

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040580.D
 Acq On : 31 Jul 2023 20:01
 Operator : SY/MD
 Sample : 03572-15 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023

Quant Time: Aug 01 01:41:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.182	49	1114916	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2705892	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.461	117	2411613	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2025375	10.612	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	23042m	0.103	ppbv	
3) Chlorodifluoromethane	2.661	51	16188	0.092	ppbv	# 89
4) Chloromethane	2.803	50	6168	0.088	ppbv	94
5) Vinyl Chloride	2.906	62	6404m	0.087	ppbv	
6) Bromomethane	3.105	94	3558m	0.115	ppbv	
7) Chloroethane	3.185	64	2993m	0.116	ppbv	
8) Dichlorotetrafluoroethane	2.848	85	17349	0.095	ppbv	100
9) Propene	2.690	41	7088	0.117	ppbv	96
10) Heptane	7.574	43	5844m	0.044	ppbv	
11) Trichlorofluoromethane	3.555	101	20318m	0.113	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.050	101	14152m	0.112	ppbv	
14) Bromoethene	3.362	108	4400m	0.081	ppbv	
15) Acetone	3.484	43	24833	0.194	ppbv	# 88
16) 1,3-Butadiene	2.980	39	5067	0.078	ppbv	# 77
17) tert-Butyl alcohol	3.889	59	13485m	0.102	ppbv	
18) 1,1-Dichloroethene	3.870	96	6349	0.109	ppbv	# 74
19) Isopropyl Alcohol	3.587	45	8415m	0.114	ppbv	
20) Methylene Chloride	3.925	84	15704	0.288	ppbv	92
21) Allyl Chloride	3.986	41	6904	0.094	ppbv	# 76
22) trans-1,2-Dichloroethene	4.436	96	6372m	0.111	ppbv	
23) Vinyl Acetate	4.632	43	11725m	0.096	ppbv	
24) 1,1-Dichloroethane	4.552	63	11897m	0.096	ppbv	
25) Ethyl Acetate	5.211	43	17845	0.073	ppbv	98
26) Hexane	5.198	57	8615	0.076	ppbv	# 77
27) Carbon Disulfide	4.111	76	10340m	0.077	ppbv	
28) Methyl tert-Butyl Ether	4.594	73	9181m	0.100	ppbv	
29) Chloroform	5.266	83	16801	0.089	ppbv	84
30) Cyclohexane	6.590	84	2989m	0.032	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	7568m	0.067	ppbv	
32) 1,1,1-Trichloroethane	5.995	97	16713m	0.091	ppbv	
34) 2-Butanone	4.803	43	10135	0.076	ppbv	# 90
35) Carbon Tetrachloride	6.484	117	14689m	0.090	ppbv	
36) Benzene	6.365	78	13097m	0.060	ppbv	
37) 1,2-Dichloroethane	5.799	62	11140	0.087	ppbv	98
38) Trichloroethene	7.282	130	5549m	0.067	ppbv	
39) 1,2-Dichloropropane	7.066	63	8687m	0.104	ppbv	
41) Tetrahydrofuran	5.597	42	3485m	0.045	ppbv	
42) Bromodichloromethane	7.240	83	15735	0.088	ppbv	# 81
43) Methyl Methacrylate	7.475	69	3661m	0.045	ppbv	
44) 2,2,4-Trimethylpentane	7.311	57	18161m	0.052	ppbv	
45) t-1,3-Dichloropropene	8.706	75	2893m	0.055	ppbv	
46) cis-1,3-Dichloropropene	8.134	75	3484m	0.052	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	6870m	0.074	ppbv	

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

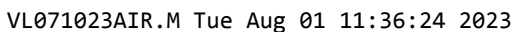
Reviewed By : Semsettin Yesilyurt 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

