

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039243.D
 Acq On : 8 Jun 2022 20:24
 Operator : SY/AP
 Sample : N3214-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 09 06:42:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.677	49	981116	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2245021	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	1943393	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1776295	11.056	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	109367	0.635	ppbv	89
3) Chlorodifluoromethane	2.999	51	70599	0.566	ppbv #	91
4) Chloromethane	3.160	50	33570	0.524	ppbv #	72
5) Vinyl Chloride	3.266	62	33053m	0.551	ppbv	
6) Bromomethane	3.488	94	16970	0.575	ppbv	90
7) Chloroethane	3.568	64	13918m	0.666	ppbv	
8) Dichlorotetrafluoroethane	3.198	85	88761	0.564	ppbv	95
9) Propene	3.025	41	26023m	0.478	ppbv	
10) Heptane	8.134	43	48976m	0.386	ppbv	
11) Trichlorofluoromethane	3.960	101	113797	0.730	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.501	101	69517	0.674	ppbv	94
13) Ethanol	3.623	45	3150m	1.061	ppbv	
14) Bromoethene	3.748	108	27038	0.583	ppbv #	89
15) Acetone	3.870	43	76088m	0.744	ppbv	
16) 1,3-Butadiene	3.337	39	33263m	0.605	ppbv	
17) tert-Butyl alcohol	4.317	59	57098m	0.720	ppbv	
18) 1,1-Dichloroethene	4.305	96	30044	0.649	ppbv #	82
19) Isopropyl Alcohol	3.993	45	31171m	0.650	ppbv	
20) Methylene Chloride	4.356	84	36241	0.841	ppbv #	93
21) Allyl Chloride	4.423	41	48198m	0.699	ppbv	
22) trans-1,2-Dichloroethene	4.896	96	29849m	0.670	ppbv	
23) Vinyl Acetate	5.092	43	36180m	0.428	ppbv	
24) 1,1-Dichloroethane	5.022	63	71608	0.618	ppbv	96
25) Ethyl Acetate	5.694	43	94487	0.410	ppbv #	95
26) Hexane	5.697	57	42142	0.416	ppbv #	82
27) Carbon Disulfide	4.565	76	61089	0.582	ppbv #	79
28) Methyl tert-Butyl Ether	5.057	73	58055m	0.520	ppbv	
29) Chloroform	5.758	83	86303	0.507	ppbv	97
30) Cyclohexane	7.144	84	38795m	0.456	ppbv	
31) cis-1,2-Dichloroethene	5.558	61	45765m	0.443	ppbv	
32) 1,1,1-Trichloroethane	6.517	97	86927m	0.522	ppbv	
34) 2-Butanone	5.269	43	62408m	0.512	ppbv	
35) Carbon Tetrachloride	7.025	117	87689	0.535	ppbv	96
36) Benzene	6.906	78	77860	0.427	ppbv	95
37) 1,2-Dichloroethane	6.314	62	63651	0.531	ppbv	100
38) Trichloroethene	7.845	130	38846m	0.464	ppbv	
39) 1,2-Dichloropropane	7.623	63	33587m	0.463	ppbv	
40) 1,4-Dioxane	7.873	88	11449m	0.480	ppbv	
41) Tetrahydrofuran	6.083	42	31419m	0.428	ppbv	
42) Bromodichloromethane	7.800	83	84284m	0.506	ppbv	
43) Methyl Methacrylate	8.028	69	30819m	0.434	ppbv	
44) 2,2,4-Trimethylpentane	7.880	57	138477	0.434	ppbv #	91
45) t-1,3-Dichloropropene	9.282	75	26580m	0.359	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039243.D
 Acq On : 8 Jun 2022 20:24
 Operator : SY/AP
 Sample : N3214-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 09 06:42:42 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 2022

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

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.713	75	37446m	0.383	ppbv	
47) 1,1,2-Trichloroethane	9.481	97	35932m	0.475	ppbv	
48) Dibromochloromethane	10.314	129	54833	0.406	ppbv	97
49) Bromoform	13.050	173	41957m	0.373	ppbv	
50) 4-Methyl-2-Pentanone	8.764	43	74797m	0.410	ppbv	
51) 2-Hexanone	10.166	43	55047m	0.387	ppbv	
52) Tetrachloroethene	11.233	164	30515m	0.429	ppbv	
53) Toluene	9.816	91	78968	0.376	ppbv	98
54) 1,2-Dibromoethane	10.613	107	42122	0.414	ppbv	85
56) 1,1,1,2-Tetrachloroethane	12.131	131	45312	0.493	ppbv #	67
57) Chlorobenzene	12.150	112	65319	0.447	ppbv	93
58) Ethyl Benzene	12.719	91	122611m	0.458	ppbv	
59) m/p-Xylene	12.992	91	221778m	0.941	ppbv	
60) o-Xylene	13.703	91	105607m	0.477	ppbv	
61) Styrene	13.539	104	44242m	0.373	ppbv	
62) Isopropylbenzene	14.671	105	162805m	0.495	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.680	83	59014m	0.475	ppbv	
64) n-propylbenzene	15.565	120	37115m	0.459	ppbv	
65) tert-Butylbenzene	16.748	119	132569	0.440	ppbv #	75
66) Benzyl Chloride	16.989	91	14991m	0.383	ppbv	
67) sec-Butylbenzene	17.301	105	185721	0.452	ppbv	100
69) p-Isopropyltoluene	17.661	119	150910m	0.435	ppbv	
70) n-Butylbenzene	18.558	91	159114	0.447	ppbv	96
71) 2-Chlorotoluene	15.452	91	116088m	0.462	ppbv	
72) 4-Ethyltoluene	15.847	105	125007m	0.482	ppbv	
73) 1,3,5-Trimethylbenzene	16.002	105	109404m	0.467	ppbv	
74) 1,2,4-Trimethylbenzene	16.764	105	121125m	0.464	ppbv	
75) 1,3-Dichlorobenzene	17.005	146	72300m	0.489	ppbv	
76) 1,4-Dichlorobenzene	17.146	146	67922m	0.460	ppbv	
77) 1,2-Dichlorobenzene	17.825	146	69912m	0.469	ppbv	
78) Hexachloro-1,3-Butadiene	23.381	225	73618m	0.540	ppbv	
79) Naphthalene	22.211	128	73296m	0.364	ppbv	
80) Naphthalene,2-methyl-	24.976	142	13266m	0.178	ppbv	
81) 1,2,4-Trichlorobenzene	21.931	180	47516m	0.373	ppbv	

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

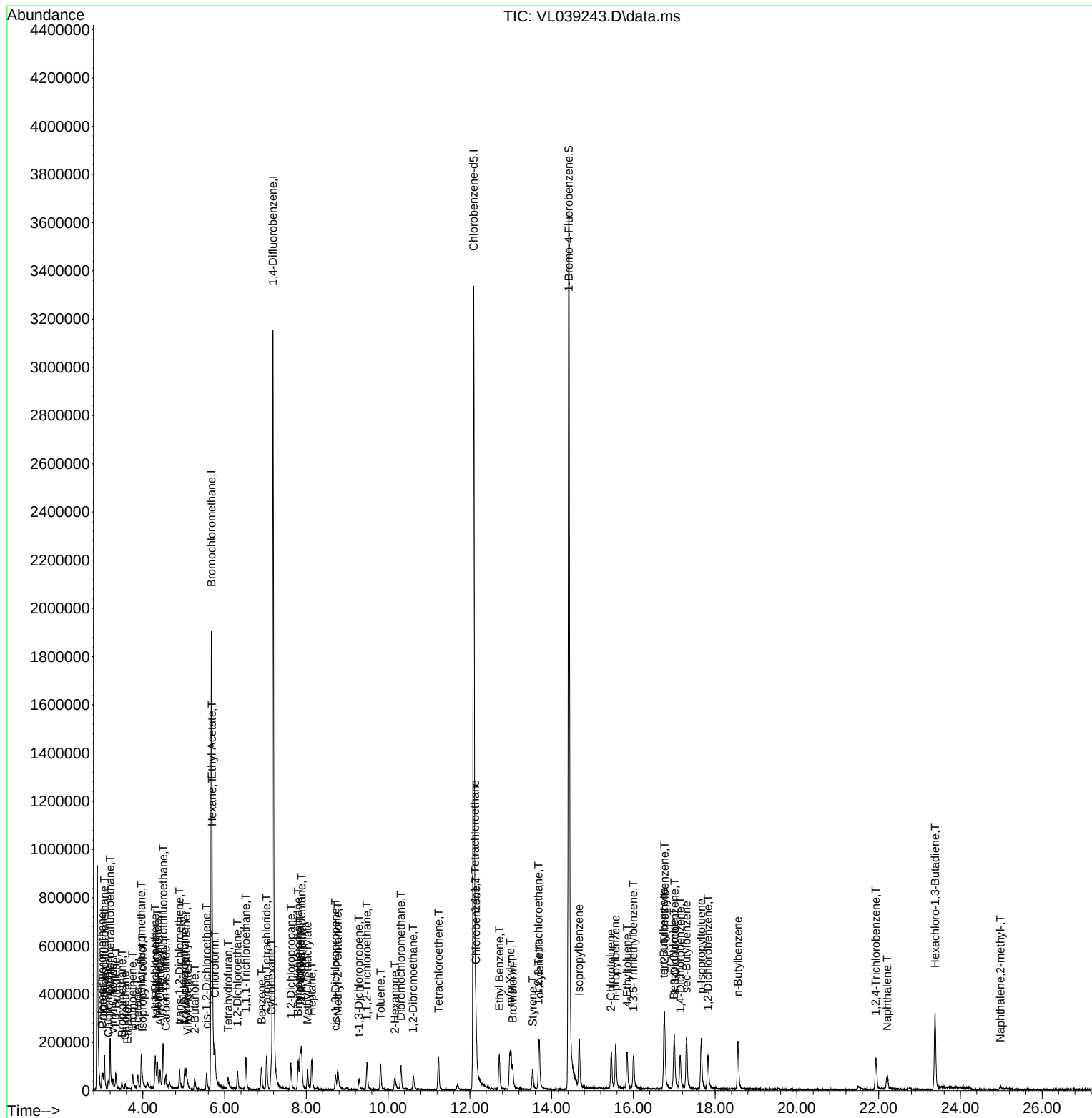
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
Data File : VL039243.D
Acq On : 8 Jun 2022 20:24
Operator : SY/AP
Sample : N3214-13 0.45 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

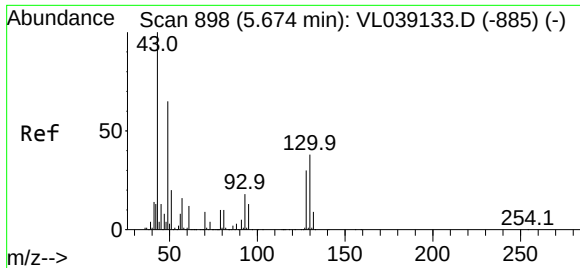
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 09 06:42:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

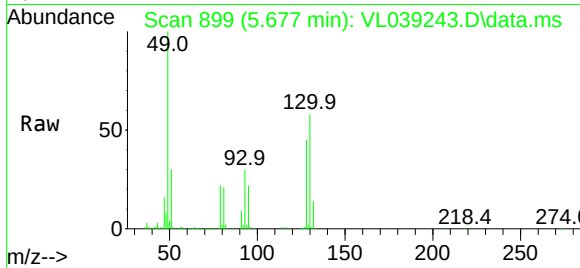
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022





#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.677 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

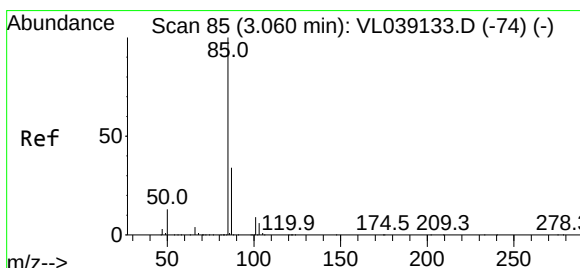
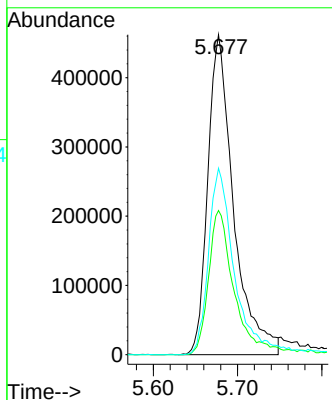
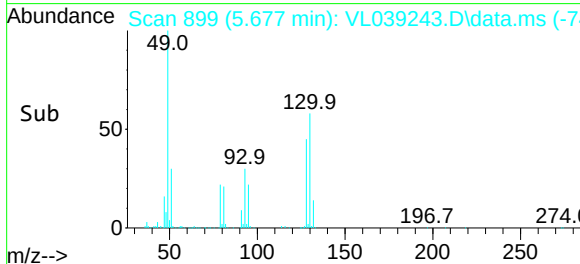
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



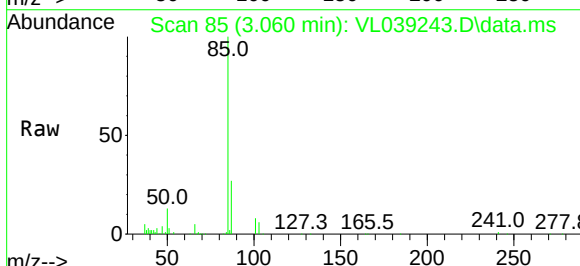
Tgt Ion: 49 Resp: 981110
 Ion Ratio Lower Upper
 49 100
 128 47.3 24.7 74.1
 130 61.4 31.4 94.0

Manual Integrations
 APPROVED

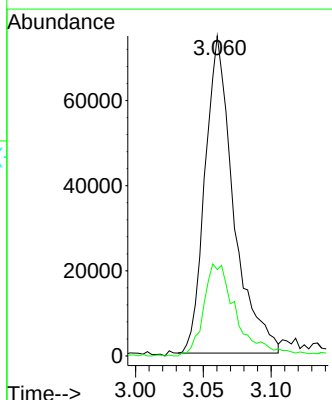
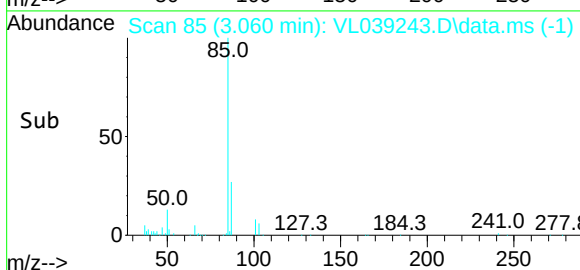
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

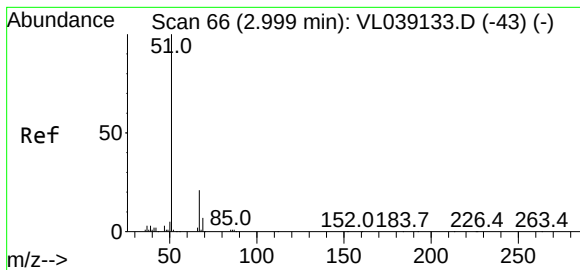


#2
 Dichlorodifluoromethane
 Concen: 0.635 ppbv
 RT: 3.060 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24



Tgt Ion: 85 Resp: 109367
 Ion Ratio Lower Upper
 85 100
 87 27.2 26.9 40.3





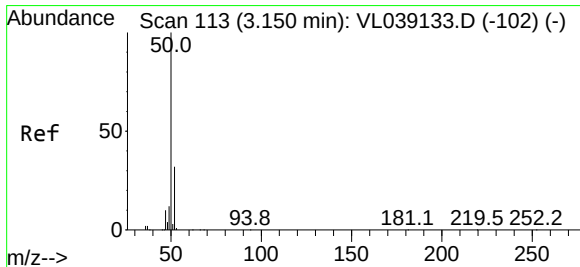
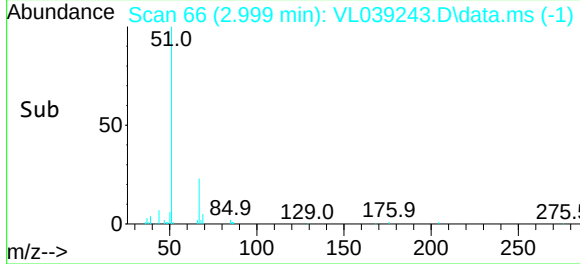
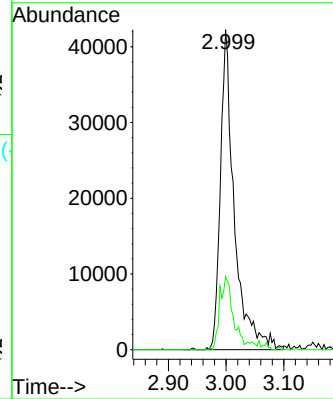
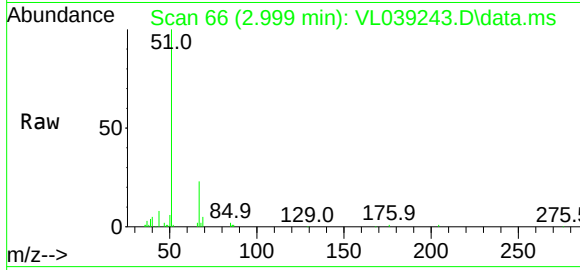
#3
Chlorodifluoromethane
Concen: 0.566 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

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

Tgt Ion: 51 Resp: 70599
Ion Ratio Lower Upper
51 100
67 24.4 16.2 24.4

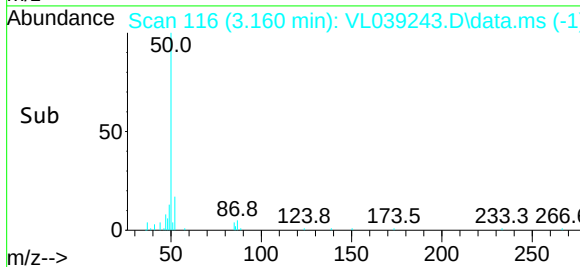
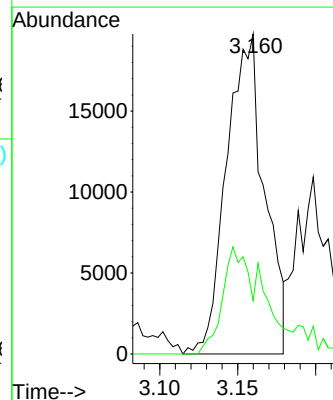
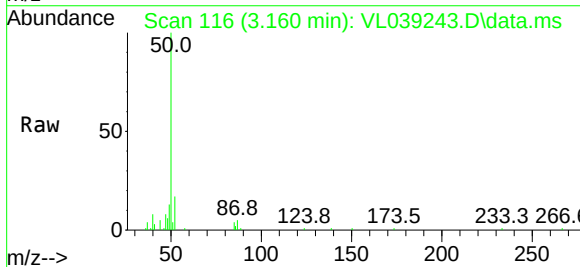
Manual Integrations
APPROVED

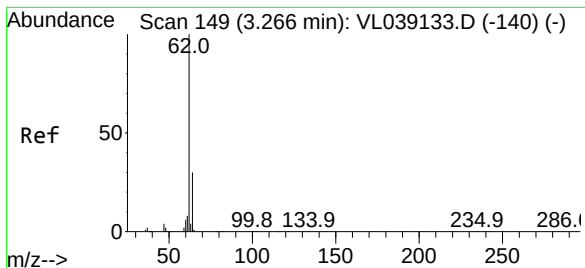
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#4
Chloromethane
Concen: 0.524 ppbv
RT: 3.160 min Scan# 116
Delta R.T. 0.010 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

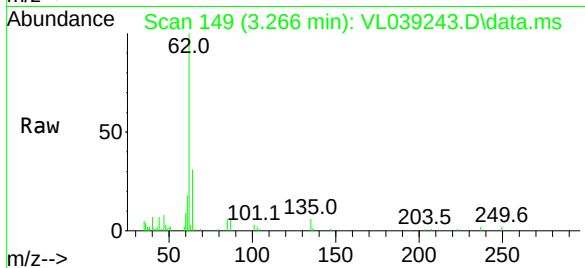
Tgt Ion: 50 Resp: 33570
Ion Ratio Lower Upper
50 100
52 16.7 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.551 ppbv m
 RT: 3.266 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

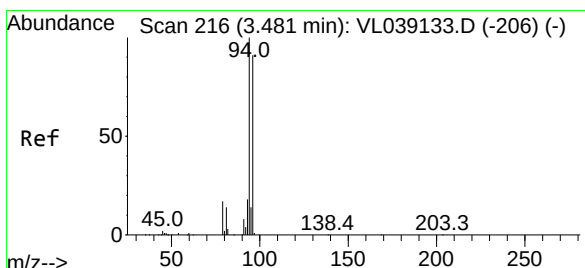
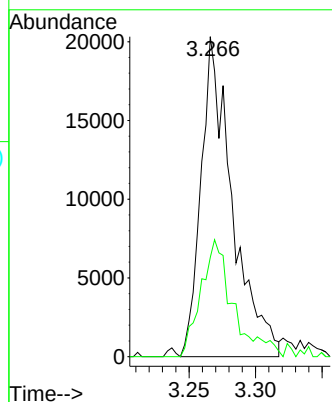
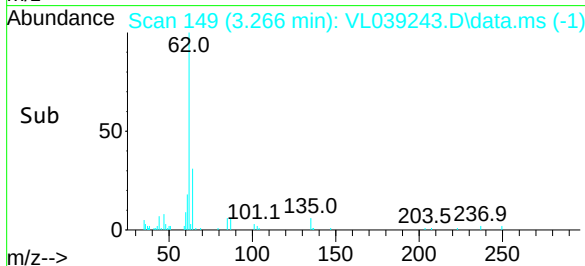
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



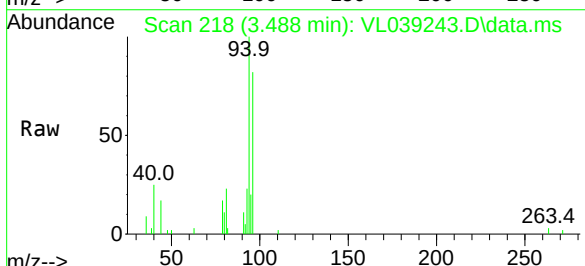
Tgt Ion: 62 Resp: 3305
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.2 36.2

Manual Integrations
 APPROVED

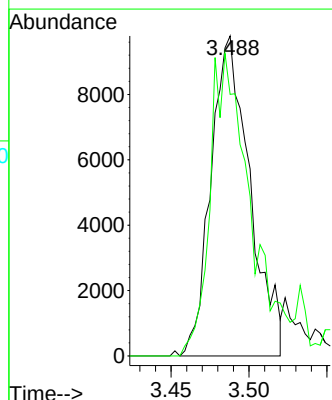
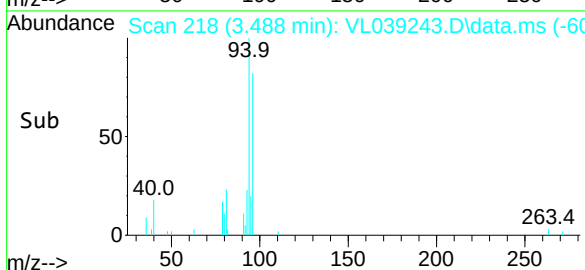
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

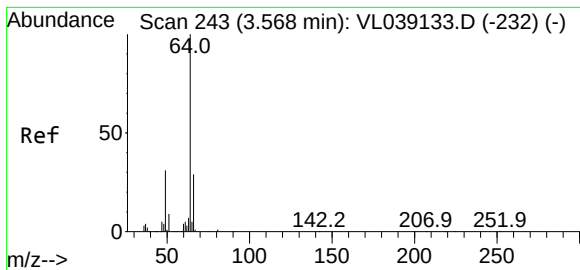


#6
 Bromomethane
 Concen: 0.575 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.007 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24



