

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039600.D
 Acq On : 26 Aug 2022 12:33
 Operator : SY/AP
 Sample : N3980-15 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Quant Time: Aug 27 00:04:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.208	49	938743	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2561039	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2291970	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1709601	9.887	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.755	85	80260	0.643	ppbv	92
3) Chlorodifluoromethane	2.697	51	56400	0.504	ppbv	96
4) Chloromethane	2.838	50	31792	0.472	ppbv	91
5) Vinyl Chloride	2.938	62	26449m	0.486	ppbv	
6) Bromomethane	3.137	94	11388m	0.494	ppbv	
7) Chloroethane	3.218	64	10265	0.504	ppbv #	88
8) Dichlorotetrafluoroethane	2.880	85	67935	0.508	ppbv	100
9) Propene	2.719	41	29591	0.578	ppbv	98
10) Heptane	7.597	43	45332m	0.382	ppbv	
11) Trichlorofluoromethane	3.581	101	64381	0.470	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.086	101	45994	0.454	ppbv	94
13) Ethanol	3.301	45	3323m	0.903	ppbv	
14) Bromoethene	3.391	108	18284	0.441	ppbv #	92
15) Acetone	3.504	43	50876	0.484	ppbv #	88
16) 1,3-Butadiene	3.009	39	24610	0.449	ppbv	96
17) tert-Butyl alcohol	3.919	59	34309m	0.382	ppbv	
18) 1,1-Dichloroethene	3.903	96	17694	0.387	ppbv	92
19) Isopropyl Alcohol	3.613	45	22181m	0.434	ppbv	
20) Methylene Chloride	3.954	84	27100	0.634	ppbv #	89
21) Allyl Chloride	4.022	41	31404	0.459	ppbv	97
22) trans-1,2-Dichloroethene	4.465	96	21159m	0.466	ppbv	
23) Vinyl Acetate	4.652	43	24164m	0.483	ppbv	
24) 1,1-Dichloroethane	4.581	63	41696	0.451	ppbv	97
25) Ethyl Acetate	5.231	43	97167	0.432	ppbv	97
26) Hexane	5.234	57	37179	0.405	ppbv #	75
27) Carbon Disulfide	4.147	76	26328	0.268	ppbv #	90
28) Methyl tert-Butyl Ether	4.620	73	28151	0.355	ppbv #	88
29) Chloroform	5.288	83	66099	0.460	ppbv	98
30) Cyclohexane	6.620	84	30023m	0.395	ppbv	
31) cis-1,2-Dichloroethene	5.099	61	36218m	0.407	ppbv	
32) 1,1,1-Trichloroethane	6.018	97	55371m	0.438	ppbv	
34) 2-Butanone	4.829	43	57397m	0.451	ppbv	
35) Carbon Tetrachloride	6.510	117	55274	0.399	ppbv	96
36) Benzene	6.388	78	73488	0.376	ppbv	96
37) 1,2-Dichloroethane	5.816	62	48972m	0.455	ppbv	
38) Trichloroethene	7.301	130	38877	0.372	ppbv #	88
39) 1,2-Dichloropropane	7.092	63	31481m	0.429	ppbv	
40) 1,4-Dioxane	7.365	88	9790m	0.341	ppbv	
41) Tetrahydrofuran	5.607	42	26184m	0.344	ppbv	
42) Bromodichloromethane	7.263	83	53947	0.367	ppbv	97
43) Methyl Methacrylate	7.500	69	22722m	0.323	ppbv	
44) 2,2,4-Trimethylpentane	7.343	57	124839	0.379	ppbv #	90
45) t-1,3-Dichloropropene	8.722	75	15452m	0.252	ppbv	

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Manual Integrations
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Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

Quant Time: Aug 27 00:04:56 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	24746m	0.291	ppbv	
47) 1,1,2-Trichloroethane	8.915	97	35547m	0.424	ppbv	
48) Dibromochloromethane	9.719	129	41411	0.335	ppbv	96
49) Bromoform	12.420	173	31002	0.303	ppbv	97
50) 4-Methyl-2-Pentanone	8.218	43	66457m	0.335	ppbv	
51) 2-Hexanone	9.587	43	42865m	0.294	ppbv	
52) Tetrachloroethene	10.623	164	29563m	0.400	ppbv	
53) Toluene	9.234	91	64572	0.296	ppbv	98
54) 1,2-Dibromoethane	10.008	107	37702m	0.402	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.529	131	43153m	0.463	ppbv	
57) Chlorobenzene	11.536	112	79650	0.466	ppbv #	92
58) Ethyl Benzene	12.102	91	89132m	0.338	ppbv	
59) m/p-Xylene	12.381	91	169919m	0.719	ppbv	
60) o-Xylene	13.066	91	78784	0.347	ppbv	98
61) Styrene	12.909	104	31044	0.257	ppbv	90
62) Isopropylbenzene	14.037	105	132970	0.388	ppbv	95
63) 1,1,2,2-Tetrachloroethane	13.063	83	48930m	0.456	ppbv	
64) n-propylbenzene	14.928	120	30125	0.338	ppbv	65
65) tert-Butylbenzene	16.101	119	121515m	0.399	ppbv	
66) Benzyl Chloride	16.352	91	8312m	0.336	ppbv	
67) sec-Butylbenzene	16.645	105	164767	0.382	ppbv	99
69) p-Isopropyltoluene	17.008	119	129849m	0.362	ppbv	
70) n-Butylbenzene	17.905	91	126073	0.354	ppbv	96
71) 2-Chlorotoluene	14.812	91	89108	0.359	ppbv	96
72) 4-Ethyltoluene	15.204	105	92313m	0.348	ppbv	
73) 1,3,5-Trimethylbenzene	15.359	105	86609m	0.357	ppbv	
74) 1,2,4-Trimethylbenzene	16.118	105	105044m	0.389	ppbv	
75) 1,3-Dichlorobenzene	16.346	146	67897m	0.414	ppbv	
76) 1,4-Dichlorobenzene	16.487	146	62750	0.384	ppbv	89
77) 1,2-Dichlorobenzene	17.153	146	69244	0.431	ppbv	95
78) Hexachloro-1,3-Butadiene	22.641	225	64244m	0.502	ppbv	
79) Naphthalene	21.403	128	57978m	0.302	ppbv	
80) Naphthalene,2-methyl-	24.384	142	7342m	0.094	ppbv	
81) 1,2,4-Trichlorobenzene	21.156	180	47123m	0.367	ppbv	

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

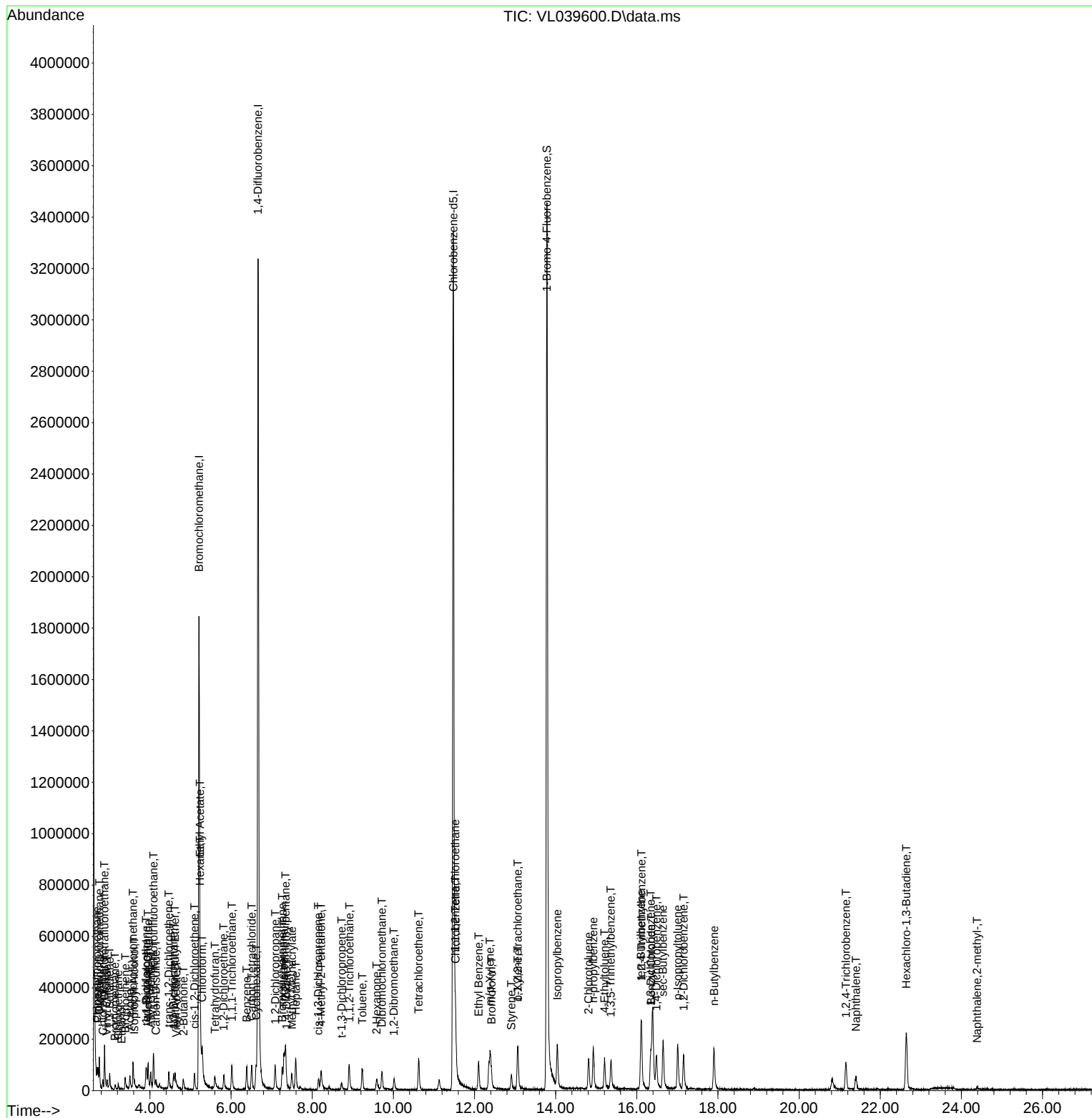
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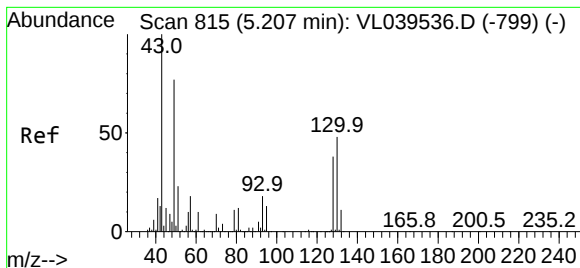
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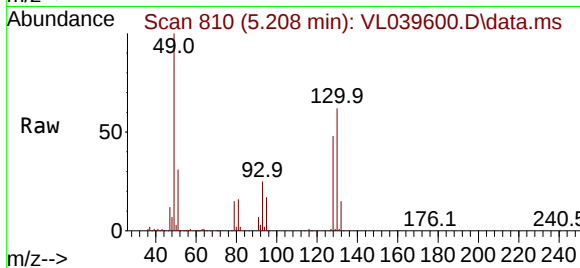
Reviewed By : Mahesh Dadoda 08/29/2022
Supervised By : Semsettin Yesilyurt 08/29/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

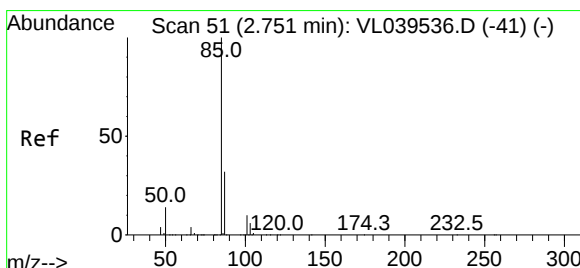
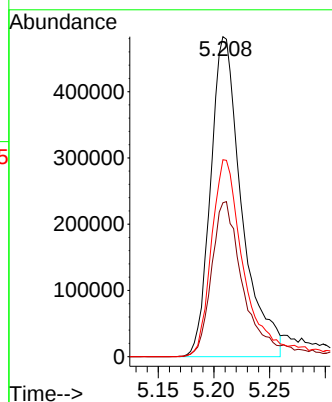
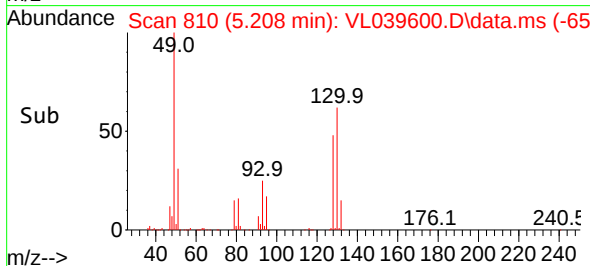
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 49 Resp: 93874
Ion Ratio Lower Upper
49 100
128 53.4 26.7 80.0
130 67.7 34.3 102.8

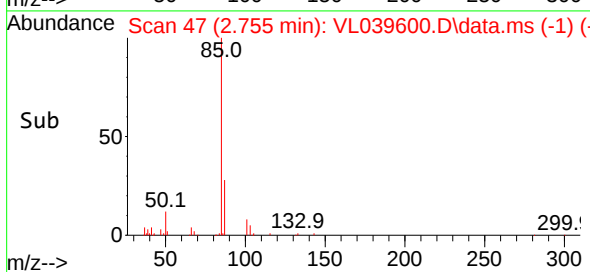
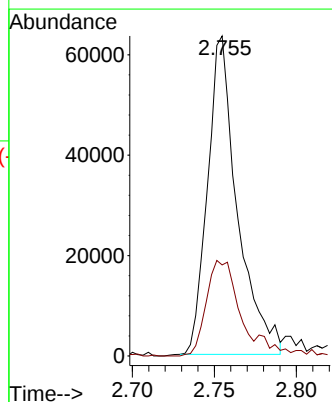
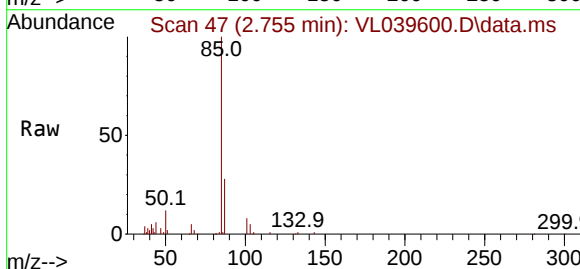
Manual Integrations
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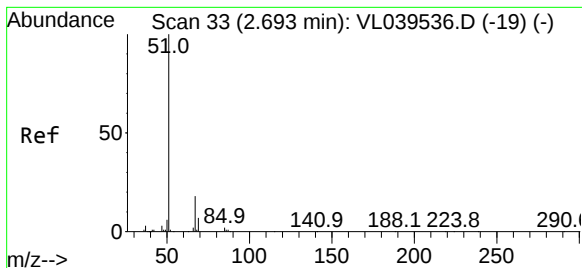
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#2
Dichlorodifluoromethane
Concen: 0.643 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

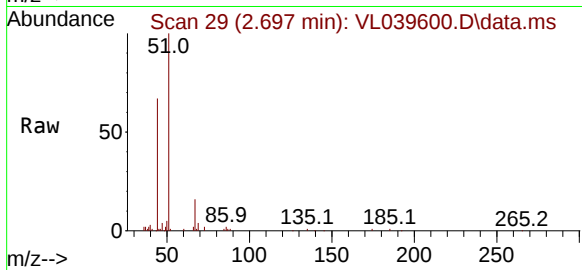
Tgt Ion: 85 Resp: 80260
Ion Ratio Lower Upper
85 100
87 28.6 26.7 40.1





#3
Chlorodifluoromethane
Concen: 0.504 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

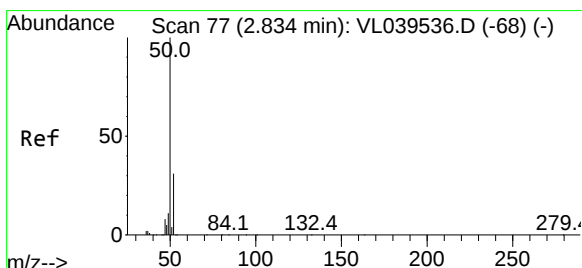
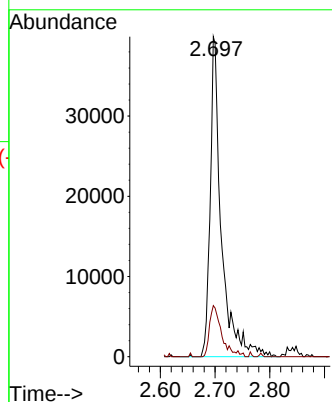
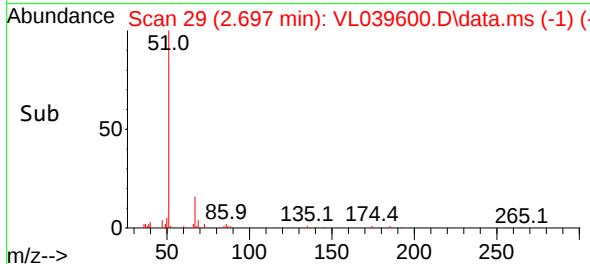
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



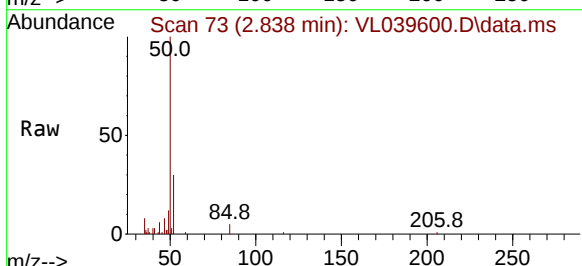
Tgt Ion: 51 Resp: 56400
Ion Ratio Lower Upper
51 100
67 17.6 15.7 23.5

Manual Integrations
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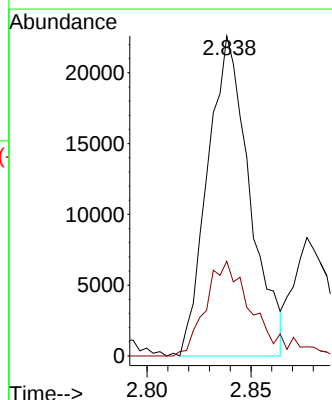
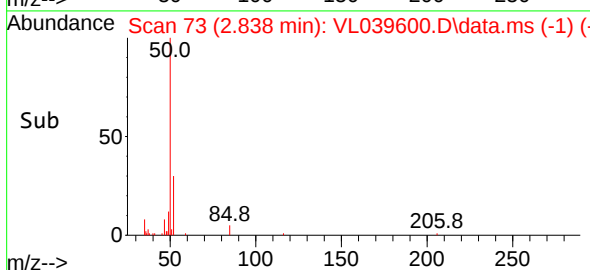
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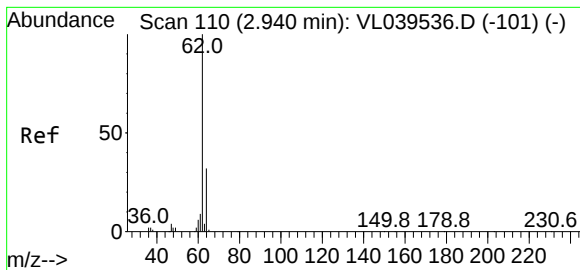


#4
Chloromethane
Concen: 0.472 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33



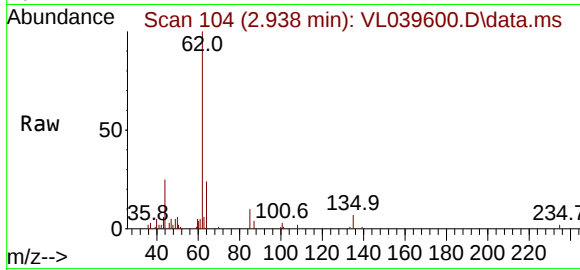
Tgt Ion: 50 Resp: 31792
Ion Ratio Lower Upper
50 100
52 28.2 26.5 39.7





#5
 Vinyl Chloride
 Concen: 0.486 ppbv m
 RT: 2.938 min Scan# 104
 Delta R.T. -0.002 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

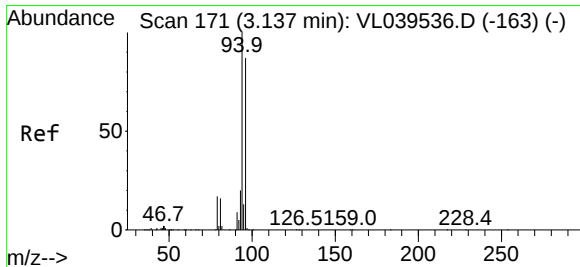
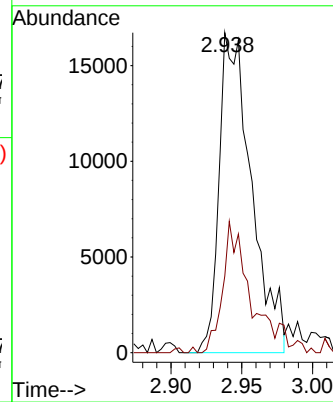
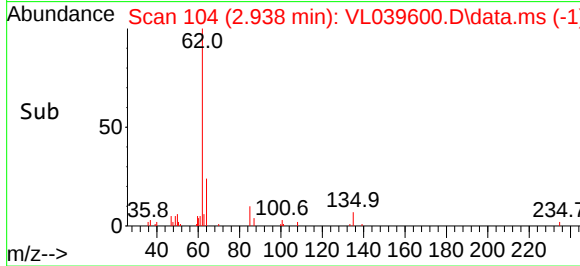
Instrument : MSVOA_L
 ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 62 Resp: 26449
 Ion Ratio Lower Upper
 62 100
 64 23.9 24.6 36.8

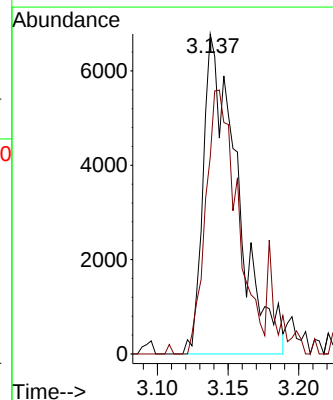
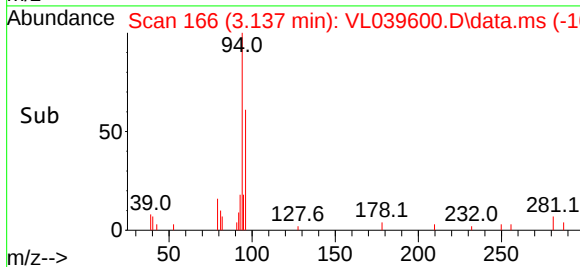
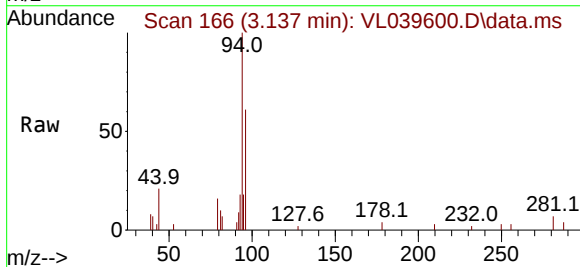
Manual Integrations
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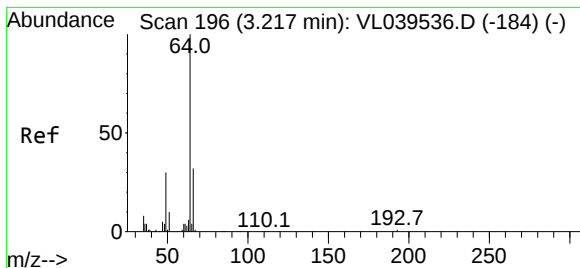
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#6
 Bromomethane
 Concen: 0.494 ppbv m
 RT: 3.137 min Scan# 166
 Delta R.T. 0.001 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

