

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040558.D
 Acq On : 27 Jul 2023 2:47
 Operator : SY/MD
 Sample : 03572-13 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 27 04:46:29 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 : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	999396	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2589349	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	2251840	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1847669	10.367	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	113115m	0.566	ppbv	
3) Chlorodifluoromethane	2.655	51	86539	0.546	ppbv	99
4) Chloromethane	2.796	50	32466	0.517	ppbv	94
5) Vinyl Chloride	2.902	62	31211	0.474	ppbv	94
6) Bromomethane	3.108	94	15368m	0.553	ppbv	
7) Chloroethane	3.179	64	12283	0.531	ppbv #	81
8) Dichlorotetrafluoroethane	2.841	85	89203	0.542	ppbv	100
9) Propene	2.677	41	24002	0.443	ppbv	96
10) Heptane	7.571	43	41834	0.349	ppbv	95
11) Trichlorofluoromethane	3.546	101	90617	0.562	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.047	101	64377	0.567	ppbv	99
13) Ethanol	3.237	45	7841m	0.665	ppbv	
14) Bromoethene	3.349	108	23898	0.489	ppbv	95
15) Acetone	3.465	43	77750	0.676	ppbv	92
16) 1,3-Butadiene	2.970	39	23785	0.410	ppbv	84
17) tert-Butyl alcohol	3.880	59	61394	0.516	ppbv	100
18) 1,1-Dichloroethene	3.861	96	26524	0.508	ppbv	89
19) Isopropyl Alcohol	3.578	45	30128	0.456	ppbv #	82
20) Methylene Chloride	3.918	84	28392	0.580	ppbv #	84
21) Allyl Chloride	3.983	41	27656	0.421	ppbv #	72
22) trans-1,2-Dichloroethene	4.430	96	25608	0.497	ppbv	96
23) Vinyl Acetate	4.616	43	46814	0.427	ppbv #	90
24) 1,1-Dichloroethane	4.549	63	57559	0.517	ppbv	97
25) Ethyl Acetate	5.198	43	96993	0.443	ppbv #	95
26) Hexane	5.201	57	42396	0.417	ppbv #	80
27) Carbon Disulfide	4.108	76	54807	0.458	ppbv #	80
28) Methyl tert-Butyl Ether	4.581	73	38526	0.470	ppbv	95
29) Chloroform	5.256	83	84916	0.503	ppbv	100
30) Cyclohexane	6.594	84	23534m	0.278	ppbv	
31) cis-1,2-Dichloroethene	5.063	61	40084	0.399	ppbv	92
32) 1,1,1-Trichloroethane	5.992	97	81331m	0.493	ppbv	
34) 2-Butanone	4.783	43	52752	0.412	ppbv	95
35) Carbon Tetrachloride	6.478	117	77318	0.496	ppbv	95
36) Benzene	6.356	78	84547	0.406	ppbv	98
37) 1,2-Dichloroethane	5.793	62	60450	0.493	ppbv	98
38) Trichloroethene	7.275	130	33482m	0.425	ppbv	
39) 1,2-Dichloropropane	7.063	63	38169m	0.476	ppbv	
40) 1,4-Dioxane	7.304	88	12453m	0.496	ppbv	
41) Tetrahydrofuran	5.565	42	26829m	0.359	ppbv	
42) Bromodichloromethane	7.233	83	73827	0.433	ppbv #	83
43) Methyl Methacrylate	7.471	69	24432m	0.313	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	126711	0.378	ppbv #	87
45) t-1,3-Dichloropropene	8.703	75	12400	0.248	ppbv	90

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 LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 27 04:46:29 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 : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

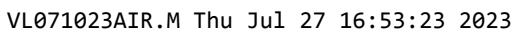
Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

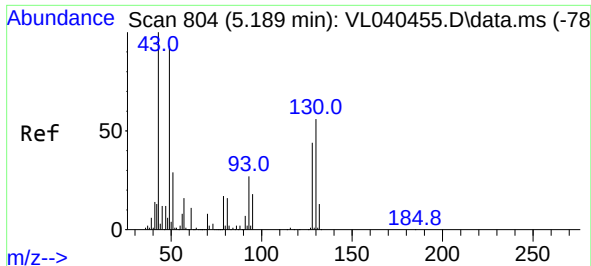
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	20999	0.327	ppbv #	84
47) 1,1,2-Trichloroethane	8.886	97	37562m	0.424	ppbv	
48) Dibromochloromethane	9.700	129	51635	0.377	ppbv	98
49) Bromoform	12.394	173	36078	0.333	ppbv	97
50) 4-Methyl-2-Pentanone	8.192	43	64801	0.349	ppbv	95
51) 2-Hexanone	9.574	43	38653m	0.294	ppbv	
52) Tetrachloroethene	10.606	164	27841m	0.413	ppbv	
53) Toluene	9.211	91	64803	0.286	ppbv	94
54) 1,2-Dibromoethane	10.005	107	44666m	0.406	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.494	131	50346m	0.499	ppbv	
57) Chlorobenzene	11.516	112	84709	0.482	ppbv #	94
58) Ethyl Benzene	12.082	91	91204	0.323	ppbv	97
59) m/p-Xylene	12.368	91	184320m	0.731	ppbv	
60) o-Xylene	13.053	91	84761m	0.353	ppbv	
61) Styrene	12.896	104	27700m	0.250	ppbv	
62) Isopropylbenzene	14.021	105	143771m	0.399	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.044	83	84412	0.502	ppbv	97
64) n-propylbenzene	14.915	120	35361m	0.380	ppbv	
65) tert-Butylbenzene	16.085	119	118367	0.371	ppbv	90
66) Benzyl Chloride	16.330	91	8957m	0.397	ppbv	
67) sec-Butylbenzene	16.629	105	185946	0.397	ppbv	96
69) p-Isopropyltoluene	16.992	119	131750	0.340	ppbv #	91
70) n-Butylbenzene	17.889	91	148246	0.343	ppbv	98
71) 2-Chlorotoluene	14.793	91	97962	0.353	ppbv	98
72) 4-Ethyltoluene	15.188	105	93615m	0.332	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	76270	0.307	ppbv	87
74) 1,2,4-Trimethylbenzene	16.098	105	109775	0.379	ppbv	95
75) 1,3-Dichlorobenzene	16.320	146	76101m	0.434	ppbv	
76) 1,4-Dichlorobenzene	16.468	146	77064m	0.448	ppbv	
77) 1,2-Dichlorobenzene	17.140	146	68851	0.410	ppbv	90
78) Hexachloro-1,3-Butadiene	22.619	225	72659m	0.461	ppbv	
79) Naphthalene	21.390	128	67613m	0.276	ppbv	
80) Naphthalene,2-methyl-	24.377	142	7115	0.070	ppbv #	79
81) 1,2,4-Trichlorobenzene	21.143	180	53869m	0.319	ppbv	

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

Manual Integrations

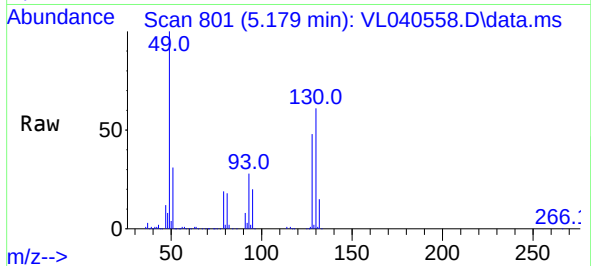
Quant Time: Jul 27 04:46:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jul 27 04:45:44 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

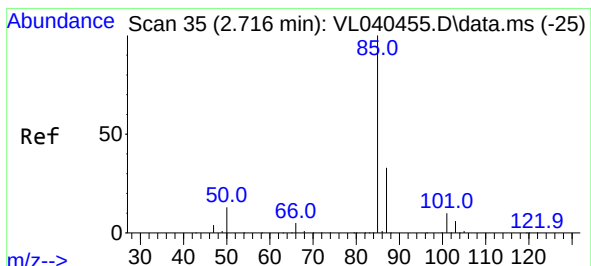
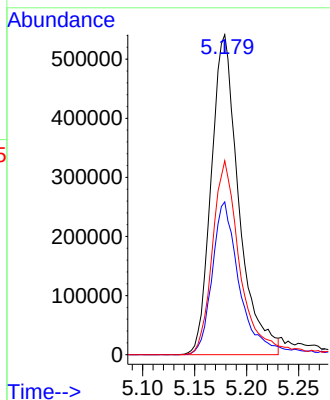
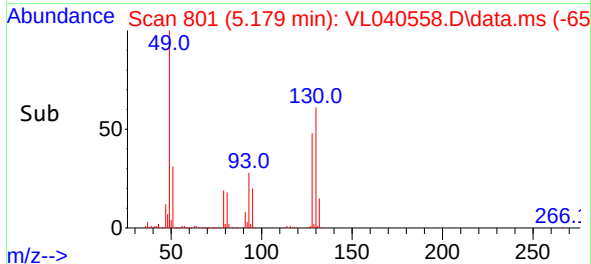
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



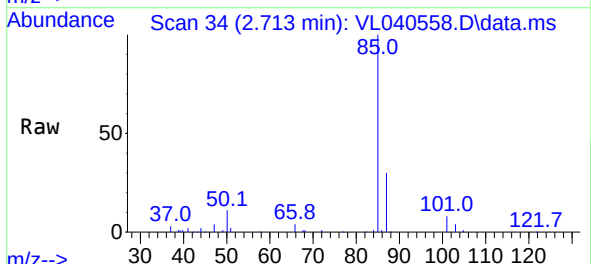
Tgt Ion: 49 Resp: 999390
Ion Ratio Lower Upper
49 100
128 50.1 25.1 75.4
130 62.3 31.6 94.7

Manual Integrations
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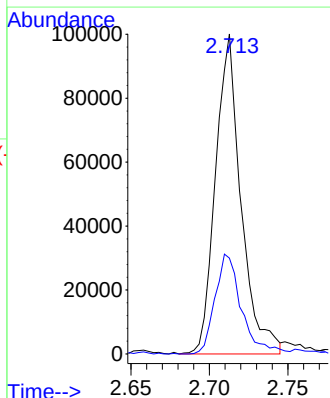
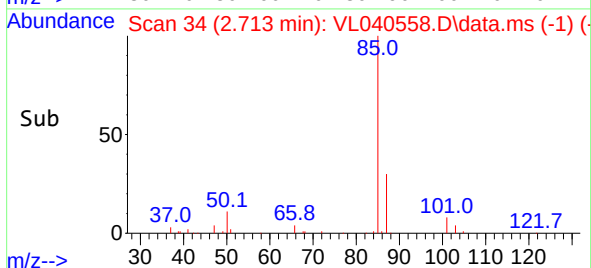
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

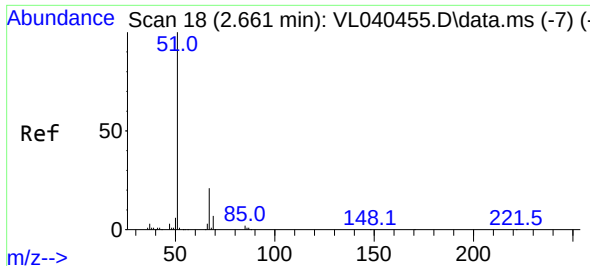


#2
Dichlorodifluoromethane
Concen: 0.566 ppbv m
RT: 2.713 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



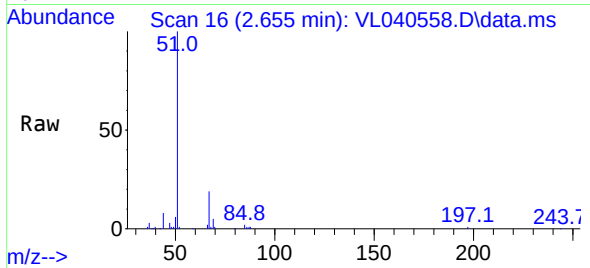
Tgt Ion: 85 Resp: 113115
Ion Ratio Lower Upper
85 100
87 30.0 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.546 ppbv
RT: 2.655 min Scan# 10
Delta R.T. -0.029 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

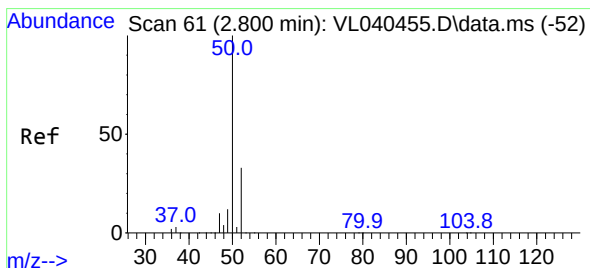
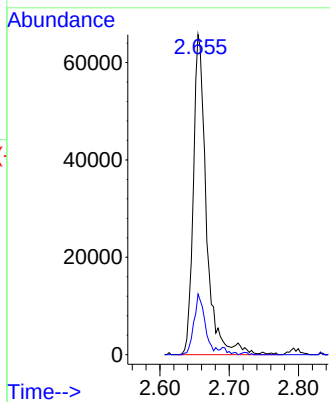
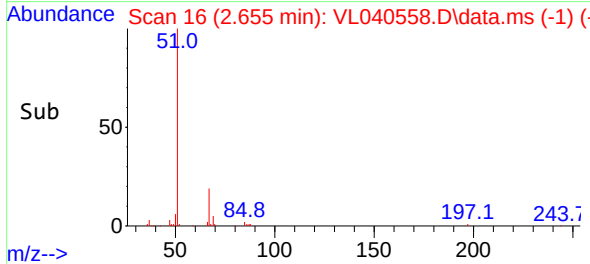
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 51 Resp: 86539
Ion Ratio Lower Upper
51 100
67 17.7 14.6 21.8

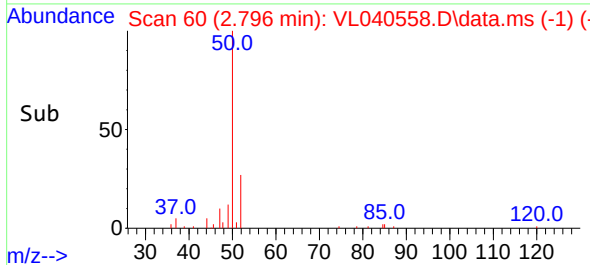
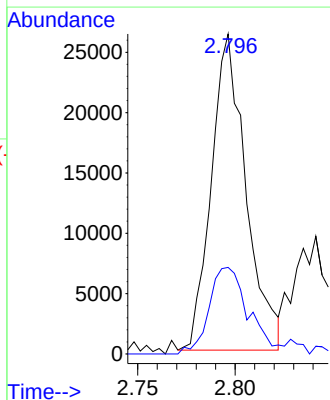
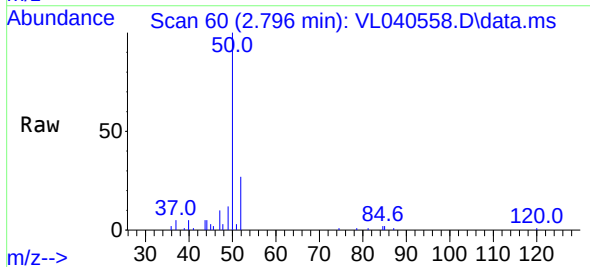
Manual Integrations
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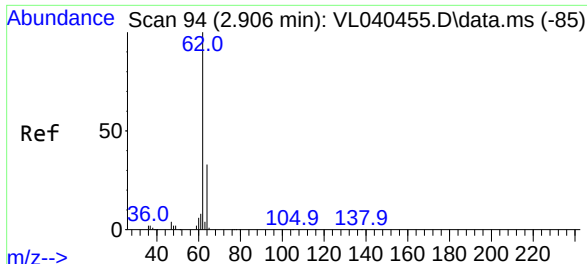
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#4
Chloromethane
Concen: 0.517 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

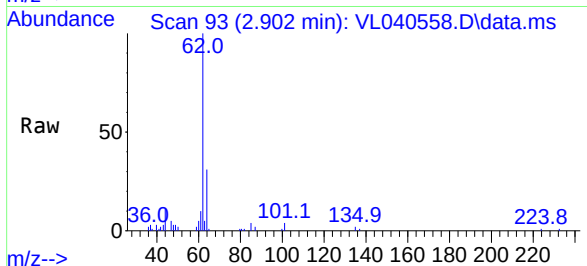
Tgt Ion: 50 Resp: 32466
Ion Ratio Lower Upper
50 100
52 27.4 24.4 36.6





#5
 Vinyl Chloride
 Concen: 0.474 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.026 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

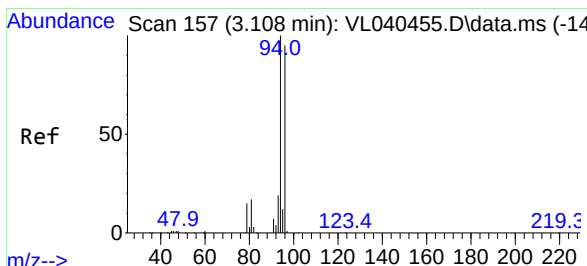
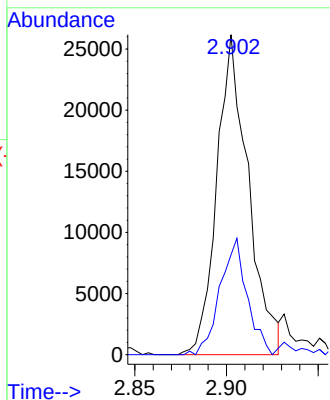
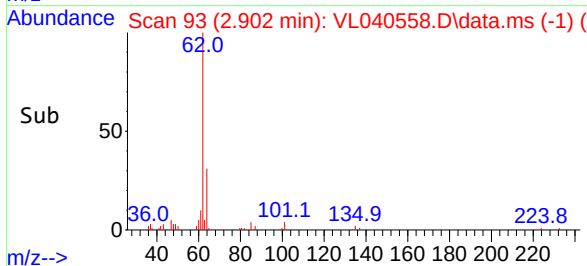
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 62 Resp: 3121
 Ion Ratio Lower Upper
 62 100
 64 29.8 26.4 39.6

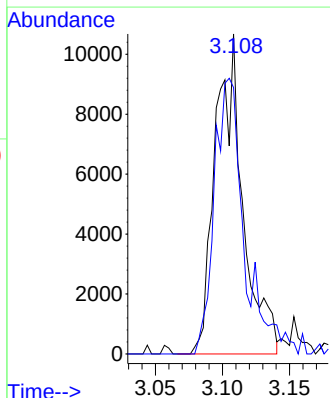
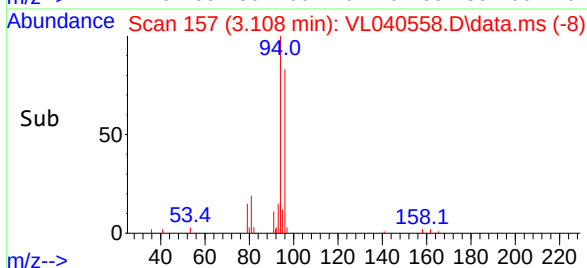
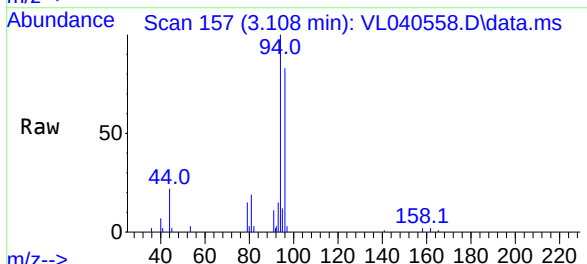
Manual Integrations
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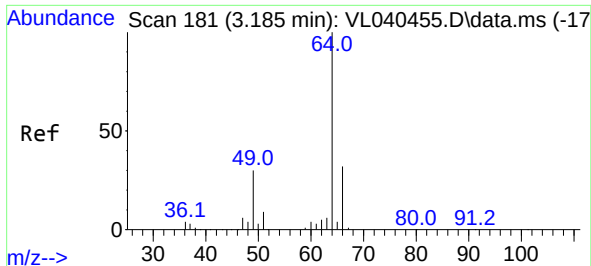
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#6
 Bromomethane
 Concen: 0.553 ppbv m
 RT: 3.108 min Scan# 157
 Delta R.T. -0.019 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

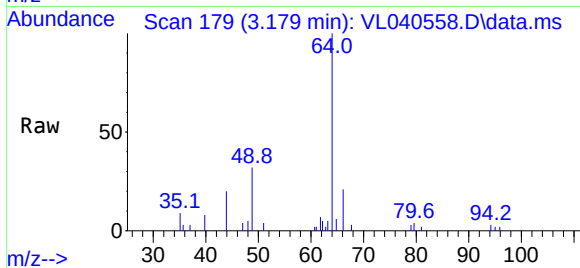
Tgt Ion: 94 Resp: 15368
 Ion Ratio Lower Upper
 94 100
 96 83.3 75.7 113.5





#7
Chloroethane
Concen: 0.531 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

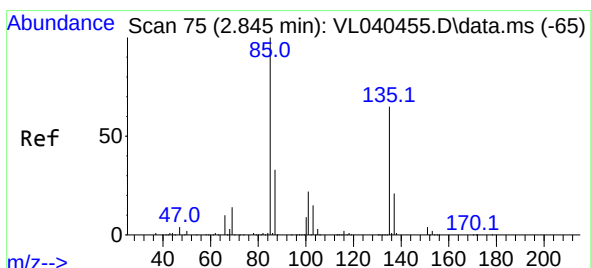
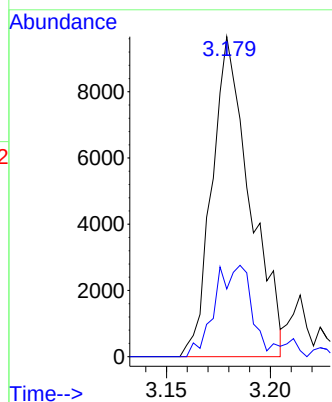
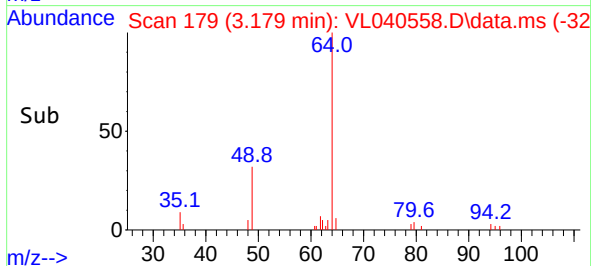
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 64 Resp: 1228
Ion Ratio Lower Upper
64 100
66 19.9 24.4 36.6

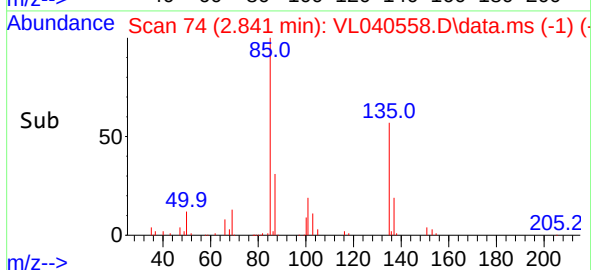
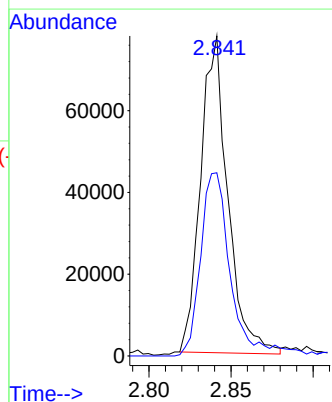
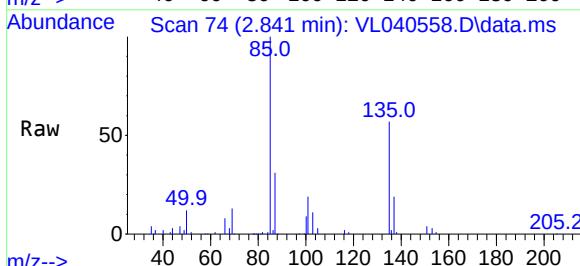
Manual Integrations
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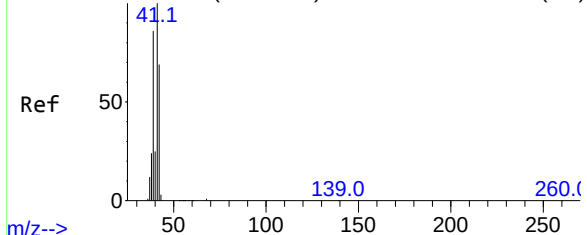