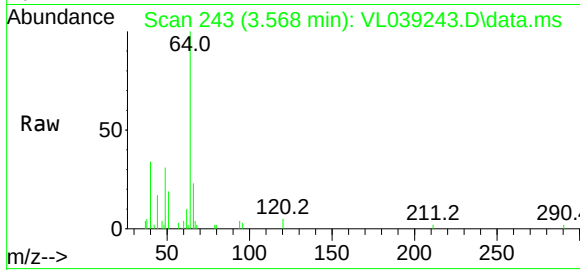
Tgt Ion: 94 Resp: 16970
 Ion Ratio Lower Upper
 94 100
 96 81.7 73.0 109.4





#7
Chloroethane
Concen: 0.666 ppbv m
RT: 3.568 min Scan# 243
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

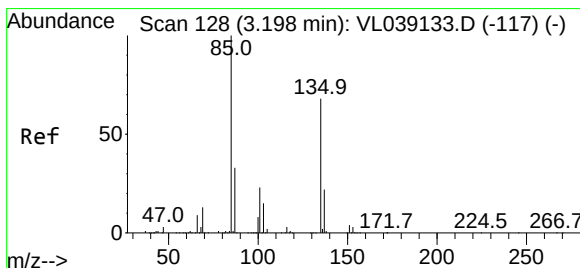
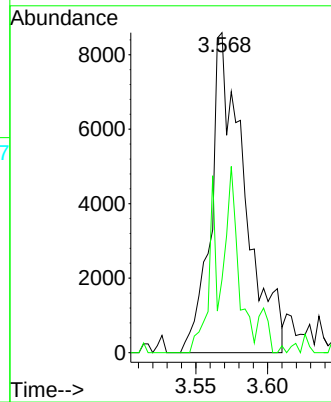
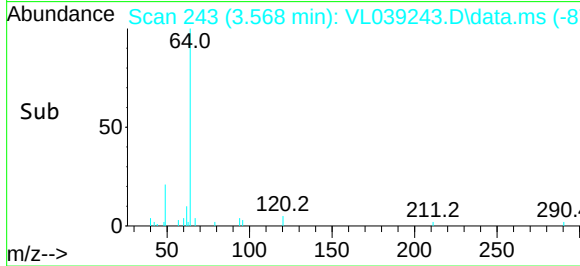
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 64 Resp: 13918
Ion Ratio Lower Upper
64 100
66 22.9 23.6 35.4

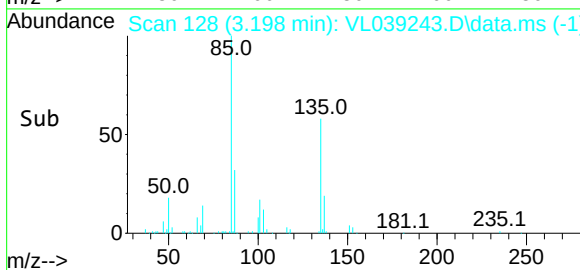
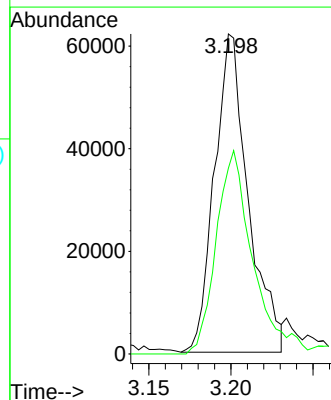
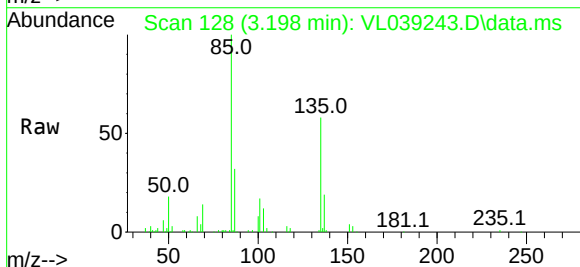
Manual Integrations
APPROVED

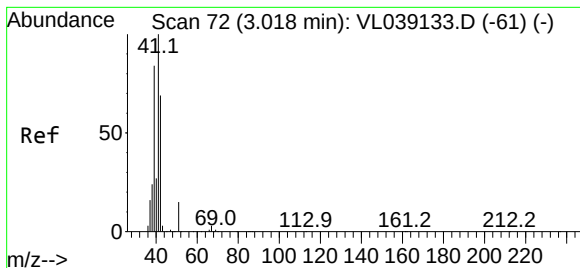
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#8
Dichlorotetrafluoroethane
Concen: 0.564 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

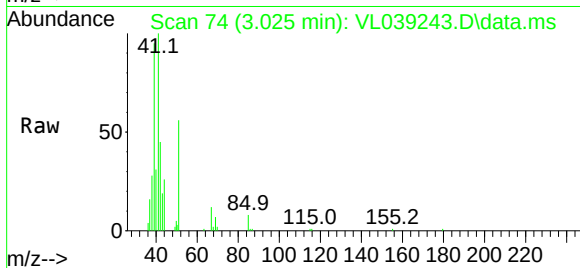
Tgt Ion: 85 Resp: 88761
Ion Ratio Lower Upper
85 100
135 73.0 55.0 82.4





#9
 Propene
 Concen: 0.478 ppbv m
 RT: 3.025 min Scan# 74
 Delta R.T. 0.007 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

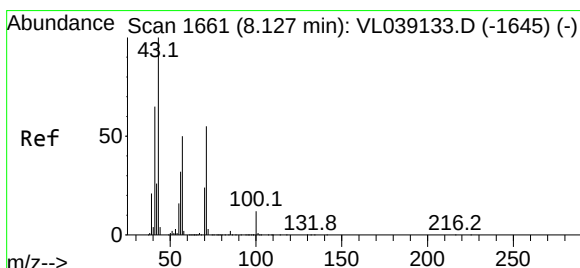
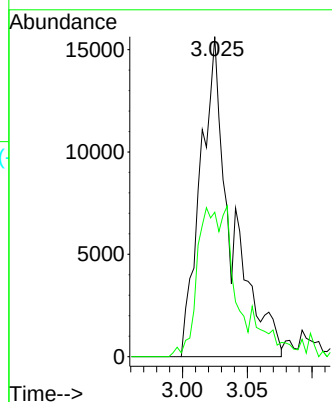
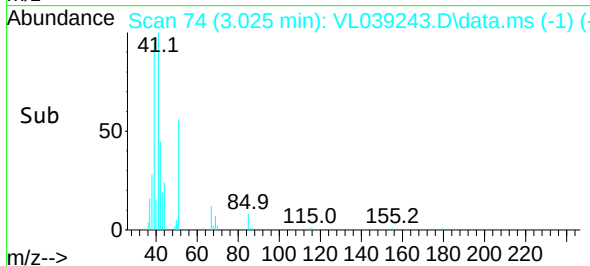
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 41 Resp: 2602
 Ion Ratio Lower Upper
 41 100
 42 61.1 55.4 83.2

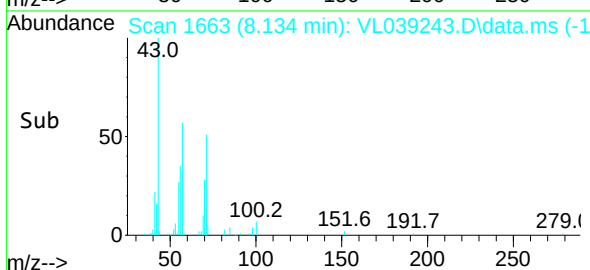
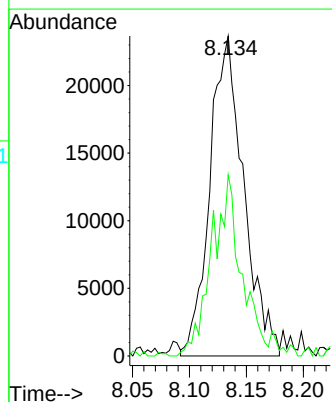
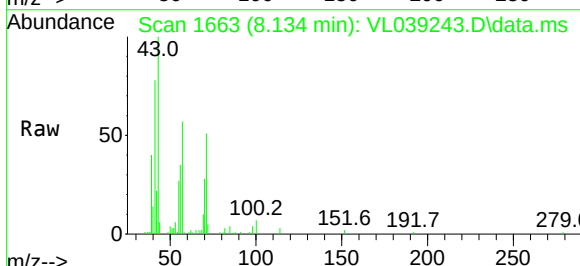
Manual Integrations
 APPROVED

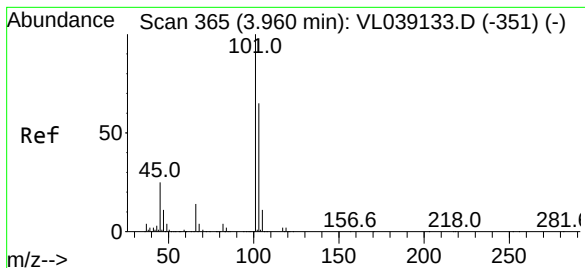
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#10
 Heptane
 Concen: 0.386 ppbv m
 RT: 8.134 min Scan# 1663
 Delta R.T. 0.007 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

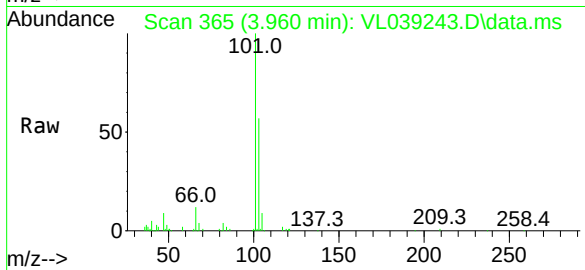
Tgt Ion: 43 Resp: 48976
 Ion Ratio Lower Upper
 43 100
 57 52.9 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.730 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

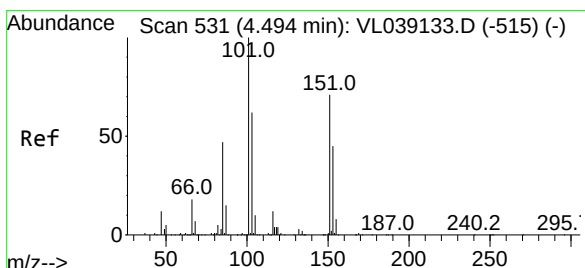
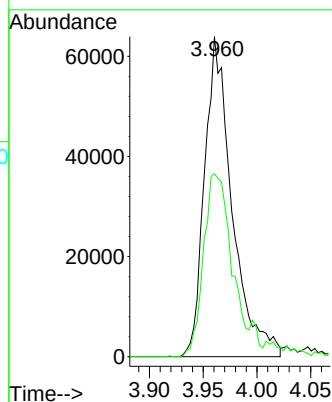
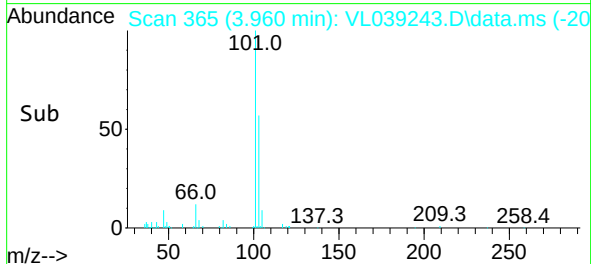
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



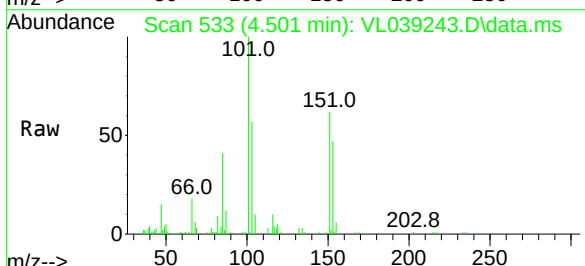
Tgt Ion:101 Resp: 11379
Ion Ratio Lower Upper
101 100
103 57.1 51.7 77.5

Manual Integrations
APPROVED

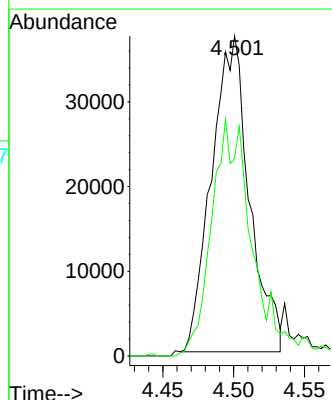
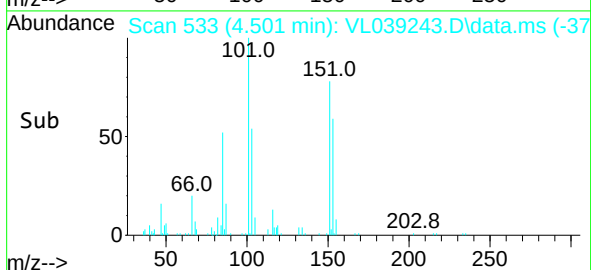
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

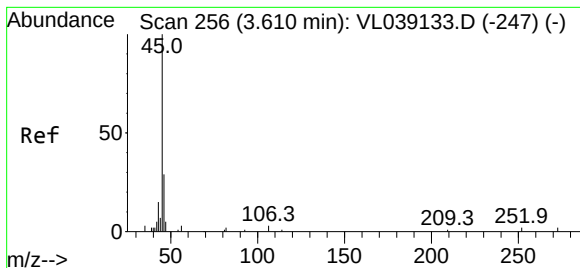


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.674 ppbv
RT: 4.501 min Scan# 533
Delta R.T. 0.007 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



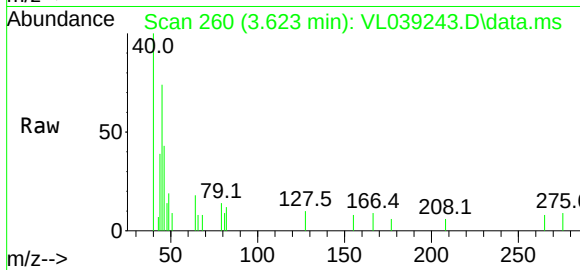
Tgt Ion:101 Resp: 69517
Ion Ratio Lower Upper
101 100
151 79.6 59.4 89.0





#13
Ethanol
Concen: 1.061 ppbv m
RT: 3.623 min Scan# 210
Delta R.T. 0.013 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

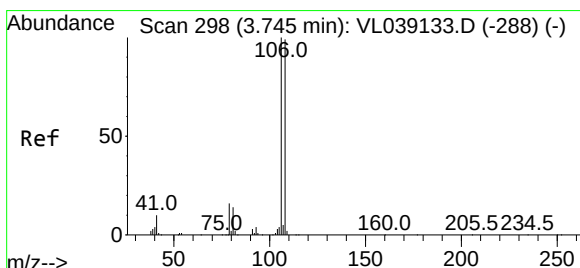
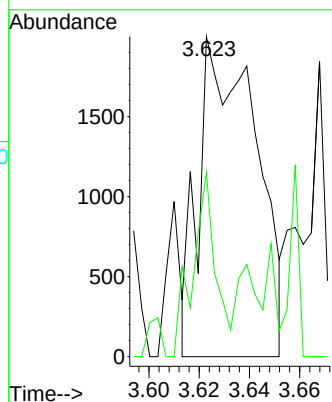
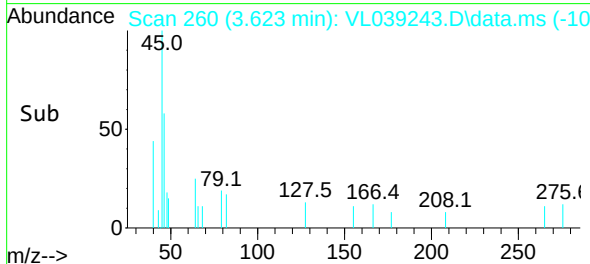
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



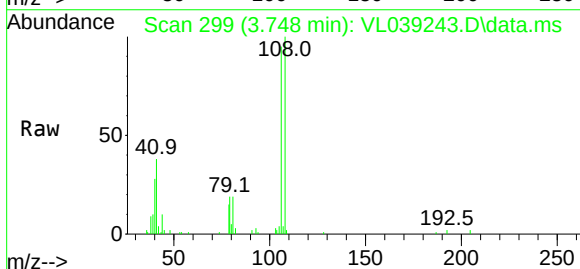
Tgt Ion: 45 Resp: 3150
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

Manual Integrations
APPROVED

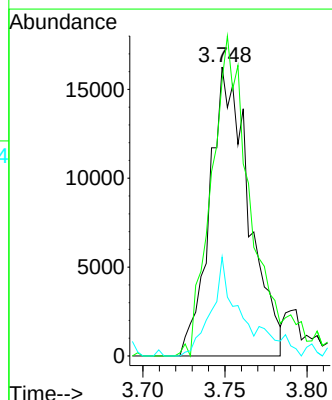
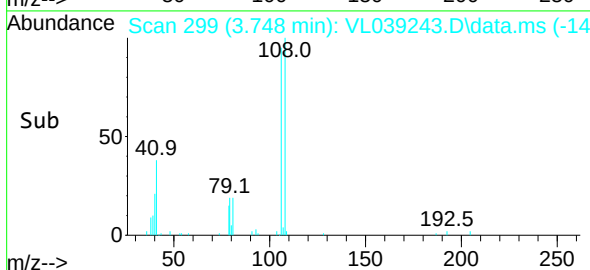
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

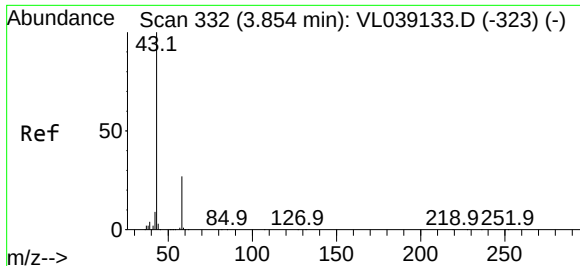


#14
Bromoethene
Concen: 0.583 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



Tgt Ion:108 Resp: 27038
Ion Ratio Lower Upper
108 100
106 119.7 88.4 132.6
79 28.3 13.4 20.2#





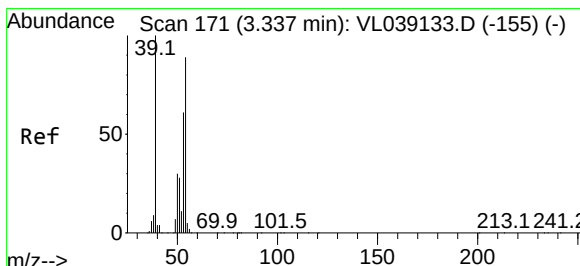
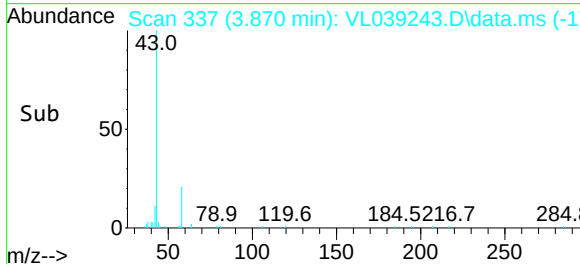
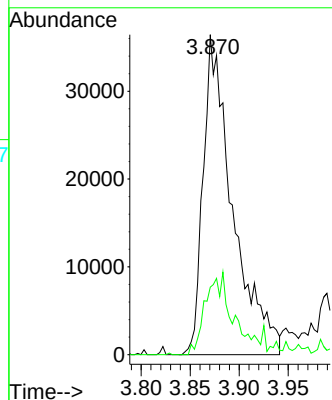
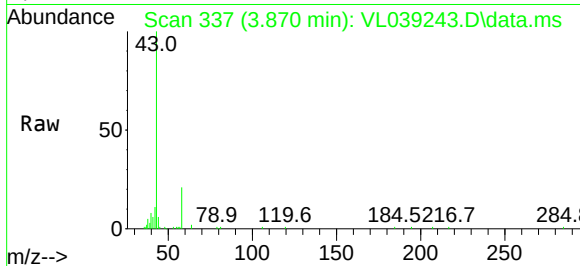
#15
Acetone
Concen: 0.744 ppbv m
RT: 3.870 min Scan# 332
Delta R.T. 0.016 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

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

Tgt Ion: 43 Resp: 7608
Ion Ratio Lower Upper
43 100
58 26.8 22.5 33.7

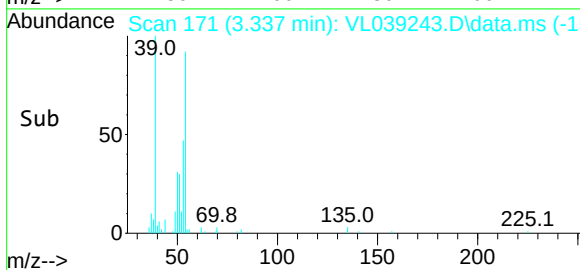
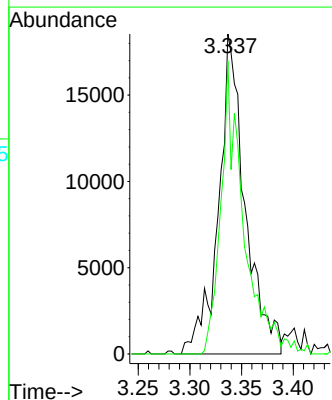
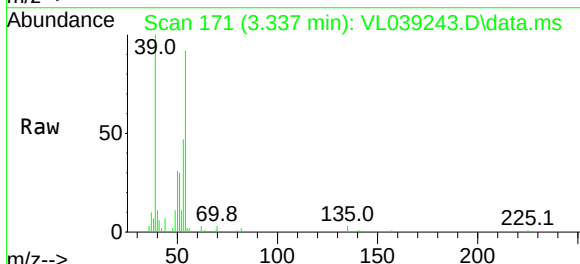
Manual Integrations
APPROVED

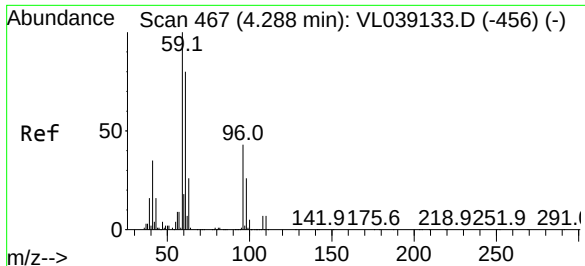
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
1,3-Butadiene
Concen: 0.605 ppbv m
RT: 3.337 min Scan# 171
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 39 Resp: 33263
Ion Ratio Lower Upper
39 100
54 78.4 65.8 98.6





#17

tert-Butyl alcohol

Concen: 0.720 ppbv m

RT: 4.317 min Scan# 41

Delta R.T. 0.029 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 59 Resp: 57098

Ion Ratio Lower Upper

59 100

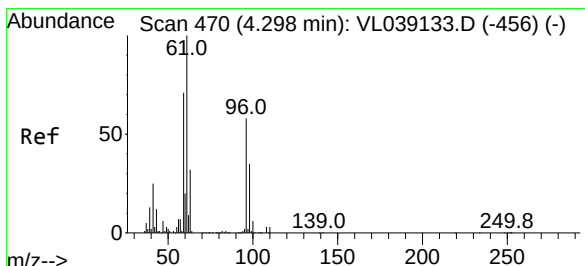
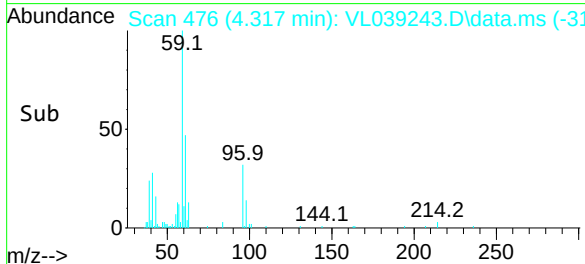
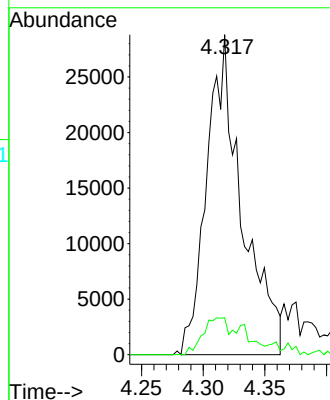
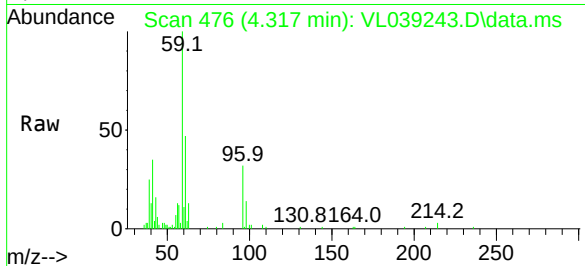
57 0.0 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#18