Tgt Ion: 94 Resp: 11388
 Ion Ratio Lower Upper
 94 100
 96 61.5 75.6 113.4





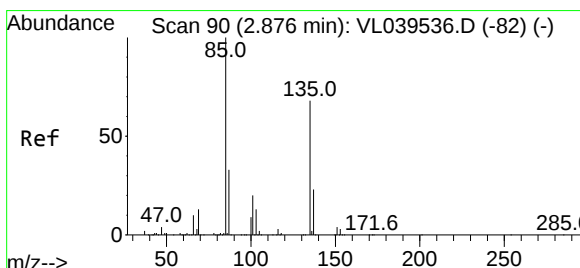
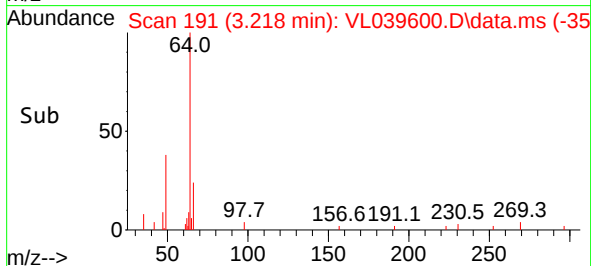
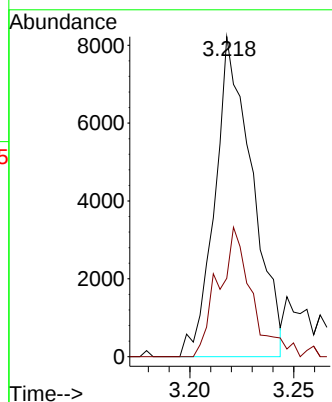
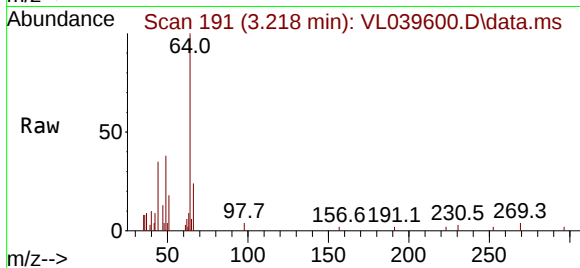
#7
Chloroethane
Concen: 0.504 ppbv
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 64 Resp: 1026
Ion Ratio Lower Upper
64 100
66 24.5 24.7 37.1

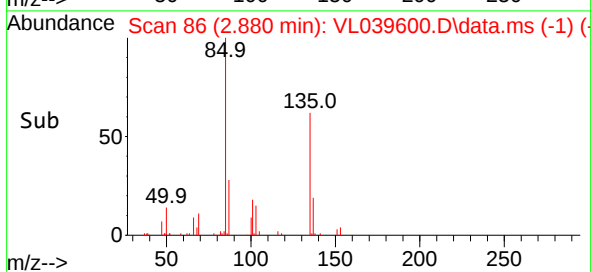
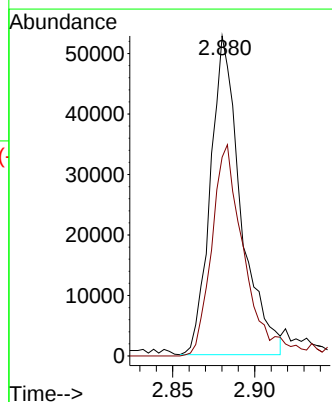
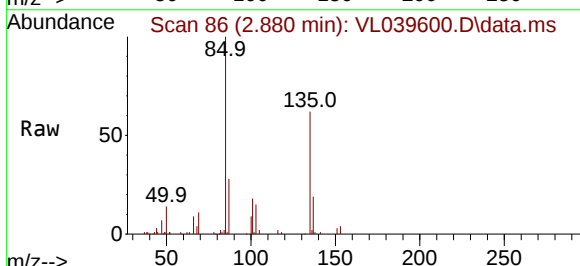
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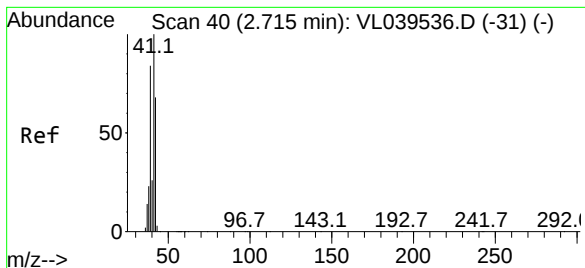
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#8
Dichlorotetrafluoroethane
Concen: 0.508 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

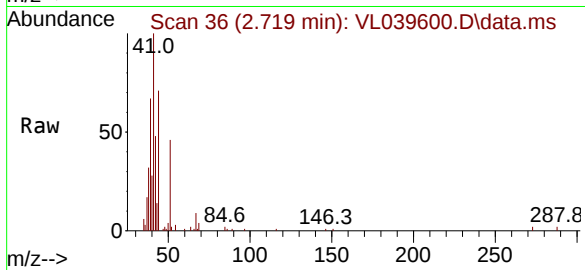
Tgt Ion: 85 Resp: 67935
Ion Ratio Lower Upper
85 100
135 74.0 59.0 88.4





#9
 Propene
 Concen: 0.578 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

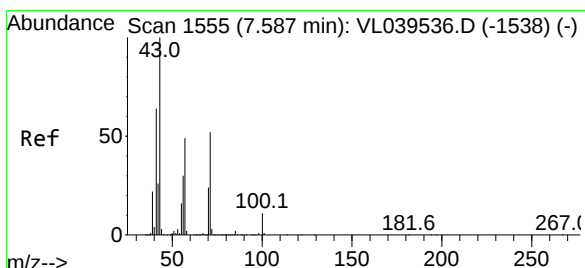
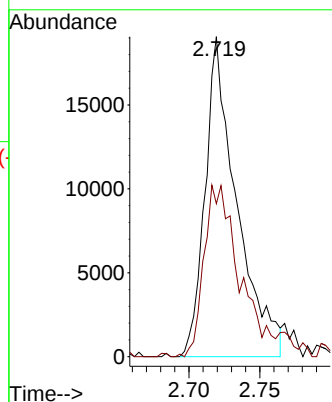
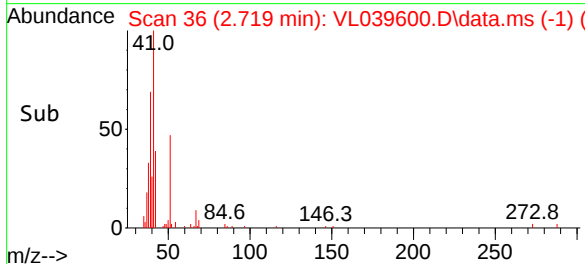
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Tgt Ion: 41 Resp: 2959
 Ion Ratio Lower Upper
 41 100
 42 67.0 55.2 82.8

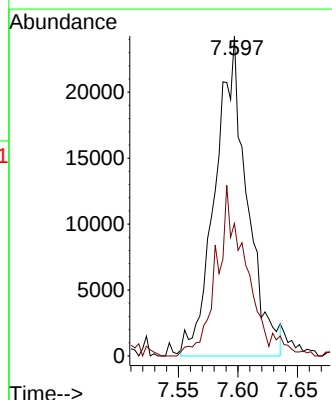
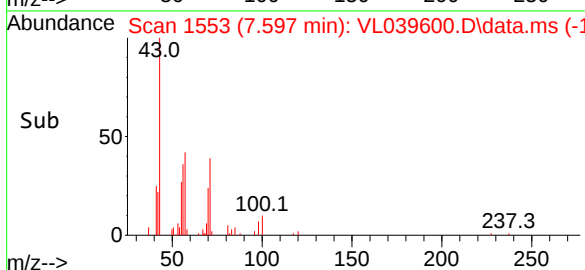
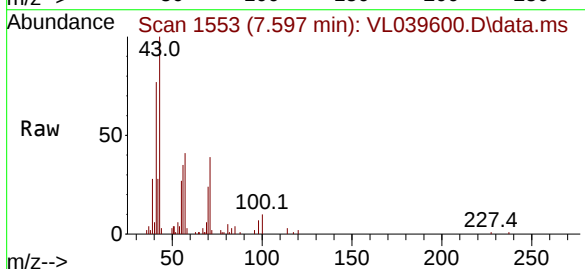
Manual Integrations
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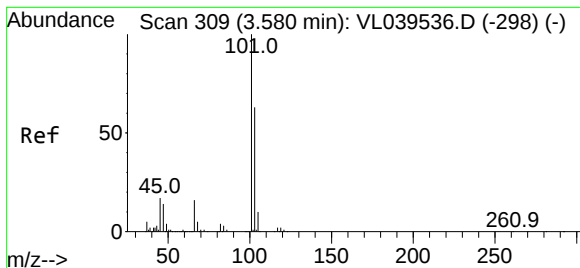
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 Supervised By :Semsettin Yesilyurt 08/29/2022



#10
 Heptane
 Concen: 0.382 ppbv m
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.010 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

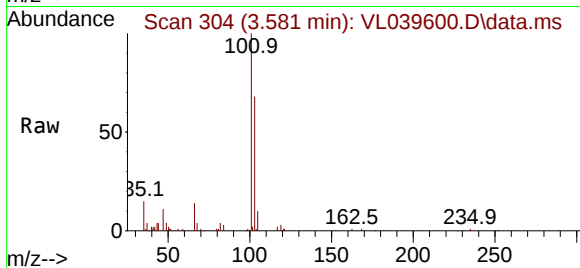
Tgt Ion: 43 Resp: 45332
 Ion Ratio Lower Upper
 43 100
 57 50.3 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.470 ppbv
RT: 3.581 min Scan# 309
Delta R.T. 0.001 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

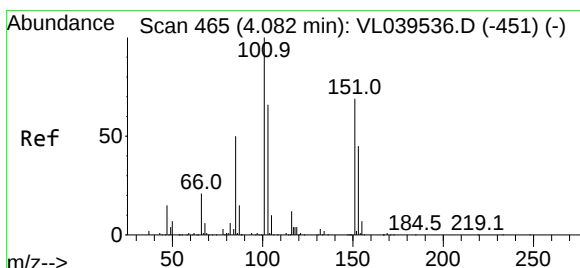
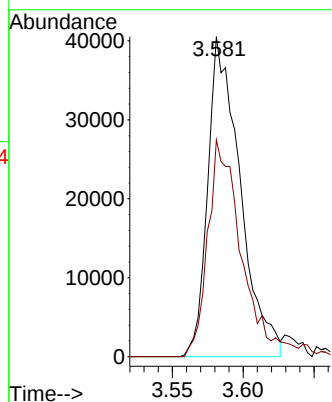
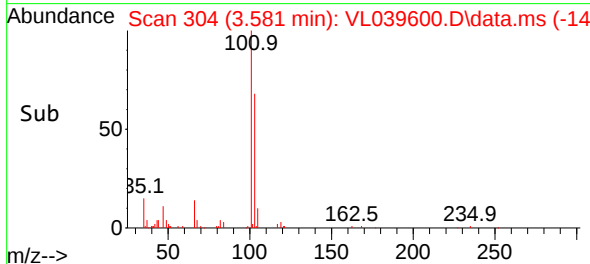
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:101 Resp: 6438
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.8

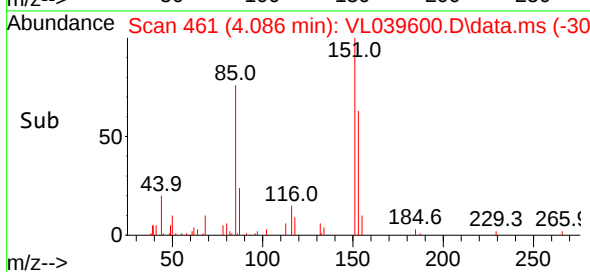
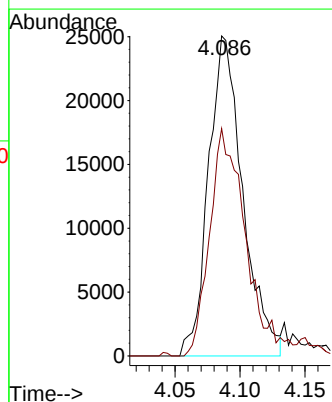
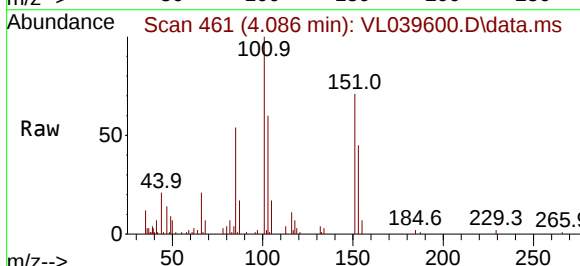
Manual Integrations
APPROVED

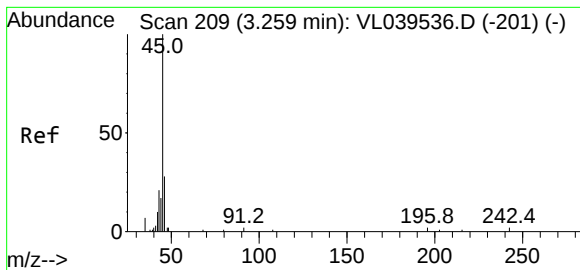
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.454 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion:101 Resp: 45994
Ion Ratio Lower Upper
101 100
151 78.3 58.9 88.3





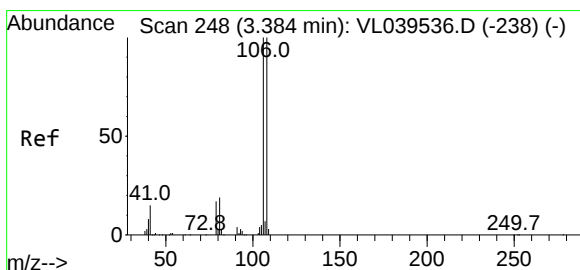
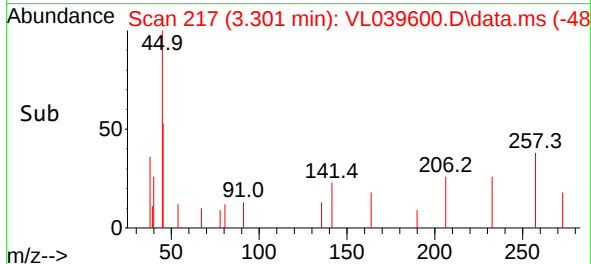
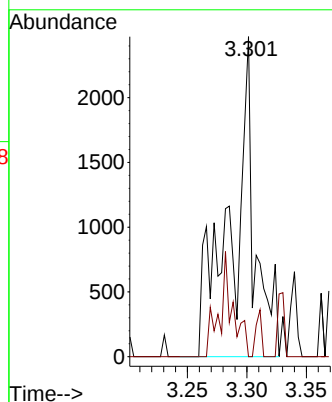
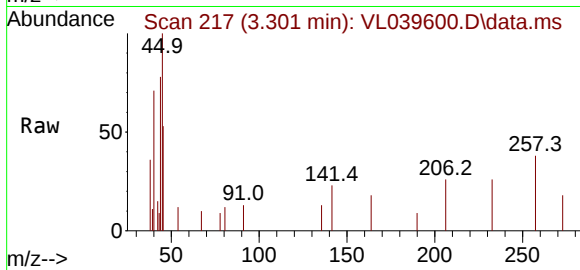
#13
Ethanol
Concen: 0.903 ppbv m
RT: 3.301 min Scan# 217
Delta R.T. 0.043 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 332
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

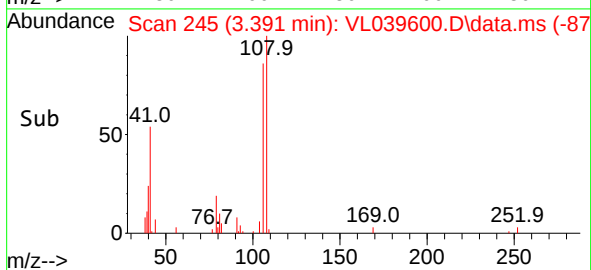
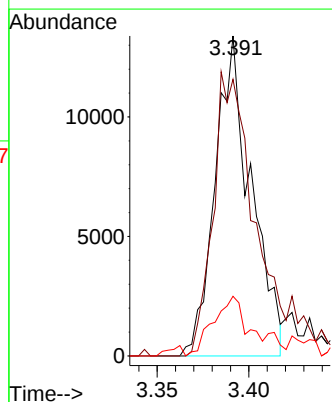
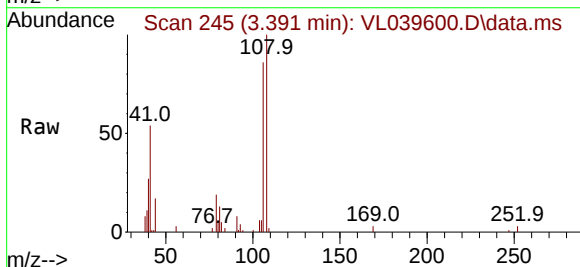
Manual Integrations
APPROVED

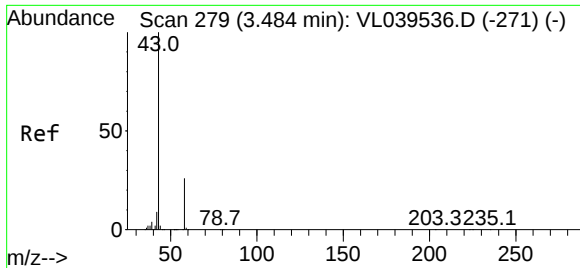
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#14
Bromoethene
Concen: 0.441 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion:108 Resp: 18284
Ion Ratio Lower Upper
108 100
106 115.6 87.1 130.7
79 25.2 14.6 22.0





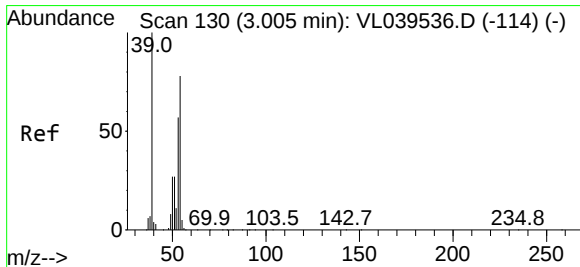
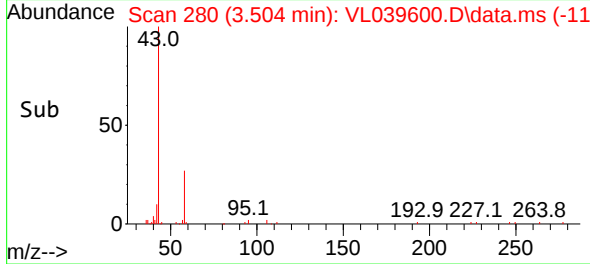
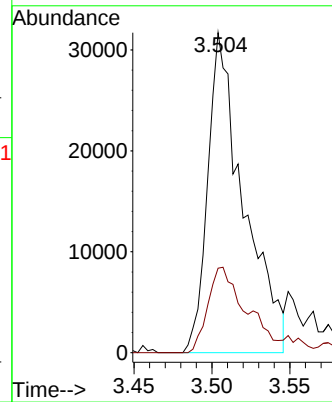
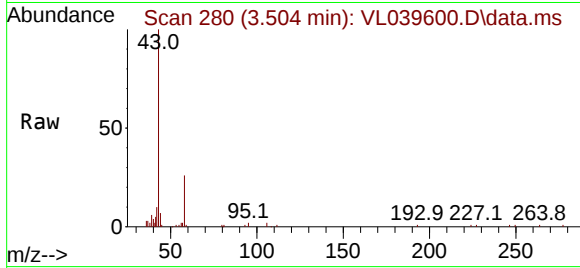
#15
Acetone
Concen: 0.484 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 43 Resp: 50870
Ion Ratio Lower Upper
43 100
58 32.4 21.0 31.6

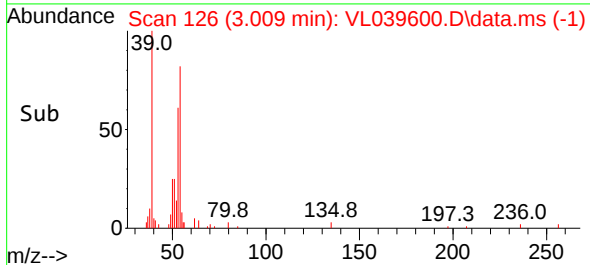
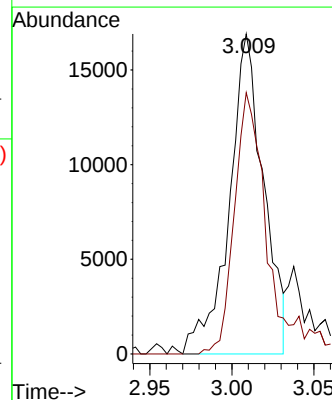
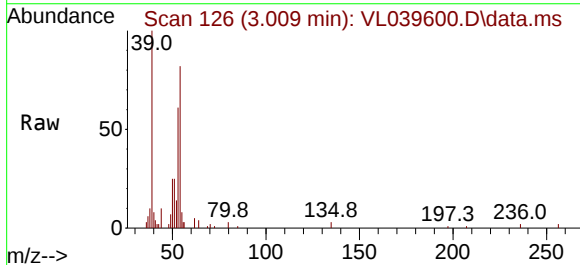
Manual Integrations
APPROVED

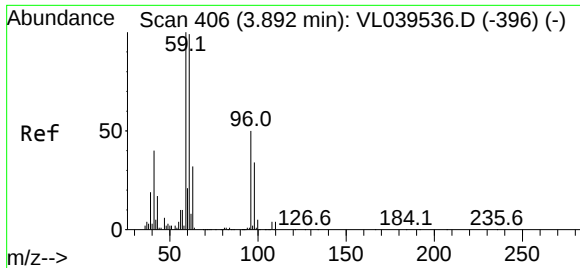
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#16
1,3-Butadiene
Concen: 0.449 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion: 39 Resp: 24610
Ion Ratio Lower Upper
39 100
54 83.2 63.7 95.5





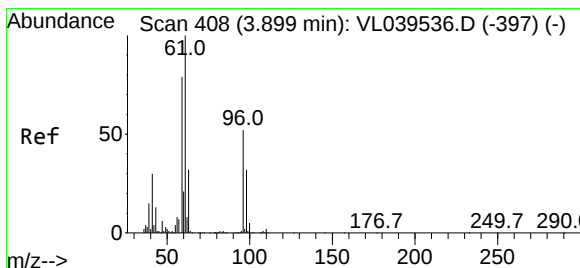
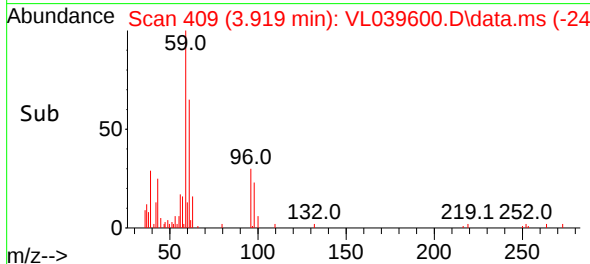
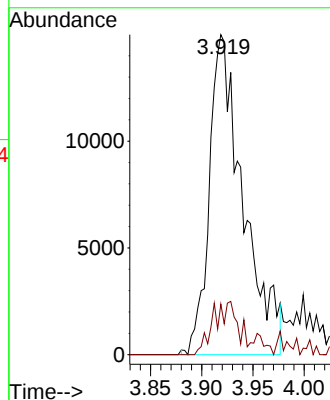
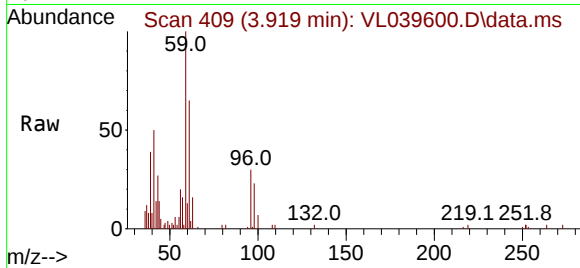
#17
tert-Butyl alcohol
Concen: 0.382 ppbv m
RT: 3.919 min Scan# 409
Delta R.T. 0.027 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 59 Resp: 34309
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