#8
Dichlorotetrafluoroethane
Concen: 0.542 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

Tgt Ion: 85 Resp: 89203
Ion Ratio Lower Upper
85 100
135 65.4 52.4 78.6



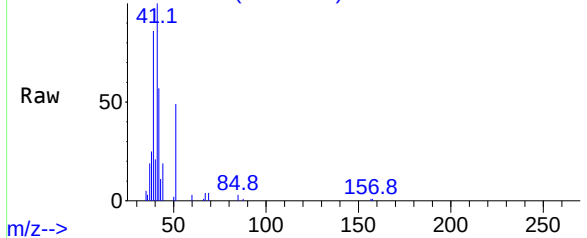
Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9
Propene
Concen: 0.443 ppbv
RT: 2.677 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

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

Abundance Scan 23 (2.677 min): VL040558.D\data.ms

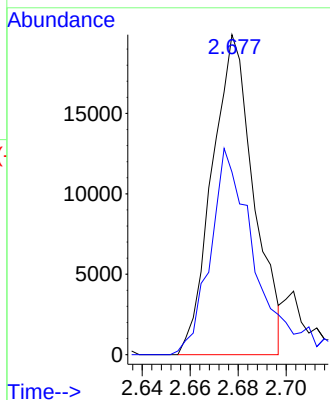
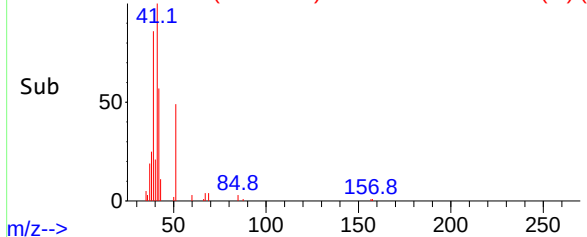


Tgt Ion: 41 Resp: 2400
Ion Ratio Lower Upper
41 100
42 72.1 55.0 82.6

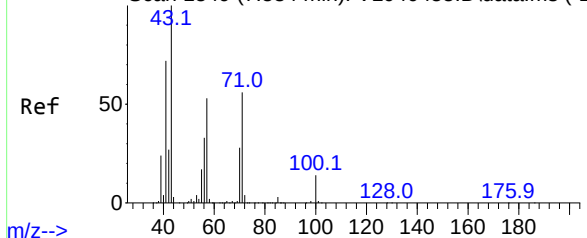
Manual Integrations
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Supervised By :Mahesh Dadoda 07/27/2023

Abundance Scan 23 (2.677 min): VL040558.D\data.ms (-1)



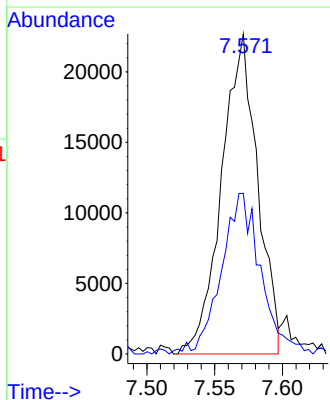
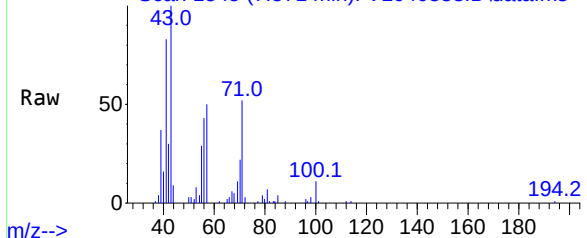
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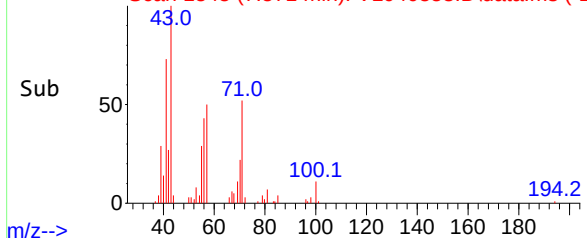
#10
Heptane
Concen: 0.349 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

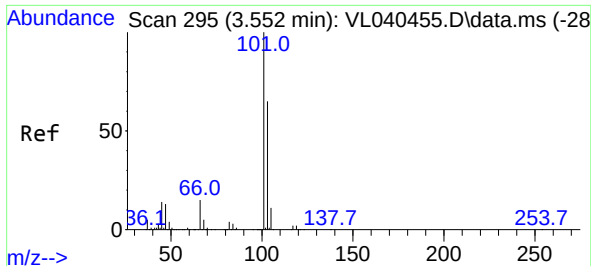
Tgt Ion: 43 Resp: 41834
Ion Ratio Lower Upper
43 100
57 56.6 42.5 63.7

Abundance Scan 1545 (7.571 min): VL040558.D\data.ms



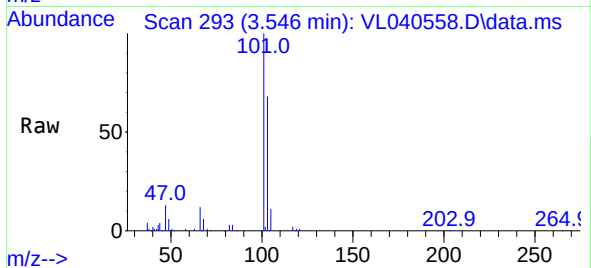
Abundance Scan 1545 (7.571 min): VL040558.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 0.562 ppbv
RT: 3.546 min Scan# 295
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

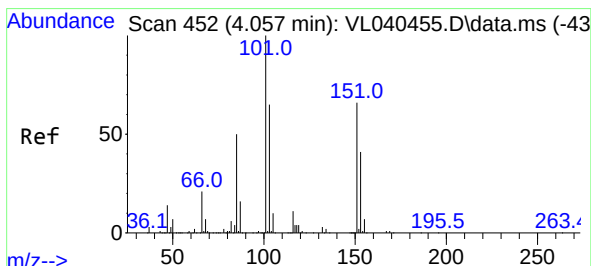
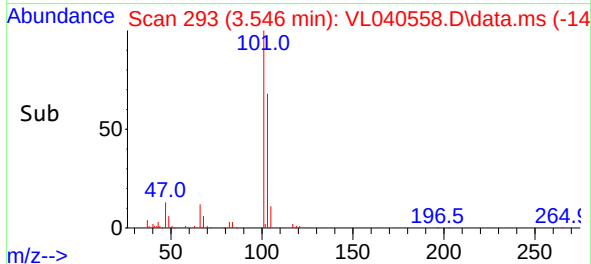
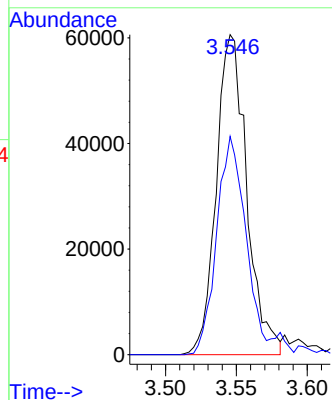
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:101 Resp: 90617
Ion Ratio Lower Upper
101 100
103 68.2 53.4 80.0

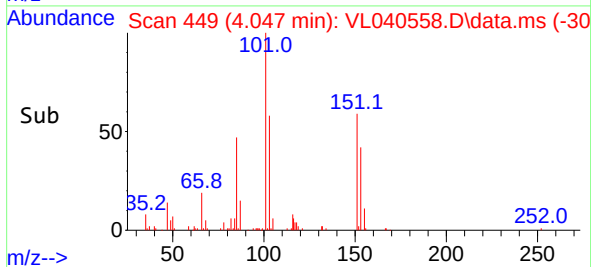
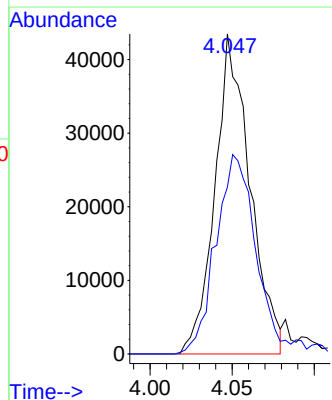
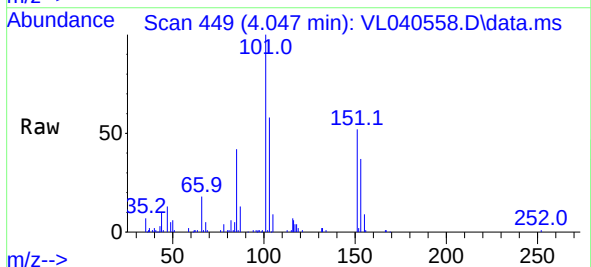
Manual Integrations
APPROVED

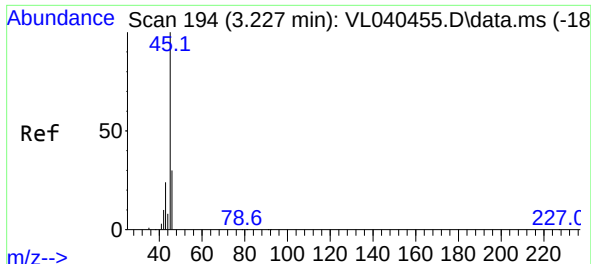
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.567 ppbv
RT: 4.047 min Scan# 449
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

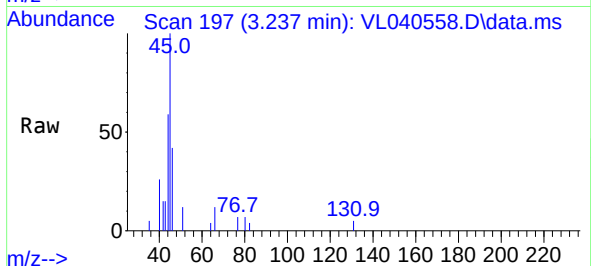
Tgt Ion:101 Resp: 64377
Ion Ratio Lower Upper
101 100
151 74.0 58.2 87.4





#13
Ethanol
Concen: 0.665 ppbv m
RT: 3.237 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

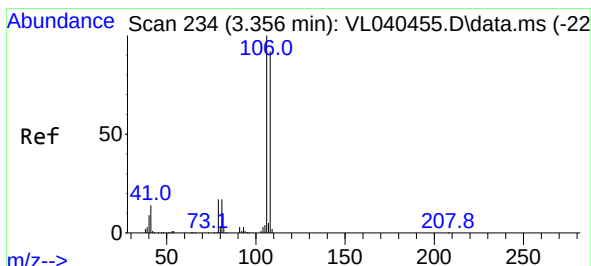
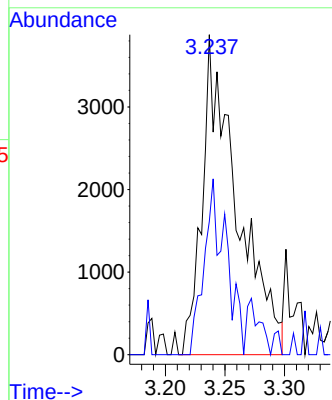
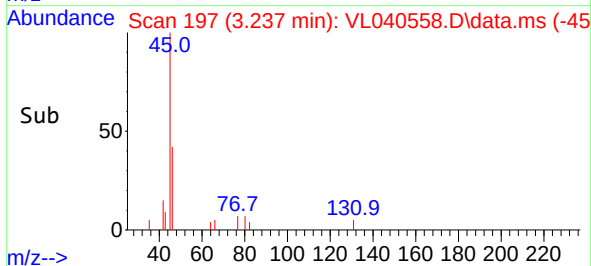
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



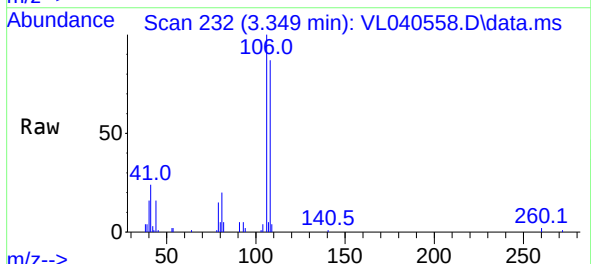
Tgt Ion: 45 Resp: 784
Ion Ratio Lower Upper
45 100
46 35.0 15.3 61.1

Manual Integrations
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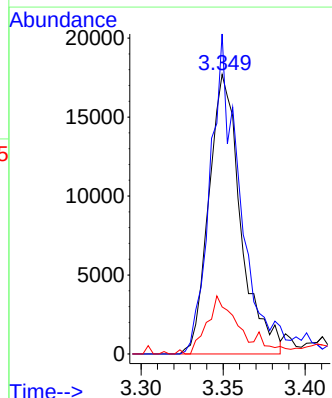
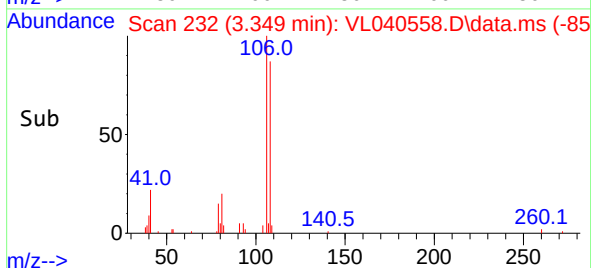
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

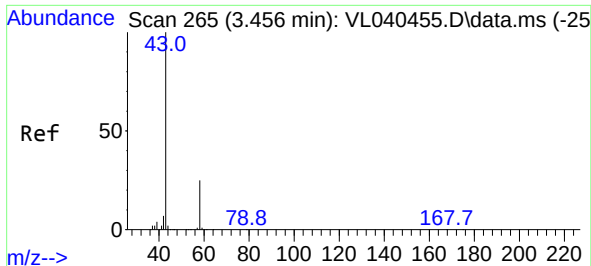


#14
Bromoethene
Concen: 0.489 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



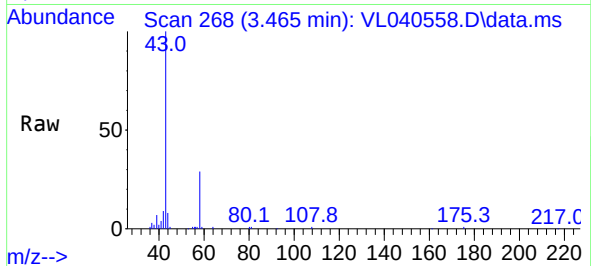
Tgt Ion:108 Resp: 23898
Ion Ratio Lower Upper
108 100
106 114.3 87.2 130.8
79 22.1 15.3 22.9





#15
Acetone
Concen: 0.676 ppbv
RT: 3.465 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

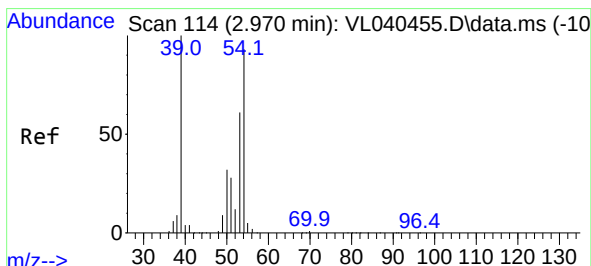
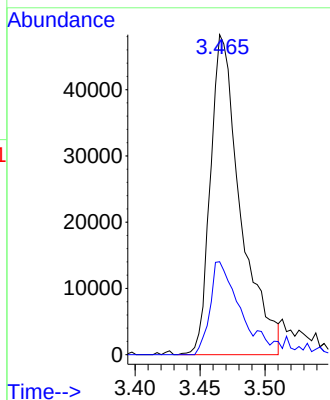
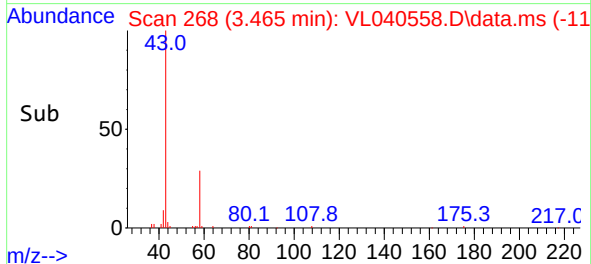
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 77750
Ion Ratio Lower Upper
43 100
58 32.7 22.9 34.3

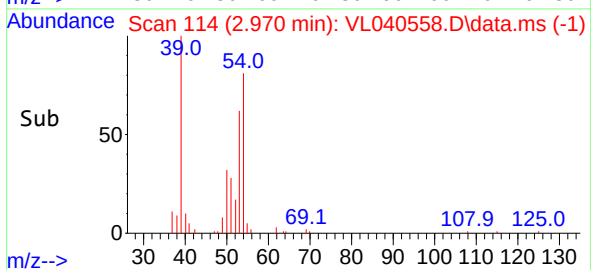
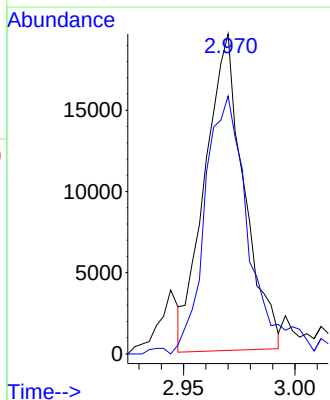
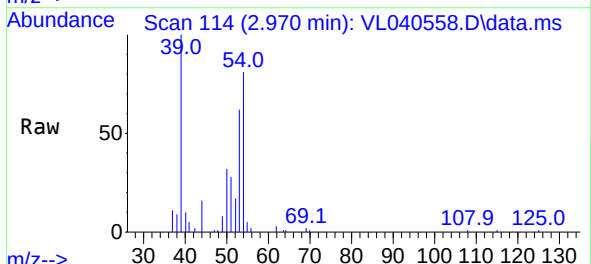
Manual Integrations
APPROVED

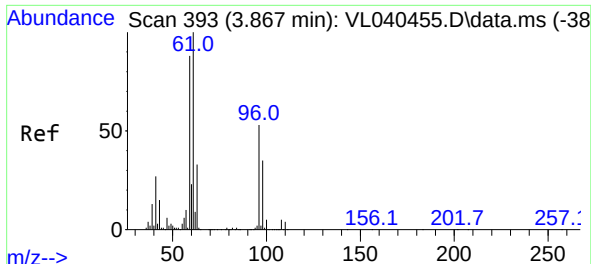
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#16
1,3-Butadiene
Concen: 0.410 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

Tgt Ion: 39 Resp: 23785
Ion Ratio Lower Upper
39 100
54 97.5 66.6 100.0





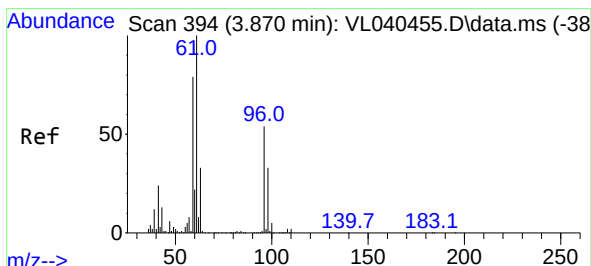
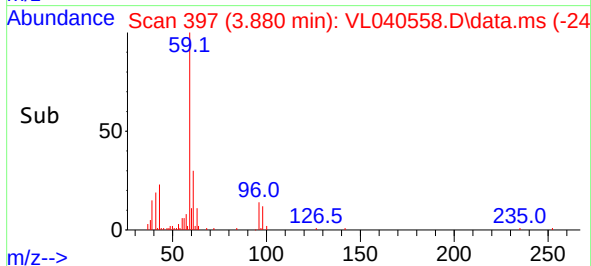
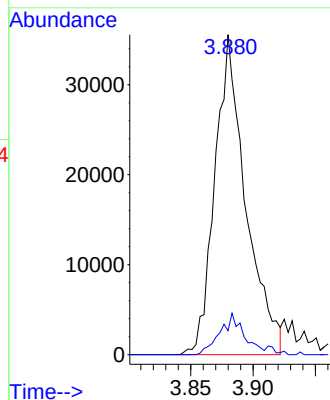
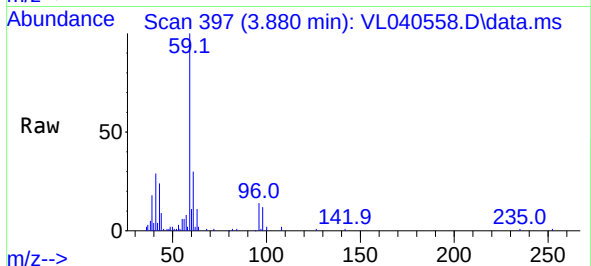
#17
tert-Butyl alcohol
Concen: 0.516 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.003 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

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

Tgt Ion: 59 Resp: 61394
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

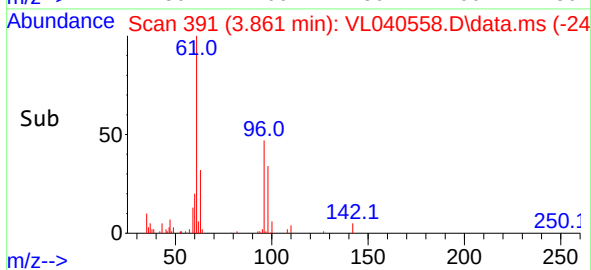
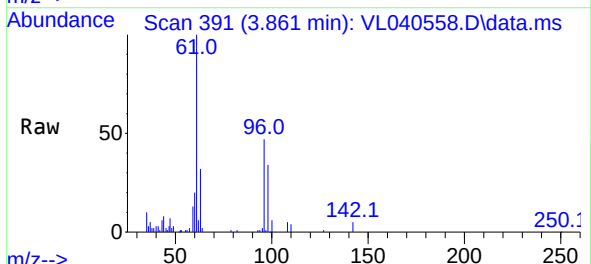
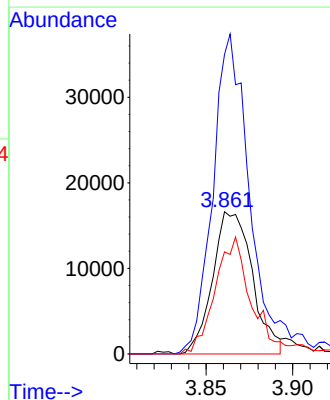
Manual Integrations
APPROVED

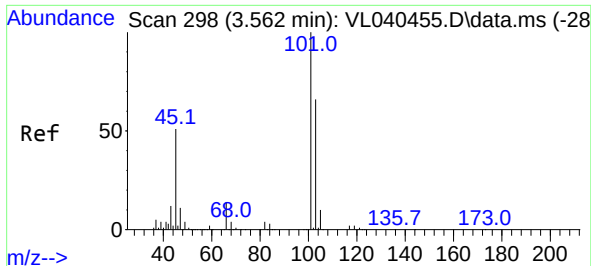
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#18
1,1-Dichloroethene
Concen: 0.508 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.029 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

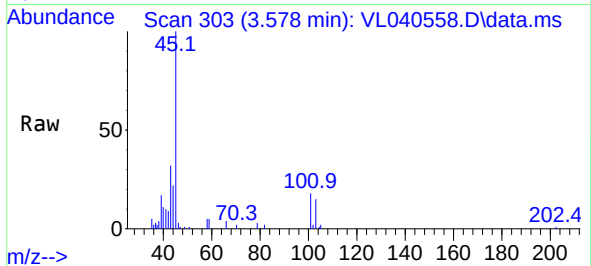
Tgt Ion: 96 Resp: 26524
Ion Ratio Lower Upper
96 100
61 209.3 154.4 231.6
98 71.8 50.0 75.0