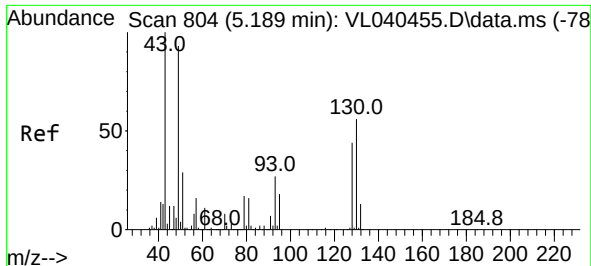
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	9.700	129	9997m	0.070	ppbv	
49) Bromoform	12.404	173	6935m	0.061	ppbv	
50) 4-Methyl-2-Pentanone	8.211	43	8965m	0.046	ppbv	
51) 2-Hexanone	9.581	43	5290m	0.039	ppbv	
52) Tetrachloroethene	10.600	164	4831m	0.069	ppbv	
53) Toluene	9.214	91	11086m	0.047	ppbv	
54) 1,2-Dibromoethane	9.995	107	6447m	0.056	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.503	131	9909m	0.092	ppbv	
57) Chlorobenzene	11.519	112	15966m	0.085	ppbv	
58) Ethyl Benzene	12.088	91	12424m	0.041	ppbv	
59) m/p-Xylene	12.339	91	21157m	0.078	ppbv	
60) o-Xylene	13.050	91	9189m	0.036	ppbv	
61) Styrene	12.902	104	4162m	0.035	ppbv	
62) Isopropylbenzene	14.027	105	18987m	0.049	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.050	83	14079m	0.078	ppbv	
64) n-propylbenzene	14.912	120	3870m	0.039	ppbv	
65) tert-Butylbenzene	16.092	119	12756m	0.037	ppbv	
67) sec-Butylbenzene	16.635	105	22386m	0.045	ppbv	
69) p-Isopropyltoluene	16.992	119	14424m	0.035	ppbv	
70) n-Butylbenzene	17.895	91	17658m	0.038	ppbv	
71) 2-Chlorotoluene	14.793	91	13764m	0.046	ppbv	
72) 4-Ethyltoluene	15.198	105	10628m	0.035	ppbv	
73) 1,3,5-Trimethylbenzene	15.352	105	9073m	0.034	ppbv	
74) 1,2,4-Trimethylbenzene	16.104	105	11230m	0.036	ppbv	
75) 1,3-Dichlorobenzene	16.339	146	13594m	0.072	ppbv	
76) 1,4-Dichlorobenzene	16.468	146	12457m	0.068	ppbv	
77) 1,2-Dichlorobenzene	17.146	146	10790m	0.060	ppbv	
78) Hexachloro-1,3-Butadiene	22.641	225	13317m	0.079	ppbv	
81) 1,2,4-Trichlorobenzene	21.133	180	6670m	0.037	ppbv	

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

Manual Integrations APPROVED

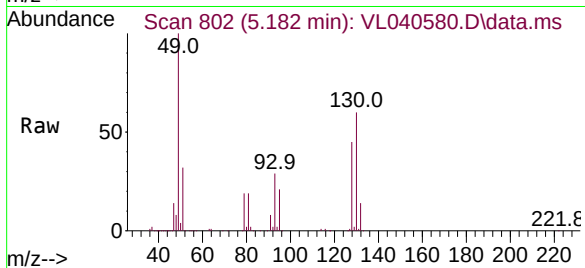
Quant Time: Aug 01 01:41:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.020 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

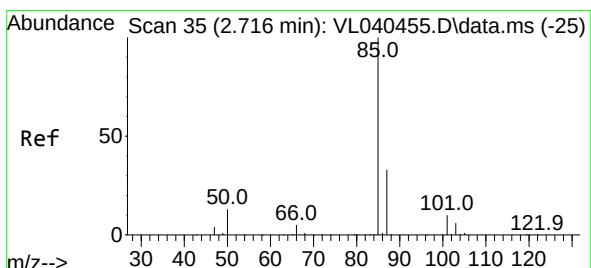
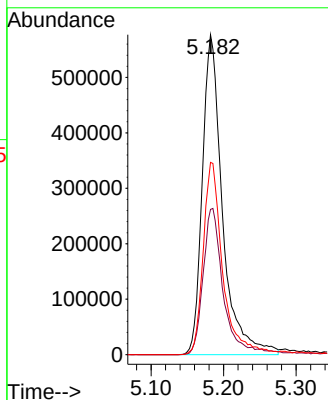
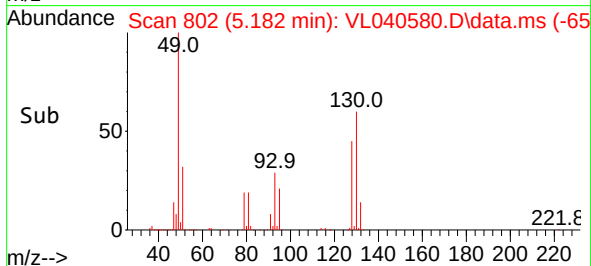
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



