

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040539.D
 Acq On : 14 Jul 2023 23:23
 Operator : SY/MD
 Sample : 03572-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 16 23:35:20 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 11 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	905970	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.648	114	2390637	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.465	117	2105319	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1709648	10.261	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.729	85	92380	0.510	ppbv	94
3) Chlorodifluoromethane	2.674	51	69483	0.484	ppbv	98
4) Chloromethane	2.816	50	27978	0.492	ppbv #	84
5) Vinyl Chloride	2.922	62	27017	0.452	ppbv	98
6) Bromomethane	3.118	94	13254	0.526	ppbv #	77
7) Chloroethane	3.202	64	11145m	0.532	ppbv	
8) Dichlorotetrafluoroethane	2.858	85	74437	0.499	ppbv	95
9) Propene	2.694	41	23346	0.475	ppbv	98
10) Heptane	7.578	43	42295m	0.390	ppbv	
11) Trichlorofluoromethane	3.562	101	73750	0.504	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.067	101	52344	0.508	ppbv	100
13) Ethanol	3.266	45	6102m	0.570	ppbv	
14) Bromoethene	3.366	108	21792m	0.492	ppbv	
15) Acetone	3.485	43	53174	0.510	ppbv	89
16) 1,3-Butadiene	2.983	39	25470m	0.484	ppbv	
17) tert-Butyl alcohol	3.890	59	49663m	0.460	ppbv	
18) 1,1-Dichloroethene	3.880	96	21223	0.448	ppbv	95
19) Isopropyl Alcohol	3.597	45	26863	0.449	ppbv #	85
20) Methylene Chloride	3.932	84	24150	0.544	ppbv	89
21) Allyl Chloride	3.993	41	24606	0.413	ppbv #	81
22) trans-1,2-Dichloroethene	4.446	96	21467m	0.460	ppbv	
23) Vinyl Acetate	4.632	43	40237	0.405	ppbv #	94
24) 1,1-Dichloroethane	4.565	63	48444	0.480	ppbv	99
25) Ethyl Acetate	5.208	43	88652m	0.447	ppbv	
26) Hexane	5.218	57	36584	0.397	ppbv #	77
27) Carbon Disulfide	4.124	76	38071	0.351	ppbv #	86
28) Methyl tert-Butyl Ether	4.594	73	34605	0.466	ppbv	95
29) Chloroform	5.269	83	70725	0.462	ppbv	98
30) Cyclohexane	6.600	84	35104m	0.457	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	38070m	0.418	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	65364	0.437	ppbv	93
34) 2-Butanone	4.800	43	57299m	0.485	ppbv	
35) Carbon Tetrachloride	6.494	117	65051	0.452	ppbv	97
36) Benzene	6.365	78	82628	0.430	ppbv	96
37) 1,2-Dichloroethane	5.809	62	54520m	0.482	ppbv	
38) Trichloroethene	7.288	130	30553	0.420	ppbv #	88
39) 1,2-Dichloropropane	7.070	63	31840	0.430	ppbv	88
40) 1,4-Dioxane	7.314	88	9437m	0.407	ppbv	
41) Tetrahydrofuran	5.581	42	25362m	0.368	ppbv	
42) Bromodichloromethane	7.247	83	65152	0.414	ppbv	96
43) Methyl Methacrylate	7.478	69	24793m	0.344	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	122861	0.397	ppbv #	93
45) t-1,3-Dichloropropene	8.706	75	13179m	0.285	ppbv	

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Quant Time: Jul 16 23:35:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	19032m	0.321	ppbv	
47) 1,1,2-Trichloroethane	8.899	97	34174	0.418	ppbv #	84
48) Dibromochloromethane	9.706	129	42386	0.336	ppbv	92
49) Bromoform	12.407	173	29892	0.298	ppbv	92
50) 4-Methyl-2-Pentanone	8.195	43	61659m	0.359	ppbv	
51) 2-Hexanone	9.568	43	33856m	0.279	ppbv	
52) Tetrachloroethene	10.619	164	27164m	0.436	ppbv	
53) Toluene	9.221	91	63160	0.302	ppbv	99
54) 1,2-Dibromoethane	10.005	107	41076m	0.404	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.500	131	42651m	0.452	ppbv	
57) Chlorobenzene	11.523	112	78013	0.475	ppbv	92
58) Ethyl Benzene	12.089	91	86639	0.328	ppbv	97
59) m/p-Xylene	12.368	91	170421m	0.723	ppbv	
60) o-Xylene	13.053	91	79560	0.354	ppbv	98
61) Styrene	12.896	104	26451m	0.255	ppbv	
62) Isopropylbenzene	14.028	105	130391	0.387	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.047	83	77070	0.490	ppbv	99
64) n-propylbenzene	14.921	120	31459m	0.361	ppbv	
65) tert-Butylbenzene	16.095	119	110626	0.371	ppbv	89
66) Benzyl Chloride	16.320	91	8138m	0.386	ppbv	
67) sec-Butylbenzene	16.635	105	167977	0.384	ppbv	97
69) p-Isopropyltoluene	16.999	119	130976m	0.362	ppbv	
70) n-Butylbenzene	17.892	91	141478	0.351	ppbv	97
71) 2-Chlorotoluene	14.799	91	90330	0.348	ppbv	99
72) 4-Ethyltoluene	15.192	105	86959	0.330	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.352	105	83485m	0.360	ppbv	
74) 1,2,4-Trimethylbenzene	16.105	105	106624	0.394	ppbv	96
75) 1,3-Dichlorobenzene	16.336	146	72159m	0.440	ppbv	
76) 1,4-Dichlorobenzene	16.471	146	67112	0.417	ppbv	93
77) 1,2-Dichlorobenzene	17.150	146	68919m	0.439	ppbv	
78) Hexachloro-1,3-Butadiene	22.635	225	67556m	0.458	ppbv	
79) Naphthalene	21.394	128	66324m	0.290	ppbv	
80) Naphthalene,2-methyl-	24.368	142	10542m	0.112	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	51317m	0.325	ppbv	

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

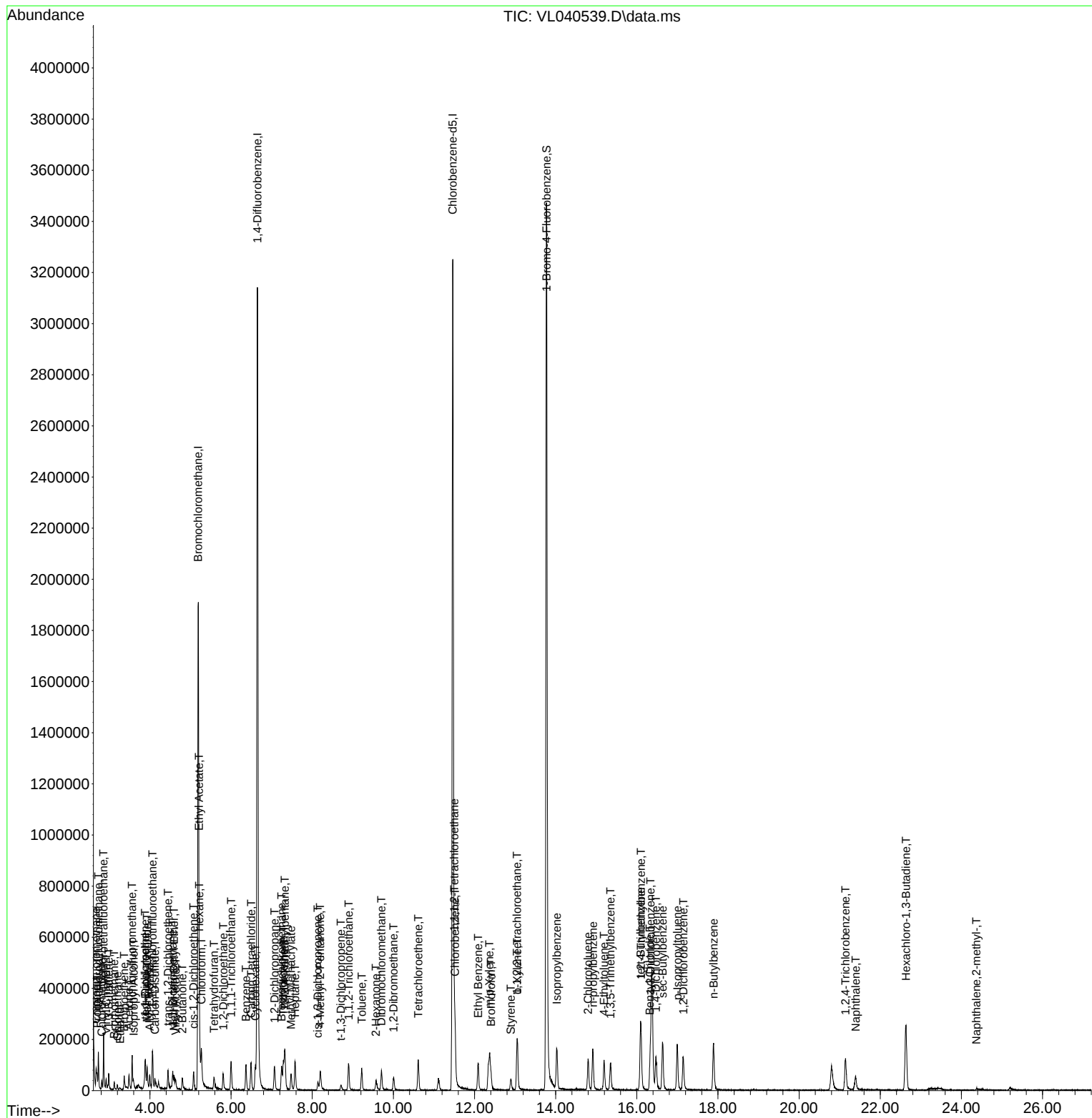
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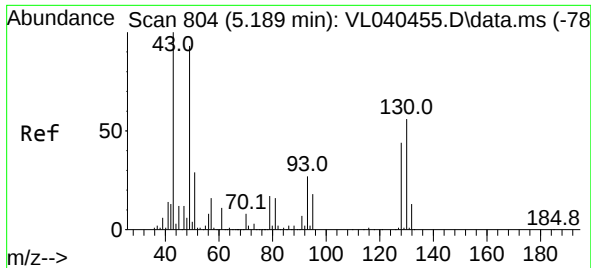
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 16 23:35:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Manual Integrations
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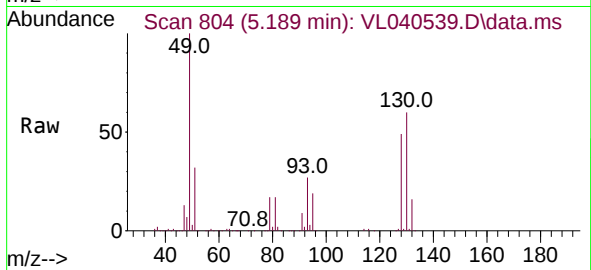
Reviewed By : Semsettin Yesilyurt 07/17/2023
Supervised By : Mahesh Dadoda 07/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

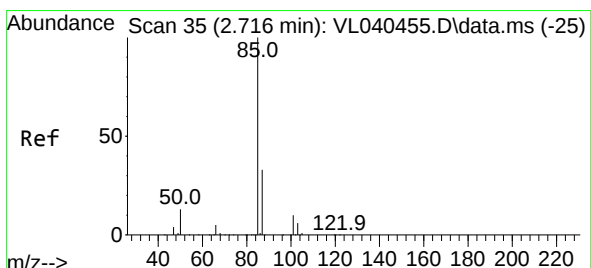
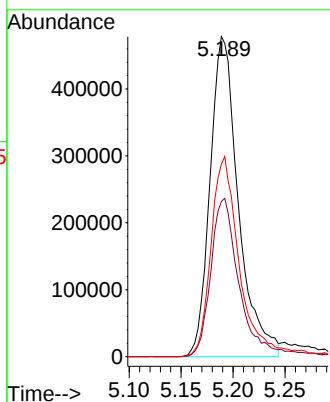
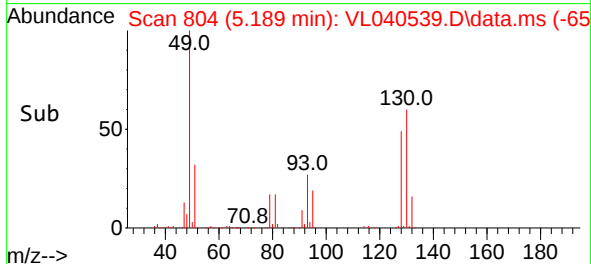
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 49 Resp: 905970
Ion Ratio Lower Upper
49 100
128 51.6 25.1 75.4
130 64.2 31.6 94.7

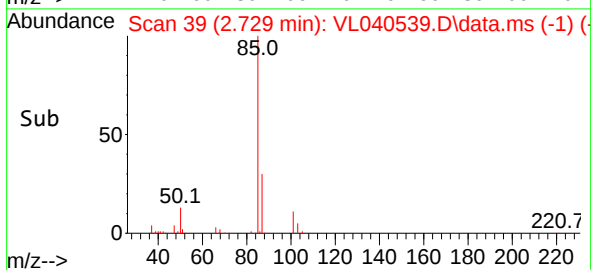
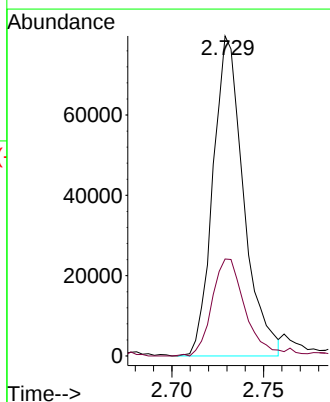
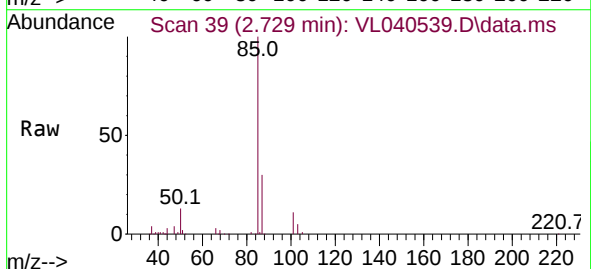
Manual Integrations
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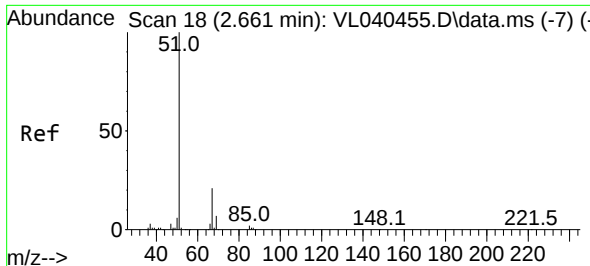
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

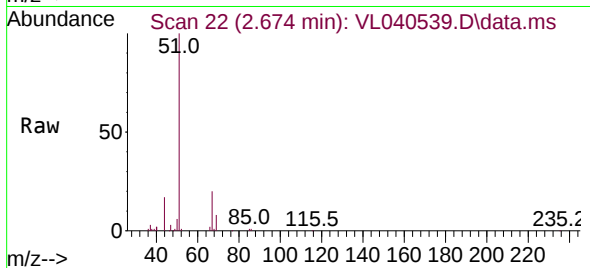
Tgt Ion: 85 Resp: 92380
Ion Ratio Lower Upper
85 100
87 30.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.484 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

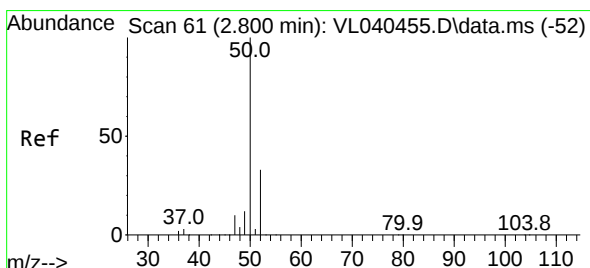
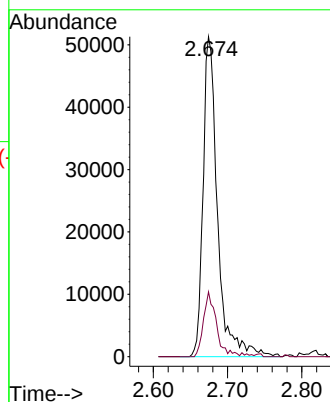
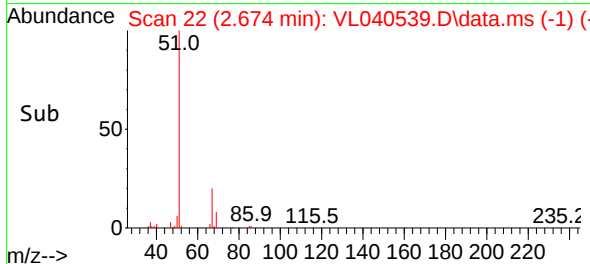
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



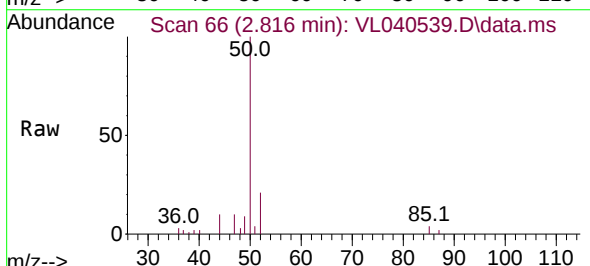
Tgt Ion: 51 Resp: 6948
Ion Ratio Lower Upper
51 100
67 19.0 14.6 21.8

Manual Integrations
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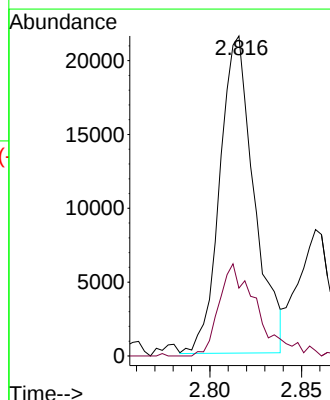
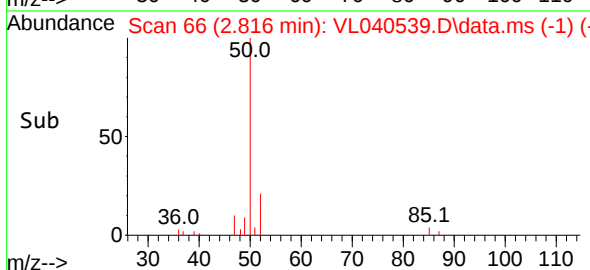
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

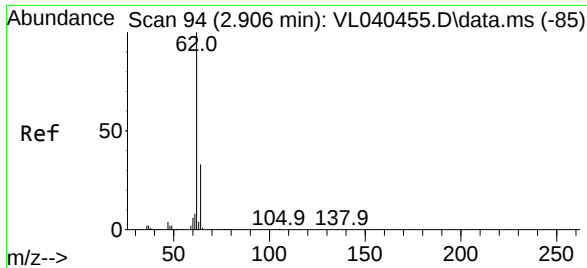


#4
Chloromethane
Concen: 0.492 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23



Tgt Ion: 50 Resp: 27978
Ion Ratio Lower Upper
50 100
52 21.7 24.4 36.6





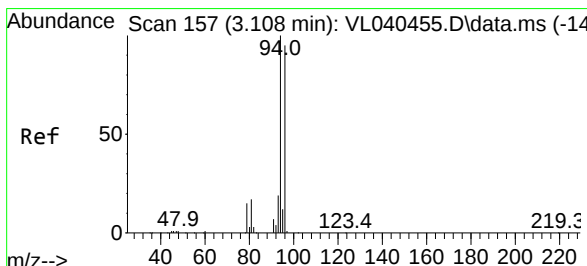
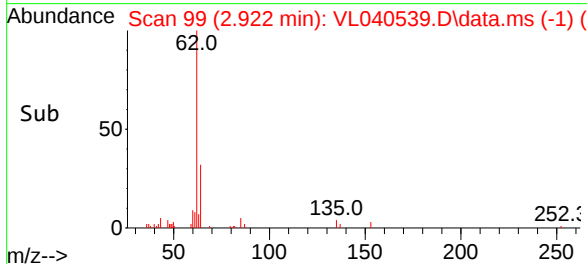
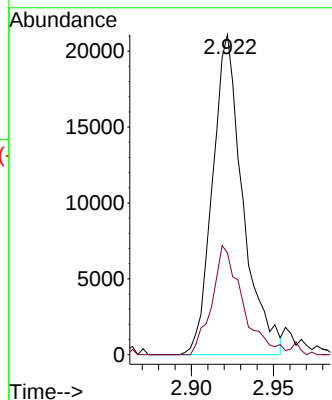
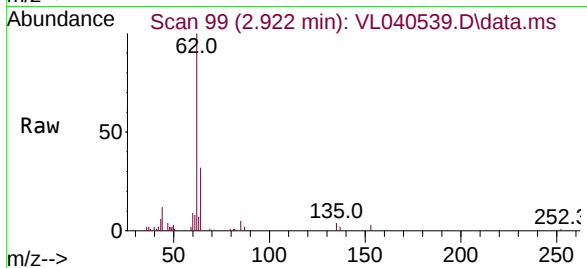
#5
 Vinyl Chloride
 Concen: 0.452 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 62 Resp: 2701
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.4 39.6

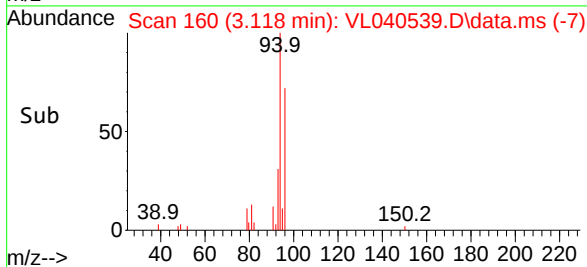
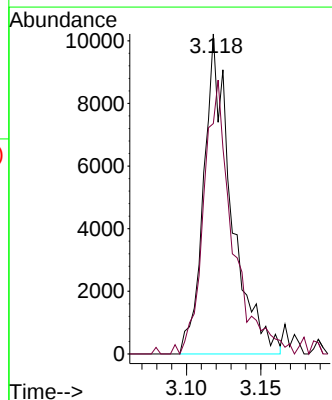
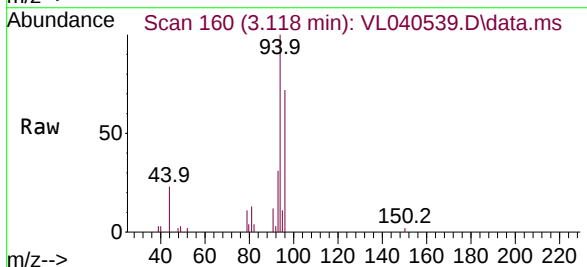
Manual Integrations
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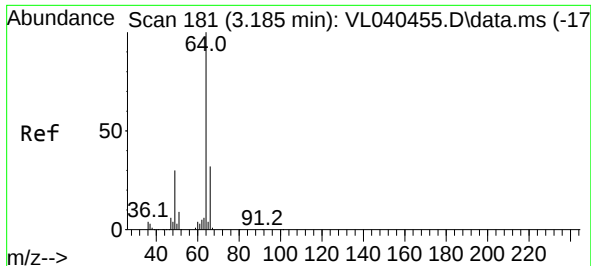
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#6
 Bromomethane
 Concen: 0.526 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.010 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

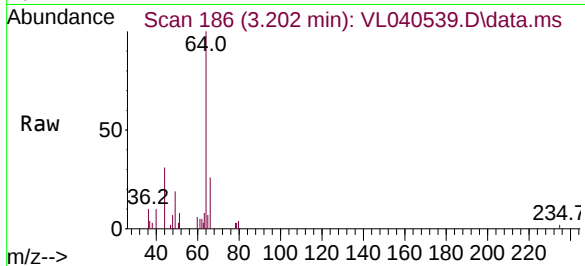
Tgt Ion: 94 Resp: 13254
 Ion Ratio Lower Upper
 94 100
 96 72.0 75.7 113.5#