#19
Isopropyl Alcohol
Concen: 0.456 ppbv
RT: 3.578 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

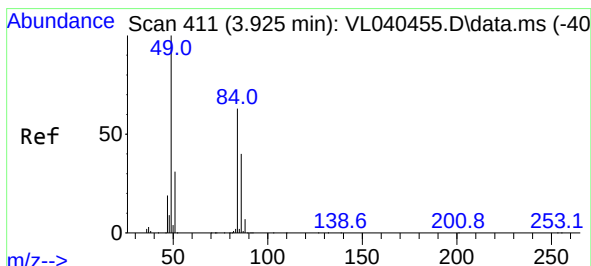
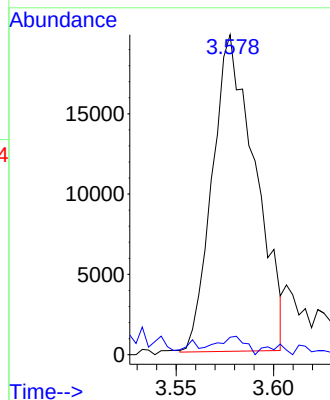
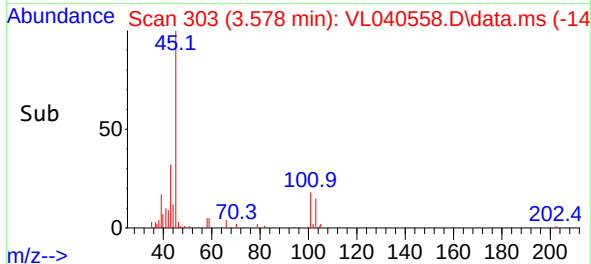
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



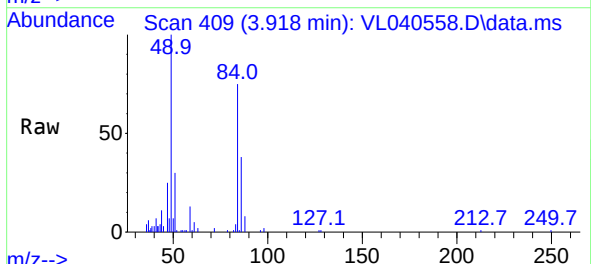
Tgt Ion: 45 Resp: 30128
Ion Ratio Lower Upper
45 100
58 8.2 1.1 1.75

Manual Integrations
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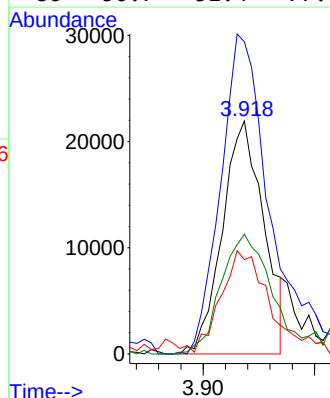
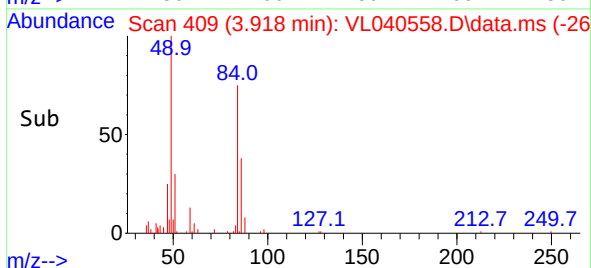
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

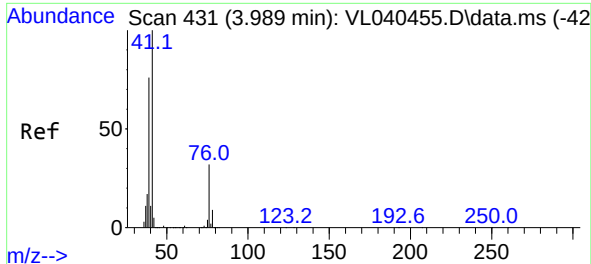


#20
Methylene Chloride
Concen: 0.580 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.023 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



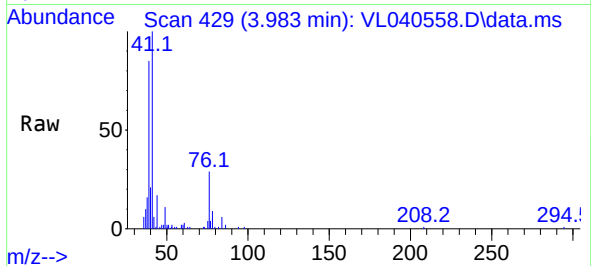
Tgt Ion: 84 Resp: 28392
Ion Ratio Lower Upper
84 100
49 133.3 123.4 185.2
51 38.2 38.3 57.5#
86 50.7 51.4 77.0#





#21
 Allyl Chloride
 Concen: 0.421 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

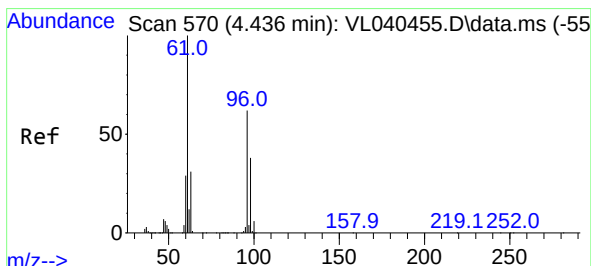
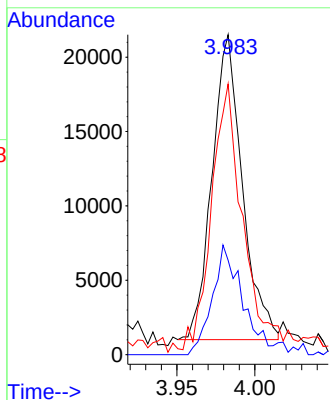
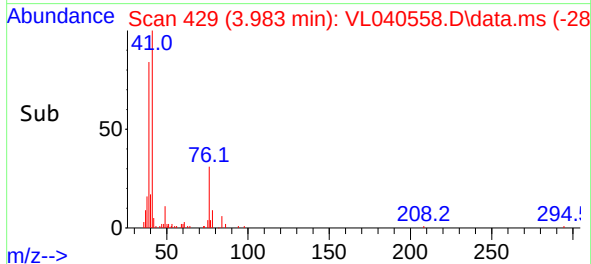
Instrument : MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 41 Resp: 27650
 Ion Ratio Lower Upper
 41 100
 76 37.1 24.8 37.2
 39 106.0 60.6 91.0

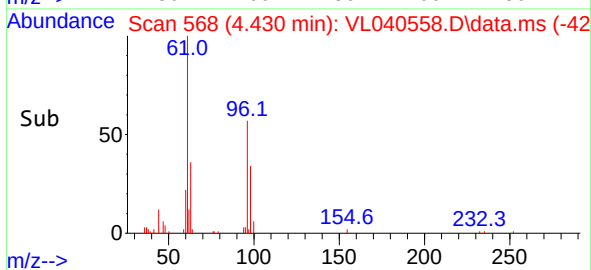
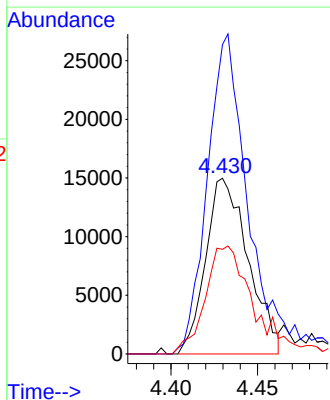
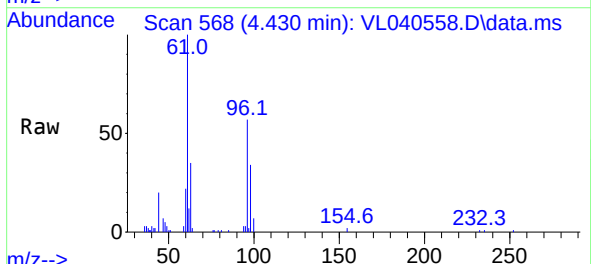
Manual Integrations
 APPROVED

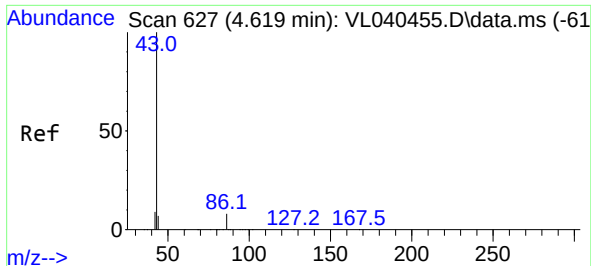
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.497 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.023 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

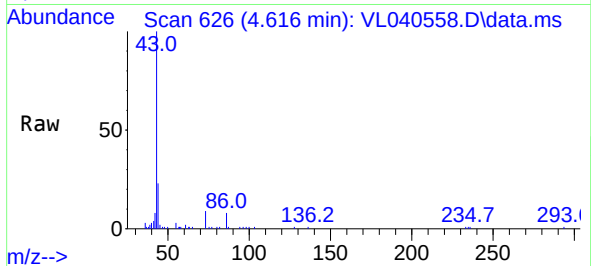
Tgt Ion: 96 Resp: 25608
 Ion Ratio Lower Upper
 96 100
 61 172.9 137.7 206.5
 98 56.1 52.9 79.3





#23
 Vinyl Acetate
 Concen: 0.427 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

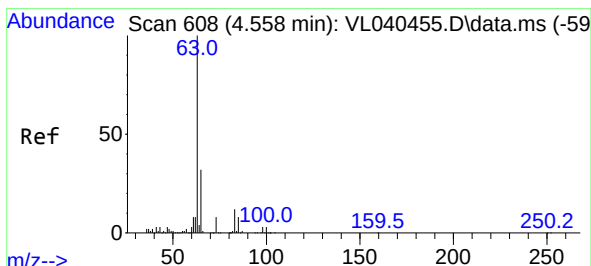
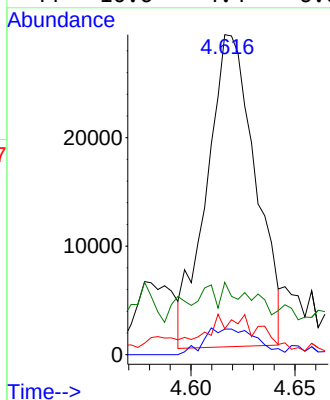
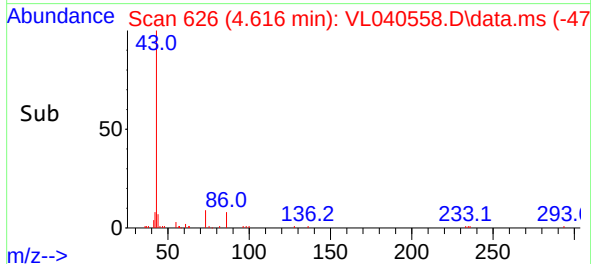
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 46814
 Ion Ratio Lower Upper
 43 100
 86 9.6 5.6 8.4
 42 5.9 7.4 11.2
 44 10.6 4.4 6.6

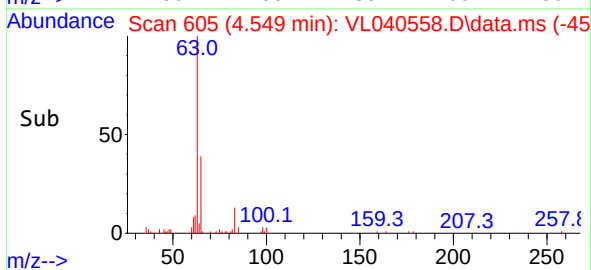
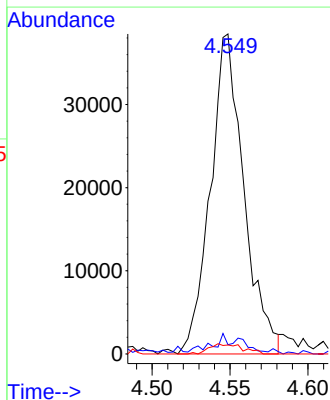
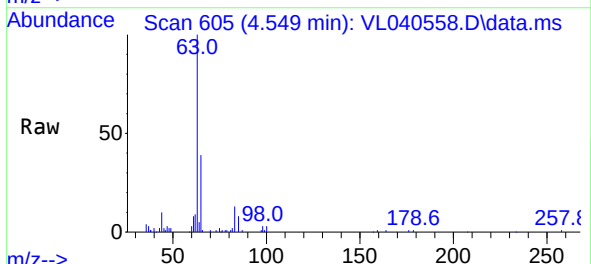
Manual Integrations
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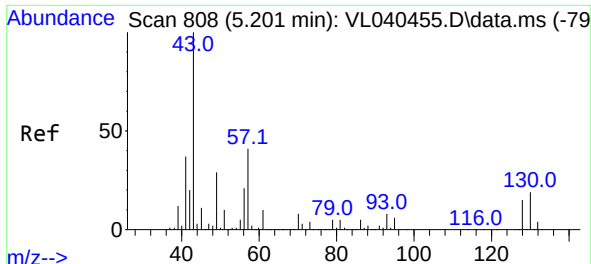
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#24
 1,1-Dichloroethane
 Concen: 0.517 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.023 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

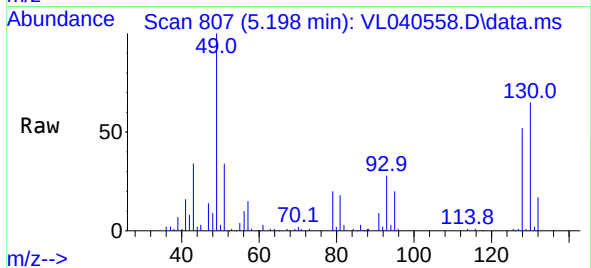
Tgt Ion: 63 Resp: 57559
 Ion Ratio Lower Upper
 63 100
 98 2.1 1.8 5.5
 100 2.8 1.4 4.0





#25
Ethyl Acetate
Concen: 0.443 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.013 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

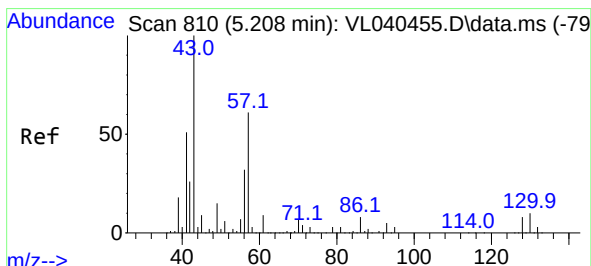
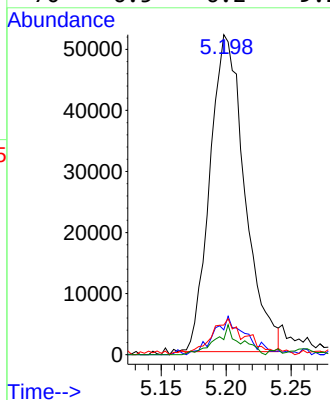
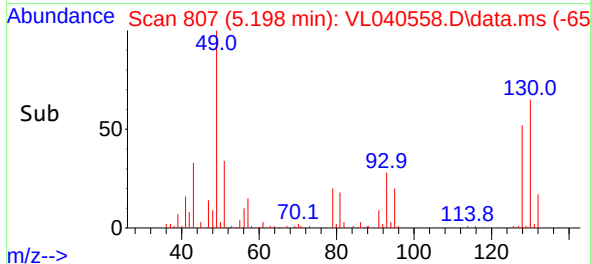
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



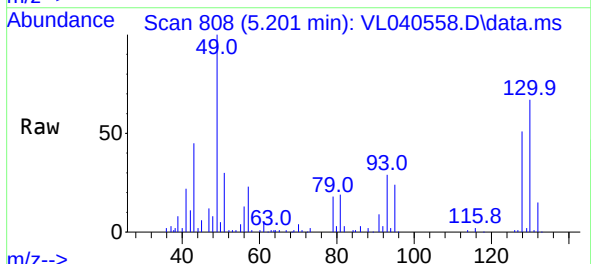
Tgt Ion: 43 Resp: 9699
Ion Ratio Lower Upper
43 100
45 11.5 8.2 12.4
61 12.9 8.3 12.5
70 6.5 6.2 9.2

Manual Integrations APPROVED

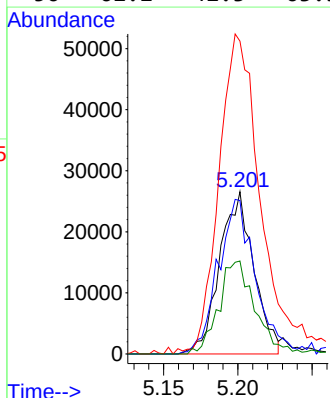
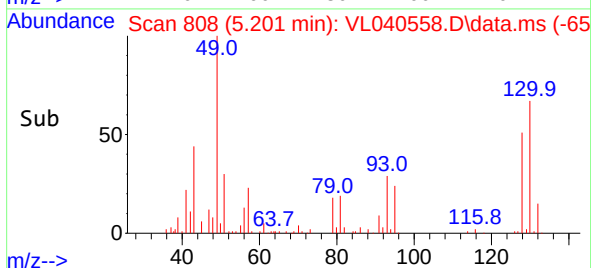
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

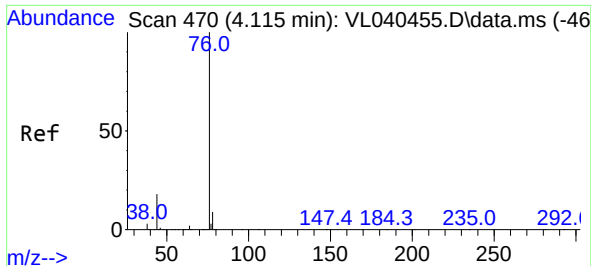


#26
Hexane
Concen: 0.417 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



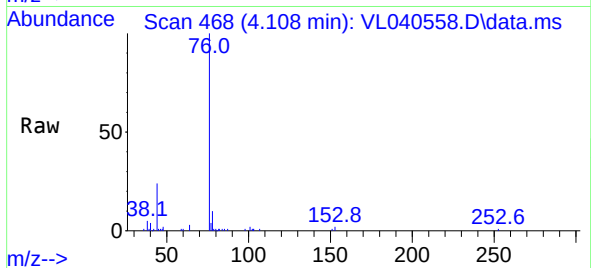
Tgt Ion: 57 Resp: 42396
Ion Ratio Lower Upper
57 100
41 109.7 69.5 104.3
43 253.0 177.1 265.7
56 62.2 42.3 63.5





#27
Carbon Disulfide
Concen: 0.458 ppbv
RT: 4.108 min Scan# 410
Delta R.T. -0.023 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

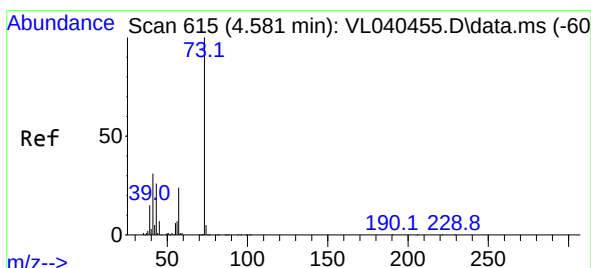
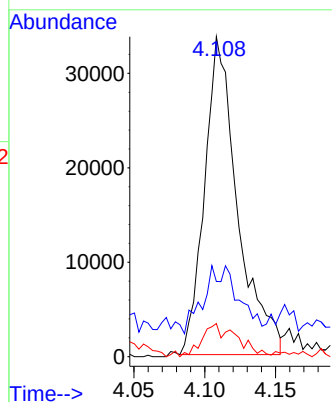
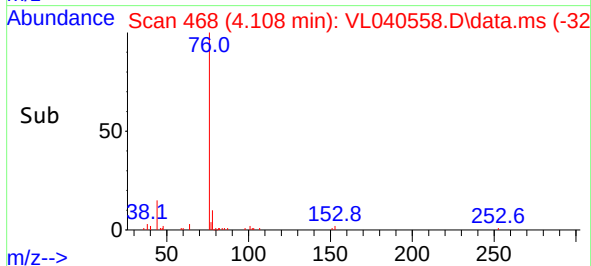
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 76 Resp: 5480
Ion Ratio Lower Upper
76 100
44 31.4 15.1 22.7
78 11.3 7.5 11.3

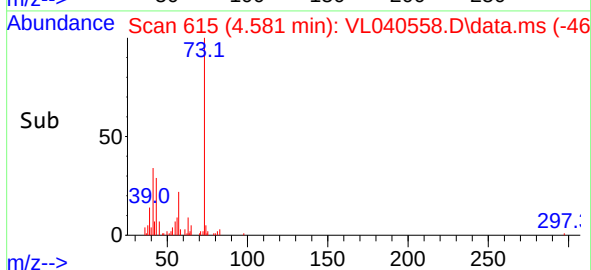
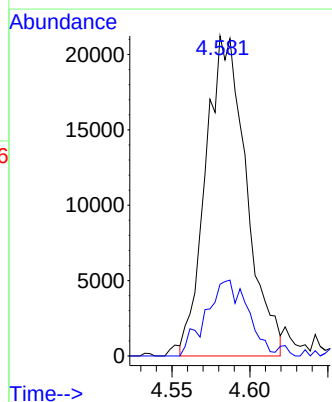
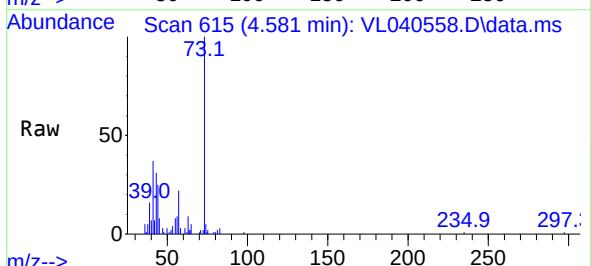
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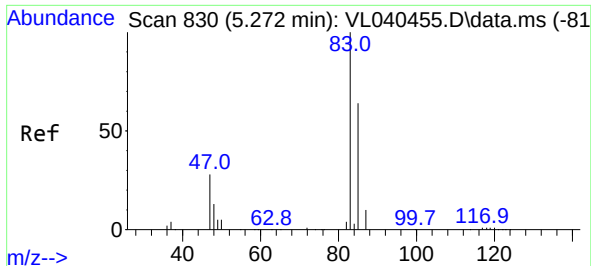
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#28
Methyl tert-Butyl Ether
Concen: 0.470 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.013 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