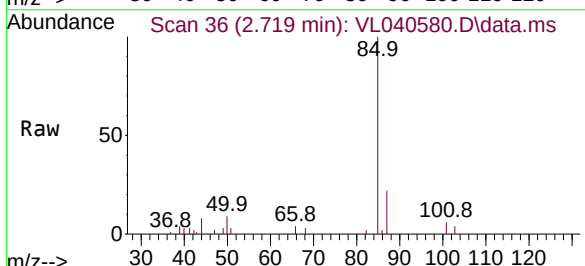
Tgt Ion: 49 Resp: 1114910
Ion Ratio Lower Upper
49 100
128 46.5 25.1 75.4
130 60.1 31.6 94.7

Manual Integrations
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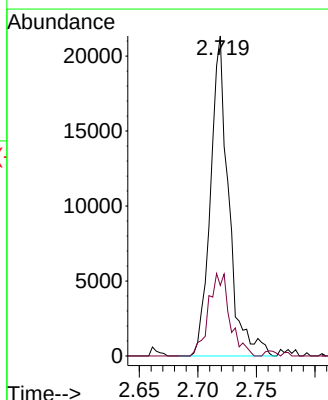
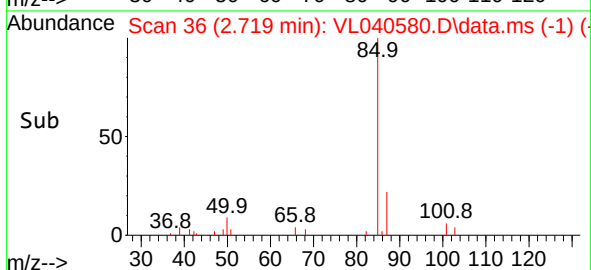
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

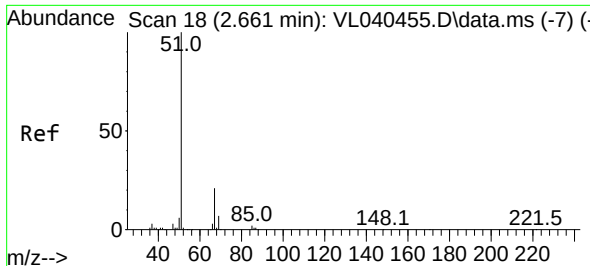


#2
Dichlorodifluoromethane
Concen: 0.103 ppbv m
RT: 2.719 min Scan# 36
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01



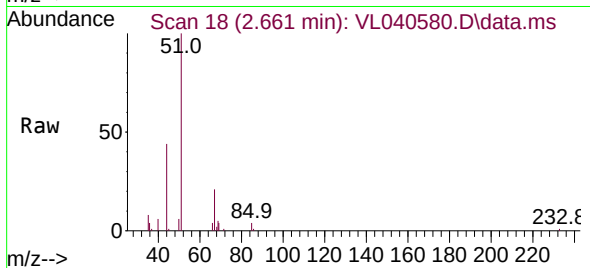
Tgt Ion: 85 Resp: 23042
Ion Ratio Lower Upper
85 100
87 22.0 26.8 40.2#





#3
Chlorodifluoromethane
Concen: 0.092 ppbv
RT: 2.661 min Scan# 18
Delta R.T. -0.023 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