#7
Chloroethane
Concen: 0.532 ppbv m
RT: 3.202 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

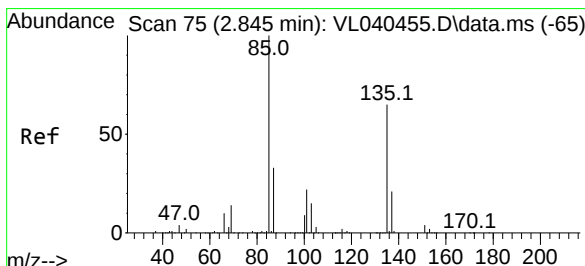
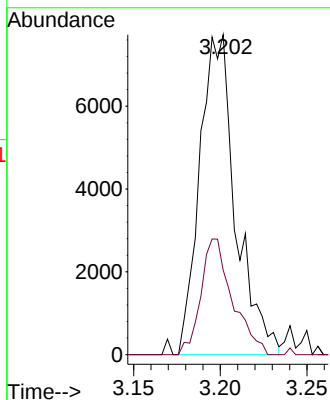
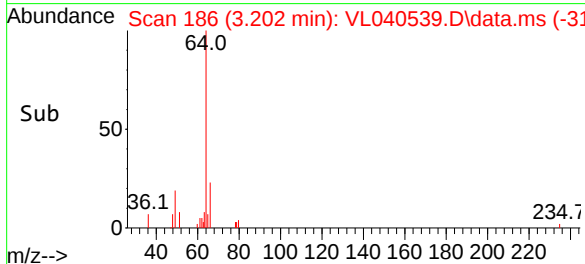
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 64 Resp: 1114
Ion Ratio Lower Upper
64 100
66 26.5 24.4 36.6

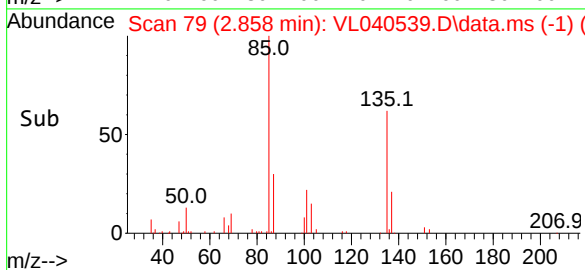
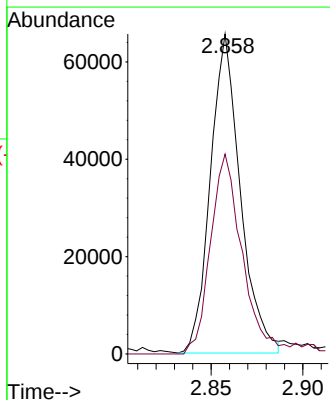
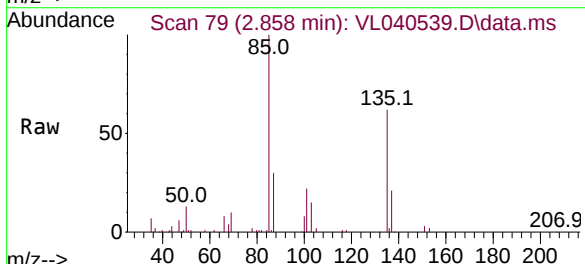
Manual Integrations
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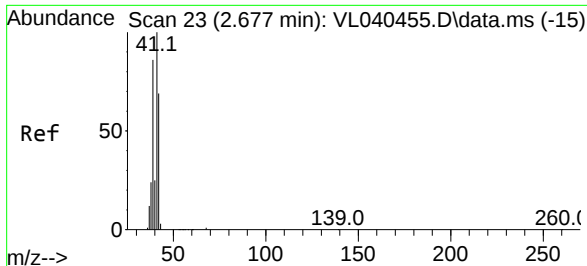
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#8
Dichlorotetrafluoroethane
Concen: 0.499 ppbv
RT: 2.858 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

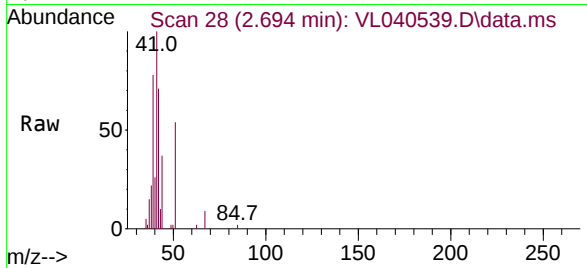
Tgt Ion: 85 Resp: 74437
Ion Ratio Lower Upper
85 100
135 69.6 52.4 78.6





#9
 Propene
 Concen: 0.475 ppbv
 RT: 2.694 min Scan# 2334
 Delta R.T. -0.010 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

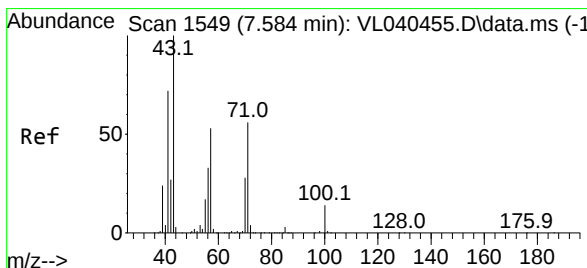
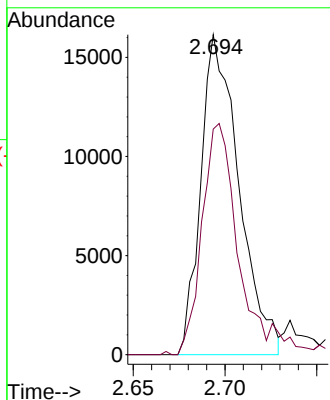
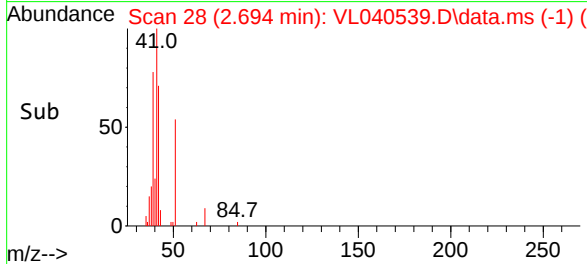
Instrument : MSVOA_L
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 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 41 Resp: 2334
 Ion Ratio Lower Upper
 41 100
 42 70.6 55.0 82.6

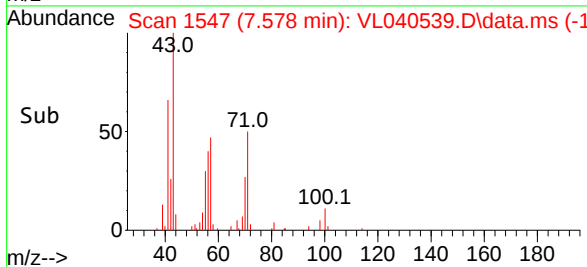
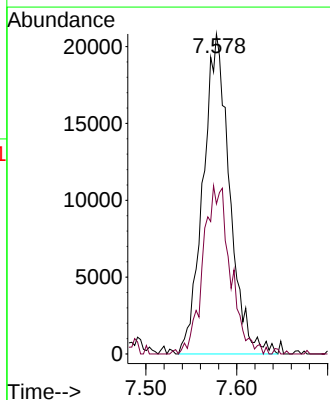
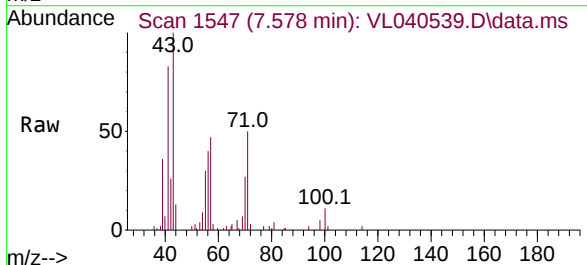
Manual Integrations
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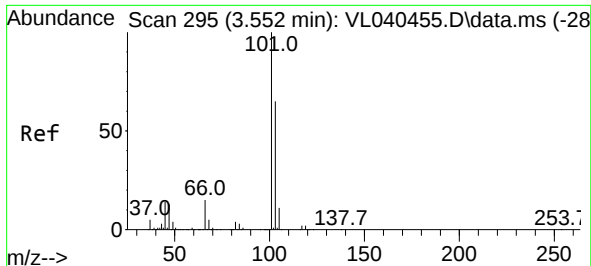
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#10
 Heptane
 Concen: 0.390 ppbv m
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.013 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

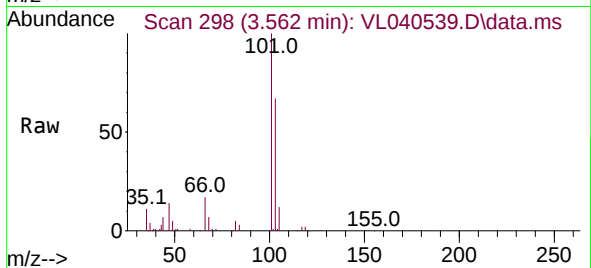
Tgt Ion: 43 Resp: 42295
 Ion Ratio Lower Upper
 43 100
 57 54.6 42.5 63.7





#11
Trichlorofluoromethane
Concen: 0.504 ppbv
RT: 3.562 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

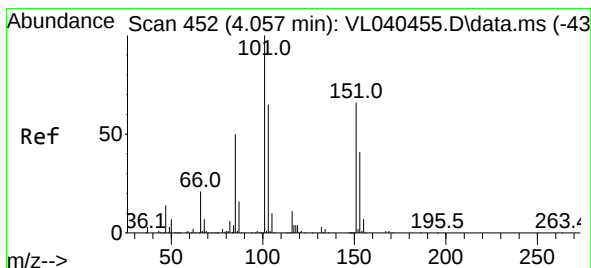
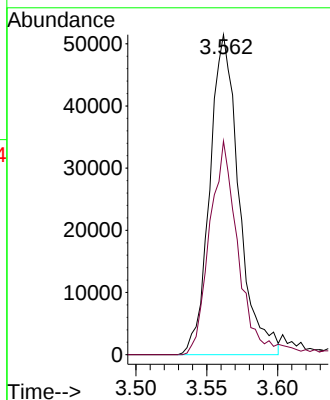
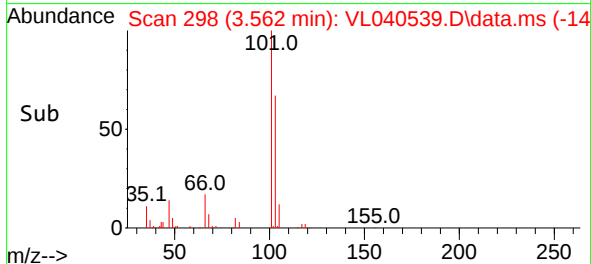
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



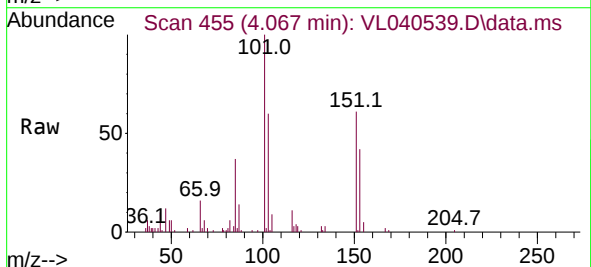
Tgt Ion:101 Resp: 73750
Ion Ratio Lower Upper
101 100
103 66.8 53.4 80.0

Manual Integrations
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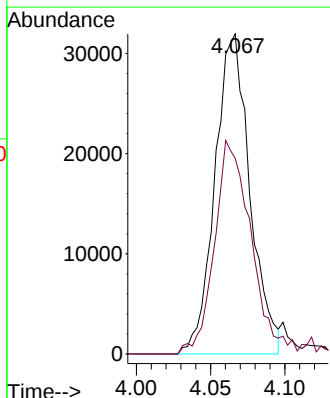
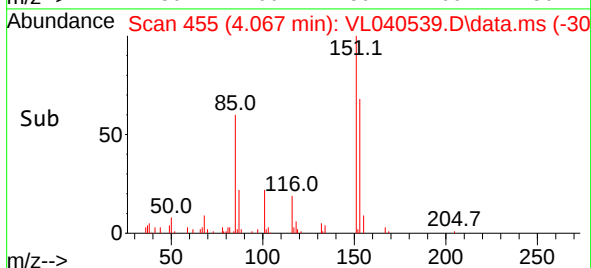
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

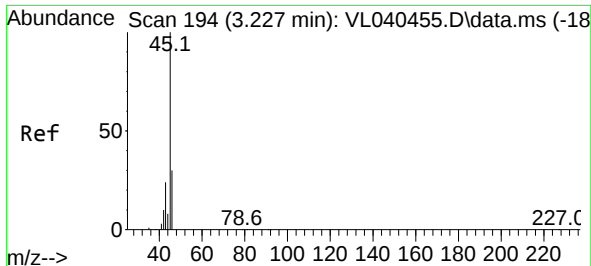


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.508 ppbv
RT: 4.067 min Scan# 455
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23



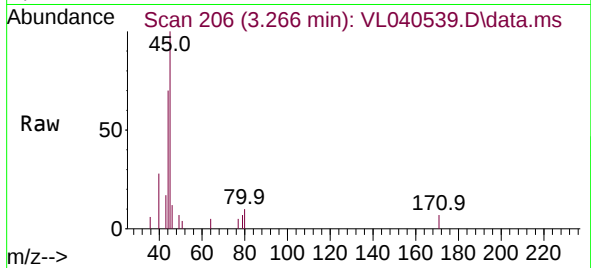
Tgt Ion:101 Resp: 52344
Ion Ratio Lower Upper
101 100
151 72.5 58.2 87.4





#13
Ethanol
Concen: 0.570 ppbv m
RT: 3.266 min Scan# 206
Delta R.T. 0.019 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

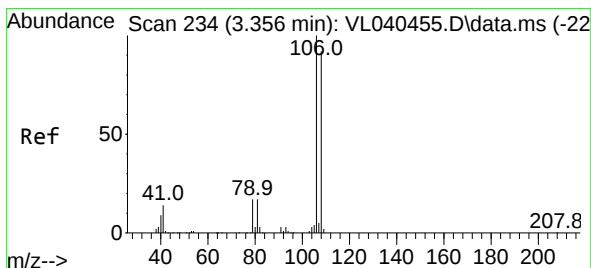
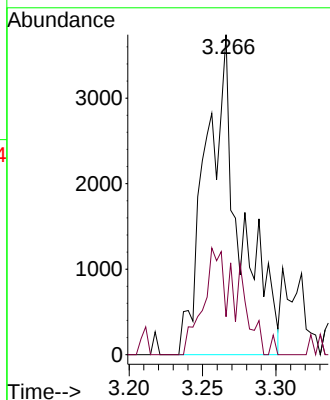
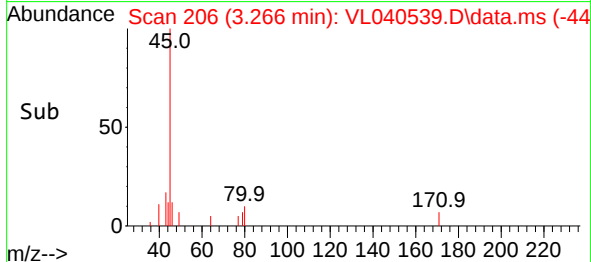
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



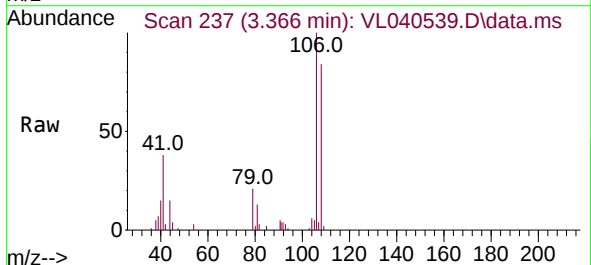
Tgt Ion: 45 Resp: 6102
Ion Ratio Lower Upper
45 100
46 1.6 15.3 61.13

Manual Integrations
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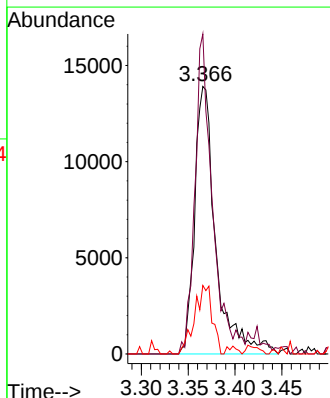
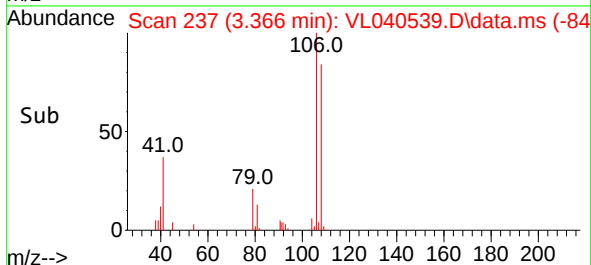
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

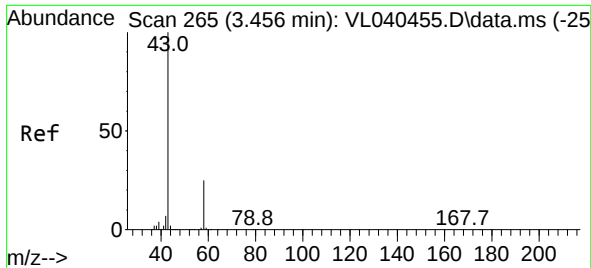


#14
Bromoethene
Concen: 0.492 ppbv m
RT: 3.366 min Scan# 237
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23



Tgt Ion:108 Resp: 21792
Ion Ratio Lower Upper
108 100
106 106.9 87.2 130.8
79 23.1 15.3 22.9#





#15

Acetone

Concen: 0.510 ppbv

RT: 3.485 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

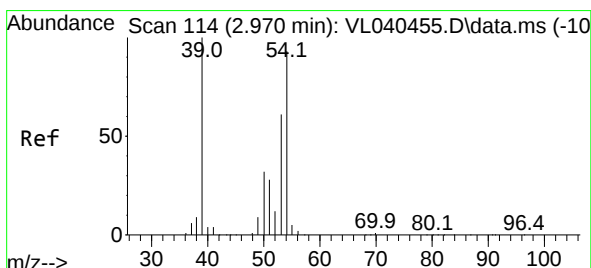
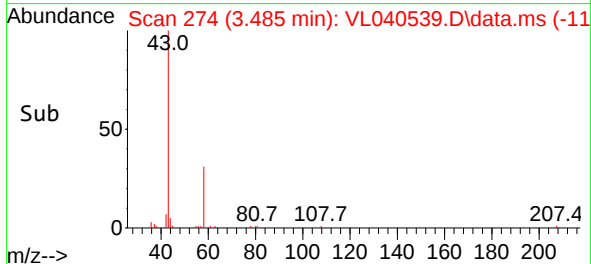
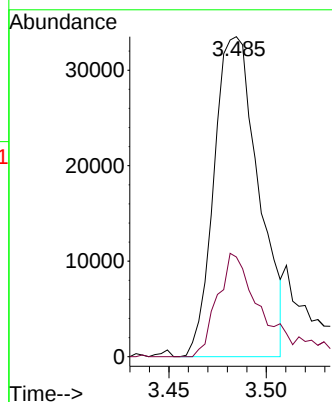
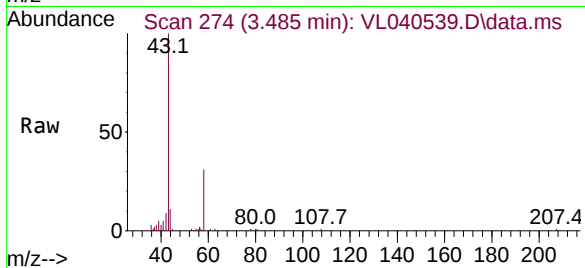
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 43 Resp: 53174
 Ion Ratio Lower Upper
 43 100
 58 34.2 22.9 34.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#16

1,3-Butadiene

Concen: 0.484 ppbv m

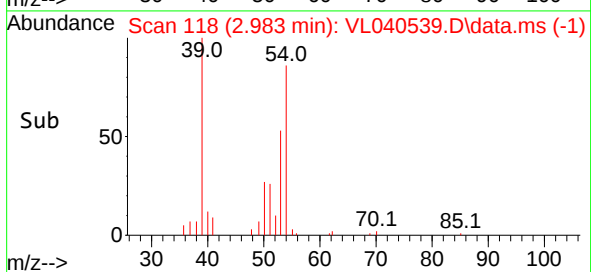
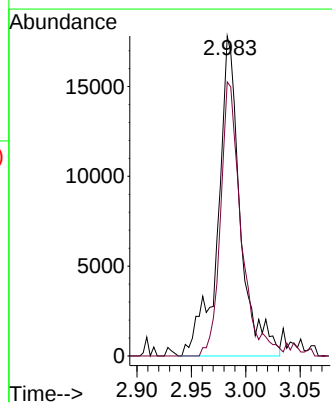
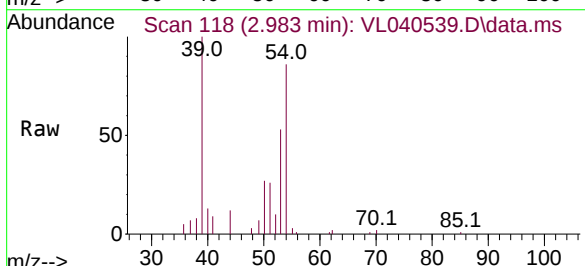
RT: 2.983 min Scan# 118

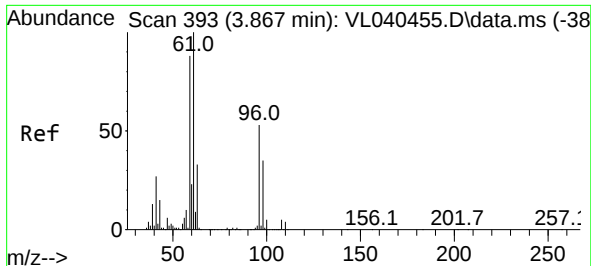
Delta R.T. -0.010 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Tgt Ion: 39 Resp: 25470
 Ion Ratio Lower Upper
 39 100
 54 81.4 66.6 100.0





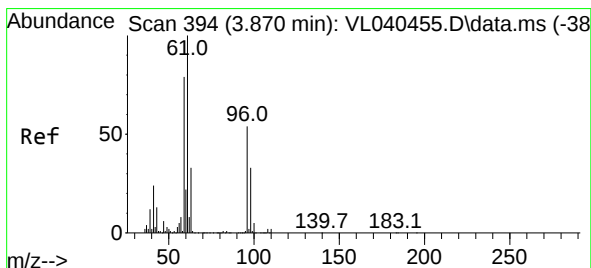
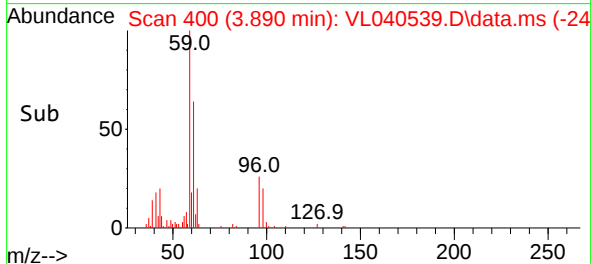
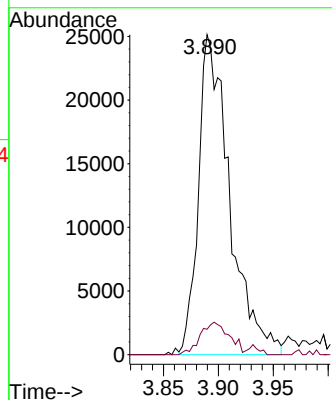
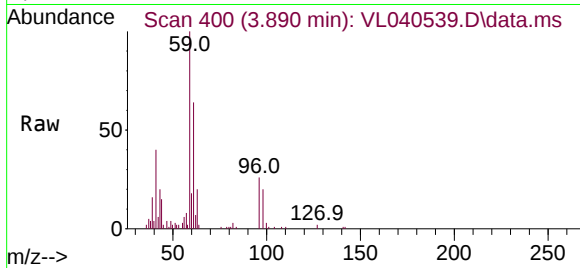
#17
tert-Butyl alcohol
Concen: 0.460 ppbv m
RT: 3.890 min Scan# 40
Delta R.T. 0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 59 Resp: 4966
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