Tgt Ion: 73 Resp: 38526
Ion Ratio Lower Upper
73 100
57 25.8 18.8 28.2





#29

Chloroform

Concen: 0.503 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.029 min

Lab File: VL040558.D

Acq: 27 Jul 2023 2:47

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 83 Resp: 84910

Ion Ratio Lower Upper

83 100

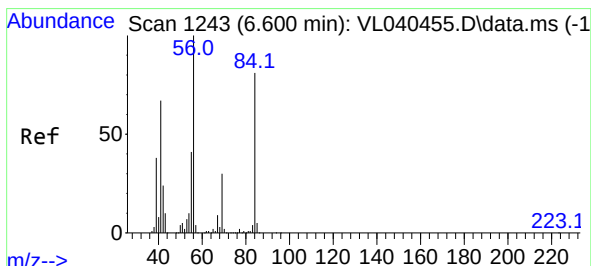
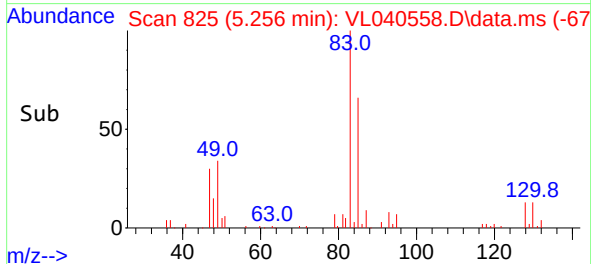
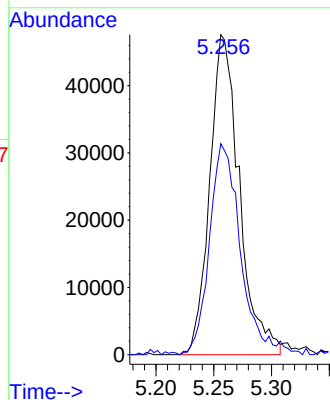
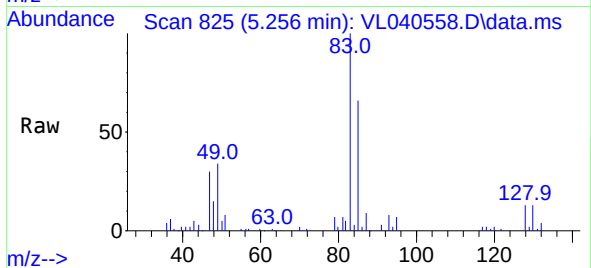
85 64.3 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#30

Cyclohexane

Concen: 0.278 ppbv m

RT: 6.594 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040558.D

Acq: 27 Jul 2023 2:47

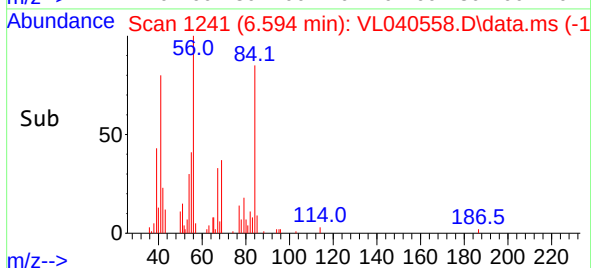
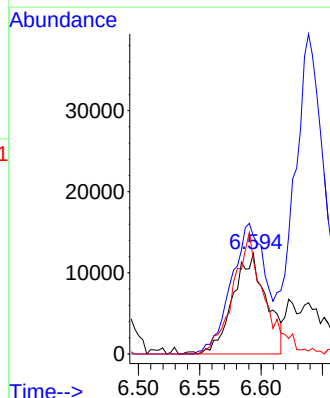
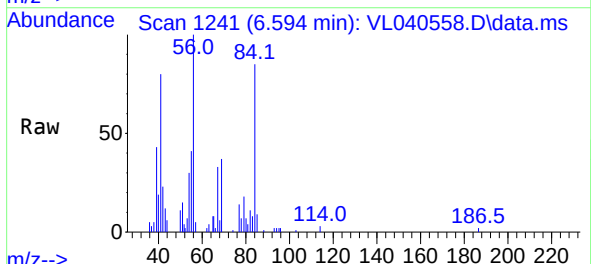
Tgt Ion: 84 Resp: 23534

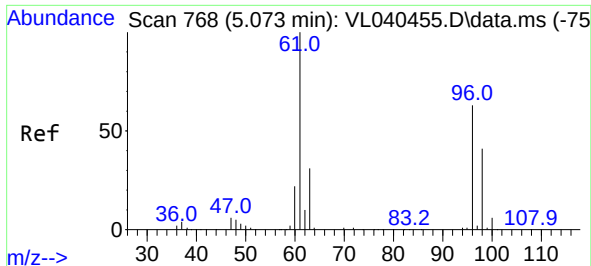
Ion Ratio Lower Upper

84 100

56 0.0 108.7 163.1#

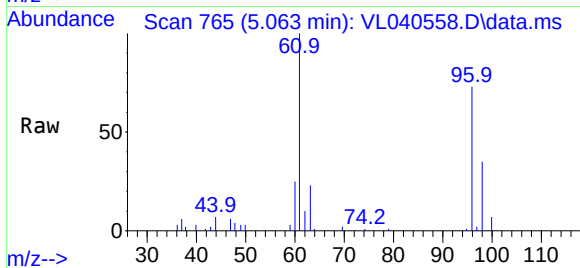
41 0.0 64.5 96.7#





#31
 cis-1,2-Dichloroethene
 Concen: 0.399 ppbv
 RT: 5.063 min Scan# 71
 Delta R.T. -0.023 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

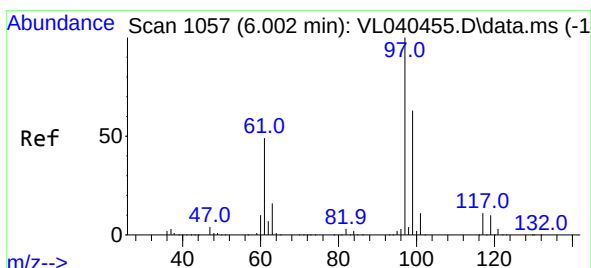
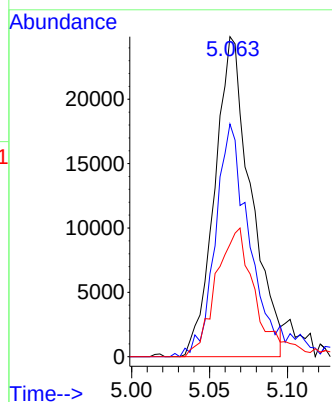
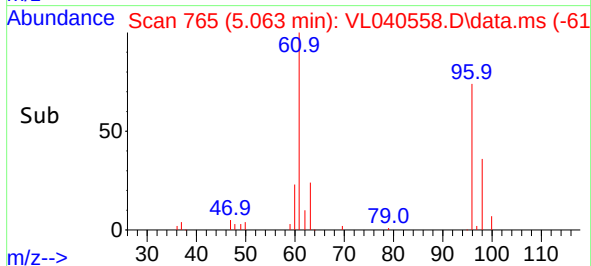
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 61 Resp: 40084
 Ion Ratio Lower Upper
 61 100
 96 72.7 54.7 82.1
 98 35.1 34.6 52.0

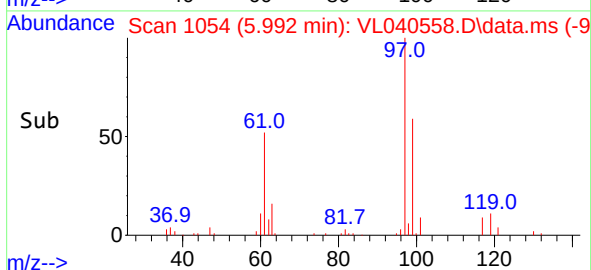
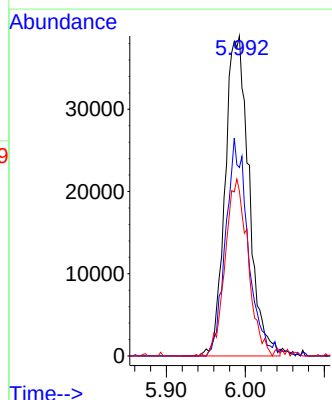
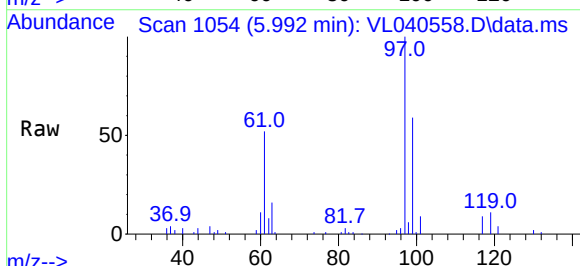
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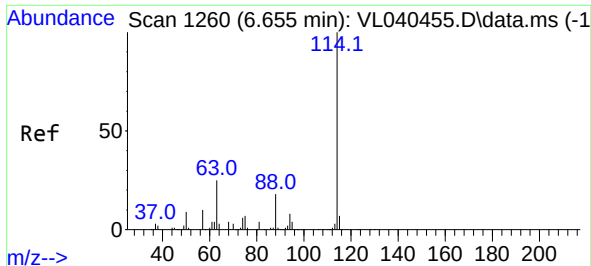
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.493 ppbv m
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.019 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

Tgt Ion: 97 Resp: 81331
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 54.2 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL040558.D

Acq: 27 Jul 2023 2:47

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion:114 Resp: 2589349

Ion Ratio Lower Upper

114 100

63 25.8 19.6 29.4

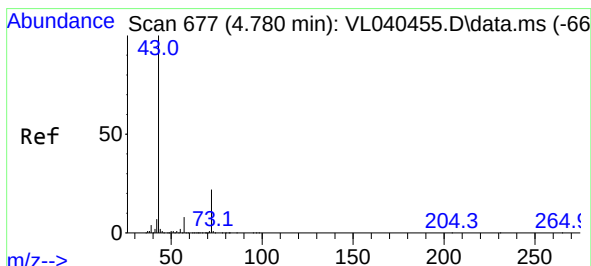
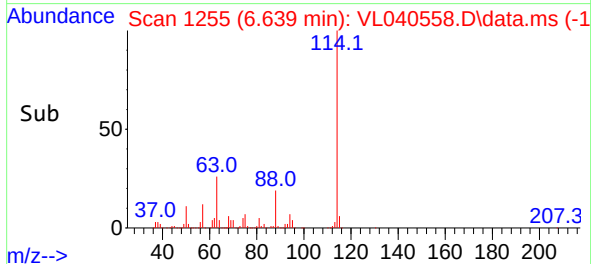
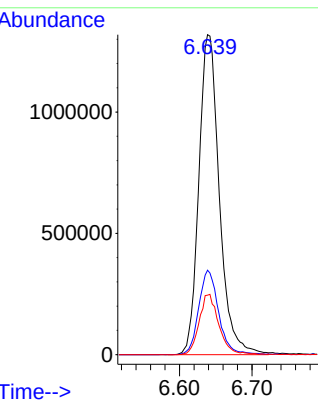
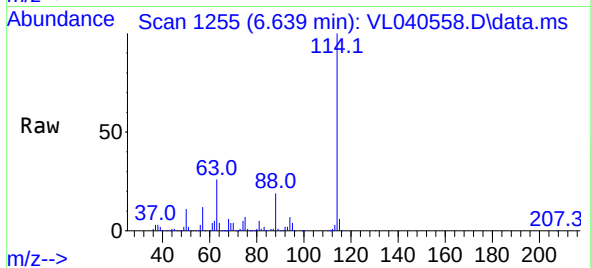
88 18.3 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#34

2-Butanone

Concen: 0.412 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.010 min

Lab File: VL040558.D

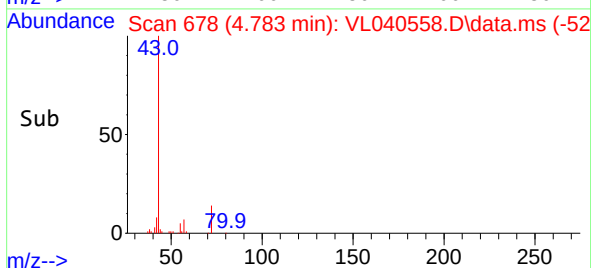
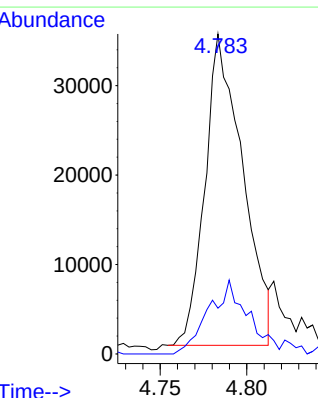
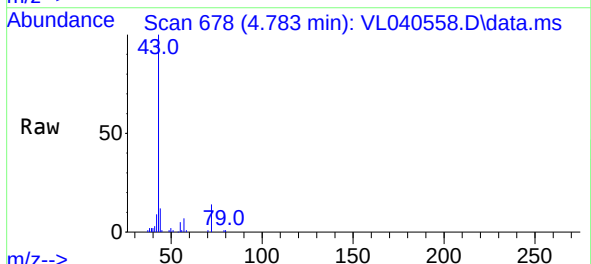
Acq: 27 Jul 2023 2:47

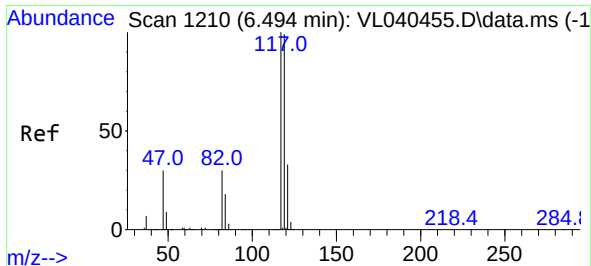
Tgt Ion: 43 Resp: 52752

Ion Ratio Lower Upper

43 100

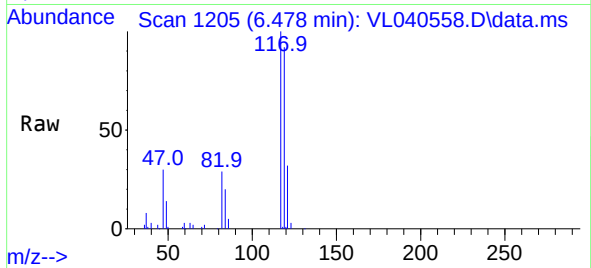
72 26.5 19.1 28.7





#35
Carbon Tetrachloride
Concen: 0.496 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

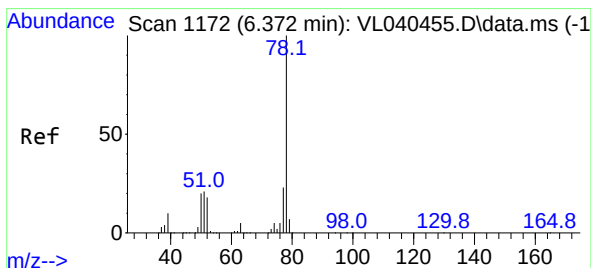
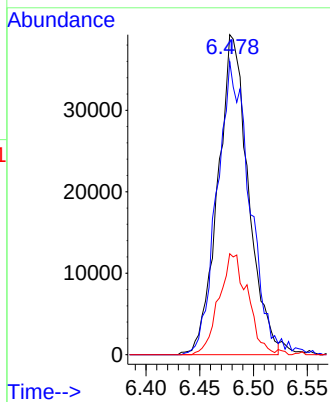
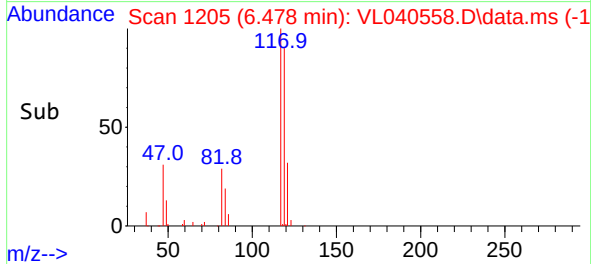
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:117 Resp: 77318
Ion Ratio Lower Upper
117 100
119 91.6 77.8 116.6
121 31.6 24.8 37.2

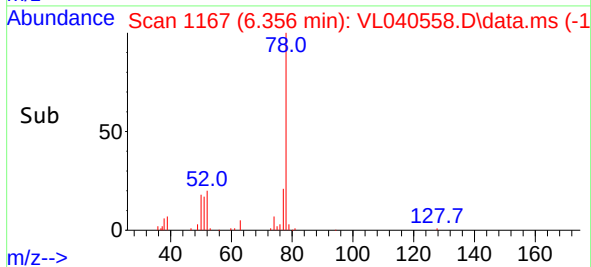
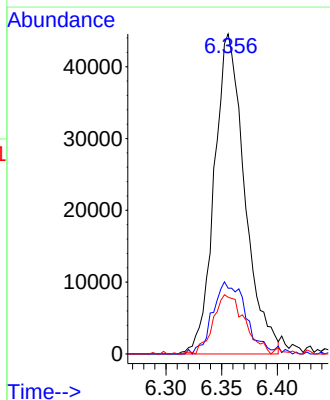
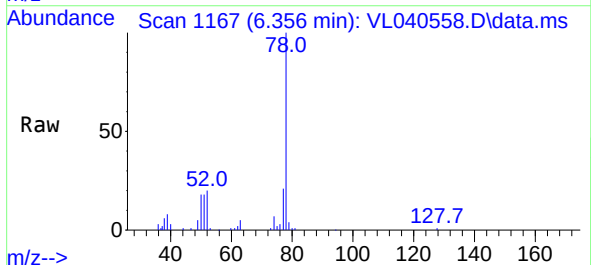
Manual Integrations
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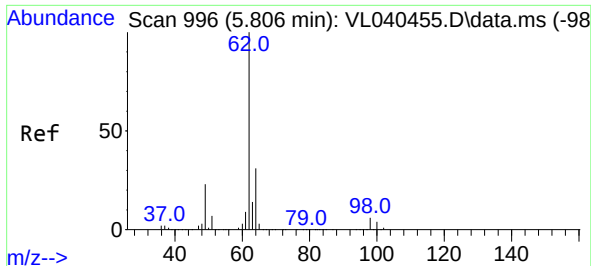
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 0.406 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

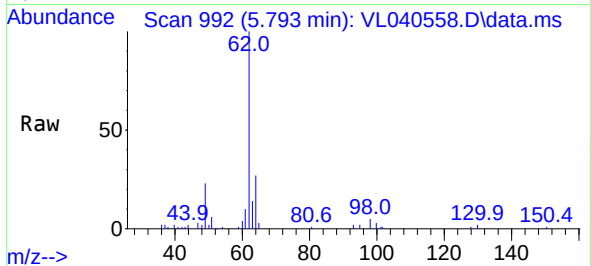
Tgt Ion: 78 Resp: 84547
Ion Ratio Lower Upper
78 100
77 20.5 17.4 26.0
50 17.8 14.4 21.6





#37
1,2-Dichloroethane
Concen: 0.493 ppbv
RT: 5.793 min Scan# 996
Delta R.T. -0.023 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

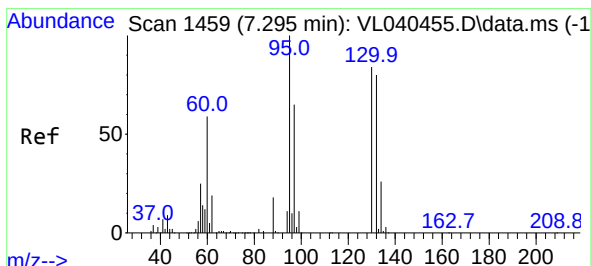
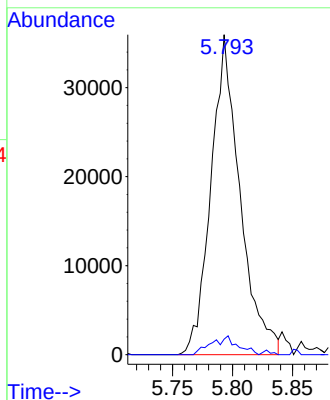
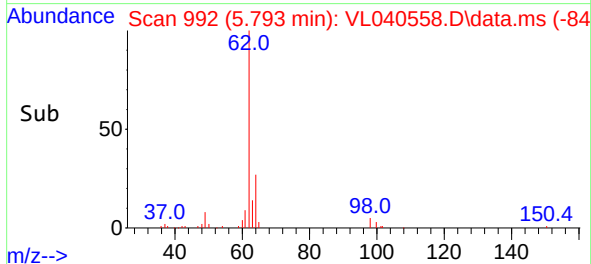
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



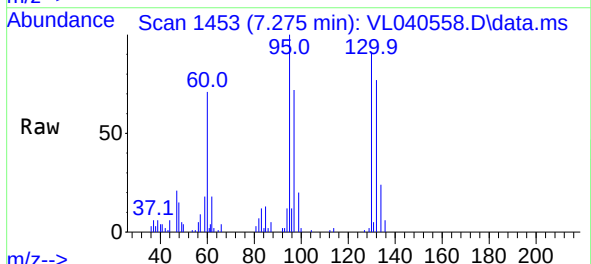
Tgt Ion: 62 Resp: 60450
Ion Ratio Lower Upper
62 100
98 5.7 5.1 7.7

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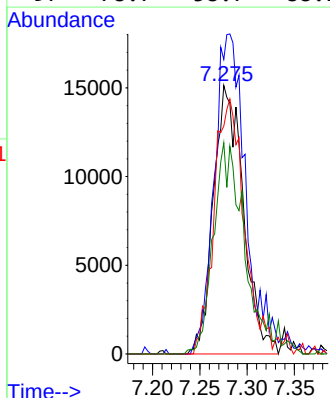
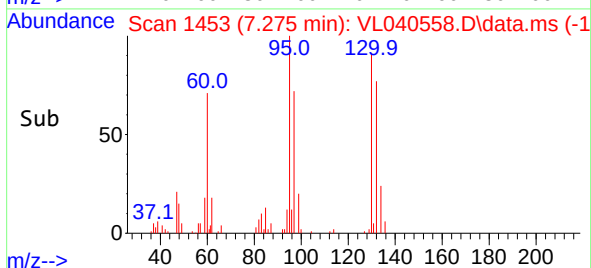
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

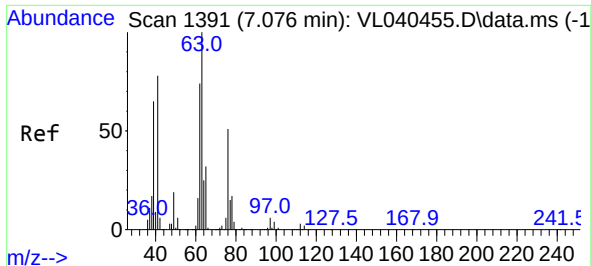


#38
Trichloroethene
Concen: 0.425 ppbv m
RT: 7.275 min Scan# 1453
Delta R.T. -0.029 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



Tgt Ion:130 Resp: 33482
Ion Ratio Lower Upper
130 100
95 109.7 90.2 135.2
132 84.8 76.3 114.5
97 78.7 58.7 88.1





#39

1,2-Dichloropropane

Concen: 0.476 ppbv m

RT: 7.063 min Scan# 1387

Delta R.T. -0.019 min

Lab File: VL040558.D

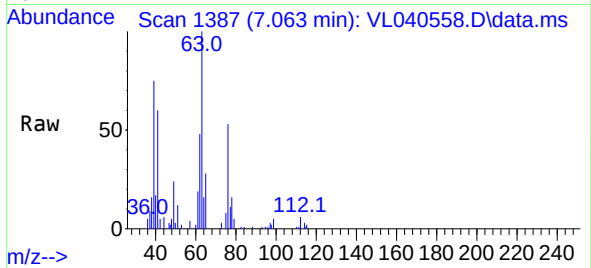
Acq: 27 Jul 2023 2:47

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 63 Resp: 38169

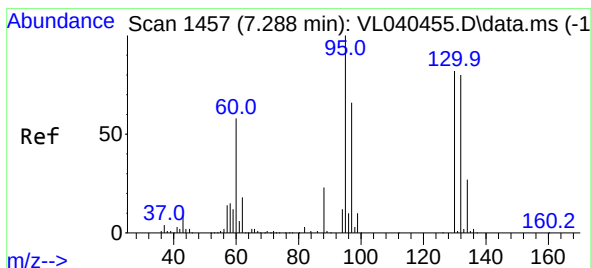
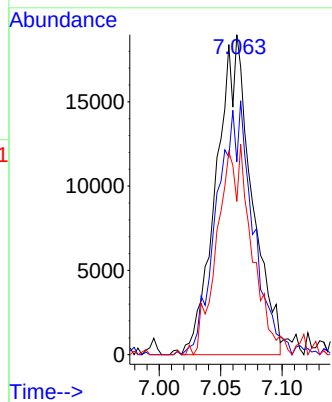
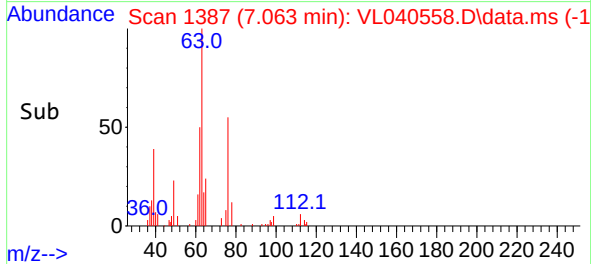
Ion	Ratio	Lower	Upper
63	100		
41	60.3	54.3	81.5
62	47.9	55.6	83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#40