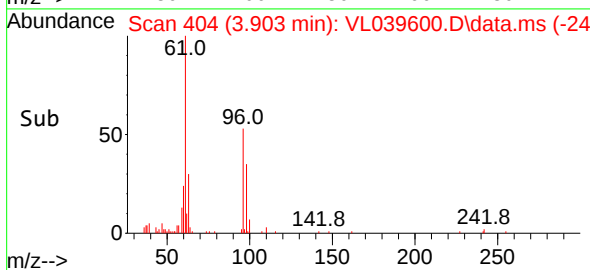
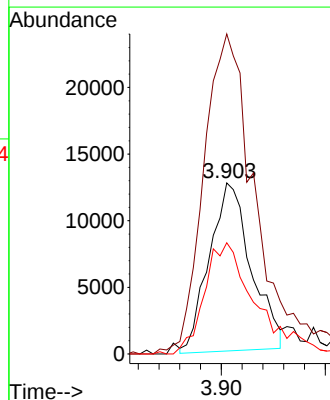
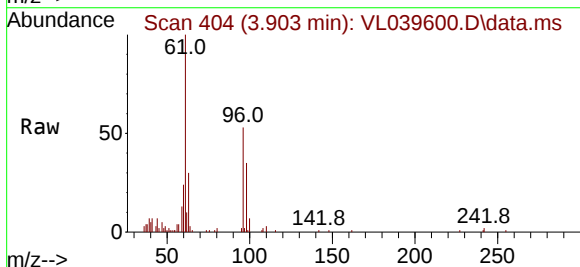
Manual Integrations
APPROVED

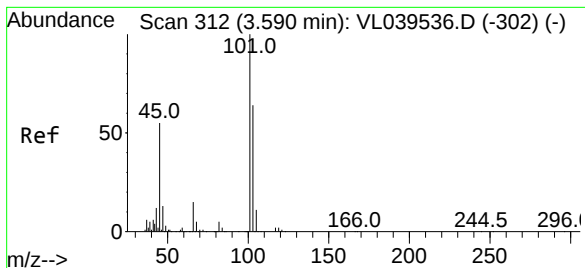
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#18
1,1-Dichloroethene
Concen: 0.387 ppbv
RT: 3.903 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion: 96 Resp: 17694
Ion Ratio Lower Upper
96 100
61 204.7 152.2 228.4
98 63.4 51.8 77.6





#19

Isopropyl Alcohol

Concen: 0.434 ppbv

RT: 3.613 min Scan# 312

Delta R.T. 0.023 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 2218

Ion Ratio Lower Upper

45 100

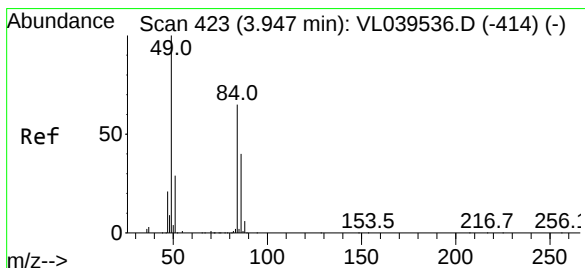
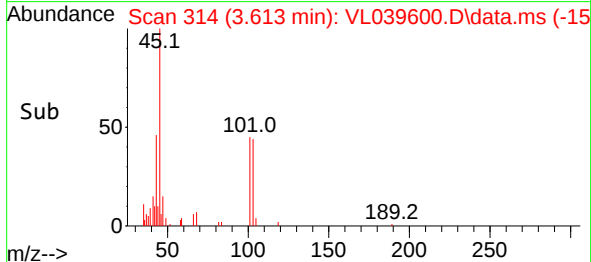
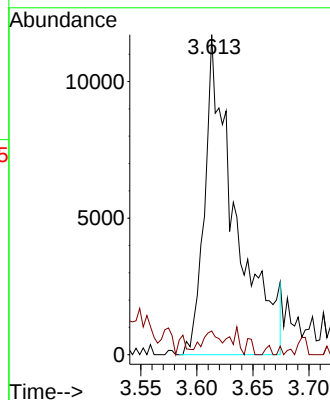
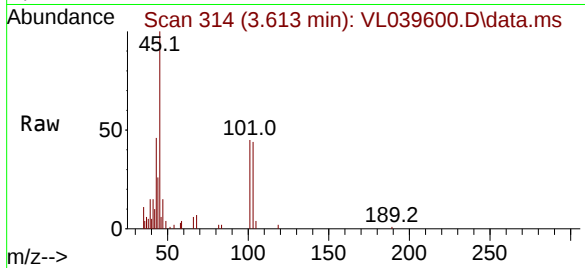
58 0.0 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#20

Methylene Chloride

Concen: 0.634 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.007 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Tgt Ion: 84 Resp: 27100

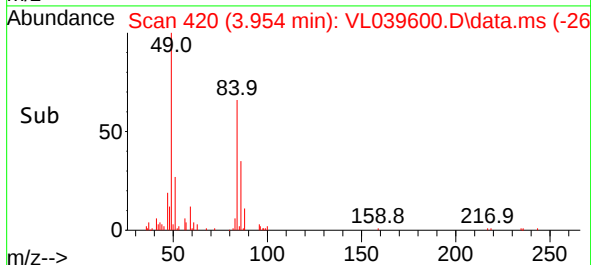
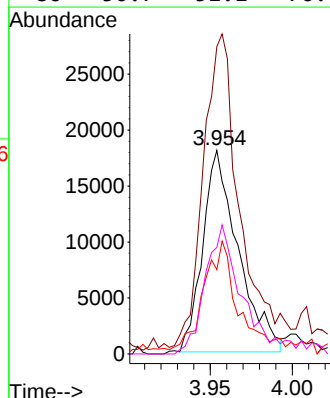
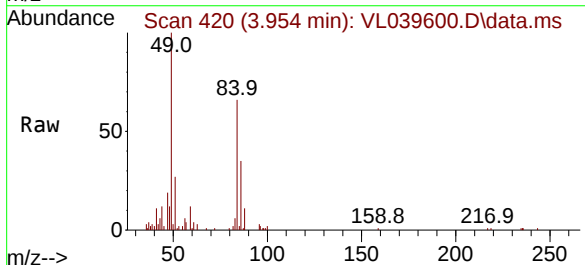
Ion Ratio Lower Upper

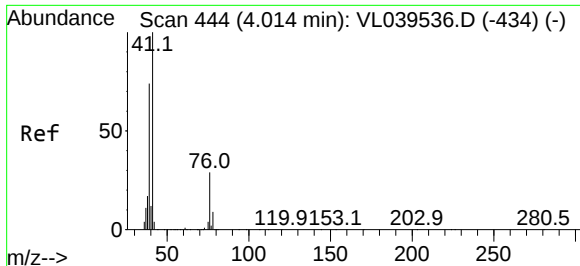
84 100

49 143.0 123.1 184.7

51 37.0 34.4 51.6

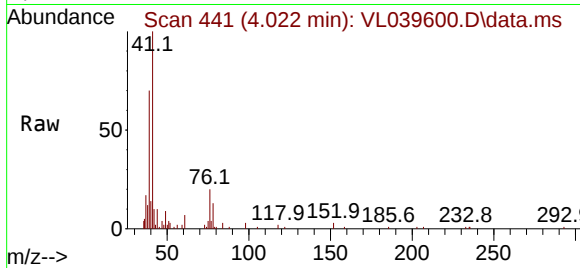
86 50.7 51.1 76.7





#21
 Allyl Chloride
 Concen: 0.459 ppbv
 RT: 4.022 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

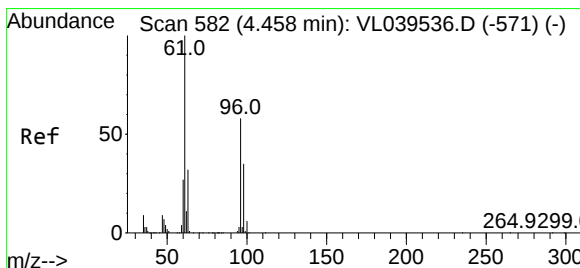
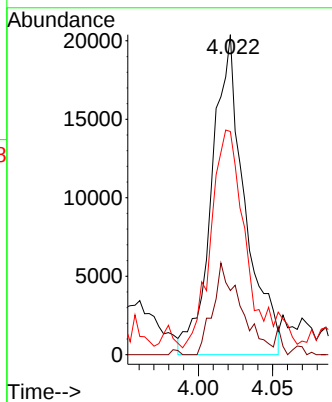
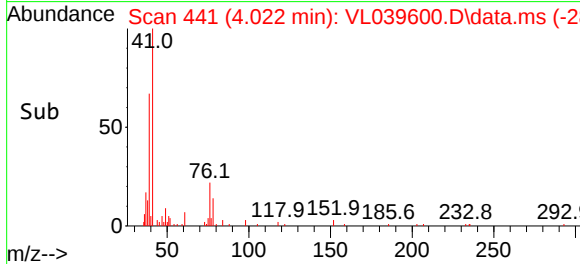
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 41 Resp: 31404
 Ion Ratio Lower Upper
 41 100
 76 27.4 24.4 36.6
 39 81.3 63.5 95.3

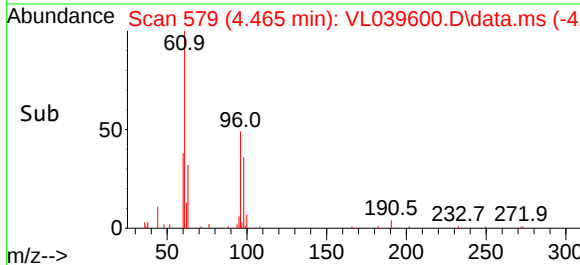
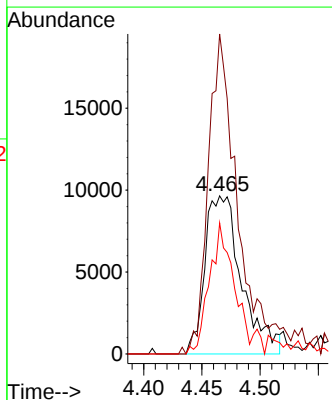
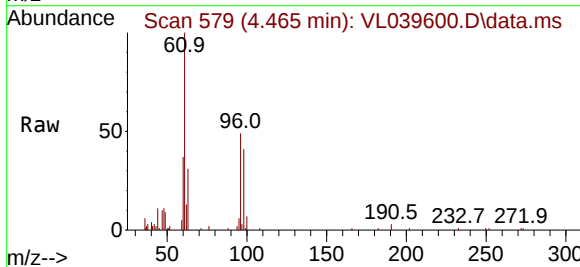
Manual Integrations
 APPROVED

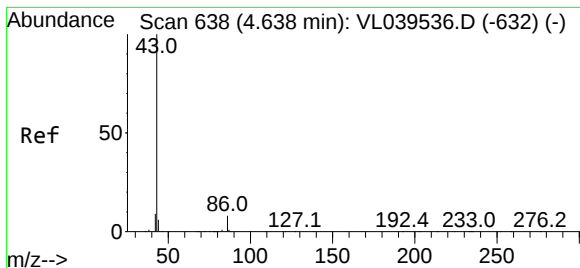
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.466 ppbv m
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

Tgt Ion: 96 Resp: 21159
 Ion Ratio Lower Upper
 96 100
 61 202.4 130.6 195.8#
 98 82.9 53.4 80.0#





#23

Vinyl Acetate

Concen: 0.483 ppbv m

RT: 4.652 min Scan# 615

Delta R.T. 0.014 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

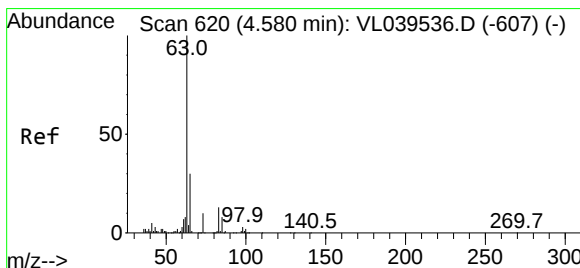
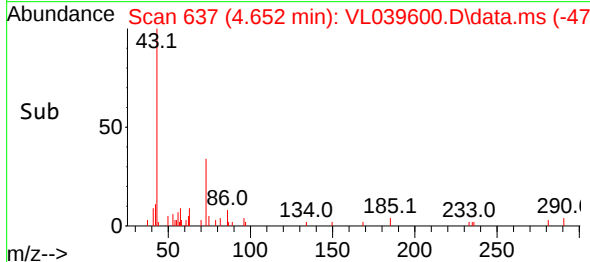
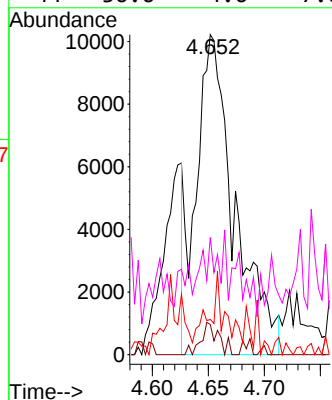
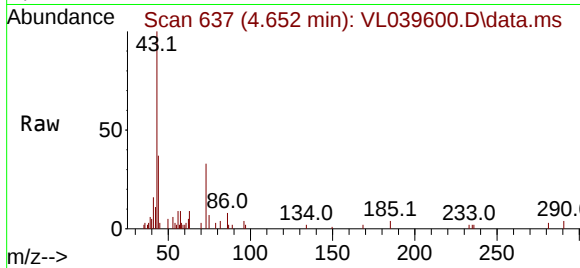
MDL-AIR-03-QT3-2022

Tgt Ion: 43	Resp: 24164
Ion Ratio	Lower Upper
43 100	
86 7.8	5.0 7.6
42 11.0	7.7 11.5
44 36.6	4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#24

1,1-Dichloroethane

Concen: 0.451 ppbv

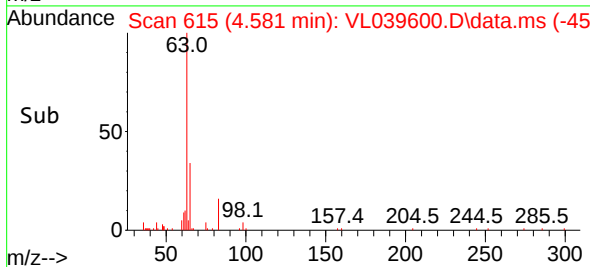
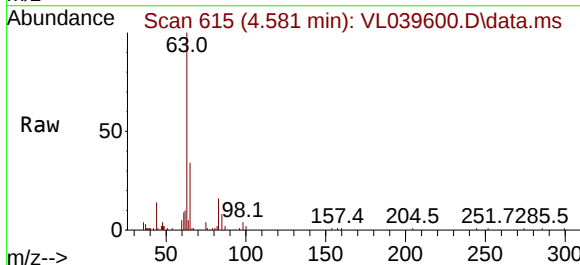
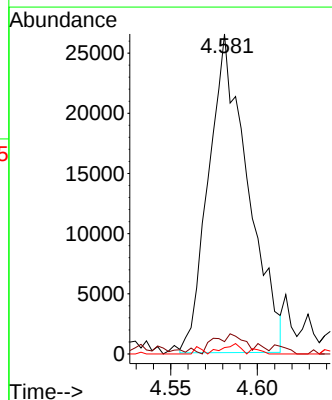
RT: 4.581 min Scan# 615

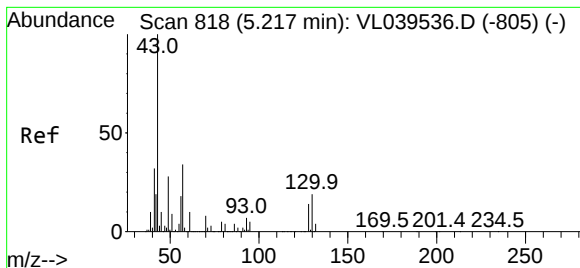
Delta R.T. 0.001 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

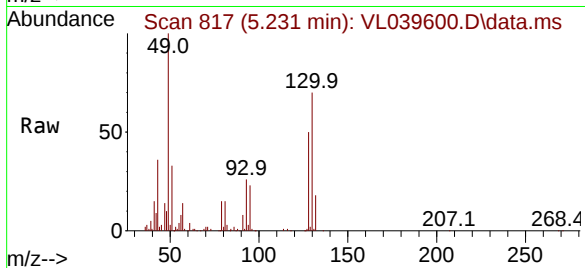
Tgt Ion: 63	Resp: 41696
Ion Ratio	Lower Upper
63 100	
98 2.6	1.8 5.3
100 2.1	1.5 4.4





#25
Ethyl Acetate
Concen: 0.432 ppbv
RT: 5.231 min Scan# 817
Delta R.T. 0.014 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

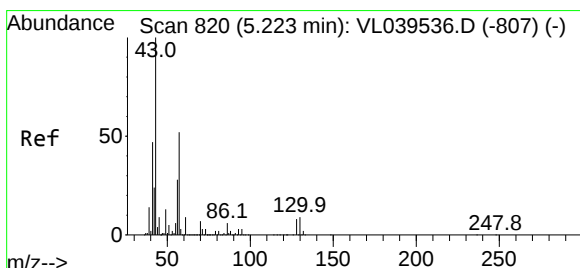
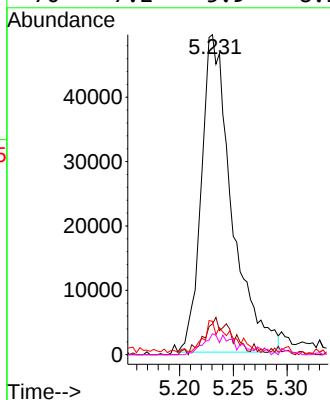
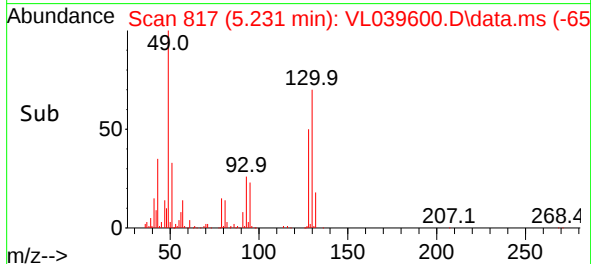


Tgt Ion: 43 Resp: 9716

Ion	Ratio	Lower	Upper
43	100		
45	12.3	8.2	12.4
61	11.2	8.3	12.5
70	7.2	5.9	8.9

Manual Integrations
APPROVED

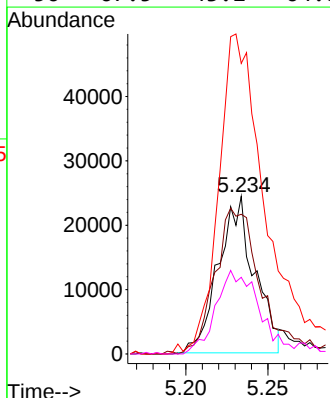
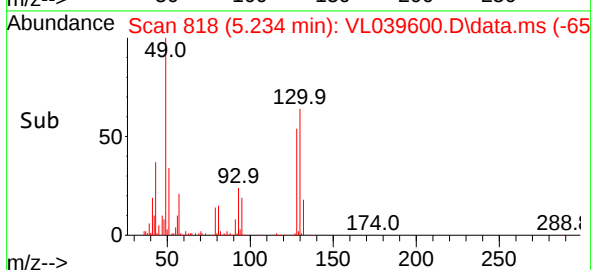
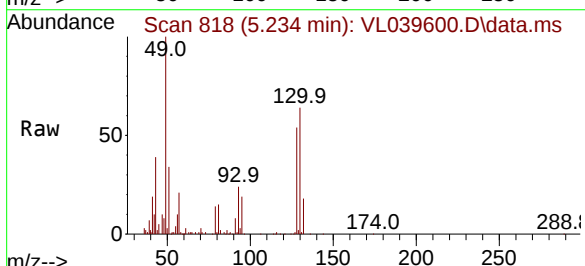
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

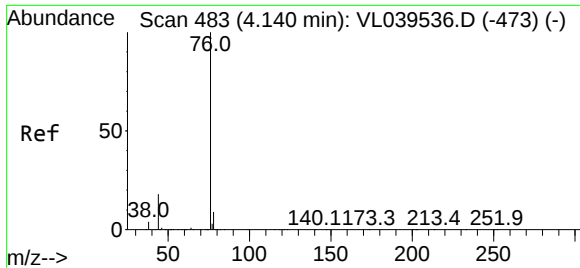


#26
Hexane
Concen: 0.405 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion: 57 Resp: 37179

Ion	Ratio	Lower	Upper
57	100		
41	120.6	76.9	115.3#
43	282.9	191.0	286.6
56	67.5	43.2	64.8#





#27

Carbon Disulfide

Concen: 0.268 ppbv

RT: 4.147 min Scan# 483

Delta R.T. 0.007 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

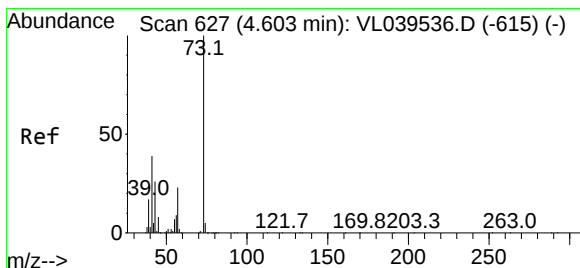
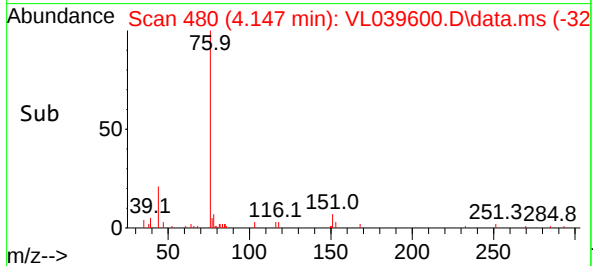
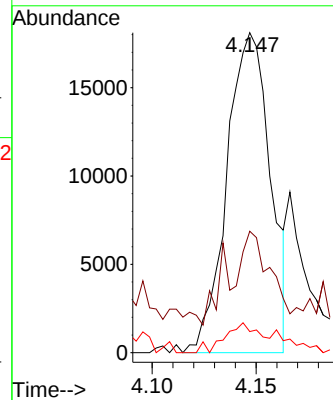
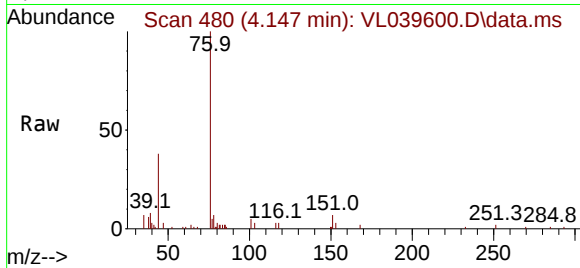
MDL-AIR-03-QT3-2022

Tgt Ion: 76 Resp: 26328
 Ion Ratio Lower Upper
 76 100
 44 24.1 14.6 21.8
 78 11.3 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#28