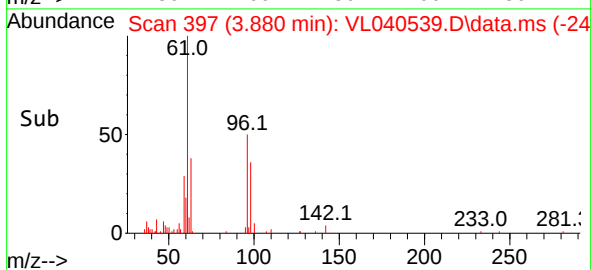
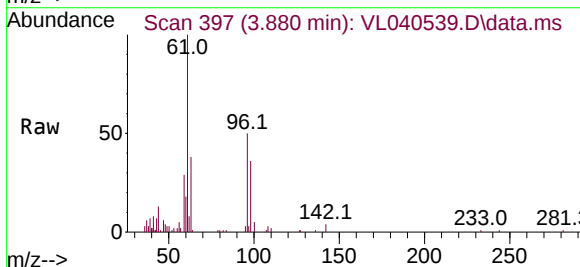
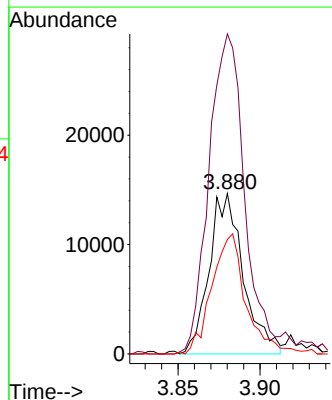
Manual Integrations
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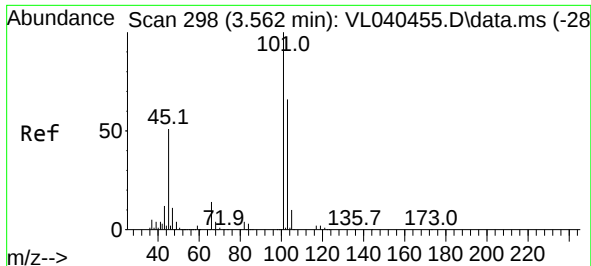
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
1,1-Dichloroethene
Concen: 0.448 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

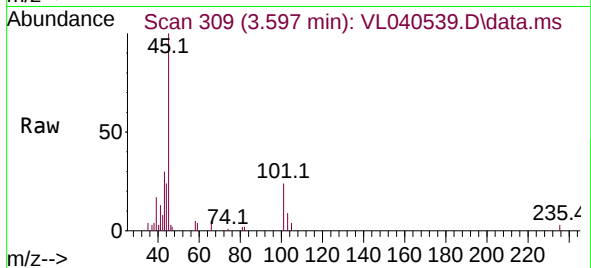
Tgt Ion: 96 Resp: 21223
Ion Ratio Lower Upper
96 100
61 198.2 154.4 231.6
98 70.1 50.0 75.0





#19
Isopropyl Alcohol
Concen: 0.449 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

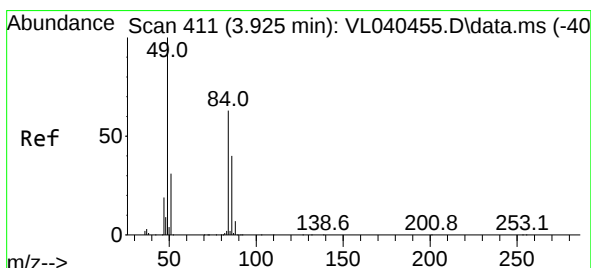
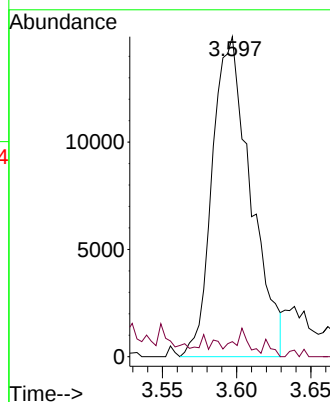
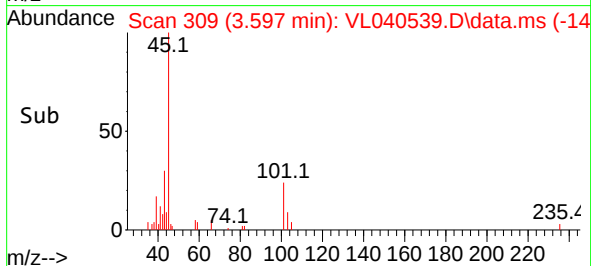
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



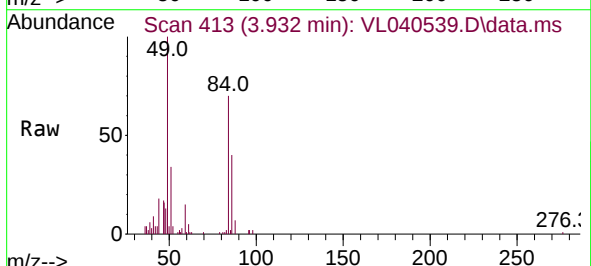
Tgt Ion: 45 Resp: 2686
Ion Ratio Lower Upper
45 100
58 7.2 1.1 1.7

Manual Integrations
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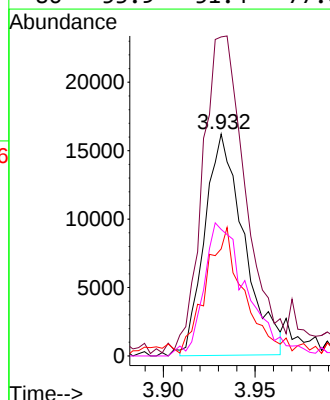
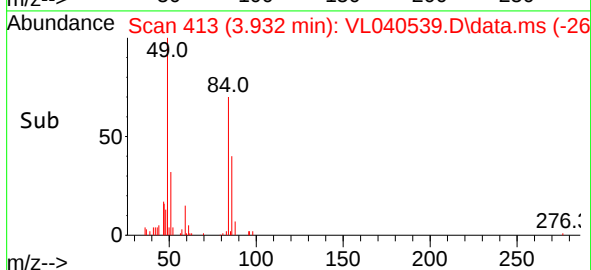
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

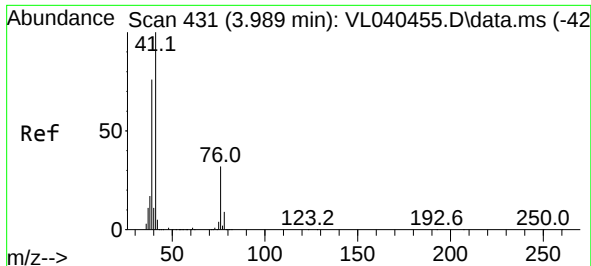


#20
Methylene Chloride
Concen: 0.544 ppbv
RT: 3.932 min Scan# 413
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23



Tgt Ion: 84 Resp: 24150
Ion Ratio Lower Upper
84 100
49 137.9 123.4 185.2
51 48.1 38.3 57.5
86 53.9 51.4 77.0





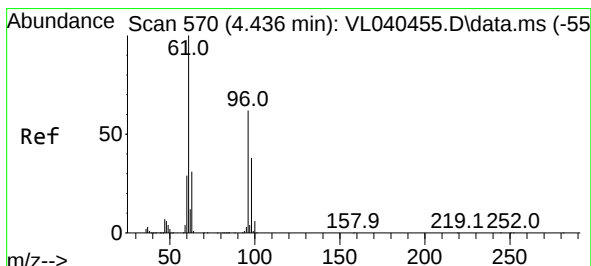
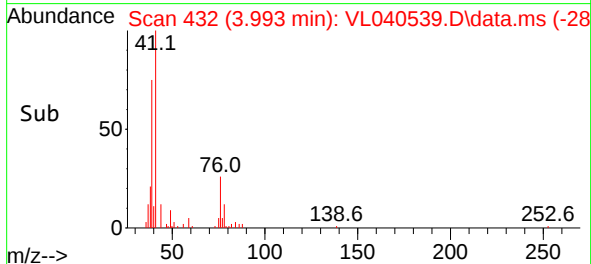
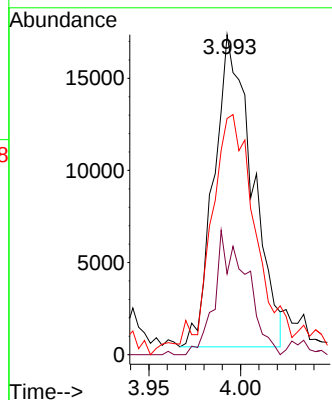
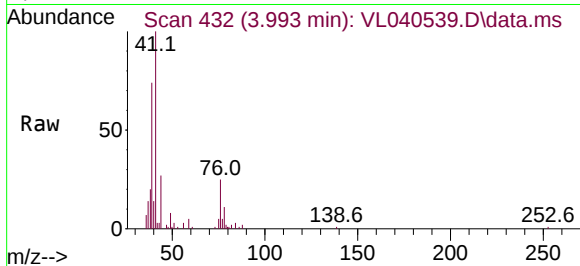
#21
 Allyl Chloride
 Concen: 0.413 ppbv
 RT: 3.993 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 41 Resp: 24600
 Ion Ratio Lower Upper
 41 100
 76 35.6 24.8 37.2
 39 96.2 60.6 91.0

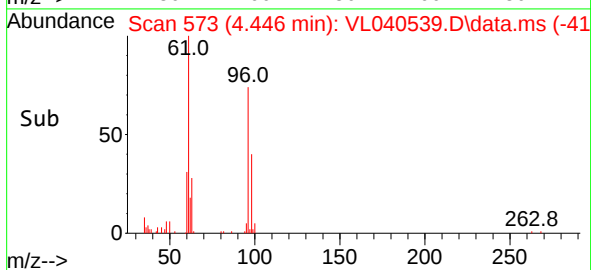
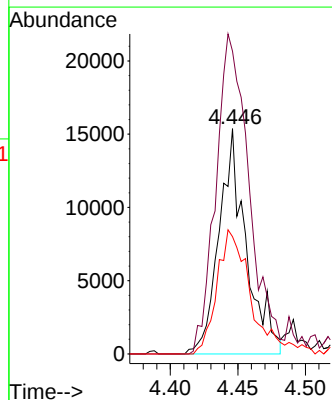
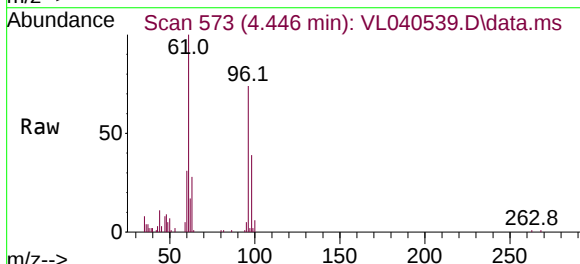
Manual Integrations
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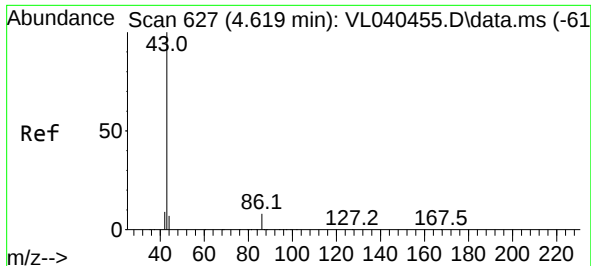
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.460 ppbv m
 RT: 4.446 min Scan# 573
 Delta R.T. -0.006 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

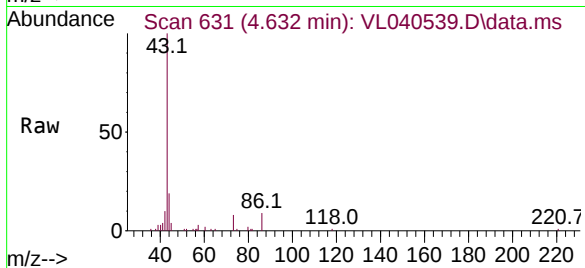
Tgt Ion: 96 Resp: 21467
 Ion Ratio Lower Upper
 96 100
 61 134.4 137.7 206.5#
 98 52.1 52.9 79.3#





#23
 Vinyl Acetate
 Concen: 0.405 ppbv
 RT: 4.632 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

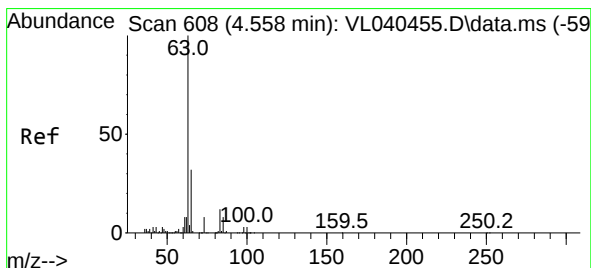
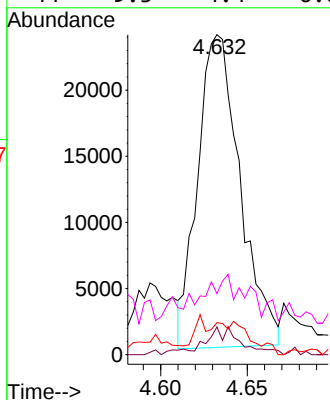
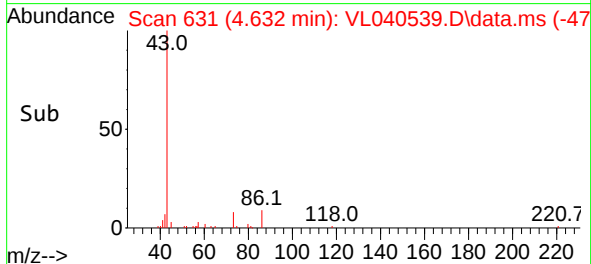
Instrument : MSVOA_L
 ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 4023
 Ion Ratio Lower Upper
 43 100
 86 8.0 5.6 8.4
 42 11.0 7.4 11.2
 44 9.3 4.4 6.6#

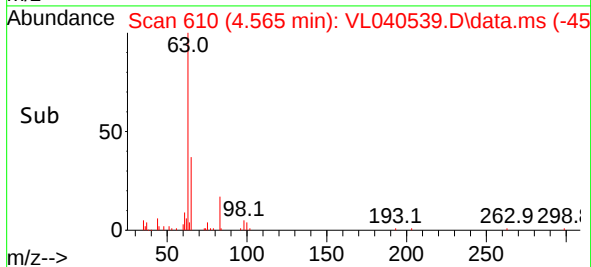
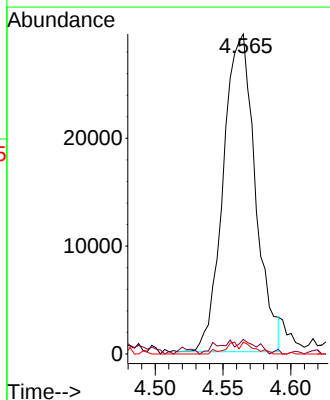
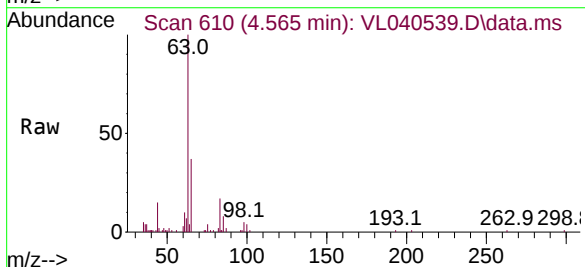
Manual Integrations
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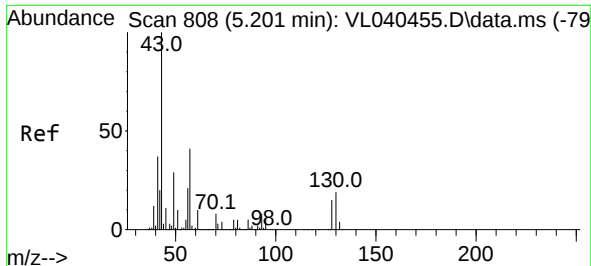
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 0.480 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.006 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

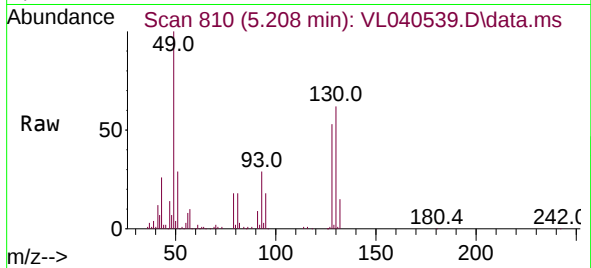
Tgt Ion: 63 Resp: 48444
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.5
 100 3.7 1.4 4.0





#25
Ethyl Acetate
Concen: 0.447 ppbv m
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

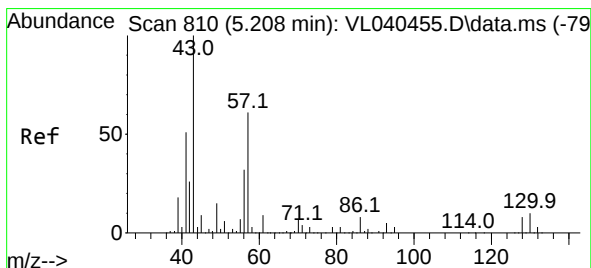
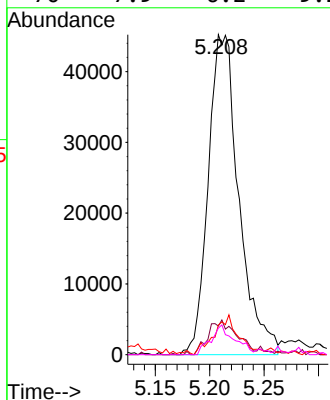
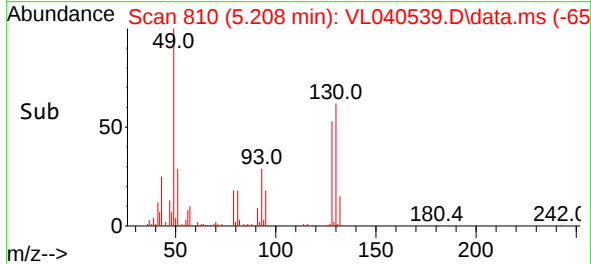
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 88652
Ion Ratio Lower Upper
43 100
45 10.9 8.2 12.4
61 11.9 8.3 12.5
70 7.9 6.2 9.2

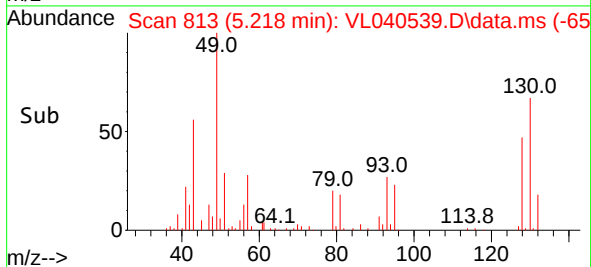
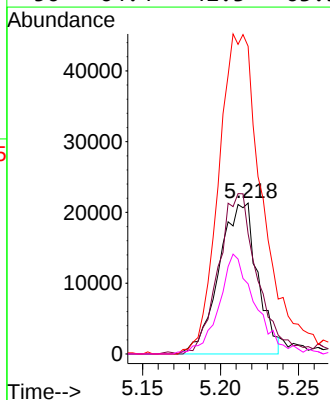
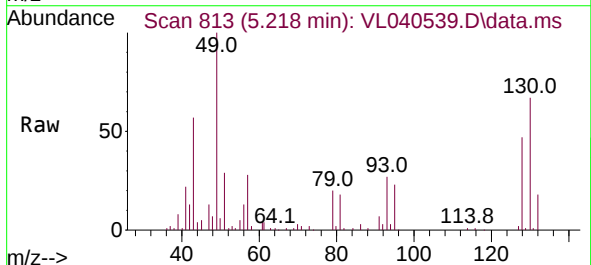
Manual Integrations
APPROVED

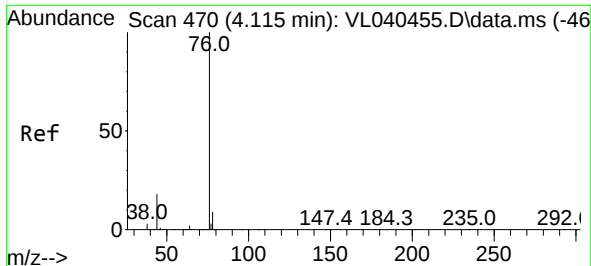
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#26
Hexane
Concen: 0.397 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

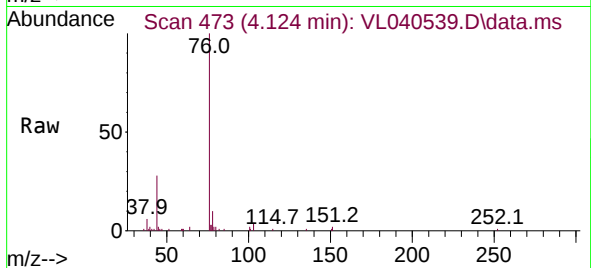
Tgt Ion: 57 Resp: 36584
Ion Ratio Lower Upper
57 100
41 113.5 69.5 104.3#
43 257.2 177.1 265.7
56 64.4 42.3 63.5#





#27
Carbon Disulfide
Concen: 0.351 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

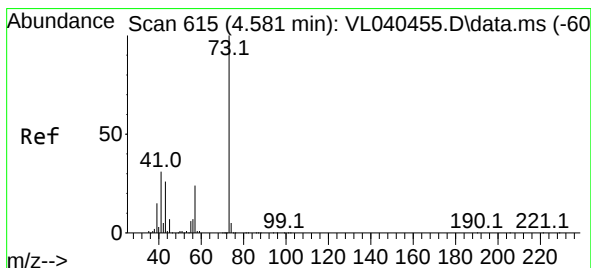
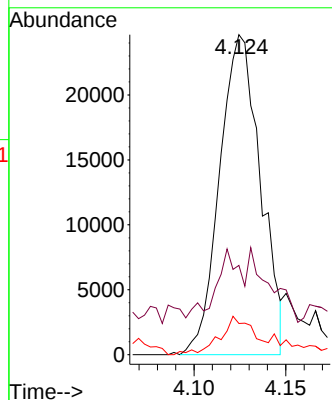
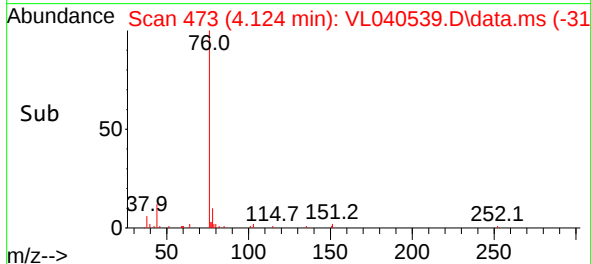
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 76 Resp: 3807
Ion Ratio Lower Upper
76 100
44 25.1 15.1 22.7
78 14.5 7.5 11.3