1,1-Dichloroethene

Concen: 0.649 ppbv

RT: 4.305 min Scan# 472

Delta R.T. 0.007 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

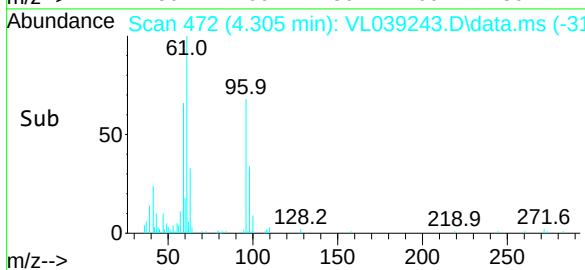
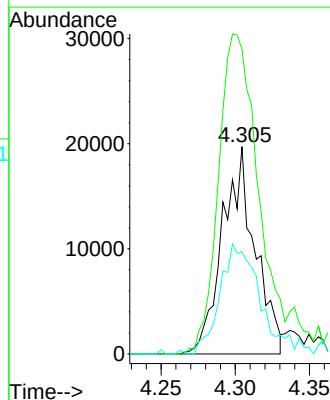
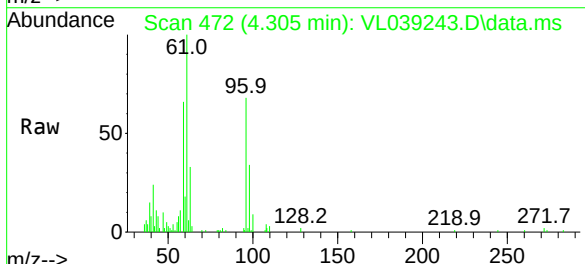
Tgt Ion: 96 Resp: 30044

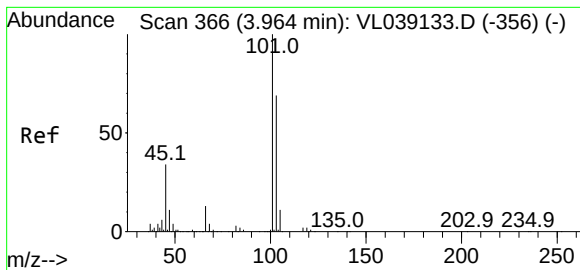
Ion Ratio Lower Upper

96 100

61 146.9 138.4 207.6

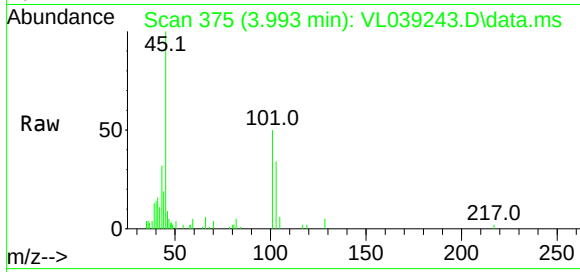
98 47.6 47.8 71.8





#19
Isopropyl Alcohol
Concen: 0.650 ppbv m
RT: 3.993 min Scan# 311
Delta R.T. 0.029 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

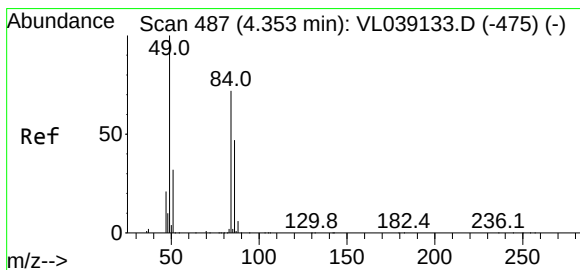
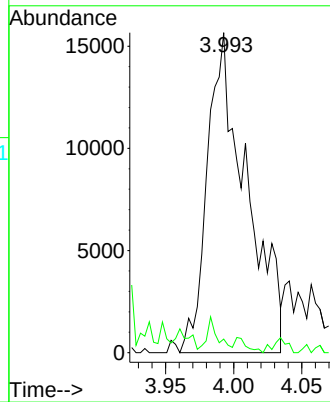
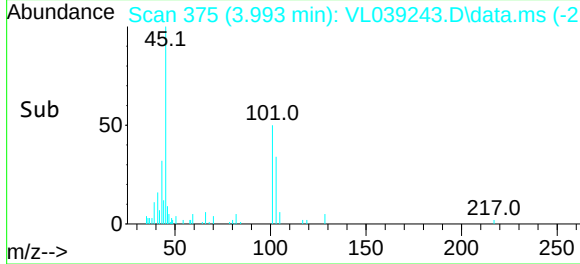
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 45 Resp: 3117
Ion Ratio Lower Upper
45 100
58 4.4 1.8 2.8

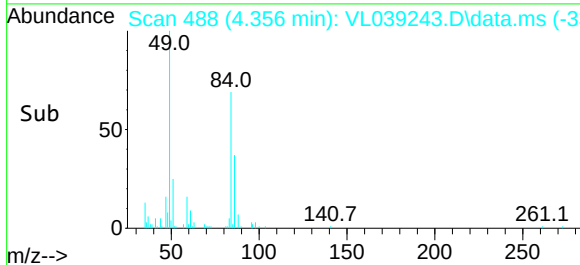
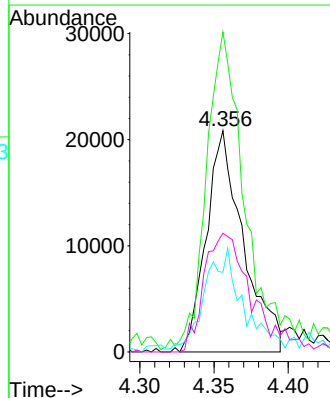
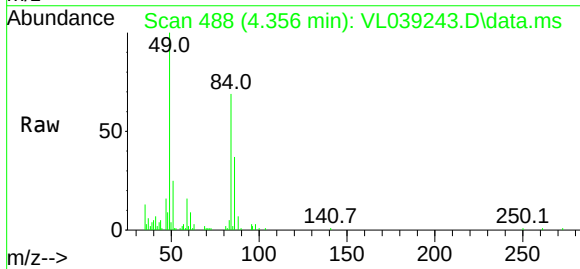
Manual Integrations
APPROVED

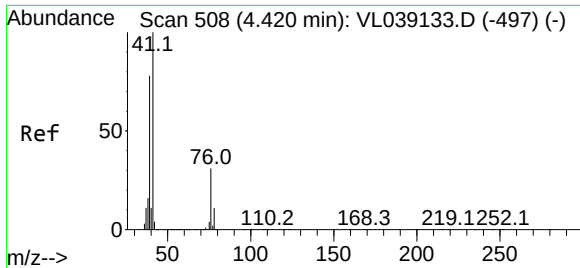
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#20
Methylene Chloride
Concen: 0.841 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 84 Resp: 36241
Ion Ratio Lower Upper
84 100
49 138.3 111.1 166.7
51 32.7 35.3 52.9#
86 53.7 51.9 77.9





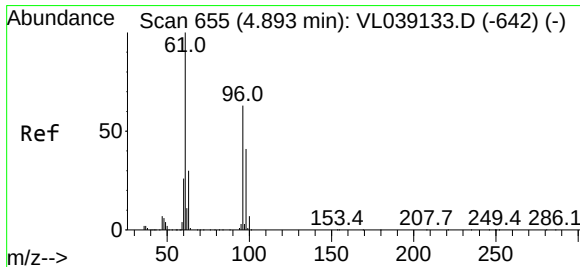
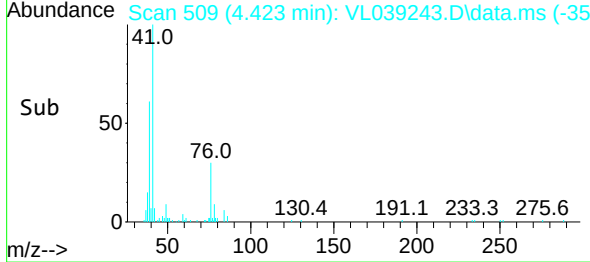
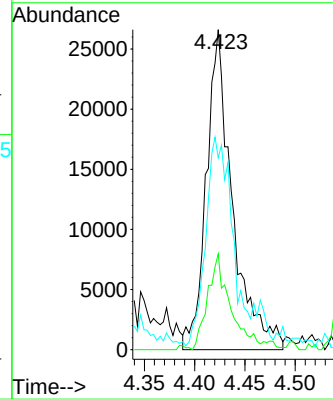
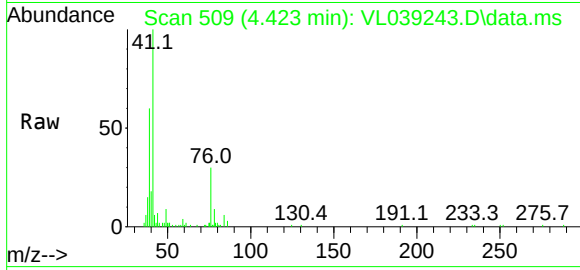
#21
 Allyl Chloride
 Concen: 0.699 ppbv m
 RT: 4.423 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

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

Tgt Ion: 41	Resp: 4819
Ion Ratio	Lower Upper
41 100	
76 27.5	24.2 36.2
39 80.8	62.2 93.2

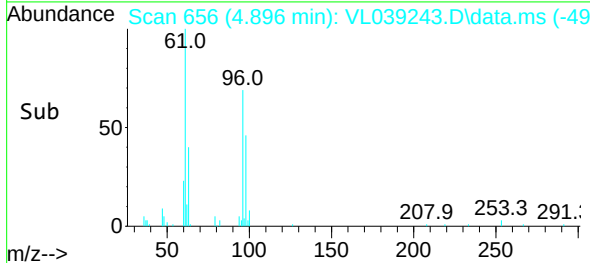
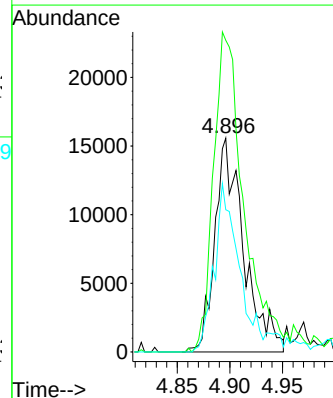
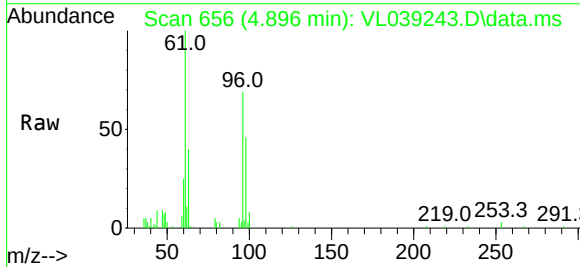
Manual Integrations
 APPROVED

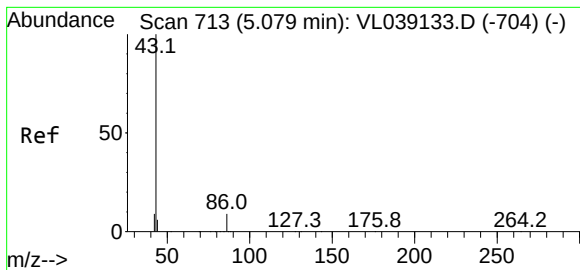
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.670 ppbv m
 RT: 4.896 min Scan# 656
 Delta R.T. 0.003 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

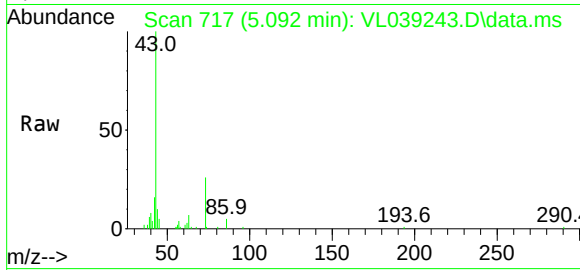
Tgt Ion: 96	Resp: 29849
Ion Ratio	Lower Upper
96 100	
61 145.7	126.6 190.0
98 66.5	52.5 78.7





#23
 Vinyl Acetate
 Concen: 0.428 ppbv m
 RT: 5.092 min Scan# 713
 Delta R.T. 0.013 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

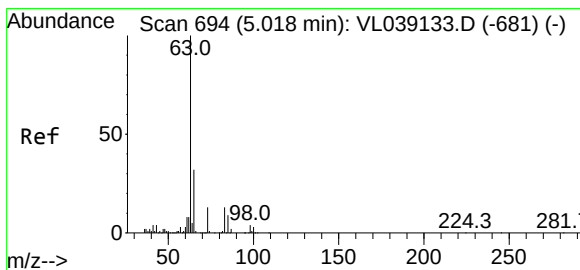
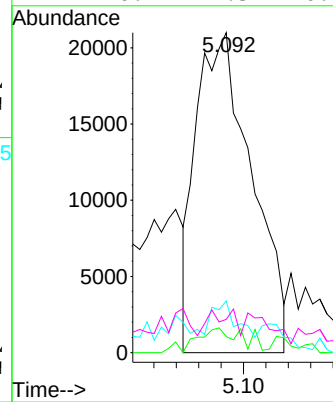
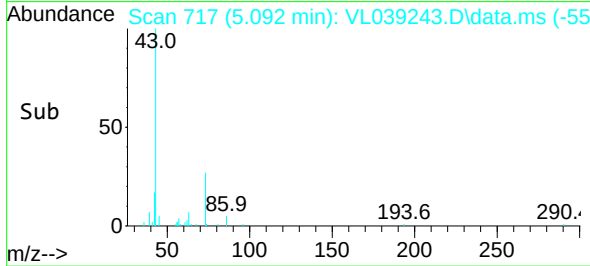
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 36180
 Ion Ratio Lower Upper
 43 100
 86 5.0 6.0 9.0
 42 16.1 8.2 12.4
 44 10.4 4.3 6.5

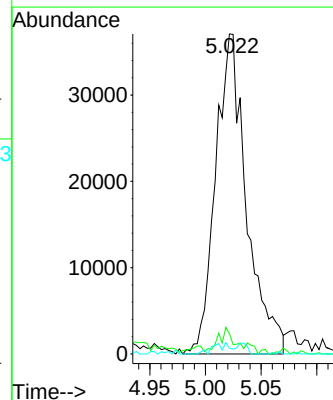
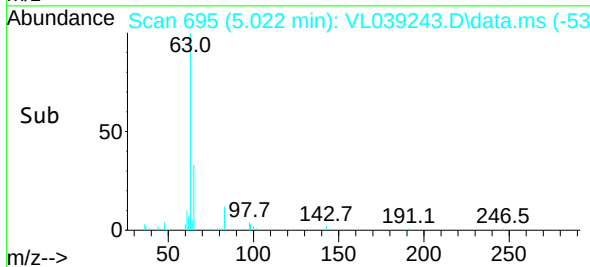
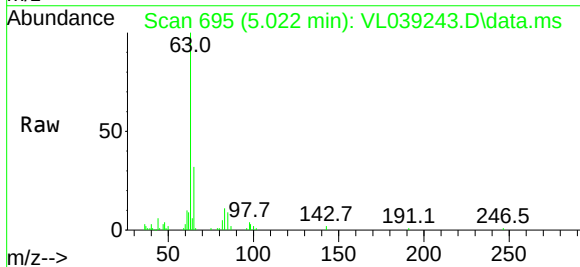
Manual Integrations
 APPROVED

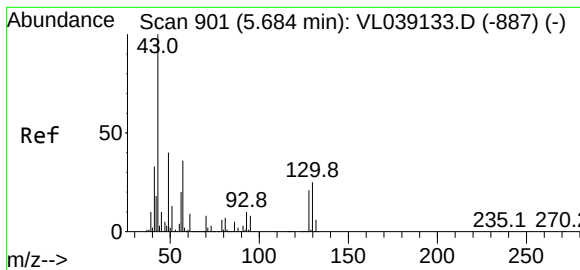
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#24
 1,1-Dichloroethane
 Concen: 0.618 ppbv
 RT: 5.022 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

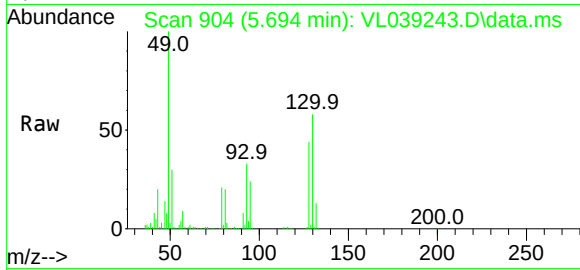
Tgt Ion: 63 Resp: 71608
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.1 6.2
 100 1.9 1.5 4.5





#25
Ethyl Acetate
Concen: 0.410 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.010 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

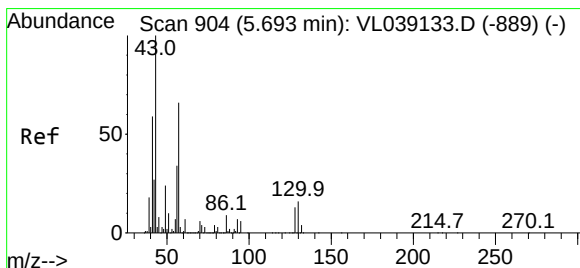
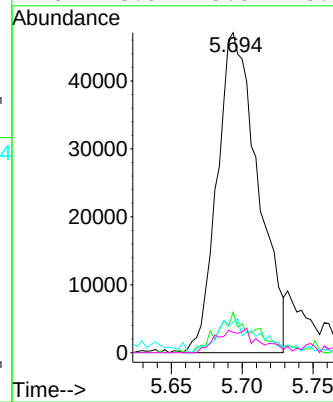
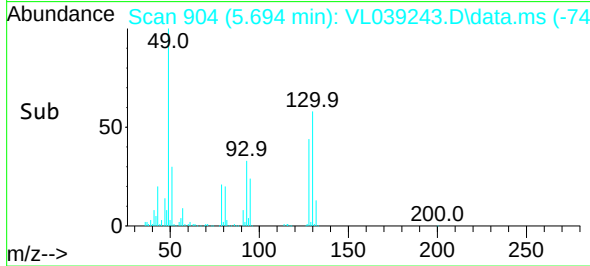
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43	Resp: 9448
Ion Ratio	Lower Upper
43	100
45	12.6 8.2 12.2
61	12.1 8.4 12.6
70	8.6 5.6 8.4

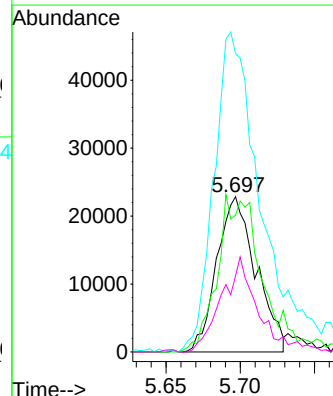
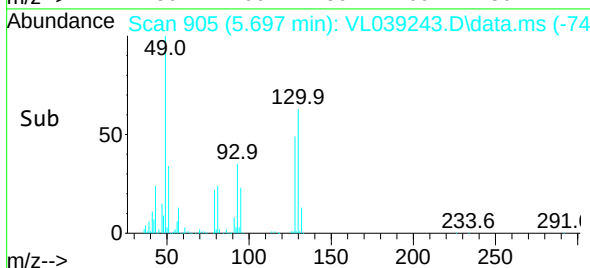
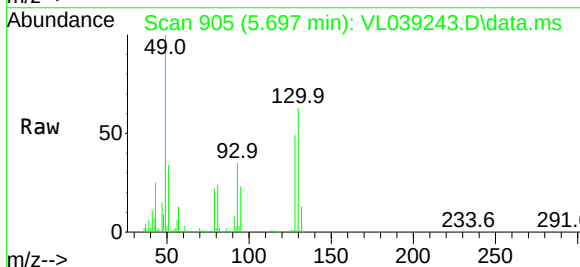
Manual Integrations
APPROVED

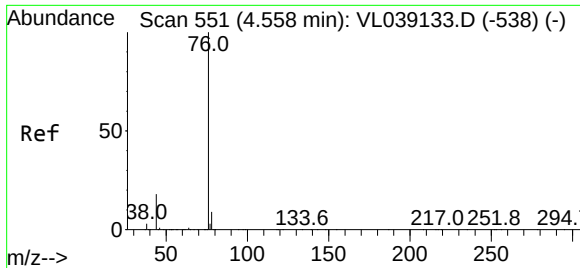
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#26
Hexane
Concen: 0.416 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 57	Resp: 42142
Ion Ratio	Lower Upper
57	100
41	119.4 72.4 108.6
43	260.8 187.0 280.6
56	57.8 41.8 62.6





#27

Carbon Disulfide

Concen: 0.582 ppbv

RT: 4.565 min Scan# 510

Delta R.T. 0.007 min

Lab File: VL039243.D

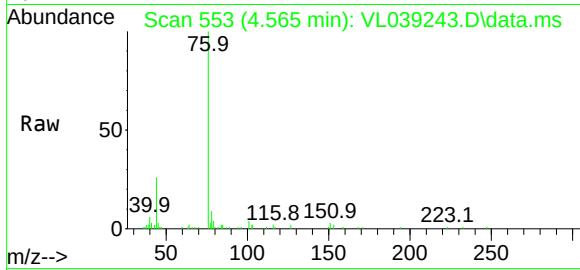
Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



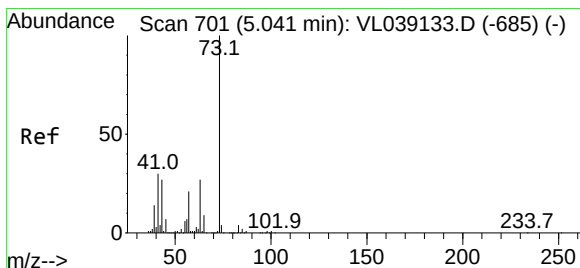
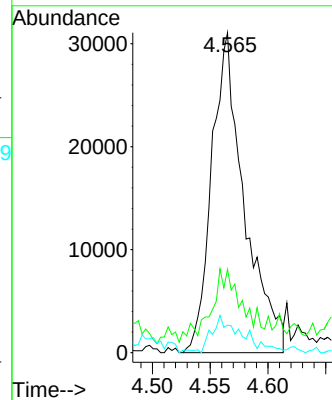
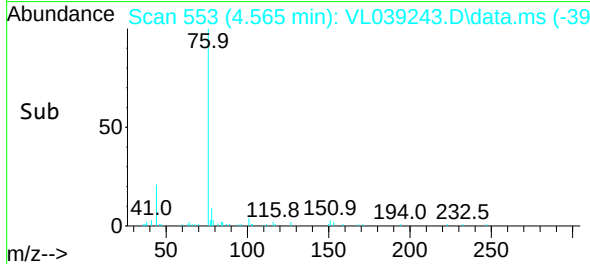
Tgt Ion: 76 Resp: 61089

Ion	Ratio	Lower	Upper
76	100		
44	30.4	14.4	21.6
78	12.5	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#28

Methyl tert-Butyl Ether

Concen: 0.520 ppbv m

RT: 5.057 min Scan# 706

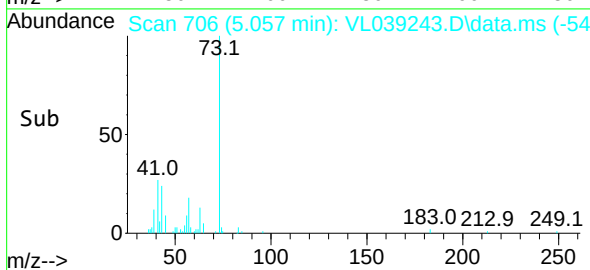
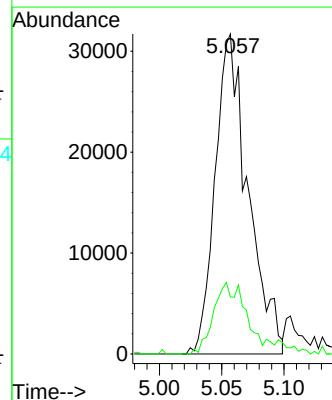
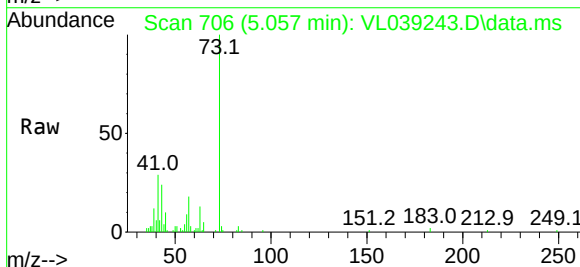
Delta R.T. 0.016 min