Methyl tert-Butyl Ether

Concen: 0.355 ppbv

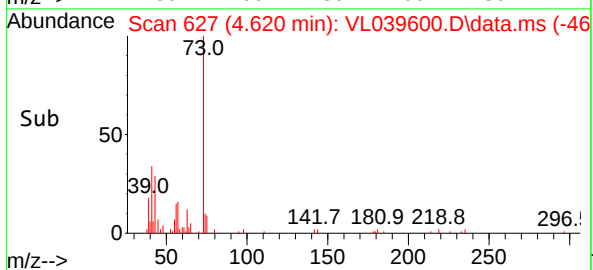
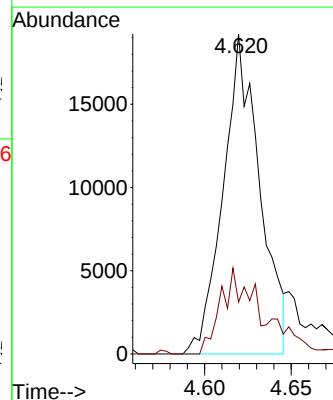
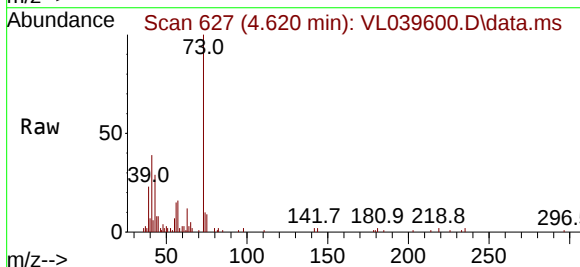
RT: 4.620 min Scan# 627

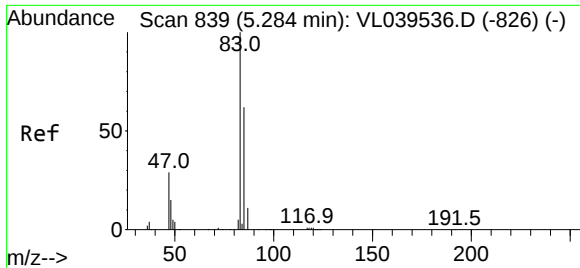
Delta R.T. 0.017 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Tgt Ion: 73 Resp: 28151
 Ion Ratio Lower Upper
 73 100
 57 31.0 19.8 29.8





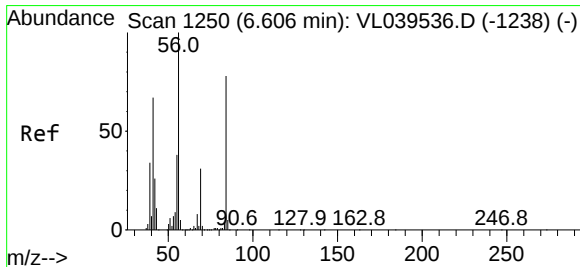
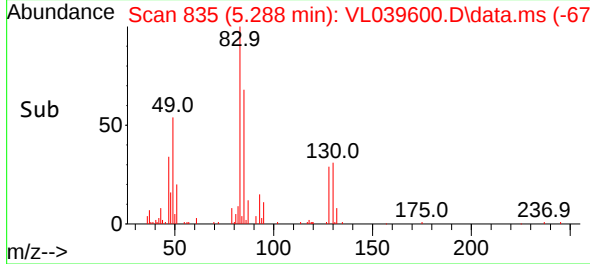
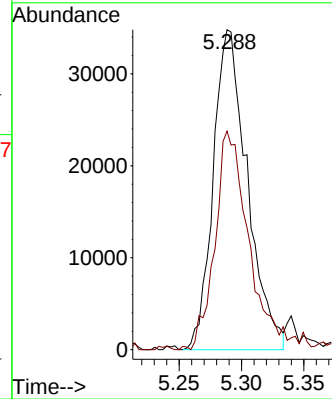
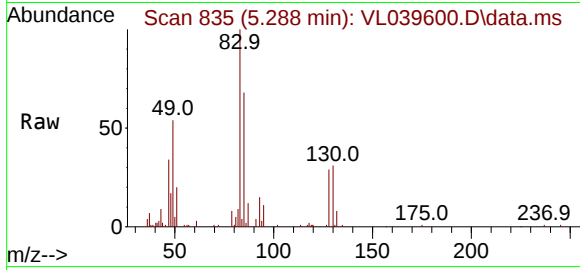
#29
Chloroform
Concen: 0.460 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 83 Resp: 66099
Ion Ratio Lower Upper
83 100
85 67.3 52.8 79.2

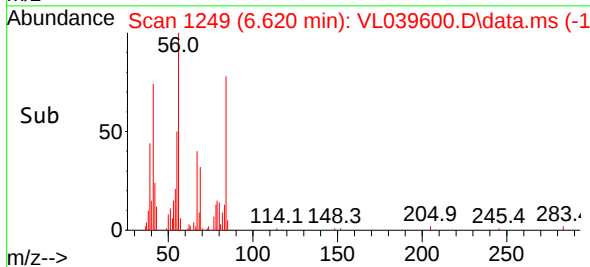
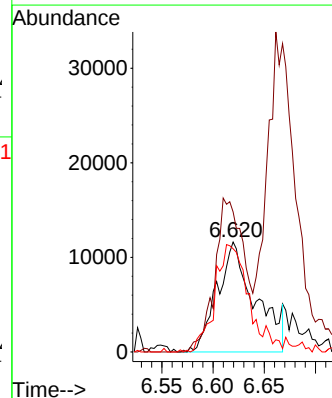
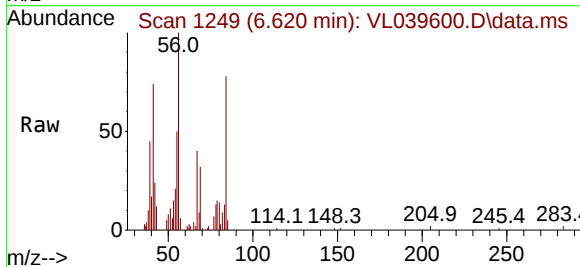
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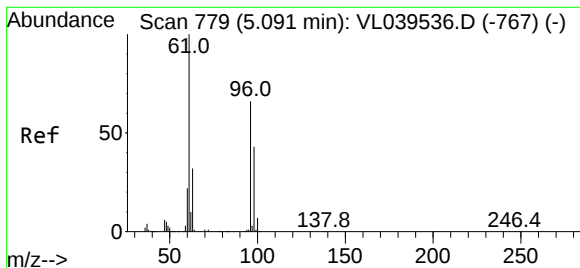
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#30
Cyclohexane
Concen: 0.395 ppbv m
RT: 6.620 min Scan# 1249
Delta R.T. 0.014 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion: 84 Resp: 30023
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 67.7 101.5#





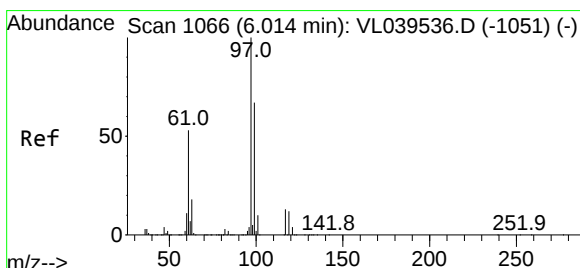
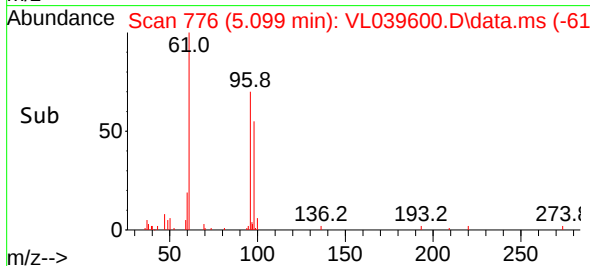
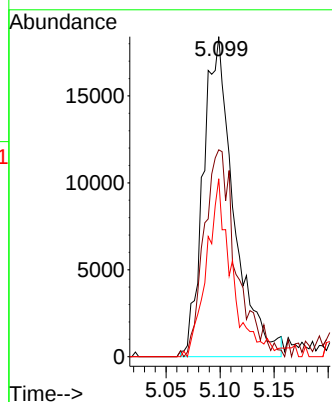
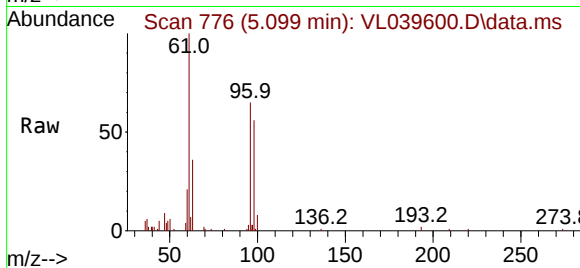
#31
 cis-1,2-Dichloroethene
 Concen: 0.407 ppbv m
 RT: 5.099 min Scan# 779
 Delta R.T. 0.007 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Tgt Ion: 61 Resp: 36218
 Ion Ratio Lower Upper
 61 100
 96 64.6 54.1 81.1
 98 55.6 34.6 52.0

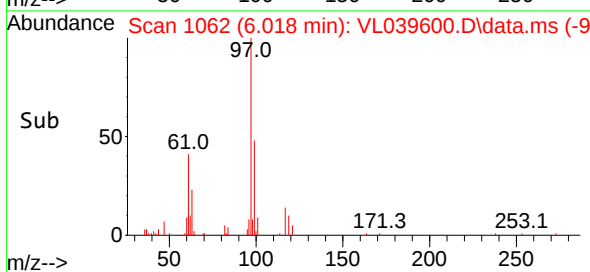
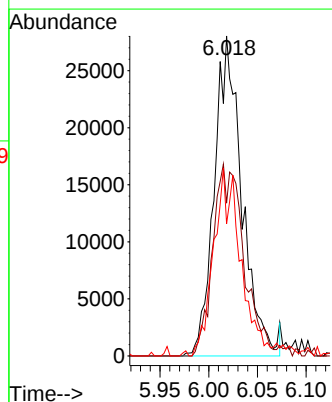
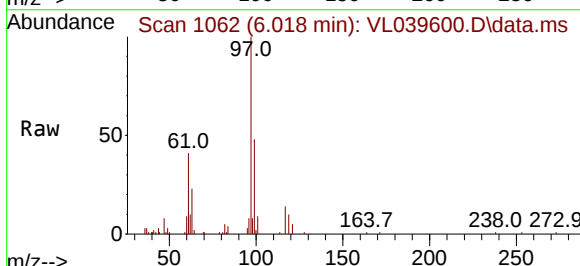
Manual Integrations
 APPROVED

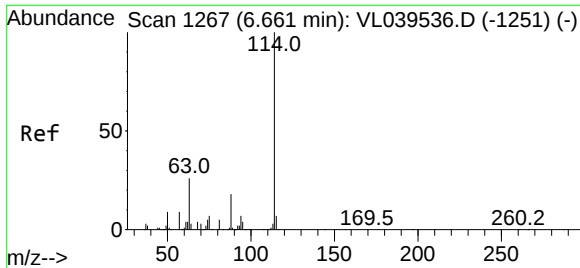
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.438 ppbv m
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.004 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

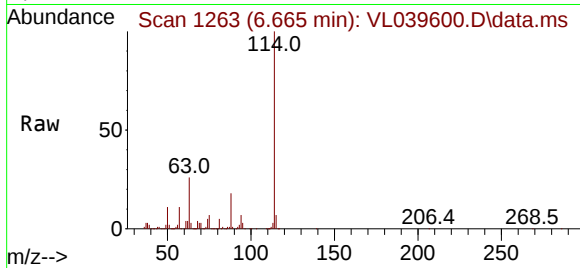
Tgt Ion: 97 Resp: 55371
 Ion Ratio Lower Upper
 97 100
 99 68.6 52.3 78.5
 61 60.1 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.665 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

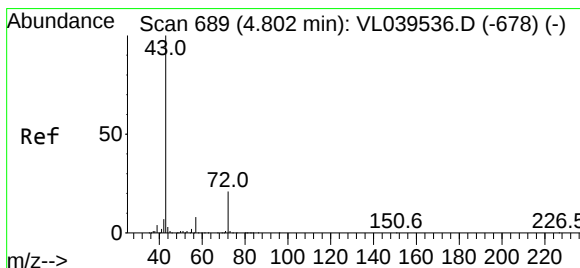
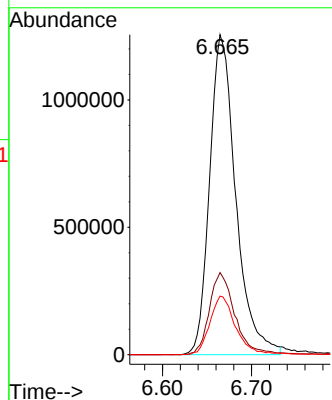
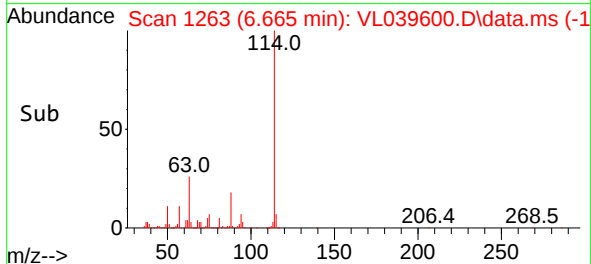
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



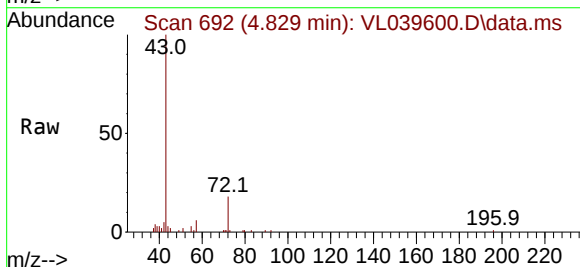
Tgt Ion:114 Resp: 2561039
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 18.3 14.5 21.7

Manual Integrations
APPROVED

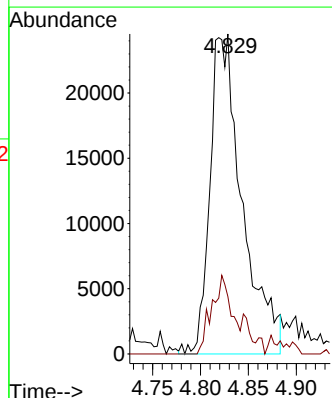
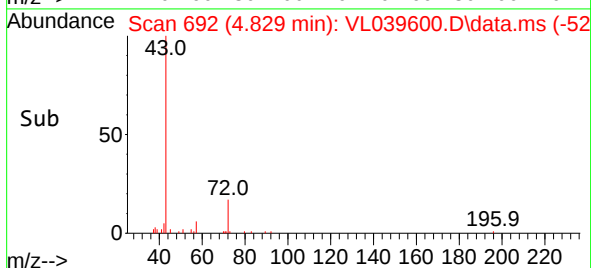
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

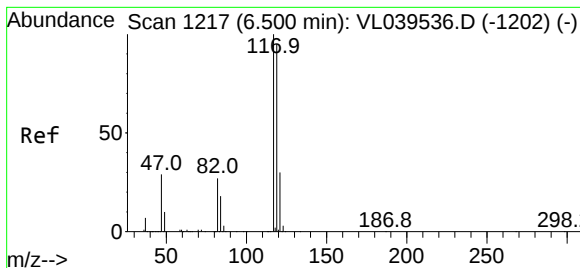


#34
2-Butanone
Concen: 0.451 ppbv m
RT: 4.829 min Scan# 692
Delta R.T. 0.027 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33



Tgt Ion: 43 Resp: 57397
Ion Ratio Lower Upper
43 100
72 22.0 17.9 26.9





#35

Carbon Tetrachloride

Concen: 0.399 ppbv

RT: 6.510 min Scan# 117

Delta R.T. 0.010 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

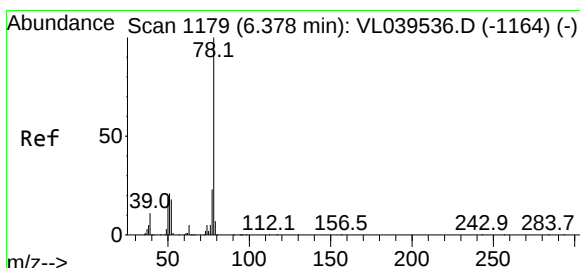
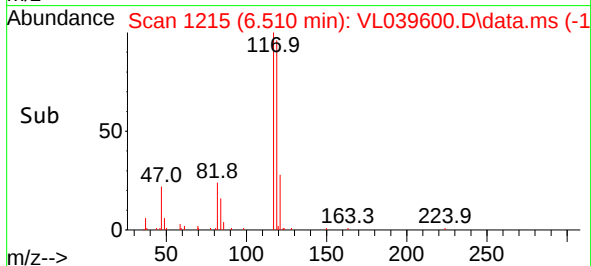
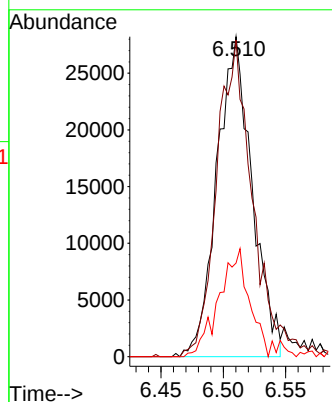
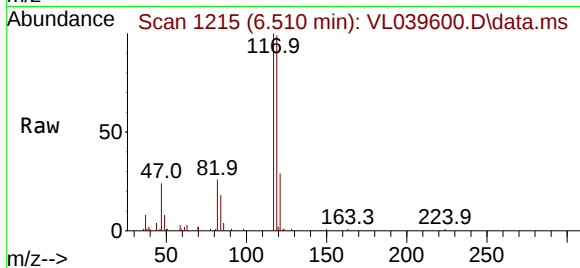
MDL-AIR-03-QT3-2022

Tgt Ion:	117	Resp:	55274
Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.4	113.2
121	29.2	24.2	36.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#36

Benzene

Concen: 0.376 ppbv

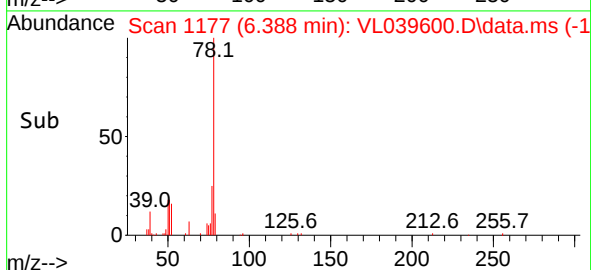
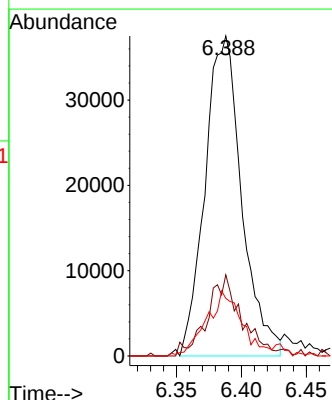
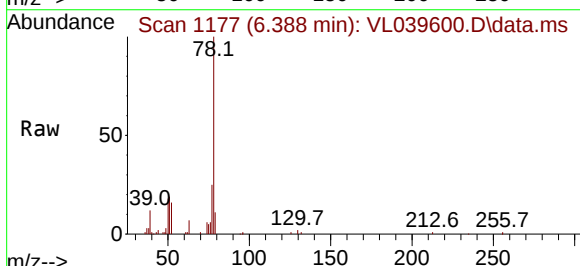
RT: 6.388 min Scan# 1177

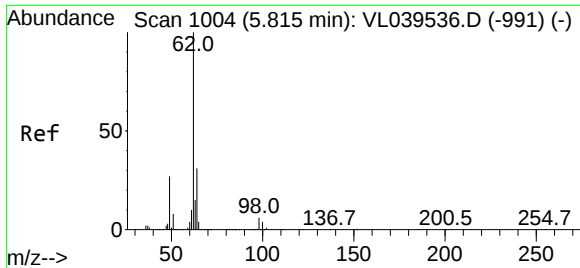
Delta R.T. 0.010 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

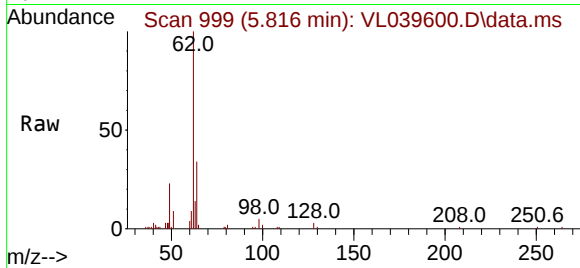
Tgt Ion:	78	Resp:	73488
Ion	Ratio	Lower	Upper
78	100		
77	23.6	20.3	30.5
50	17.1	15.5	23.3





#37
1,2-Dichloroethane
Concen: 0.455 ppbv
RT: 5.816 min Scan# 999
Delta R.T. 0.001 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

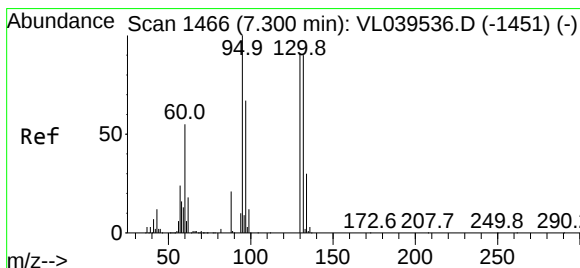
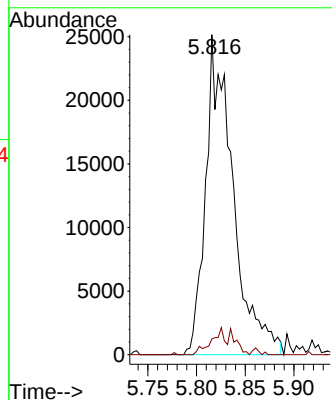
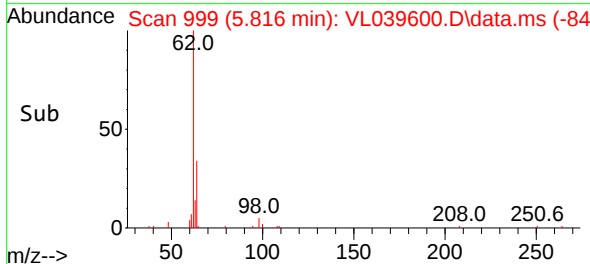
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



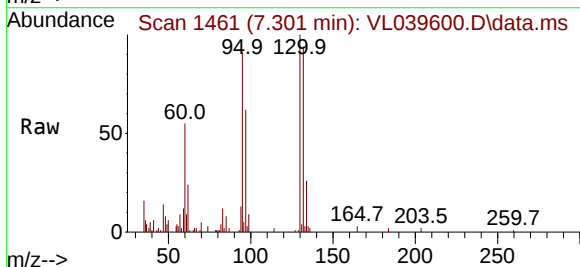
Tgt Ion: 62 Resp: 48972
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7

Manual Integrations
APPROVED

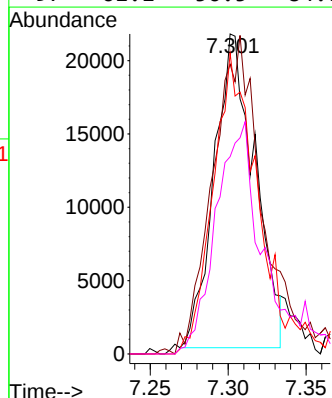
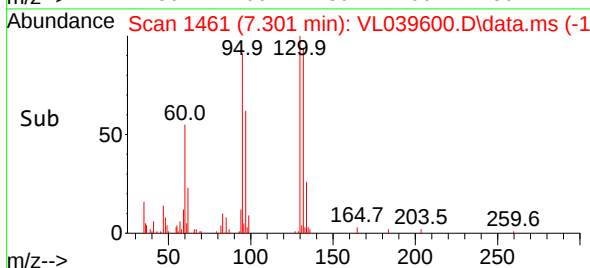
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

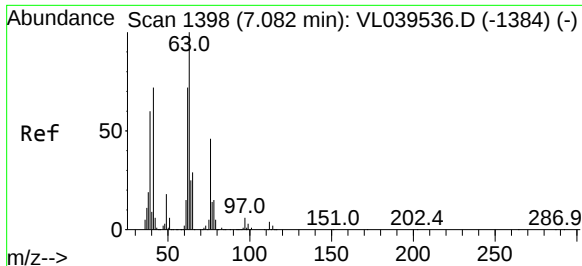


#38
Trichloroethene
Concen: 0.372 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33