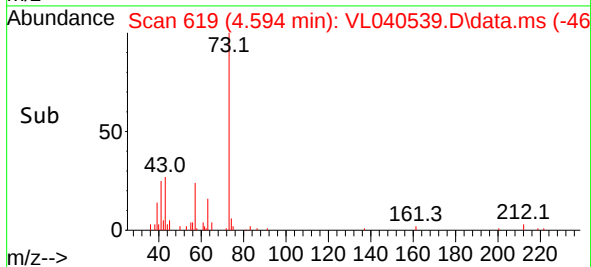
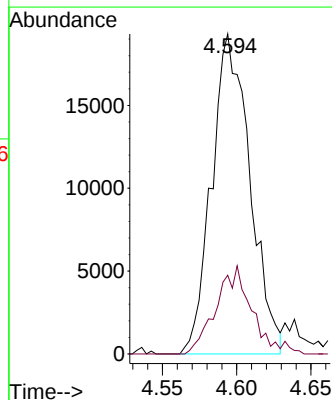
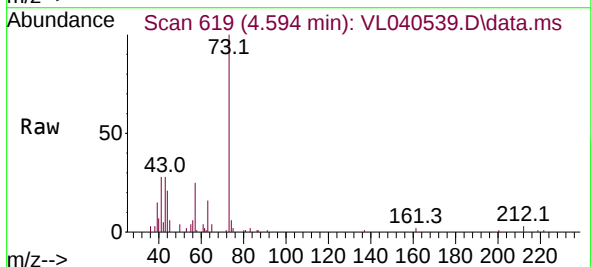
Manual Integrations
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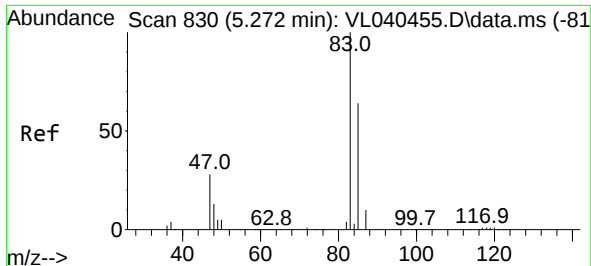
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#28
Methyl tert-Butyl Ether
Concen: 0.466 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.000 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 73 Resp: 34605
Ion Ratio Lower Upper
73 100
57 25.8 18.8 28.2





#29

Chloroform

Concen: 0.462 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 83 Resp: 7072

Ion Ratio Lower Upper

83 100

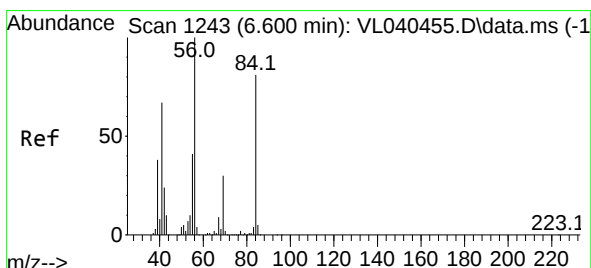
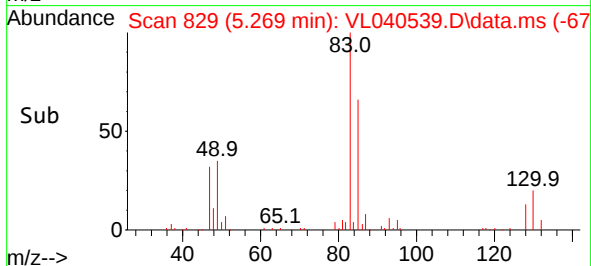
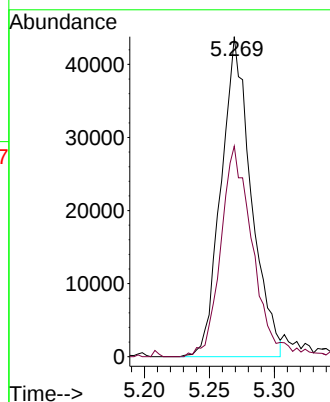
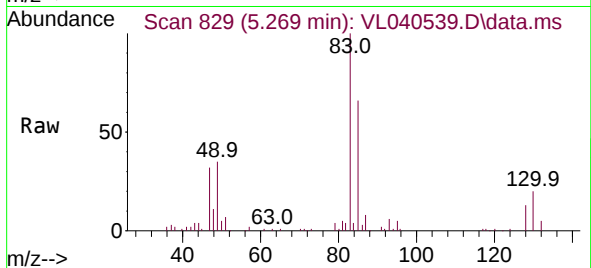
85 65.8 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Cyclohexane

Concen: 0.457 ppbv m

RT: 6.600 min Scan# 1243

Delta R.T. -0.010 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

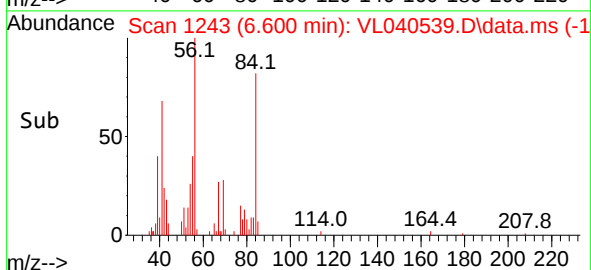
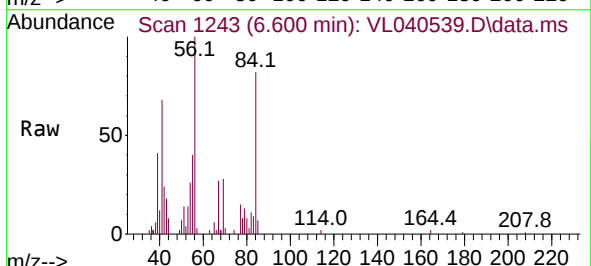
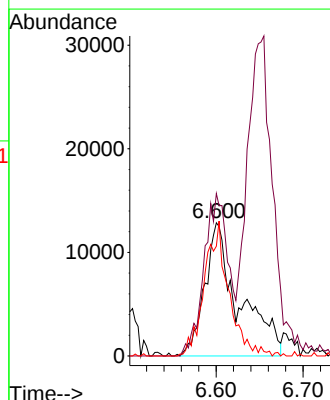
Tgt Ion: 84 Resp: 35104

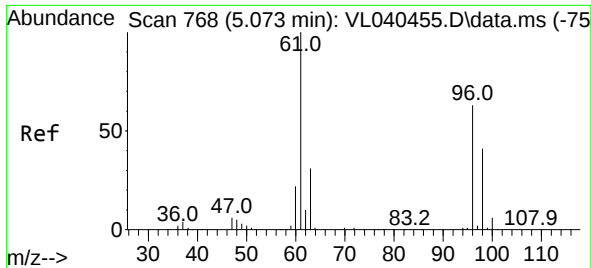
Ion Ratio Lower Upper

84 100

56 0.0 108.7 163.1#

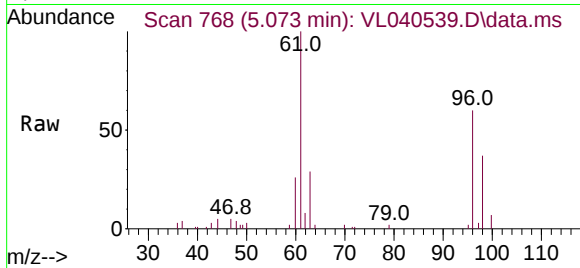
41 0.0 64.5 96.7#





#31
 cis-1,2-Dichloroethene
 Concen: 0.418 ppbv m
 RT: 5.073 min Scan# 768
 Delta R.T. -0.013 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

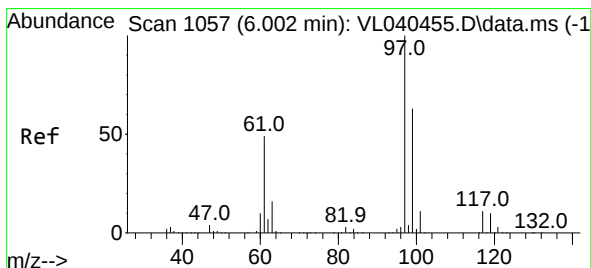
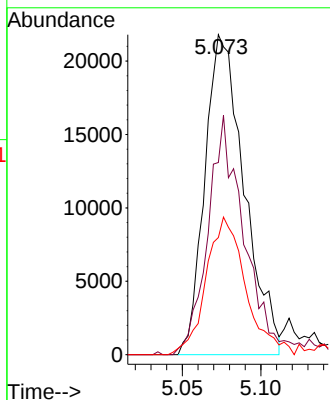
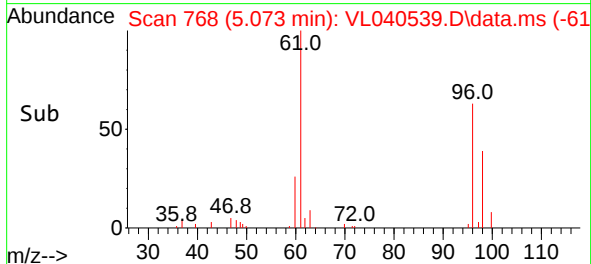
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 61 Resp: 38070
 Ion Ratio Lower Upper
 61 100
 96 60.1 54.7 82.1
 98 36.6 34.6 52.0

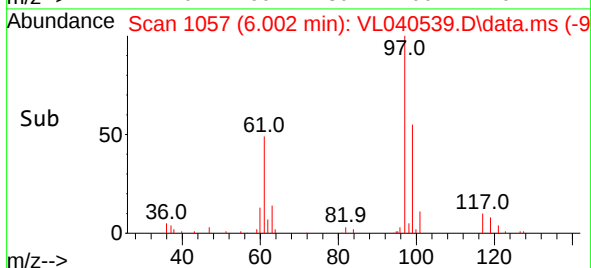
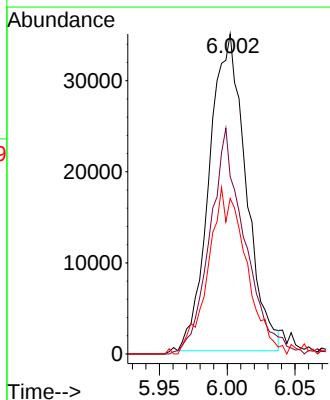
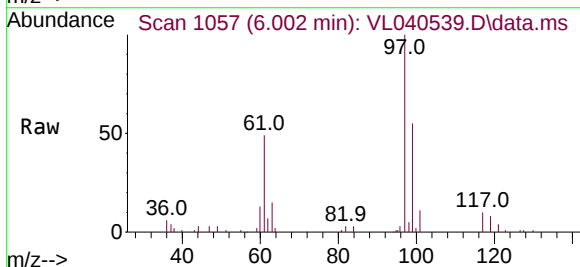
Manual Integrations
 APPROVED

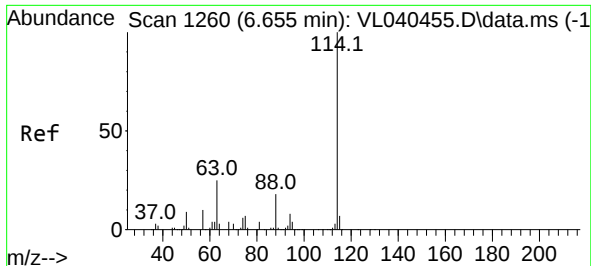
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.437 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.010 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

Tgt Ion: 97 Resp: 65364
 Ion Ratio Lower Upper
 97 100
 99 68.5 52.0 78.0
 61 55.4 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion:114 Resp: 239063

Ion Ratio Lower Upper

114 100

63 24.9 19.6 29.4

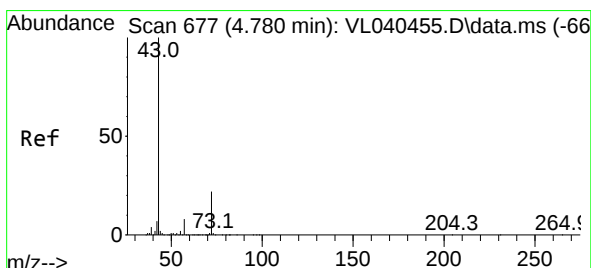
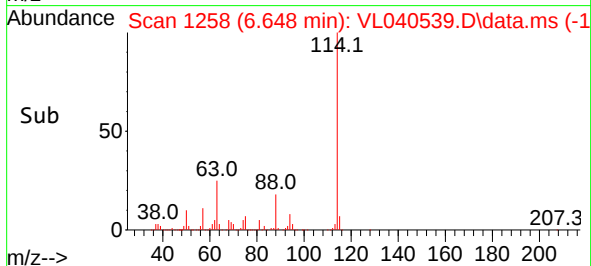
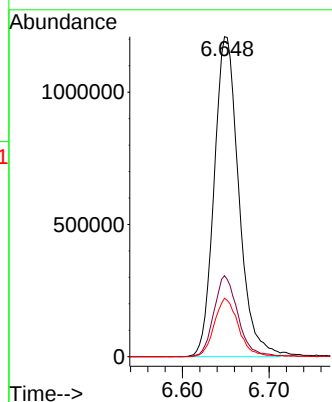
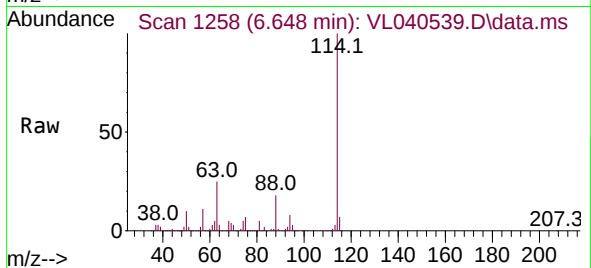
88 18.1 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

2-Butanone

Concen: 0.485 ppbv m

RT: 4.800 min Scan# 683

Delta R.T. 0.006 min

Lab File: VL040539.D

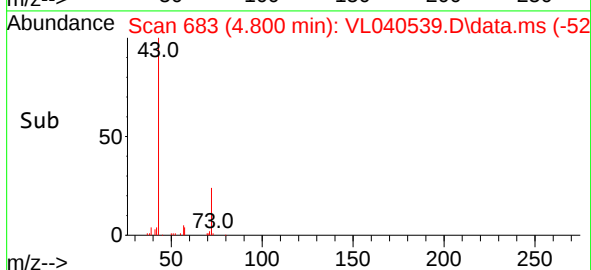
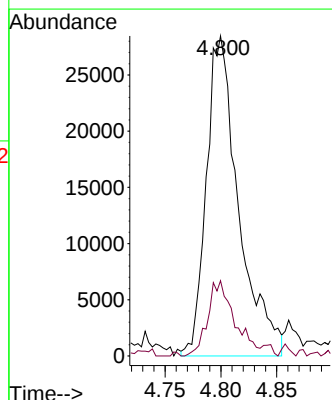
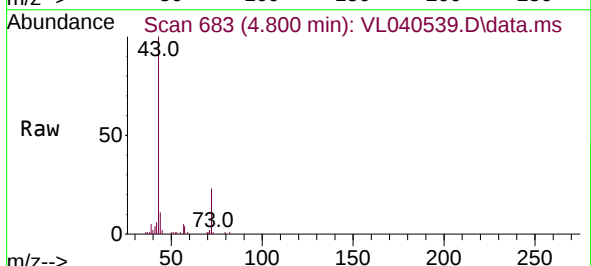
Acq: 14 Jul 2023 23:23

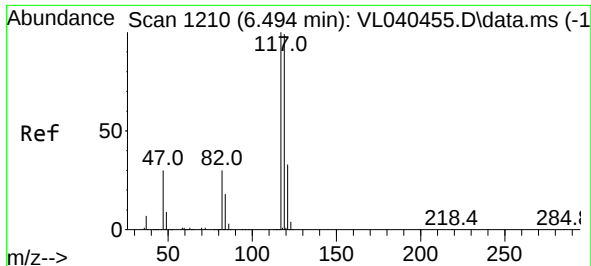
Tgt Ion: 43 Resp: 57299

Ion Ratio Lower Upper

43 100

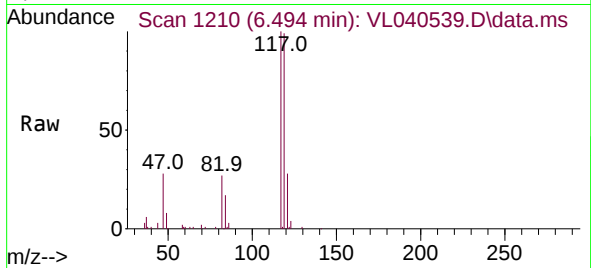
72 20.5 19.1 28.7





#35
Carbon Tetrachloride
Concen: 0.452 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

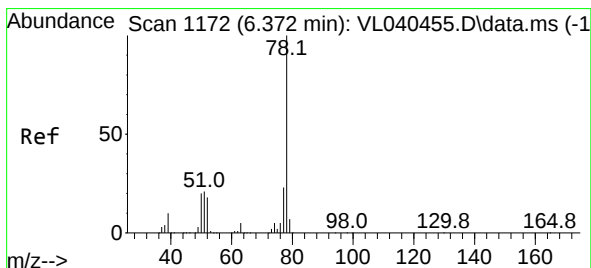
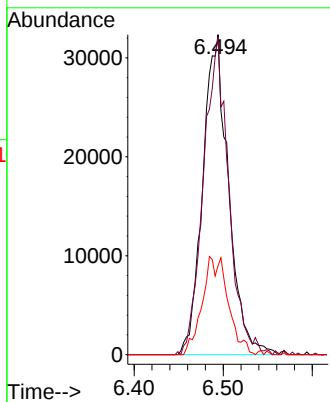
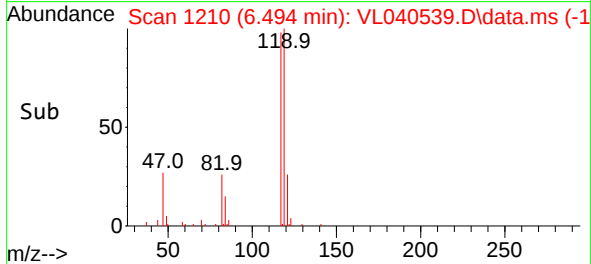
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 117 Resp: 6505
Ion Ratio Lower Upper
117 100
119 98.7 77.8 116.6
121 27.8 24.8 37.2

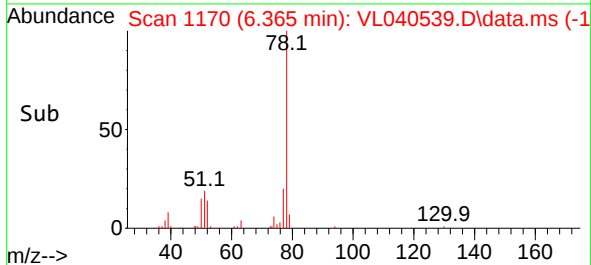
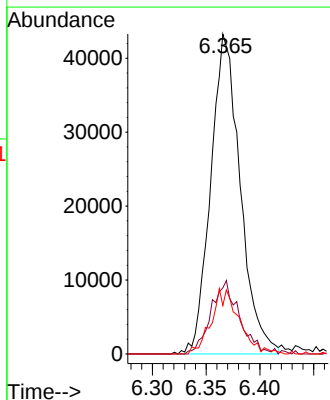
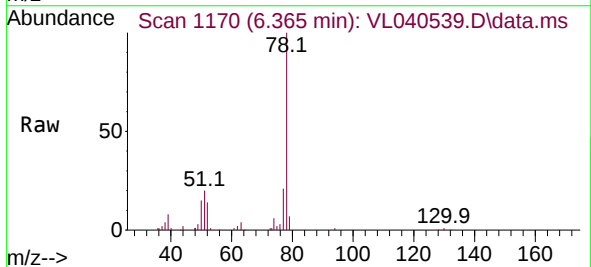
Manual Integrations
APPROVED

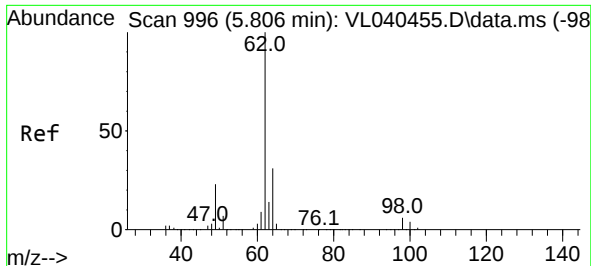
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#36
Benzene
Concen: 0.430 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

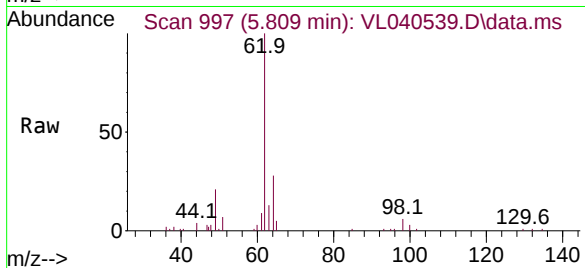
Tgt Ion: 78 Resp: 82628
Ion Ratio Lower Upper
78 100
77 20.7 17.4 26.0
50 15.2 14.4 21.6





#37
1,2-Dichloroethane
Concen: 0.482 ppbv m
RT: 5.809 min Scan# 996
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

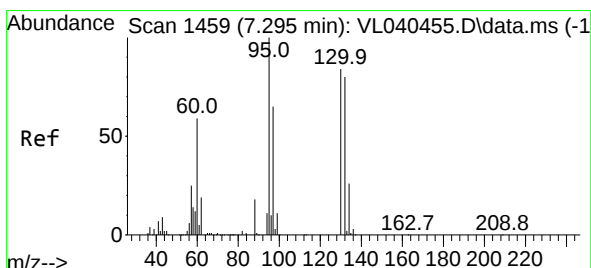
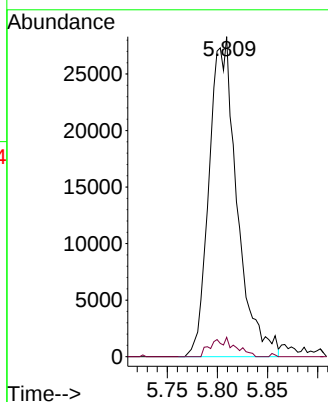
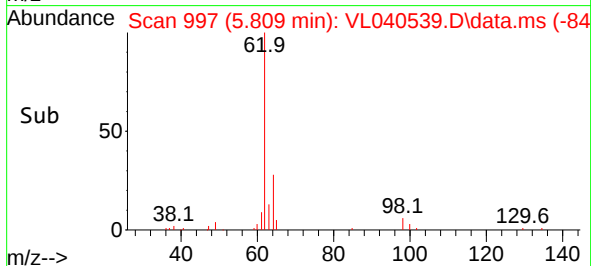
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 62 Resp: 54520
Ion Ratio Lower Upper
62 100
98 5.0 5.1 7.7

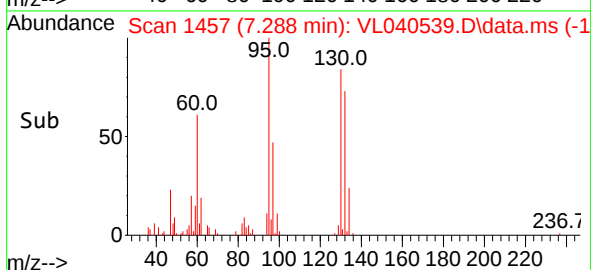
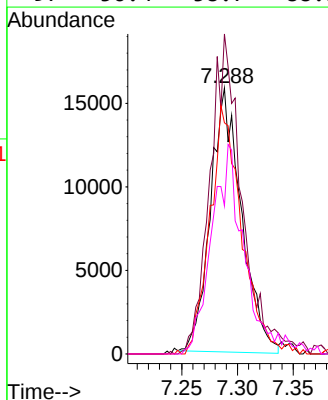
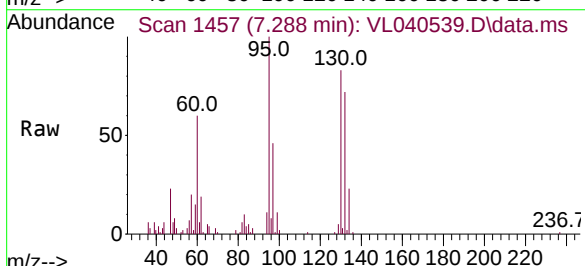
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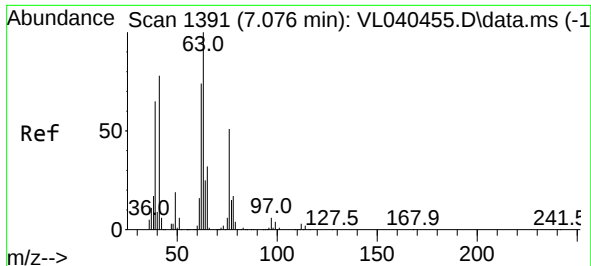
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Trichloroethene
Concen: 0.420 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:130 Resp: 30553
Ion Ratio Lower Upper
130 100
95 121.8 90.2 135.2
132 86.7 76.3 114.5
97 56.4 58.7 88.1#