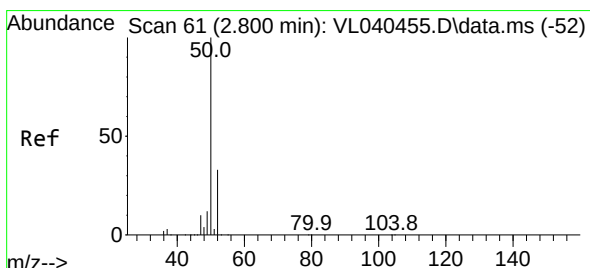
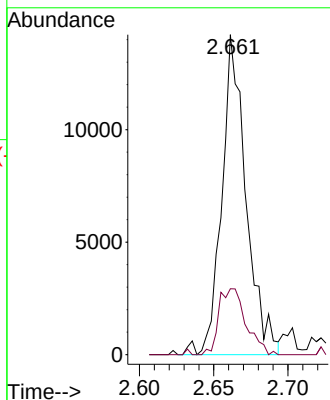
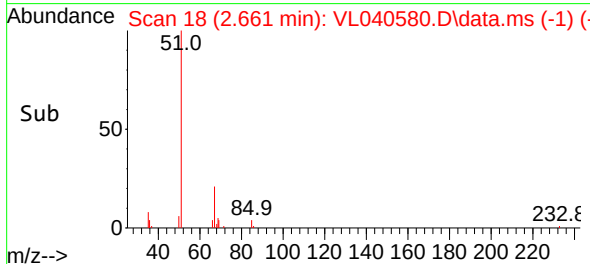
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



Tgt Ion: 51 Resp: 1618
Ion Ratio Lower Upper
51 100
67 23.1 14.6 21.8

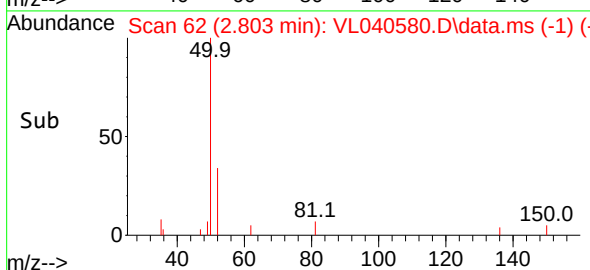
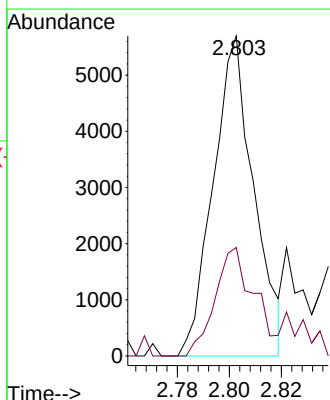
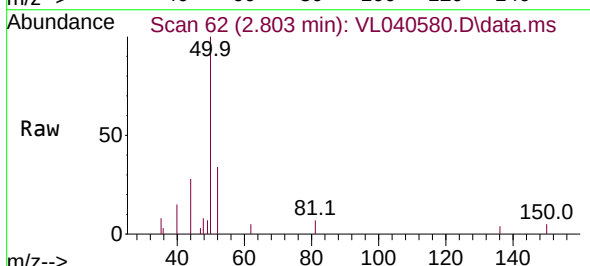
Manual Integrations
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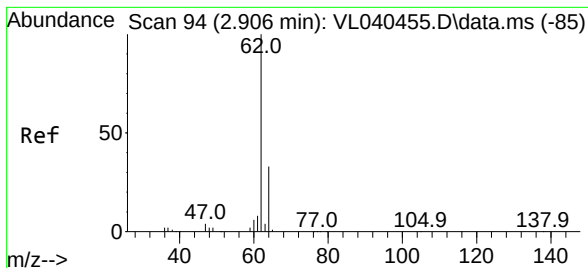
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#4
Chloromethane
Concen: 0.088 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

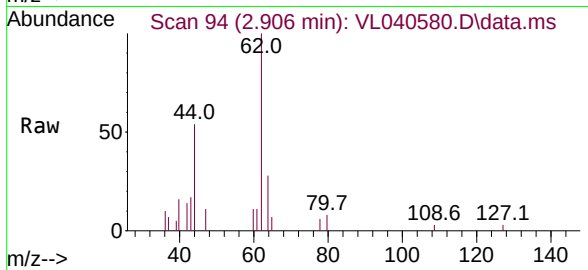
Tgt Ion: 50 Resp: 6168
Ion Ratio Lower Upper
50 100
52 33.9 24.4 36.6





#5
 Vinyl Chloride
 Concen: 0.087 ppbv m
 RT: 2.906 min Scan# 94
 Delta R.T. -0.023 min
 Lab File: VL040580.D
 Acq: 31 Jul 2023 20:01

