


#32
 1,1,1-Trichloroethane
 Concen: 0.428 ppbv
 RT: 6.526 min Scan# 1163
 Delta R.T. 0.032 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26



Tgt Ion: 97 Resp: 78016
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.3 78.5
 61 55.9 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.188 min Scan# 114

Delta R.T. 0.032 min

Lab File: VL039436.D

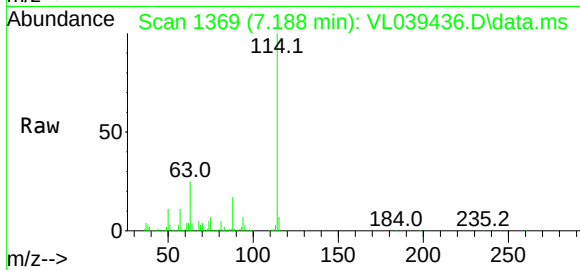
Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



Tgt Ion:114 Resp: 306934

Ion Ratio Lower Upper

114 100

63 26.1 20.2 30.4

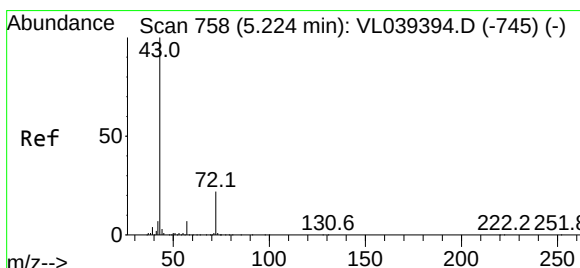
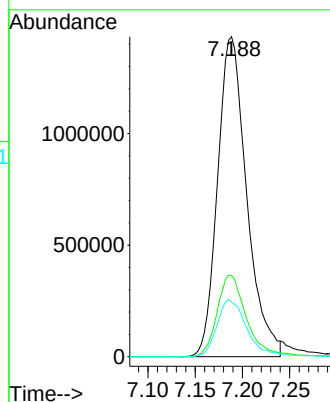
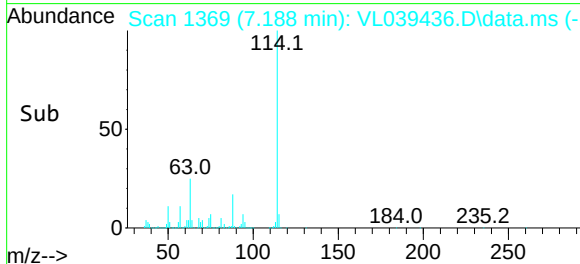
88 18.7 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#34

2-Butanone

Concen: 0.482 ppbv m

RT: 5.269 min Scan# 772

Delta R.T. 0.045 min

Lab File: VL039436.D

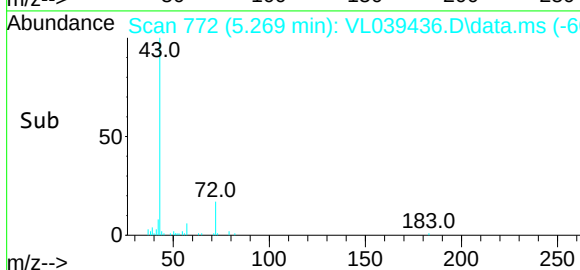
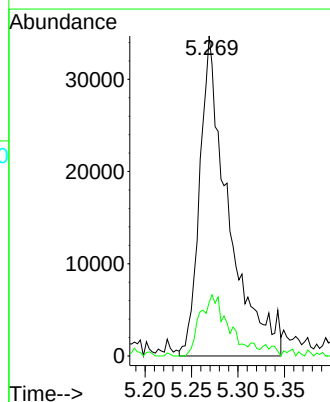
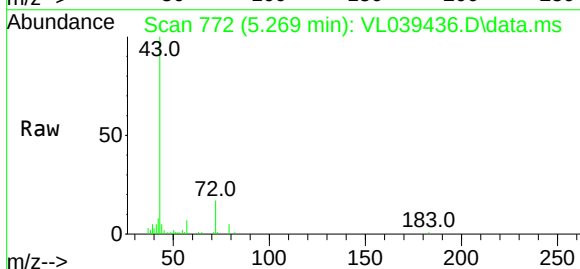
Acq: 6 Jul 2022 2:26

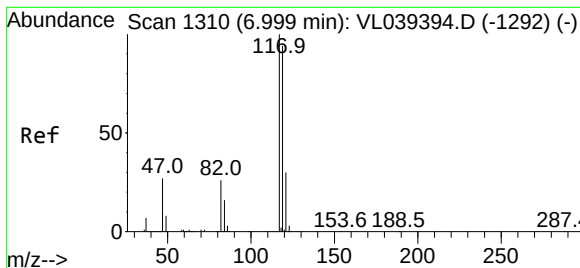
Tgt Ion: 43 Resp: 74435

Ion Ratio Lower Upper

43 100

72 21.7 17.9 26.9





#35

Carbon Tetrachloride

Concen: 0.437 ppbv m

RT: 7.028 min Scan# 1

Delta R.T. 0.029 min

Lab File: VL039436.D

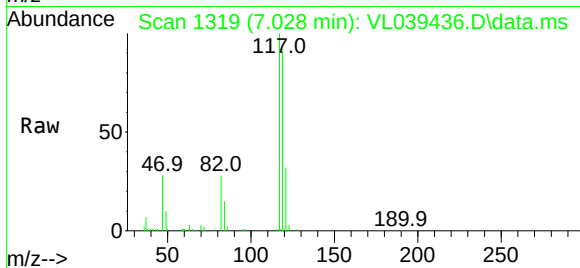
Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

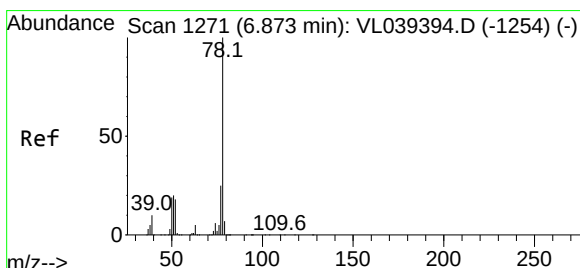
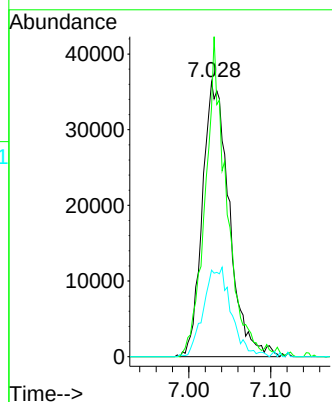
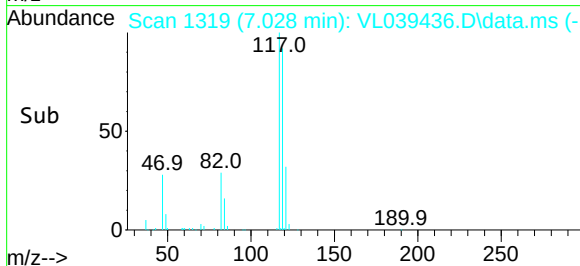


Tgt Ion:	117	Resp:	8289
Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.4	113.2
121	31.5	24.2	36.2

Manual Integrations

APPROVED

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



#36

Benzene

Concen: 0.429 ppbv m

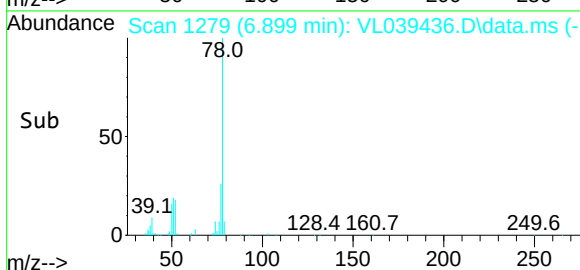
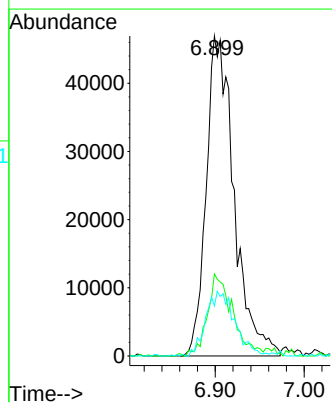
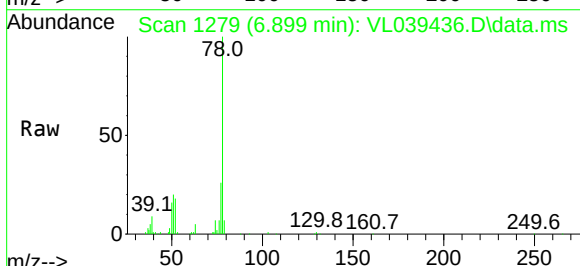
RT: 6.899 min Scan# 1279

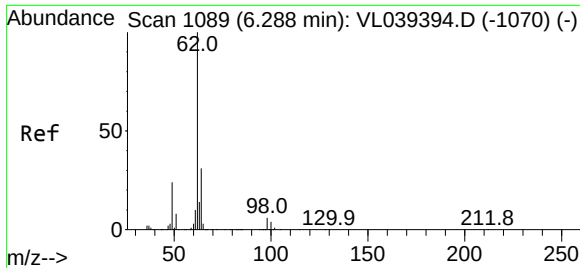
Delta R.T. 0.026 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

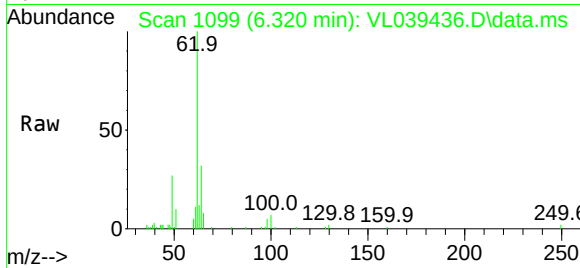
Tgt Ion:	78	Resp:	101884
Ion	Ratio	Lower	Upper
78	100		
77	25.7	20.3	30.5
50	15.6	15.5	23.3





#37
1,2-Dichloroethane
Concen: 0.435 ppbv
RT: 6.320 min Scan# 1089
Delta R.T. 0.032 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

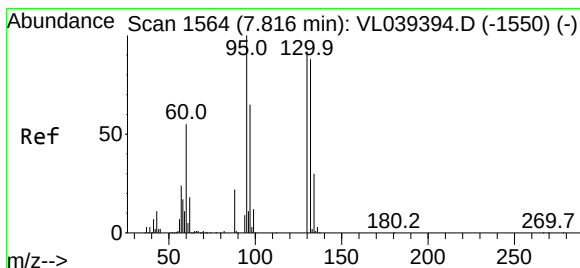
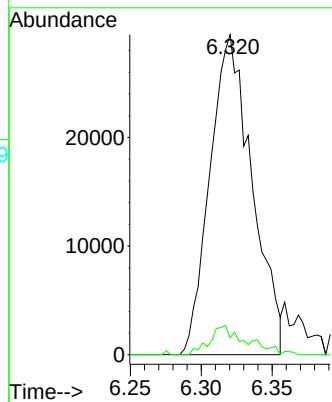
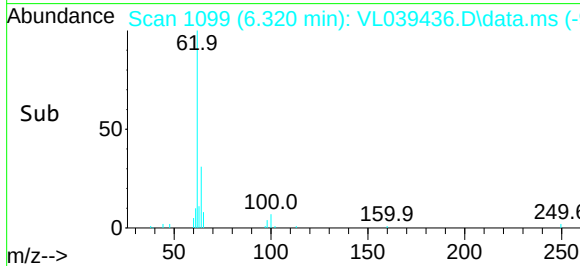
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 62 Resp: 6093
Ion Ratio Lower Upper
62 100
98 7.9 5.1 7.7

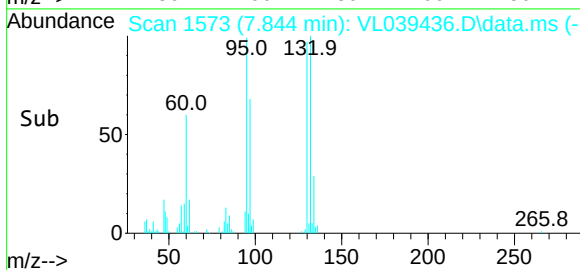
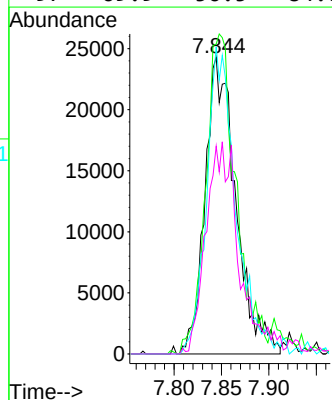
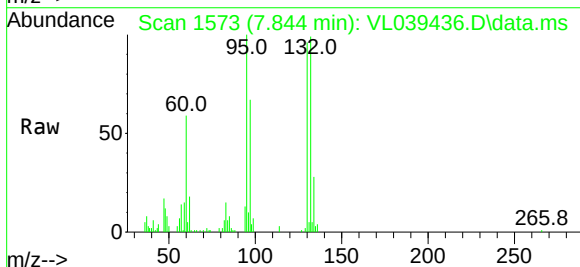
Manual Integrations
APPROVED

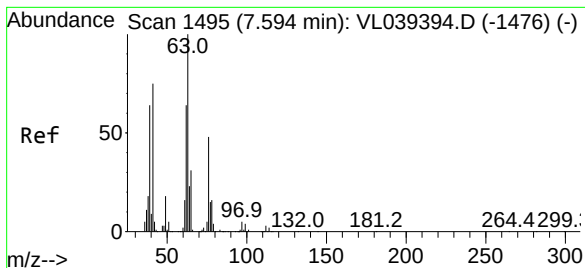
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#38
Trichloroethene
Concen: 0.427 ppbv m
RT: 7.844 min Scan# 1573
Delta R.T. 0.029 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