#39

1,2-Dichloropropane

Concen: 0.430 ppbv

RT: 7.070 min Scan# 1389

Delta R.T. -0.013 min

Lab File: VL040539.D

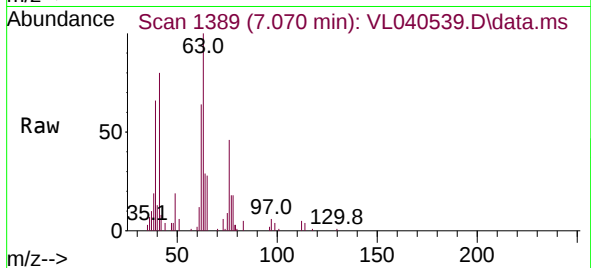
Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



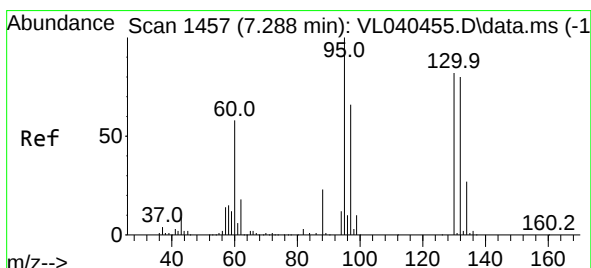
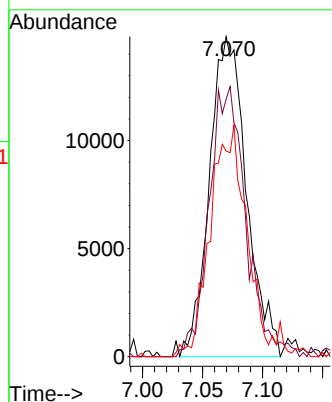
Tgt Ion: 63 Resp: 31840

Ion	Ratio	Lower	Upper
63	100		
41	78.3	54.3	81.5
62	60.5	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#40

1,4-Dioxane

Concen: 0.407 ppbv m

RT: 7.314 min Scan# 1465

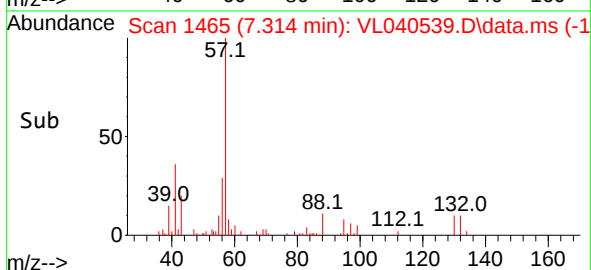
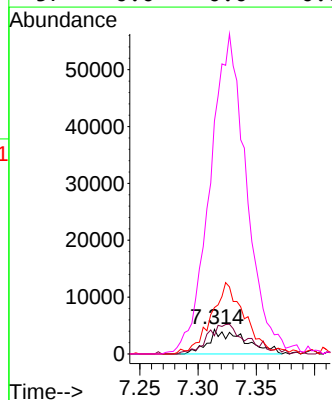
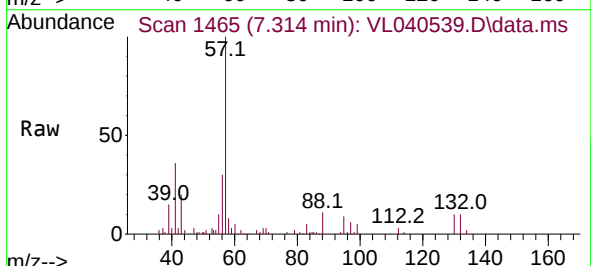
Delta R.T. 0.016 min

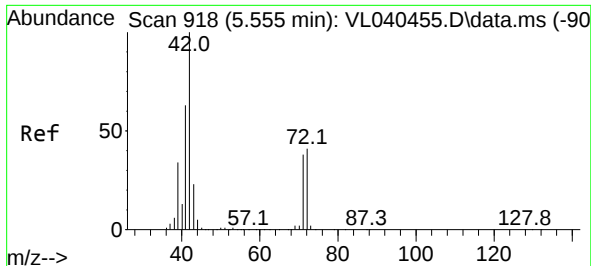
Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Tgt Ion: 88 Resp: 9437

Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.6	88.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.368 ppbv m

RT: 5.581 min Scan# 918

Delta R.T. 0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

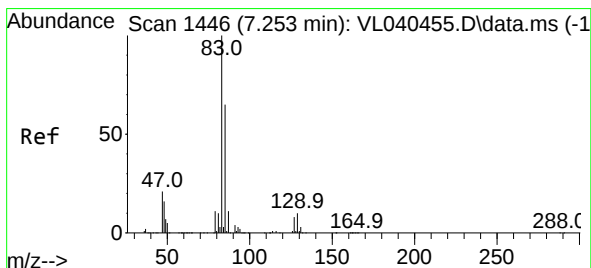
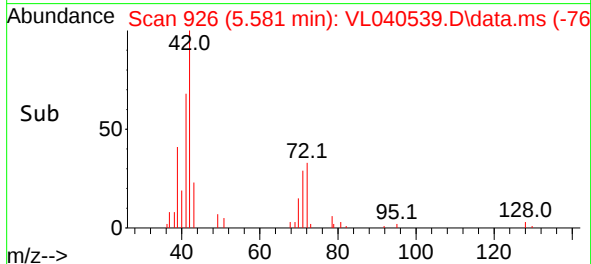
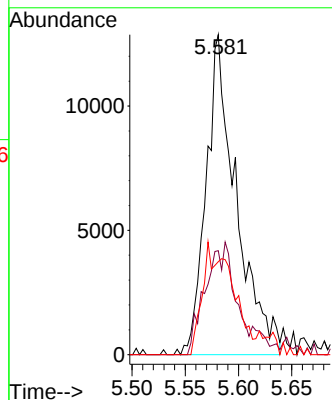
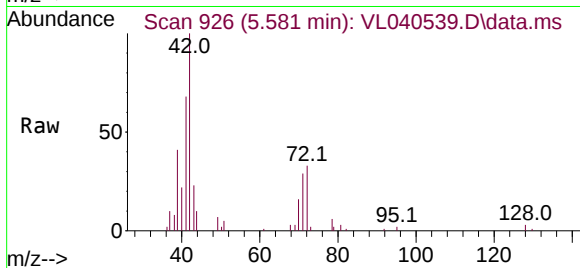
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 42	Resp: 2536
Ion Ratio	Lower Upper
42 100	
72 40.5	33.8 50.8
71 39.5	33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42

Bromodichloromethane

Concen: 0.414 ppbv

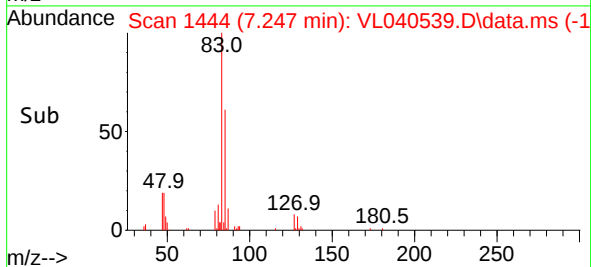
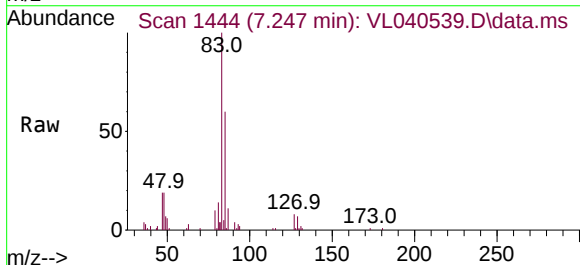
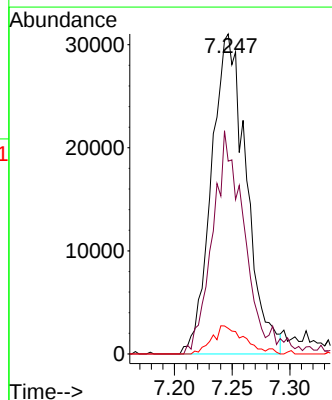
RT: 7.247 min Scan# 1444

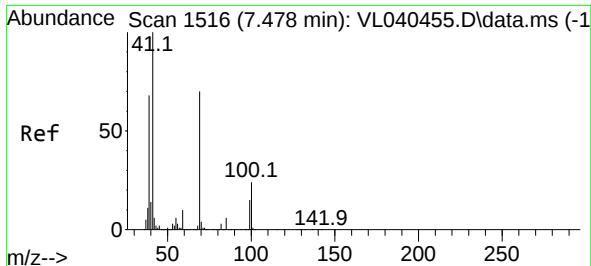
Delta R.T. -0.013 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Tgt Ion: 83	Resp: 65152
Ion Ratio	Lower Upper
83 100	
85 60.2	51.1 76.7
127 8.0	6.5 9.7





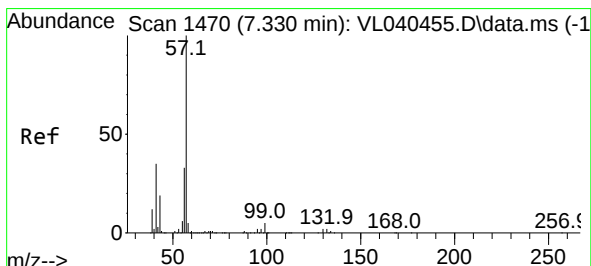
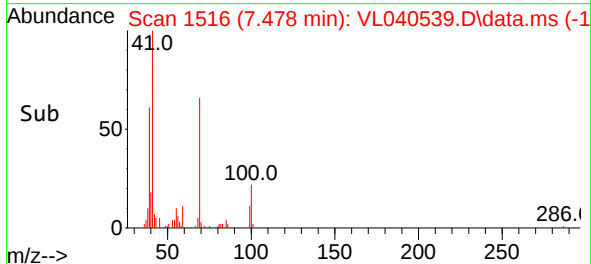
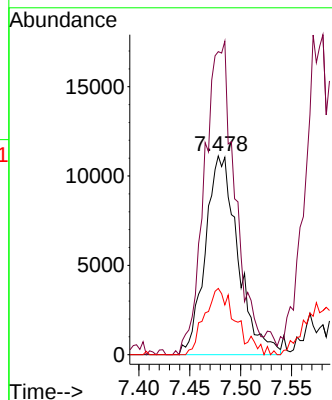
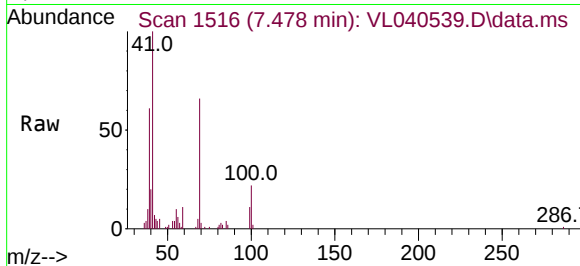
#43
Methyl Methacrylate
Concen: 0.344 ppbv m
RT: 7.478 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 69 Resp: 2479
Ion Ratio Lower Upper
69 100
41 0.0 111.7 167.5
100 32.4 26.9 40.3

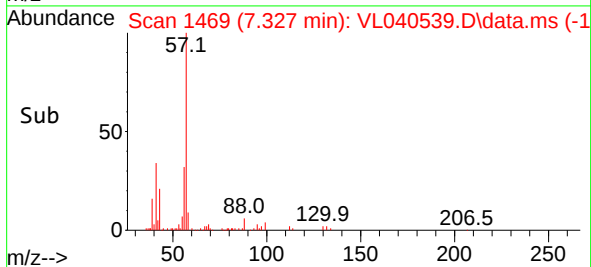
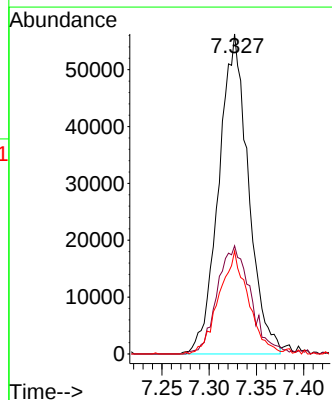
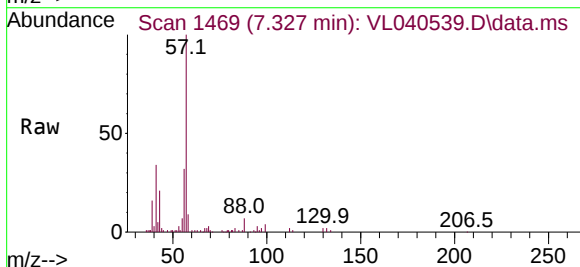
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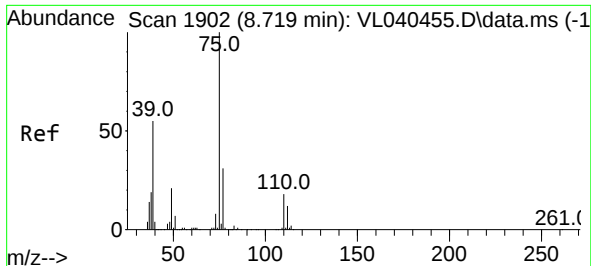
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
2,2,4-Trimethylpentane
Concen: 0.397 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 57 Resp: 122861
Ion Ratio Lower Upper
57 100
41 38.6 25.5 38.3
56 32.4 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 0.285 ppbv m

RT: 8.706 min Scan# 1898

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

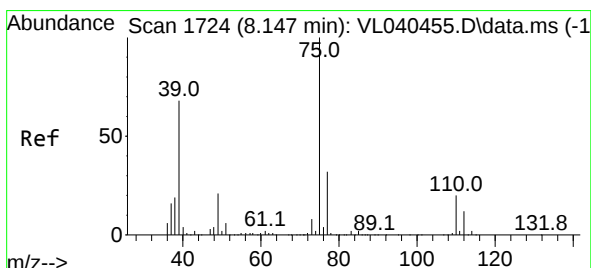
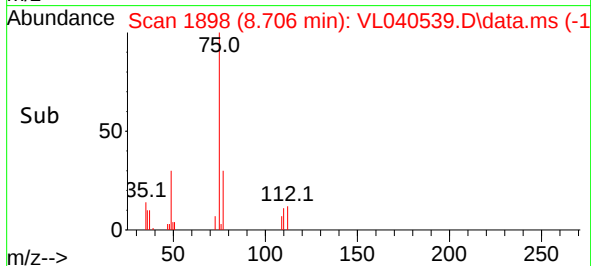
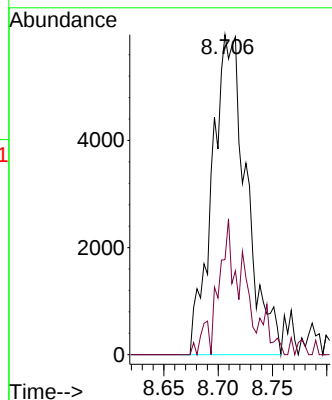
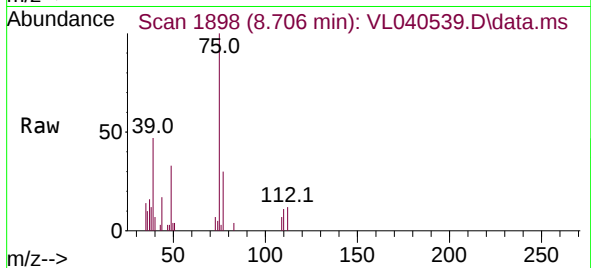
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 75 Resp: 13179
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.0 39.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#46

cis-1,3-Dichloropropene

Concen: 0.321 ppbv m

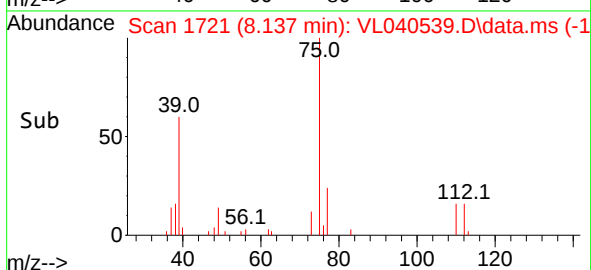
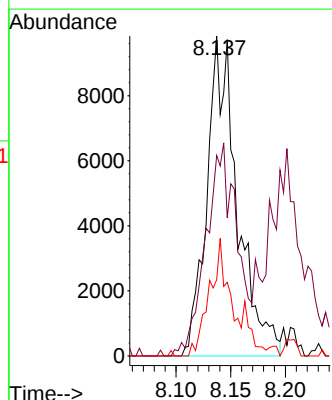
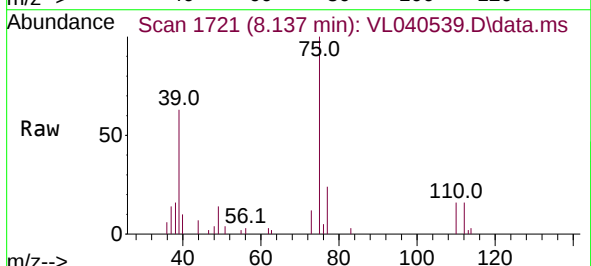
RT: 8.137 min Scan# 1721

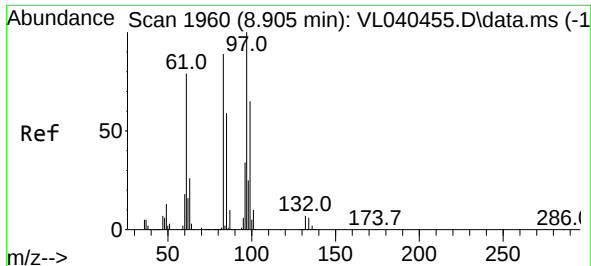
Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Tgt Ion: 75 Resp: 19032
 Ion Ratio Lower Upper
 75 100
 39 62.6 48.0 72.0
 77 23.8 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 0.418 ppbv

RT: 8.899 min Scan# 1960

Delta R.T. -0.010 min

Lab File: VL040539.D

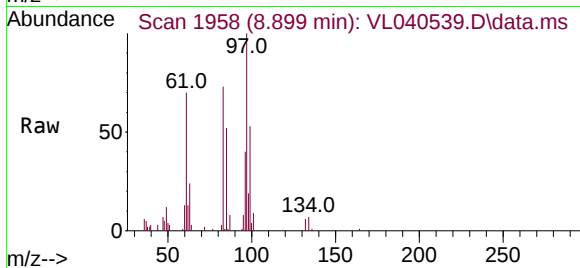
Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 97 Resp: 34174

Ion Ratio Lower Upper

97 100

83 71.9 73.4 110.0

85 51.9 46.6 70.0

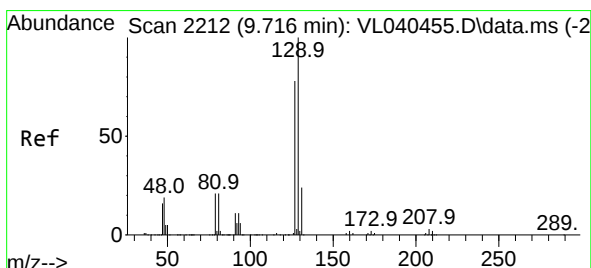
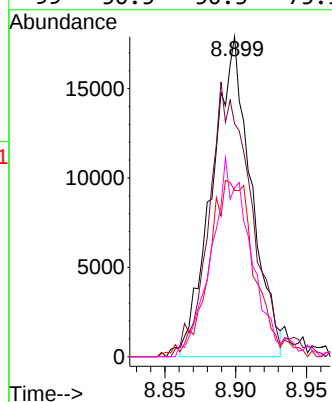
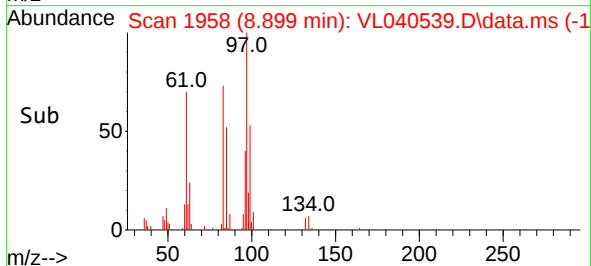
99 50.5 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#48

Dibromochloromethane

Concen: 0.336 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.016 min

Lab File: VL040539.D

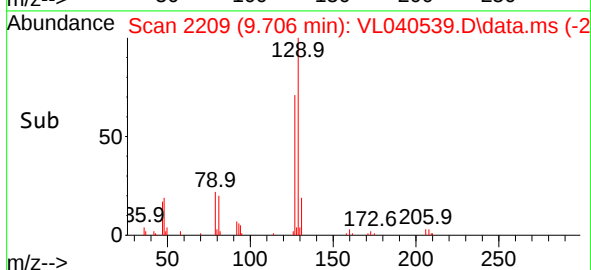
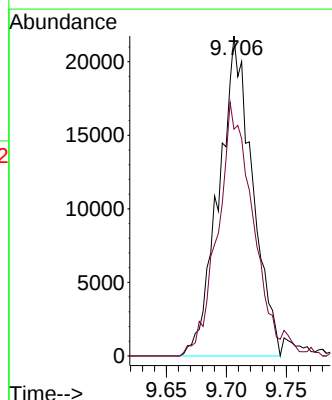
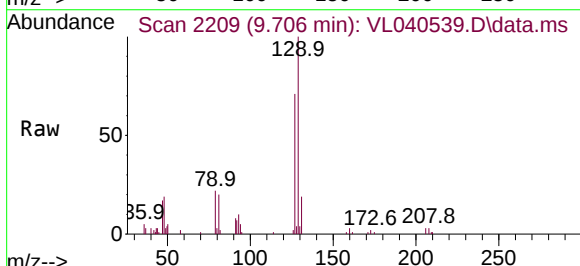
Acq: 14 Jul 2023 23:23

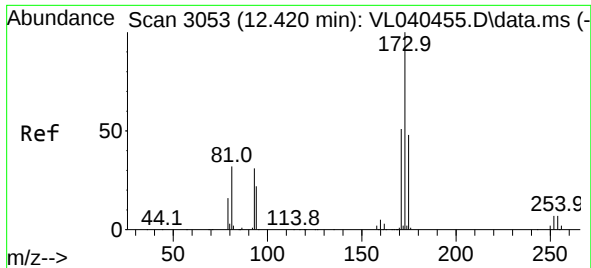
Tgt Ion:129 Resp: 42386

Ion Ratio Lower Upper

129 100

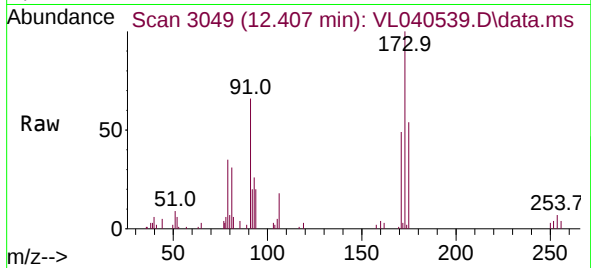
127 85.1 39.1 117.3





#49
Bromoform
Concen: 0.298 ppbv
RT: 12.407 min Scan# 3053
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

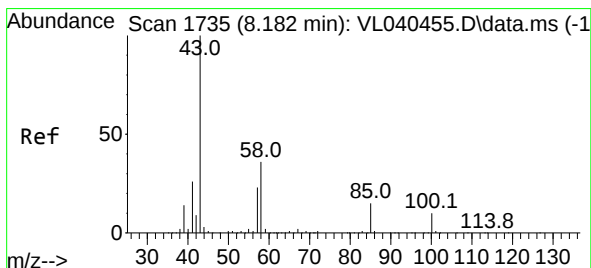
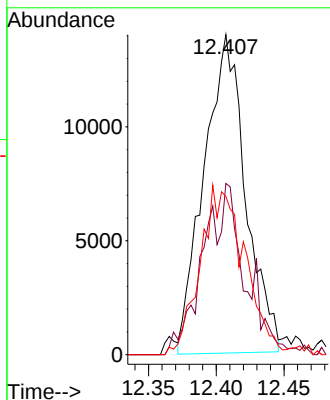
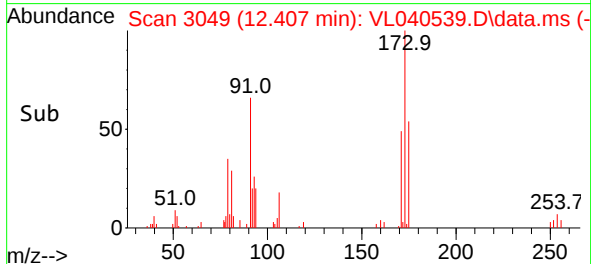
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