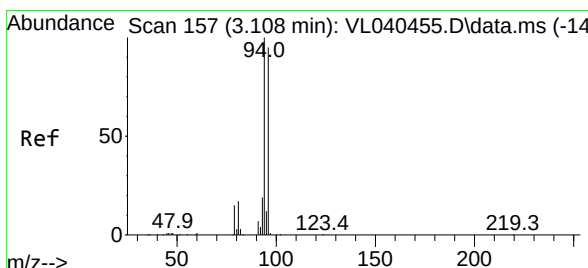
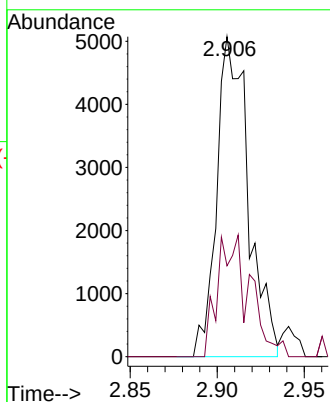
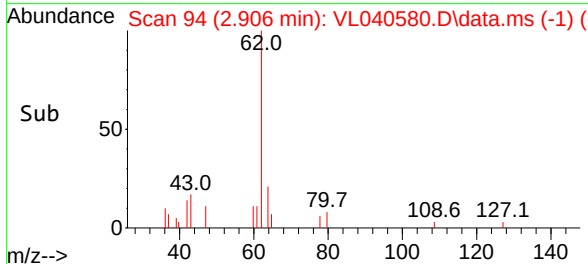
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



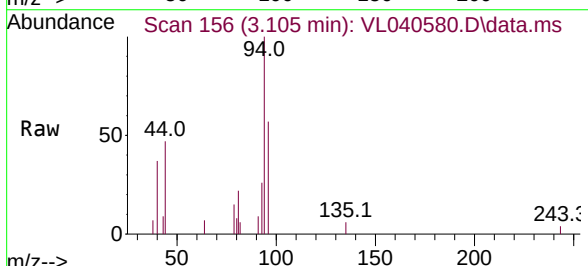
Tgt Ion: 62 Resp: 6404
 Ion Ratio Lower Upper
 62 100
 64 7.2 26.4 39.6

Manual Integrations
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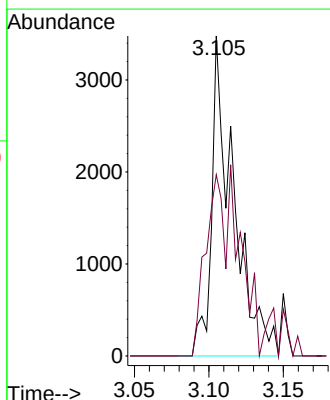
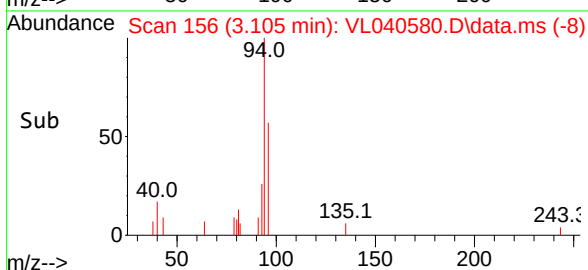
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

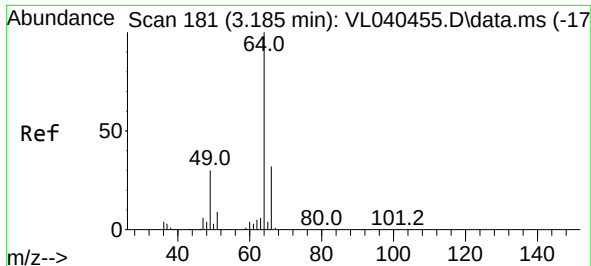


#6
 Bromomethane
 Concen: 0.115 ppbv m
 RT: 3.105 min Scan# 156
 Delta R.T. -0.023 min
 Lab File: VL040580.D
 Acq: 31 Jul 2023 20:01