1,4-Dioxane

Concen: 0.496 ppbv m

RT: 7.304 min Scan# 1462

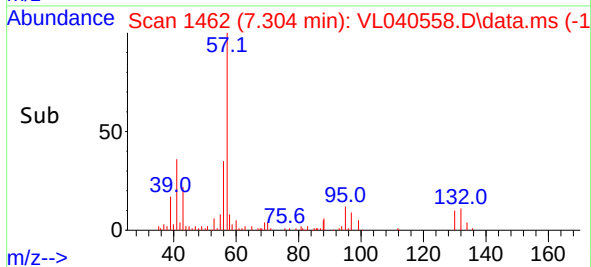
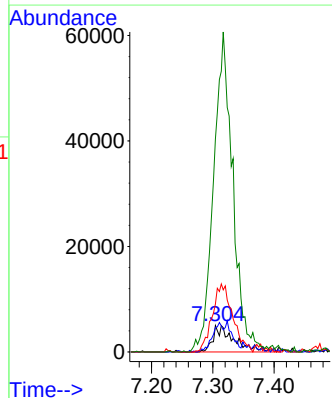
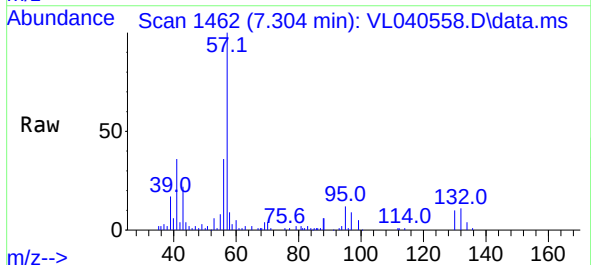
Delta R.T. 0.006 min

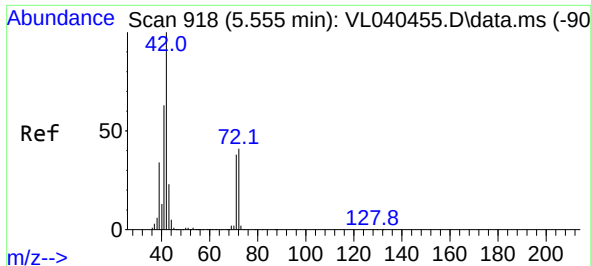
Lab File: VL040558.D

Acq: 27 Jul 2023 2:47

Tgt Ion: 88 Resp: 12453

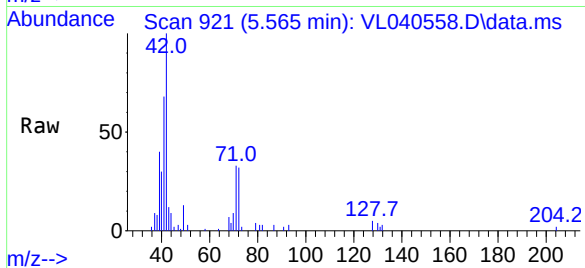
Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.6	88.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.359 ppbv m
RT: 5.565 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

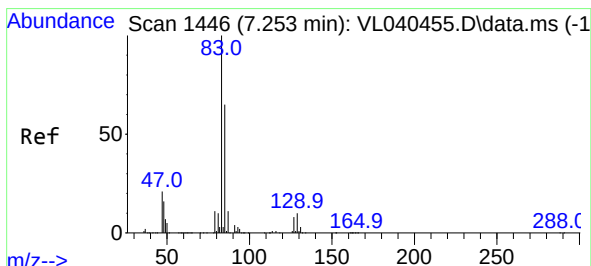
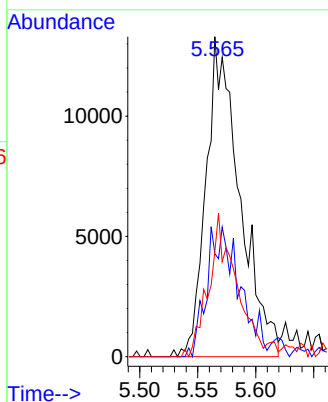
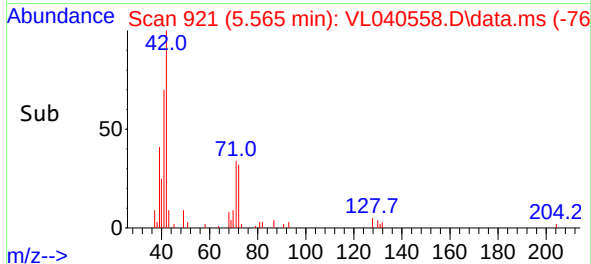
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 42 Resp: 26829
Ion Ratio Lower Upper
42 100
72 43.2 33.8 50.8
71 0.0 33.0 49.6

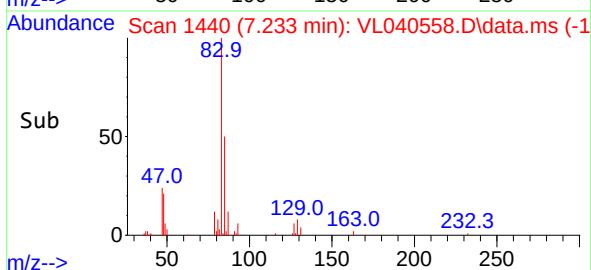
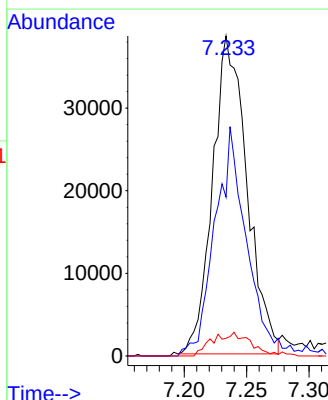
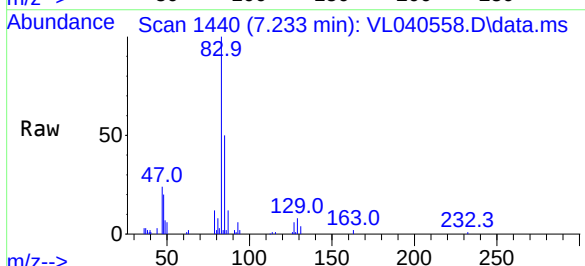
Manual Integrations
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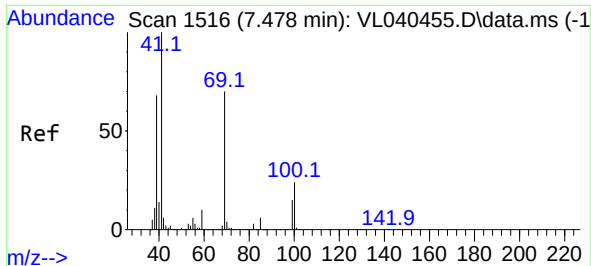
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#42
Bromodichloromethane
Concen: 0.433 ppbv
RT: 7.233 min Scan# 1440
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

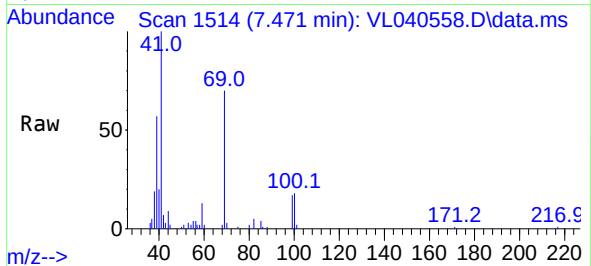
Tgt Ion: 83 Resp: 73827
Ion Ratio Lower Upper
83 100
85 49.9 51.1 76.7#
127 5.6 6.5 9.7#





#43
Methyl Methacrylate
Concen: 0.313 ppbv m
RT: 7.471 min Scan# 1
Delta R.T. -0.013 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

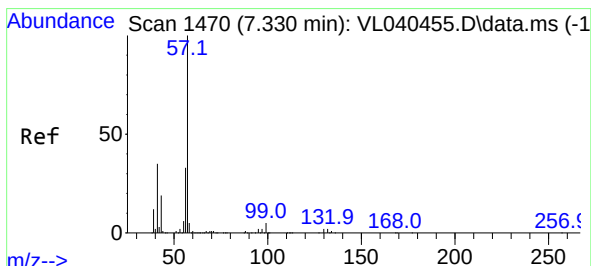
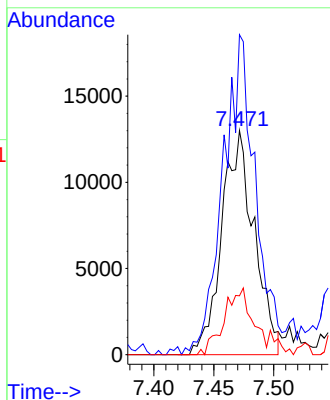
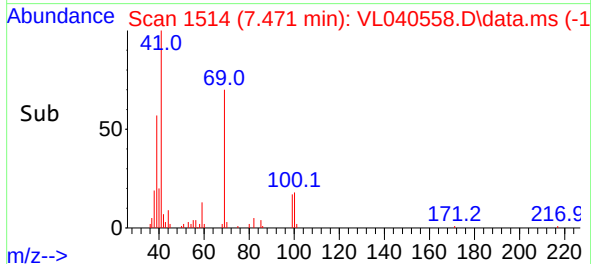
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



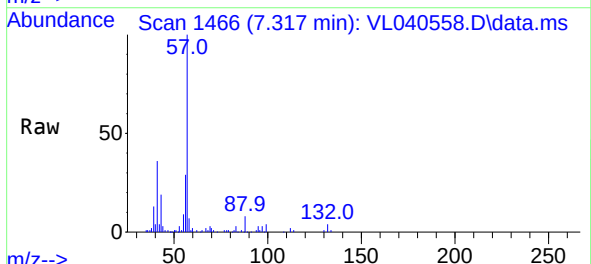
Tgt Ion: 69 Resp: 2443
Ion Ratio Lower Upper
69 100
41 0.0 111.7 167.5
100 0.0 26.9 40.3

Manual Integrations
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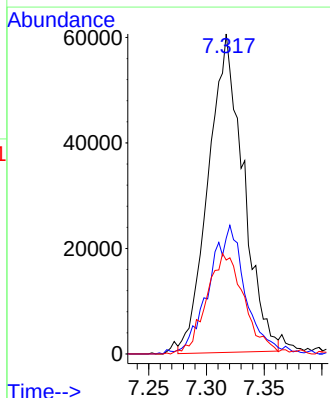
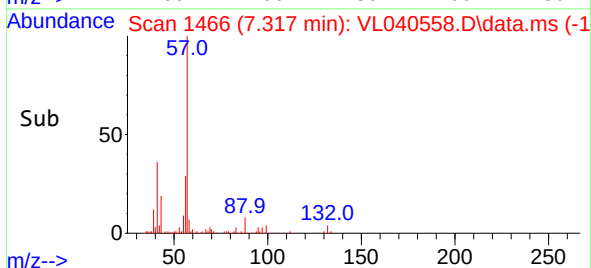
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

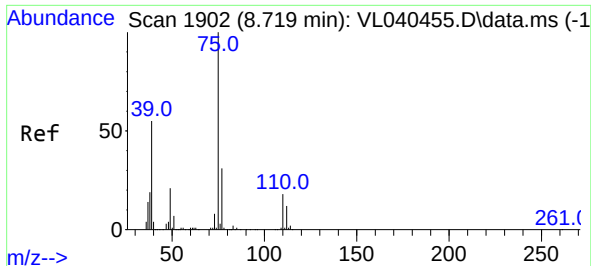


#44
2,2,4-Trimethylpentane
Concen: 0.378 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



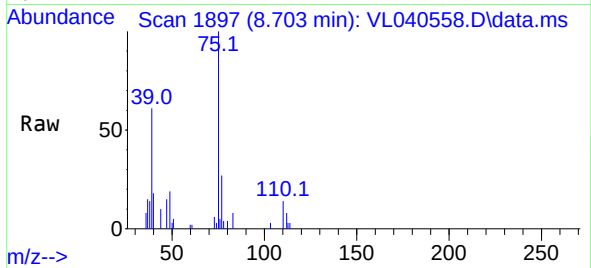
Tgt Ion: 57 Resp: 126711
Ion Ratio Lower Upper
57 100
41 42.9 25.5 38.3
56 35.0 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 0.248 ppbv
RT: 8.703 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

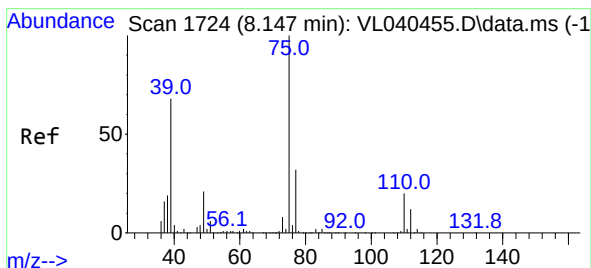
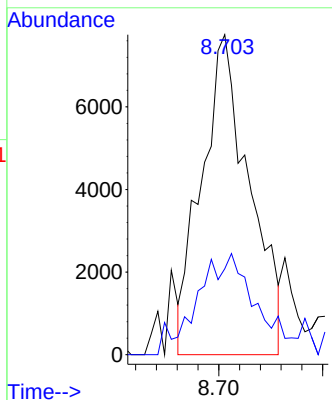
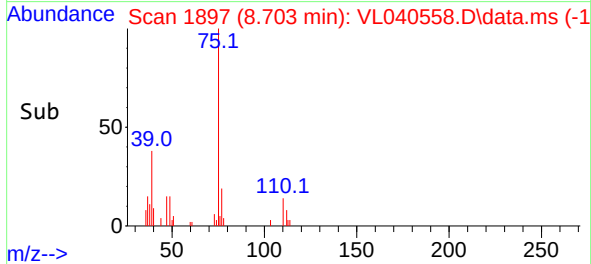
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 75 Resp: 12400
Ion Ratio Lower Upper
75 100
77 26.9 26.0 39.0

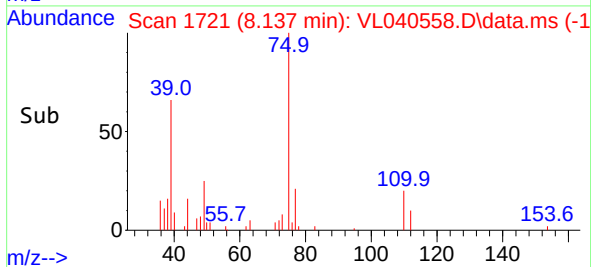
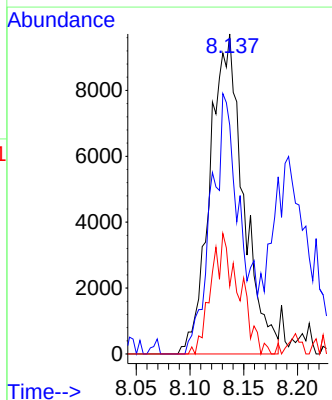
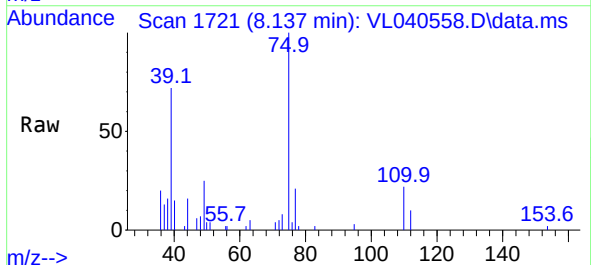
Manual Integrations
APPROVED

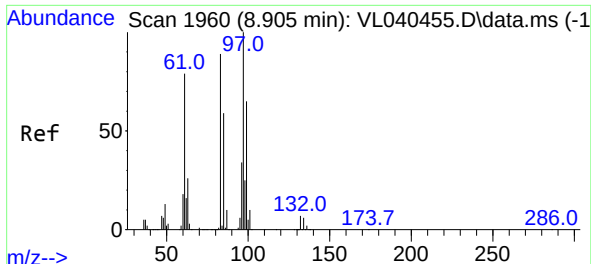
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#46
cis-1,3-Dichloropropene
Concen: 0.327 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

Tgt Ion: 75 Resp: 20999
Ion Ratio Lower Upper
75 100
39 71.5 48.0 72.0
77 21.2 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 0.424 ppbv

RT: 8.886 min Scan# 1960

Delta R.T. -0.023 min

Lab File: VL040558.D

Acq: 27 Jul 2023 2:47

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

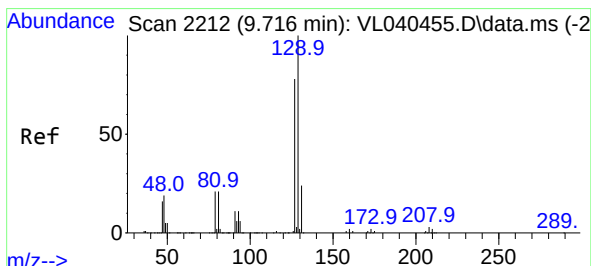
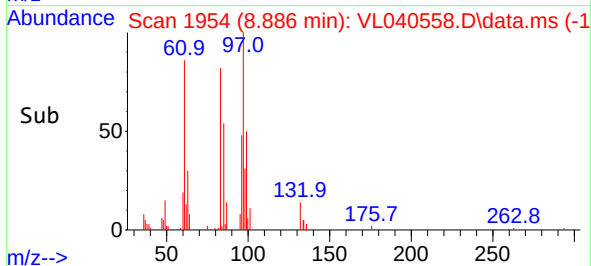
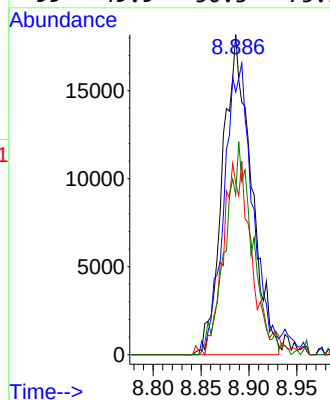
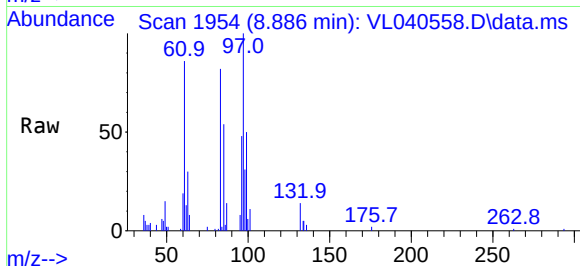
Tgt Ion: 97	Resp: 3756
Ion Ratio	Lower Upper
97 100	
83 82.1	73.4 110.0
85 53.6	46.6 70.0
99 49.9	50.3 75.5#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#48

Dibromochloromethane

Concen: 0.377 ppbv

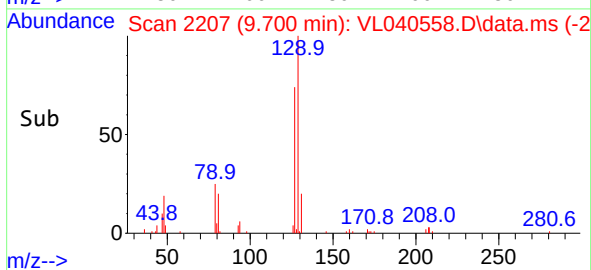
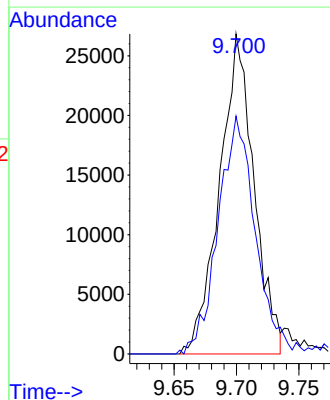
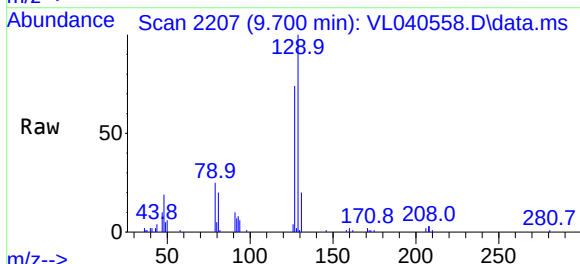
RT: 9.700 min Scan# 2207

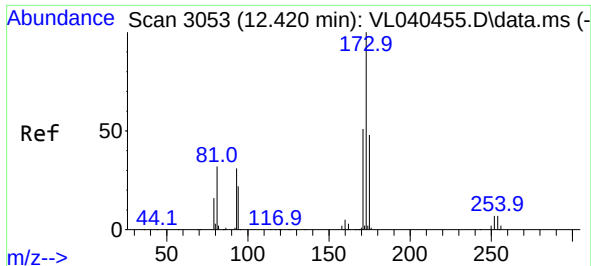
Delta R.T. -0.023 min

Lab File: VL040558.D

Acq: 27 Jul 2023 2:47

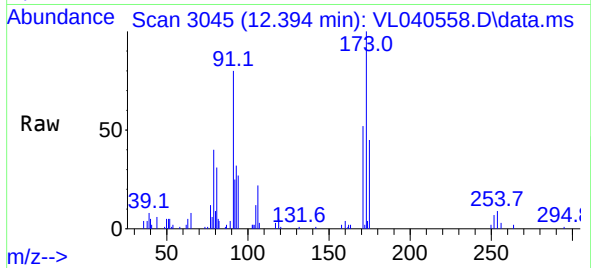
Tgt	Ion:129	Resp:	51635
Ion	Ratio	Lower	Upper
129	100		
127	80.3	39.1	117.3





#49
Bromoform
Concen: 0.333 ppbv
RT: 12.394 min Scan# 3053
Delta R.T. -0.029 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

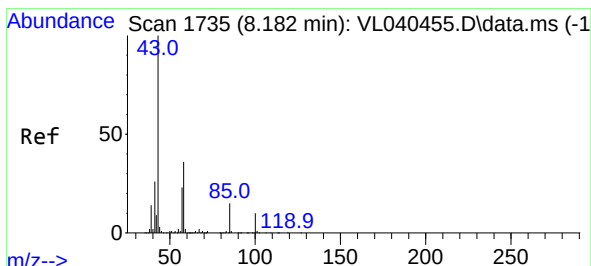
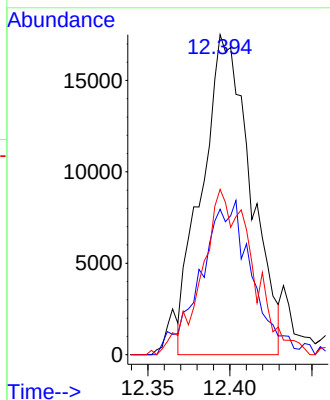
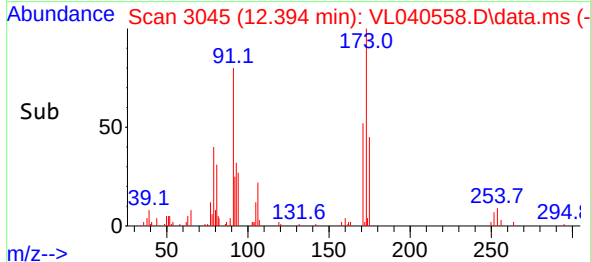
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 173 Resp: 36078
Ion Ratio Lower Upper
173 100
175 51.9 39.5 59.3
171 54.9 42.2 63.4