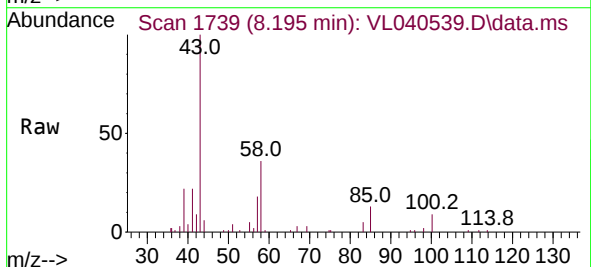
Tgt Ion: 173 Resp: 29892
Ion Ratio Lower Upper
173 100
175 54.9 39.5 59.3
171 58.1 42.2 63.4

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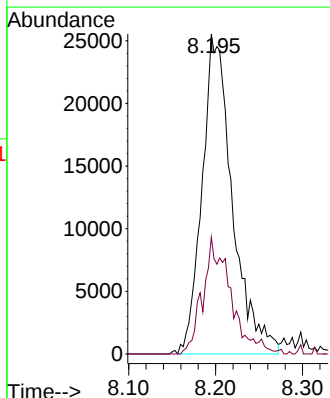
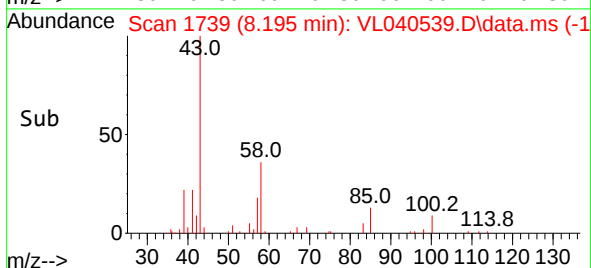
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

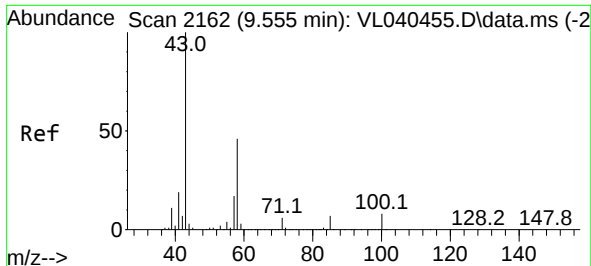


#50
4-Methyl-2-Pentanone
Concen: 0.359 ppbv m
RT: 8.195 min Scan# 1739
Delta R.T. 0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23



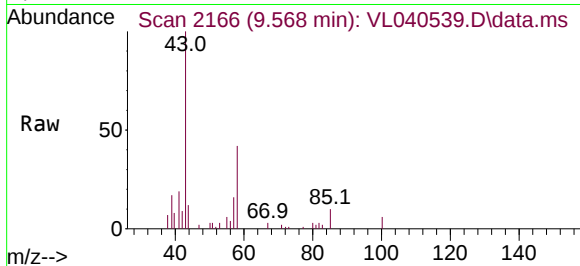
Tgt Ion: 43 Resp: 61659
Ion Ratio Lower Upper
43 100
58 33.8 30.2 45.2





#51
2-Hexanone
Concen: 0.279 ppbv m
RT: 9.568 min Scan# 2166
Delta R.T. 0.007 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

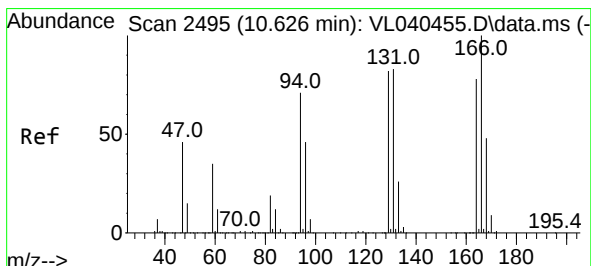
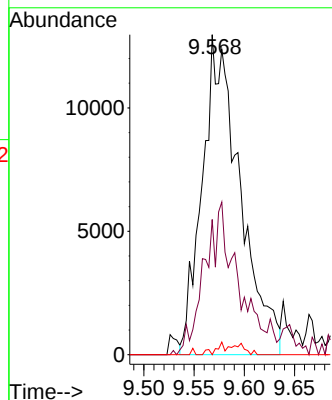
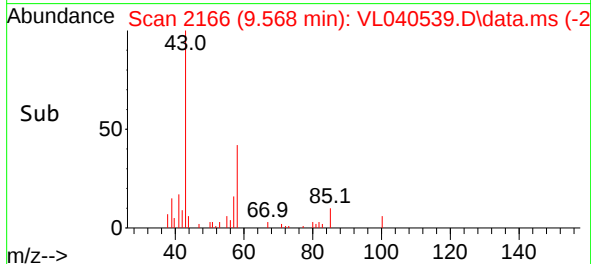
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 3385
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5
98 0.0 0.3 0.5

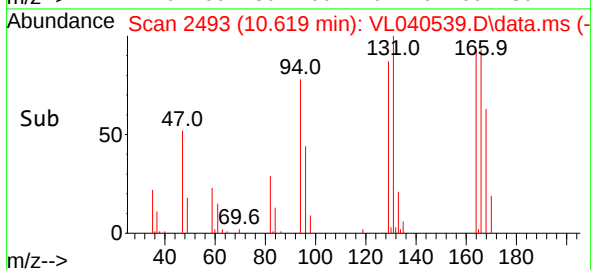
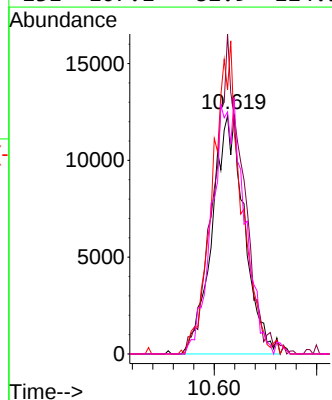
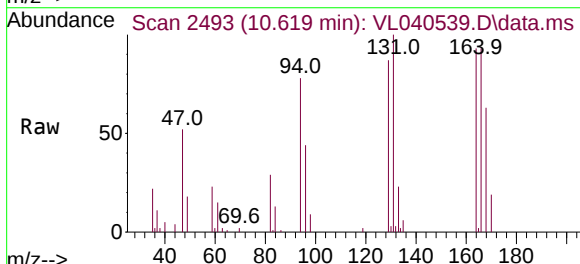
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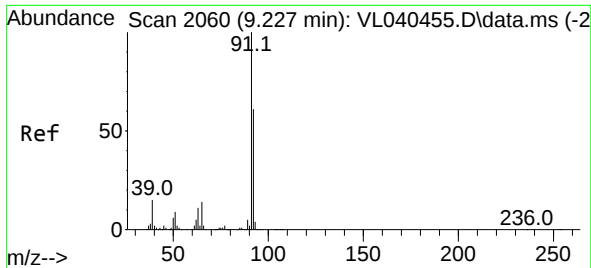
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Tetrachloroethene
Concen: 0.436 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:164 Resp: 27164
Ion Ratio Lower Upper
164 100
166 99.8 103.9 155.9#
129 92.7 84.6 126.8
131 107.1 82.9 124.3





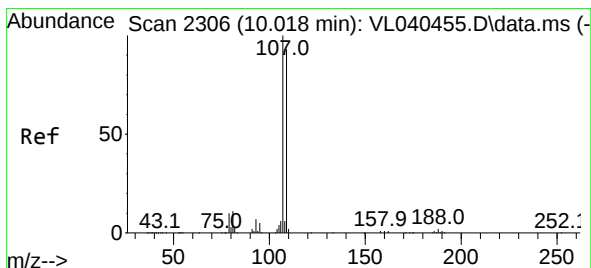
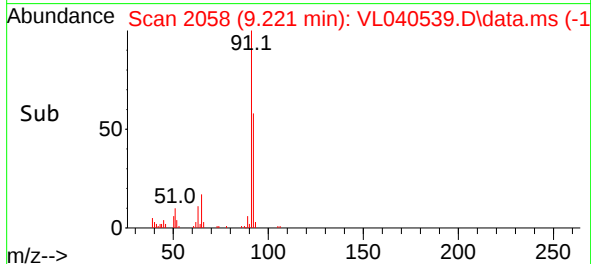
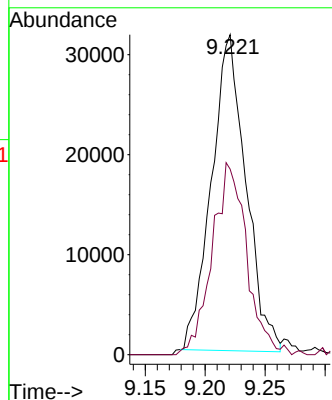
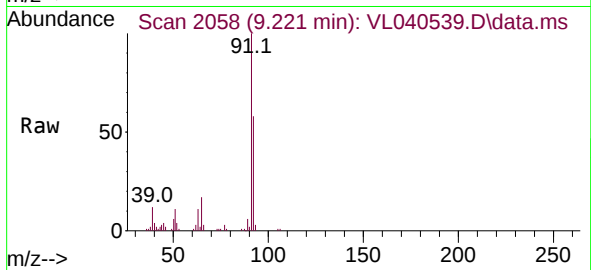
#53
Toluene
Concen: 0.302 ppbv
RT: 9.221 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 63160
Ion Ratio Lower Upper
91 100
92 60.9 49.1 73.7

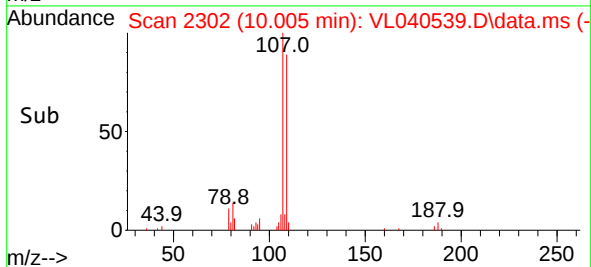
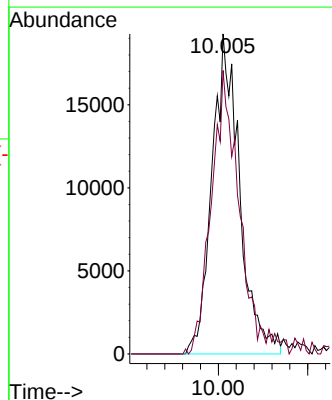
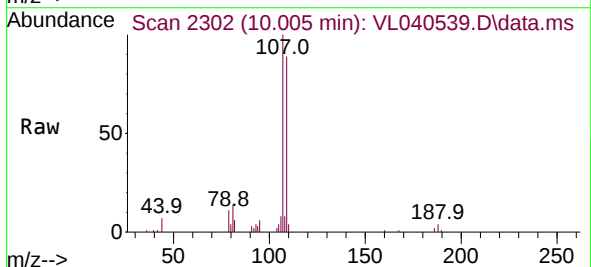
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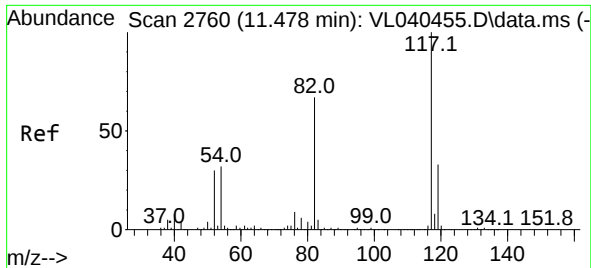
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
1,2-Dibromoethane
Concen: 0.404 ppbv m
RT: 10.005 min Scan# 2302
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

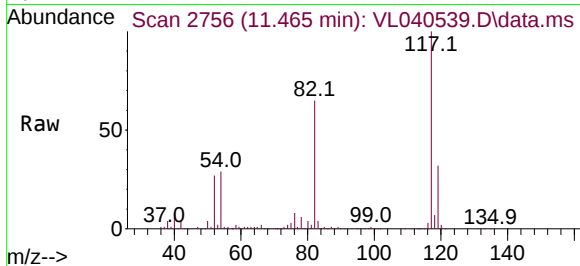
Tgt Ion:107 Resp: 41076
Ion Ratio Lower Upper
107 100
109 88.6 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2105319
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

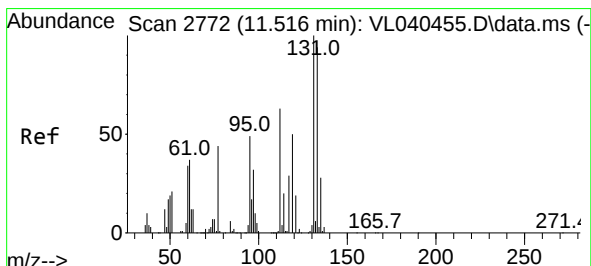
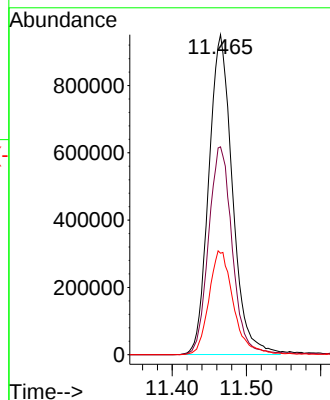
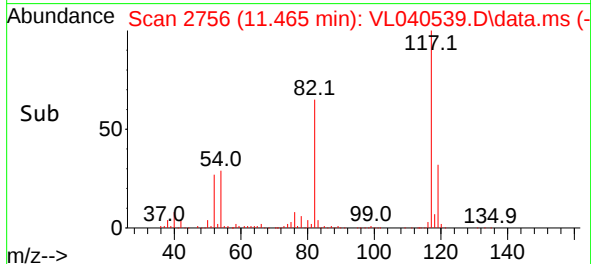
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



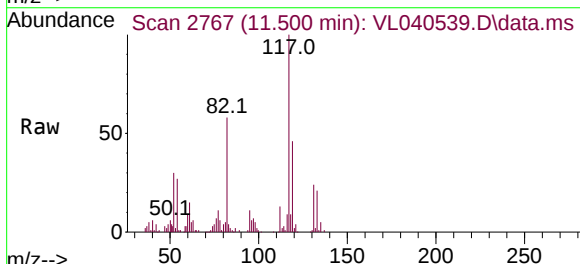
Tgt Ion:117 Resp: 2105319
Ion Ratio Lower Upper
117 100
82 66.0 50.2 75.4
119 34.0 26.9 40.3

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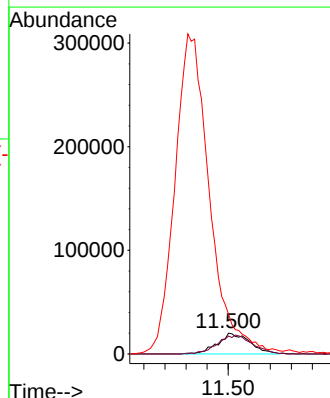
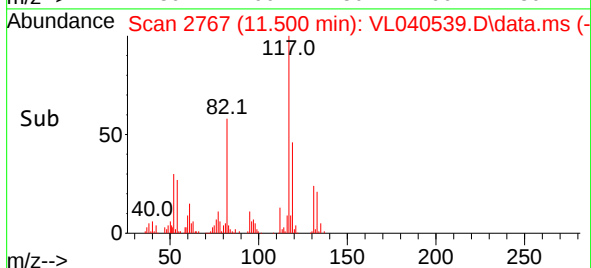
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

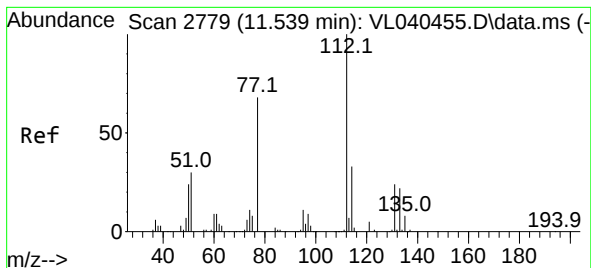


#56
1,1,1,2-Tetrachloroethane
Concen: 0.452 ppbv m
RT: 11.500 min Scan# 2767
Delta R.T. -0.019 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23



Tgt Ion:131 Resp: 42651
Ion Ratio Lower Upper
131 100
133 98.3 76.3 114.5
119 0.0 51.1 76.7#





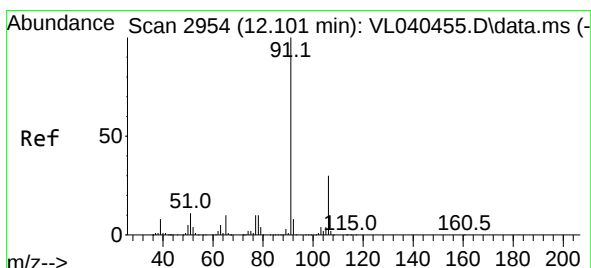
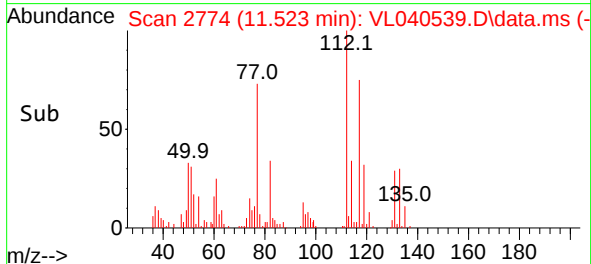
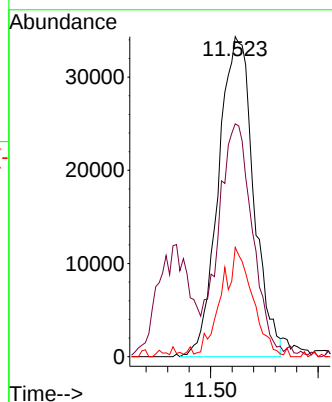
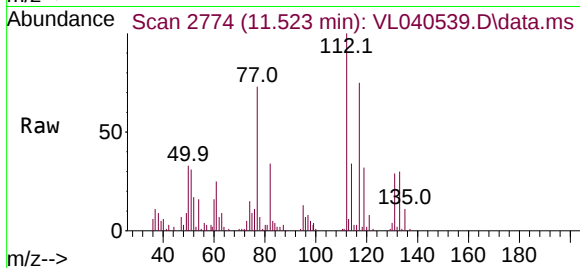
#57
Chlorobenzene
Concen: 0.475 ppbv
RT: 11.523 min Scan# 211
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 112 Resp: 7801
Ion Ratio Lower Upper
112 100
77 70.9 51.0 76.6
114 34.0 28.3 34.5

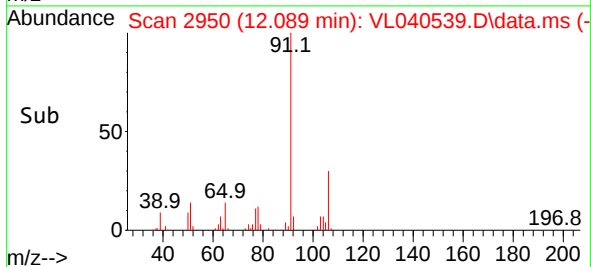
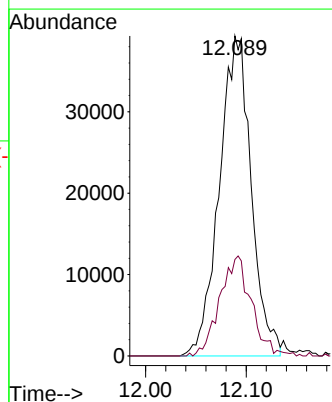
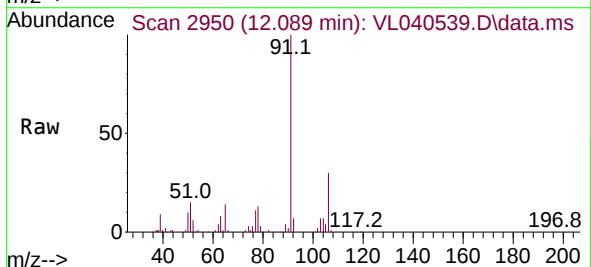
Manual Integrations
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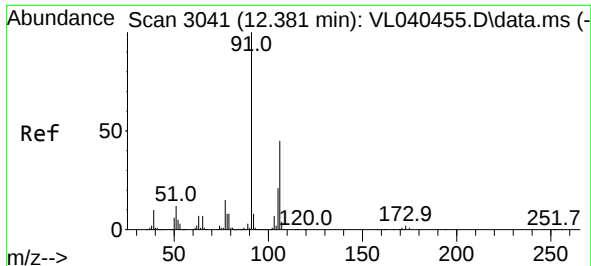
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#58
Ethyl Benzene
Concen: 0.328 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 91 Resp: 86639
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0





#59

m/p-Xylene

Concen: 0.723 ppbv m

RT: 12.368 min Scan# 3041

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 17042

Ion Ratio Lower Upper

91 100

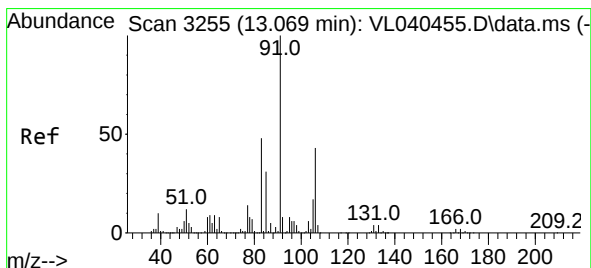
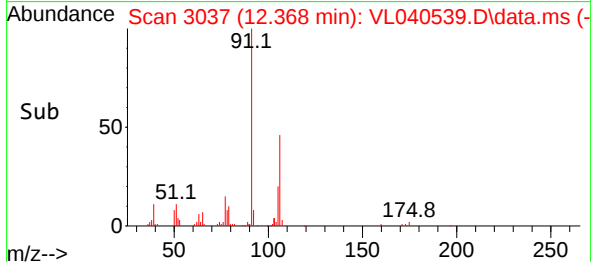
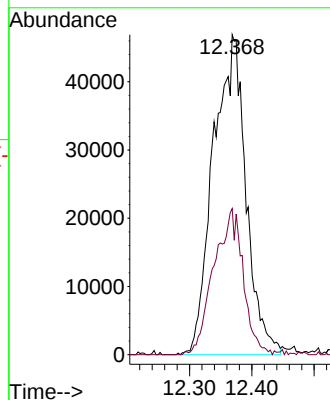
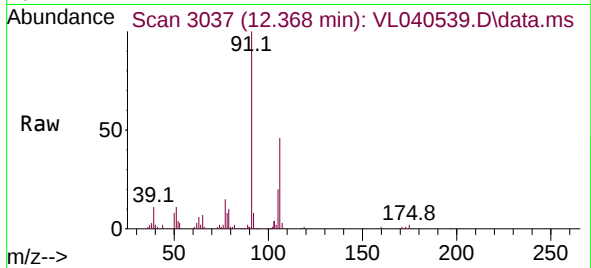
106 41.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#60

o-Xylene

Concen: 0.354 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.016 min

Lab File: VL040539.D

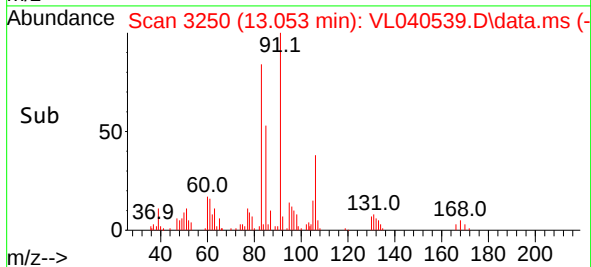
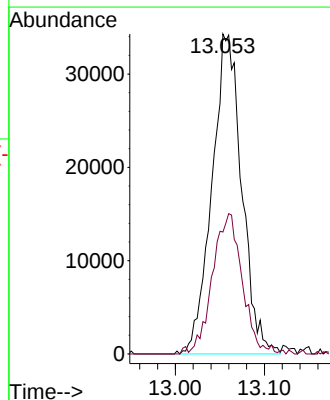
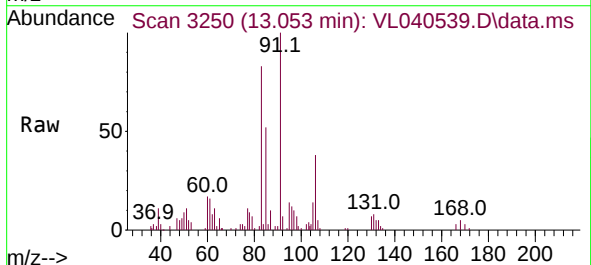
Acq: 14 Jul 2023 23:23