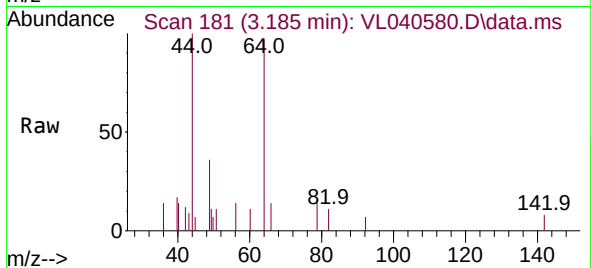
Tgt Ion: 94 Resp: 3558
 Ion Ratio Lower Upper
 94 100
 96 56.7 75.7 113.5





#7
Chloroethane
Concen: 0.116 ppbv m
RT: 3.185 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

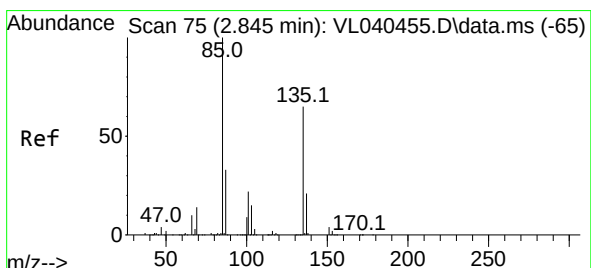
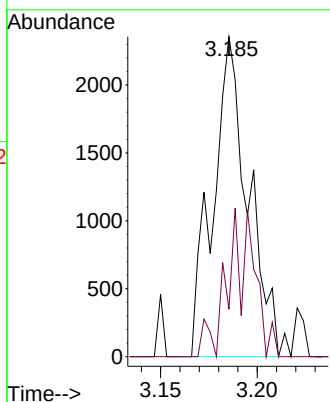
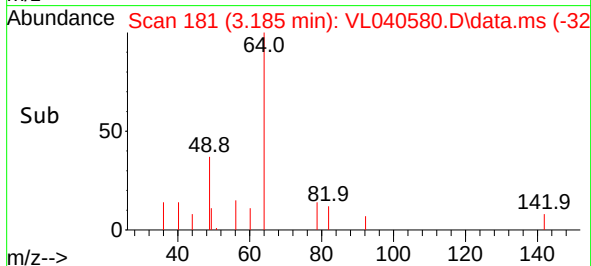
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 64 Resp: 299
Ion Ratio Lower Upper
64 100
66 14.8 24.4 36.6

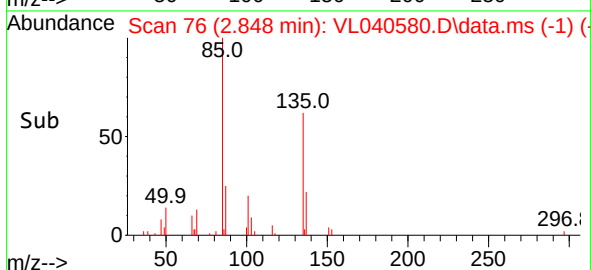
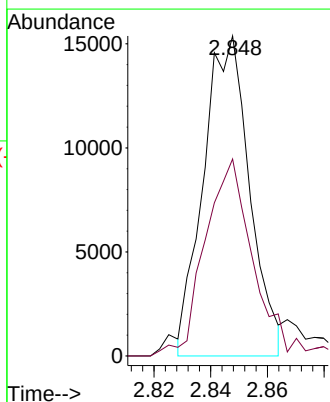
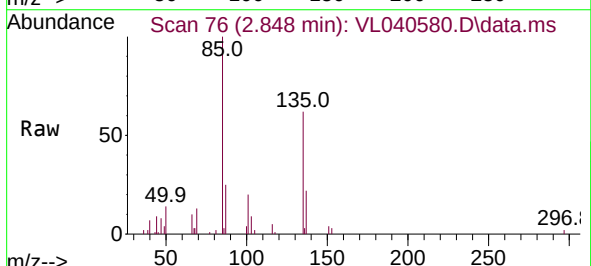
Manual Integrations
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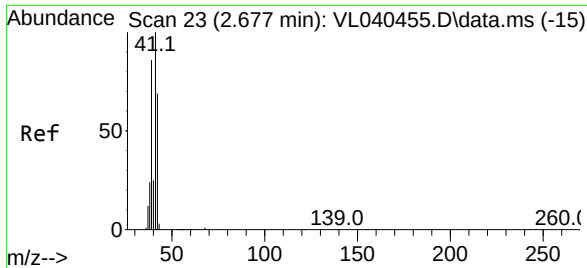
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#8
Dichlorotetrafluoroethane
Concen: 0.095 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