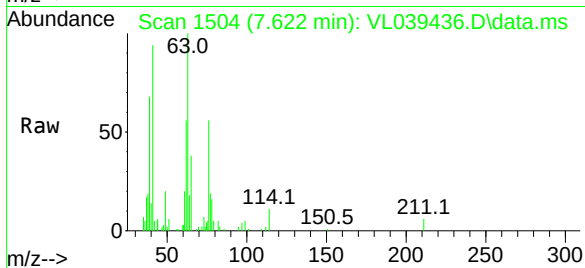
Tgt Ion:130 Resp: 54894
Ion Ratio Lower Upper
130 100
95 104.4 87.3 130.9
132 103.5 76.7 115.1
97 69.9 56.5 84.7





#39
1,2-Dichloropropane
Concen: 0.451 ppbv m
RT: 7.622 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

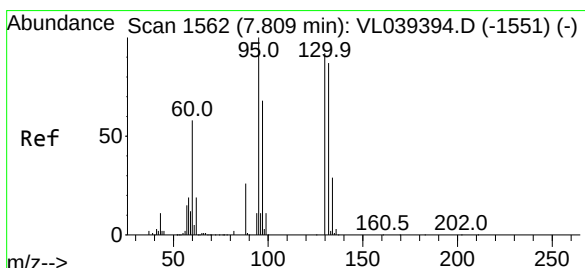
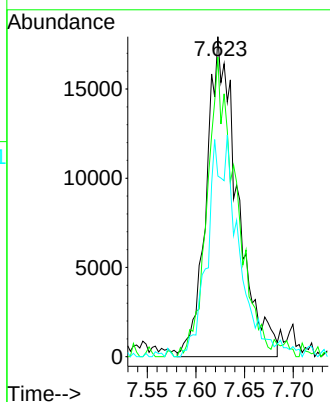
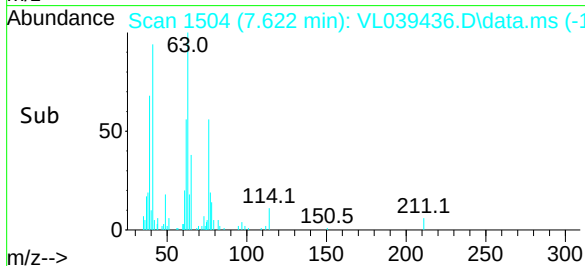
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 63 Resp: 39994
Ion Ratio Lower Upper
63 100
41 93.6 59.6 89.4#
62 56.5 51.4 77.0

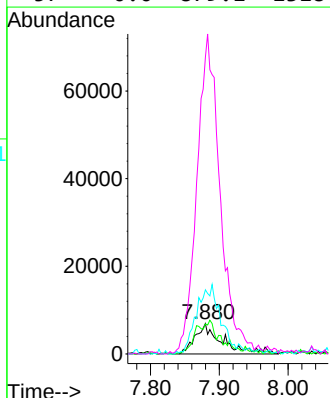
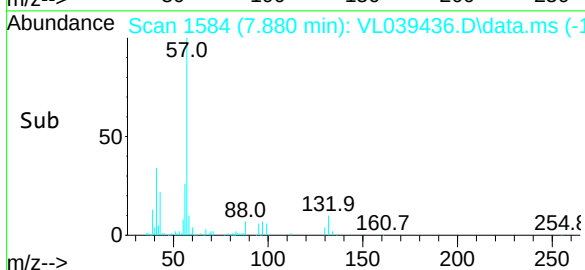
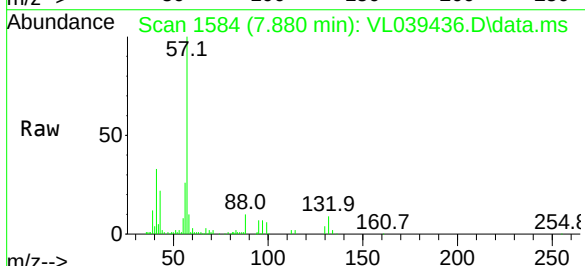
Manual Integrations
APPROVED

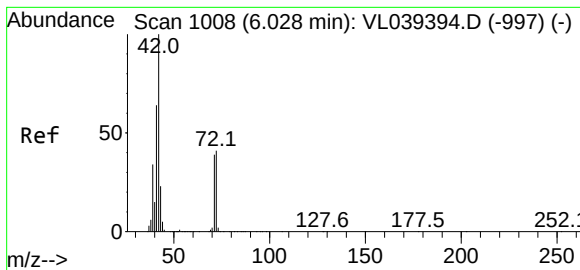
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#40
1,4-Dioxane
Concen: 0.535 ppbv m
RT: 7.880 min Scan# 1584
Delta R.T. 0.071 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

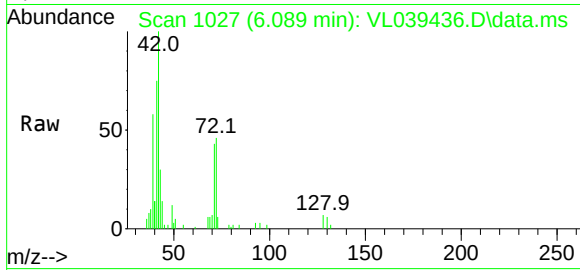
Tgt Ion: 88 Resp: 18926
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 0.380 ppbv m
RT: 6.089 min Scan# 1008
Delta R.T. 0.061 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

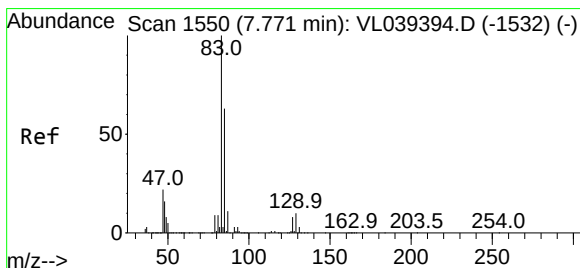
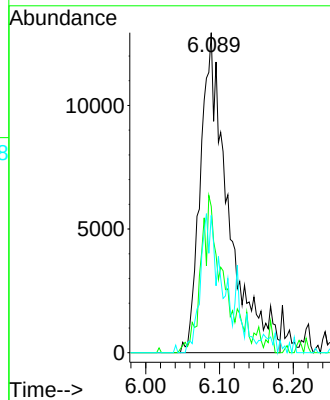
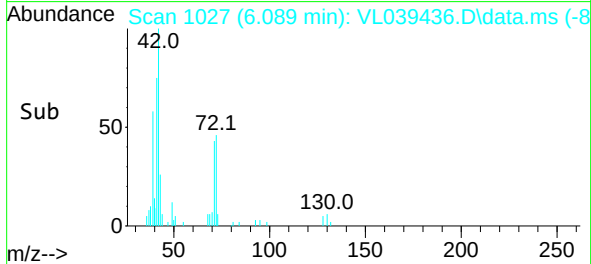
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2022



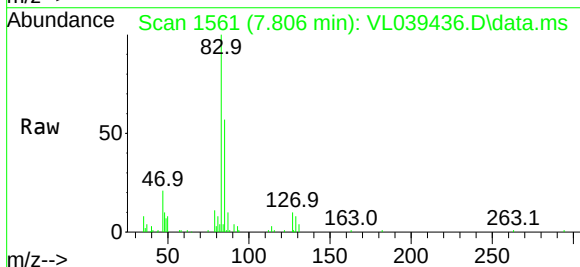
Tgt Ion: 42 Resp: 3406
Ion Ratio Lower Upper
42 100
72 41.0 31.8 47.8
71 38.0 31.8 47.8

Manual Integrations
APPROVED

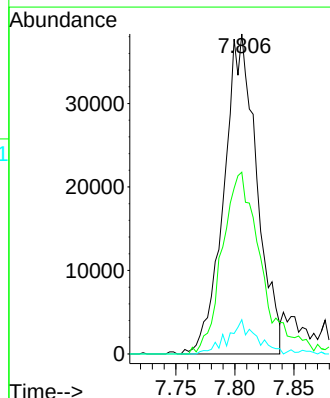
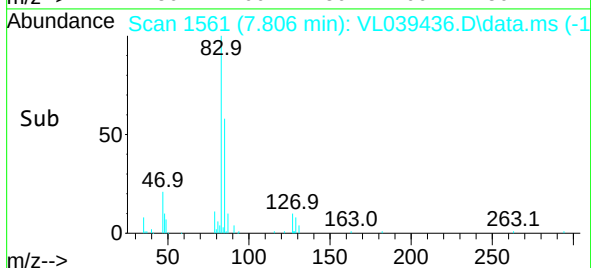
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

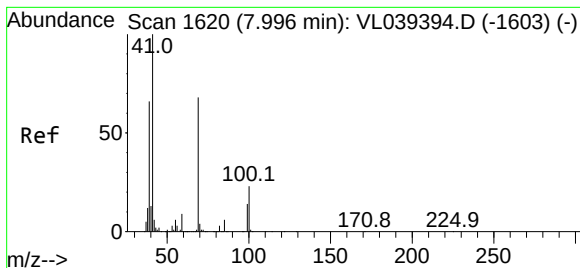


#42
Bromodichloromethane
Concen: 0.395 ppbv m
RT: 7.806 min Scan# 1561
Delta R.T. 0.035 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



Tgt Ion: 83 Resp: 74711
Ion Ratio Lower Upper
83 100
85 56.8 50.7 76.1
127 9.9 6.6 9.8





#43

Methyl Methacrylate

Concen: 0.361 ppbv m

RT: 8.028 min Scan# 1

Delta R.T. 0.032 min

Lab File: VL039436.D

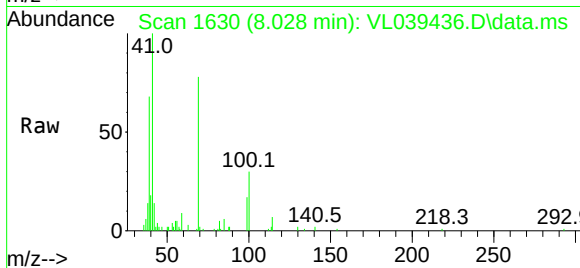
Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



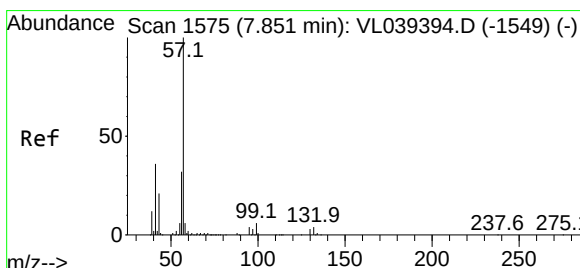
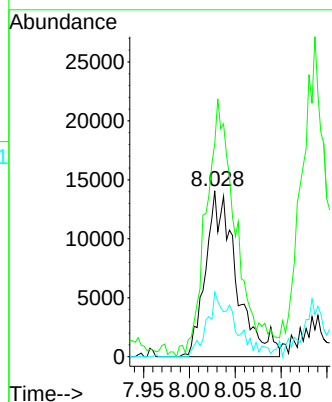
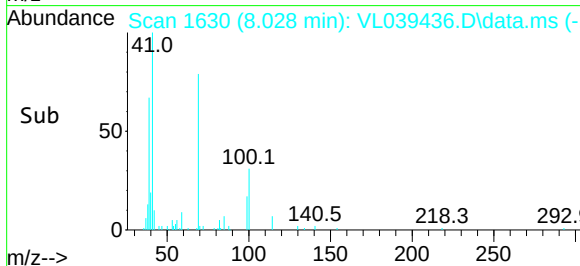
Tgt Ion: 69 Resp: 3257

Ion	Ratio	Lower	Upper
69	100		
41	157.7	120.8	181.2
100	35.9	27.8	41.6

Manual Integrations

APPROVED

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



#44

2,2,4-Trimethylpentane

Concen: 0.425 ppbv m

RT: 7.883 min Scan# 1585

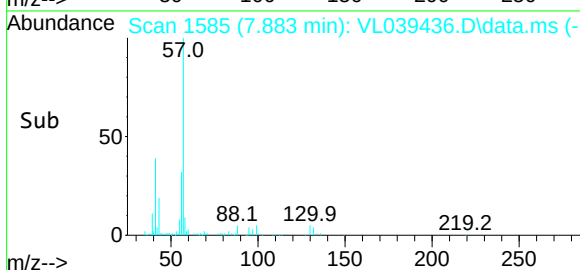
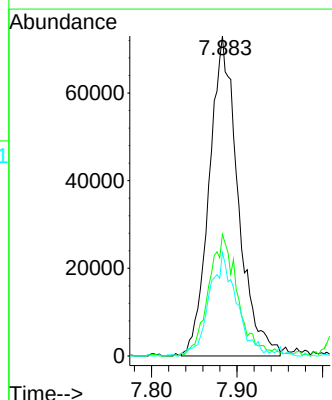
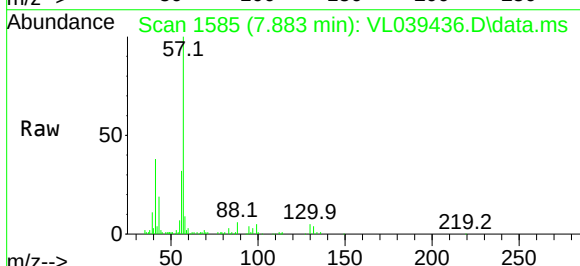
Delta R.T. 0.032 min

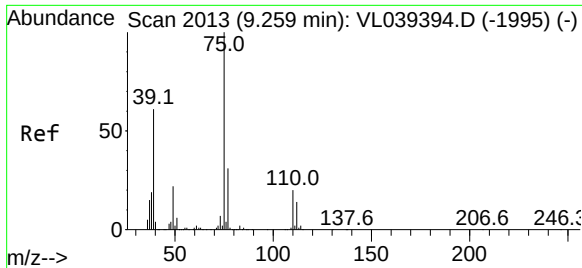
Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Tgt Ion: 57 Resp: 170908