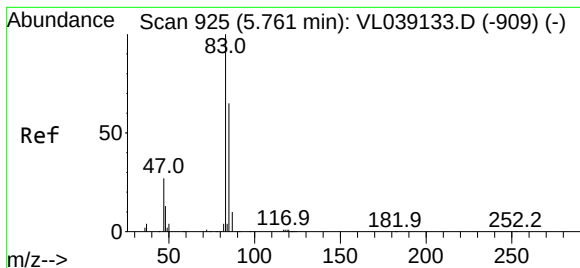
Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Tgt Ion: 73 Resp: 58055

Ion	Ratio	Lower	Upper
73	100		
57	24.5	18.6	27.8





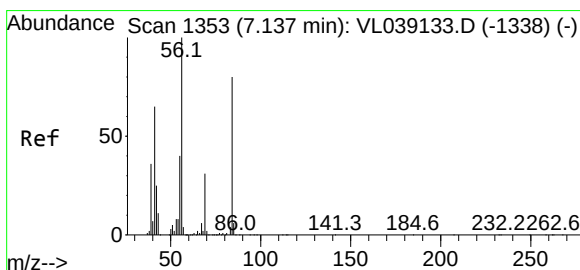
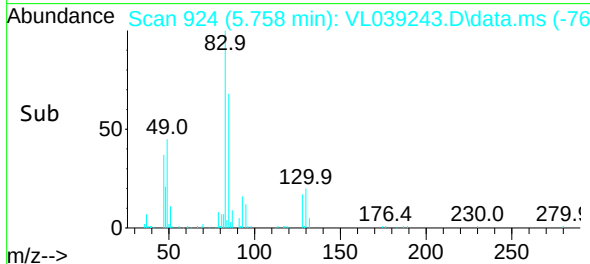
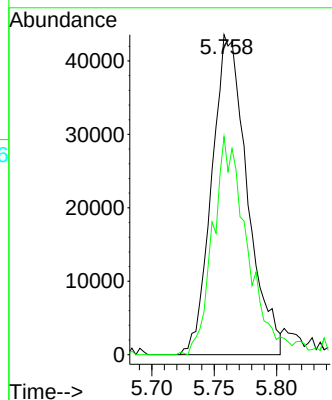
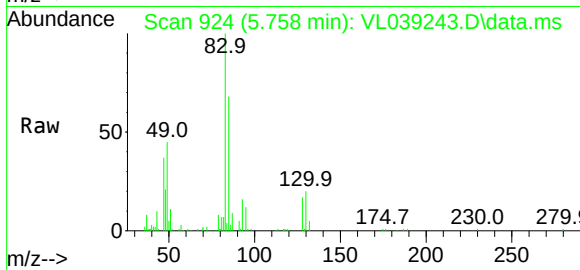
#29
Chloroform
Concen: 0.507 ppbv
RT: 5.758 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

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

Tgt Ion: 83 Resp: 8630
Ion Ratio Lower Upper
83 100
85 67.5 52.4 78.6

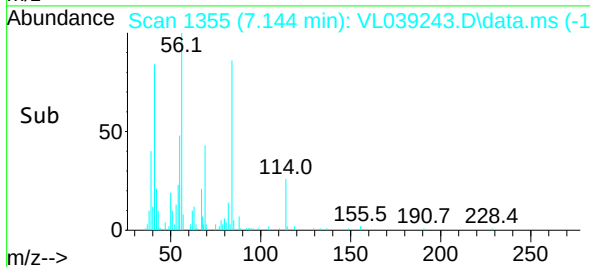
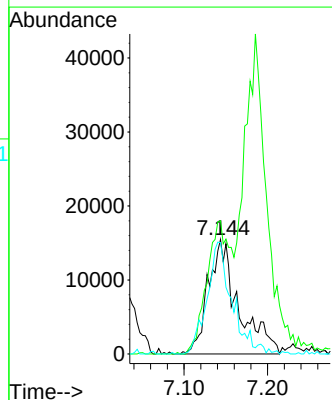
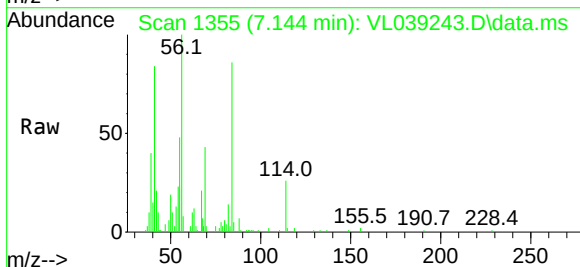
Manual Integrations
APPROVED

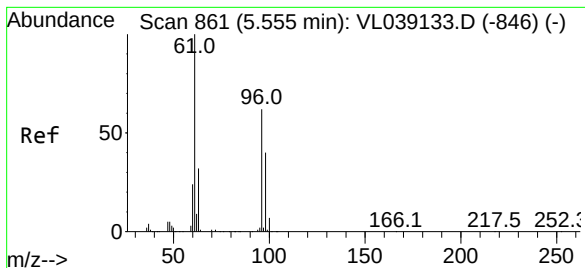
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#30
Cyclohexane
Concen: 0.456 ppbv m
RT: 7.144 min Scan# 1355
Delta R.T. 0.007 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

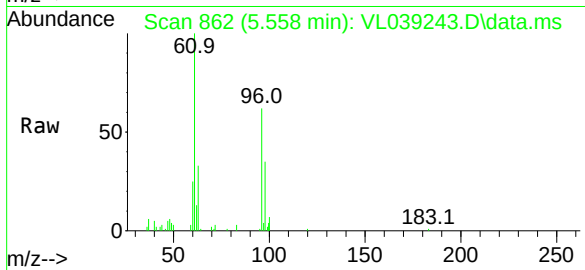
Tgt Ion: 84 Resp: 38795
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 81.6 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 0.443 ppbv m
 RT: 5.558 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24

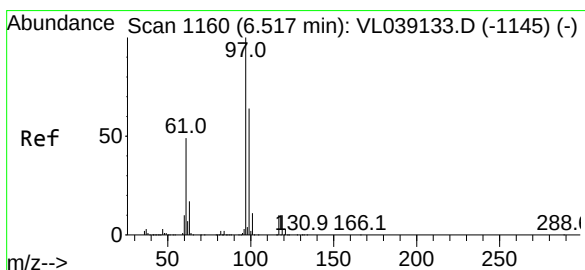
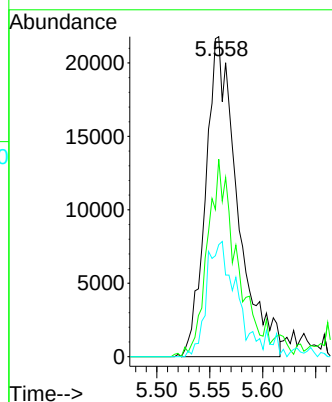
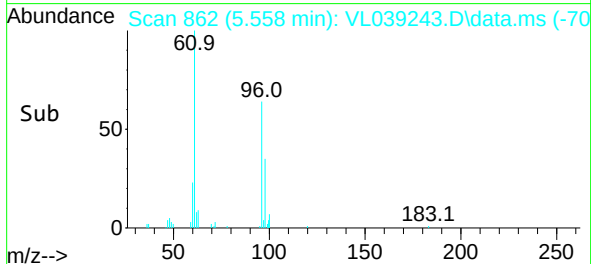
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



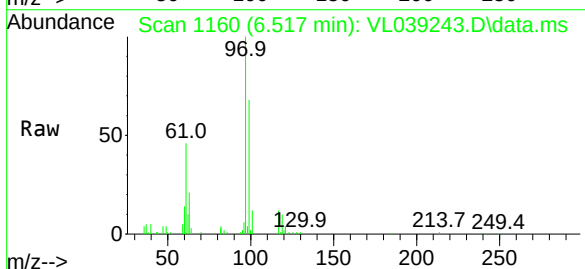
Tgt Ion: 61 Resp: 4576
 Ion Ratio Lower Upper
 61 100
 96 61.7 49.9 74.9
 98 35.0 32.0 48.0

Manual Integrations
 APPROVED

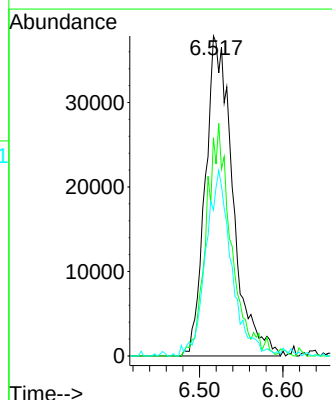
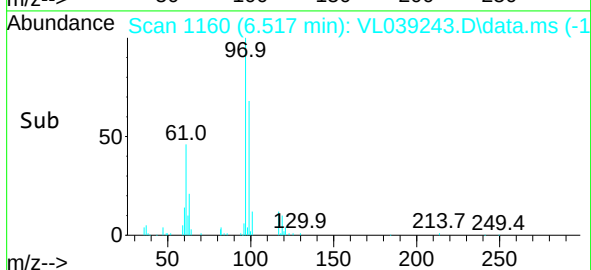
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

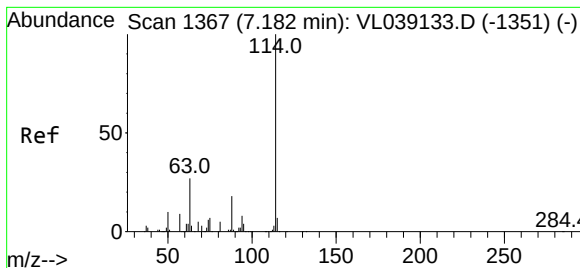


#32
 1,1,1-Trichloroethane
 Concen: 0.522 ppbv m
 RT: 6.517 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VL039243.D
 Acq: 8 Jun 2022 20:24



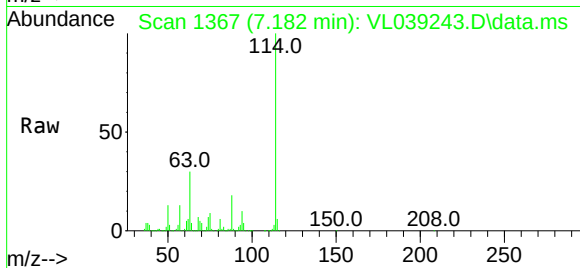
Tgt Ion: 97 Resp: 86927
 Ion Ratio Lower Upper
 97 100
 99 67.0 52.1 78.1
 61 54.3 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

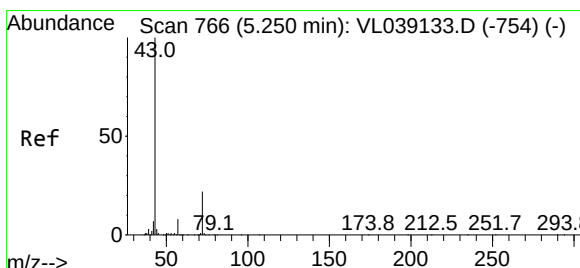
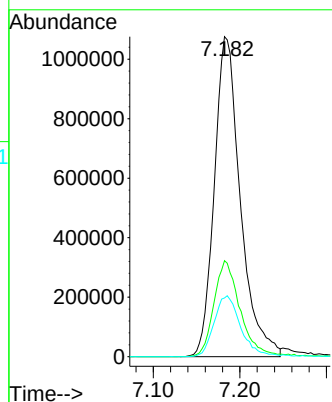
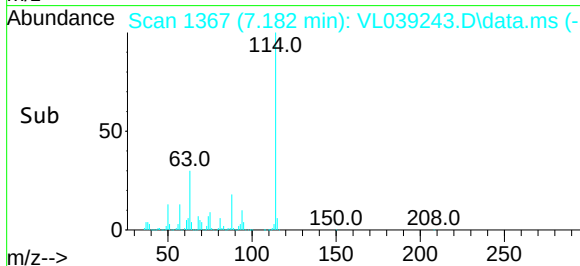
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



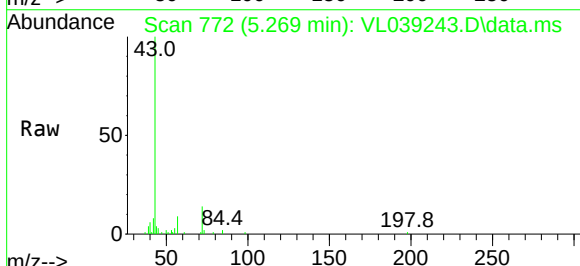
Tgt Ion:114 Resp: 224502
Ion Ratio Lower Upper
114 100
63 30.7 21.7 32.5
88 19.8 14.8 22.2

Manual Integrations
APPROVED

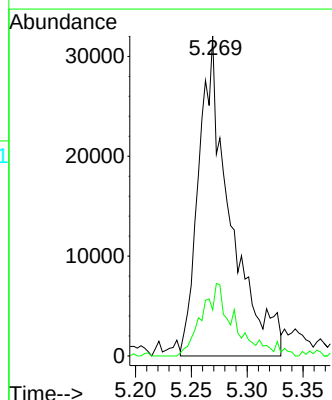
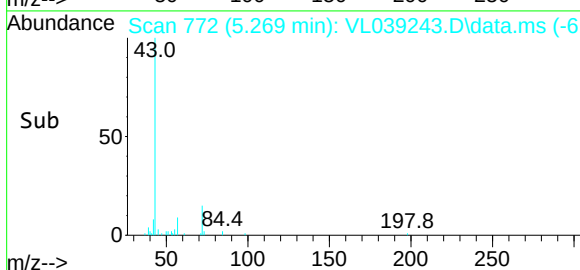
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

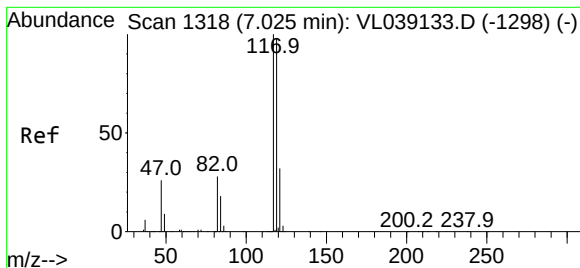


#34
2-Butanone
Concen: 0.512 ppbv m
RT: 5.269 min Scan# 772
Delta R.T. 0.019 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



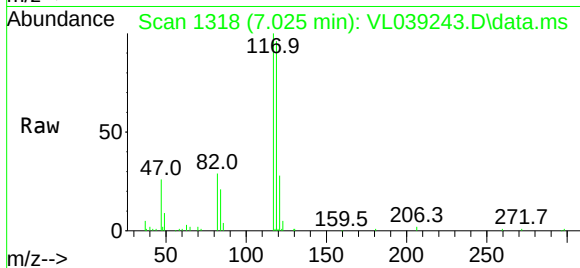
Tgt Ion: 43 Resp: 62408
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#35
Carbon Tetrachloride
Concen: 0.535 ppbv
RT: 7.025 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

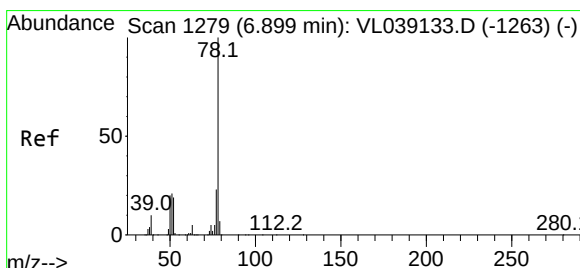
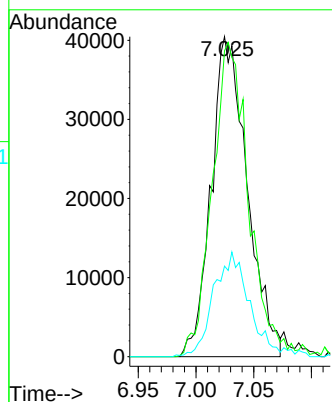
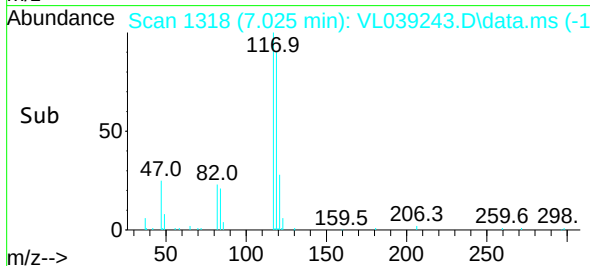
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



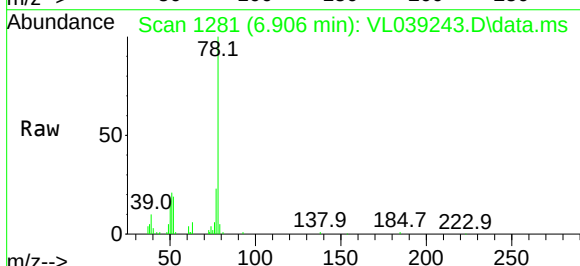
Tgt Ion: 117 Resp: 87689
Ion Ratio Lower Upper
117 100
119 95.2 78.6 118.0
121 27.9 25.4 38.0

Manual Integrations
APPROVED

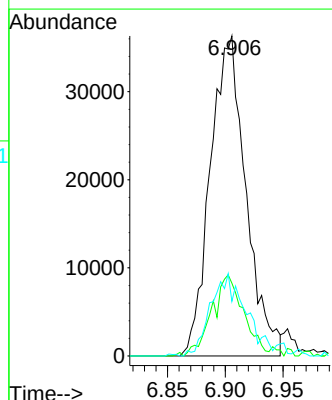
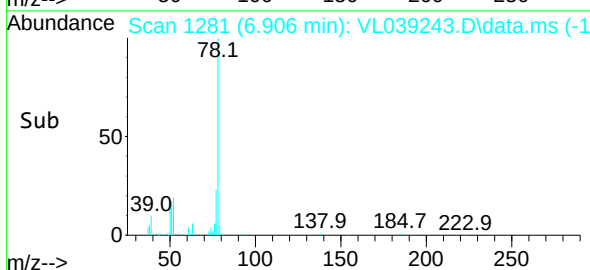
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

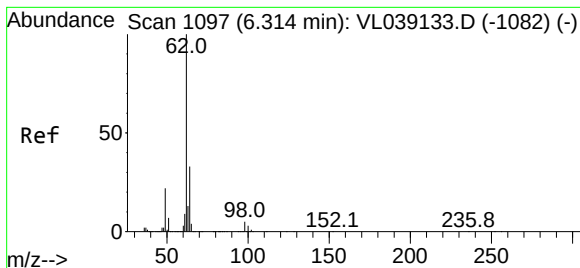


#36
Benzene
Concen: 0.427 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.007 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



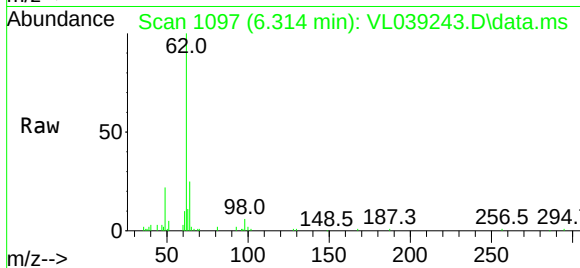
Tgt Ion: 78 Resp: 77860
Ion Ratio Lower Upper
78 100
77 21.6 18.6 27.8
50 16.2 15.8 23.8





#37
1,2-Dichloroethane
Concen: 0.531 ppbv
RT: 6.314 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

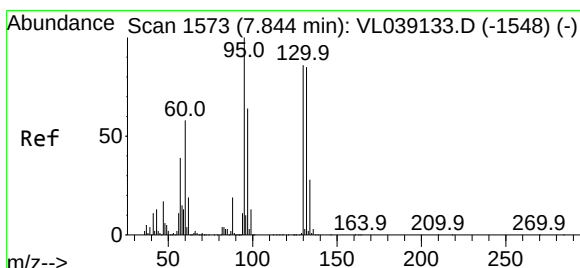
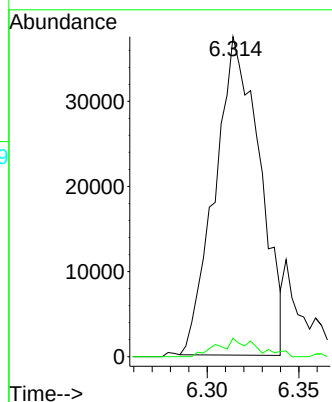
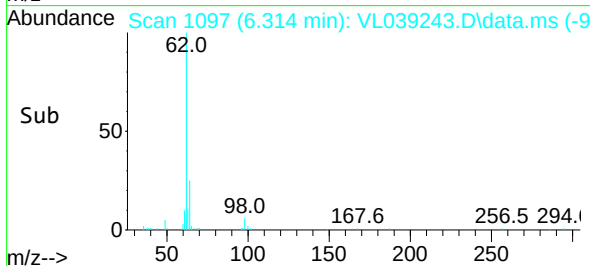
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



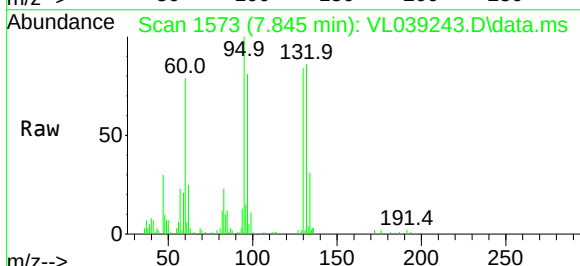
Tgt Ion: 62 Resp: 6365
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5

Manual Integrations
APPROVED

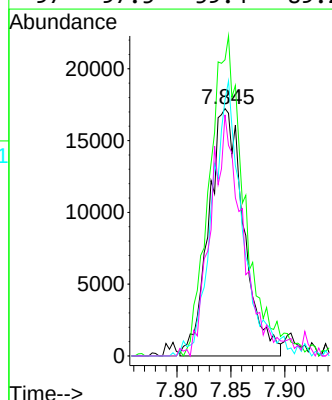
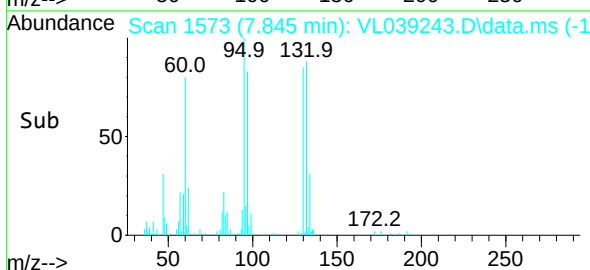
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

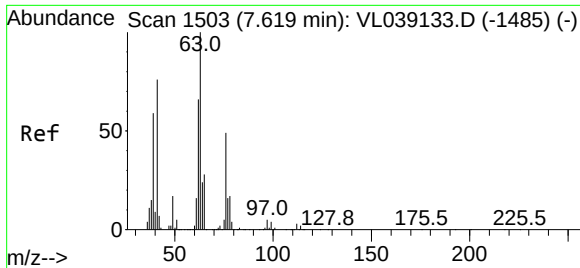


#38
Trichloroethene
Concen: 0.464 ppbv m
RT: 7.845 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



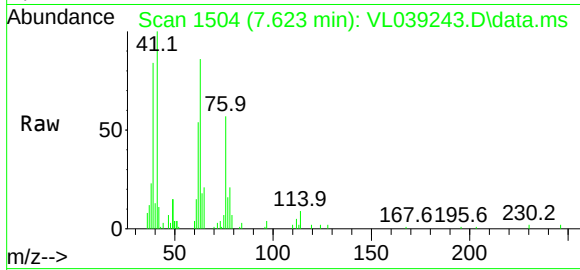
Tgt Ion:130 Resp: 38846
Ion Ratio Lower Upper
130 100
95 119.7 93.3 139.9
132 103.5 79.0 118.4
97 97.5 59.4 89.2#