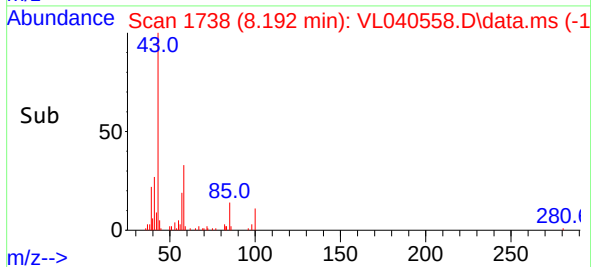
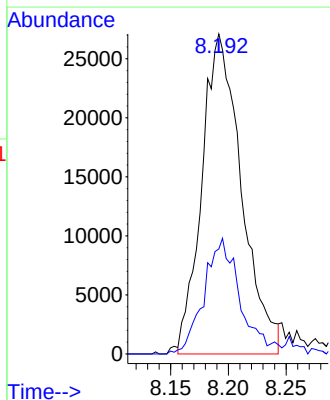
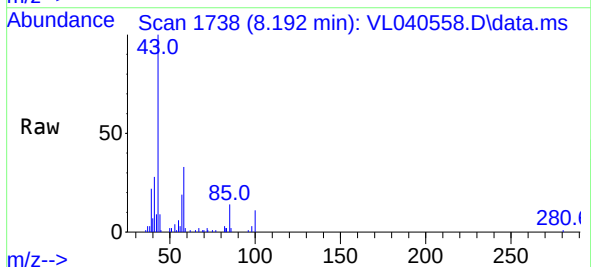
Manual Integrations
APPROVED

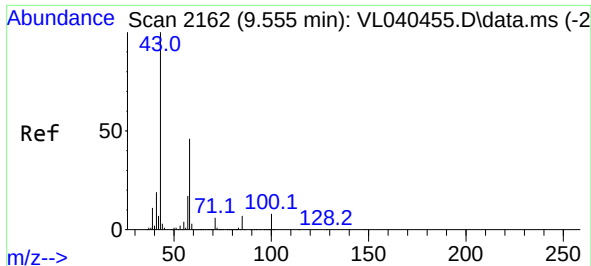
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#50
4-Methyl-2-Pentanone
Concen: 0.349 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. -0.000 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

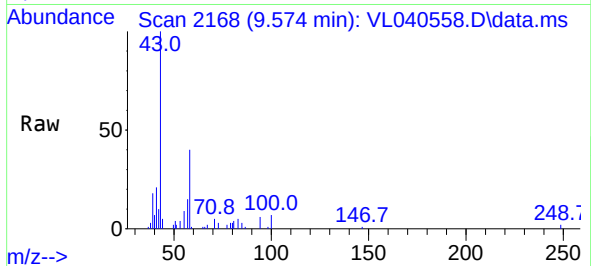
Tgt Ion: 43 Resp: 64801
Ion Ratio Lower Upper
43 100
58 34.7 30.2 45.2





#51
2-Hexanone
Concen: 0.294 ppbv m
RT: 9.574 min Scan# 2162
Delta R.T. 0.013 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

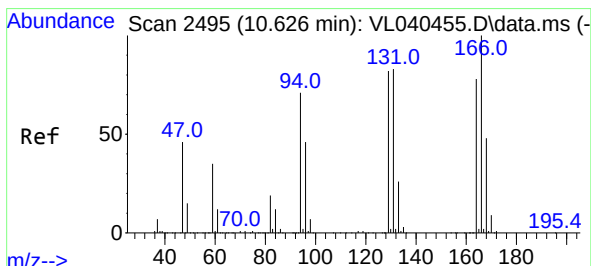
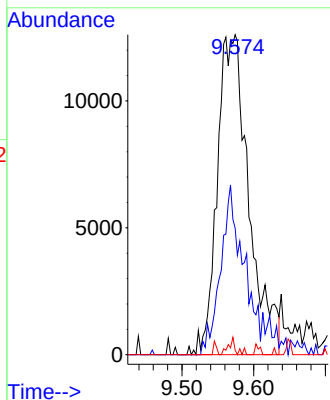
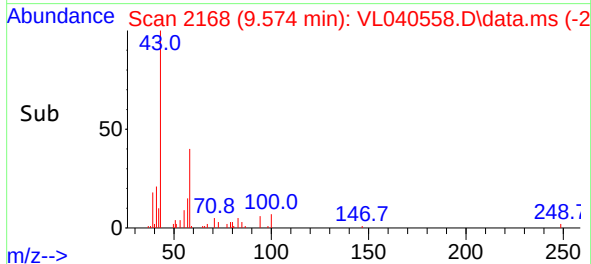
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 3865
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5
98 0.0 0.3 0.5

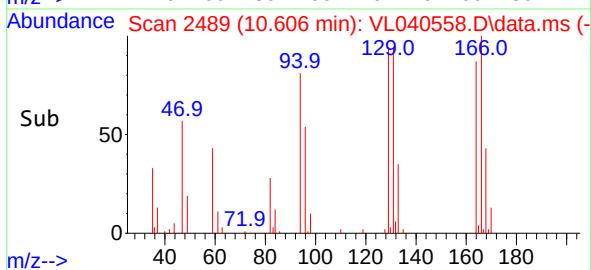
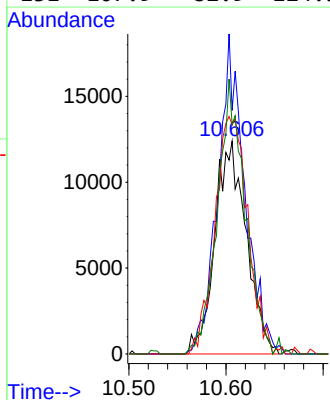
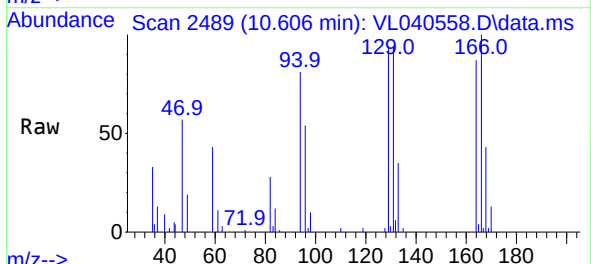
Manual Integrations
APPROVED

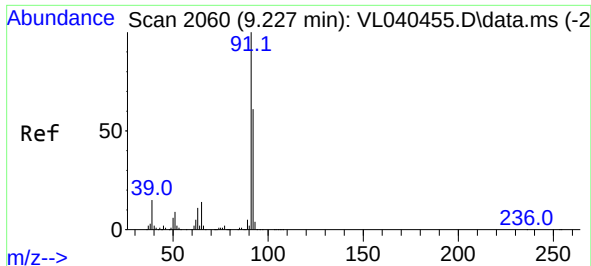
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#52
Tetrachloroethene
Concen: 0.413 ppbv m
RT: 10.606 min Scan# 2489
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

Tgt Ion:164 Resp: 27841
Ion Ratio Lower Upper
164 100
166 114.5 103.9 155.9
129 107.8 84.6 126.8
131 107.9 82.9 124.3





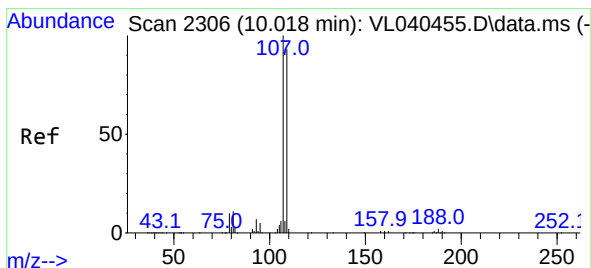
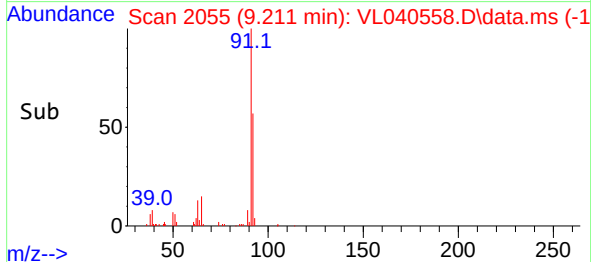
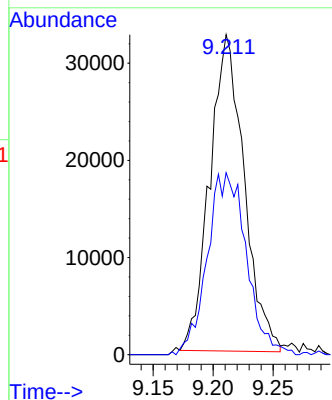
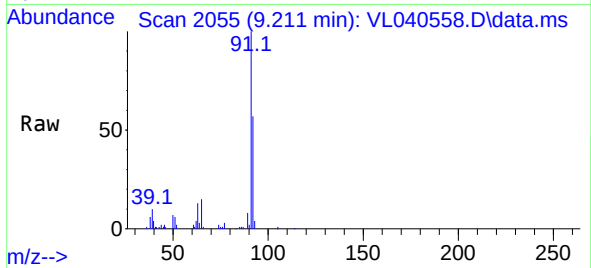
#53
Toluene
Concen: 0.286 ppbv
RT: 9.211 min Scan# 2060
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

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

Tgt Ion: 91 Resp: 6480
Ion Ratio Lower Upper
91 100
92 65.7 49.1 73.7

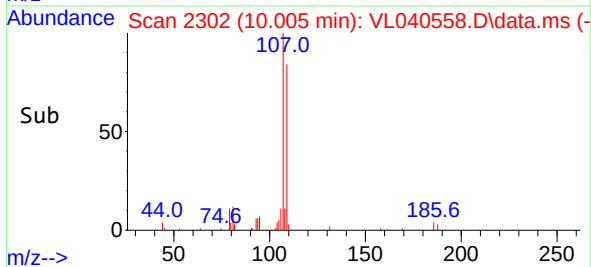
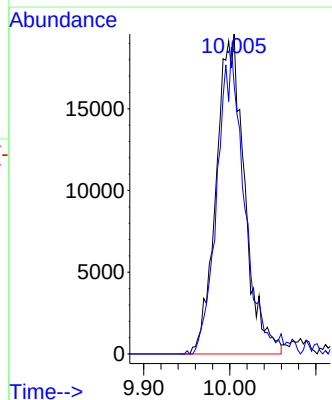
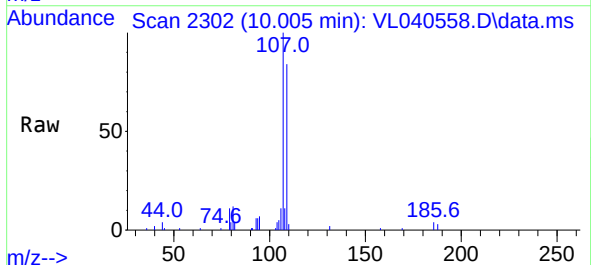
Manual Integrations
APPROVED

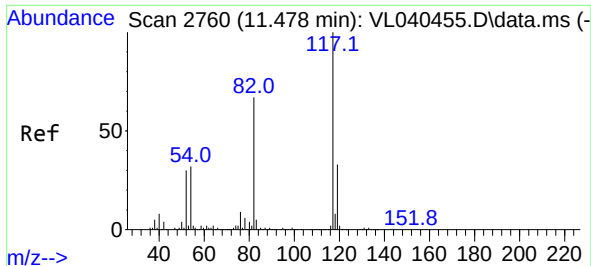
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#54
1,2-Dibromoethane
Concen: 0.406 ppbv m
RT: 10.005 min Scan# 2302
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

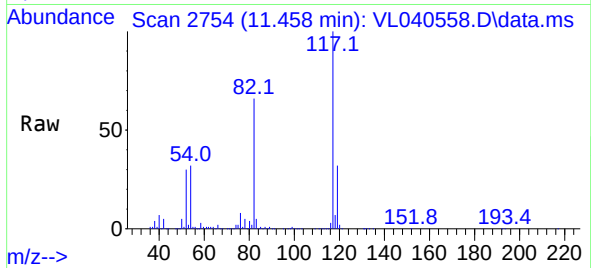
Tgt Ion:107 Resp: 44666
Ion Ratio Lower Upper
107 100
109 84.1 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

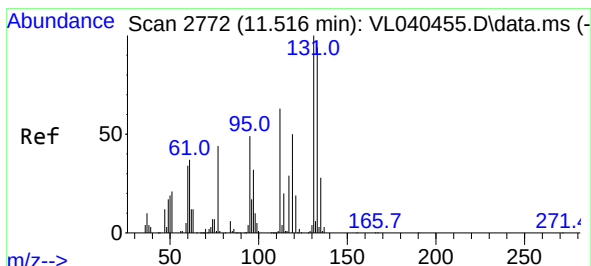
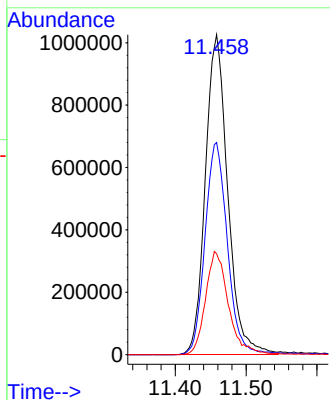
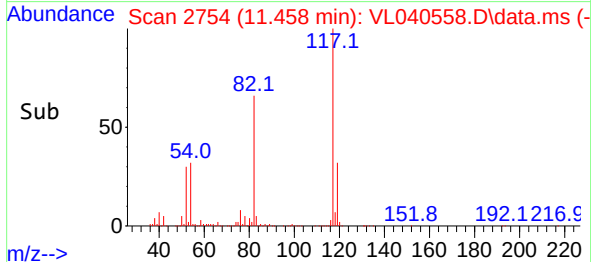
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



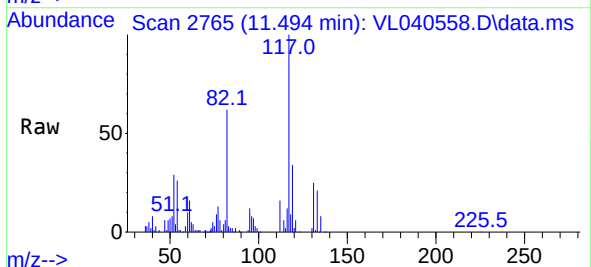
Tgt Ion:117 Resp: 2251840
Ion Ratio Lower Upper
117 100
82 67.2 50.2 75.4
119 33.2 26.9 40.3

Manual Integrations
APPROVED

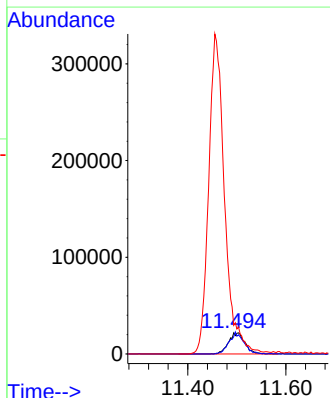
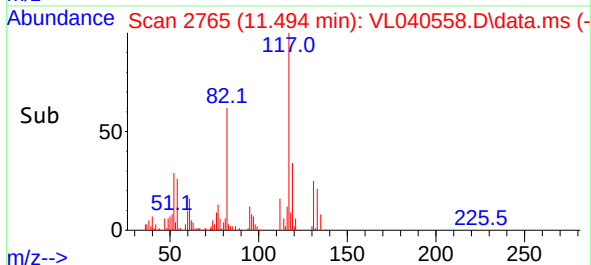
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

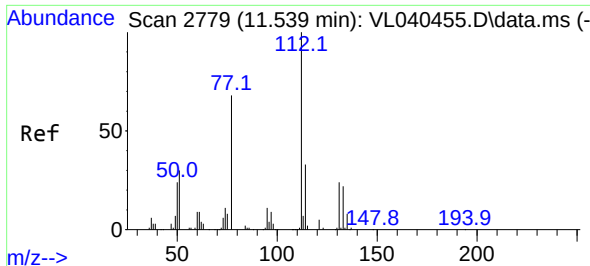


#56
1,1,1,2-Tetrachloroethane
Concen: 0.499 ppbv m
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



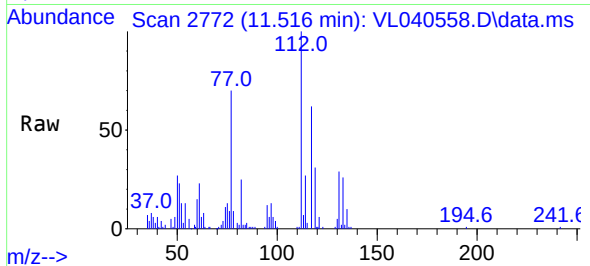
Tgt Ion:131 Resp: 50346
Ion Ratio Lower Upper
131 100
133 0.0 76.3 114.5#
119 0.0 51.1 76.7#





#57
Chlorobenzene
Concen: 0.482 ppbv
RT: 11.516 min Scan# 2112
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

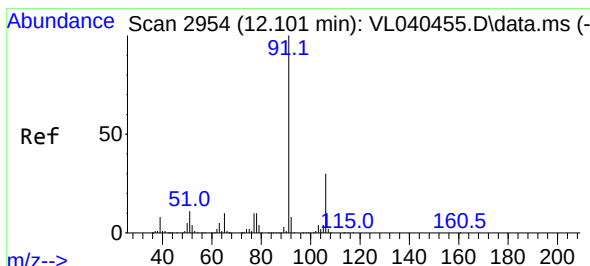
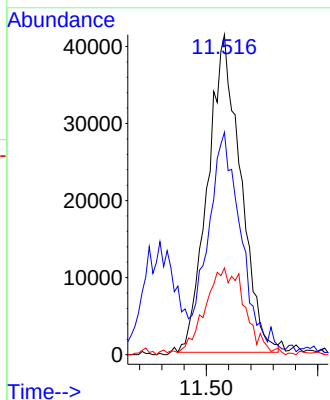
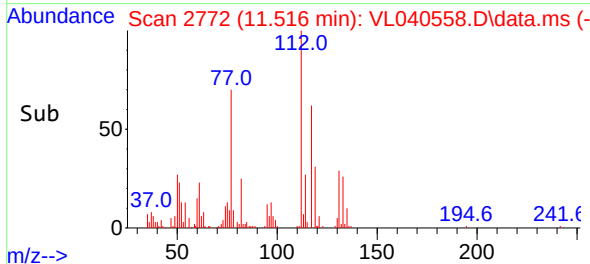
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion:112 Resp: 84709
Ion Ratio Lower Upper
112 100
77 67.2 51.0 76.6
114 26.6 28.3 34.5

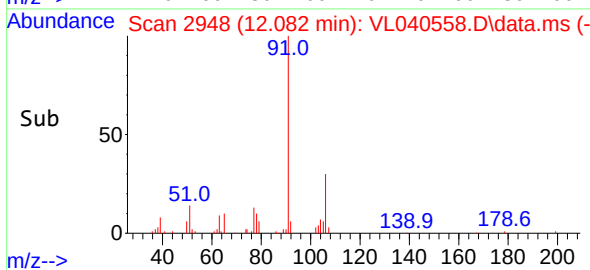
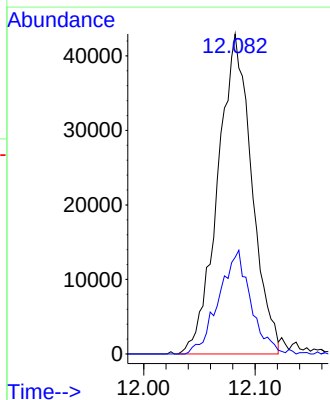
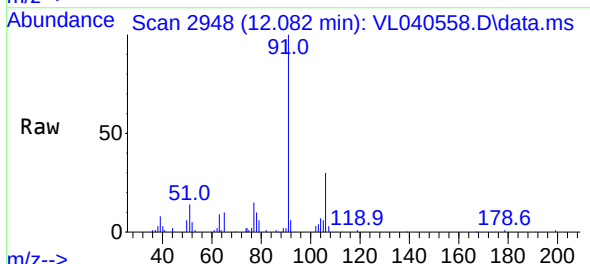
Manual Integrations
APPROVED

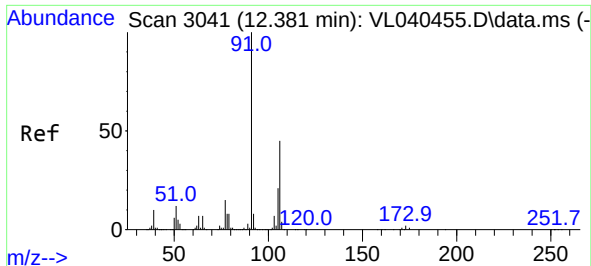
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#58
Ethyl Benzene
Concen: 0.323 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

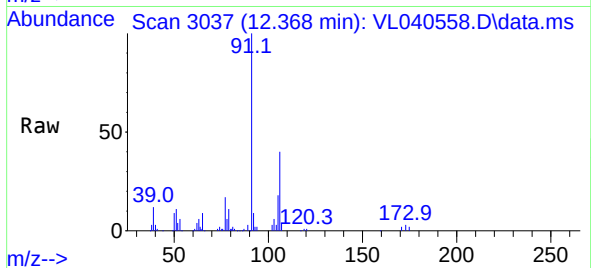
Tgt Ion: 91 Resp: 91204
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0





#59
m/p-Xylene
Concen: 0.731 ppbv m
RT: 12.368 min Scan# 3041
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

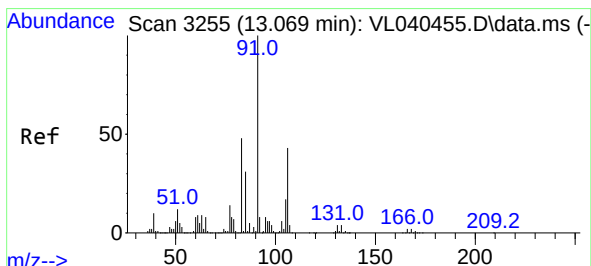
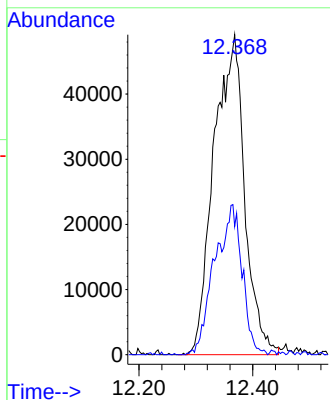
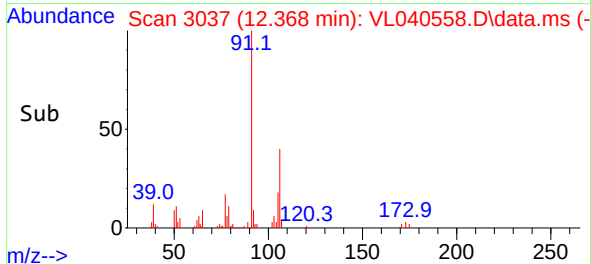
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 91 Resp: 184320
Ion Ratio Lower Upper
91 100
106 42.3 35.9 53.9

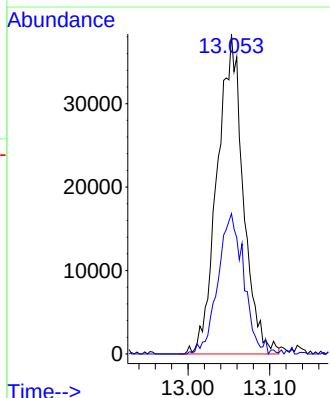
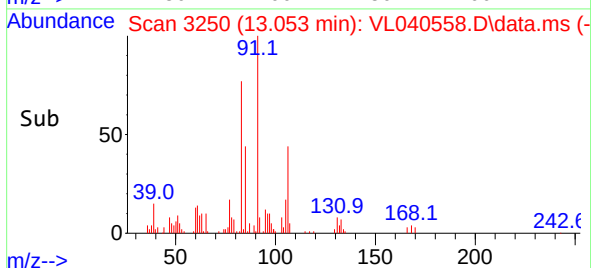
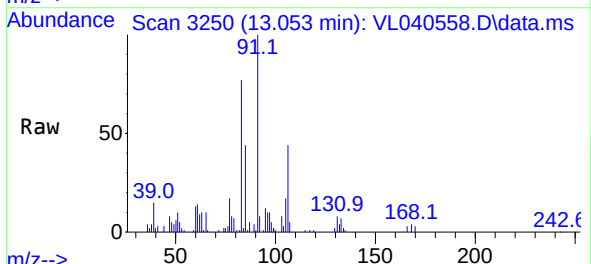
Manual Integrations
APPROVED