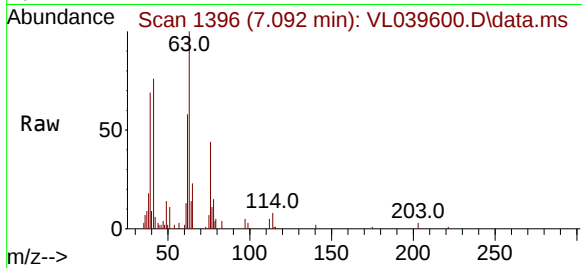
Tgt Ion:130 Resp: 38877
Ion Ratio Lower Upper
130 100
95 85.7 87.3 130.9#
132 94.3 76.7 115.1
97 61.1 56.5 84.7





#39
1,2-Dichloropropane
Concen: 0.429 ppbv m
RT: 7.092 min Scan# 1480
Delta R.T. 0.010 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

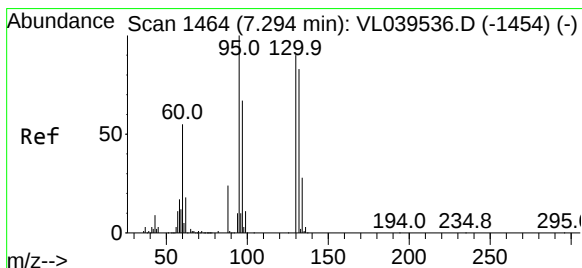
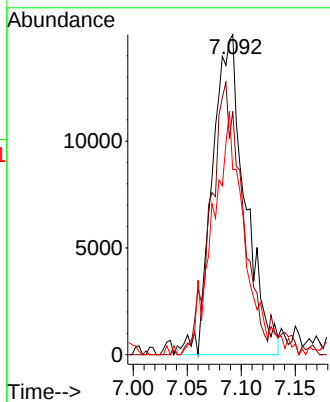
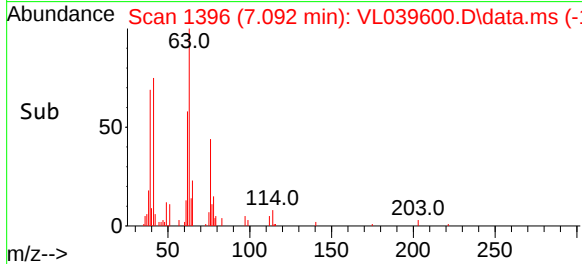
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 63 Resp: 3148
Ion Ratio Lower Upper
63 100
41 76.0 59.6 89.4
62 57.9 51.4 77.0

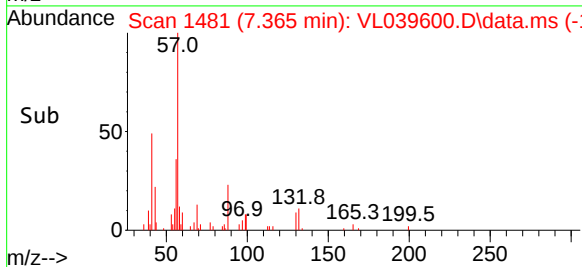
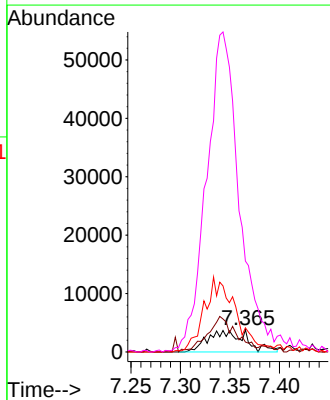
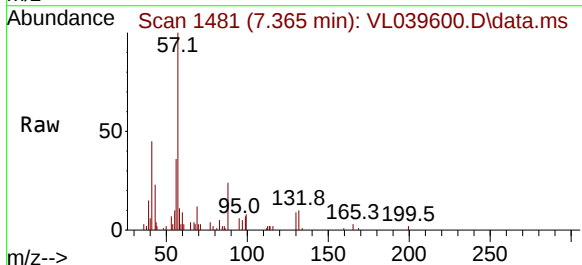
Manual Integrations
APPROVED

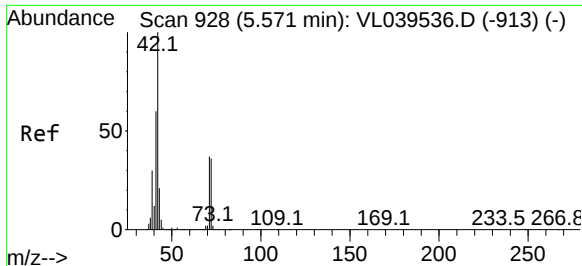
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#40
1,4-Dioxane
Concen: 0.341 ppbv m
RT: 7.365 min Scan# 1481
Delta R.T. 0.072 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

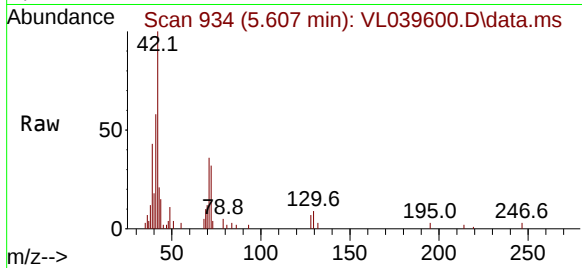
Tgt Ion: 88 Resp: 9790
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 0.344 ppbv m
RT: 5.607 min Scan# 91
Delta R.T. 0.036 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

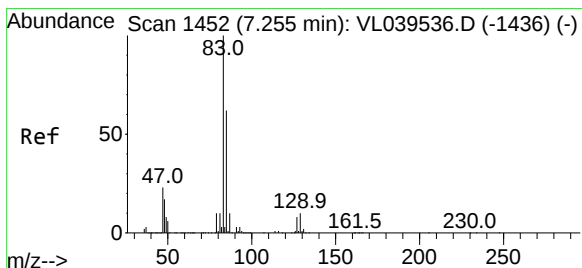
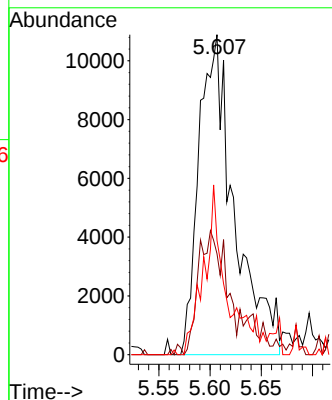
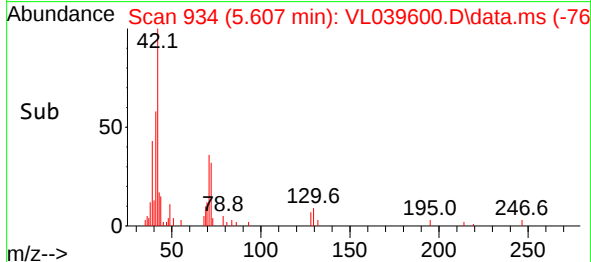
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 42 Resp: 26184
Ion Ratio Lower Upper
42 100
72 40.4 31.8 47.8
71 38.4 31.8 47.8

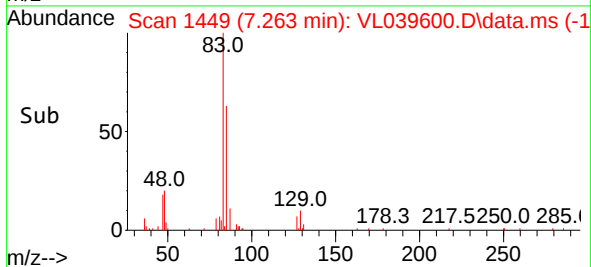
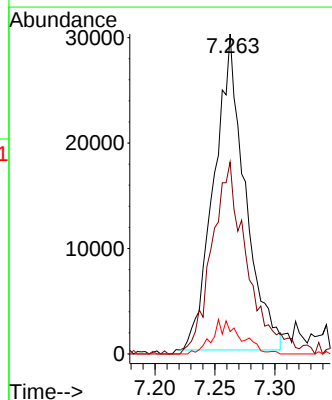
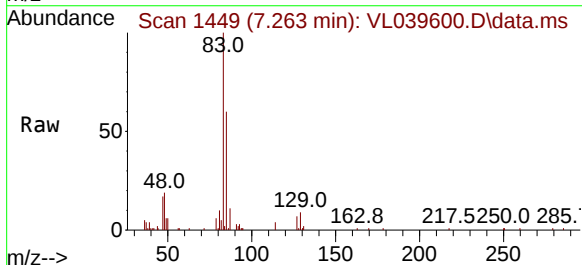
Manual Integrations
APPROVED

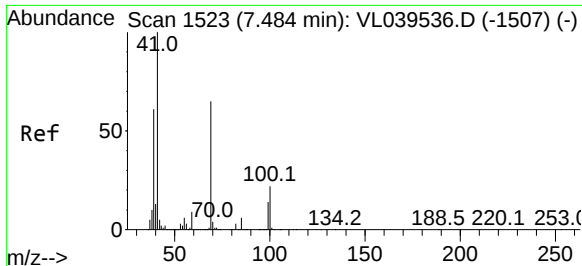
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#42
Bromodichloromethane
Concen: 0.367 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

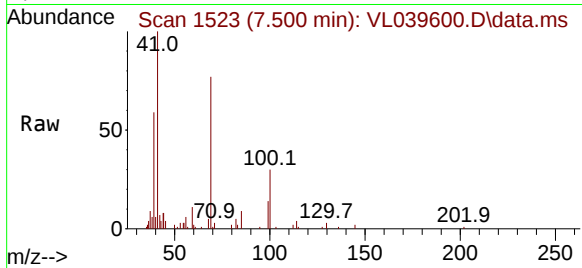
Tgt Ion: 83 Resp: 53947
Ion Ratio Lower Upper
83 100
85 60.7 50.7 76.1
127 7.1 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.323 ppbv
RT: 7.500 min Scan# 1523
Delta R.T. 0.017 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

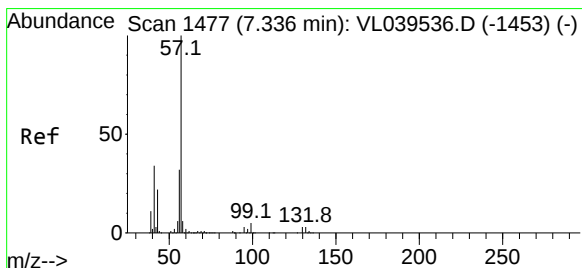
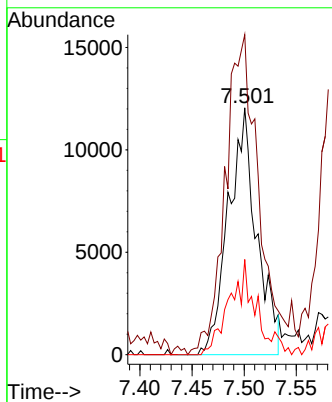
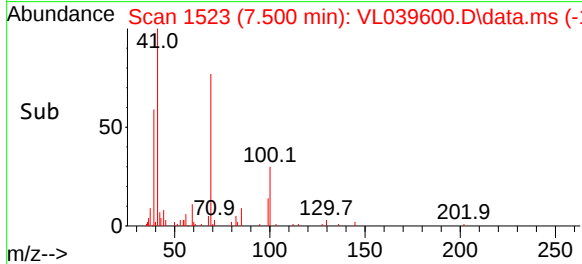
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 69 Resp: 2272
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2
100 0.0 27.8 41.6

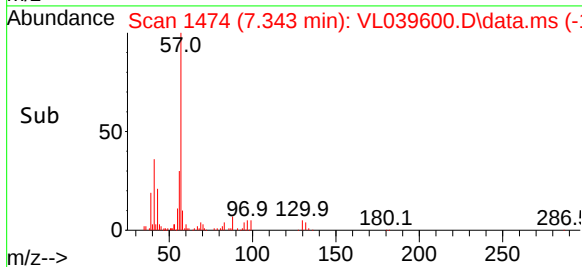
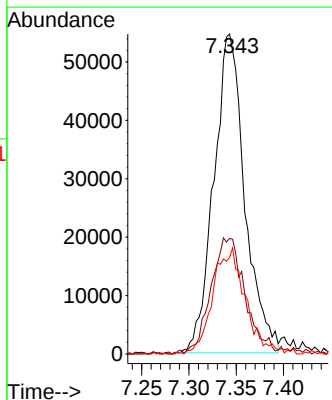
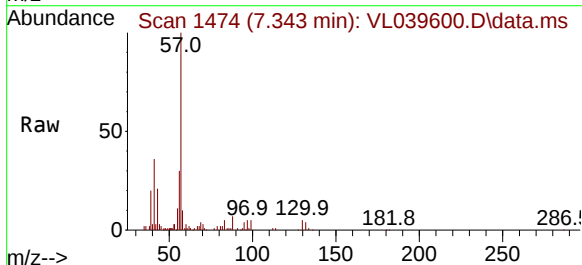
Manual Integrations
APPROVED

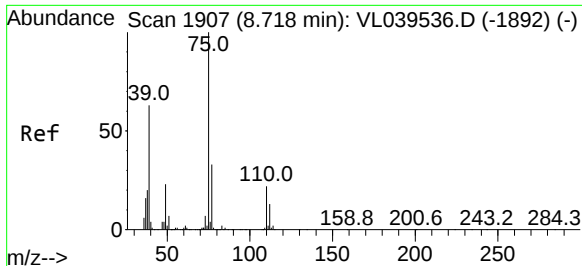
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#44
2,2,4-Trimethylpentane
Concen: 0.379 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion: 57 Resp: 124839
Ion Ratio Lower Upper
57 100
41 41.2 27.4 41.2
56 35.0 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 0.252 ppbv m

RT: 8.722 min Scan# 1907

Delta R.T. 0.004 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 75 Resp: 1545

Ion Ratio Lower Upper

75 100

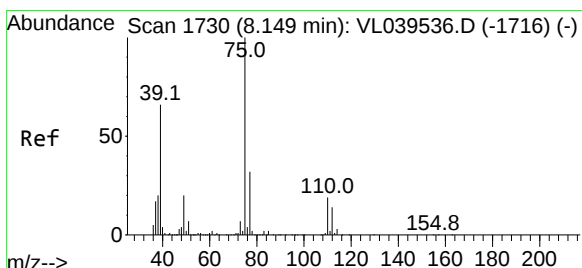
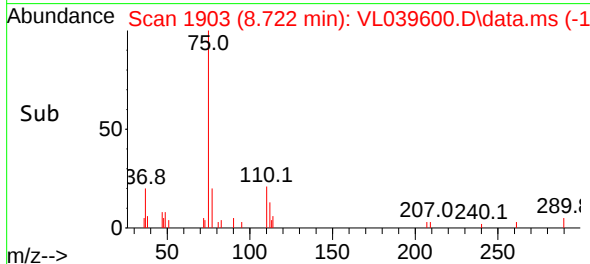
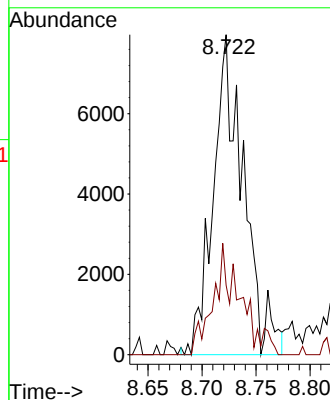
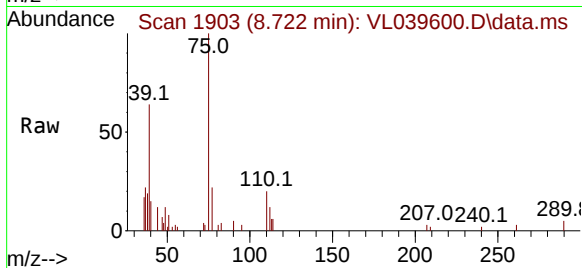
77 21.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#46

cis-1,3-Dichloropropene

Concen: 0.291 ppbv m

RT: 8.150 min Scan# 1725

Delta R.T. 0.001 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

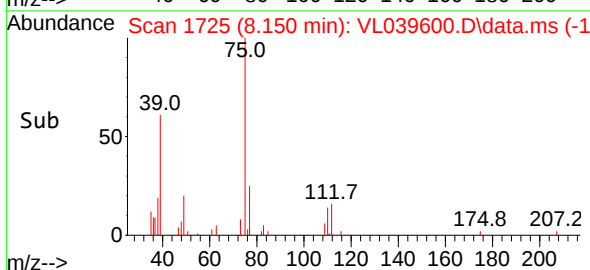
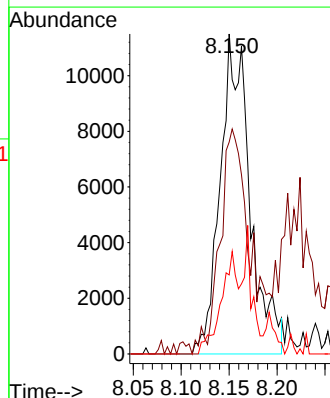
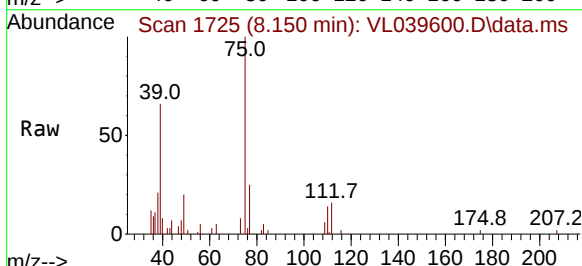
Tgt Ion: 75 Resp: 24746

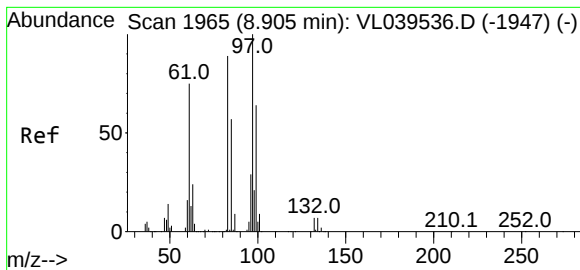
Ion Ratio Lower Upper

75 100

39 66.2 55.0 82.4

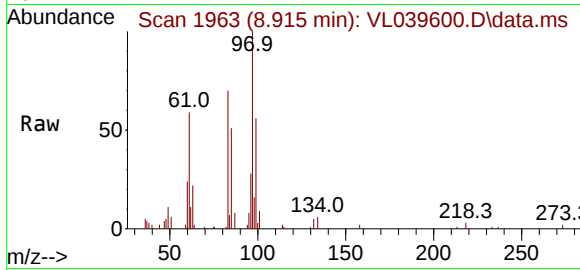
77 24.7 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 0.424 ppbv
RT: 8.915 min Scan# 1963
Delta R.T. 0.010 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

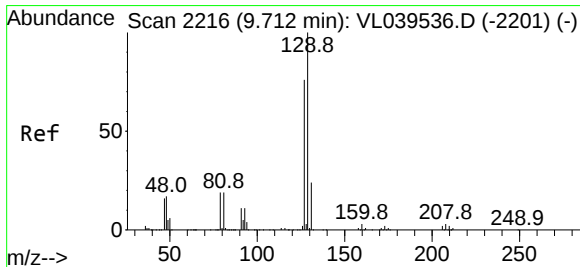
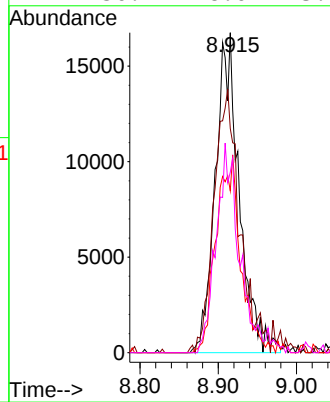
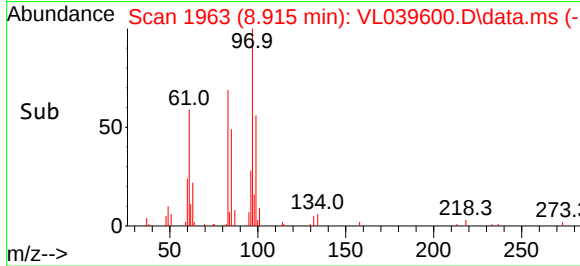
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion	Ratio	Lower	Upper
97	100		
83	70.1	67.4	101.0
85	50.6	45.1	67.7
99	56.4	48.6	73.0

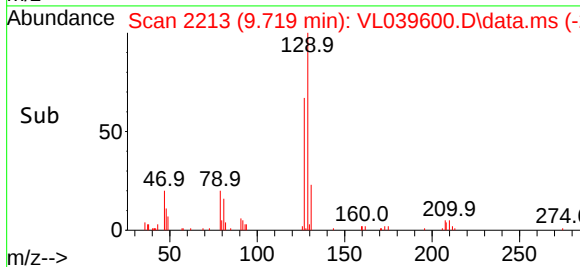
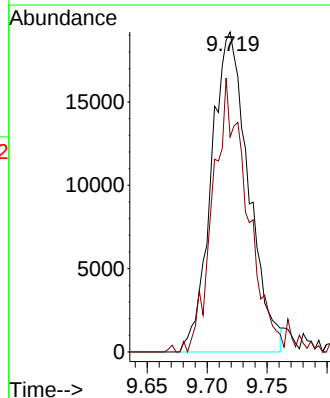
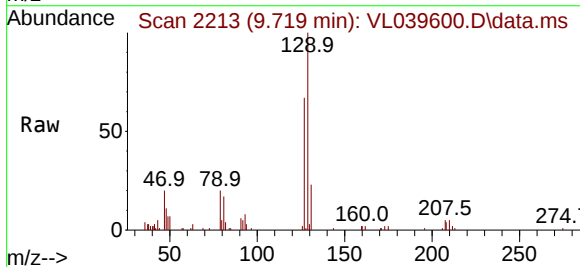
Manual Integrations
APPROVED

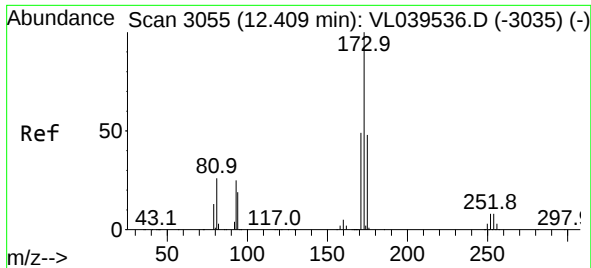
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#48
Dibromochloromethane
Concen: 0.335 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

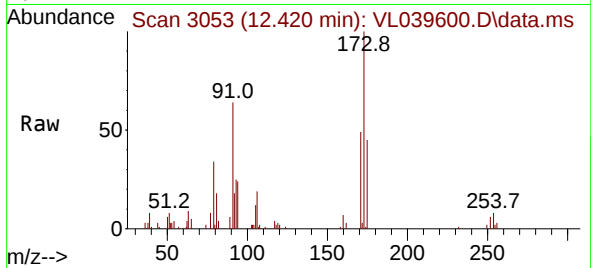
Tgt Ion	Ratio	Lower	Upper
129	100		
127	81.9	39.3	117.9





#49
Bromoform
Concen: 0.303 ppbv
RT: 12.420 min Scan# 3055
Delta R.T. 0.010 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

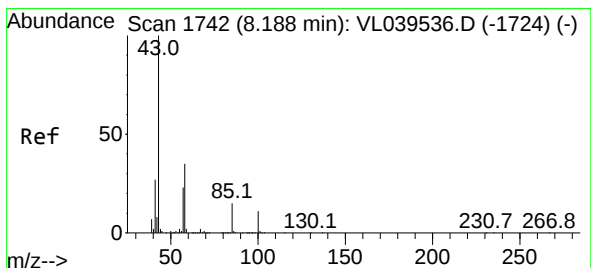
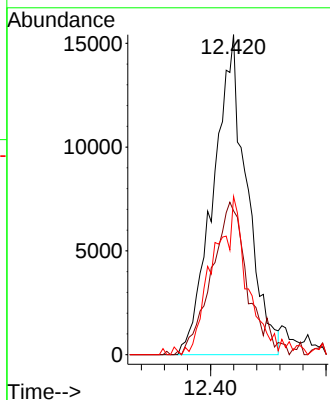
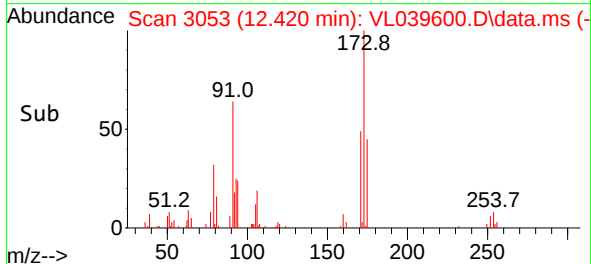
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