Ion	Ratio	Lower	Upper
57	100		
41	38.6	27.4	41.2
56	31.7	24.5	36.7





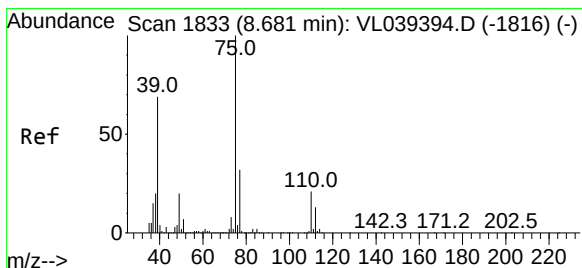
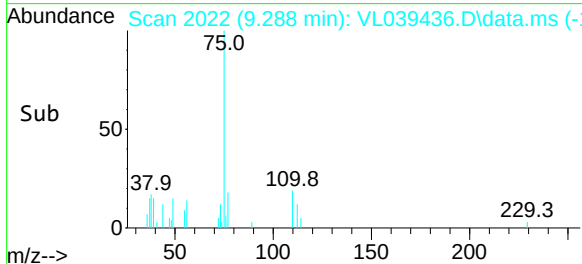
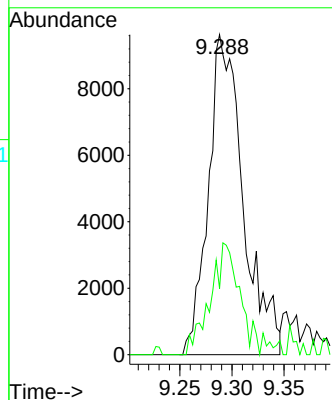
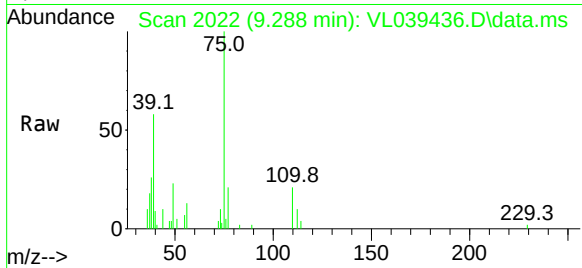
#45
t-1,3-Dichloropropene
Concen: 0.279 ppbv m
RT: 9.288 min Scan# 20
Delta R.T. 0.029 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 75 Resp: 2242
Ion Ratio Lower Upper
75 100
77 20.7 24.6 36.8

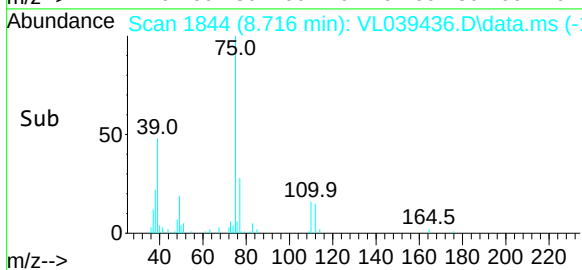
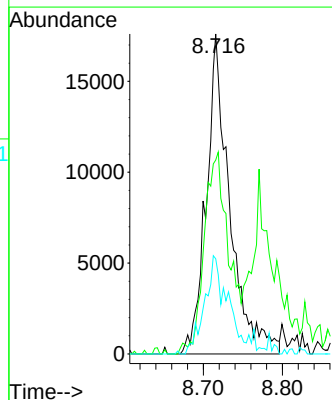
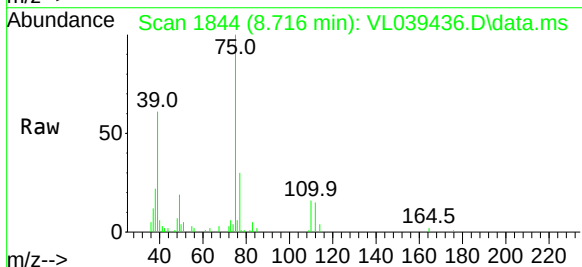
Manual Integrations
APPROVED

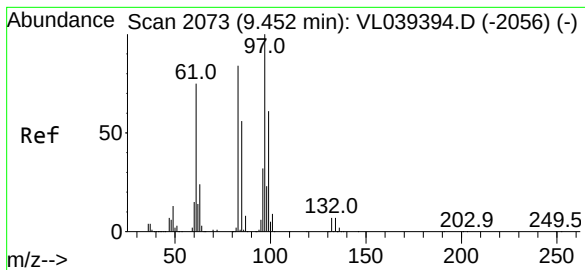
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#46
cis-1,3-Dichloropropene
Concen: 0.327 ppbv m
RT: 8.716 min Scan# 1844
Delta R.T. 0.035 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

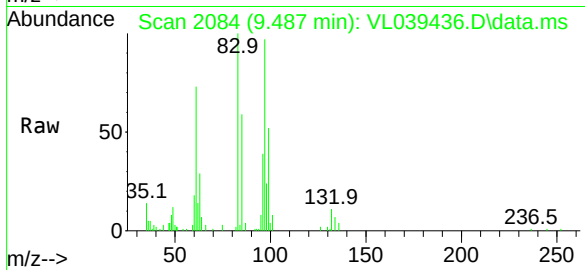
Tgt Ion: 75 Resp: 36249
Ion Ratio Lower Upper
75 100
39 60.6 55.0 82.4
77 29.7 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 0.445 ppbv m
RT: 9.487 min Scan# 2073
Delta R.T. 0.035 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

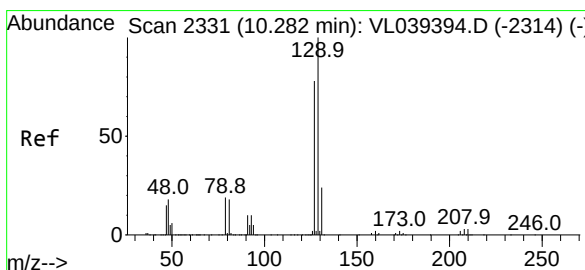
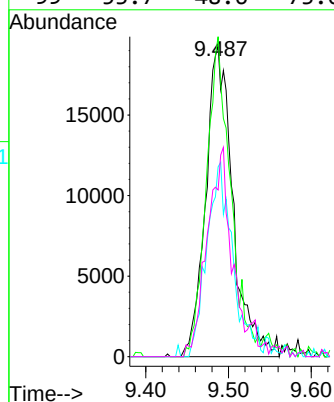
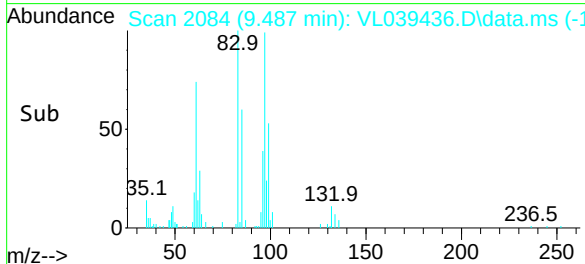
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 97 Resp: 4427
Ion Ratio Lower Upper
97 100
83 103.1 67.4 101.0
85 61.1 45.1 67.7
99 53.7 48.6 73.0

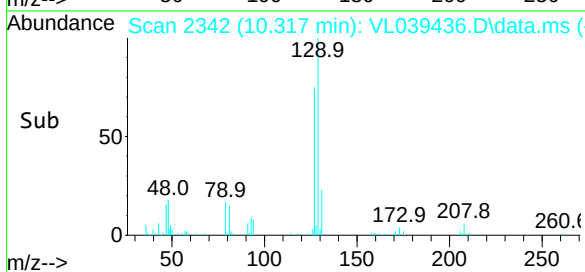
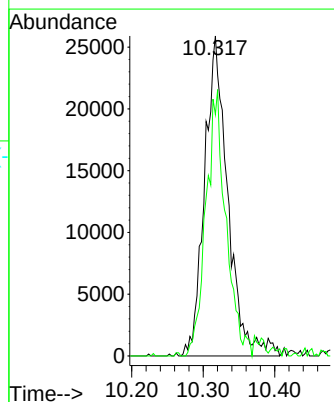
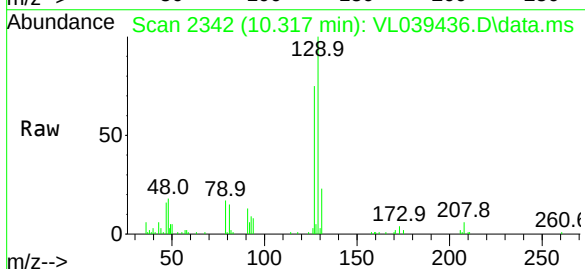
Manual Integrations
APPROVED

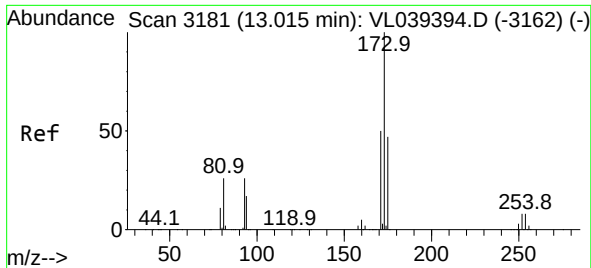
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#48
Dibromochloromethane
Concen: 0.370 ppbv m
RT: 10.317 min Scan# 2342
Delta R.T. 0.035 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

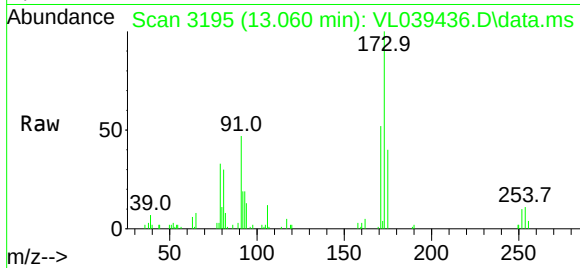
Tgt Ion:129 Resp: 58534
Ion Ratio Lower Upper
129 100
127 75.4 39.3 117.9





#49
Bromoform
Concen: 0.322 ppbv m
RT: 13.060 min Scan# 3181
Delta R.T. 0.045 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

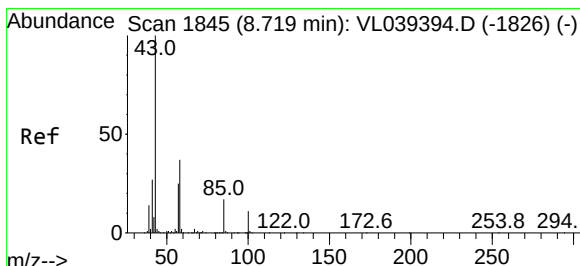
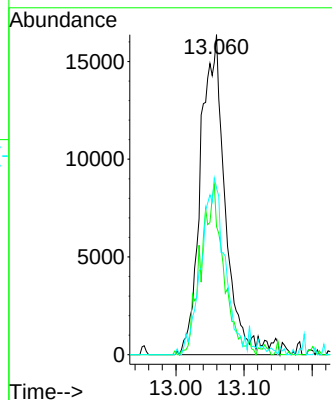
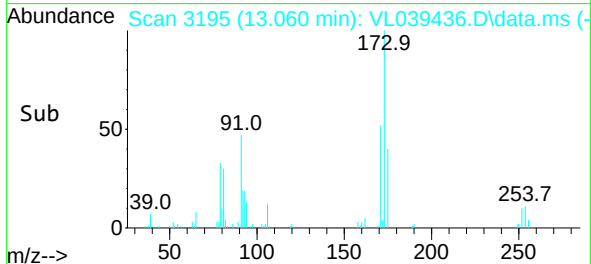
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 173 Resp: 4106
Ion Ratio Lower Upper
173 100
175 49.6 40.3 60.5
171 55.8 42.9 64.3

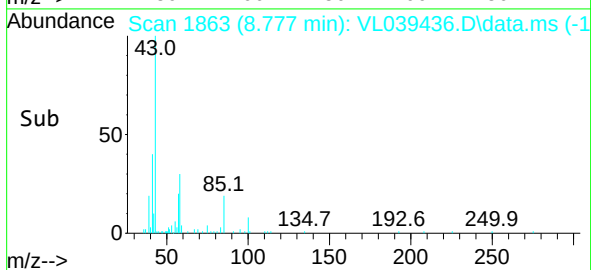
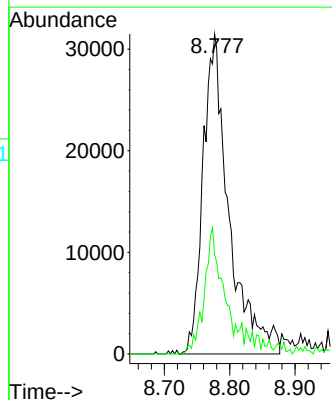
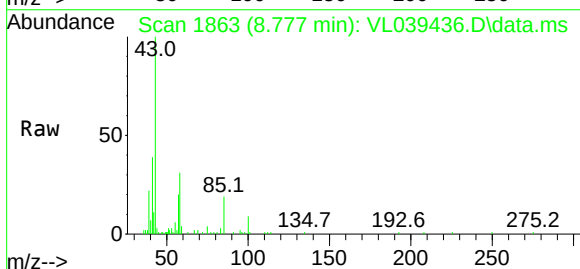
Manual Integrations
APPROVED

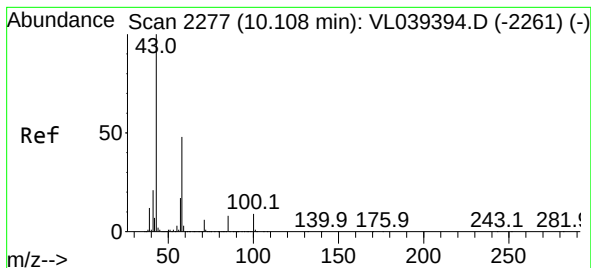
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#50
4-Methyl-2-Pentanone
Concen: 0.372 ppbv m
RT: 8.777 min Scan# 1863
Delta R.T. 0.058 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