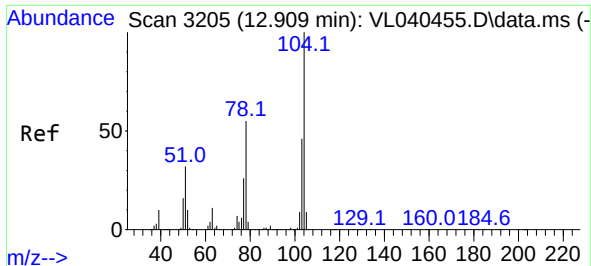
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#60
o-Xylene
Concen: 0.353 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

Tgt Ion: 91 Resp: 84761
Ion Ratio Lower Upper
91 100
106 0.0 22.7 68.0#





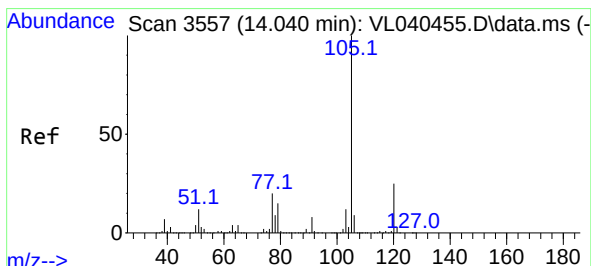
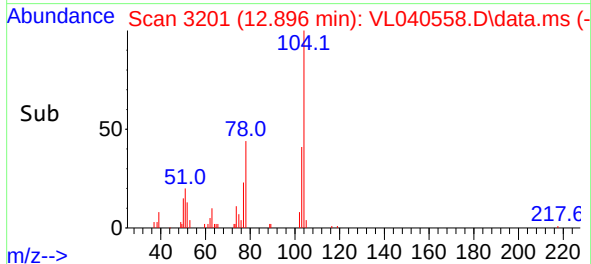
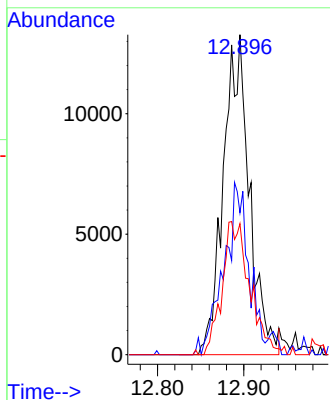
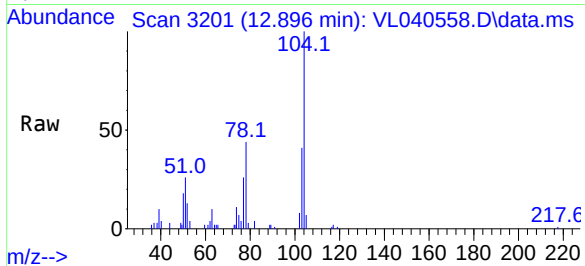
#61
Styrene
Concen: 0.250 ppbv m
RT: 12.896 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

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

Tgt Ion:104 Resp: 27700
Ion Ratio Lower Upper
104 100
78 54.1 40.1 60.1
103 44.7 37.0 55.4

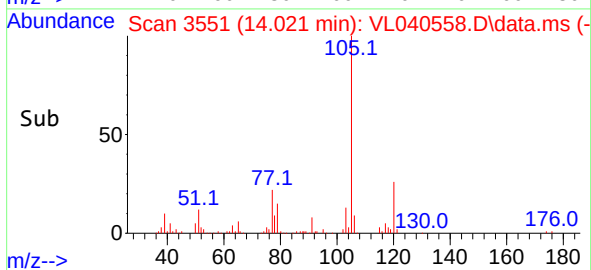
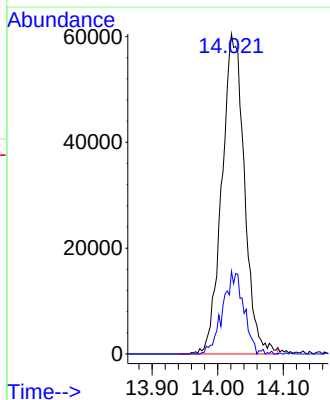
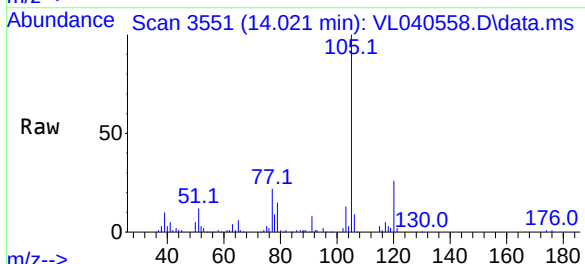
Manual Integrations
APPROVED

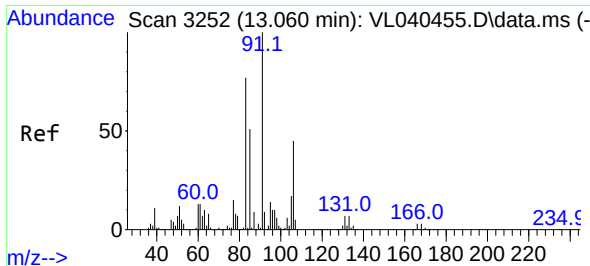
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#62
Isopropylbenzene
Concen: 0.399 ppbv m
RT: 14.021 min Scan# 3551
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

Tgt Ion:105 Resp: 143771
Ion Ratio Lower Upper
105 100
120 24.4 20.8 31.2





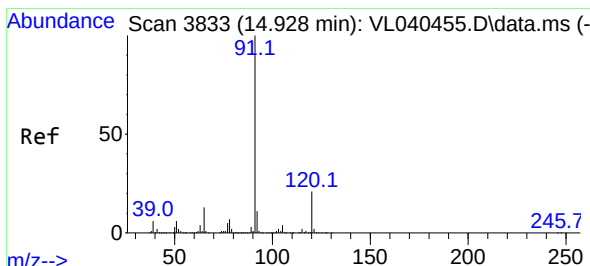
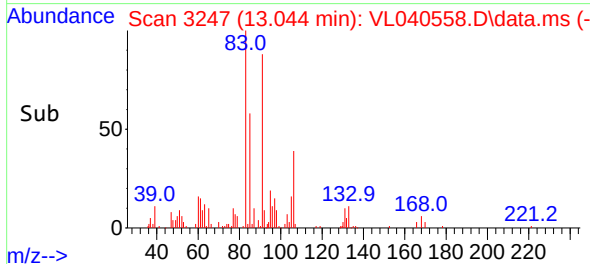
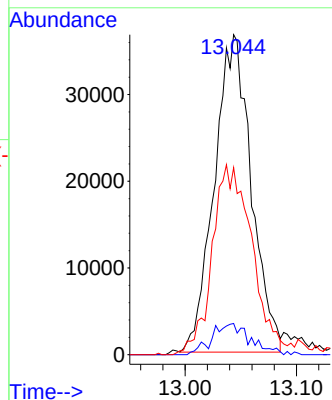
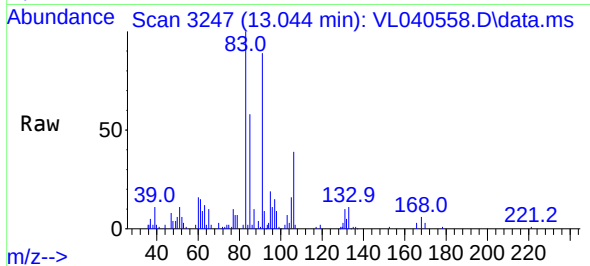
#63
1,1,2,2-Tetrachloroethane
Concen: 0.502 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

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

Tgt Ion: 83 Resp: 8441
Ion Ratio Lower Upper
83 100
131 10.4 4.6 13.8
85 68.1 32.8 98.3

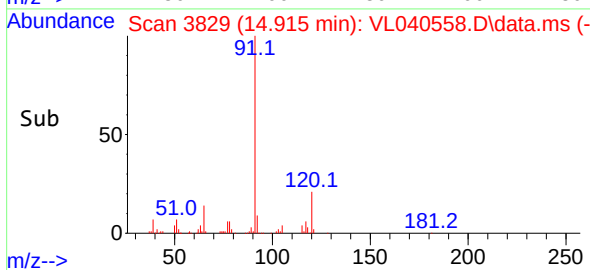
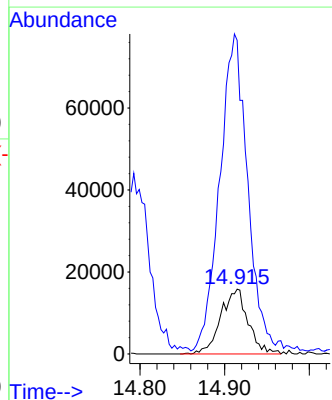
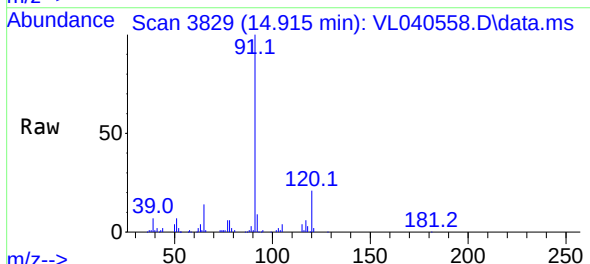
Manual Integrations
APPROVED

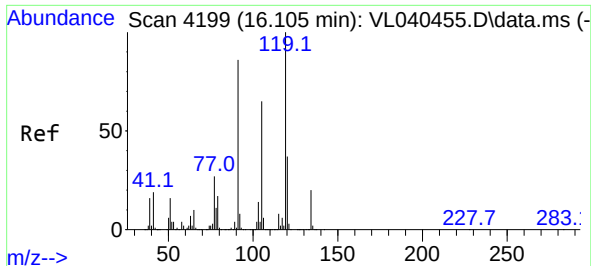
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#64
n-propylbenzene
Concen: 0.380 ppbv m
RT: 14.915 min Scan# 3829
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

Tgt Ion:120 Resp: 35361
Ion Ratio Lower Upper
120 100
91 527.3 374.3 561.5





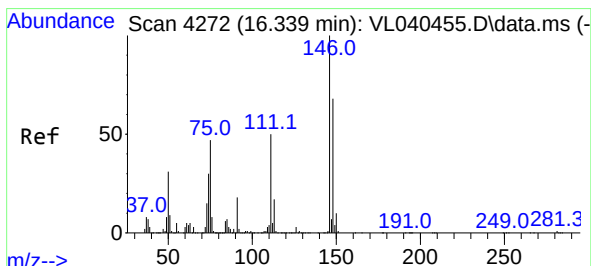
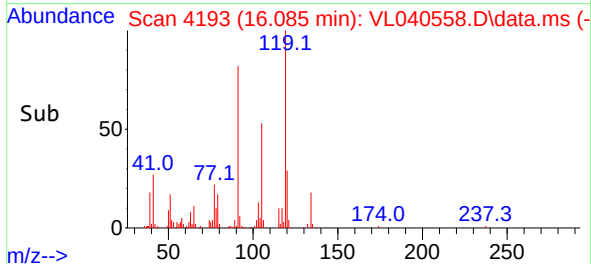
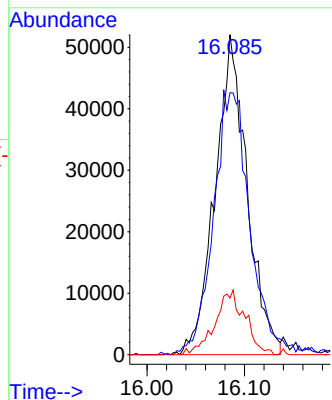
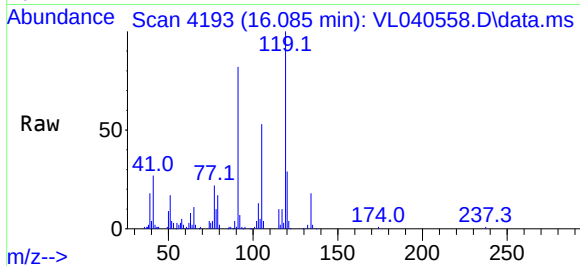
#65
tert-Butylbenzene
Concen: 0.371 ppbv
RT: 16.085 min Scan# 4199
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

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

Tgt Ion: 119 Resp: 11836
Ion Ratio Lower Upper
119 100
91 93.7 66.1 99.1
134 19.3 15.7 23.5

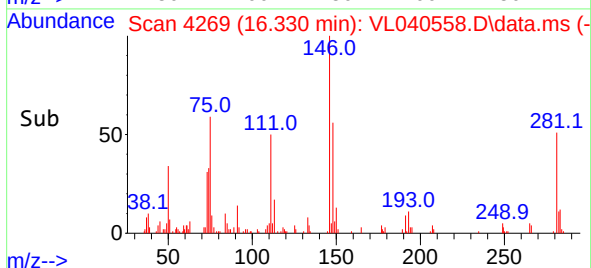
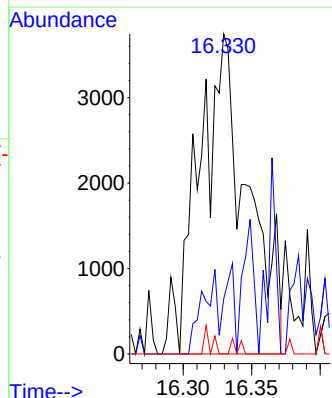
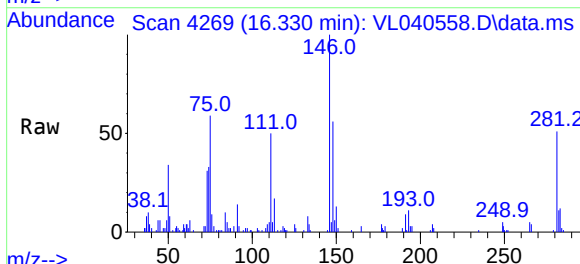
Manual Integrations
APPROVED

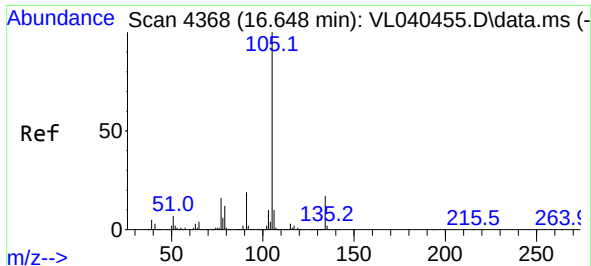
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#66
Benzyl Chloride
Concen: 0.397 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. -0.007 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

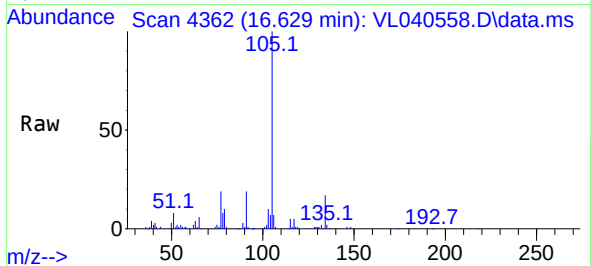
Tgt Ion: 91 Resp: 8957
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#





#67
 sec-Butylbenzene
 Concen: 0.397 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. -0.019 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

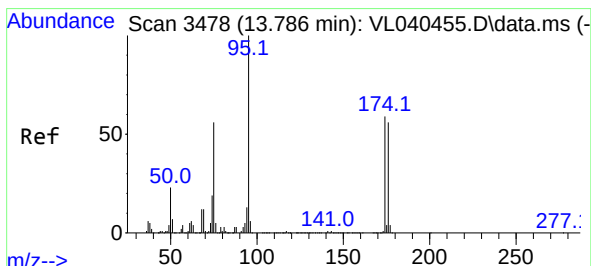
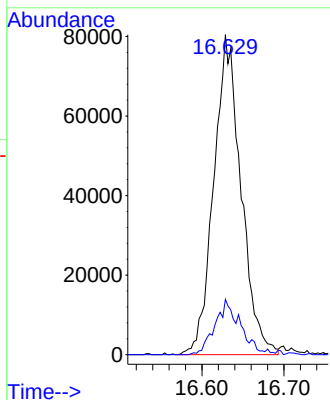
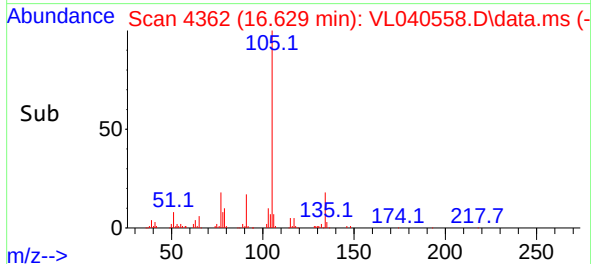
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion:105 Resp: 185940
 Ion Ratio Lower Upper
 105 100
 134 16.4 14.4 21.6

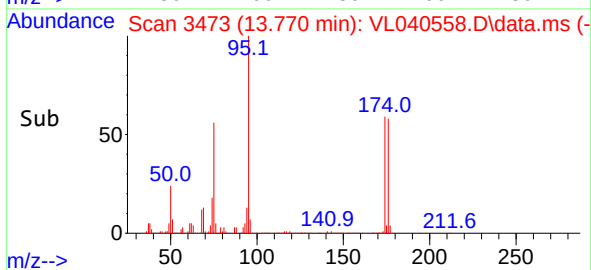
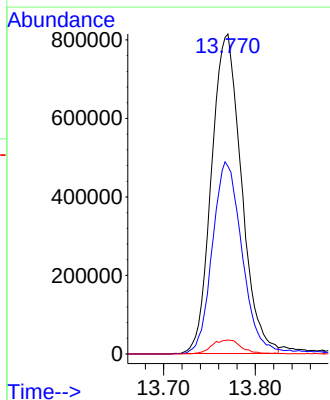
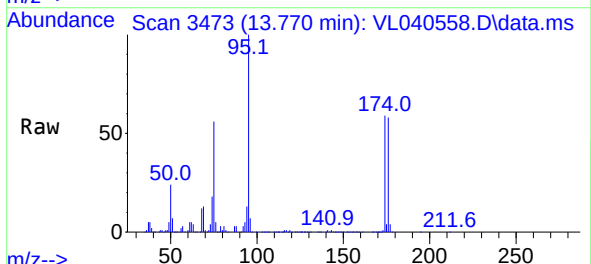
Manual Integrations
 APPROVED

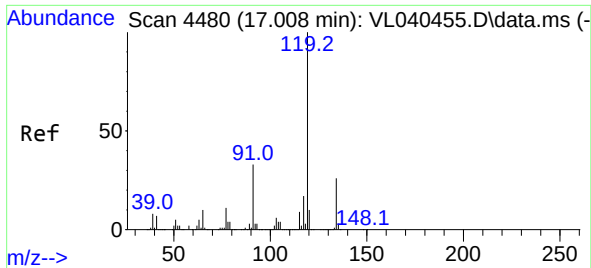
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.367 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040558.D
 Acq: 27 Jul 2023 2:47

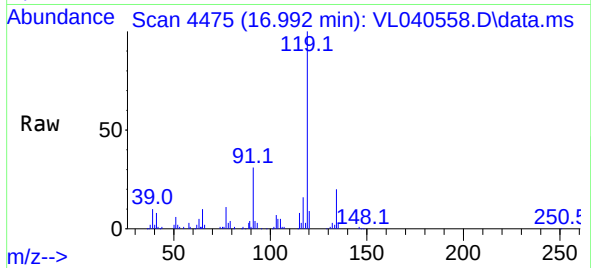
Tgt Ion: 95 Resp: 1847669
 Ion Ratio Lower Upper
 95 100
 174 61.3 50.6 75.8
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.340 ppbv
RT: 16.992 min Scan# 4480
Delta R.T. -0.013 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

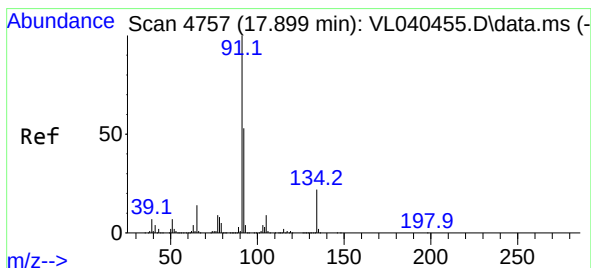
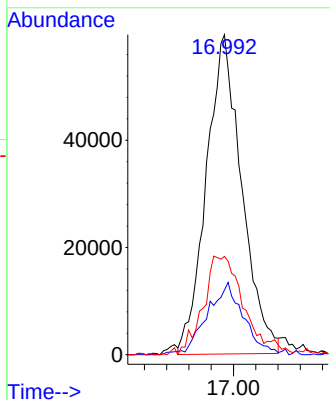
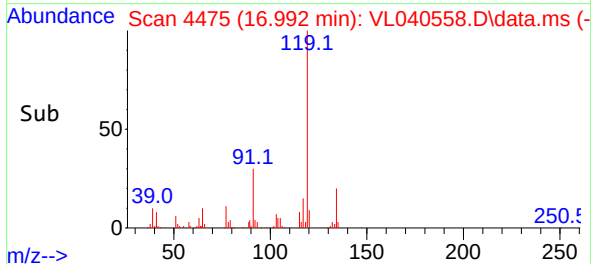
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



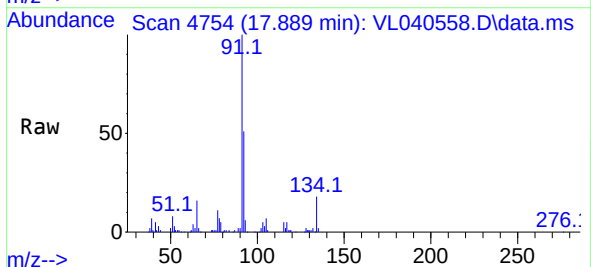
Tgt Ion:119 Resp: 131750
Ion Ratio Lower Upper
119 100
134 23.6 20.5 30.7
91 36.5 23.8 35.8

Manual Integrations
APPROVED

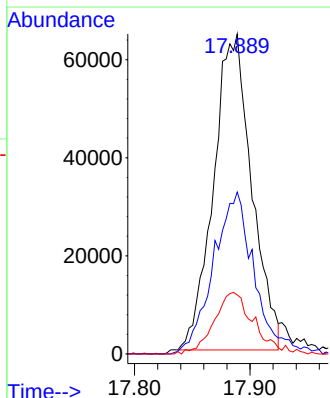
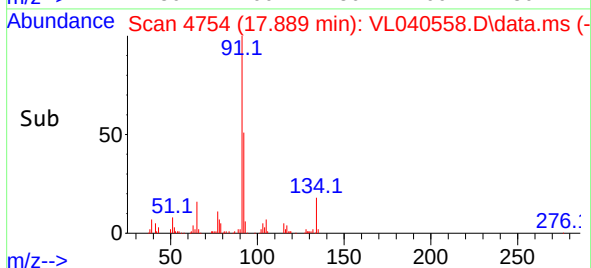
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