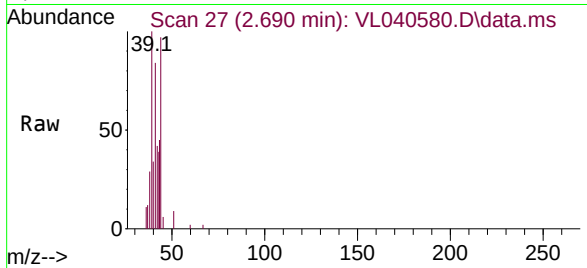
Tgt Ion: 85 Resp: 17349
Ion Ratio Lower Upper
85 100
135 65.5 52.4 78.6





#9
 Propene
 Concen: 0.117 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VL040580.D
 Acq: 31 Jul 2023 20:01

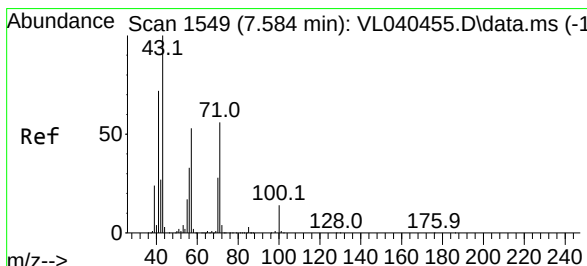
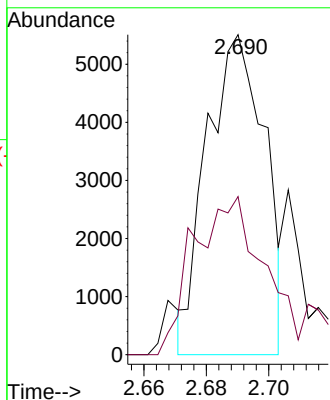
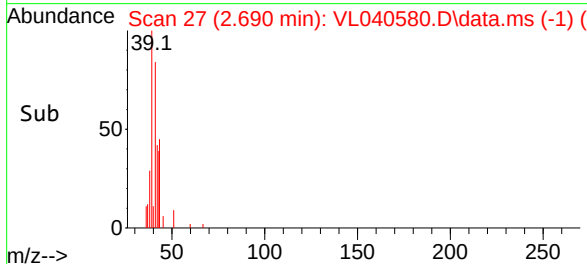
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



Tgt Ion: 41 Resp: 7088
 Ion Ratio Lower Upper
 41 100
 42 72.2 55.0 82.6

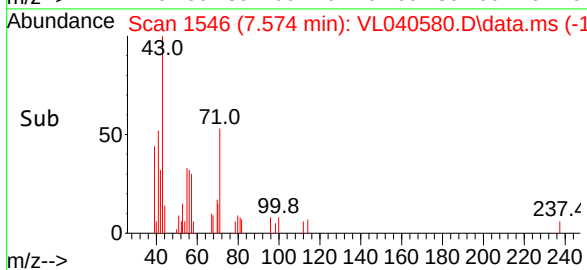
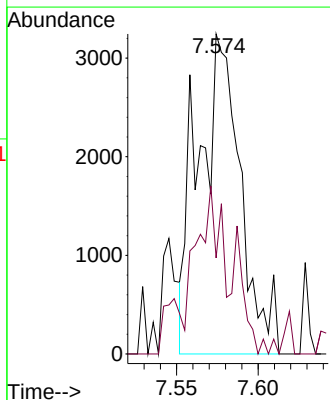
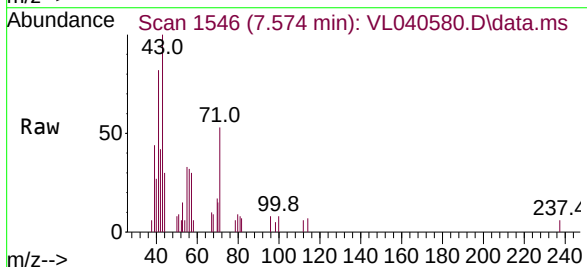
Manual Integrations
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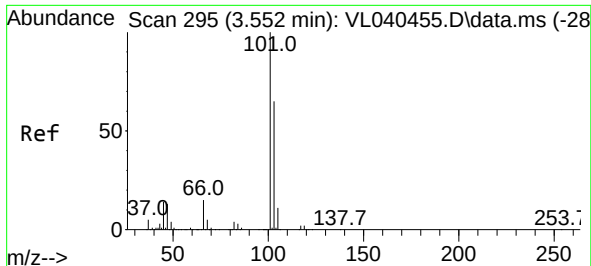
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#10
 Heptane
 Concen: 0.044 ppbv m
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.016 min
 Lab File: VL040580.D
 Acq: 31 Jul 2023 20:01