Tgt Ion: 43 Resp: 86801
Ion Ratio Lower Upper
43 100
58 29.0 28.8 43.2





#51

2-Hexanone

Concen: 0.310 ppbv m

RT: 10.172 min Scan# 21

Delta R.T. 0.064 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

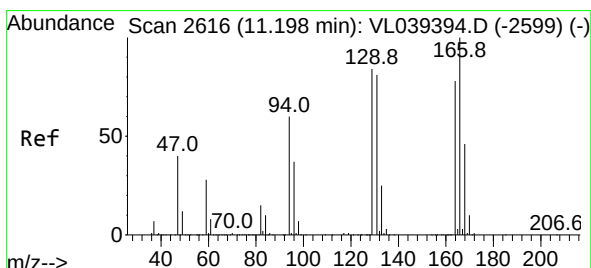
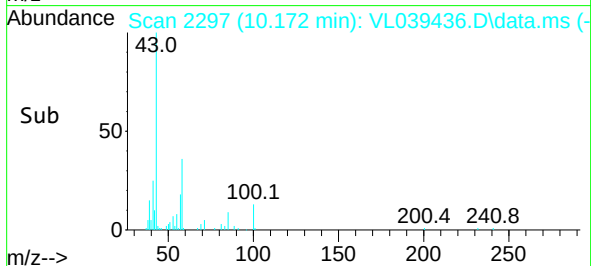
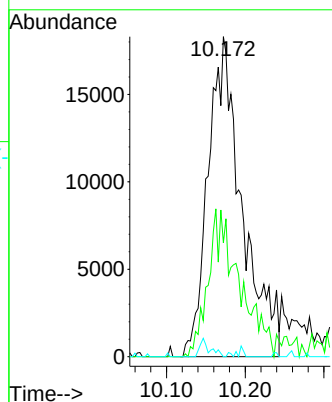
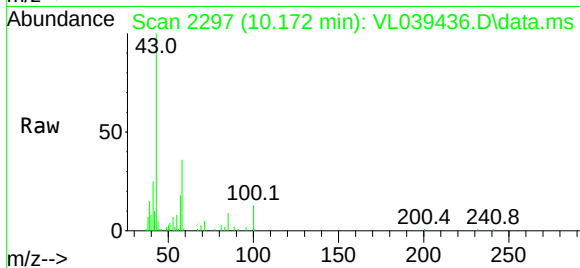
Tgt Ion: 43 Resp: 54700

Ion	Ratio	Lower	Upper
43	100		
58	45.6	38.4	57.6
98	2.2	0.3	0.5

Manual Integrations

APPROVED

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



#52

Tetrachloroethene

Concen: 0.403 ppbv m

RT: 11.230 min Scan# 2626

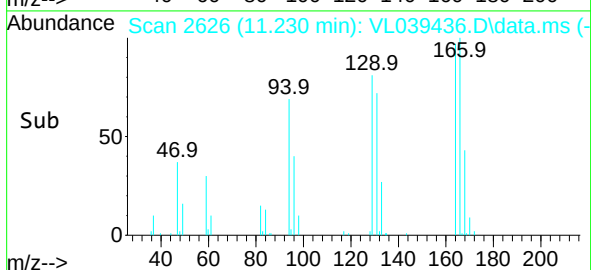
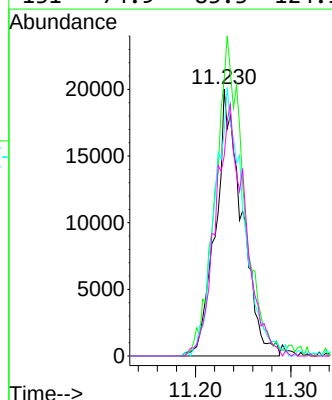
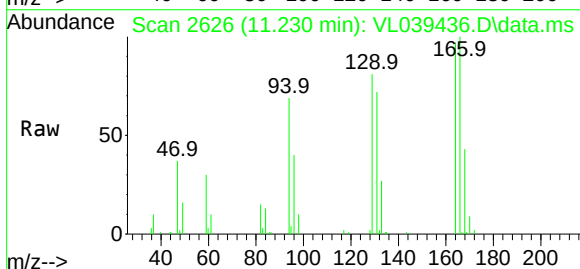
Delta R.T. 0.032 min

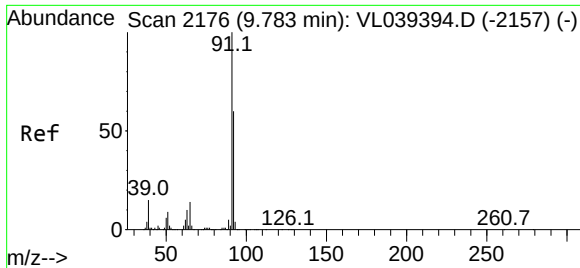
Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Tgt Ion:164 Resp: 38564

Ion	Ratio	Lower	Upper
164	100		
166	103.6	102.2	153.2
129	84.1	85.8	128.8#
131	74.9	83.3	124.9#





#53

Toluene

Concen: 0.370 ppbv m

RT: 9.815 min Scan# 2176

Delta R.T. 0.032 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

Tgt Ion: 91 Resp: 101324

Ion Ratio Lower Upper

91 100

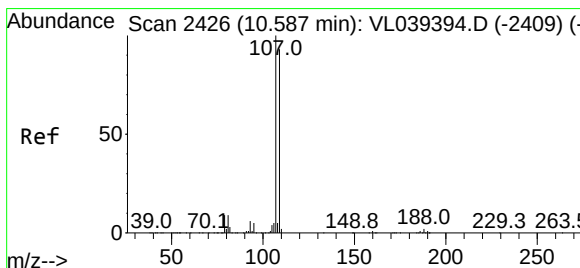
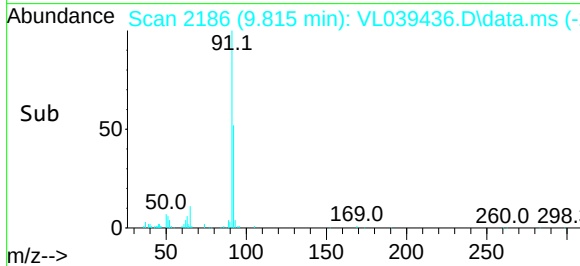
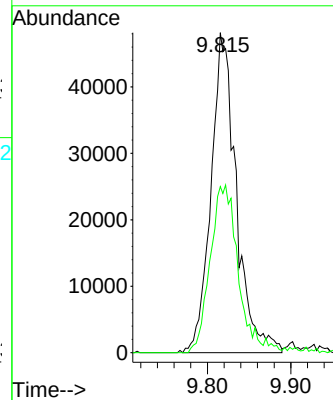
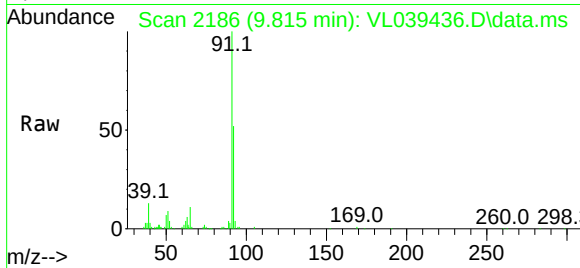
92 0.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#54

1,2-Dibromoethane

Concen: 0.391 ppbv

RT: 10.626 min Scan# 2438

Delta R.T. 0.038 min

Lab File: VL039436.D

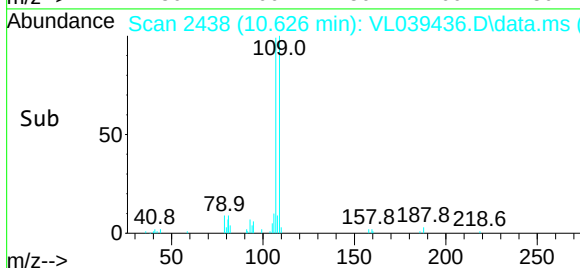
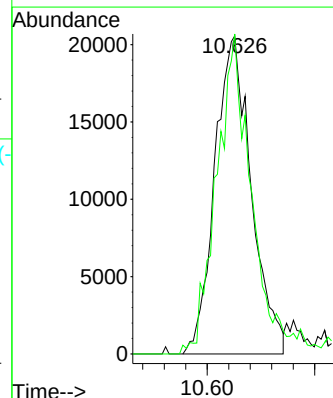
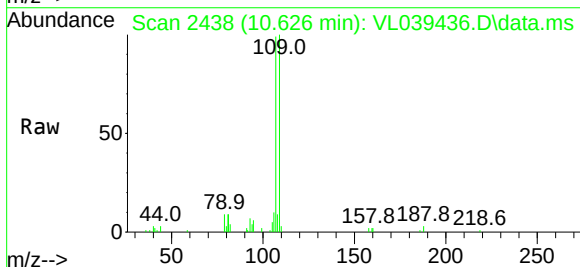
Acq: 6 Jul 2022 2:26

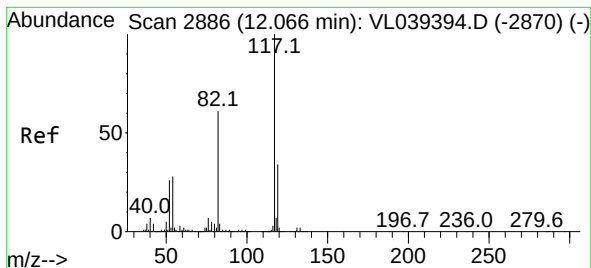
Tgt Ion:107 Resp: 48455

Ion Ratio Lower Upper

107 100

109 97.8 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.095 min Scan# 2886

Delta R.T. 0.029 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

Tgt Ion:117 Resp: 276904

Ion Ratio Lower Upper

117 100

82 64.5 50.8 76.2

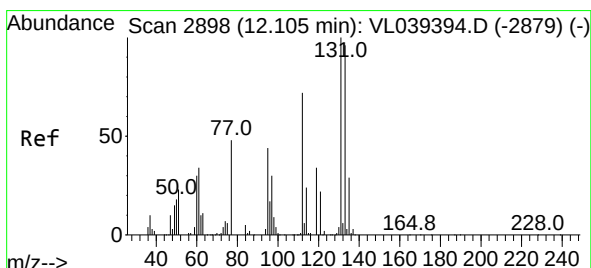
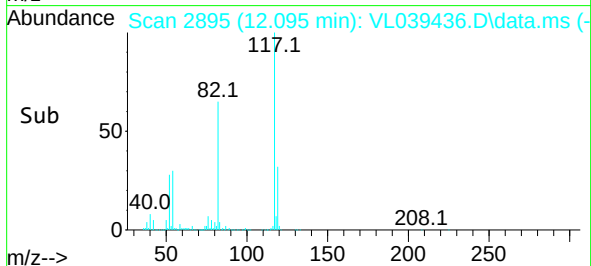
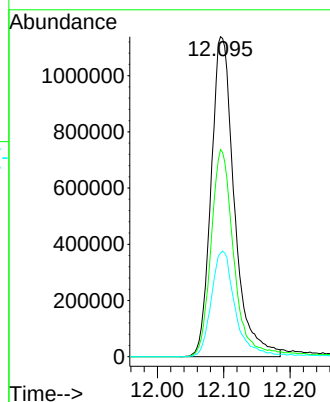
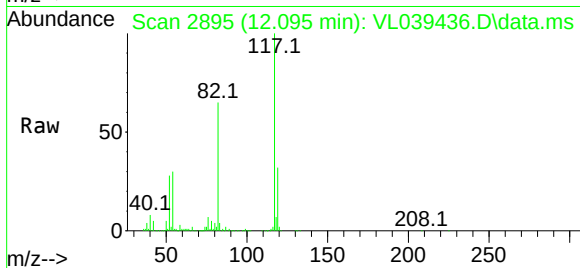
119 34.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 0.450 ppbv m

RT: 12.137 min Scan# 2908

Delta R.T. 0.032 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

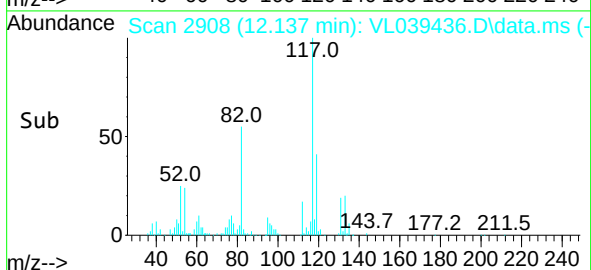
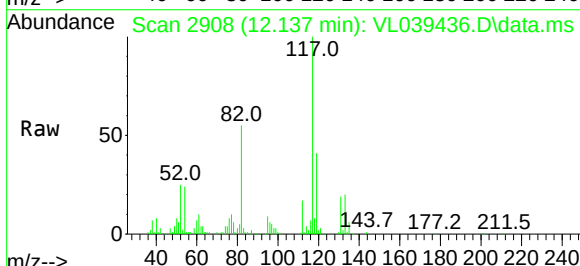
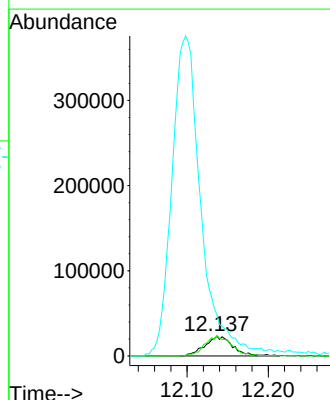
Tgt Ion:131 Resp: 55042