#39
1,2-Dichloropropane
Concen: 0.463 ppbv m
RT: 7.623 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

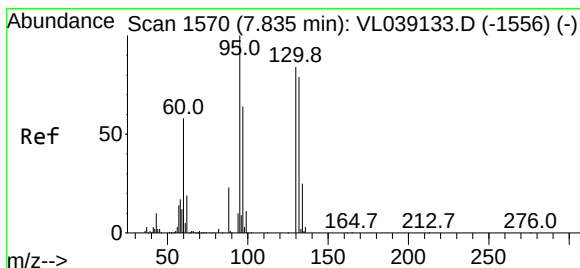
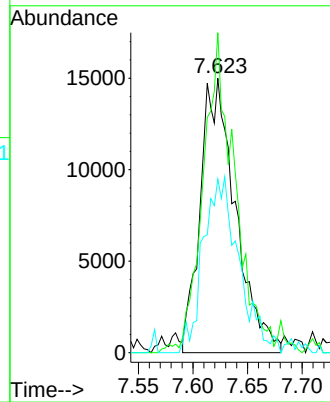
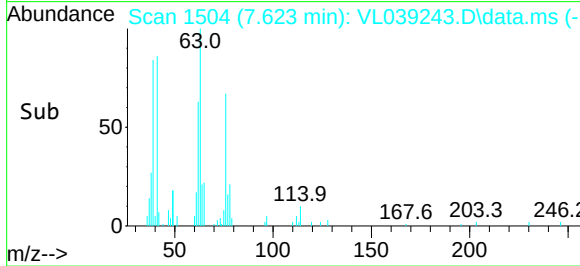
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



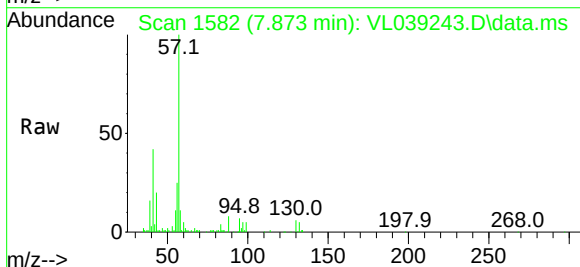
Tgt Ion: 63 Resp: 3358
Ion Ratio Lower Upper
63 100
41 116.6 60.8 91.2
62 63.2 52.9 79.3

Manual Integrations
APPROVED

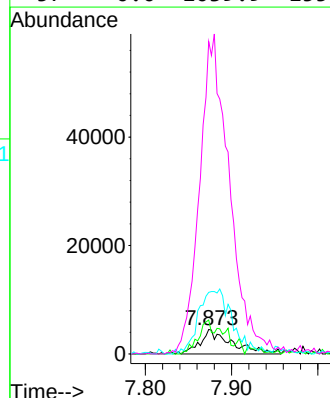
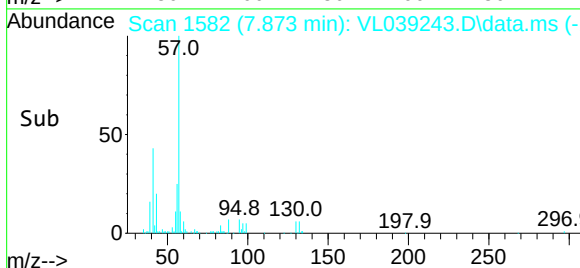
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

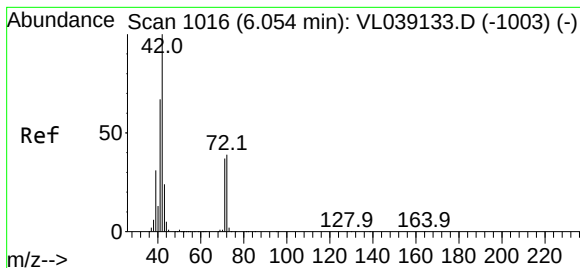


#40
1,4-Dioxane
Concen: 0.480 ppbv m
RT: 7.873 min Scan# 1582
Delta R.T. 0.039 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



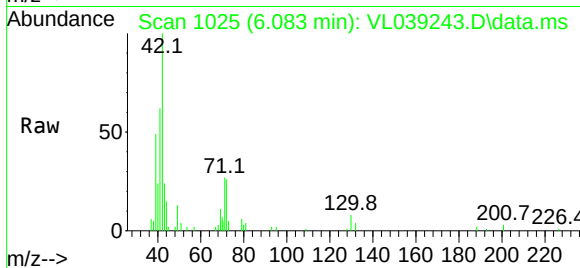
Tgt Ion: 88 Resp: 11449
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.428 ppbv m
RT: 6.083 min Scan# 1016
Delta R.T. 0.029 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

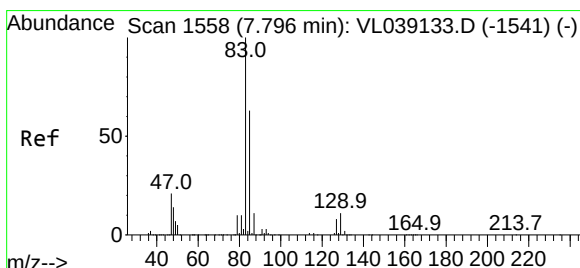
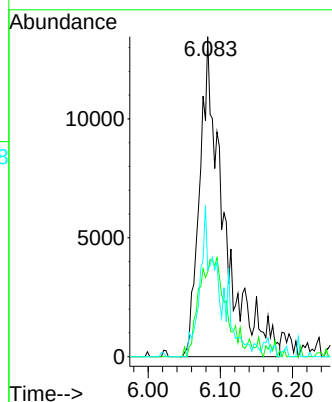
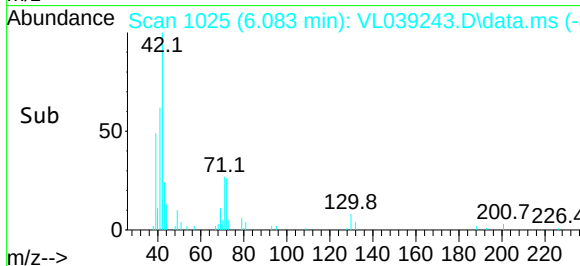
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 42 Resp: 31419
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0
71 39.3 31.1 46.7

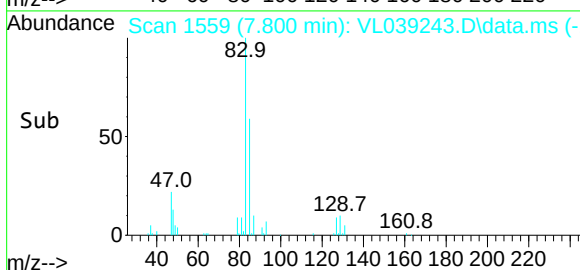
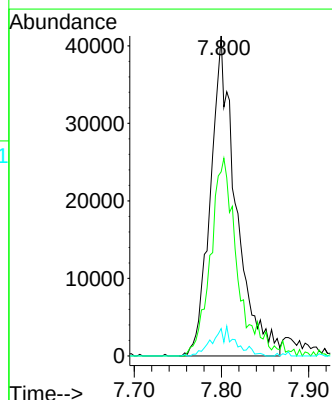
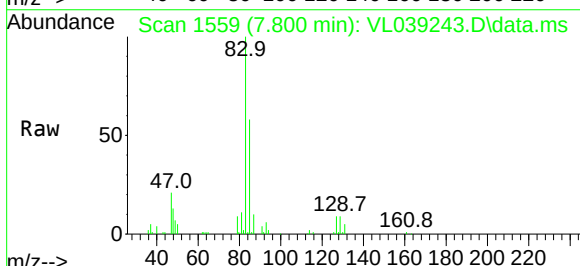
Manual Integrations
APPROVED

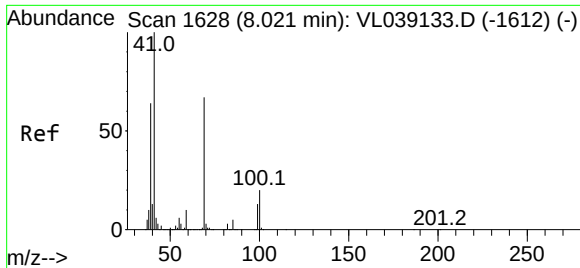
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
Bromodichloromethane
Concen: 0.506 ppbv m
RT: 7.800 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 83 Resp: 84284
Ion Ratio Lower Upper
83 100
85 57.5 50.2 75.4
127 8.6 6.6 9.8





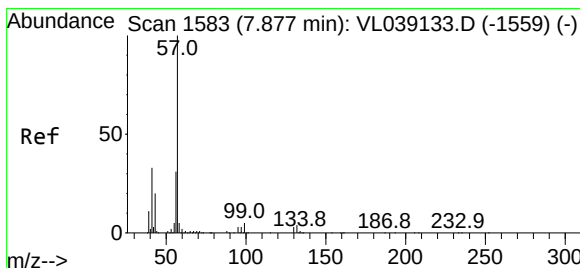
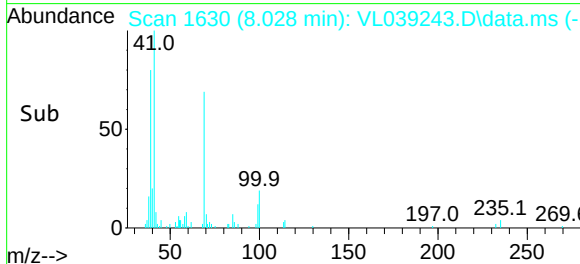
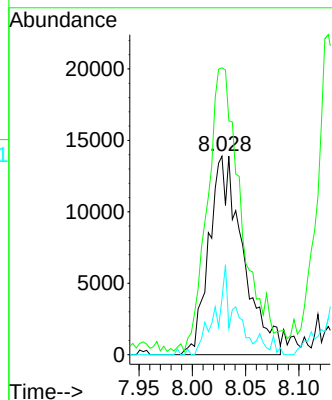
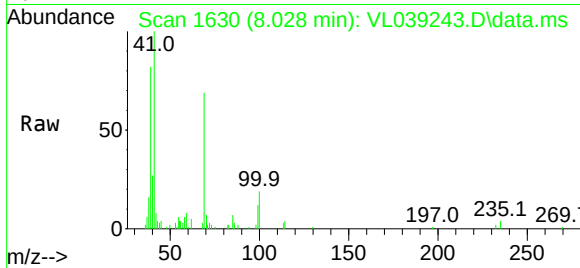
#43
Methyl Methacrylate
Concen: 0.434 ppbv
RT: 8.028 min Scan# 1630
Delta R.T. 0.007 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

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

Tgt Ion: 69 Resp: 30819
Ion Ratio Lower Upper
69 100
41 150.1 121.9 182.9
100 0.0 24.1 36.1

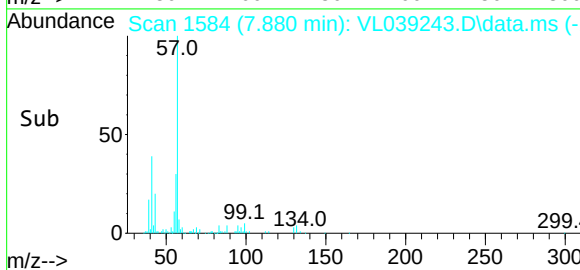
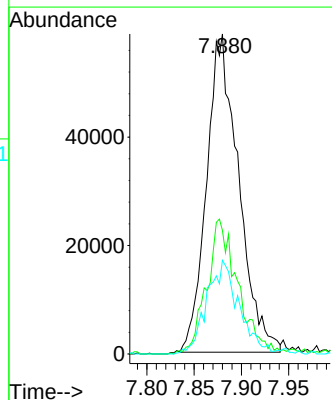
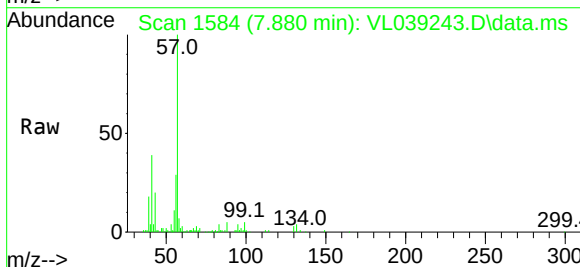
Manual Integrations
APPROVED

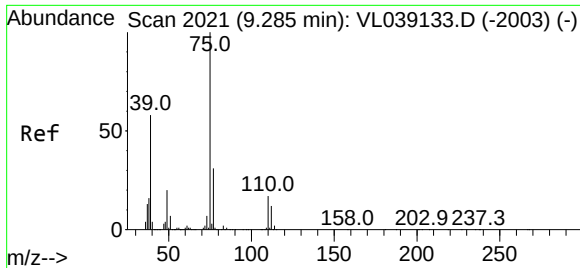
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#44
2,2,4-Trimethylpentane
Concen: 0.434 ppbv
RT: 7.880 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 57 Resp: 138477
Ion Ratio Lower Upper
57 100
41 41.9 26.2 39.4
56 30.2 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 0.359 ppbv m

RT: 9.282 min Scan# 20

Delta R.T. -0.003 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 75 Resp: 26580

Ion Ratio Lower Upper

75 100

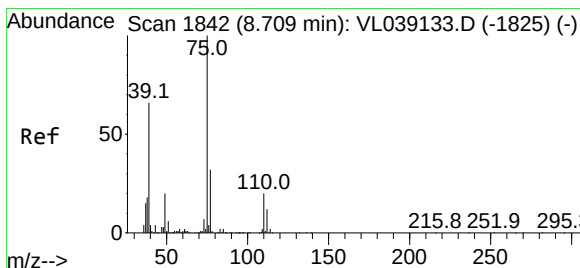
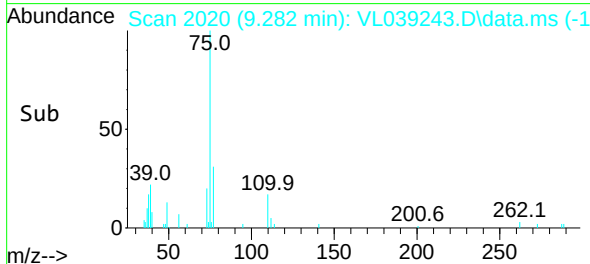
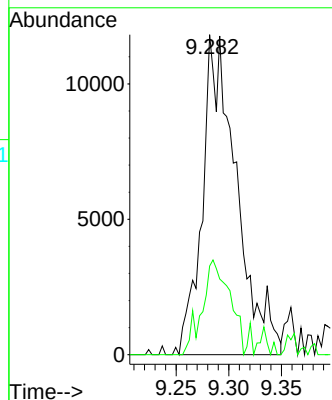
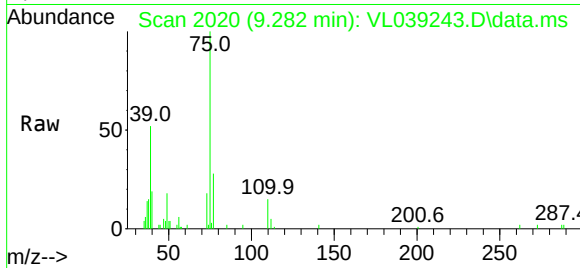
77 27.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#46

cis-1,3-Dichloropropene

Concen: 0.383 ppbv m

RT: 8.713 min Scan# 1843

Delta R.T. 0.003 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

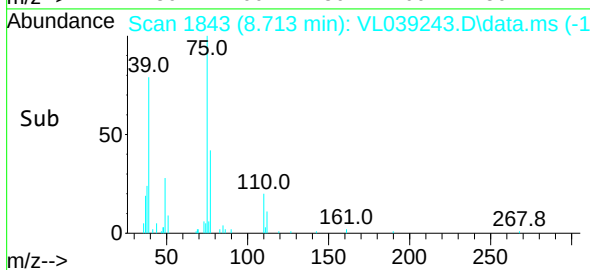
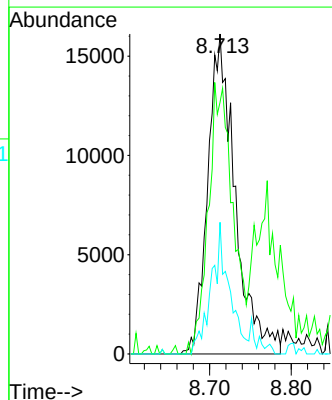
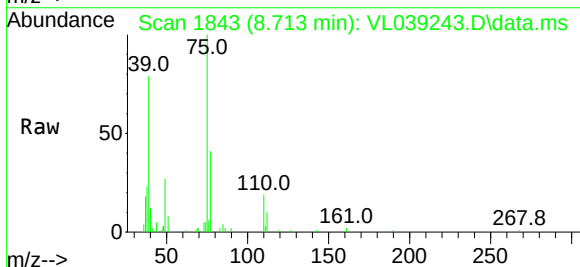
Tgt Ion: 75 Resp: 37446

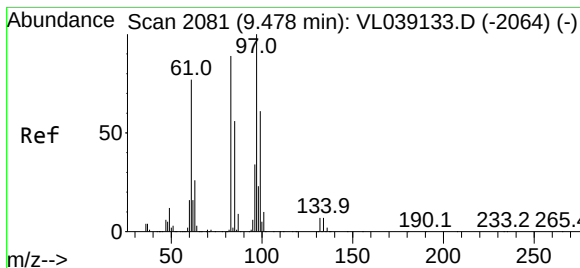
Ion Ratio Lower Upper

75 100

39 78.6 52.4 78.6#

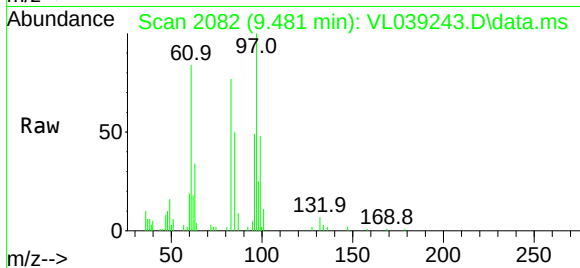
77 41.2 25.5 38.3#





#47
1,1,2-Trichloroethane
Concen: 0.475 ppbv m
RT: 9.481 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

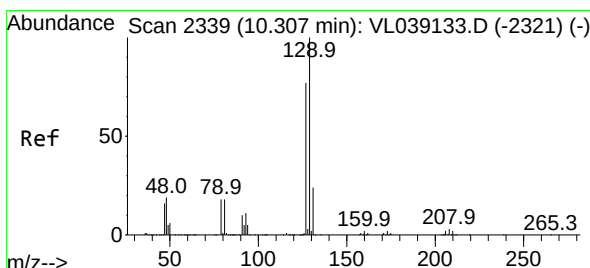
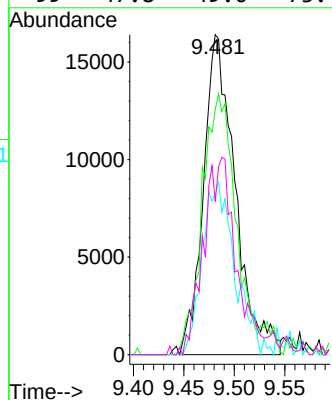
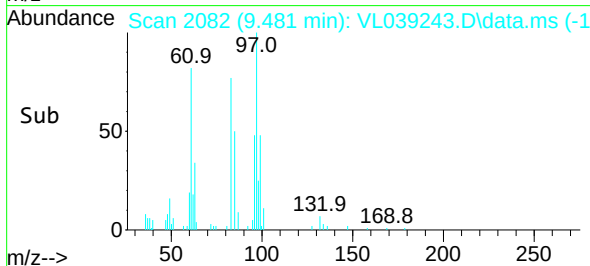
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 97 Resp: 35932
Ion Ratio Lower Upper
97 100
83 76.5 71.6 107.4
85 50.2 44.8 67.2
99 47.8 49.0 73.4#

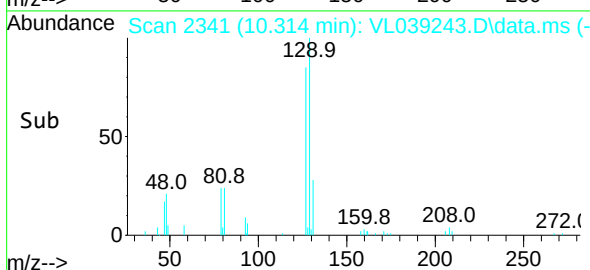
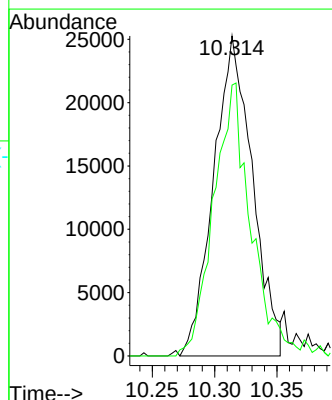
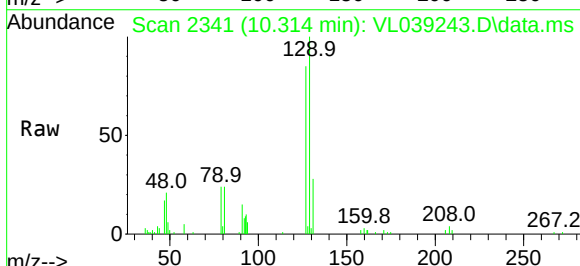
Manual Integrations
APPROVED

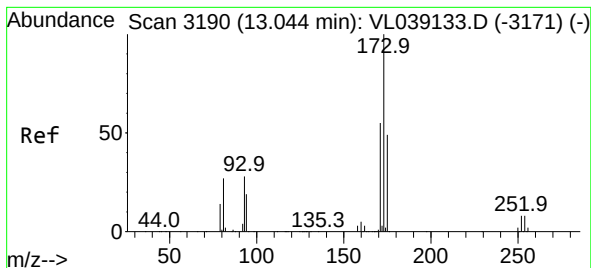
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#48
Dibromochloromethane
Concen: 0.406 ppbv
RT: 10.314 min Scan# 2341
Delta R.T. 0.007 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:129 Resp: 54833
Ion Ratio Lower Upper
129 100
127 82.6 40.0 119.9





#49

Bromoform

Concen: 0.373 ppbv m

RT: 13.050 min Scan# 3190

Delta R.T. 0.007 min

Lab File: VL039243.D

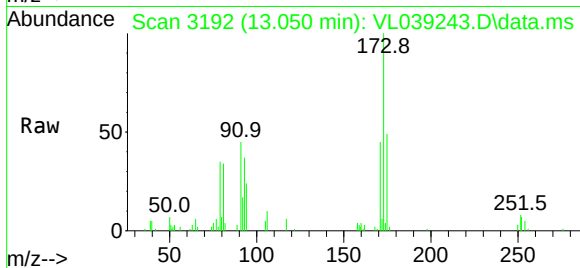
Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

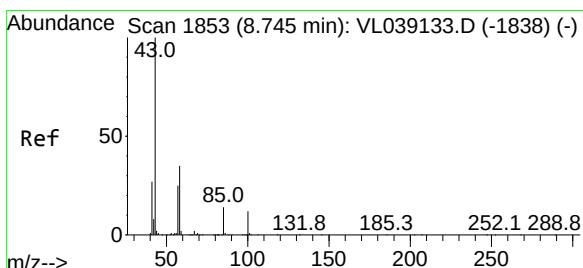
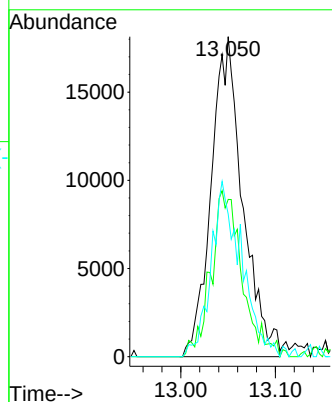
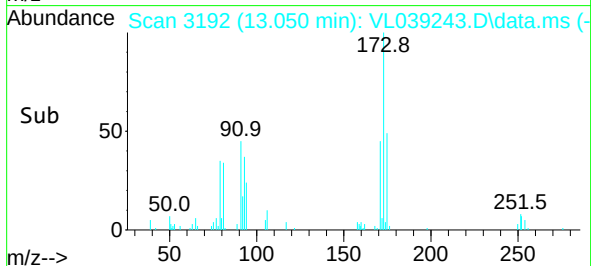