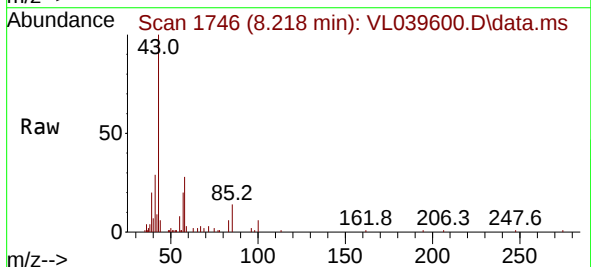
Tgt Ion: 173 Resp: 3100
Ion Ratio Lower Upper
173 100
175 52.5 40.3 60.5
171 51.8 42.9 64.3

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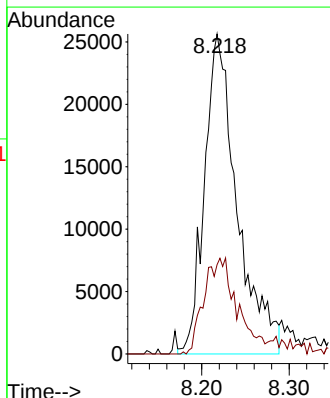
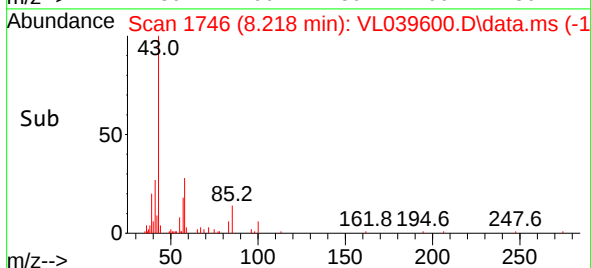
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

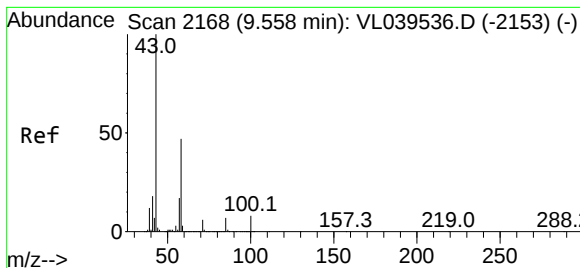


#50
4-Methyl-2-Pentanone
Concen: 0.335 ppbv m
RT: 8.218 min Scan# 1746
Delta R.T. 0.030 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33



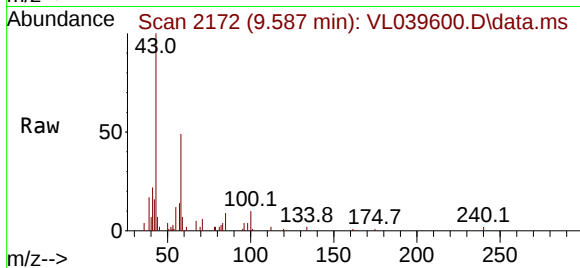
Tgt Ion: 43 Resp: 66457
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





#51
2-Hexanone
Concen: 0.294 ppbv m
RT: 9.587 min Scan# 2168
Delta R.T. 0.030 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

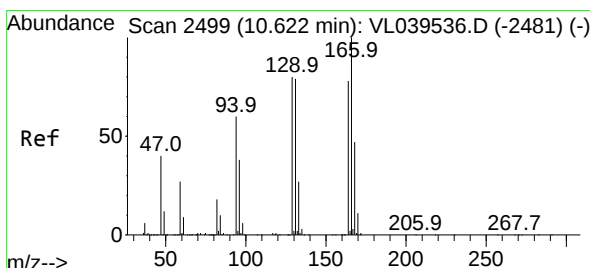
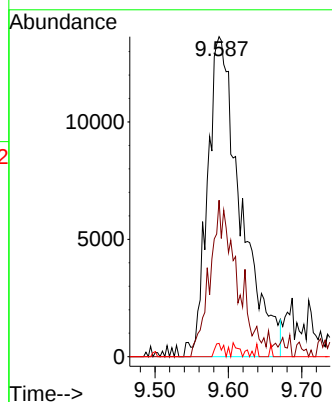
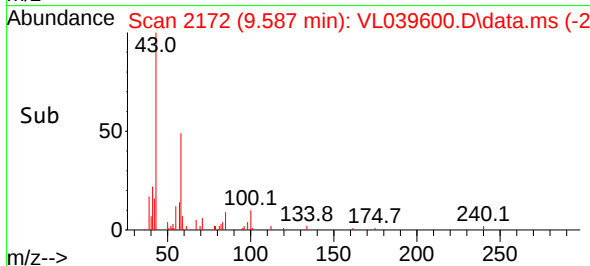
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 43 Resp: 4286
Ion Ratio Lower Upper
43 100
58 43.5 38.4 57.6
98 1.2 0.3 0.5

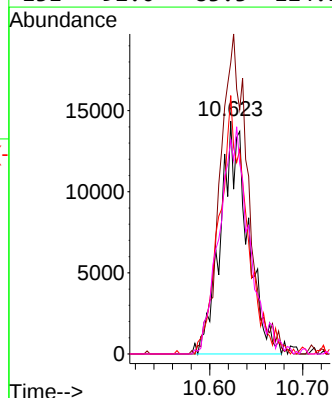
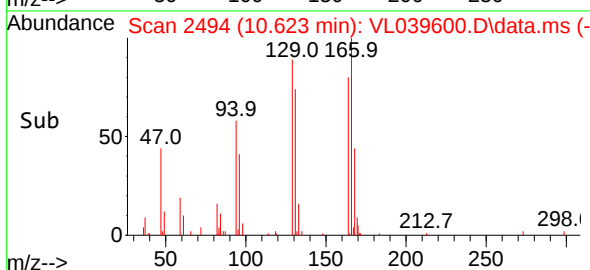
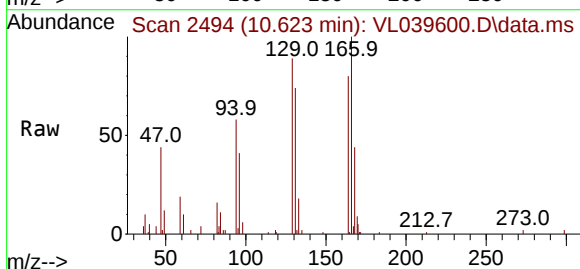
Manual Integrations
APPROVED

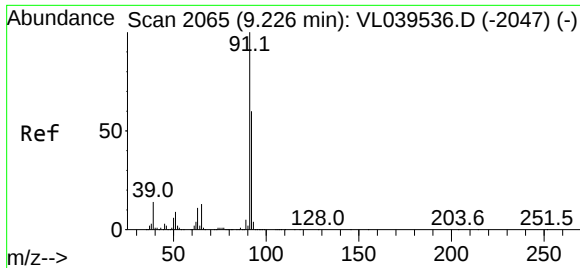
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#52
Tetrachloroethene
Concen: 0.400 ppbv m
RT: 10.623 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

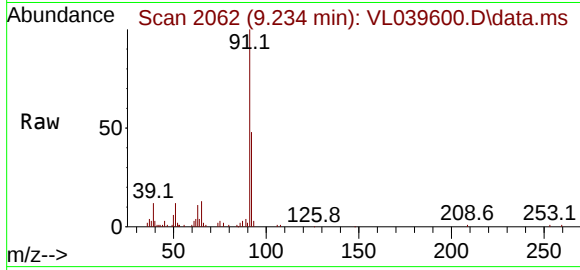
Tgt Ion:164 Resp: 29563
Ion Ratio Lower Upper
164 100
166 125.2 102.2 153.2
129 111.0 85.8 128.8
131 92.0 83.3 124.9





#53
Toluene
Concen: 0.296 ppbv
RT: 9.234 min Scan# 2065
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

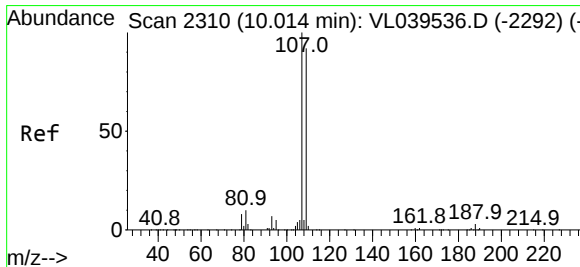
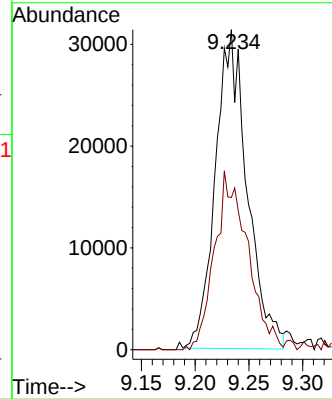
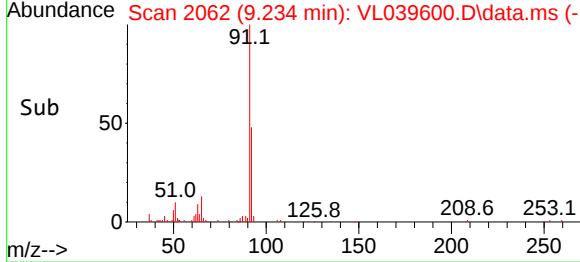
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 91 Resp: 64572
Ion Ratio Lower Upper
91 100
92 58.5 48.2 72.2

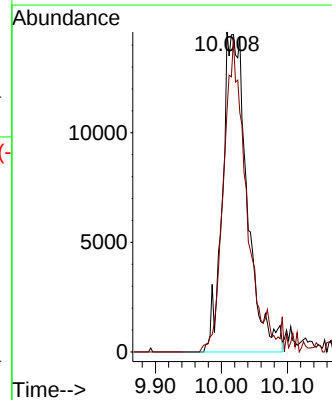
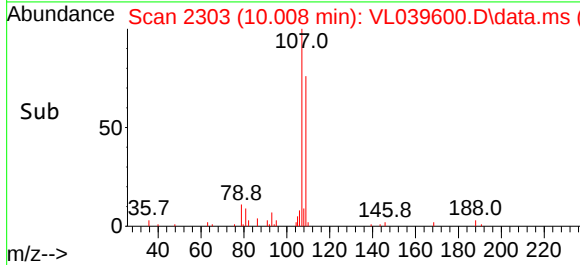
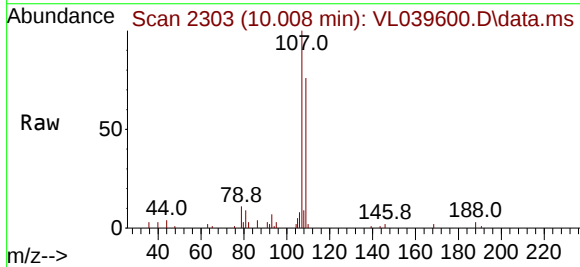
Manual Integrations
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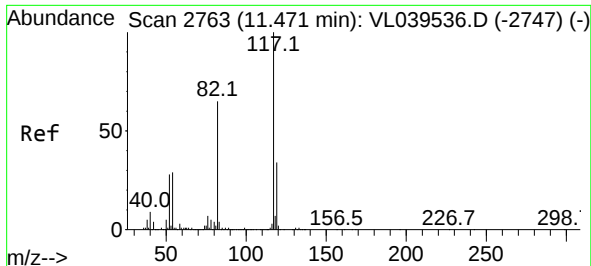
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#54
1,2-Dibromoethane
Concen: 0.402 ppbv m
RT: 10.008 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

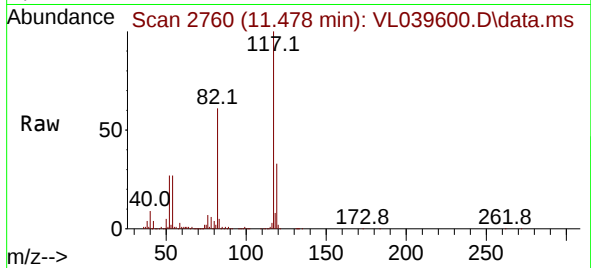
Tgt Ion:107 Resp: 37702
Ion Ratio Lower Upper
107 100
109 75.5 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2763
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

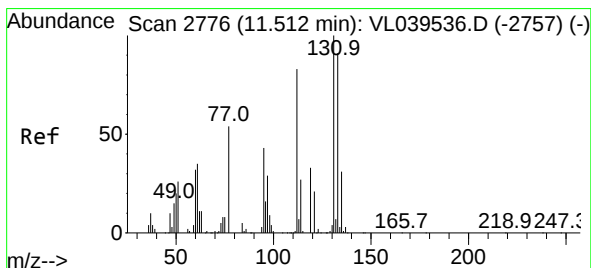
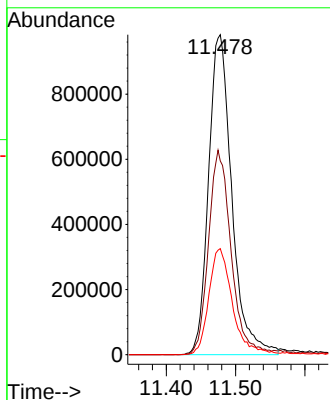
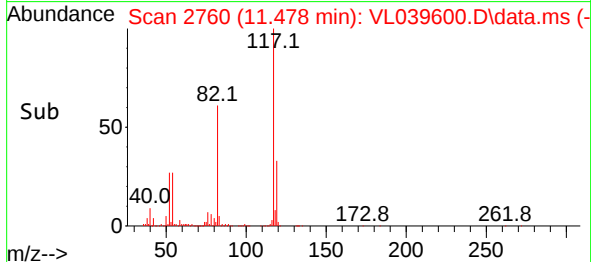
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:117 Resp: 2291970
Ion Ratio Lower Upper
117 100
82 63.9 50.8 76.2
119 34.0 24.1 36.1

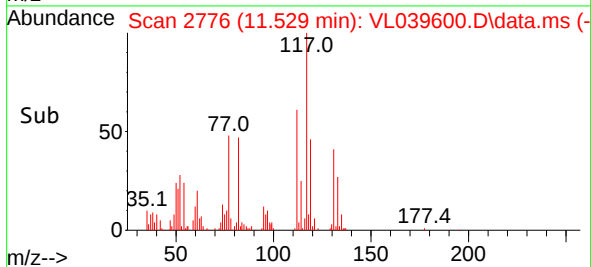
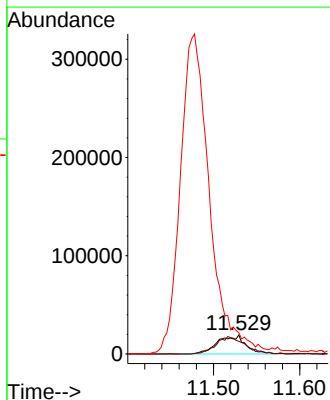
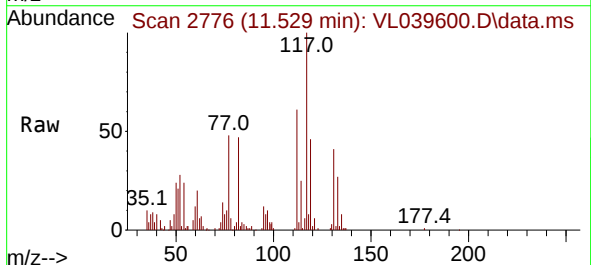
Manual Integrations
APPROVED

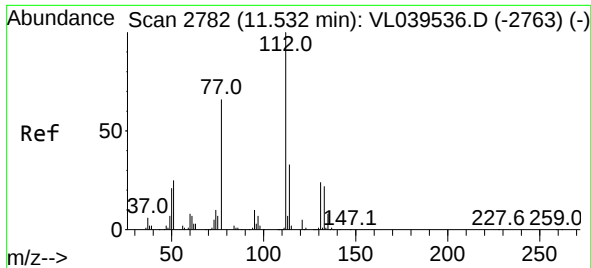
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.463 ppbv m
RT: 11.529 min Scan# 2776
Delta R.T. 0.017 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion:131 Resp: 43153
Ion Ratio Lower Upper
131 100
133 95.6 76.8 115.2
119 0.0 46.2 69.4#





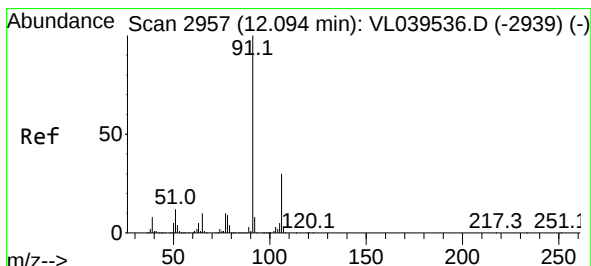
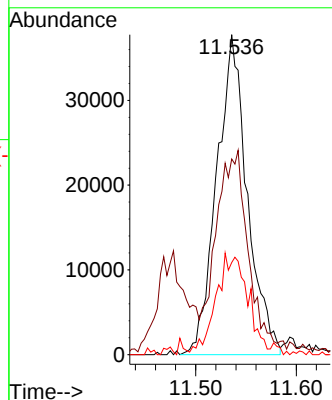
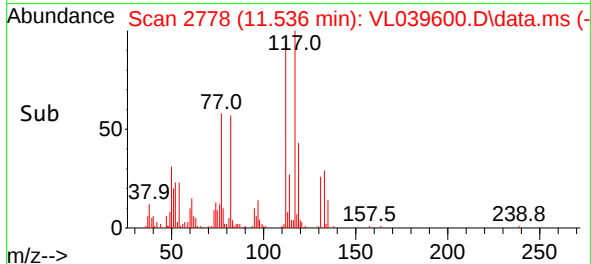
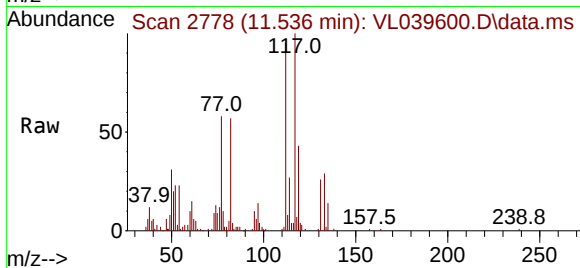
#57
Chlorobenzene
Concen: 0.466 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022

Tgt Ion:112 Resp: 79650
Ion Ratio Lower Upper
112 100
77 57.0 51.0 76.4
114 26.6 27.5 33.6

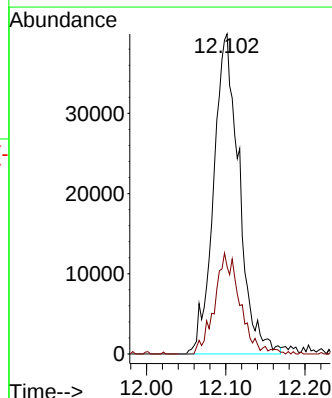
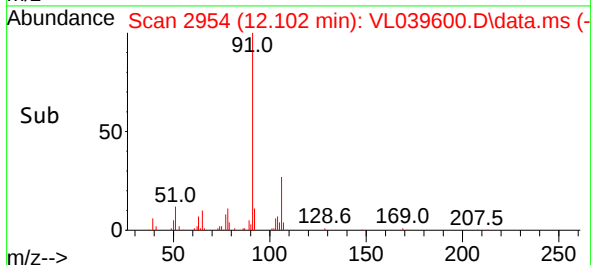
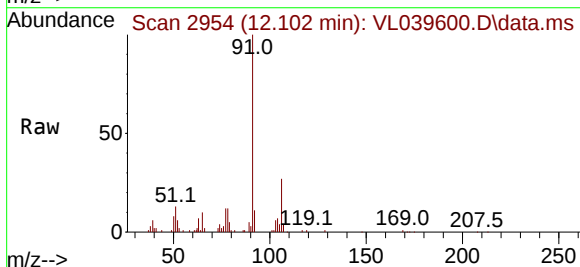
Manual Integrations
APPROVED

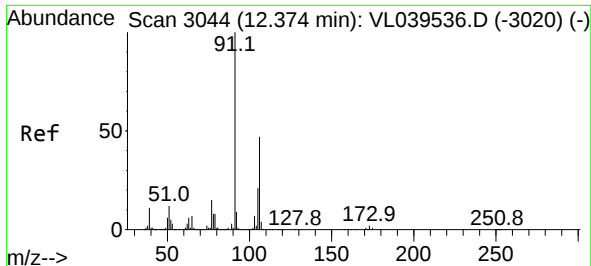
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#58
Ethyl Benzene
Concen: 0.338 ppbv m
RT: 12.102 min Scan# 2954
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Tgt Ion: 91 Resp: 89132
Ion Ratio Lower Upper
91 100
106 27.3 25.4 38.0





#59

m/p-Xylene

Concen: 0.719 ppbv m

RT: 12.381 min Scan# 3044

Delta R.T. 0.007 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 91 Resp: 169919

Ion Ratio Lower Upper

91 100

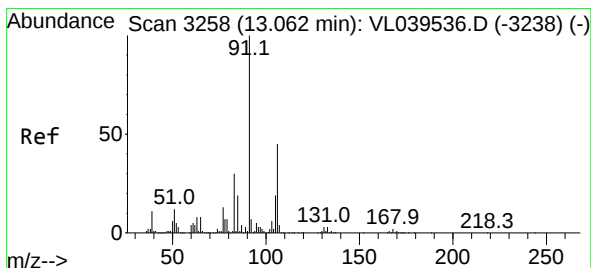
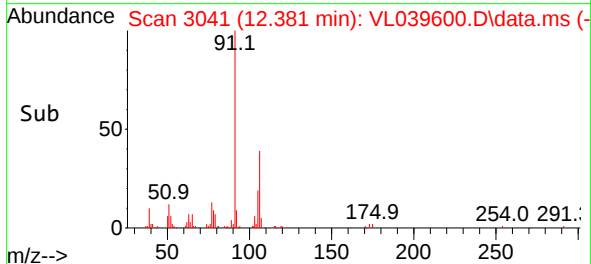
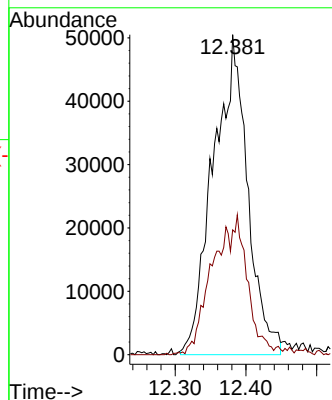
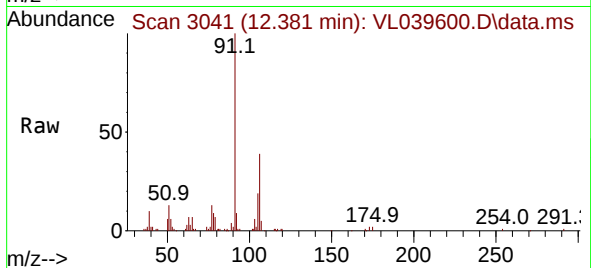
106 44.8 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#60

o-Xylene

Concen: 0.347 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.004 min

Lab File: VL039600.D

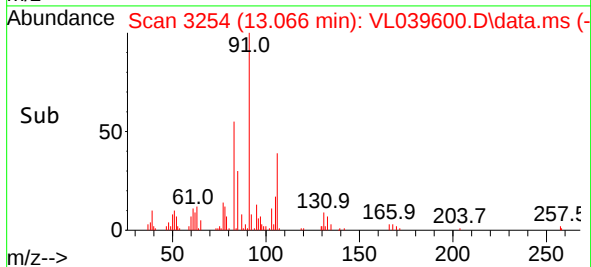
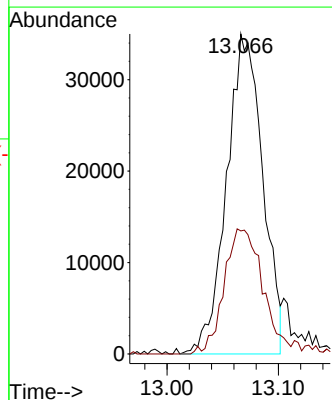
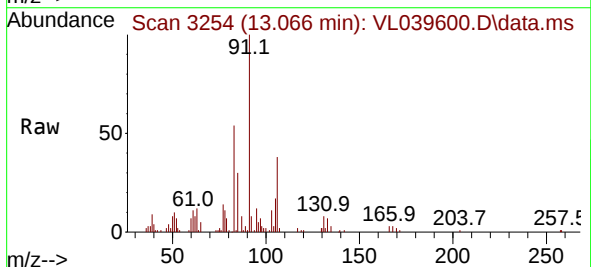
Acq: 26 Aug 2022 12:33