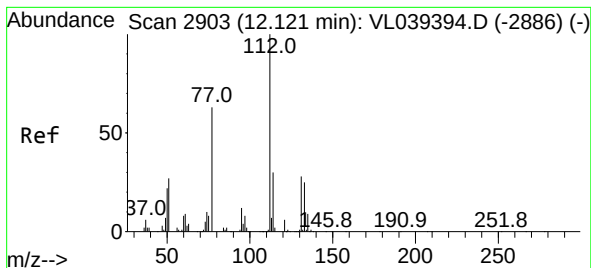
Ion Ratio Lower Upper

131 100

133 0.0 76.8 115.2#

119 0.0 46.2 69.4#





#57

Chlorobenzene

Concen: 0.473 ppbv

RT: 12.153 min Scan# 2903

Delta R.T. 0.032 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

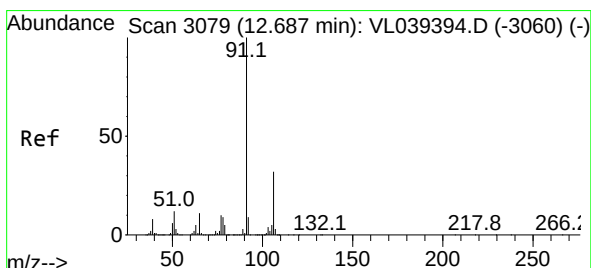
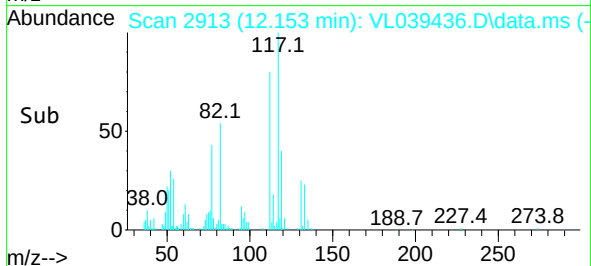
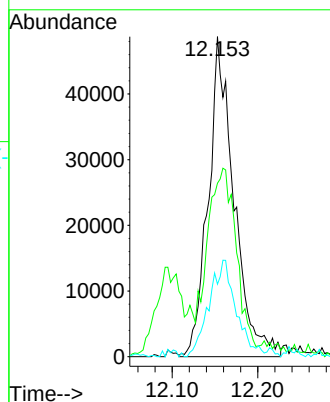
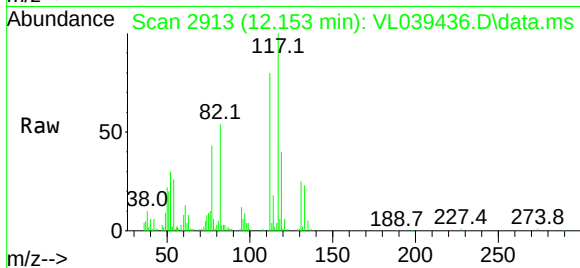
MDL-AIR-03-QT2-2022

Tgt Ion:	112	Resp:	10159
Ion Ratio	Lower	Upper	
112	100		
77	54.2	51.0	76.4
114	22.7	27.5	33.6

Manual Integrations

APPROVED

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



#58

Ethyl Benzene

Concen: 0.381 ppbv

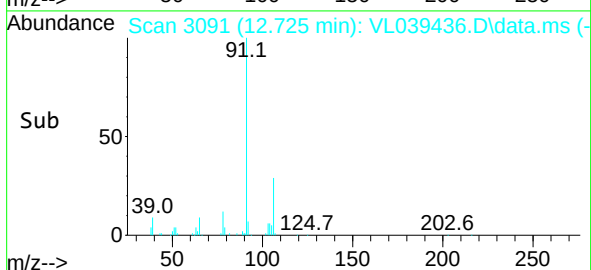
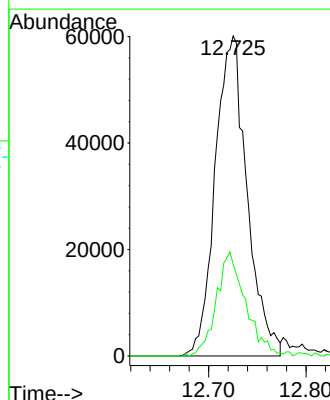
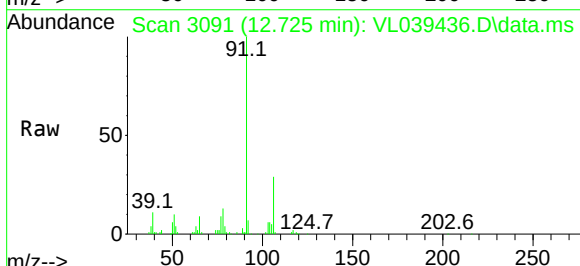
RT: 12.725 min Scan# 3091

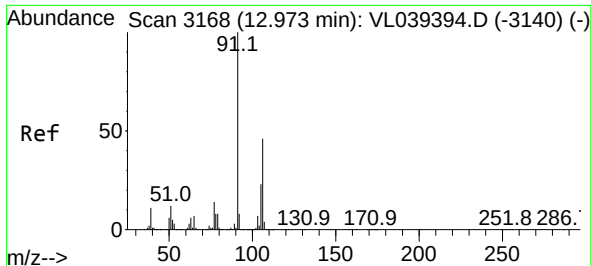
Delta R.T. 0.038 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Tgt Ion:	91	Resp:	136216
Ion Ratio	Lower	Upper	
91	100		
106	28.7	25.4	38.0





#59

m/p-Xylene

Concen: 0.805 ppbv m

RT: 13.005 min Scan# 3168

Delta R.T. 0.032 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

Tgt Ion: 91 Resp: 25390

Ion Ratio Lower Upper

91 100

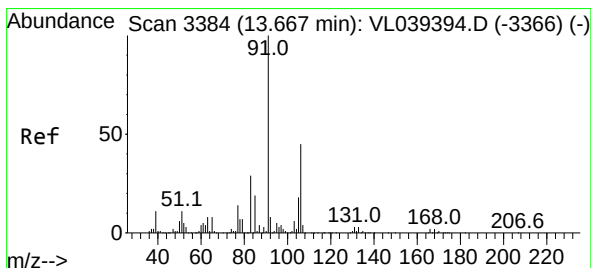
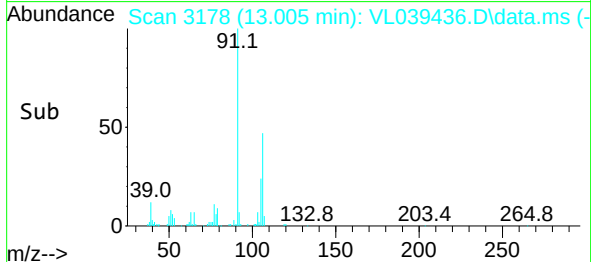
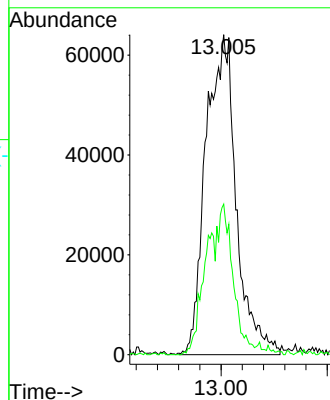
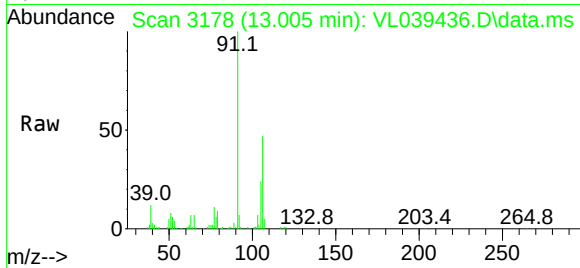
106 42.5 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#60

o-Xylene

Concen: 0.403 ppbv

RT: 13.699 min Scan# 3394

Delta R.T. 0.032 min

Lab File: VL039436.D

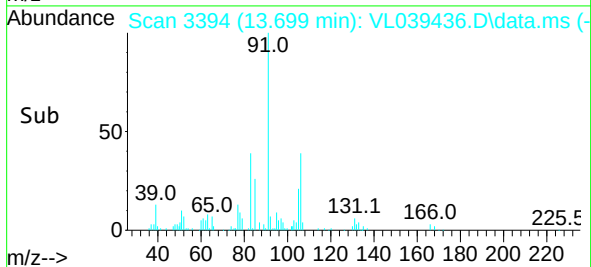
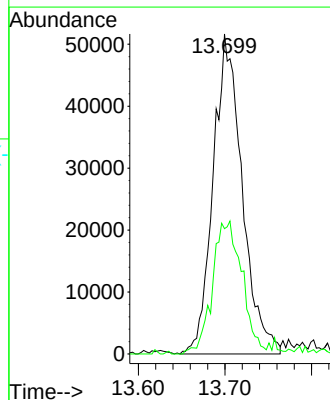
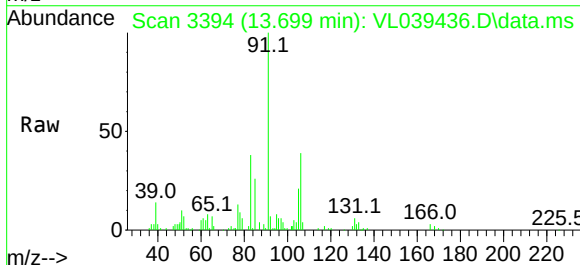
Acq: 6 Jul 2022 2:26

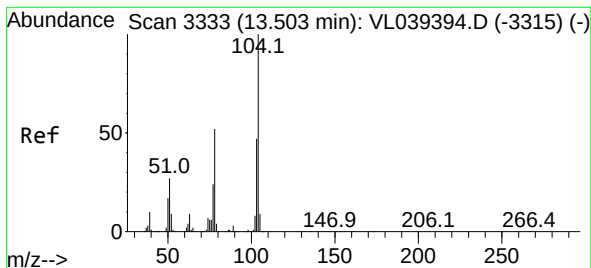
Tgt Ion: 91 Resp: 120184

Ion Ratio Lower Upper

91 100

106 43.7 22.4 67.3





#61

Styrene

Concen: 0.302 ppbv m

RT: 13.545 min Scan# 31

Delta R.T. 0.042 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

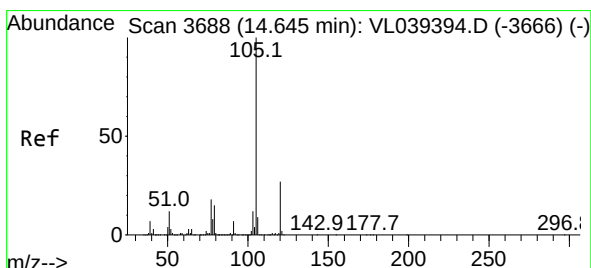
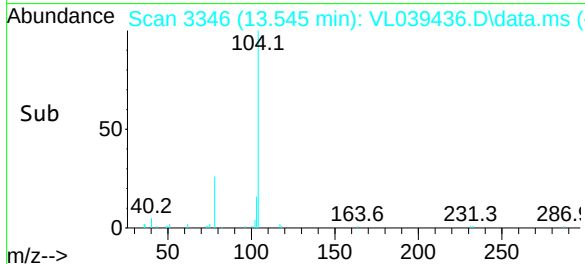
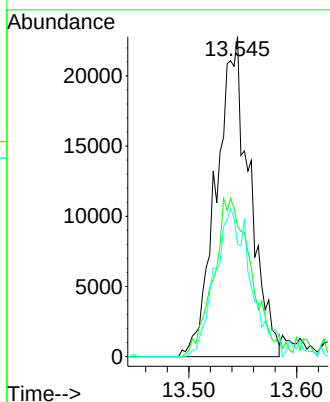
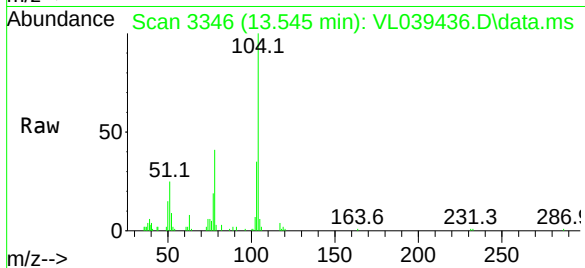
MDL-AIR-03-QT2-2022

Tgt Ion:104	Resp:	48824
Ion Ratio	Lower	Upper
104	100	
78	57.3	41.2 61.8
103	52.8	38.7 58.1

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.416 ppbv

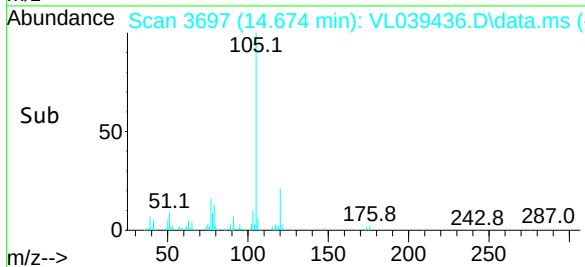
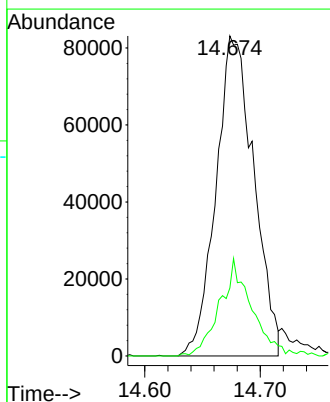
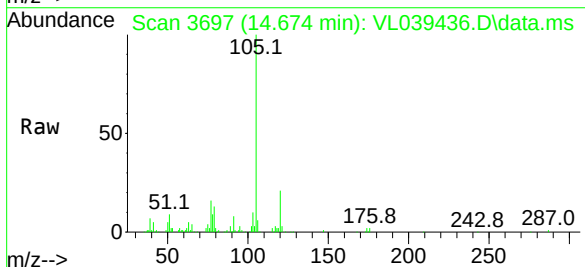
RT: 14.674 min Scan# 3697

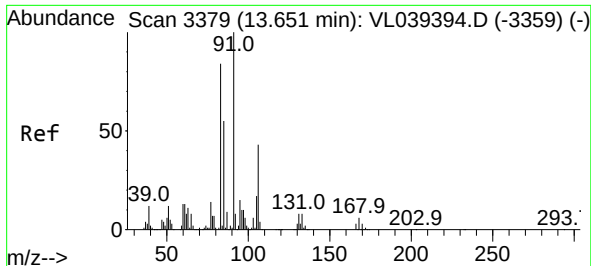
Delta R.T. 0.029 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

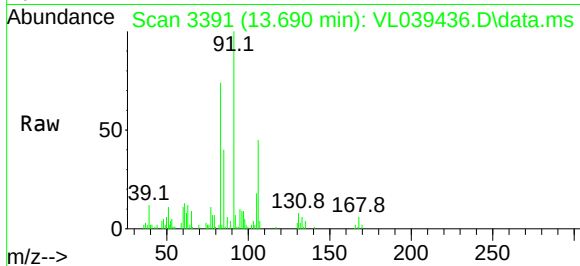
Tgt Ion:105	Resp:	188944
Ion Ratio	Lower	Upper
105	100	
120	26.3	20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.438 ppbv m
RT: 13.690 min Scan# 3379
Delta R.T. 0.038 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