Tgt Ion:173	Resp:	4195
Ion Ratio	Lower	Upper
173	100	
175	51.3	40.2 60.2
171	53.2	43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#50

4-Methyl-2-Pentanone

Concen: 0.410 ppbv m

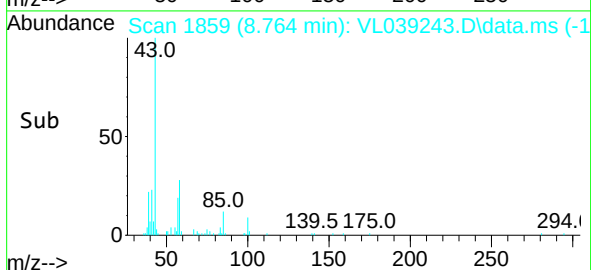
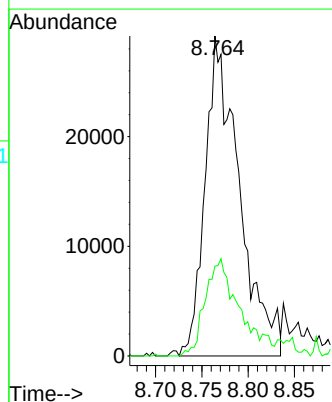
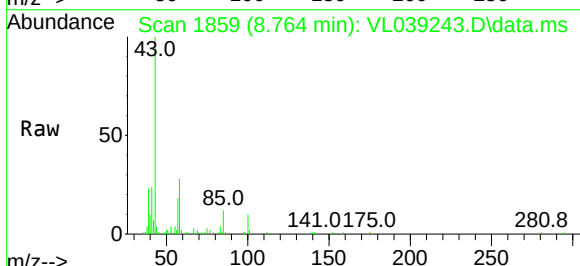
RT: 8.764 min Scan# 1859

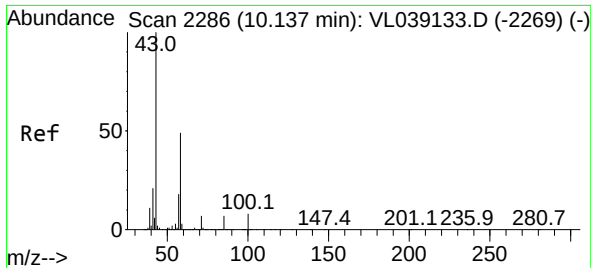
Delta R.T. 0.019 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

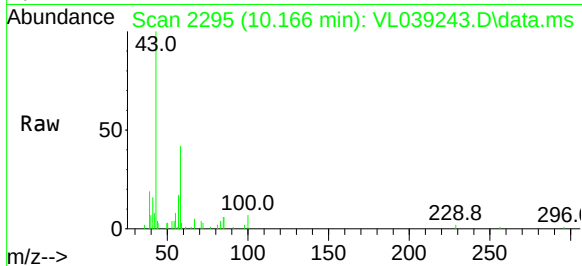
Tgt Ion: 43	Resp:	74797
Ion Ratio	Lower	Upper
43	100	
58	34.0	28.7 43.1





#51
2-Hexanone
Concen: 0.387 ppbv m
RT: 10.166 min Scan# 2286
Delta R.T. 0.029 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

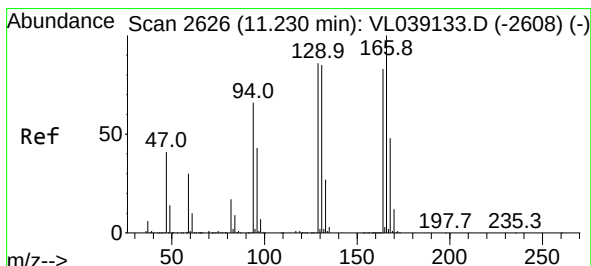
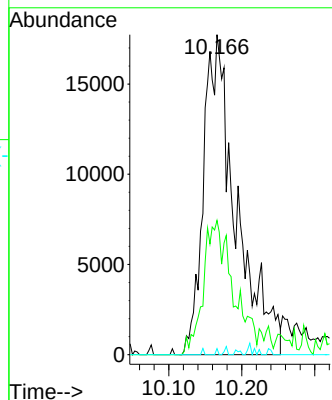
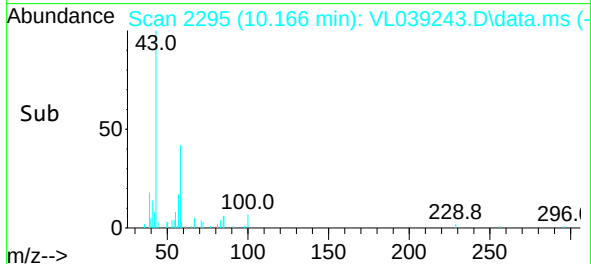
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 5504
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.0 0.1 0.1

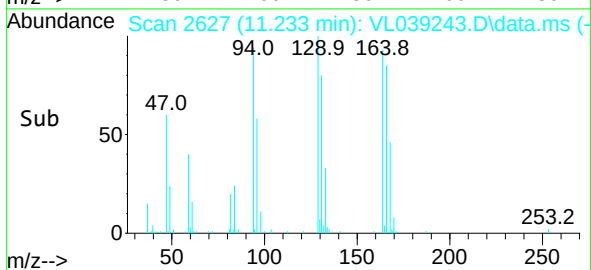
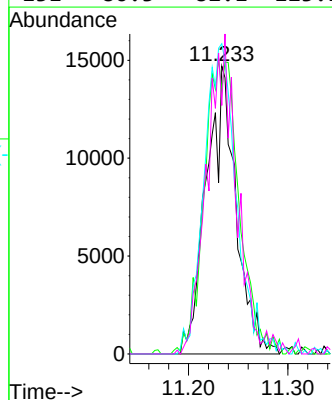
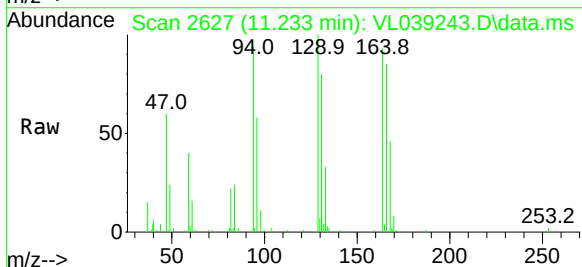
Manual Integrations
APPROVED

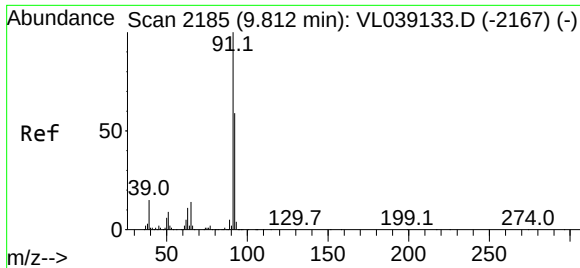
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#52
Tetrachloroethene
Concen: 0.429 ppbv m
RT: 11.233 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:164 Resp: 30515
Ion Ratio Lower Upper
164 100
166 91.9 96.3 144.5#
129 107.8 82.5 123.7
131 86.3 82.1 123.1





#53

Toluene

Concen: 0.376 ppbv

RT: 9.816 min Scan# 2185

Delta R.T. 0.003 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

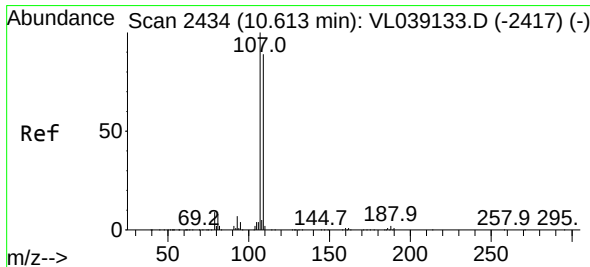
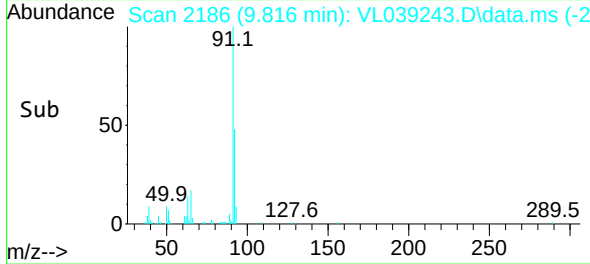
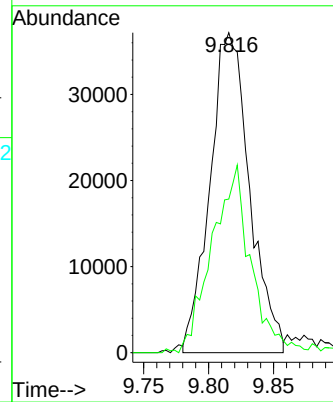
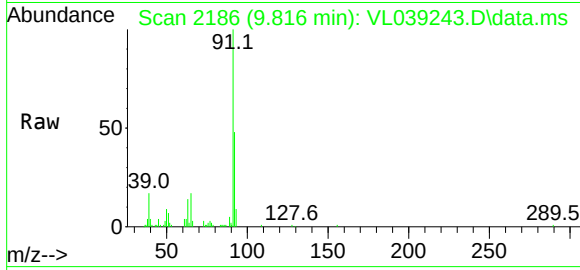
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 78968
 Ion Ratio Lower Upper
 91 100
 92 58.5 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#54

1,2-Dibromoethane

Concen: 0.414 ppbv

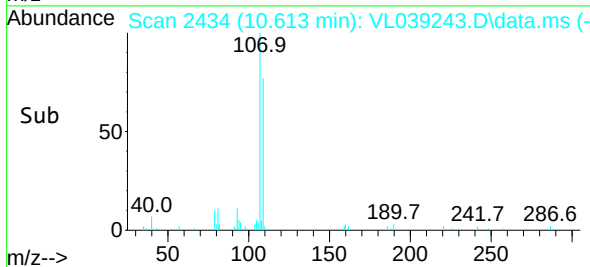
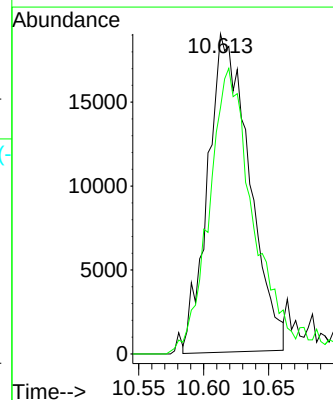
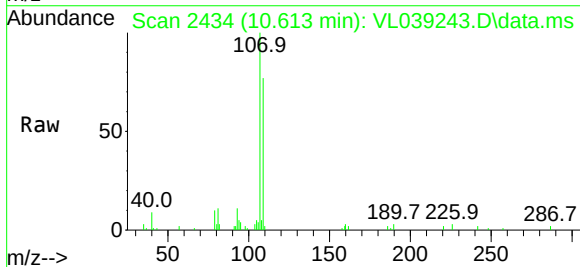
RT: 10.613 min Scan# 2434

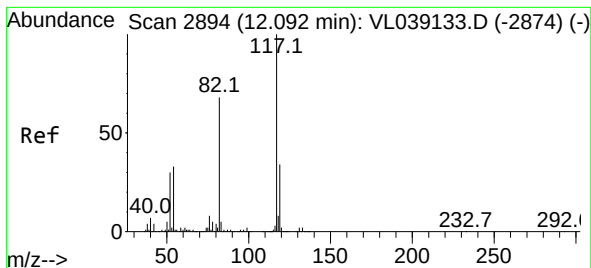
Delta R.T. 0.000 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Tgt Ion:107 Resp: 42122
 Ion Ratio Lower Upper
 107 100
 109 75.1 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.092 min Scan# 2894

Delta R.T. 0.000 min

Lab File: VL039243.D

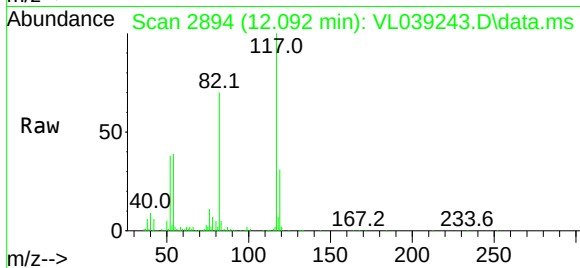
Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

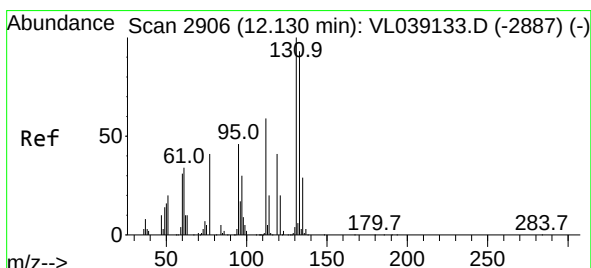
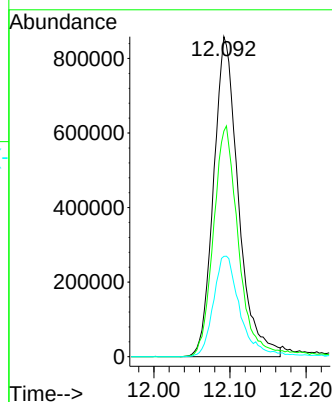
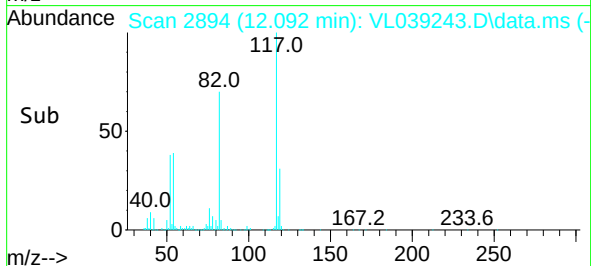


Tgt Ion	Ratio	Lower	Upper
117	100		
82	75.0	55.1	82.7
119	34.7	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 0.493 ppbv

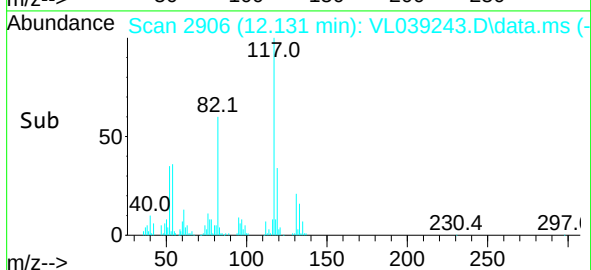
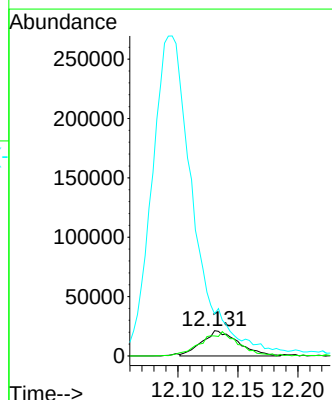
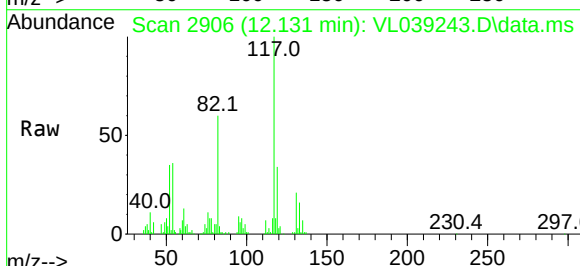
RT: 12.131 min Scan# 2906

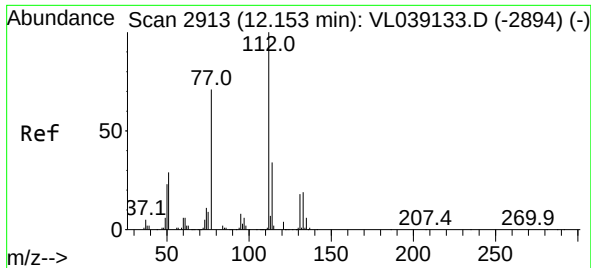
Delta R.T. 0.000 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

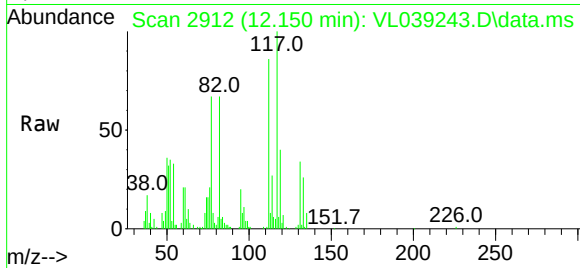
Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.4	78.6	117.8
119	0.0	51.7	77.5





#57
Chlorobenzene
Concen: 0.447 ppbv
RT: 12.150 min Scan# 2912
Delta R.T. -0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

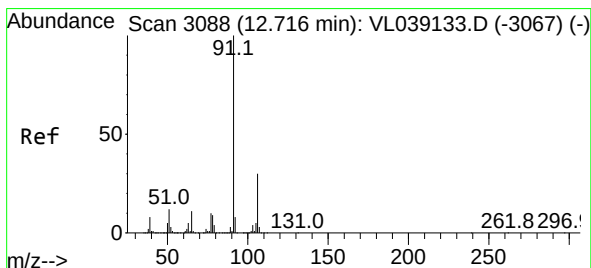
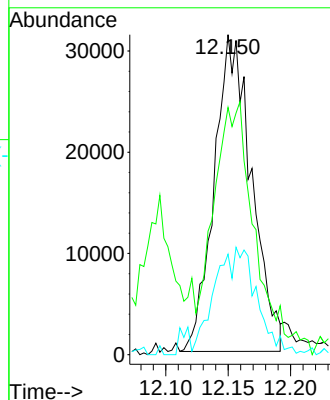
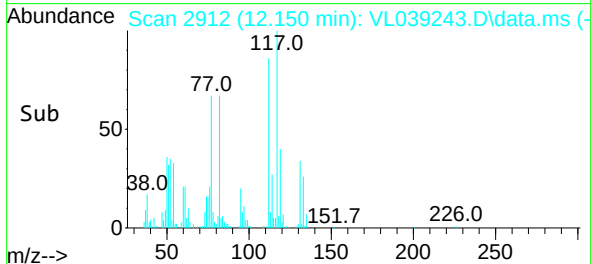
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



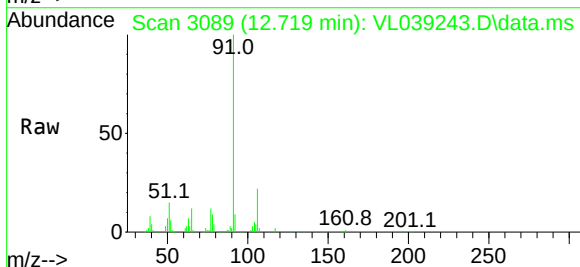
Tgt Ion: 112 Resp: 65319
Ion Ratio Lower Upper
112 100
77 62.6 56.5 84.7
114 32.2 30.3 37.1

Manual Integrations
APPROVED

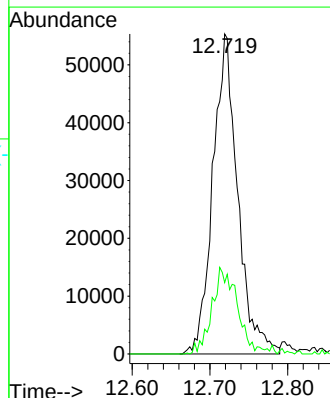
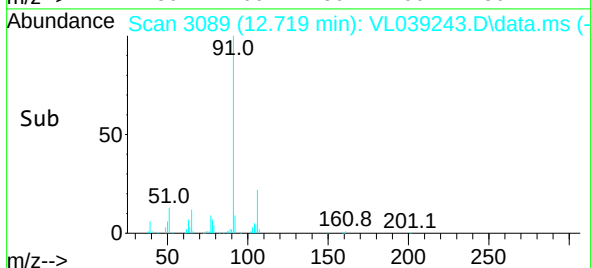
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

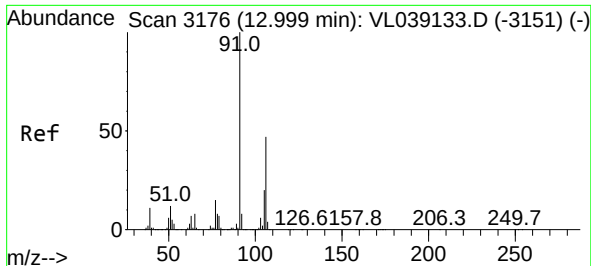


#58
Ethyl Benzene
Concen: 0.458 ppbv m
RT: 12.719 min Scan# 3089
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



Tgt Ion: 91 Resp: 122611
Ion Ratio Lower Upper
91 100
106 22.3 24.2 36.4#





#59

m/p-Xylene

Concen: 0.941 ppbv m

RT: 12.992 min Scan# 3176

Delta R.T. -0.006 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 221778

Ion Ratio Lower Upper

91 100

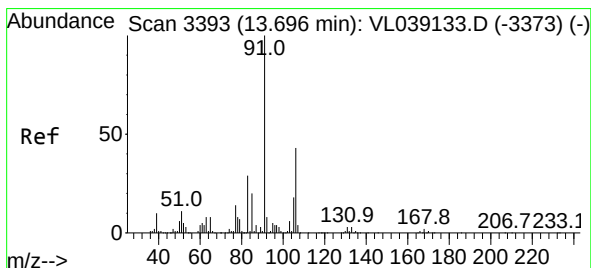
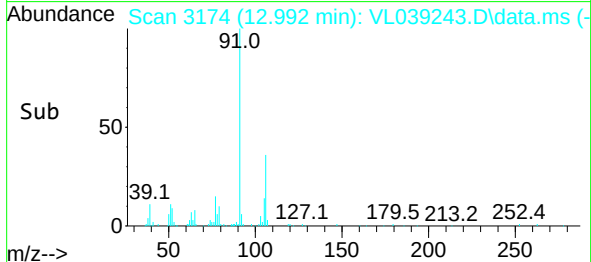
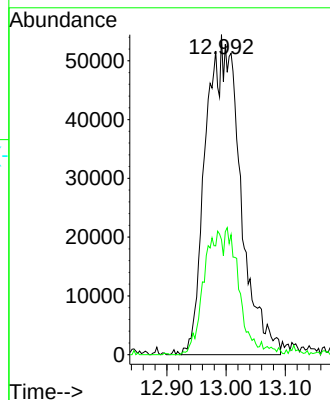
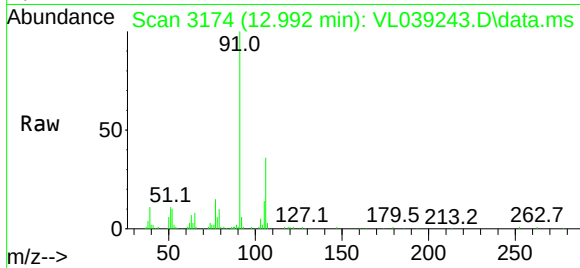
106 38.7 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#60

o-Xylene

Concen: 0.477 ppbv m

RT: 13.703 min Scan# 3395

Delta R.T. 0.007 min

Lab File: VL039243.D

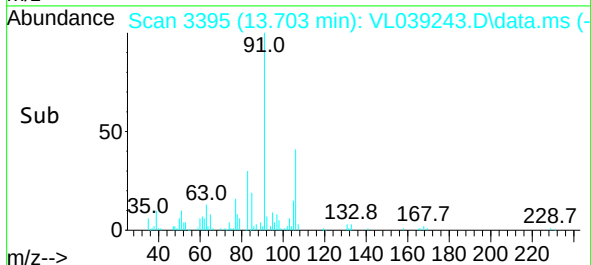
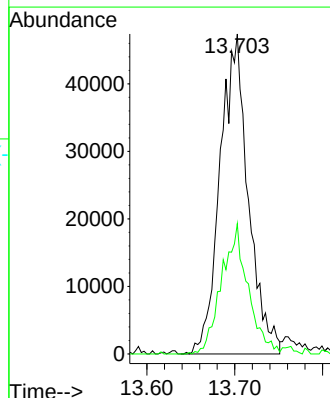
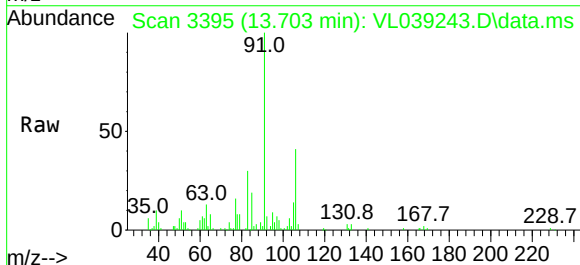
Acq: 8 Jun 2022 20:24