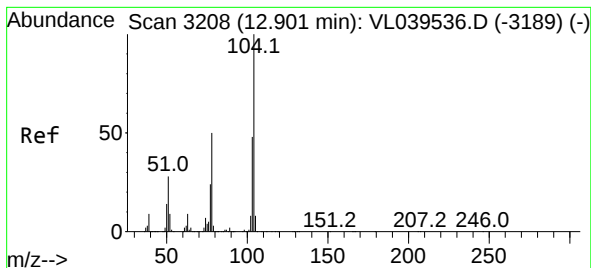
Tgt Ion: 91 Resp: 78784

Ion Ratio Lower Upper

91 100

106 43.4 22.4 67.3





#61

Styrene

Concen: 0.257 ppbv

RT: 12.909 min Scan# 3189

Delta R.T. 0.007 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

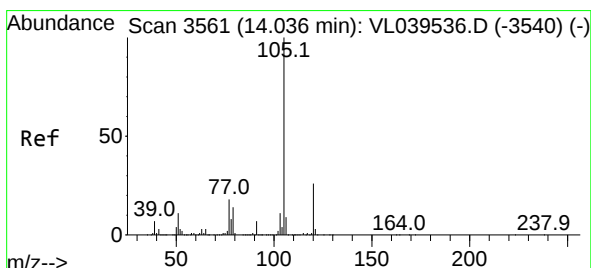
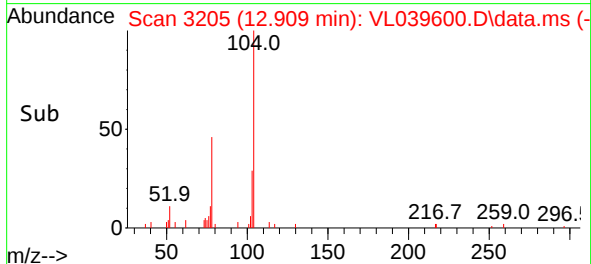
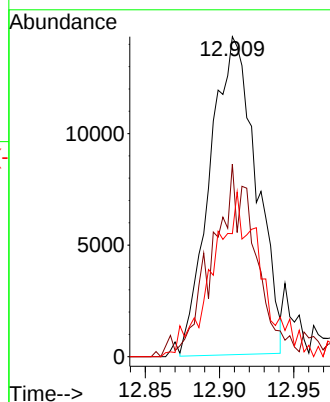
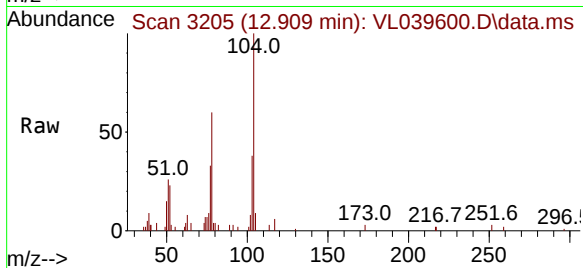
MDL-AIR-03-QT3-2022

Tgt Ion:104	Resp:	31044
Ion Ratio	Lower	Upper
104	100	
78	59.5	41.2 61.8
103	53.6	38.7 58.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#62

Isopropylbenzene

Concen: 0.388 ppbv

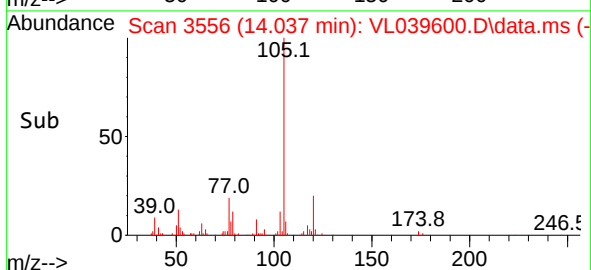
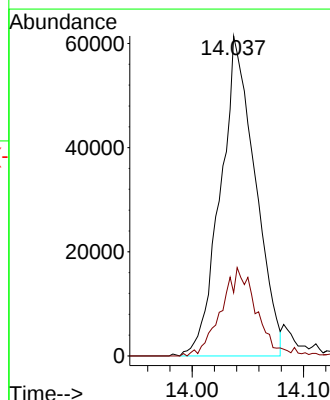
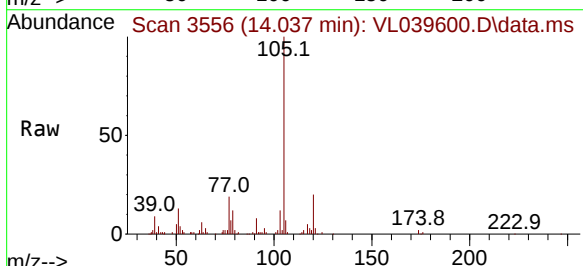
RT: 14.037 min Scan# 3556

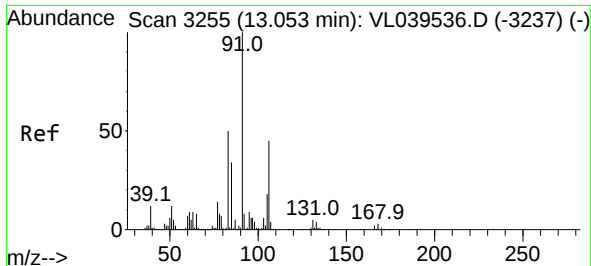
Delta R.T. 0.001 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

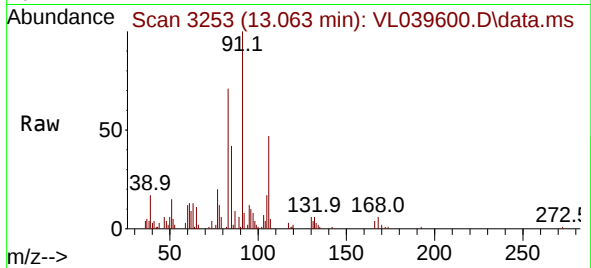
Tgt Ion:105	Resp:	132970
Ion Ratio	Lower	Upper
105	100	
120	28.4	20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.456 ppbv m
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

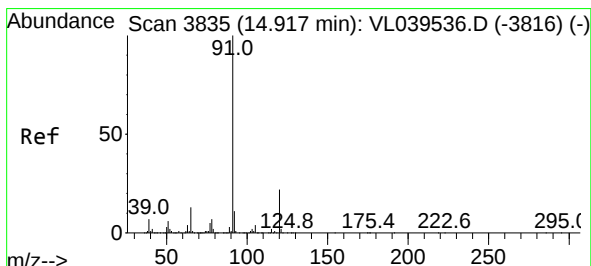
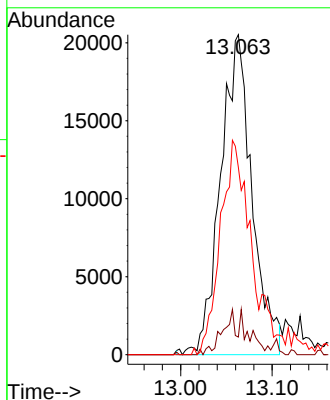
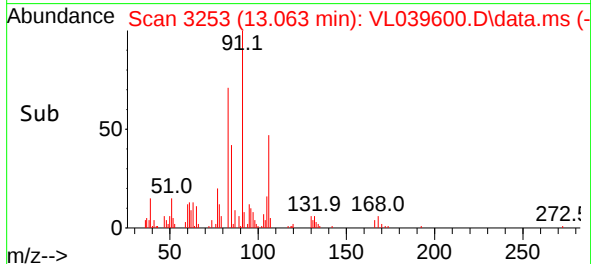
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



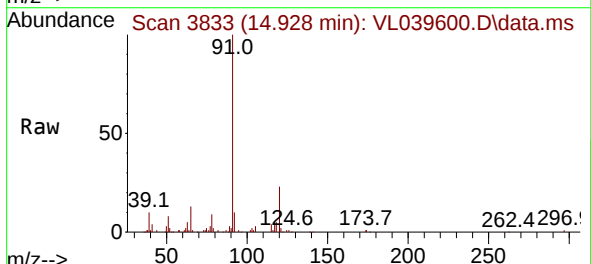
Tgt Ion: 83 Resp: 48930
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.8
85 70.5 33.1 99.5

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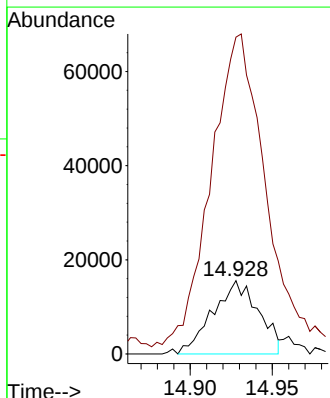
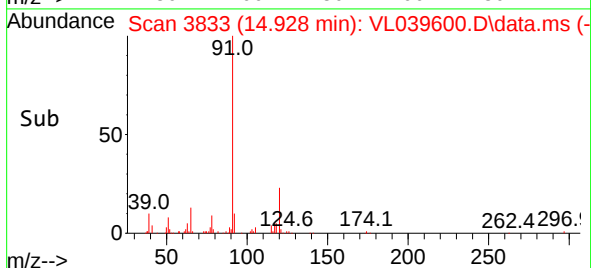
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

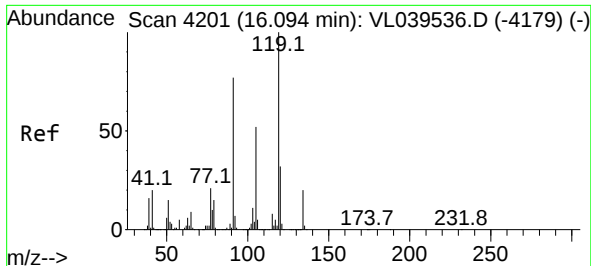


#64
n-propylbenzene
Concen: 0.338 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33



Tgt Ion:120 Resp: 30125
Ion Ratio Lower Upper
120 100
91 549.1 367.2 550.8





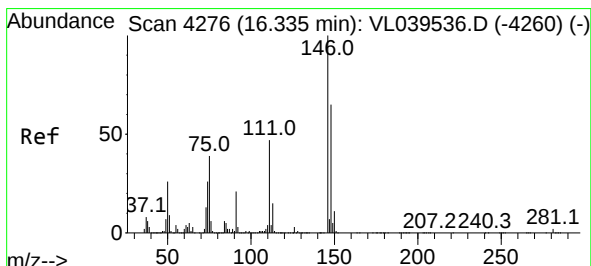
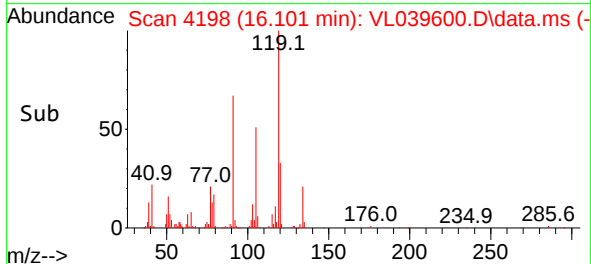
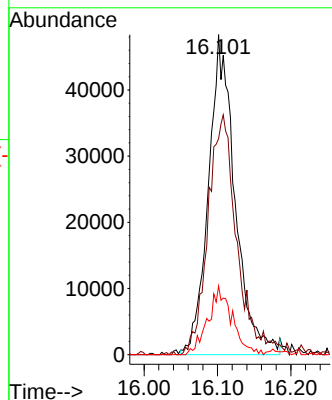
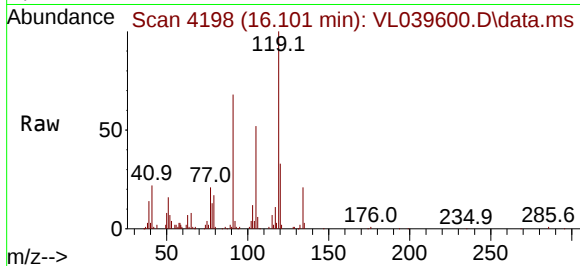
#65
tert-Butylbenzene
Concen: 0.399 ppbv m
RT: 16.101 min Scan# 4179
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 119 Resp: 12151
Ion Ratio Lower Upper
119 100
91 0.0 63.4 95.2
134 19.3 15.9 23.9

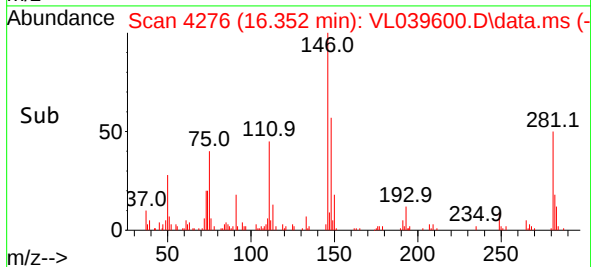
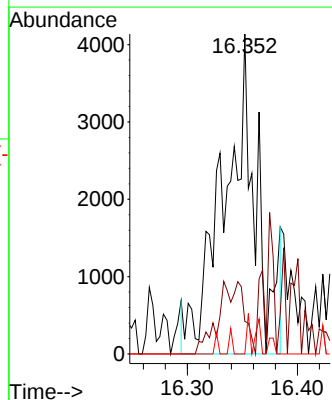
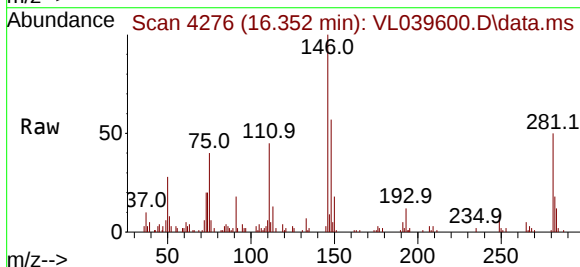
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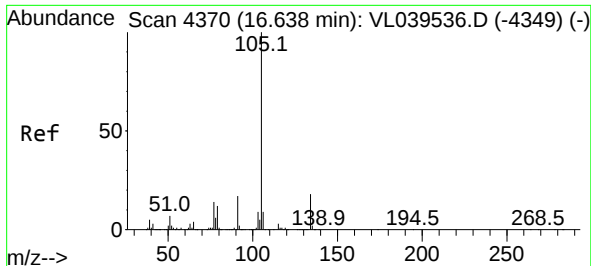
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#66
Benzyl Chloride
Concen: 0.336 ppbv m
RT: 16.352 min Scan# 4276
Delta R.T. 0.017 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

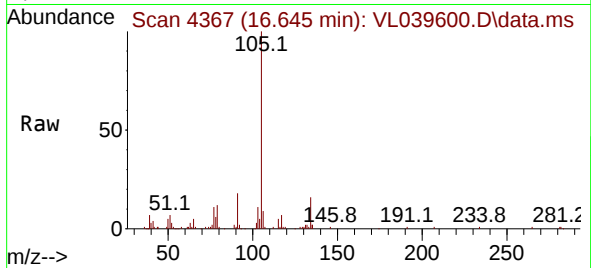
Tgt Ion: 91 Resp: 8312
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.382 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

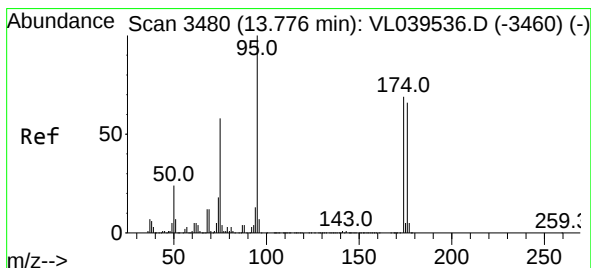
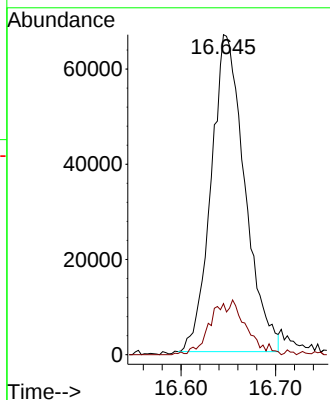
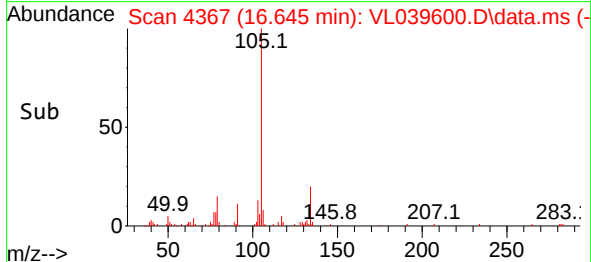
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



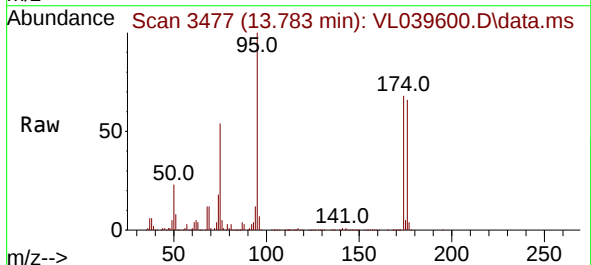
Tgt Ion:105 Resp: 16476
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.8 22.2

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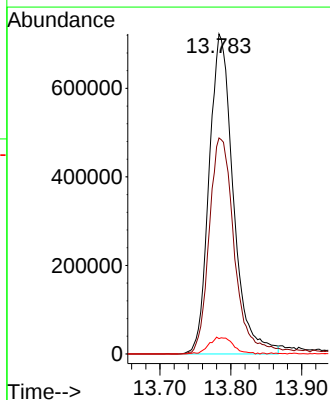
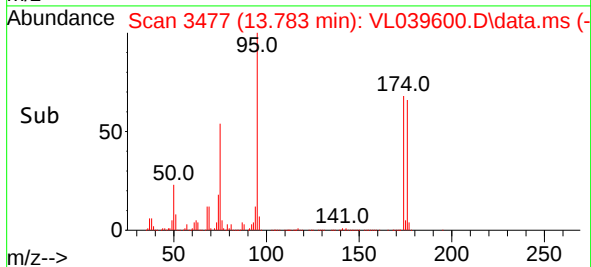
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

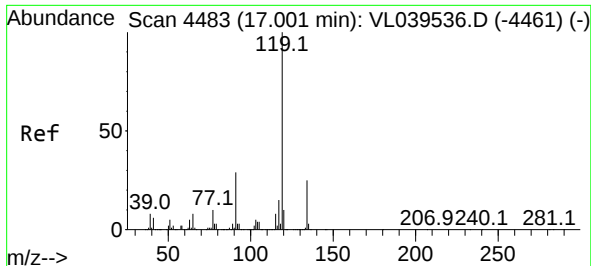


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.887 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33



Tgt Ion: 95 Resp: 1709601
 Ion Ratio Lower Upper
 95 100
 174 71.3 55.9 83.9
 175 5.2 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.362 ppbv m

RT: 17.008 min Scan# 4483

Delta R.T. 0.007 min

Lab File: VL039600.D

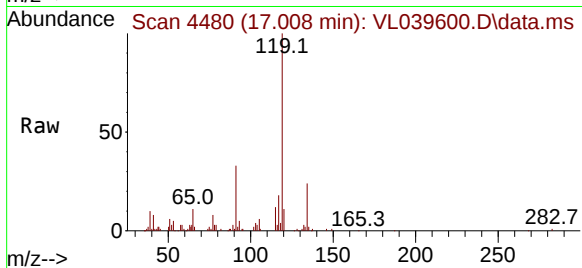
Acq: 26 Aug 2022 12:33

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

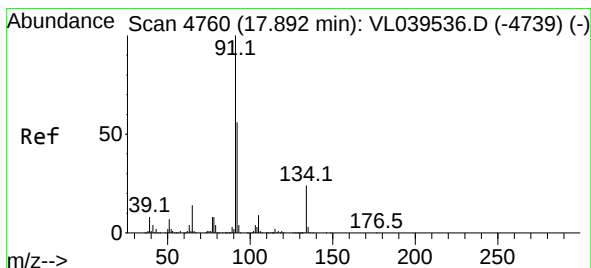
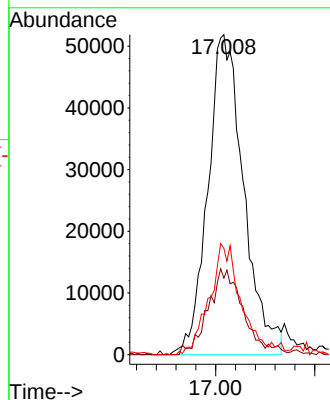
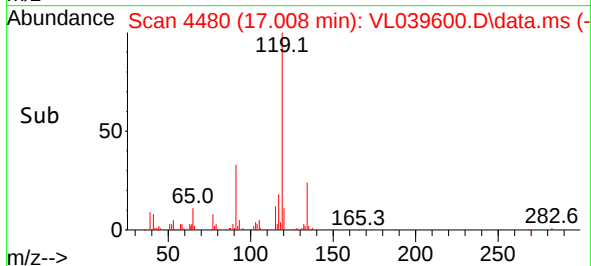


Tgt Ion:	119	Resp:	129849
Ion Ratio	Lower	Upper	
119	100		
134	0.0	20.3	30.5
91	0.0	22.9	34.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#70

n-Butylbenzene

Concen: 0.354 ppbv

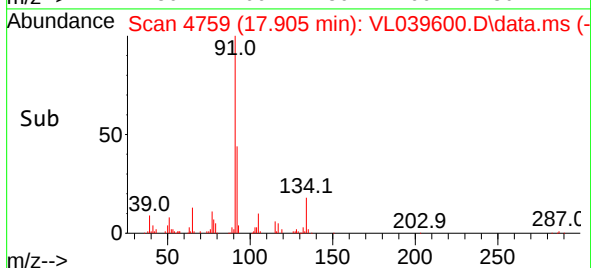
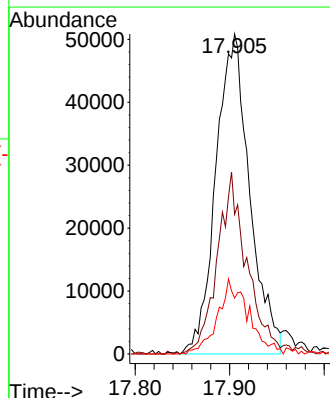
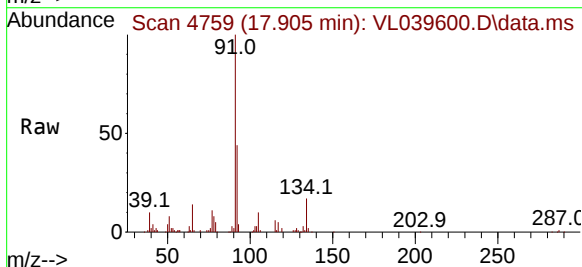
RT: 17.905 min Scan# 4759