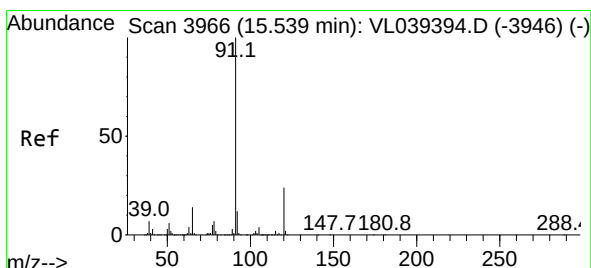
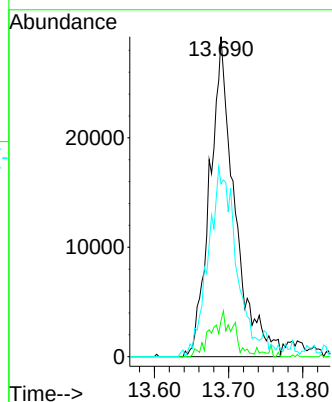
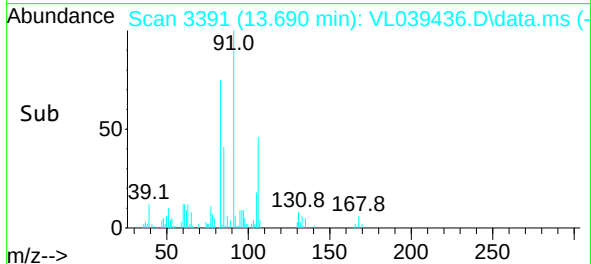
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



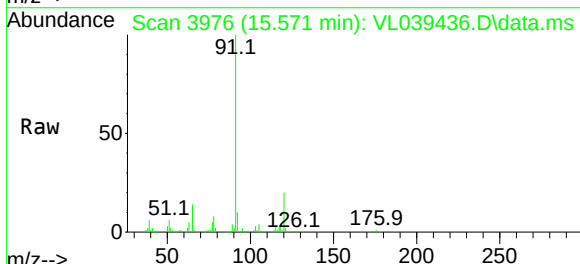
Tgt Ion: 83 Resp: 6853
Ion Ratio Lower Upper
83 100
131 13.5 5.3 15.8
85 70.3 33.1 99.5

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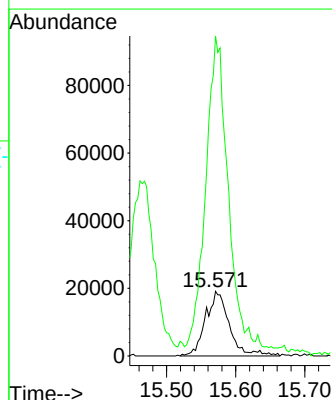
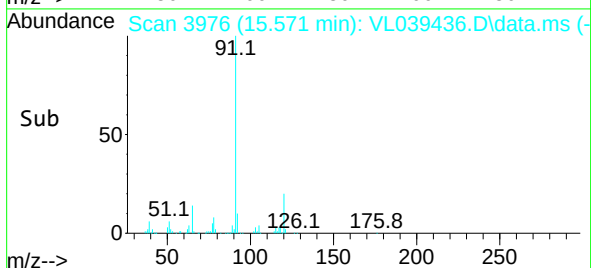
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

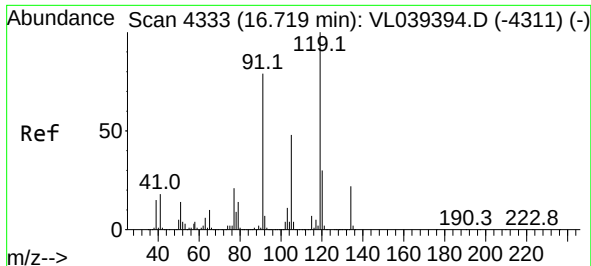


#64
n-propylbenzene
Concen: 0.397 ppbv m
RT: 15.571 min Scan# 3976
Delta R.T. 0.032 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



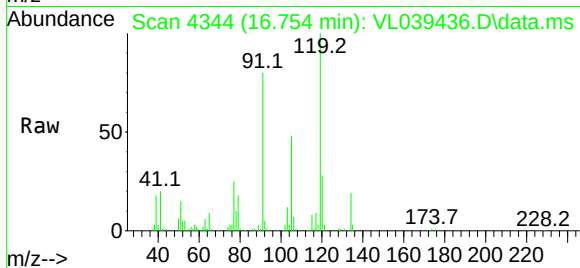
Tgt Ion:120 Resp: 45693
Ion Ratio Lower Upper
120 100
91 500.1 367.2 550.8





#65
tert-Butylbenzene
Concen: 0.388 ppbv
RT: 16.754 min Scan# 41
Delta R.T. 0.035 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

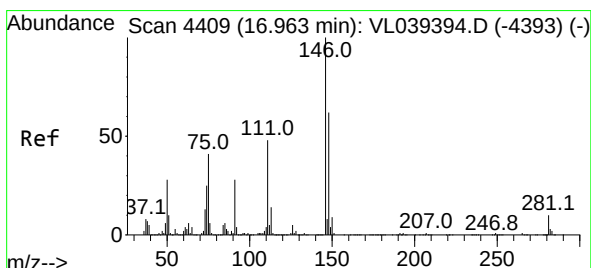
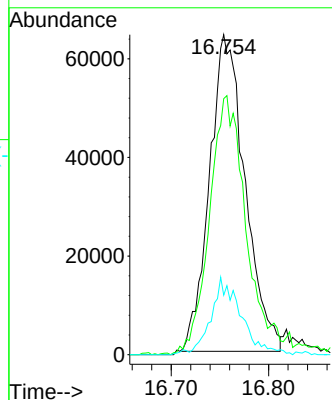
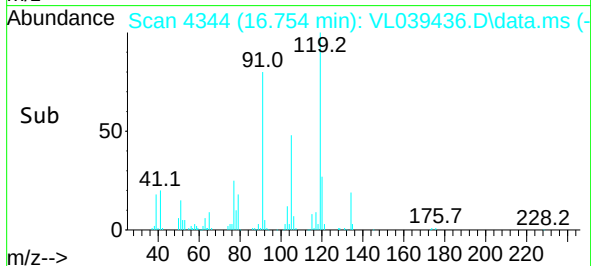
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



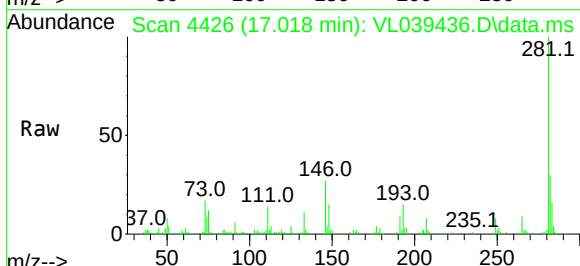
Tgt Ion: 119 Resp: 16303
Ion Ratio Lower Upper
119 100
91 87.9 63.4 95.2
134 20.9 15.9 23.9

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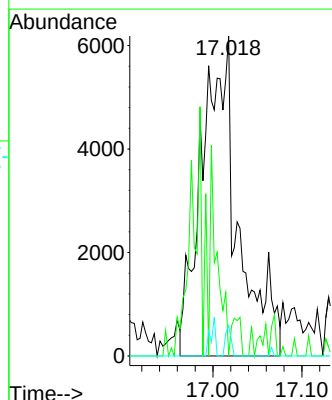
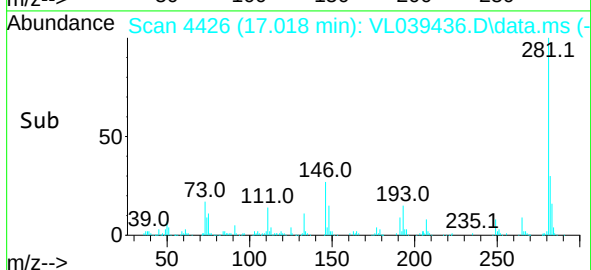
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

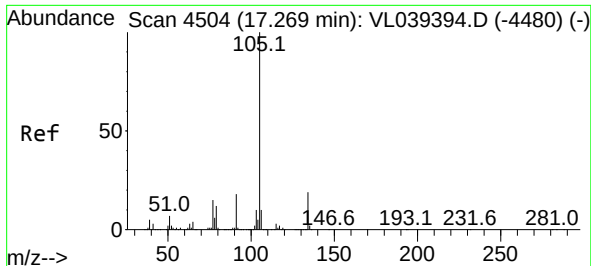


#66
Benzyl Chloride
Concen: 0.438 ppbv m
RT: 17.018 min Scan# 4426
Delta R.T. 0.054 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



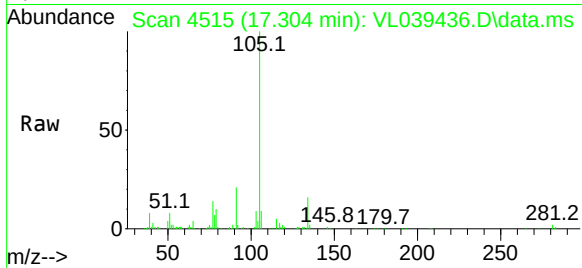
Tgt Ion: 91 Resp: 17477
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 3.1 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.406 ppbv
 RT: 17.304 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

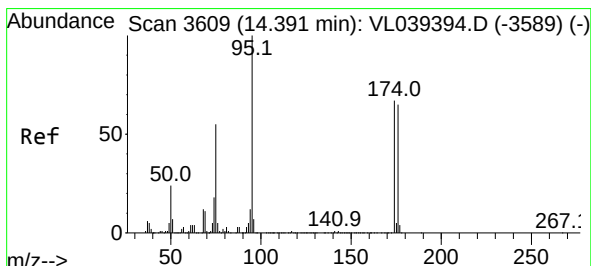
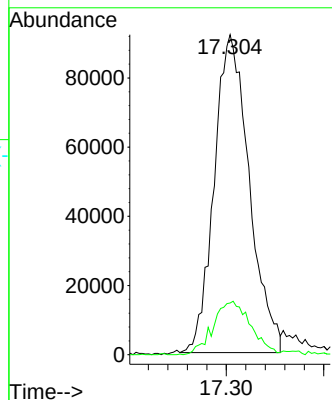
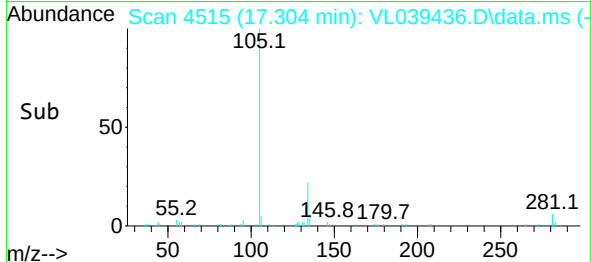
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



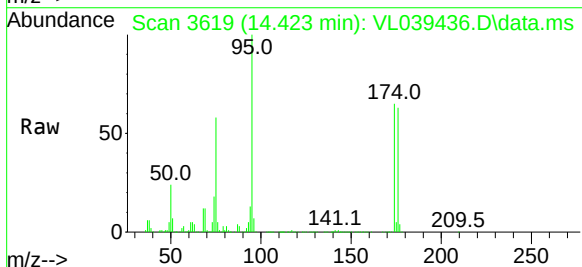
Tgt Ion:105 Resp: 229938
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.8 22.2

Manual Integrations
 APPROVED

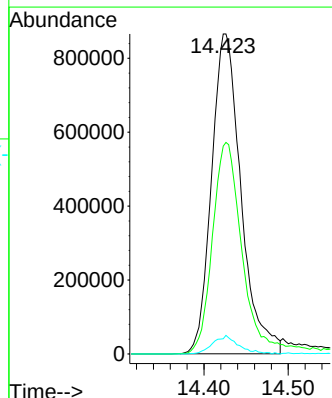
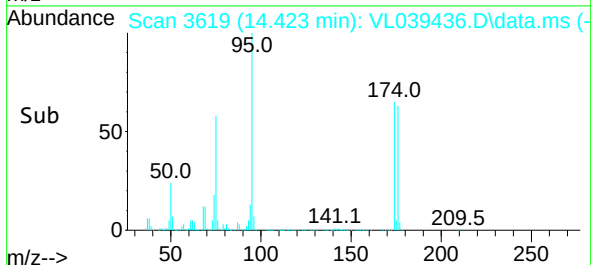
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

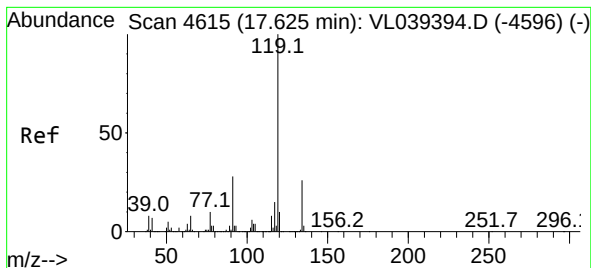


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.224 ppbv
 RT: 14.423 min Scan# 3619
 Delta R.T. 0.032 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26



Tgt Ion: 95 Resp: 2100265
 Ion Ratio Lower Upper
 95 100
 174 70.0 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.388 ppbv m