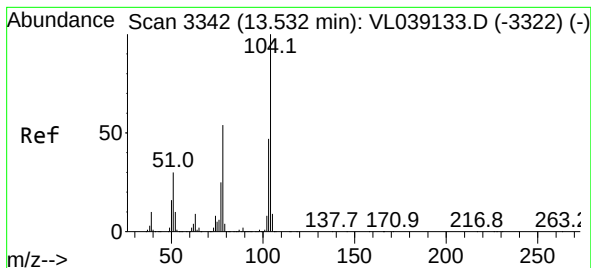
Tgt Ion: 91 Resp: 105607

Ion Ratio Lower Upper

91 100

106 39.6 22.3 66.9





#61

Styrene

Concen: 0.373 ppbv m

RT: 13.539 min Scan# 3342

Delta R.T. 0.007 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

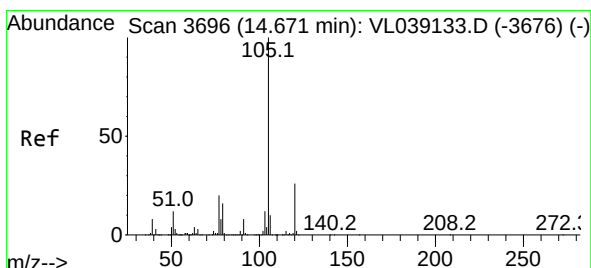
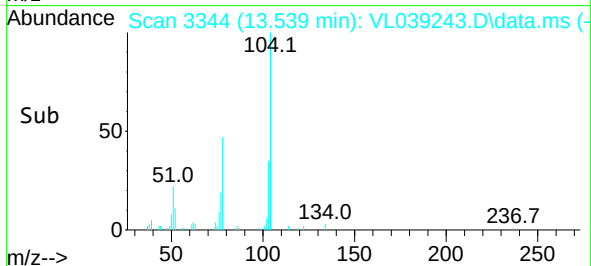
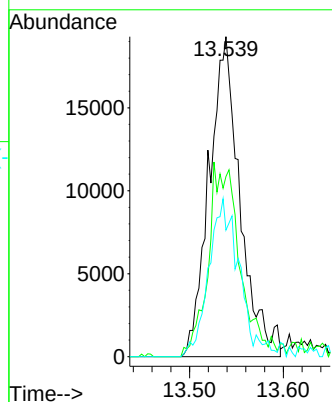
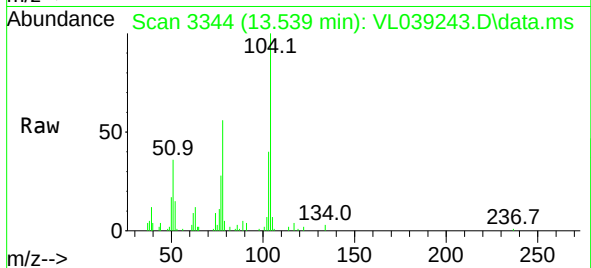
Tgt Ion:104	Resp:	4424
Ion Ratio	Lower	Upper
104	100	
78	0.0	45.7
103	50.2	39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#62

Isopropylbenzene

Concen: 0.495 ppbv m

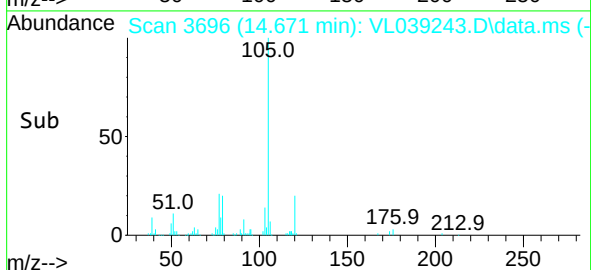
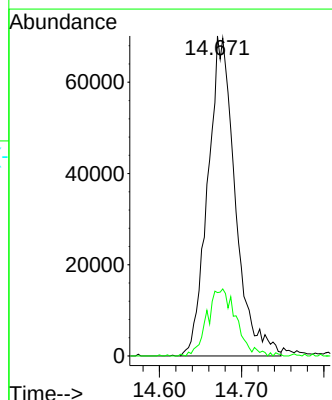
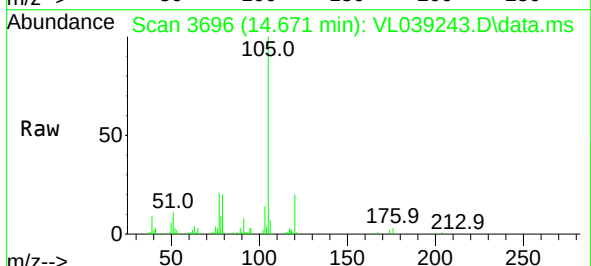
RT: 14.671 min Scan# 3696

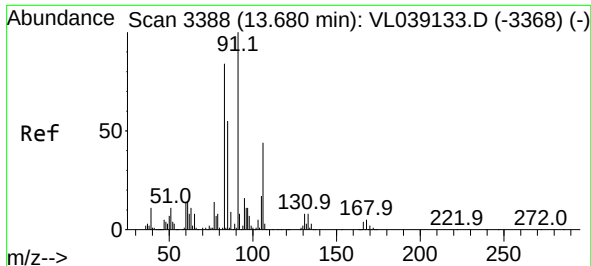
Delta R.T. 0.000 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

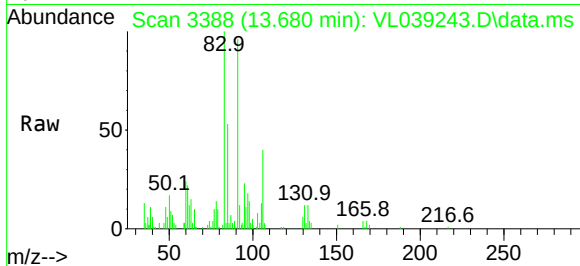
Tgt Ion:105	Resp:	162805
Ion Ratio	Lower	Upper
105	100	
120	22.7	20.3





#63
1,1,2-Tetrachloroethane
Concen: 0.475 ppbv m
RT: 13.680 min Scan# 3388
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

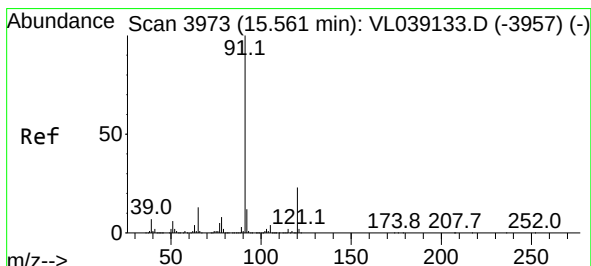
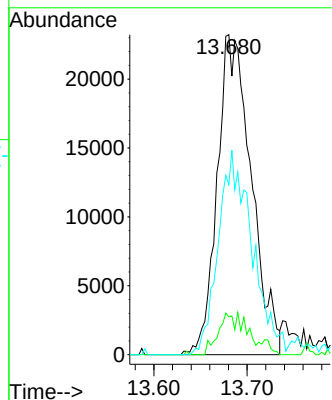
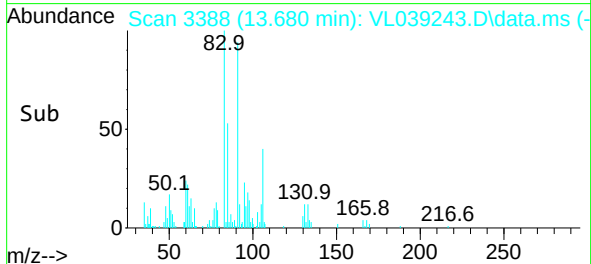
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



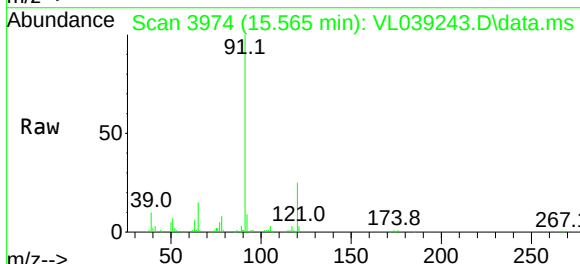
Tgt Ion: 83 Resp: 59014
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 0.0 33.0 99.0

Manual Integrations
APPROVED

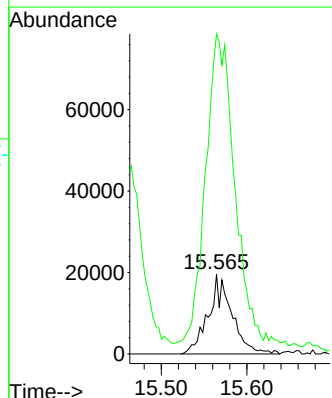
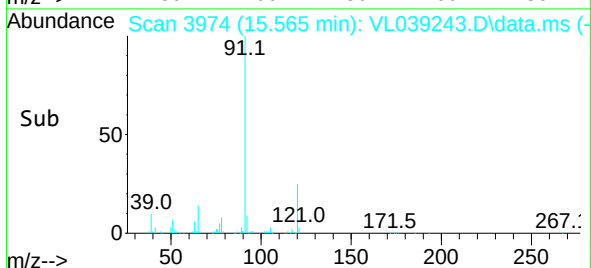
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

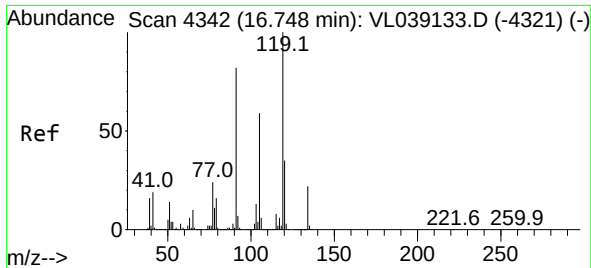


#64
n-propylbenzene
Concen: 0.459 ppbv m
RT: 15.565 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



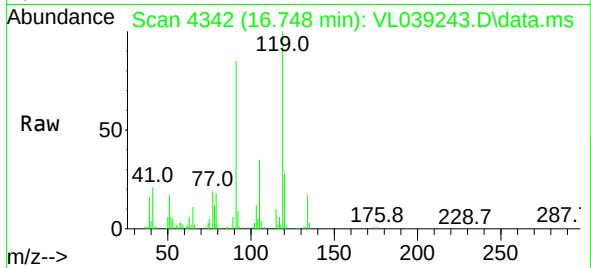
Tgt Ion:120 Resp: 37115
Ion Ratio Lower Upper
120 100
91 546.8 388.4 582.6





#65
tert-Butylbenzene
Concen: 0.440 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

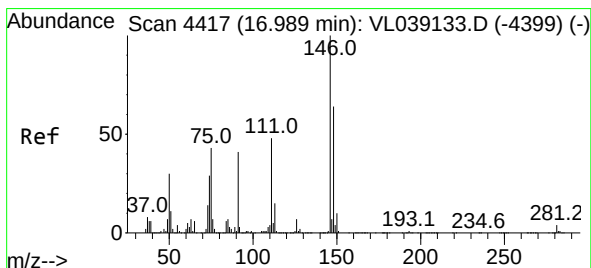
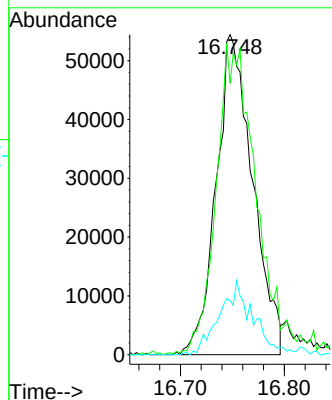
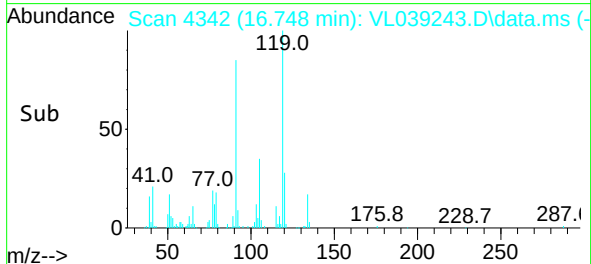
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



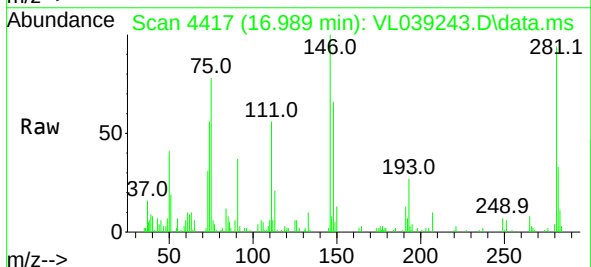
Tgt Ion: 119 Resp: 13256
Ion Ratio Lower Upper
119 100
91 110.8 67.1 100.7
134 21.9 15.8 23.8

Manual Integrations
APPROVED

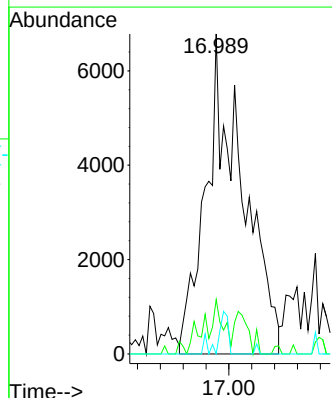
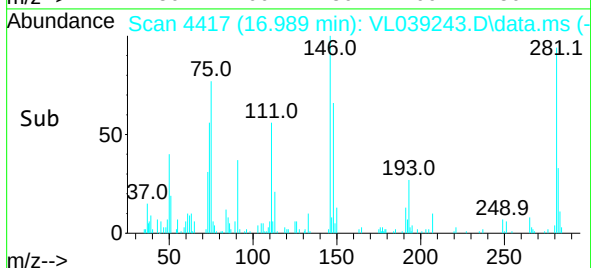
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

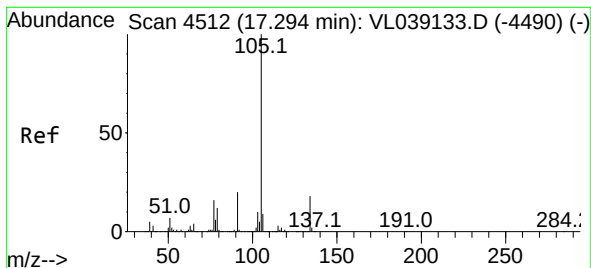


#66
Benzyl Chloride
Concen: 0.383 ppbv m
RT: 16.989 min Scan# 4417
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



Tgt Ion: 91 Resp: 14991
Ion Ratio Lower Upper
91 100
126 13.7 13.4 20.0
128 3.6 4.1 6.1





#67

sec-Butylbenzene

Concen: 0.452 ppbv

RT: 17.301 min Scan# 4512

Delta R.T. 0.007 min

Lab File: VL039243.D

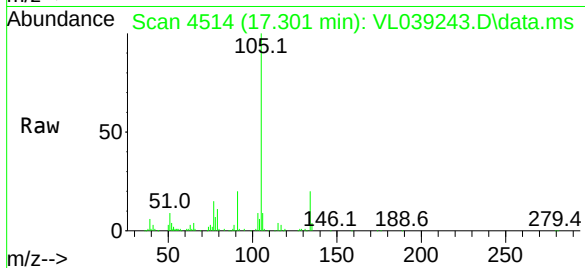
Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 105 Resp: 18572

Ion Ratio Lower Upper

105 100

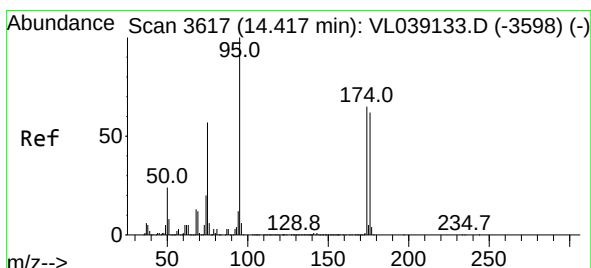
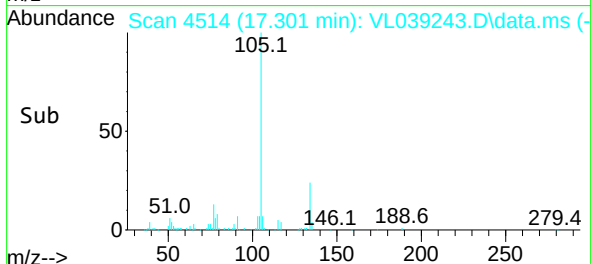
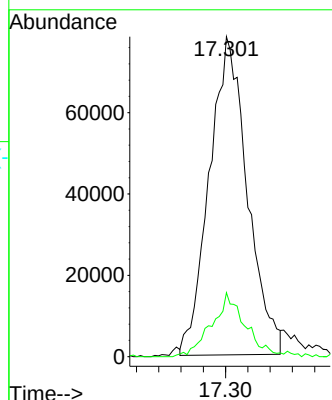
134 18.0 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 11.056 ppbv

RT: 14.420 min Scan# 3618

Delta R.T. 0.003 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

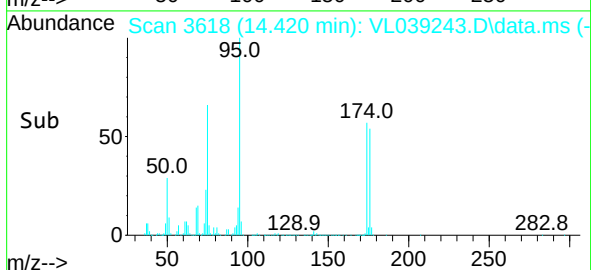
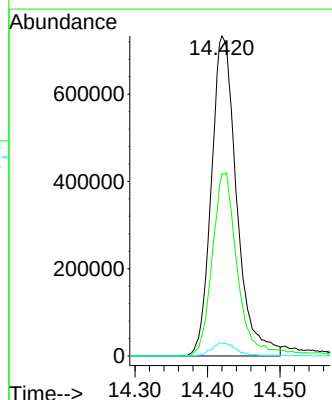
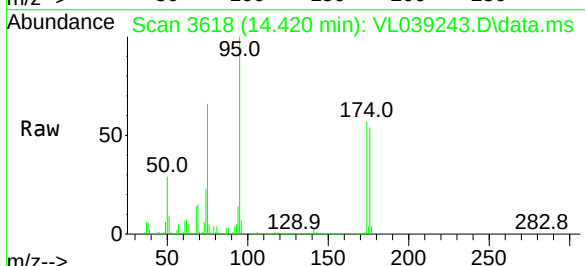
Tgt Ion: 95 Resp: 1776295

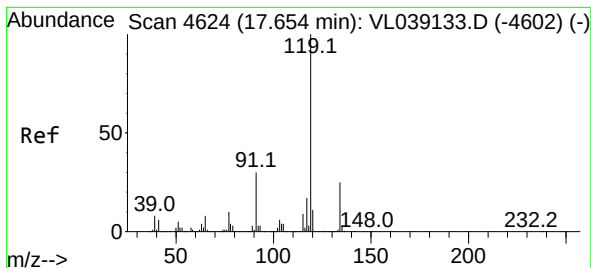
Ion Ratio Lower Upper

95 100

174 58.8 53.8 80.8

175 4.3 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.435 ppbv

RT: 17.661 min Scan# 4626

Delta R.T. 0.007 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

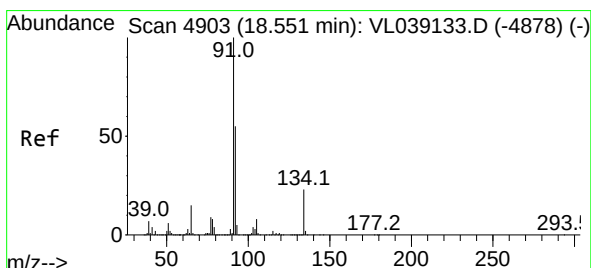
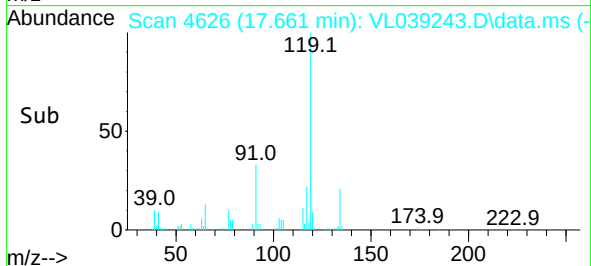
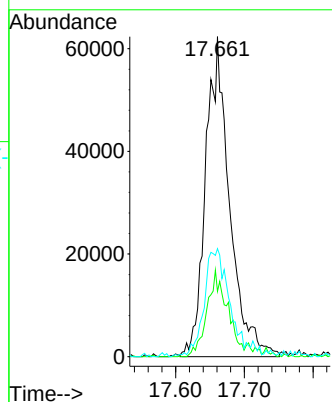
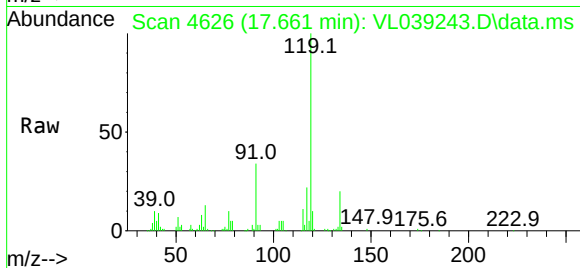
Tgt Ion: 119 Resp: 150910

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6
91	0.0	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#70

n-Butylbenzene

Concen: 0.447 ppbv

RT: 18.558 min Scan# 4905

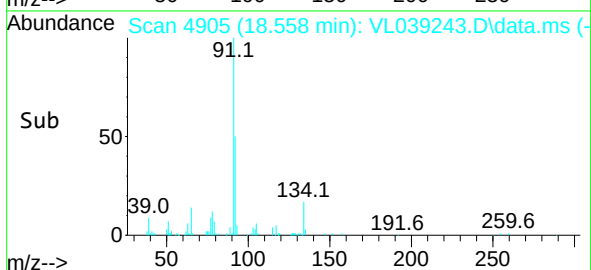
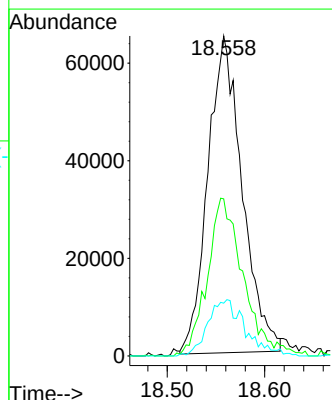
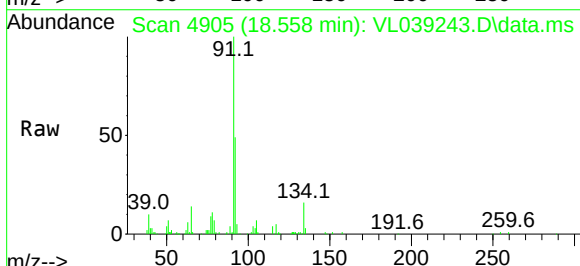
Delta R.T. 0.007 min

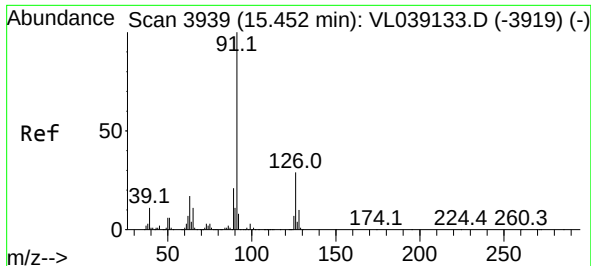
Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Tgt Ion: 91 Resp: 159114