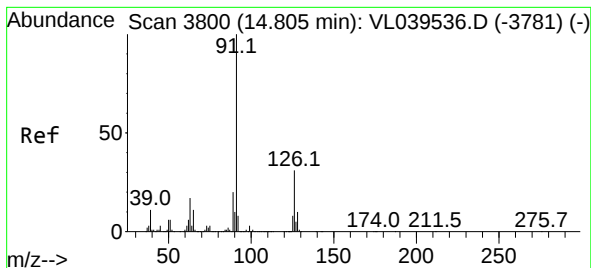
Delta R.T. 0.014 min

Lab File: VL039600.D

Acq: 26 Aug 2022 12:33

Tgt Ion:	91	Resp:	126073
Ion Ratio	Lower	Upper	
91	100		
92	50.9	43.4	65.2
134	21.7	18.9	28.3





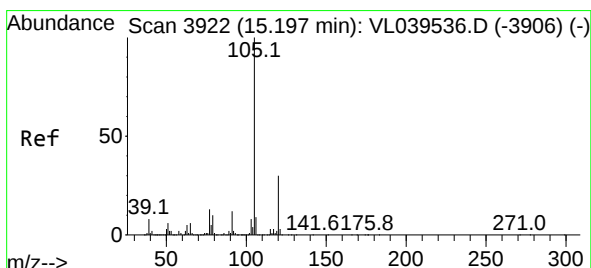
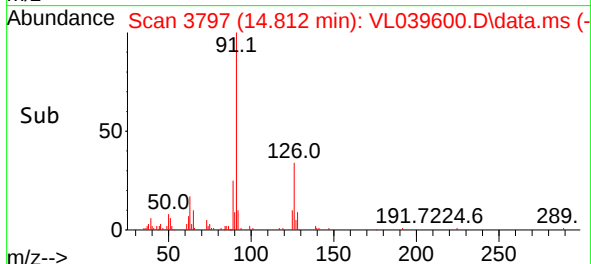
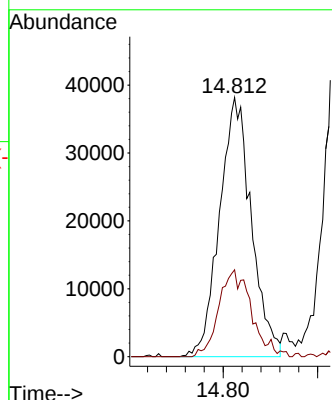
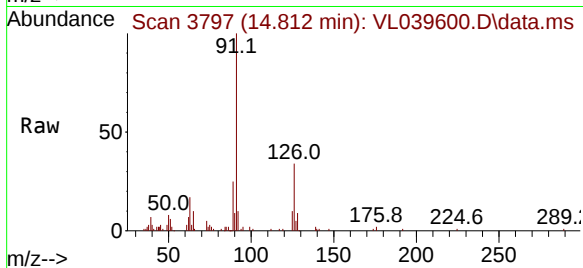
#71
2-Chlorotoluene
Concen: 0.359 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 91 Resp: 89108
Ion Ratio Lower Upper
91 100
126 34.5 13.0 51.8

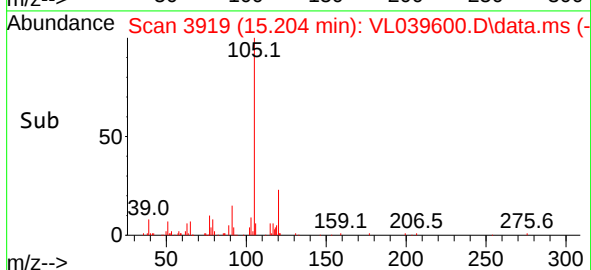
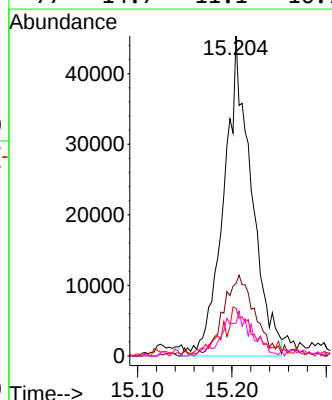
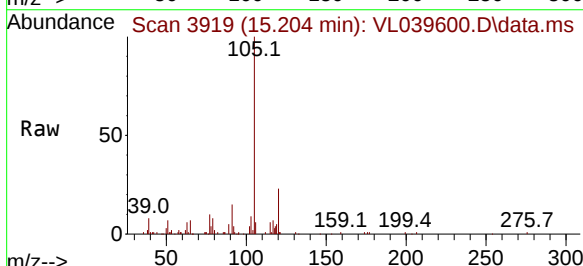
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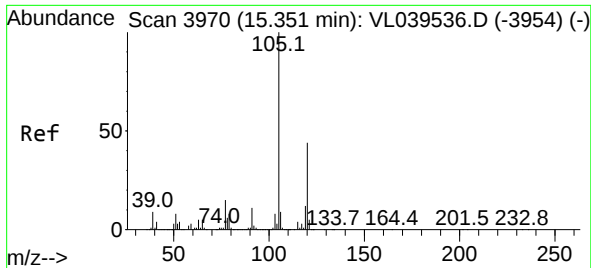
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#72
4-Ethyltoluene
Concen: 0.348 ppbv m
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

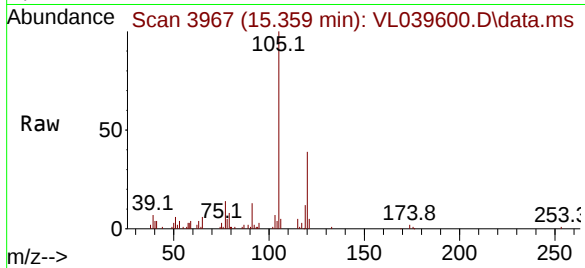
Tgt Ion:105 Resp: 92313
Ion Ratio Lower Upper
105 100
120 31.1 24.2 36.2
91 0.0 10.2 15.4#
77 14.7 11.1 16.7





#73
 1,3,5-Trimethylbenzene
 Concen: 0.357 ppbv m
 RT: 15.359 min Scan# 3970
 Delta R.T. 0.007 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

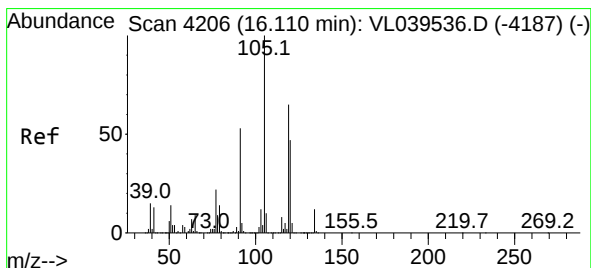
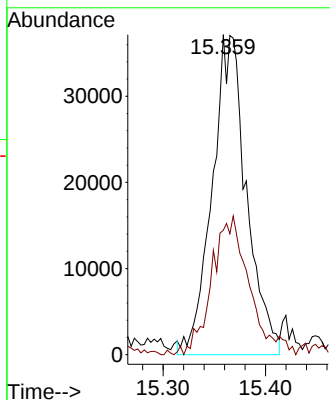
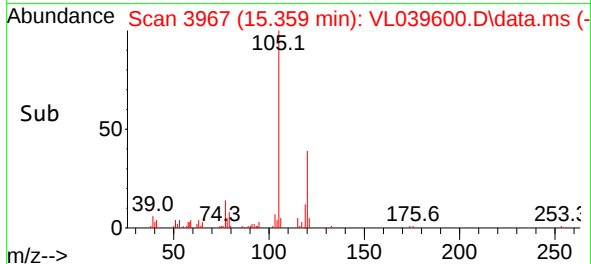
Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



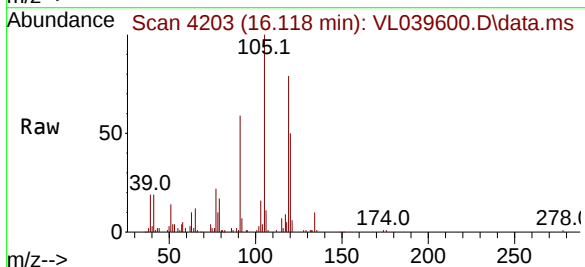
Tgt Ion:105 Resp: 86609
 Ion Ratio Lower Upper
 105 100
 120 38.9 38.2 57.4

Manual Integrations
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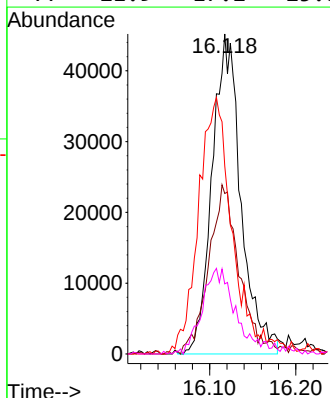
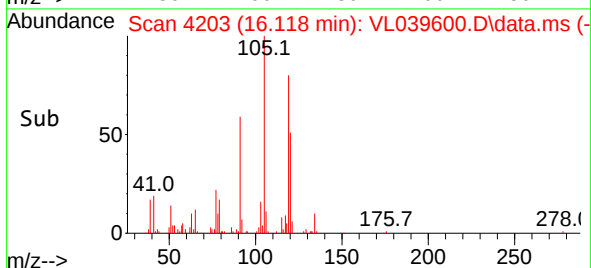
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

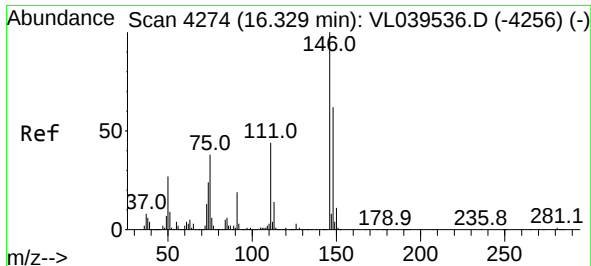


#74
 1,2,4-Trimethylbenzene
 Concen: 0.389 ppbv m
 RT: 16.118 min Scan# 4203
 Delta R.T. 0.007 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33



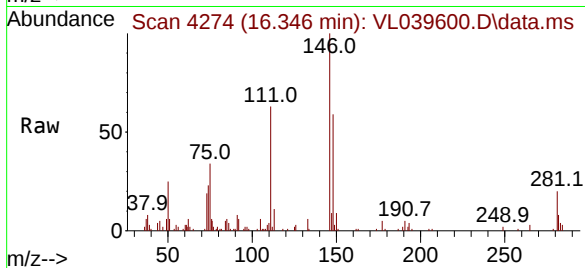
Tgt Ion:105 Resp: 105044
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.5 59.3
 91 58.8 39.2 58.8
 77 21.9 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 0.414 ppbv m
RT: 16.346 min Scan# 41
Delta R.T. 0.017 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

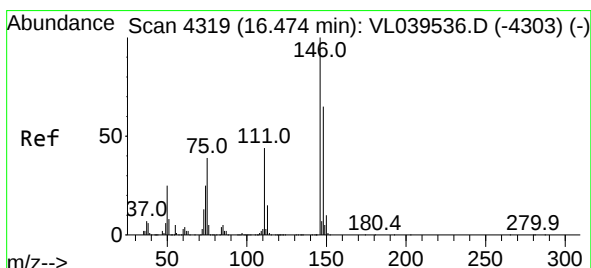
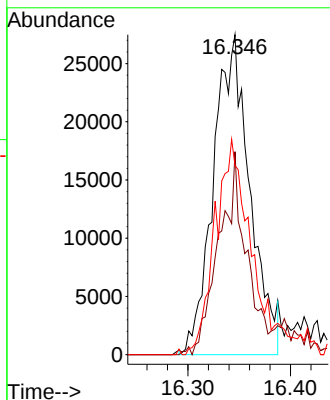
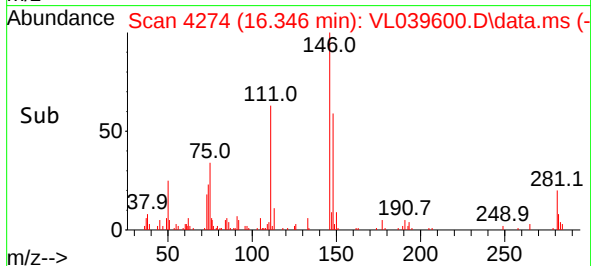
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



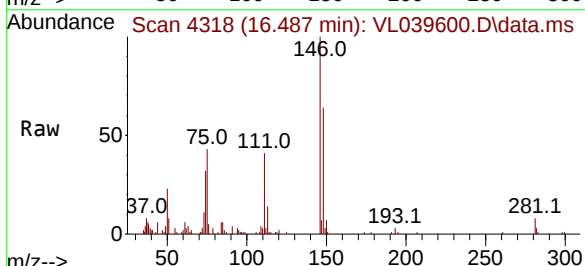
Tgt Ion:146 Resp: 6789
Ion Ratio Lower Upper
146 100
111 55.2 22.9 68.7
148 69.6 32.1 96.5

Manual Integrations
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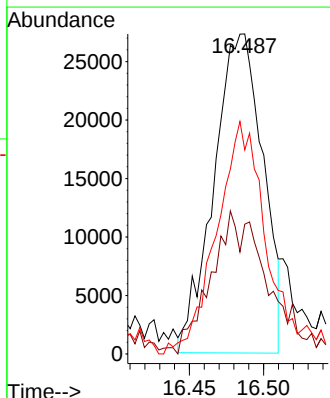
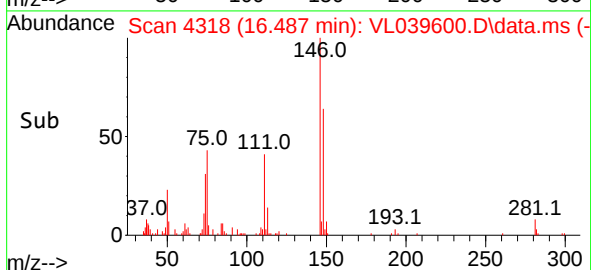
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

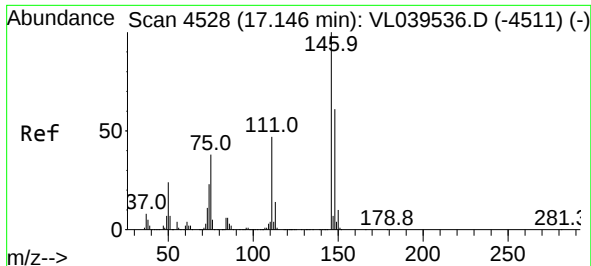


#76
1,4-Dichlorobenzene
Concen: 0.384 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.014 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33



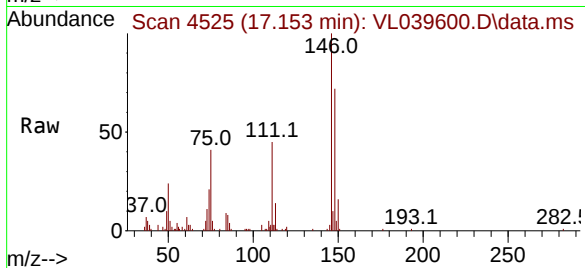
Tgt Ion:146 Resp: 62750
Ion Ratio Lower Upper
146 100
111 52.9 22.9 68.8
148 76.1 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 0.431 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

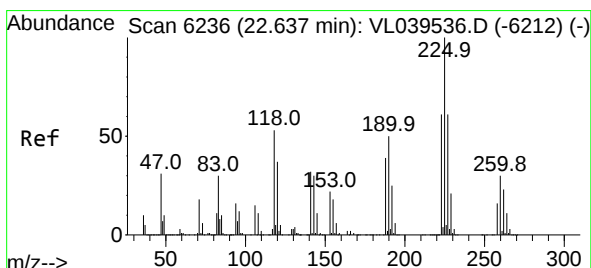
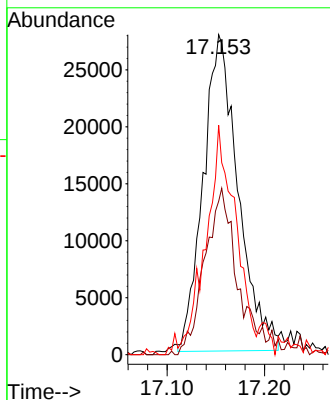
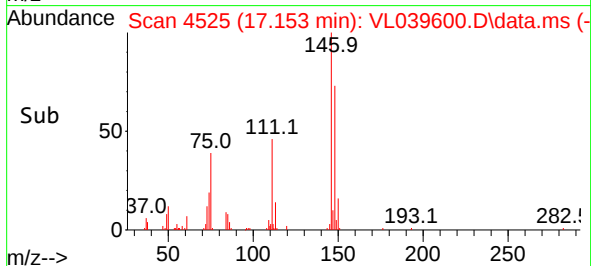
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



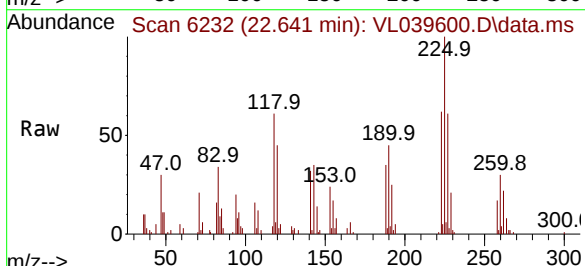
Tgt Ion:146 Resp: 69244
Ion Ratio Lower Upper
146 100
111 50.7 23.8 71.5
148 69.3 32.3 96.8

Manual Integrations
APPROVED

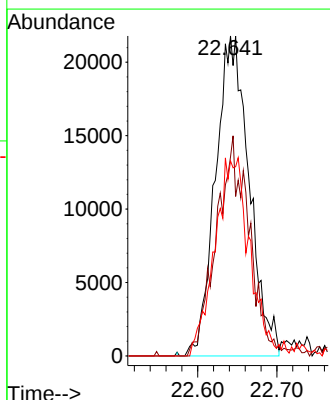
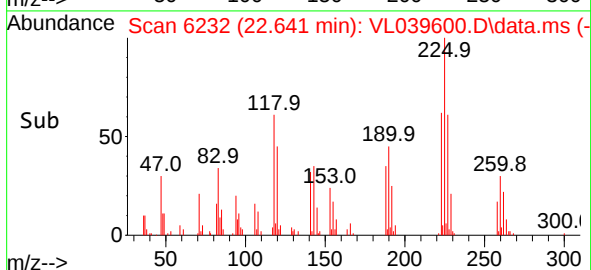
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

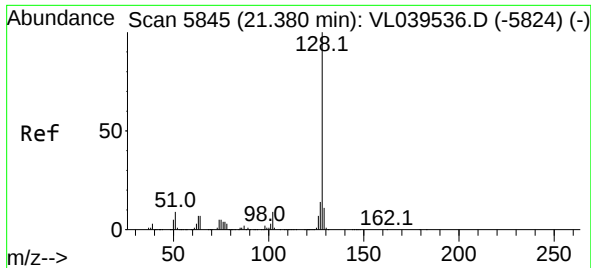


#78
Hexachloro-1,3-Butadiene
Concen: 0.502 ppbv m
RT: 22.641 min Scan# 6232
Delta R.T. 0.004 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33



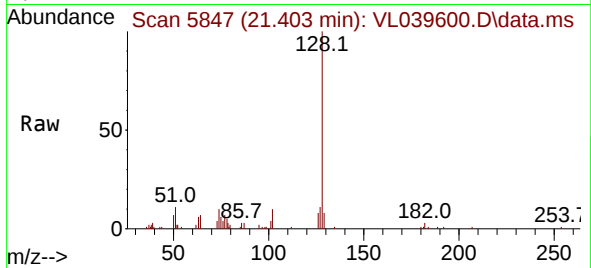
Tgt Ion:225 Resp: 64244
Ion Ratio Lower Upper
225 100
223 67.8 51.8 77.6
227 64.6 51.4 77.2





#79
Naphthalene
Concen: 0.302 ppbv m
RT: 21.403 min Scan# 5847
Delta R.T. 0.023 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33

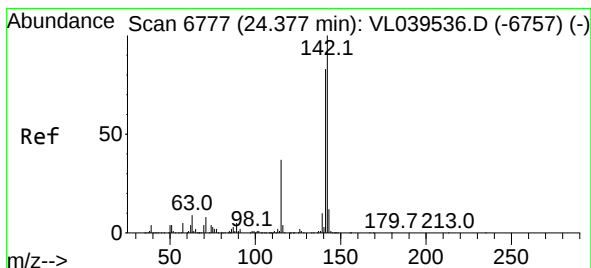
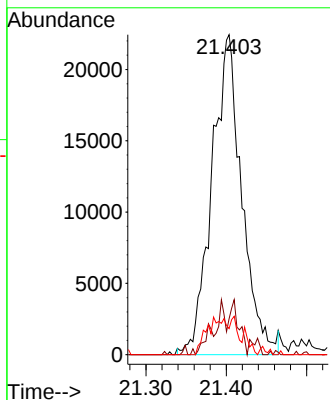
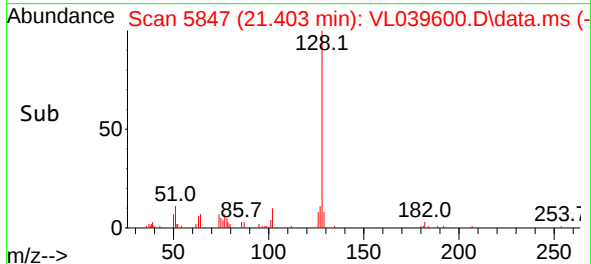
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



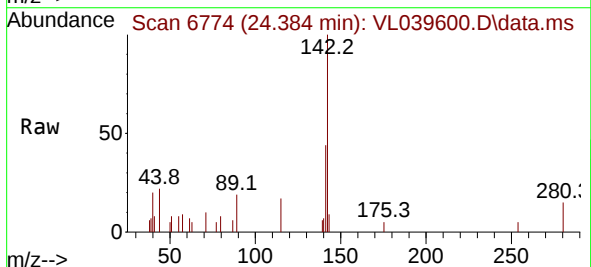
Tgt Ion:128 Resp: 57978
Ion Ratio Lower Upper
128 100
127 11.2 10.6 15.8
129 8.1 8.8 13.2

Manual Integrations
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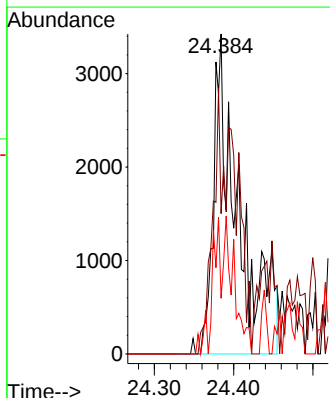
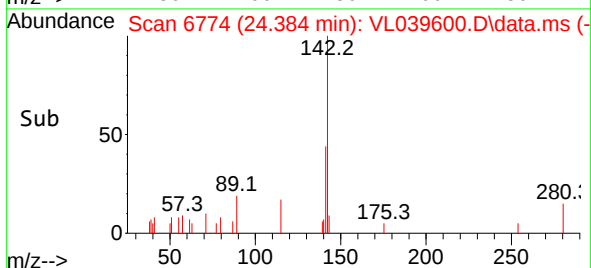
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

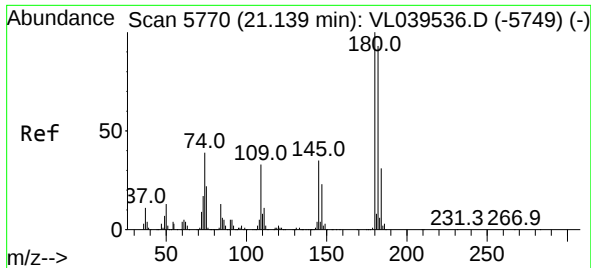


#80
Naphthalene,2-methyl-
Concen: 0.094 ppbv m
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039600.D
Acq: 26 Aug 2022 12:33



Tgt Ion:142 Resp: 7342
Ion Ratio Lower Upper
142 100
141 74.7 68.9 103.3
115 33.3 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 0.367 ppbv m
 RT: 21.156 min Scan# 51
 Delta R.T. 0.017 min
 Lab File: VL039600.D
 Acq: 26 Aug 2022 12:33

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.1	115.7
184	32.1	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