RT: 17.661 min Scan# 4626

Delta R.T. 0.035 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

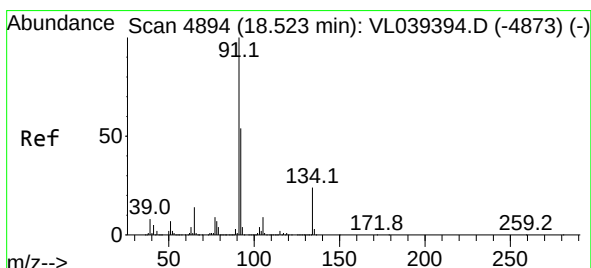
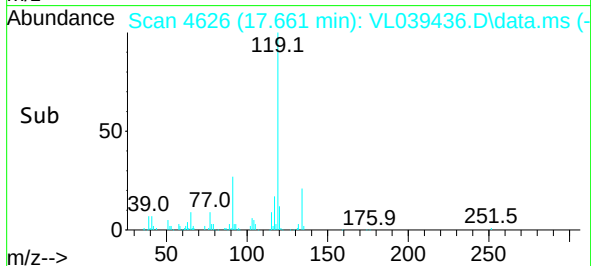
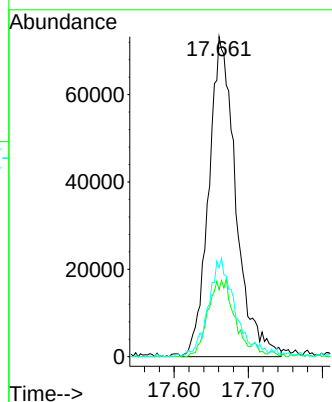
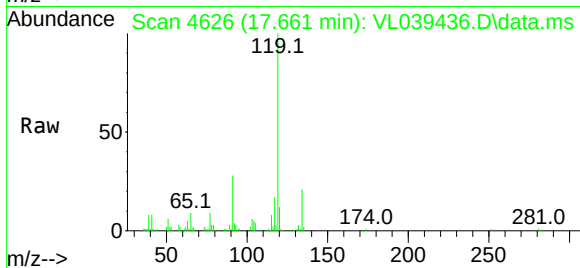
MDL-AIR-03-QT2-2022

Tgt Ion:	119	Resp:	18646
Ion Ratio	Lower	Upper	
119	100		
134	24.7	20.3	30.5
91	31.5	22.9	34.3

Manual Integrations

APPROVED

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



#70

n-Butylbenzene

Concen: 0.374 ppbv m

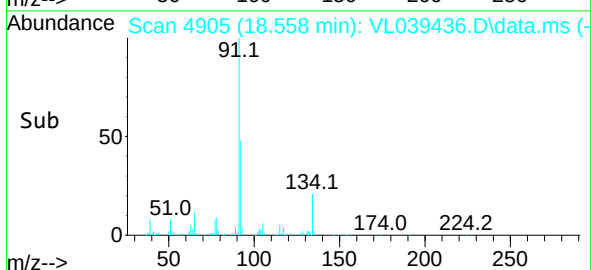
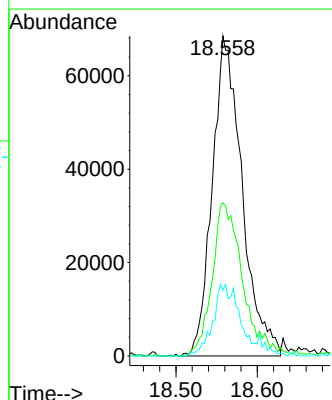
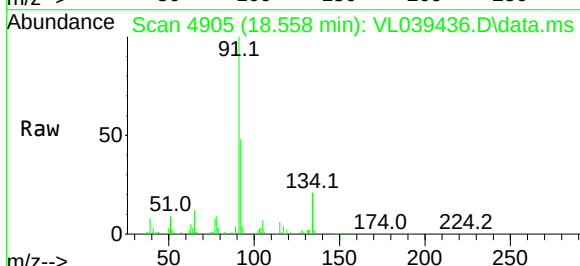
RT: 18.558 min Scan# 4905

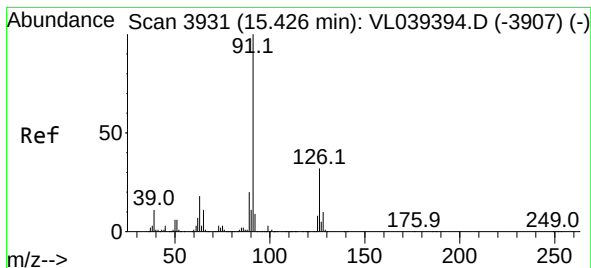
Delta R.T. 0.035 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Tgt Ion:	91	Resp:	174055
Ion Ratio	Lower	Upper	
91	100		
92	49.7	43.4	65.2
134	21.8	18.9	28.3





#71

2-Chlorotoluene

Concen: 0.401 ppbv m

RT: 15.461 min Scan# 3931

Delta R.T. 0.035 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

Tgt Ion: 91 Resp: 130429

Ion Ratio Lower Upper

91 100

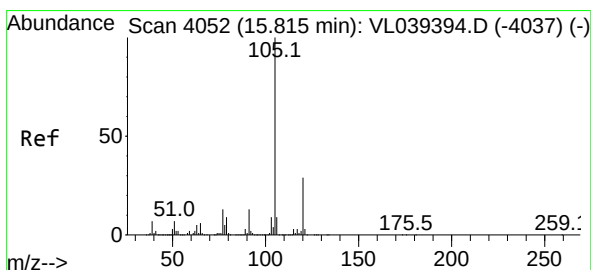
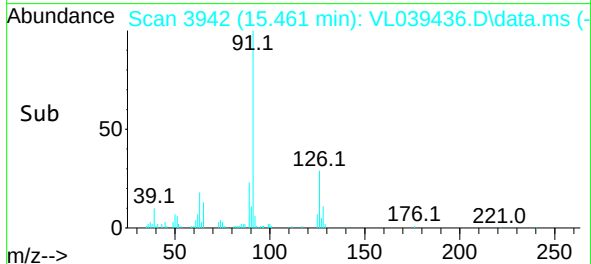
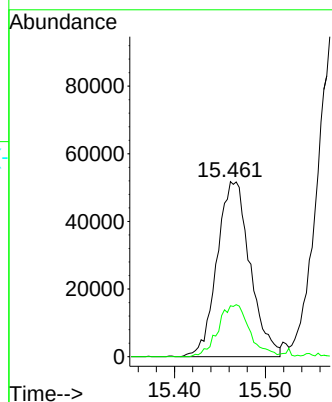
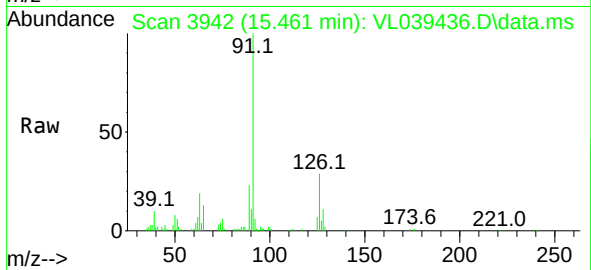
126 2.5 13.0 51.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#72

4-Ethyltoluene

Concen: 0.393 ppbv m

RT: 15.847 min Scan# 4062

Delta R.T. 0.032 min

Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Tgt Ion:105 Resp: 137858

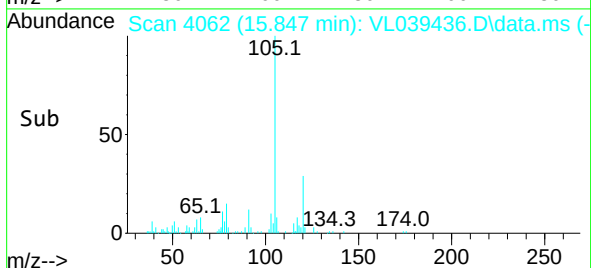
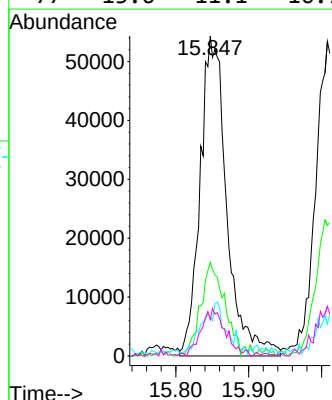
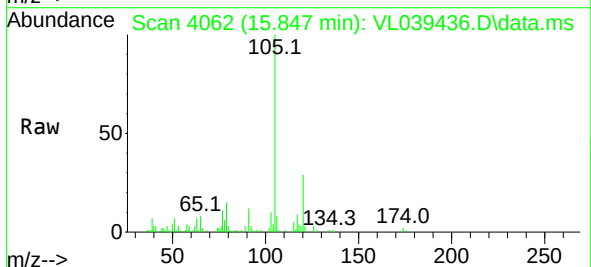
Ion Ratio Lower Upper

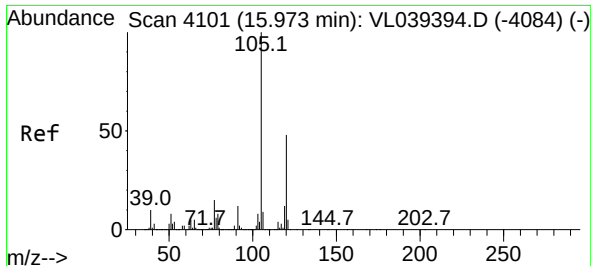
105 100

120 0.0 24.2 36.2

91 14.0 10.2 15.4

77 13.6 11.1 16.7





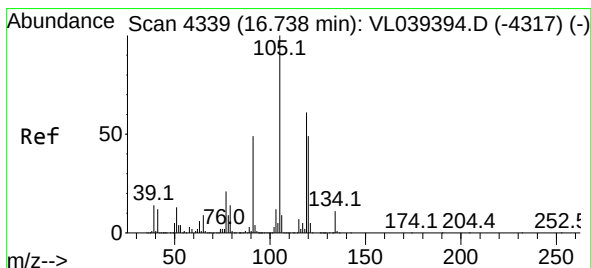
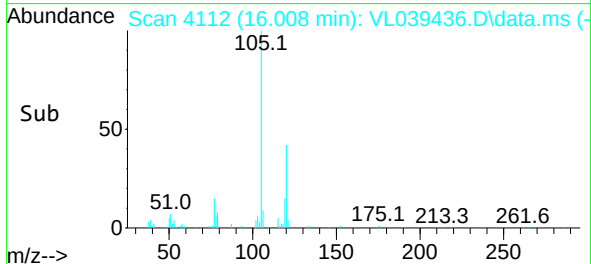
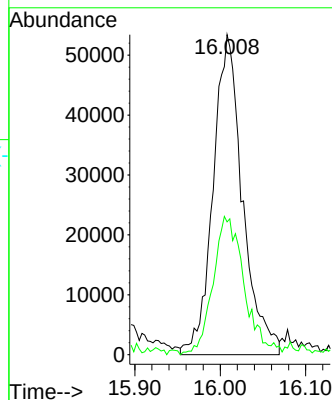
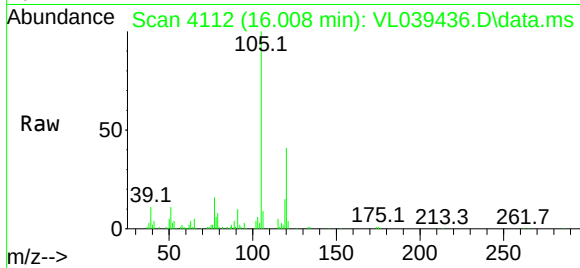
#73
 1,3,5-Trimethylbenzene
 Concen: 0.397 ppbv m
 RT: 16.008 min Scan# 4101
 Delta R.T. 0.035 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022

Tgt Ion:105 Resp: 128058
 Ion Ratio Lower Upper
 105 100
 120 41.5 38.2 57.4

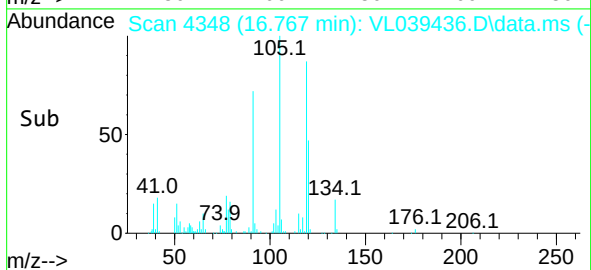
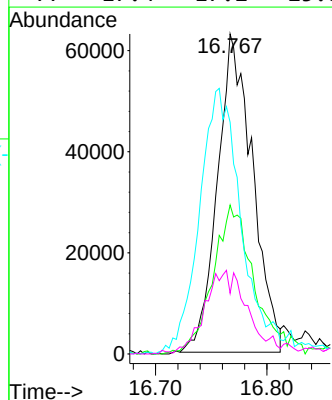
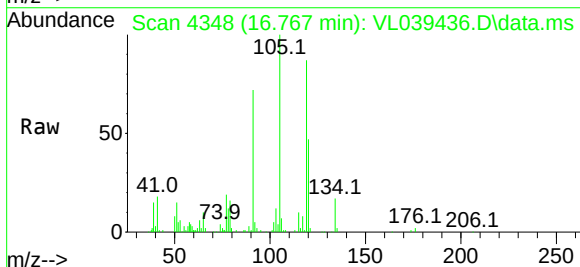
Manual Integrations
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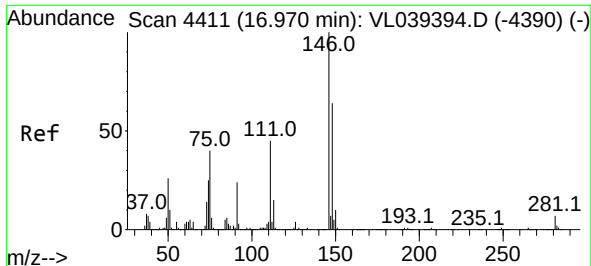
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.387 ppbv
 RT: 16.767 min Scan# 4348
 Delta R.T. 0.029 min
 Lab File: VL039436.D
 Acq: 6 Jul 2022 2:26

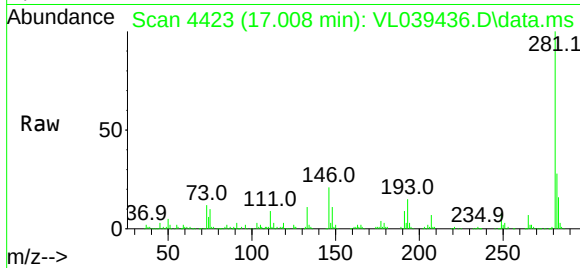
Tgt Ion:105 Resp: 137911
 Ion Ratio Lower Upper
 105 100
 120 45.8 39.5 59.3
 91 68.3 39.2 58.8#
 77 17.4 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 0.465 ppbv m
RT: 17.008 min Scan# 4411
Delta R.T. 0.038 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