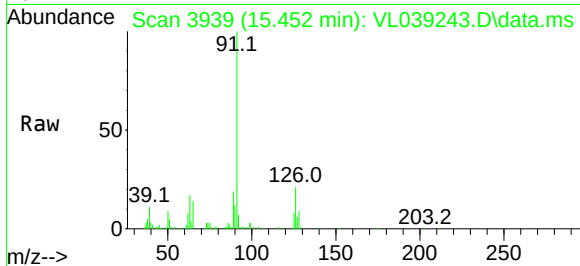
Ion	Ratio	Lower	Upper
91	100		
92	52.2	43.6	65.4
134	19.4	17.7	26.5





#71
2-Chlorotoluene
Concen: 0.462 ppbv m
RT: 15.452 min Scan# 3939
Delta R.T. 0.000 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

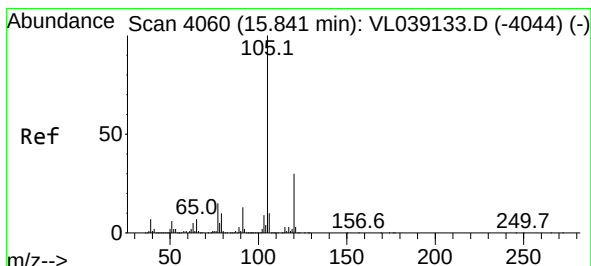
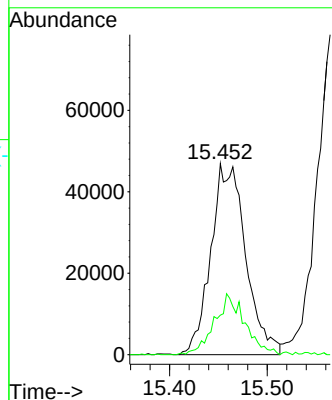
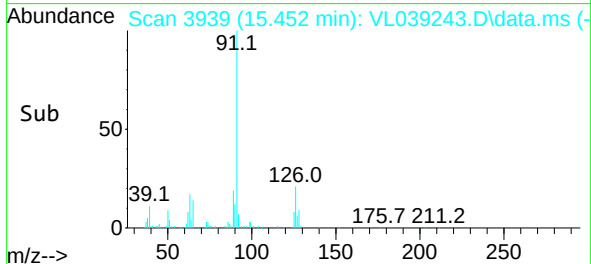
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



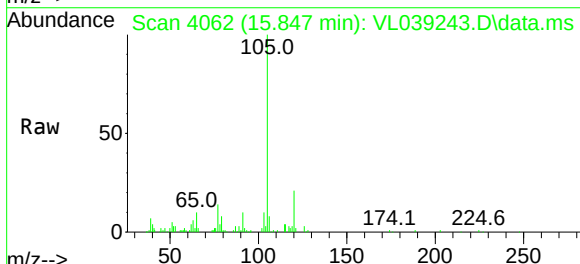
Tgt Ion: 91 Resp: 116088
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.6

Manual Integrations
APPROVED

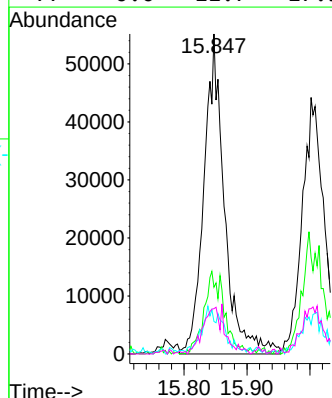
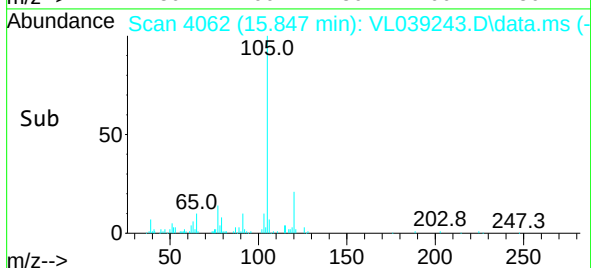
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

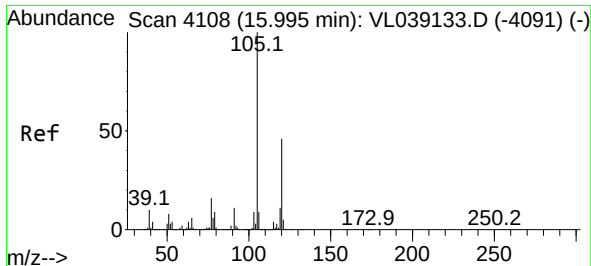


#72
4-Ethyltoluene
Concen: 0.482 ppbv m
RT: 15.847 min Scan# 4062
Delta R.T. 0.007 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



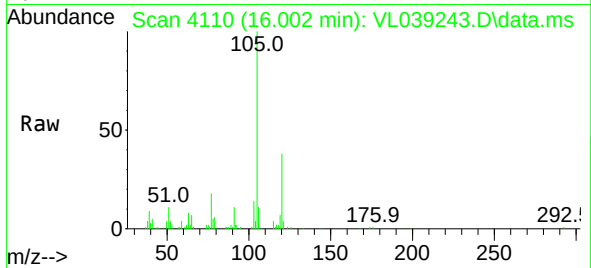
Tgt Ion:105 Resp: 125007
Ion Ratio Lower Upper
105 100
120 0.0 23.9 35.9#
91 16.5 10.6 16.0#
77 0.0 11.7 17.5#





#73
1,3,5-Trimethylbenzene
Concen: 0.467 ppbv m
RT: 16.002 min Scan# 4110
Delta R.T. 0.007 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

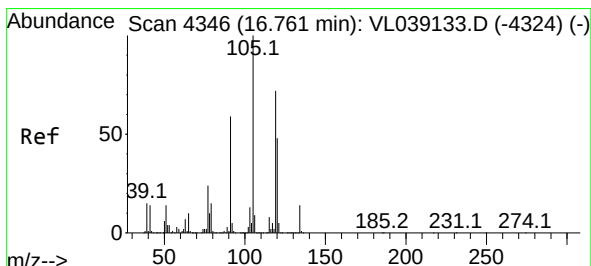
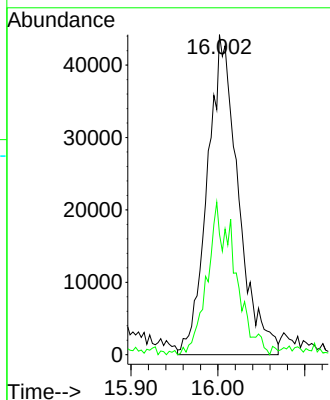
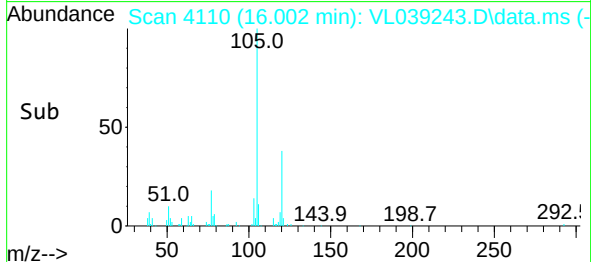
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



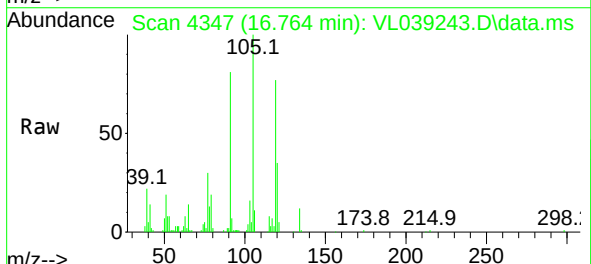
Tgt Ion:105 Resp: 10940
Ion Ratio Lower Upper
105 100
120 37.7 36.7 55.1

Manual Integrations
APPROVED

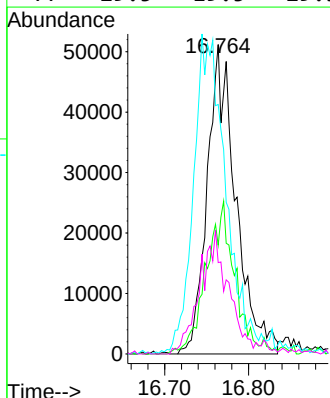
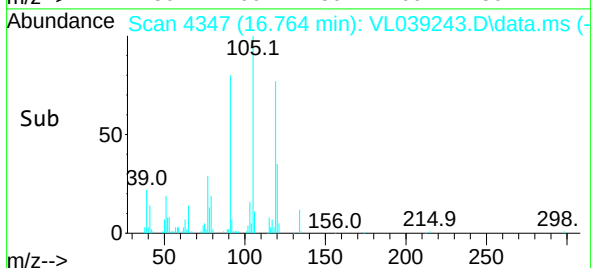
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

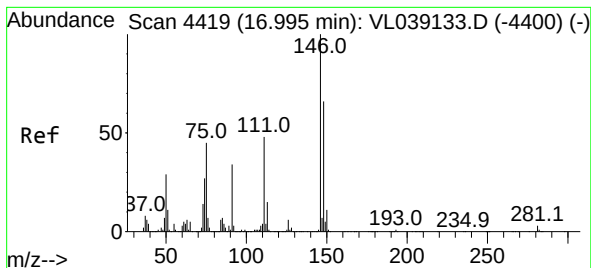


#74
1,2,4-Trimethylbenzene
Concen: 0.464 ppbv m
RT: 16.764 min Scan# 4347
Delta R.T. 0.003 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24



Tgt Ion:105 Resp: 121125
Ion Ratio Lower Upper
105 100
120 35.1 38.1 57.1#
91 80.6 47.4 71.0#
77 29.5 19.5 29.3#





#75

1,3-Dichlorobenzene

Concen: 0.489 ppbv m

RT: 17.005 min Scan# 4419

Delta R.T. 0.010 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

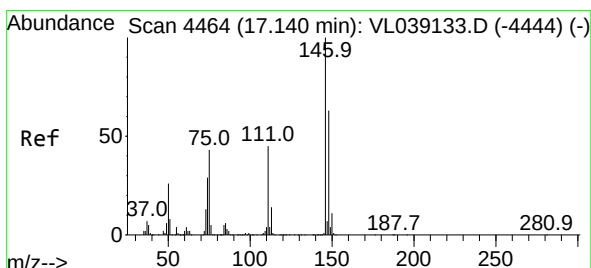
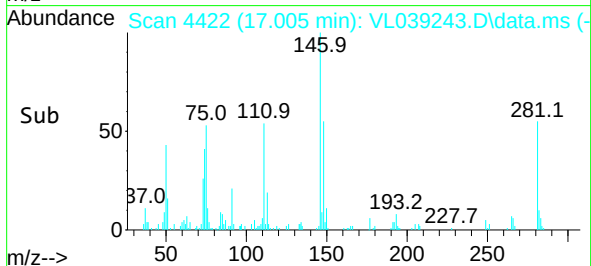
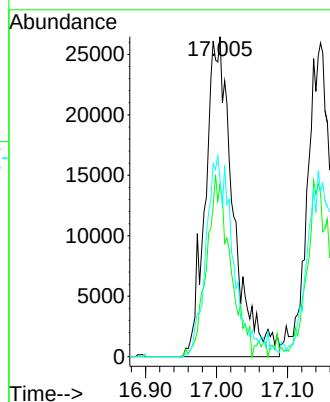
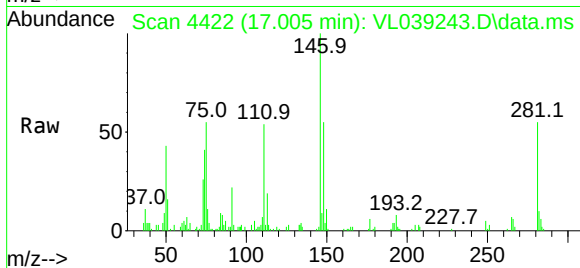
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:146	Resp:	72300
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.8
148	0.0	32.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#76

1,4-Dichlorobenzene

Concen: 0.460 ppbv m

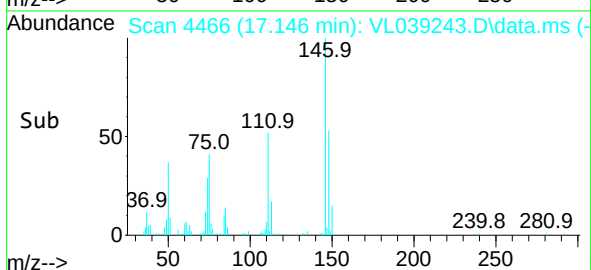
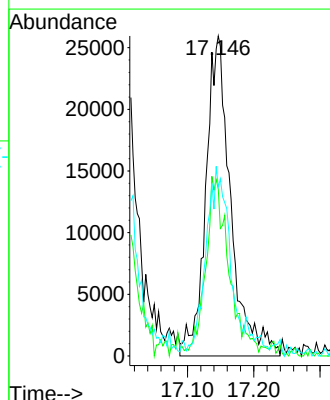
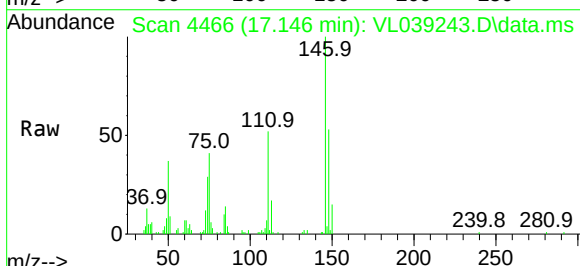
RT: 17.146 min Scan# 4466

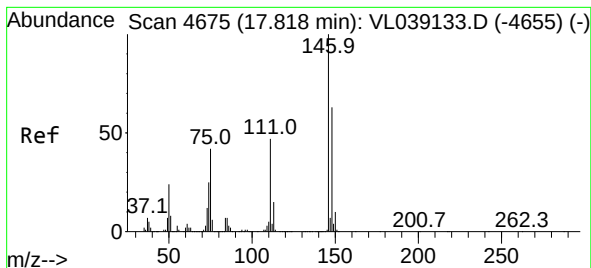
Delta R.T. 0.007 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Tgt Ion:146	Resp:	67922
Ion Ratio	Lower	Upper
146	100	
111	53.8	23.6
148	0.0	33.7





#77

1,2-Dichlorobenzene

Concen: 0.469 ppbv m

RT: 17.825 min Scan# 4675

Delta R.T. 0.007 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

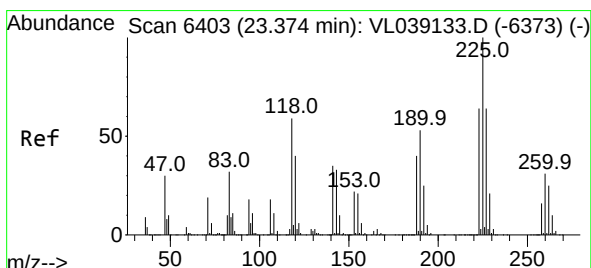
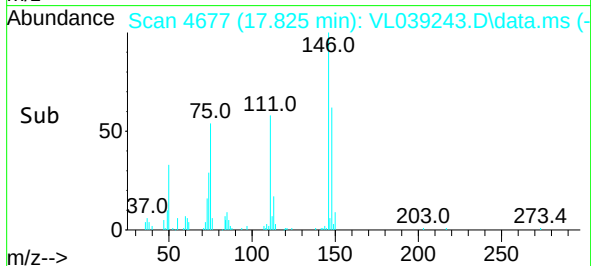
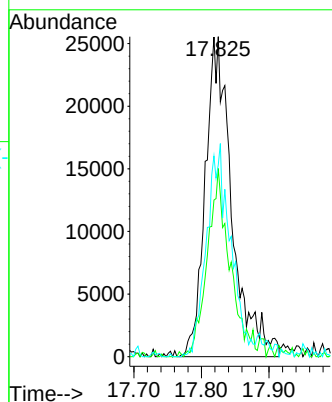
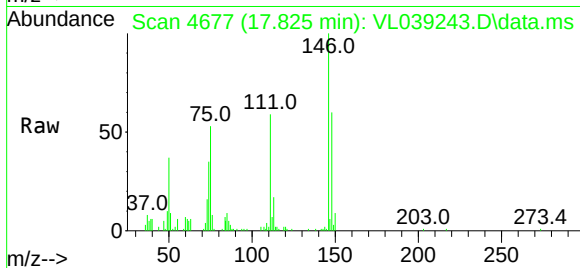
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	146	Resp:	6991
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.4	73.4
148	0.0	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.540 ppbv m

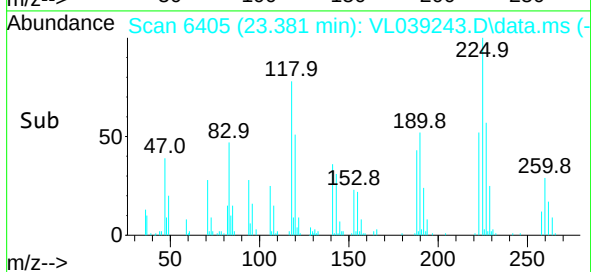
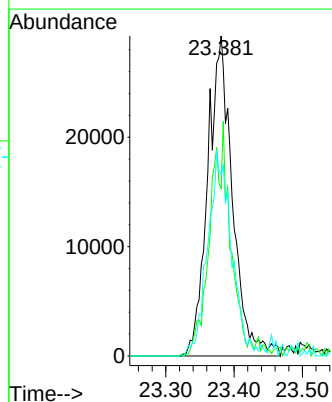
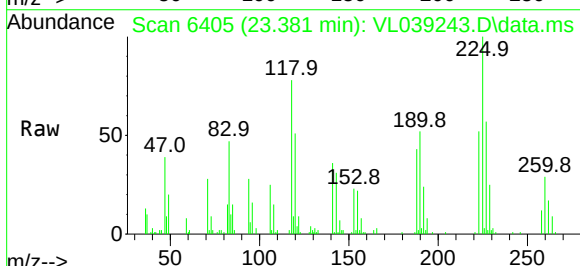
RT: 23.381 min Scan# 6405

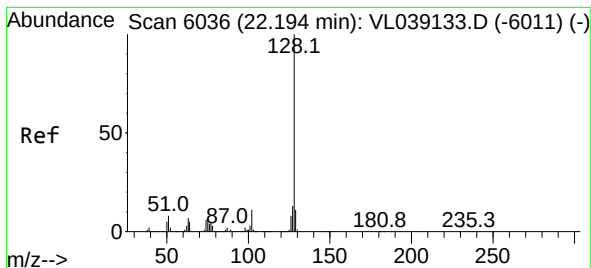
Delta R.T. 0.007 min

Lab File: VL039243.D

Acq: 8 Jun 2022 20:24

Tgt Ion:	225	Resp:	73618
Ion Ratio	Lower	Upper	
225	100		
223	62.3	51.4	77.0
227	61.3	50.6	75.8





#79

Naphthalene

Concen: 0.364 ppbv m

RT: 22.211 min Scan# 6036

Delta R.T. 0.016 min

Lab File: VL039243.D

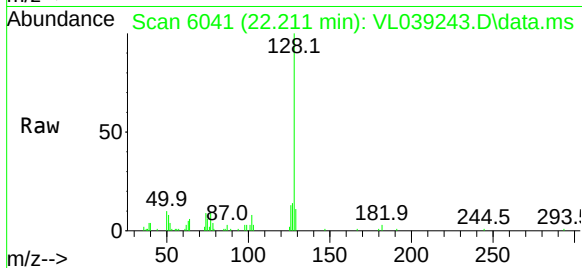
Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

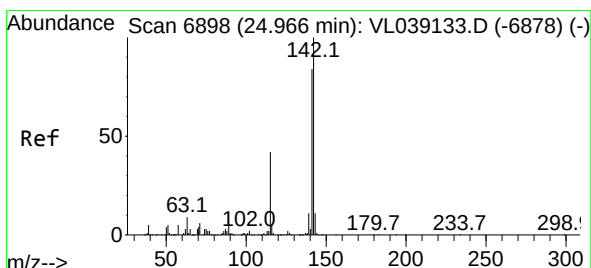
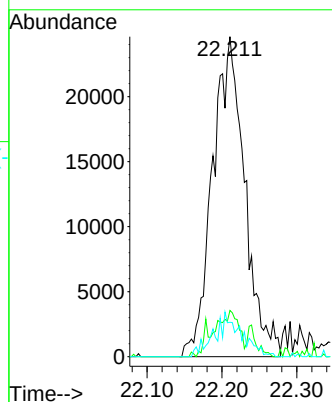
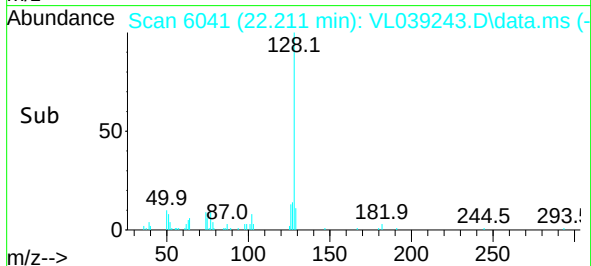


Tgt Ion:	128	Resp:	73290
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.4	15.6
129	10.8	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#80

Naphthalene,2-methyl-

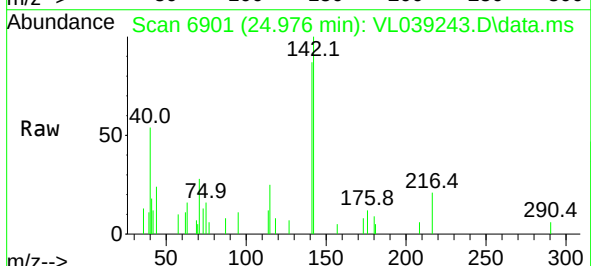
Concen: 0.178 ppbv m

RT: 24.976 min Scan# 6901

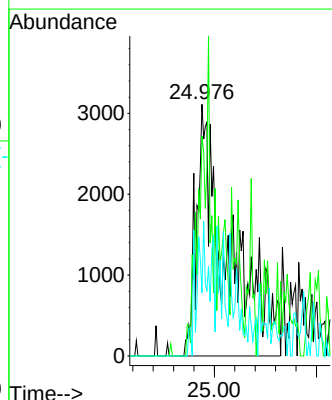
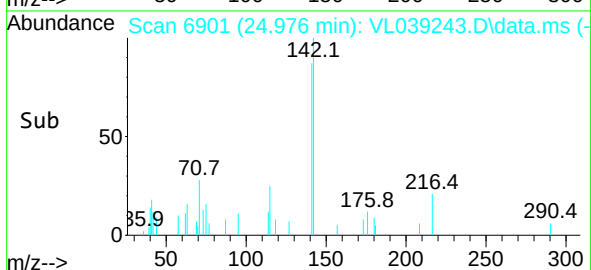
Delta R.T. 0.010 min

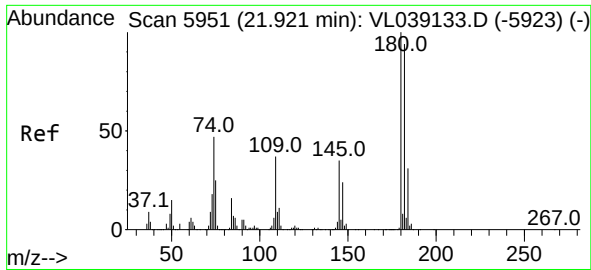
Lab File: VL039243.D

Acq: 8 Jun 2022 20:24



Tgt Ion:	142	Resp:	13266
Ion Ratio	Lower	Upper	
142	100		
141	56.8	64.6	96.8
115	35.9	32.7	49.1





#81

1,2,4-Trichlorobenzene

Concen: 0.373 ppbv m

RT: 21.931 min Scan# 5954

Delta R.T. 0.010 min

Lab File: VL039243.D

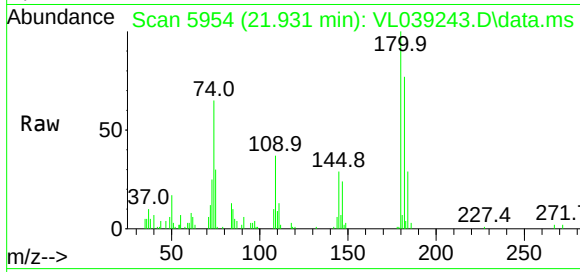
Acq: 8 Jun 2022 20:24

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion:180 Resp: 47510

Ion Ratio Lower Upper

180 100

182 94.5 0.0 0.0

184 34.5 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022