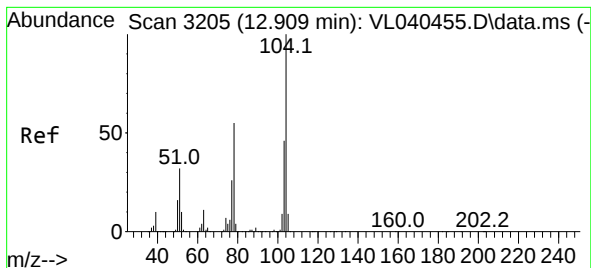
Tgt Ion: 91 Resp: 79560

Ion Ratio Lower Upper

91 100

106 44.0 22.7 68.0





#61

Styrene

Concen: 0.255 ppbv m

RT: 12.896 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

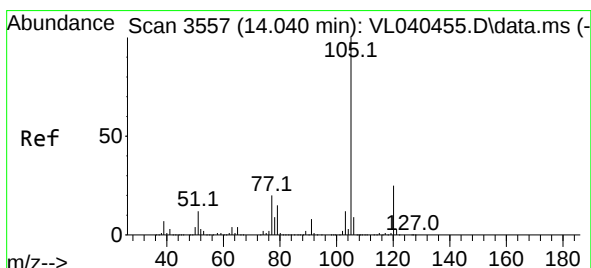
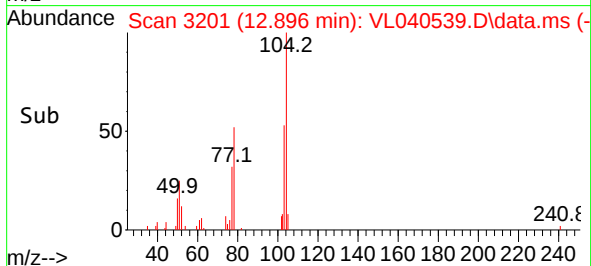
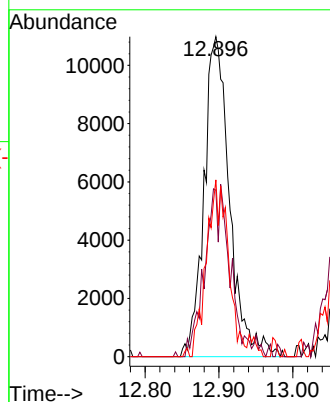
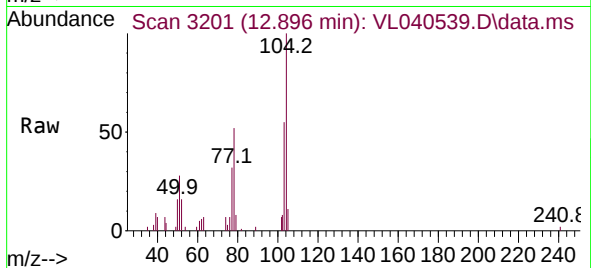
Tgt Ion:104	Resp:	2645
Ion Ratio	Lower	Upper
104	100	
78	54.4	40.1 60.1
103	49.6	37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#62

Isopropylbenzene

Concen: 0.387 ppbv

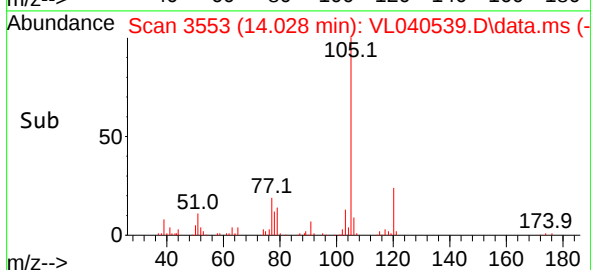
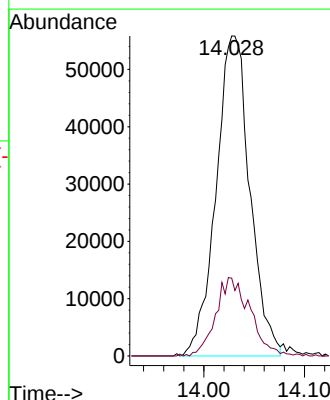
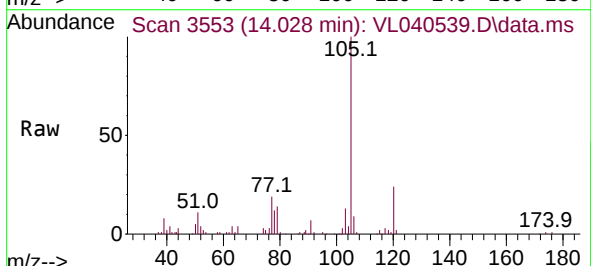
RT: 14.028 min Scan# 3553

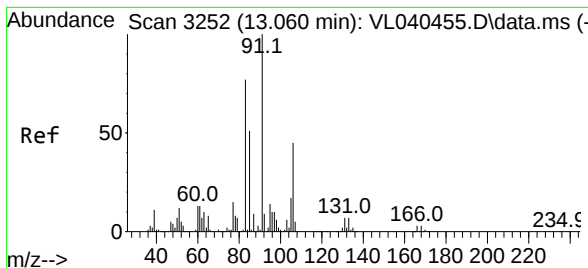
Delta R.T. -0.013 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

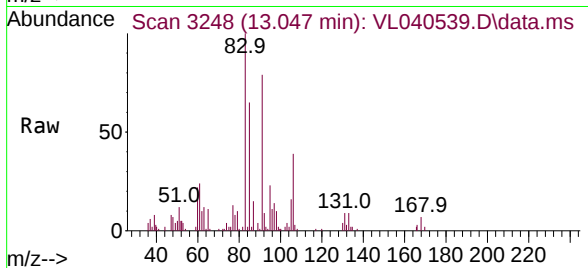
Tgt Ion:105	Resp:	130391
Ion Ratio	Lower	Upper
105	100	
120	24.9	20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.490 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

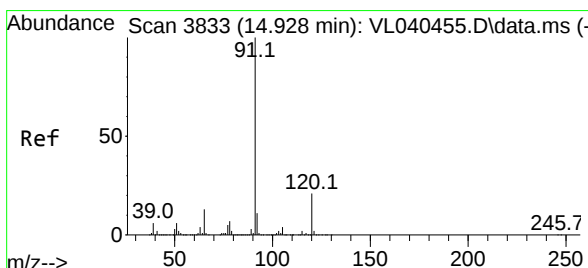
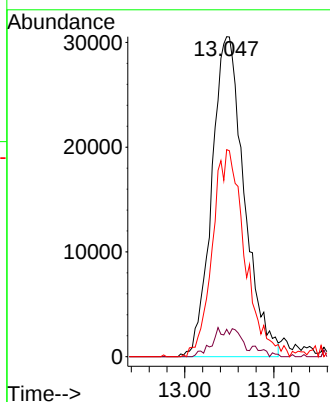
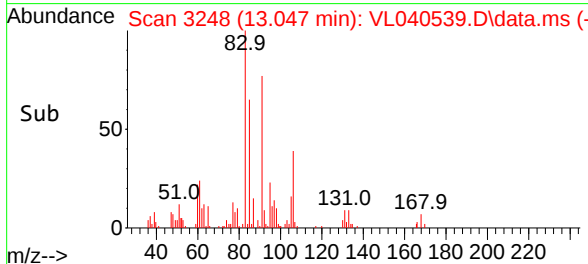
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 83 Resp: 77070
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 64.8 32.8 98.3

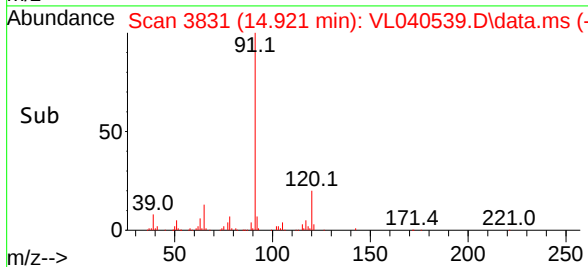
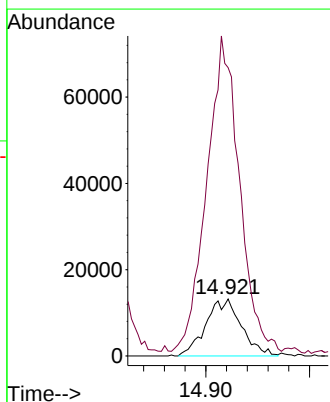
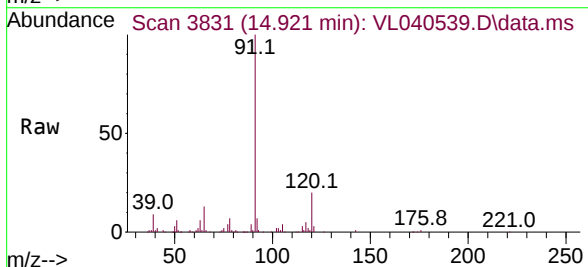
Manual Integrations
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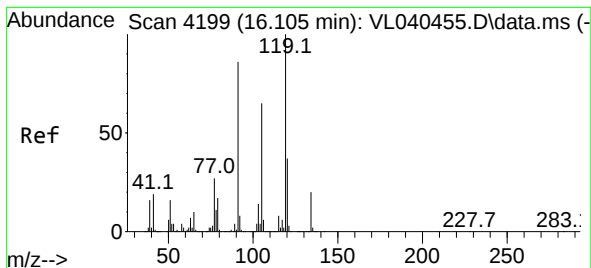
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
n-propylbenzene
Concen: 0.361 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:120 Resp: 31459
Ion Ratio Lower Upper
120 100
91 523.2 374.3 561.5





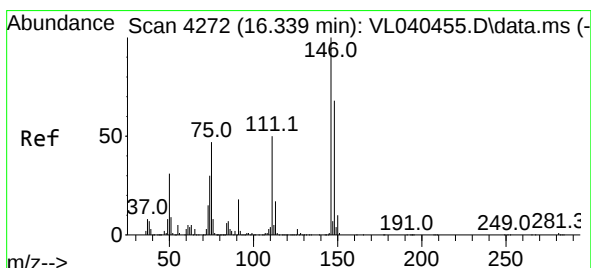
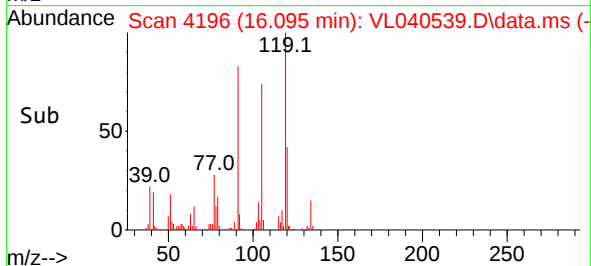
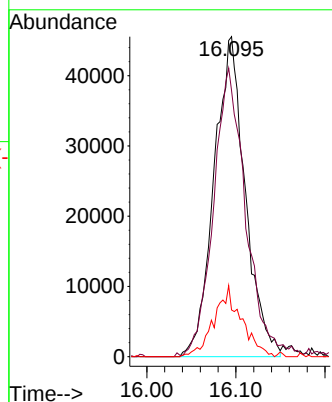
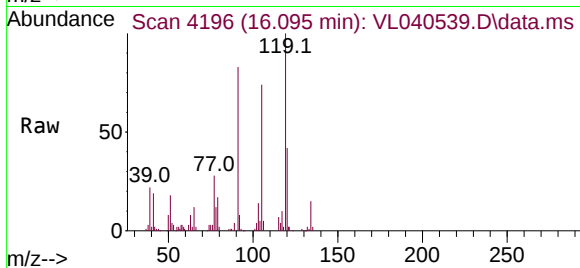
#65
tert-Butylbenzene
Concen: 0.371 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:119 Resp: 110620
Ion Ratio Lower Upper
119 100
91 94.3 66.1 99.1
134 19.7 15.7 23.5

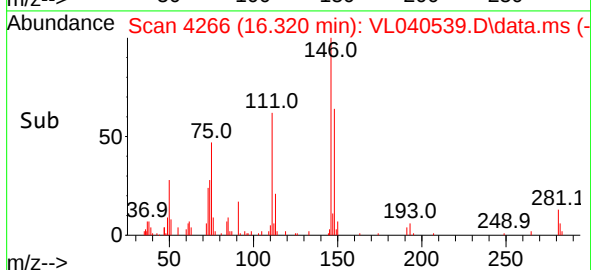
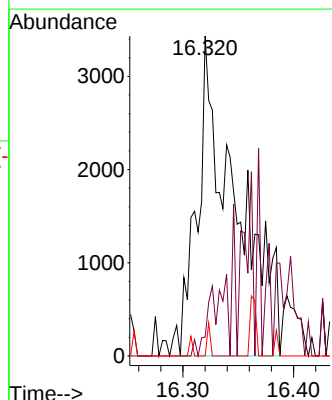
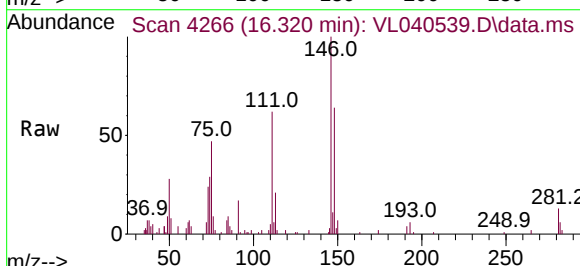
Manual Integrations
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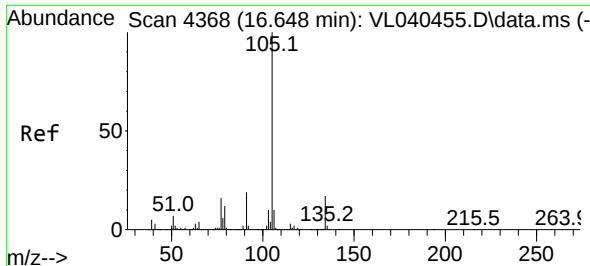
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#66
Benzyl Chloride
Concen: 0.386 ppbv m
RT: 16.320 min Scan# 4266
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

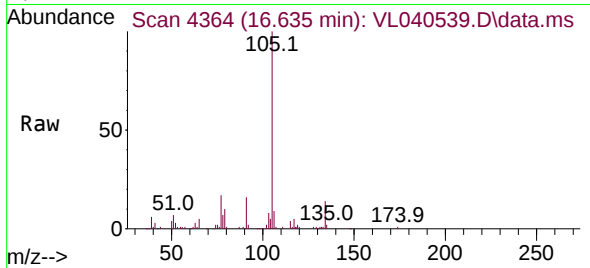
Tgt Ion: 91 Resp: 8138
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#





#67
 sec-Butylbenzene
 Concen: 0.384 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

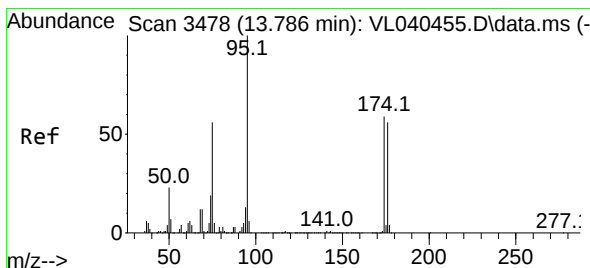
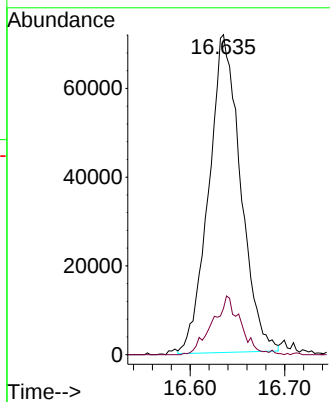
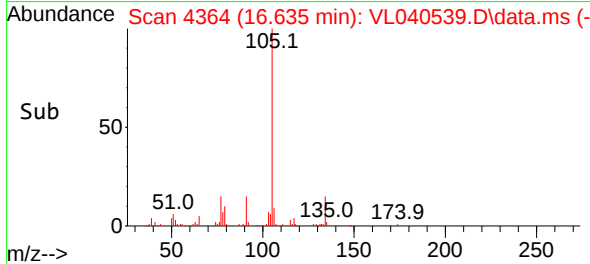
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion:105 Resp: 16797
 Ion Ratio Lower Upper
 105 100
 134 16.6 14.4 21.6

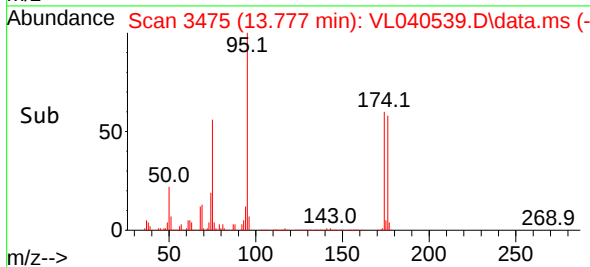
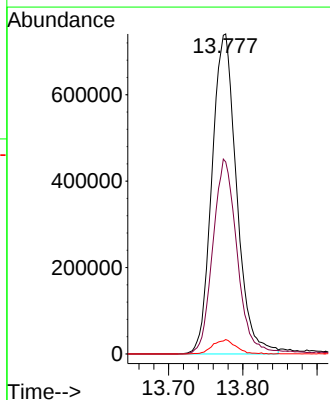
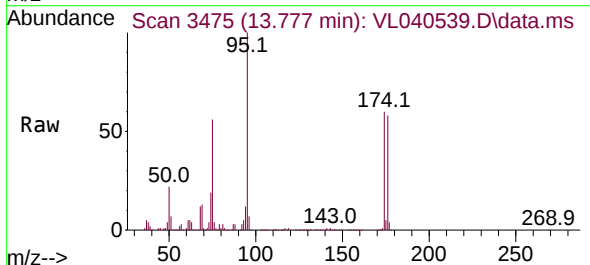
Manual Integrations
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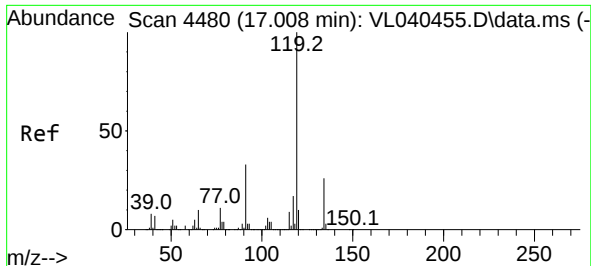
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.261 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.006 min
 Lab File: VL040539.D
 Acq: 14 Jul 2023 23:23

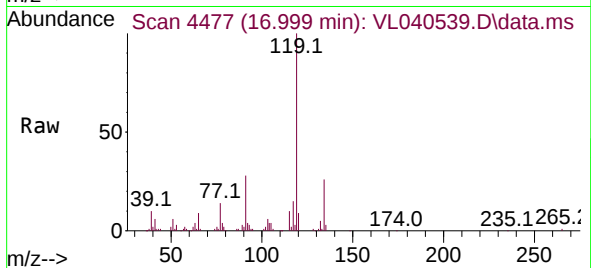
Tgt Ion: 95 Resp: 1709648
 Ion Ratio Lower Upper
 95 100
 174 61.0 50.6 75.8
 175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.362 ppbv m
RT: 16.999 min Scan# 4480
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

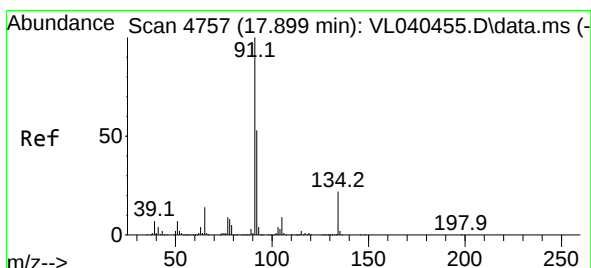
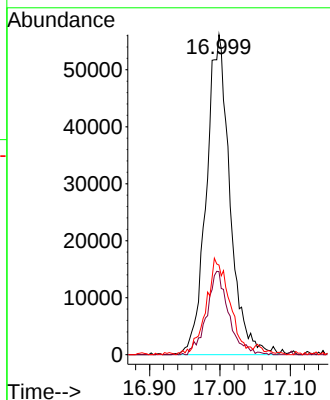
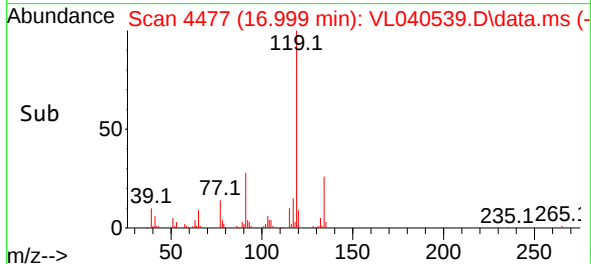
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:119 Resp: 130970
Ion Ratio Lower Upper
119 100
134 24.3 20.5 30.7
91 31.9 23.8 35.8

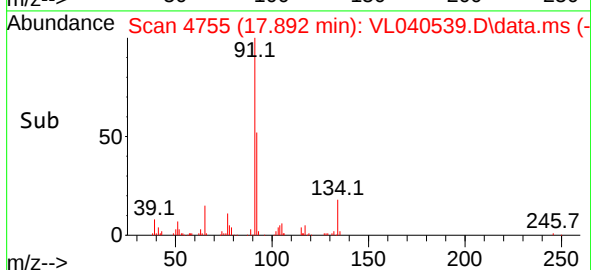
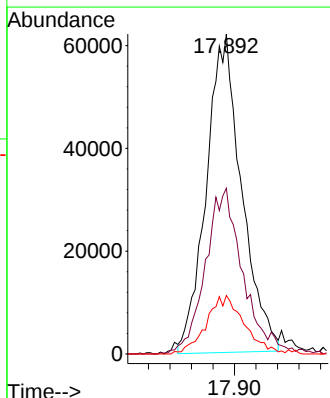
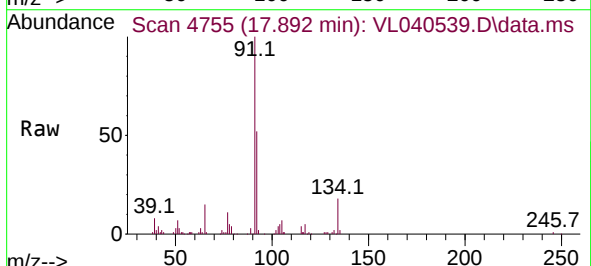
Manual Integrations
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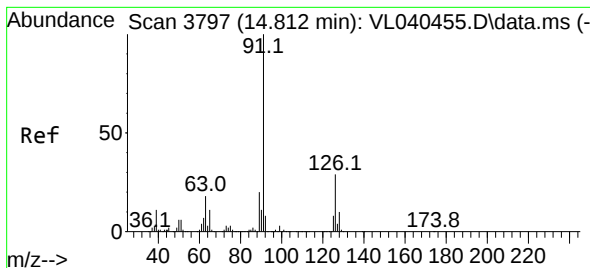
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
n-Butylbenzene
Concen: 0.351 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion: 91 Resp: 141478
Ion Ratio Lower Upper
91 100
92 55.5 43.4 65.0
134 19.9 18.1 27.1