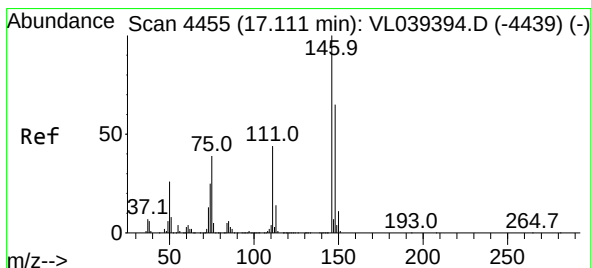
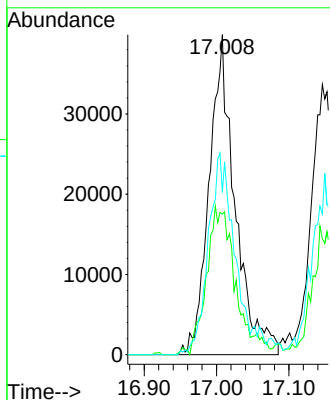
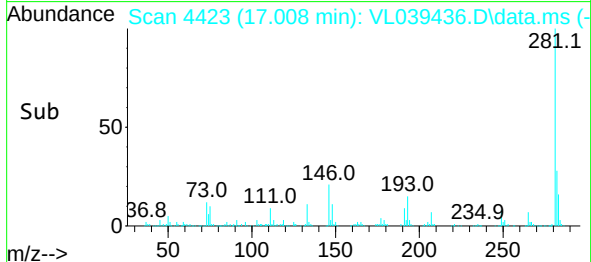
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



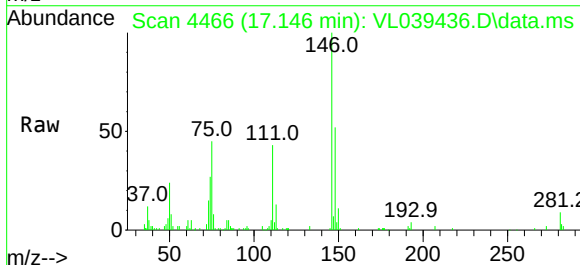
Tgt Ion:146 Resp: 98954
Ion Ratio Lower Upper
146 100
111 53.5 22.9 68.7
148 67.4 32.1 96.5

Manual Integrations
APPROVED

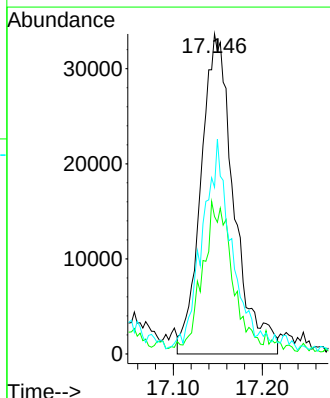
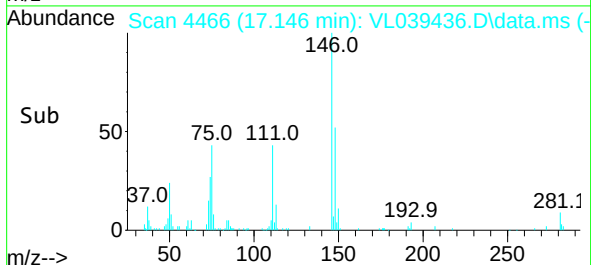
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

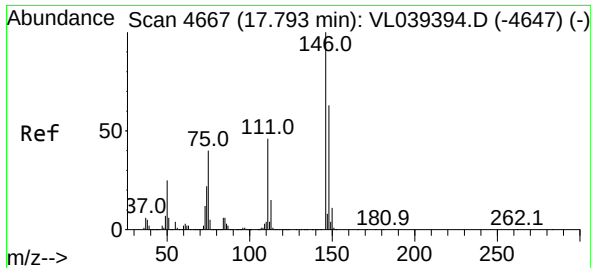


#76
1,4-Dichlorobenzene
Concen: 0.410 ppbv m
RT: 17.146 min Scan# 4466
Delta R.T. 0.035 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



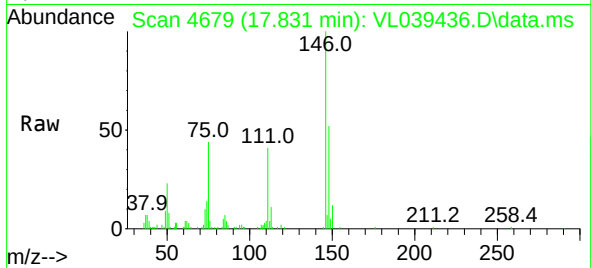
Tgt Ion:146 Resp: 86505
Ion Ratio Lower Upper
146 100
111 49.6 22.9 68.8
148 63.5 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 0.393 ppbv
RT: 17.831 min Scan# 406
Delta R.T. 0.038 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26

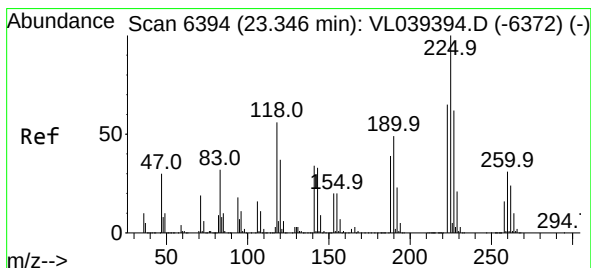
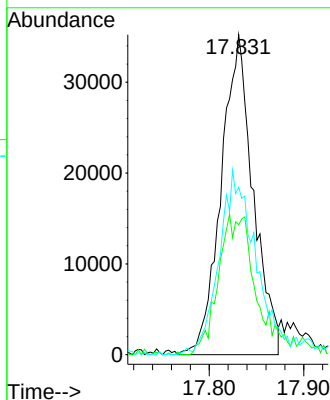
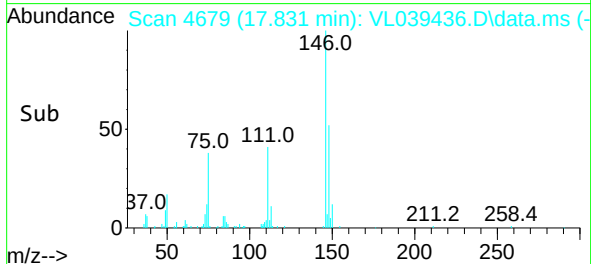
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



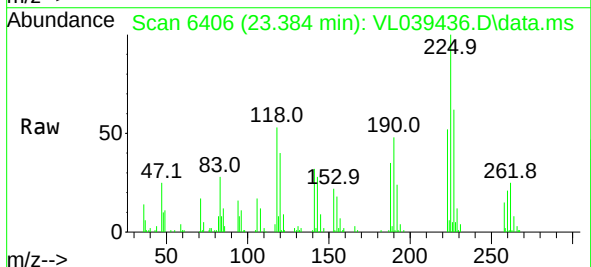
Tgt Ion:146 Resp: 8293
Ion Ratio Lower Upper
146 100
111 54.5 23.8 71.5
148 69.1 32.3 96.8

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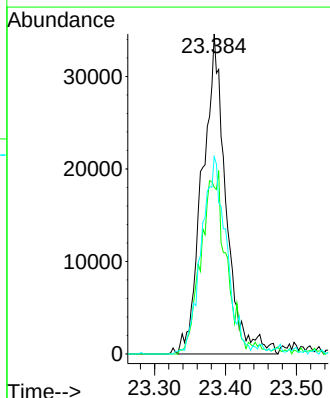
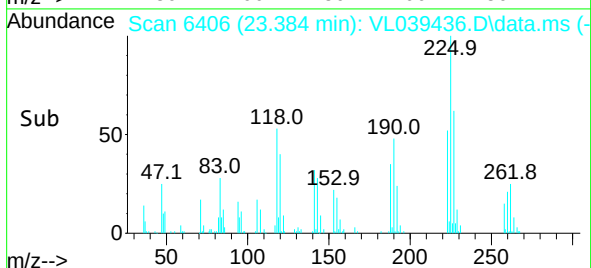
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

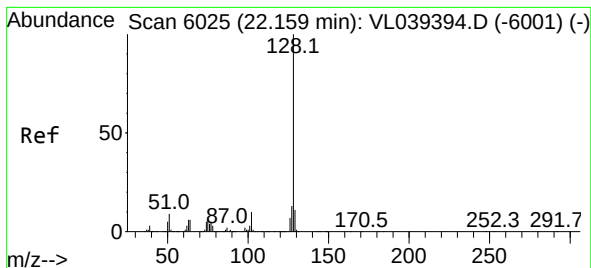


#78
Hexachloro-1,3-Butadiene
Concen: 0.472 ppbv m
RT: 23.384 min Scan# 6406
Delta R.T. 0.038 min
Lab File: VL039436.D
Acq: 6 Jul 2022 2:26



Tgt Ion:225 Resp: 79954
Ion Ratio Lower Upper
225 100
223 62.7 51.8 77.6
227 65.4 51.4 77.2





#79

Naphthalene

Concen: 0.302 ppbv m

RT: 22.217 min Scan# 6025

Delta R.T. 0.058 min

Lab File: VL039436.D

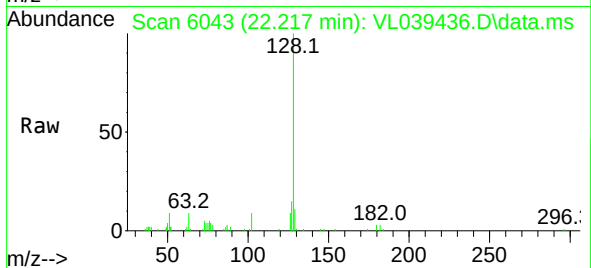
Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



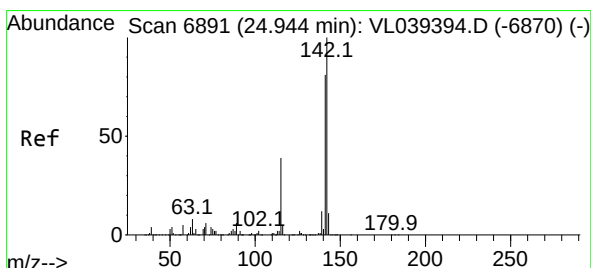
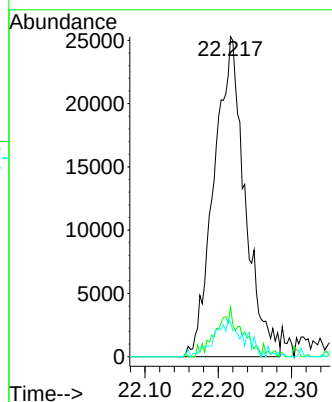
Tgt Ion:128 Resp: 7403

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.6	15.8
129	10.6	8.8	13.2

Manual Integrations

APPROVED

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



#80

Naphthalene,2-methyl-

Concen: 0.143 ppbv m

RT: 24.979 min Scan# 6902

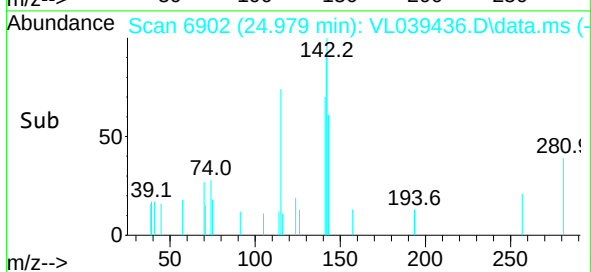
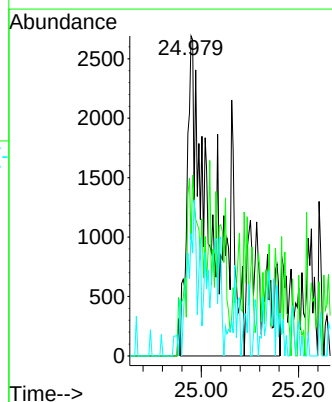
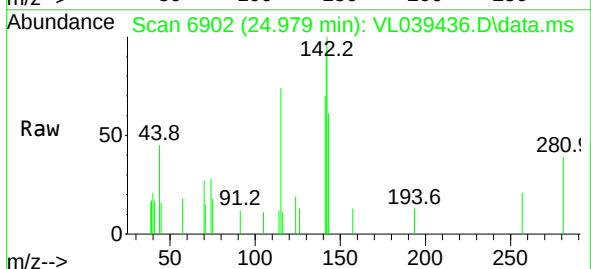
Delta R.T. 0.035 min

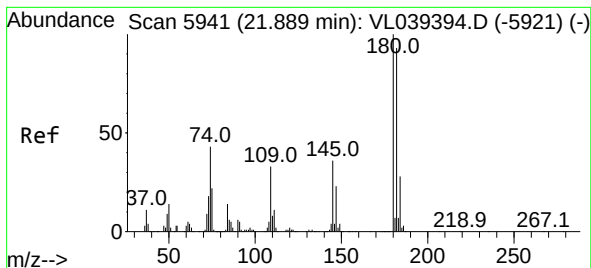
Lab File: VL039436.D

Acq: 6 Jul 2022 2:26

Tgt Ion:142 Resp: 11946

Ion	Ratio	Lower	Upper
142	100		
141	24.8	68.9	103.3#
115	17.9	30.0	45.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.328 ppbv m

RT: 21.940 min Scan# 5957

Delta R.T. 0.051 min

Lab File: VL039436.D

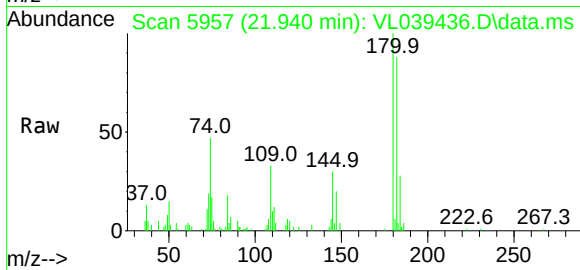
Acq: 6 Jul 2022 2:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



Tgt Ion:180 Resp: 52344

Ion Ratio Lower Upper

180 100

182 0.0 77.1 115.7

184 0.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022