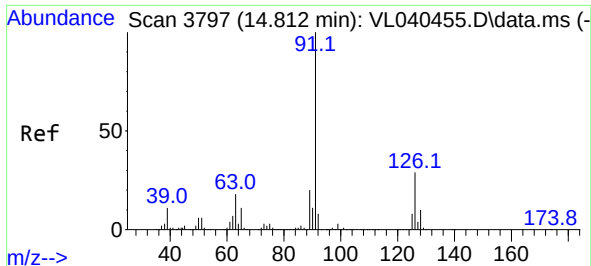


#70
n-Butylbenzene
Concen: 0.343 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.007 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



Tgt Ion: 91 Resp: 148246
Ion Ratio Lower Upper
91 100
92 54.9 43.4 65.0
134 20.4 18.1 27.1





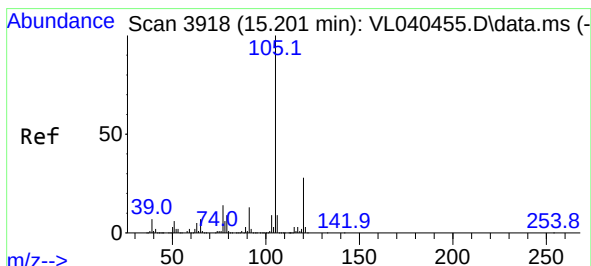
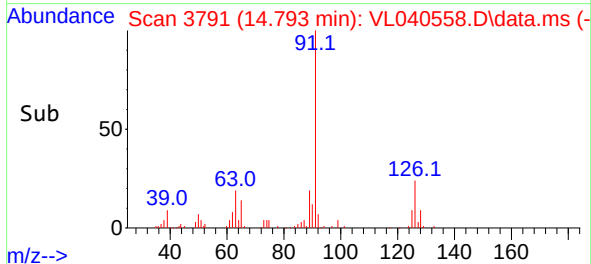
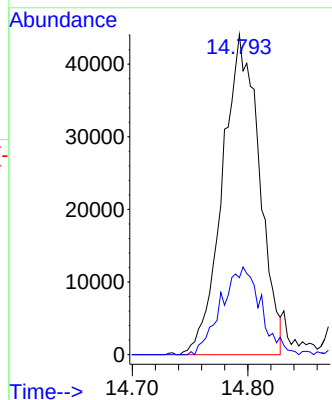
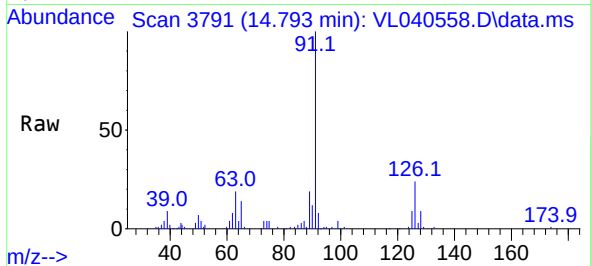
#71
2-Chlorotoluene
Concen: 0.353 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

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

Tgt Ion: 91 Resp: 97962
Ion Ratio Lower Upper
91 100
126 29.8 12.4 49.8

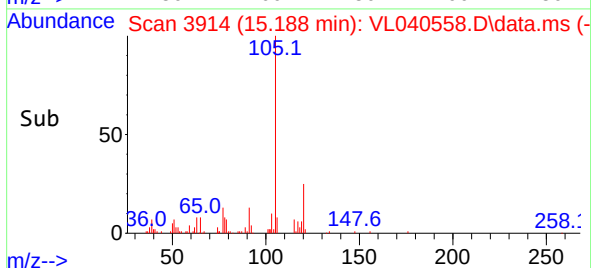
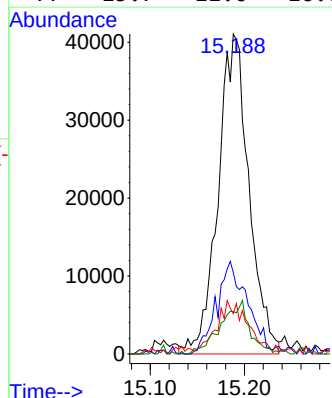
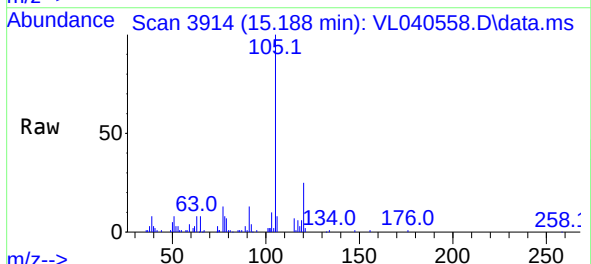
Manual Integrations
APPROVED

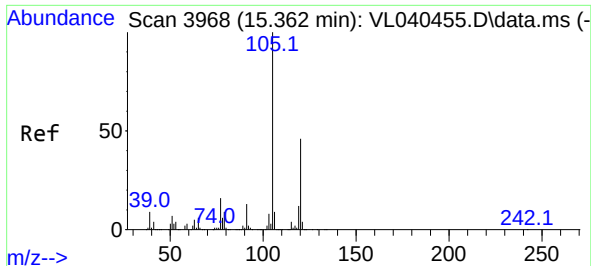
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#72
4-Ethyltoluene
Concen: 0.332 ppbv m
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

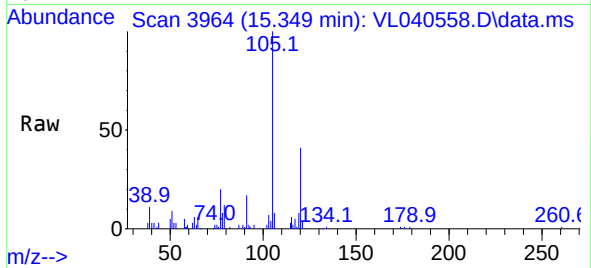
Tgt Ion:105 Resp: 93615
Ion Ratio Lower Upper
105 100
120 29.3 24.6 37.0
91 0.0 10.7 16.1#
77 15.7 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 0.307 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. -0.013 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

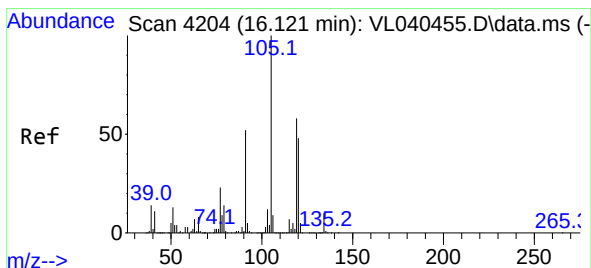
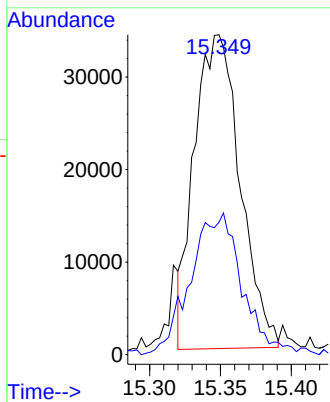
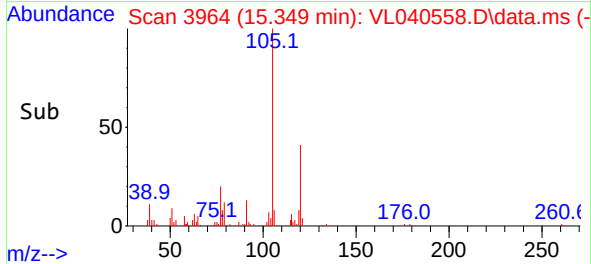
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



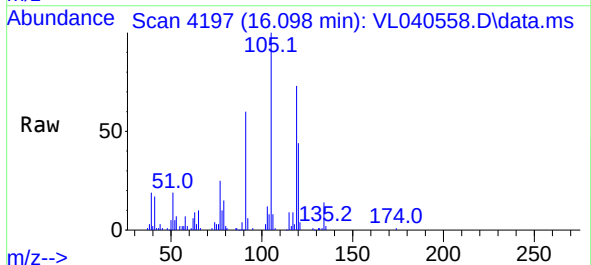
Tgt Ion:105 Resp: 76270
Ion Ratio Lower Upper
105 100
120 39.2 38.2 57.2

Manual Integrations
APPROVED

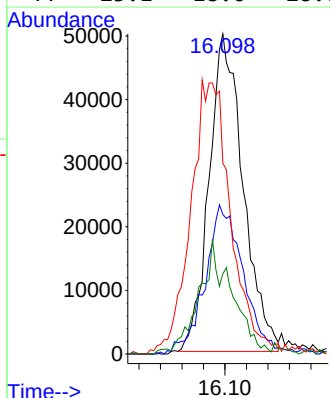
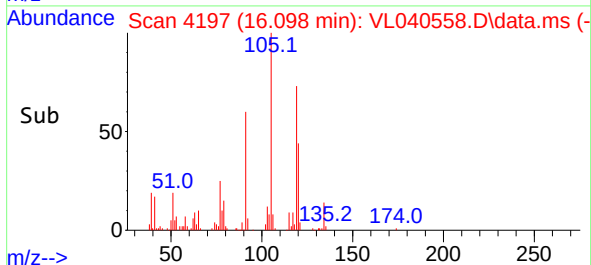
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

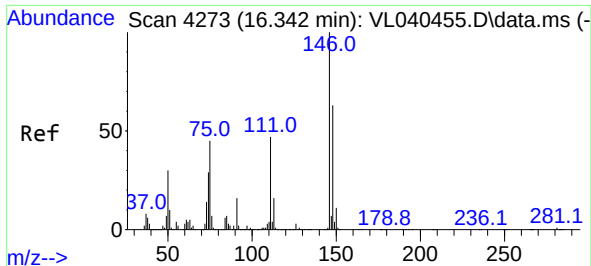


#74
1,2,4-Trimethylbenzene
Concen: 0.379 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



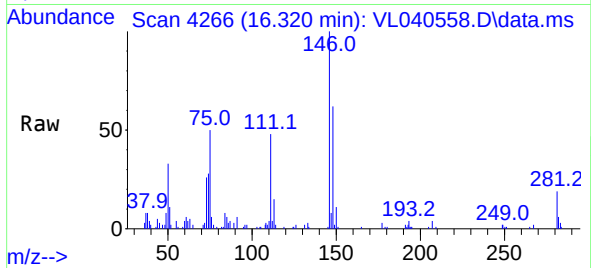
Tgt Ion:105 Resp: 109775
Ion Ratio Lower Upper
105 100
120 42.2 40.3 60.5
91 57.1 46.8 70.2
77 23.1 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 0.434 ppbv m
RT: 16.320 min Scan# 4312
Delta R.T. -0.023 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

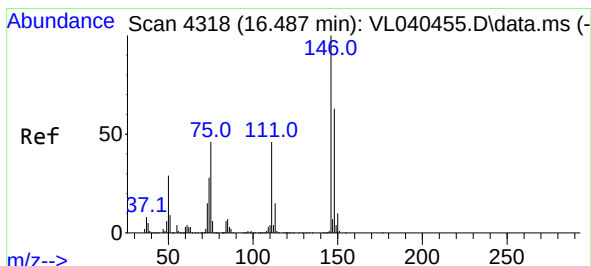
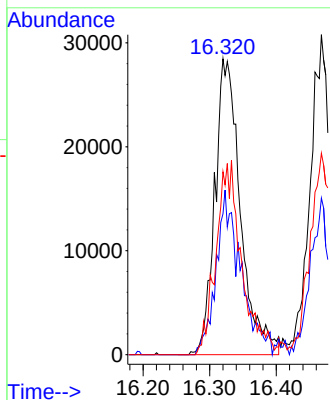
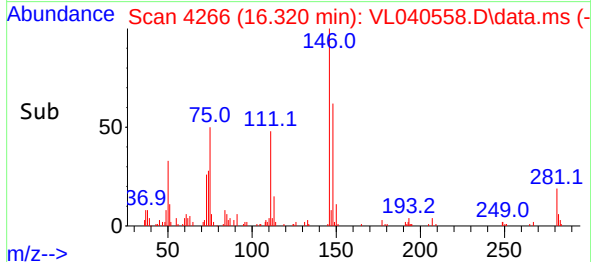
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



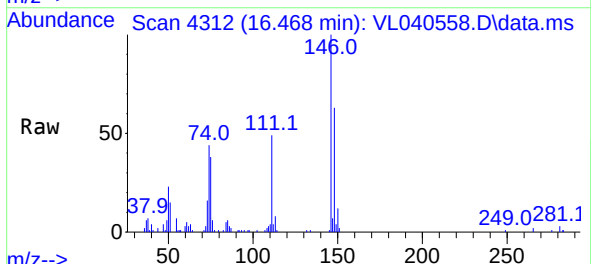
Tgt Ion:146 Resp: 7610
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 32.2 96.6#

Manual Integrations
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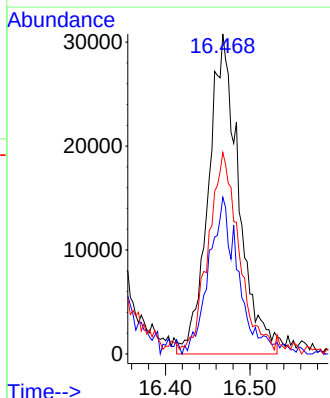
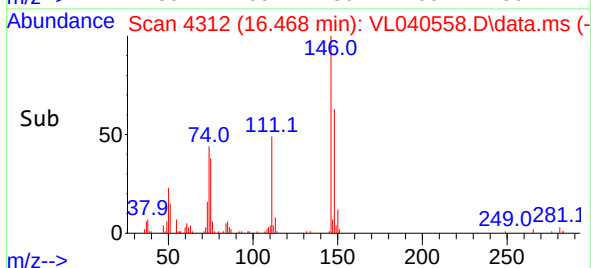
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

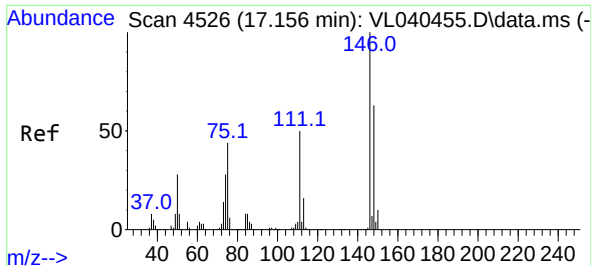


#76
1,4-Dichlorobenzene
Concen: 0.448 ppbv m
RT: 16.468 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



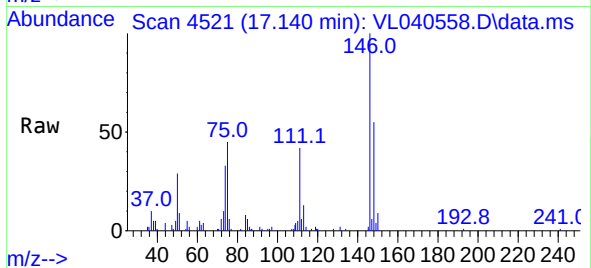
Tgt Ion:146 Resp: 77064
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.3#
148 0.0 32.6 97.8#





#77
1,2-Dichlorobenzene
Concen: 0.410 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

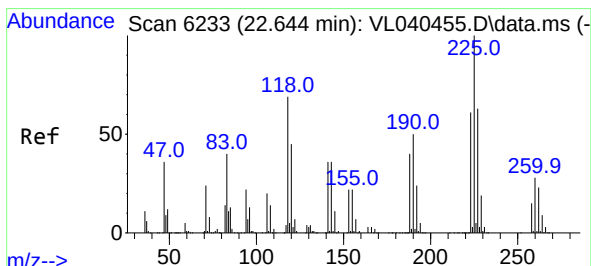
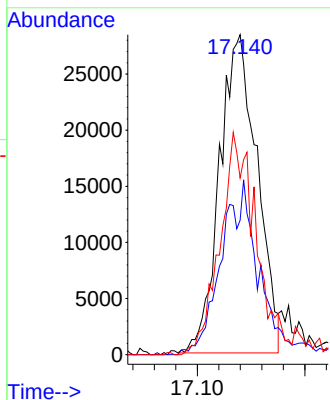
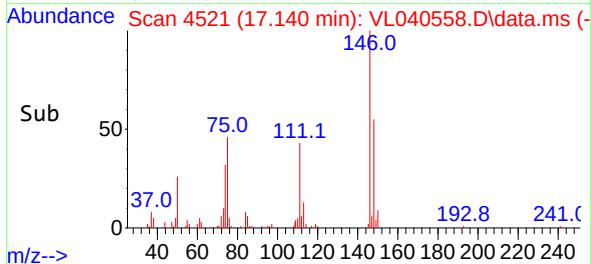
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:146 Resp: 6885
Ion Ratio Lower Upper
146 100
111 56.3 24.3 72.8
148 70.8 32.1 96.3

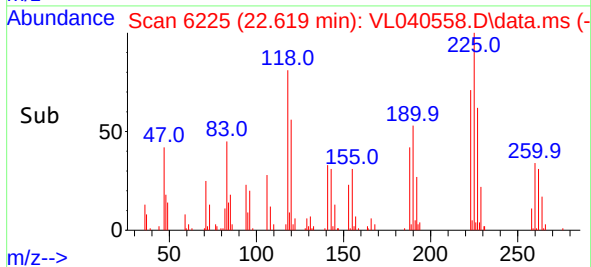
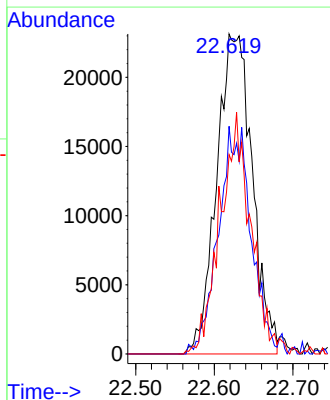
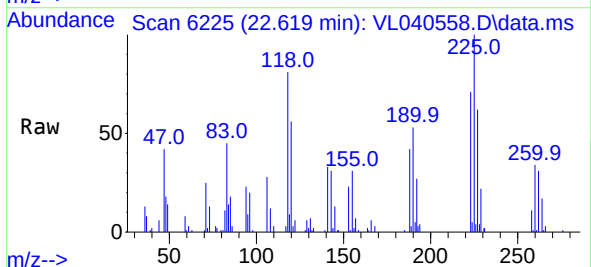
Manual Integrations
APPROVED

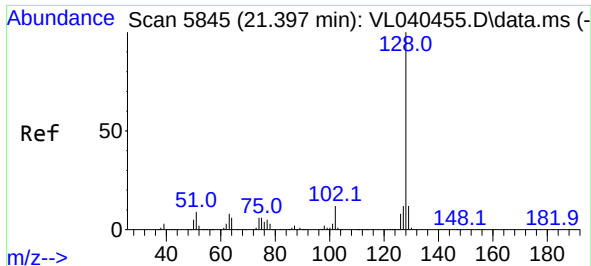
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.461 ppbv m
RT: 22.619 min Scan# 6225
Delta R.T. -0.029 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

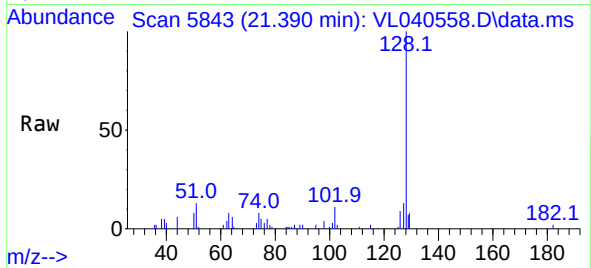
Tgt Ion:225 Resp: 72659
Ion Ratio Lower Upper
225 100
223 66.1 50.3 75.5
227 0.0 51.0 76.6#





#79
Naphthalene
Concen: 0.276 ppbv m
RT: 21.390 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47

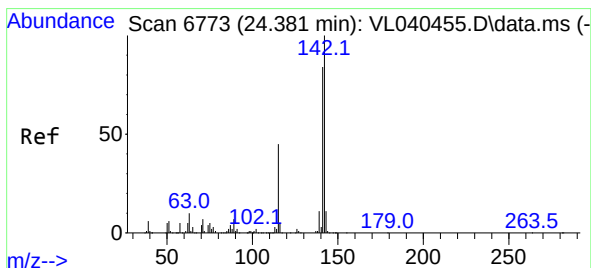
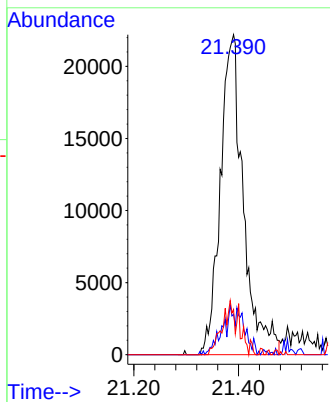
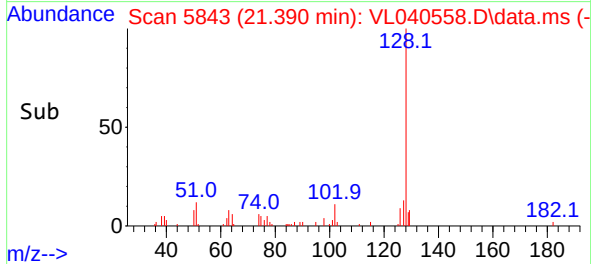
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



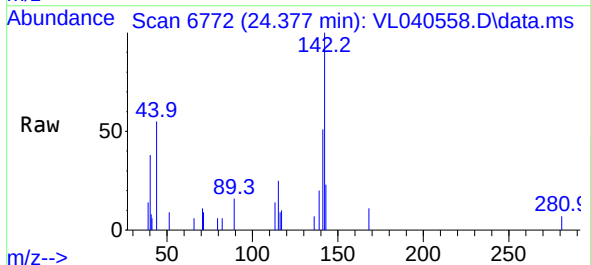
Tgt Ion:128 Resp: 6761
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 7.5 9.2 13.8

Manual Integrations
APPROVED

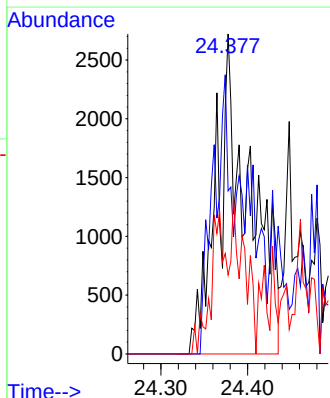
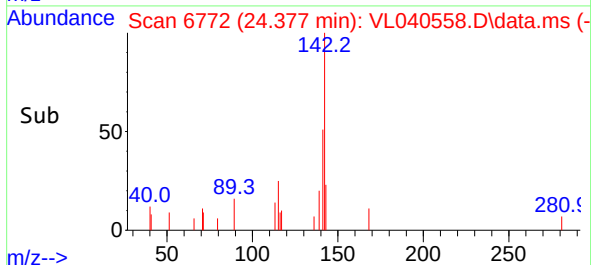
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

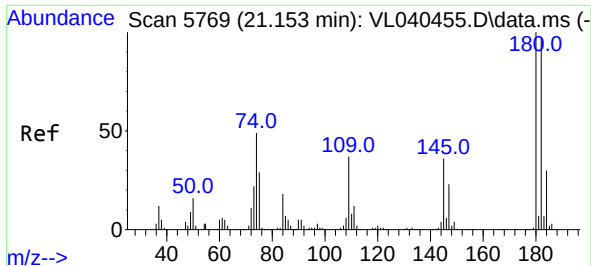


#80
Naphthalene,2-methyl-
Concen: 0.070 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. -0.000 min
Lab File: VL040558.D
Acq: 27 Jul 2023 2:47



Tgt Ion:142 Resp: 7115
Ion Ratio Lower Upper
142 100
141 59.0 66.7 100.1#
115 46.8 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 0.319 ppbv m

RT: 21.143 min Scan# 51

Delta R.T. -0.007 min

Lab File: VL040558.D

Acq: 27 Jul 2023 2:47

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion:180 Resp: 53869

Ion Ratio Lower Upper

180 100

182 97.8 77.5 116.3

184 32.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023