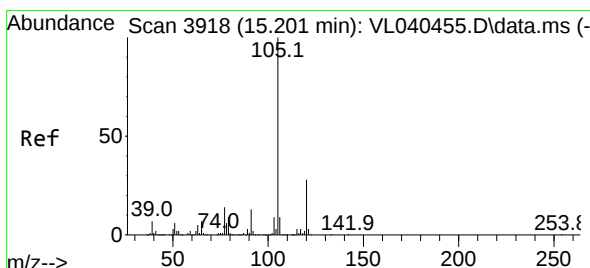
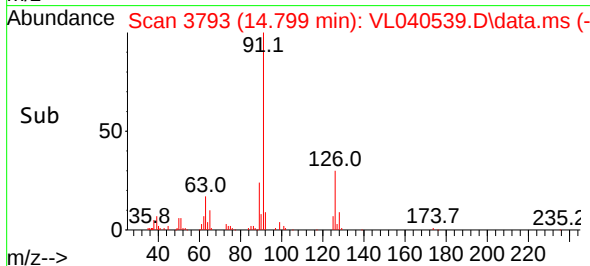
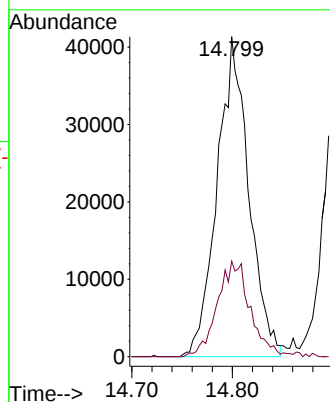
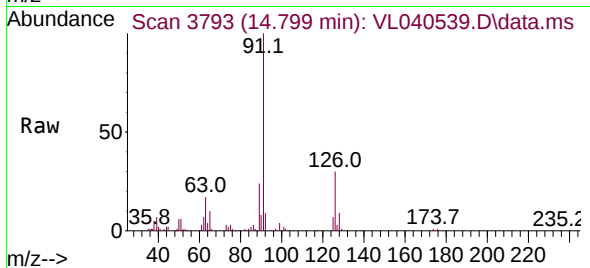
#71
2-Chlorotoluene
Concen: 0.348 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 90330
Ion Ratio Lower Upper
91 100
126 31.4 12.4 49.8

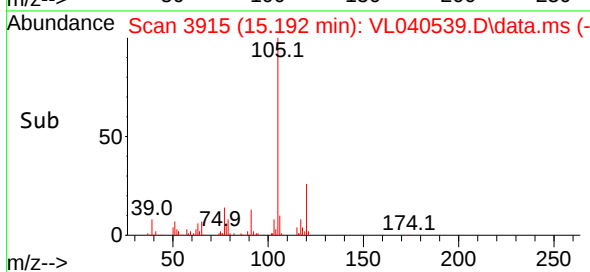
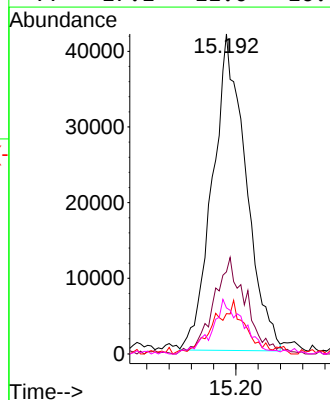
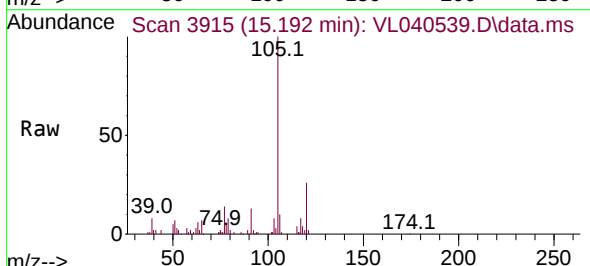
Manual Integrations
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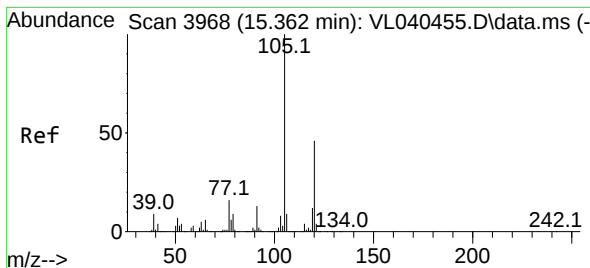
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#72
4-Ethyltoluene
Concen: 0.330 ppbv
RT: 15.192 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:105 Resp: 86959
Ion Ratio Lower Upper
105 100
120 30.6 24.6 37.0
91 17.3 10.7 16.1#
77 17.1 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.360 ppbv m

RT: 15.352 min Scan# 3965

Delta R.T. -0.010 min

Lab File: VL040539.D

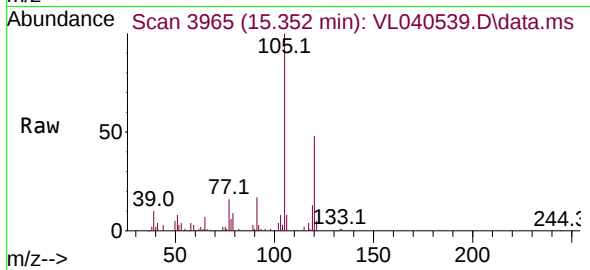
Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion:105 Resp: 8348

Ion Ratio Lower Upper

105 100

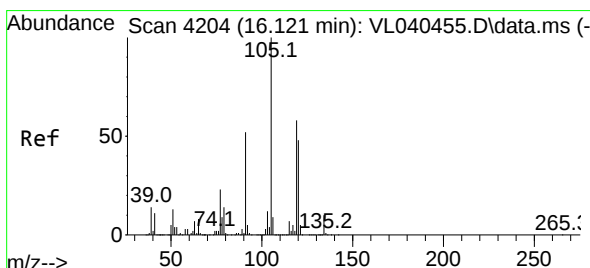
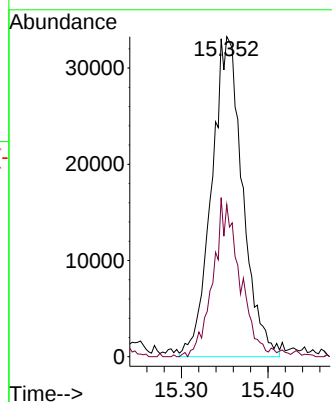
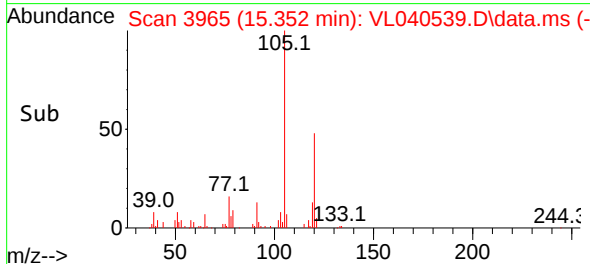
120 47.5 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.394 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. -0.013 min

Lab File: VL040539.D

Acq: 14 Jul 2023 23:23

Tgt Ion:105 Resp: 106624

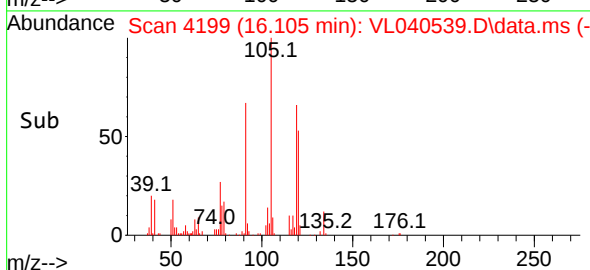
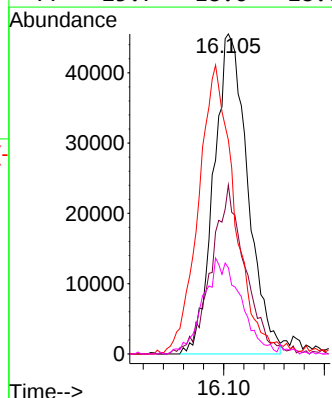
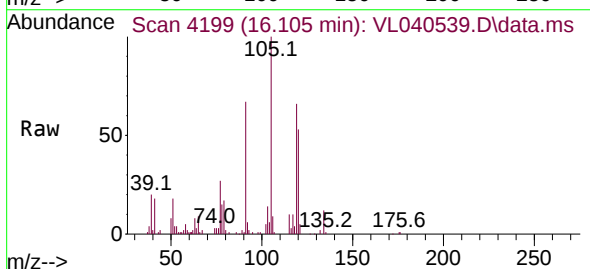
Ion Ratio Lower Upper

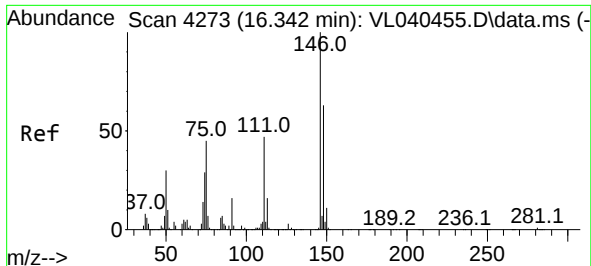
105 100

120 50.9 40.3 60.5

91 64.1 46.8 70.2

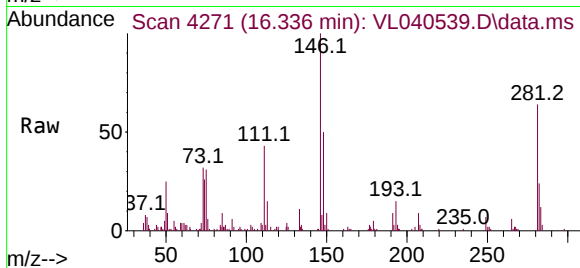
77 25.7 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 0.440 ppbv m
RT: 16.336 min Scan# 4313
Delta R.T. -0.006 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

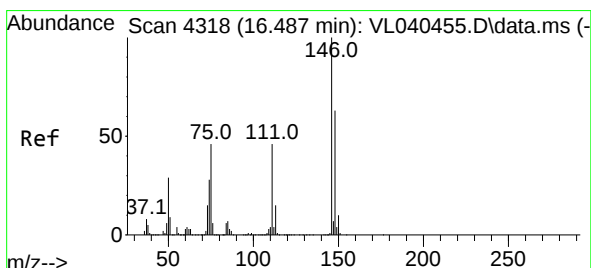
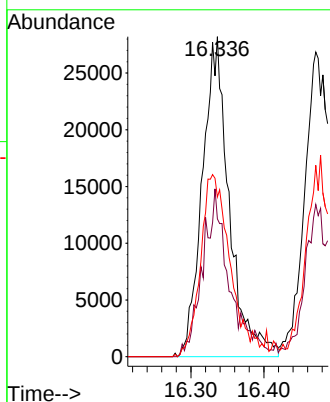
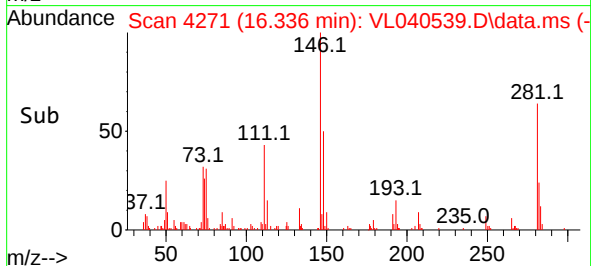
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion:146 Resp: 72159
Ion Ratio Lower Upper
146 100
111 52.5 23.6 71.0
148 62.4 32.2 96.6

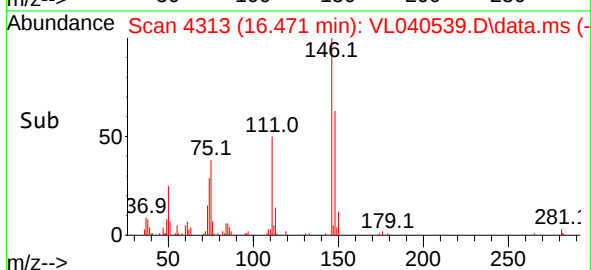
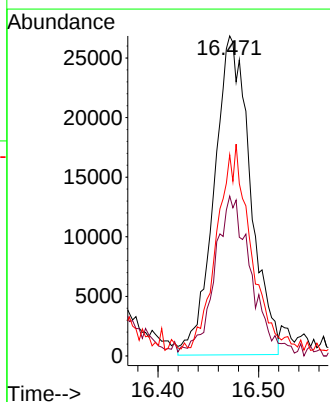
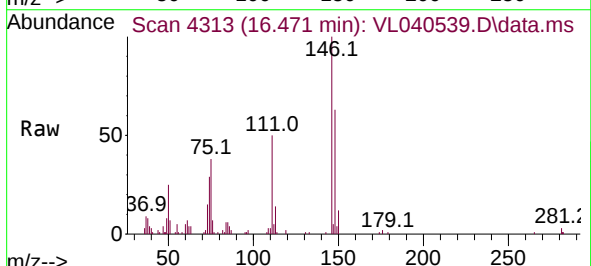
Manual Integrations
APPROVED

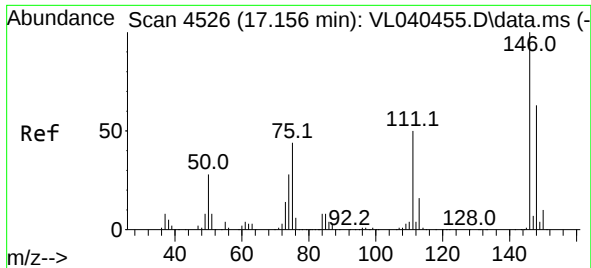
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,4-Dichlorobenzene
Concen: 0.417 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.016 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

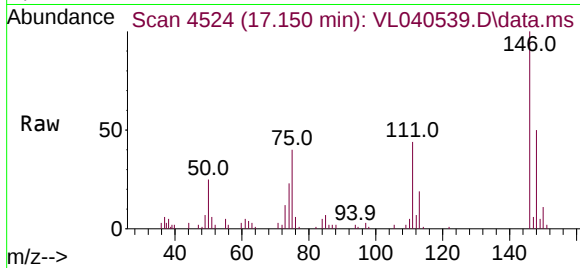
Tgt Ion:146 Resp: 67112
Ion Ratio Lower Upper
146 100
111 53.2 22.8 68.3
148 67.7 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 0.439 ppbv m
RT: 17.150 min Scan# 4526
Delta R.T. -0.003 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

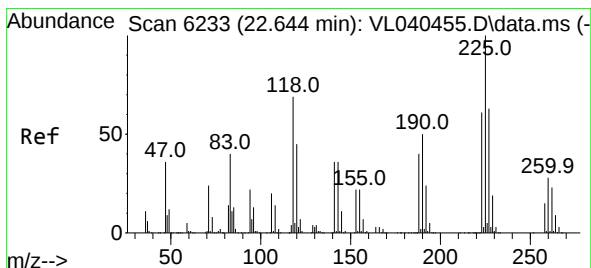
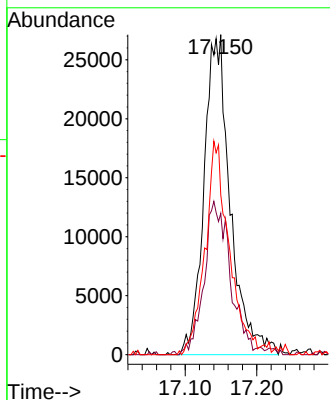
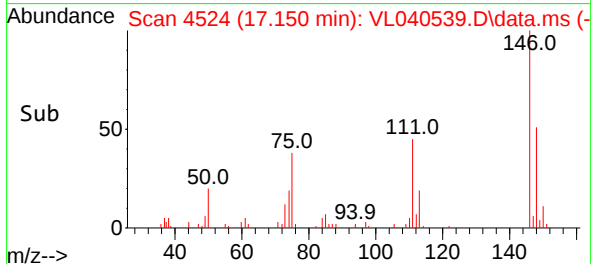
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



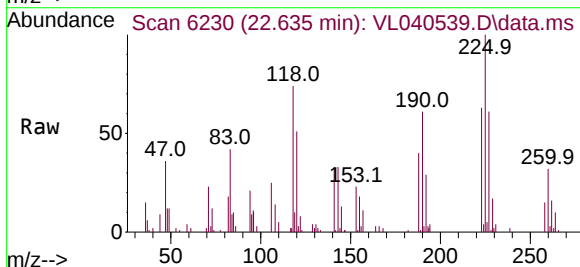
Tgt Ion:146 Resp: 68919
Ion Ratio Lower Upper
146 100
111 49.5 24.3 72.8
148 63.2 32.1 96.3

Manual Integrations
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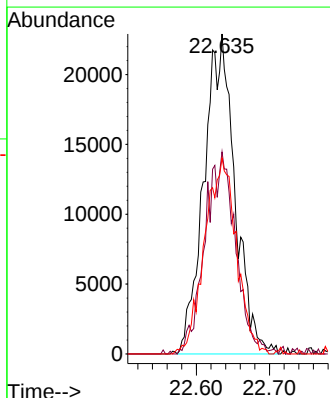
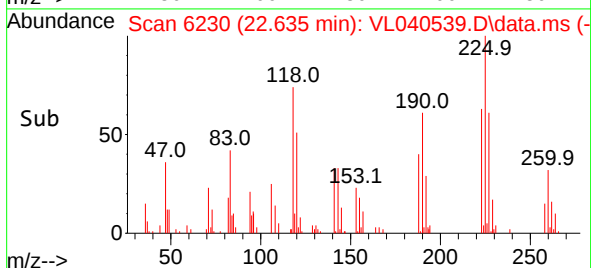
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

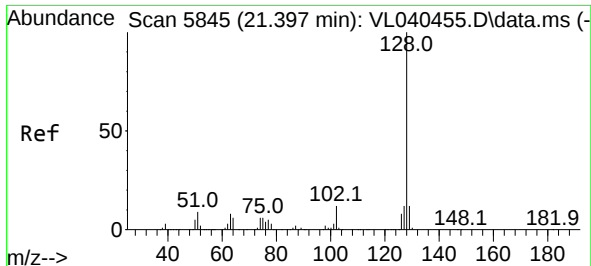


#78
Hexachloro-1,3-Butadiene
Concen: 0.458 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23



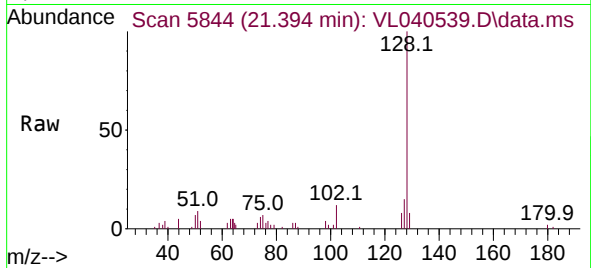
Tgt Ion:225 Resp: 67556
Ion Ratio Lower Upper
225 100
223 0.0 50.3 75.5#
227 0.0 51.0 76.6#





#79
Naphthalene
Concen: 0.290 ppbv m
RT: 21.394 min Scan# 5844
Delta R.T. 0.000 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

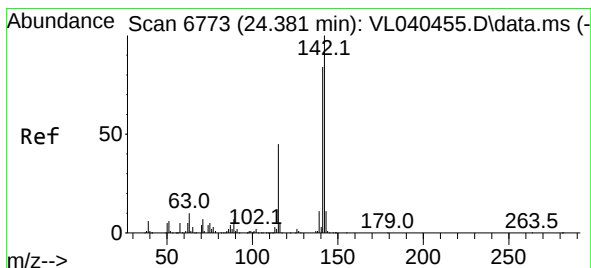
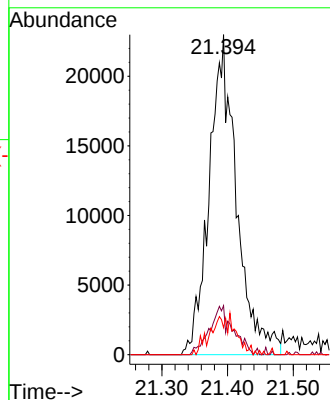
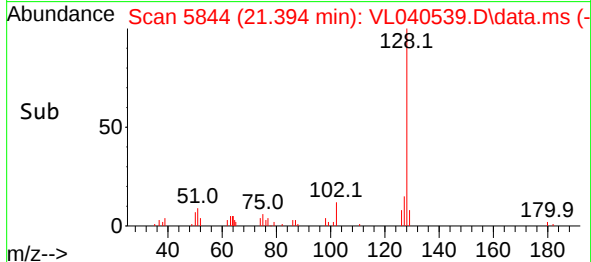
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:128 Resp: 66324
Ion Ratio Lower Upper
128 100
127 15.3 10.7 16.1
129 8.5 9.2 13.8

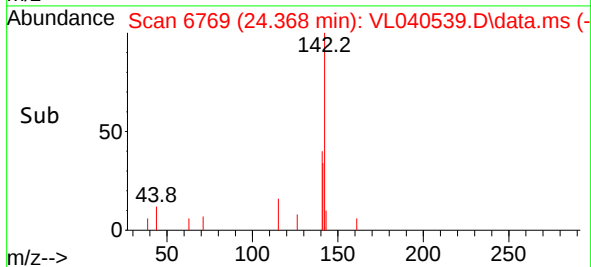
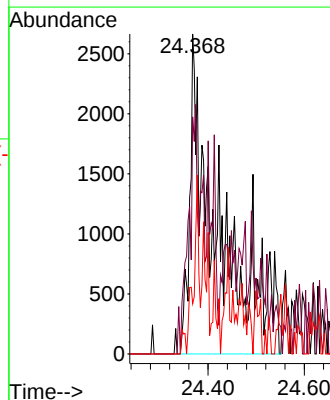
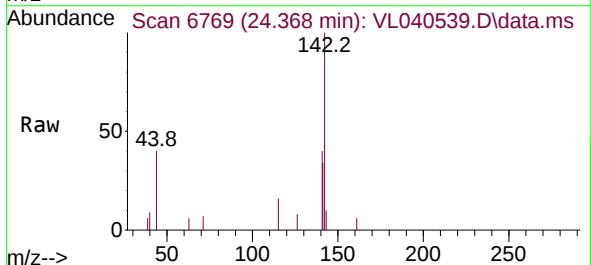
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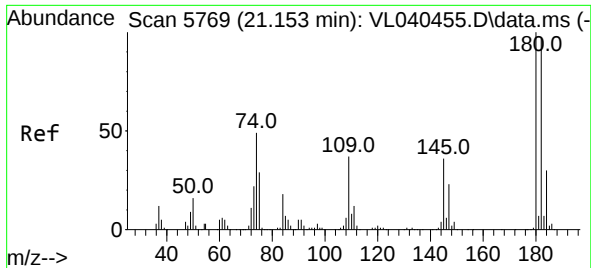
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
Naphthalene,2-methyl-
Concen: 0.112 ppbv m
RT: 24.368 min Scan# 6769
Delta R.T. -0.010 min
Lab File: VL040539.D
Acq: 14 Jul 2023 23:23

Tgt Ion:142 Resp: 10542
Ion Ratio Lower Upper
142 100
141 25.8 66.7 100.1#
115 22.1 33.0 49.6#





#81

1,2,4-Trichlorobenzene

Concen: 0.325 ppbv m

RT: 21.146 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL040539.D

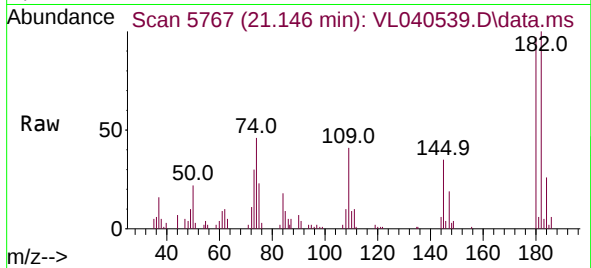
Acq: 14 Jul 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion:180 Resp: 5131

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3

184 0.0 24.5 36.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023