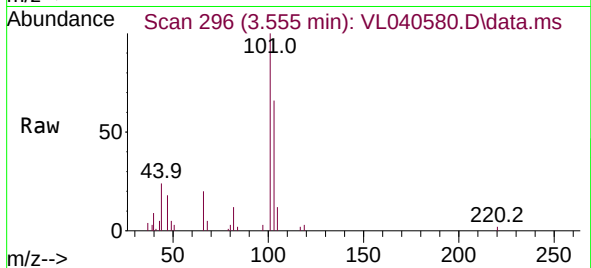
Tgt Ion: 43 Resp: 5844
 Ion Ratio Lower Upper
 43 100
 57 0.0 42.5 63.7#





#11
Trichlorofluoromethane
Concen: 0.113 ppbv m
RT: 3.555 min Scan# 295
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

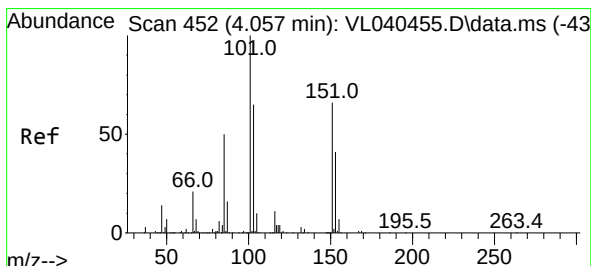
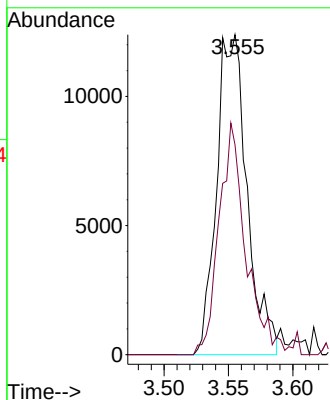
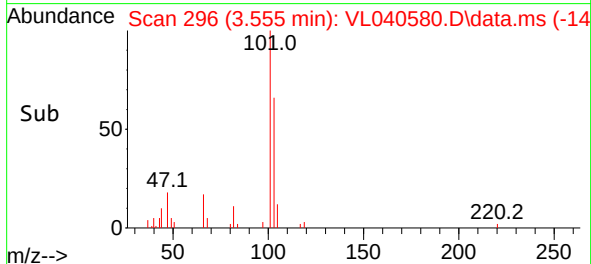
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



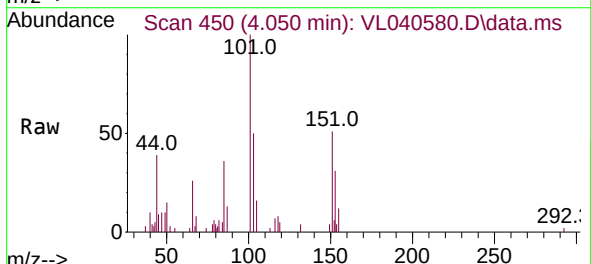
Tgt Ion:101 Resp: 20318
Ion Ratio Lower Upper
101 100
103 65.6 53.4 80.0

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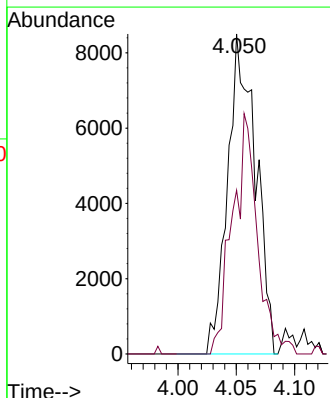
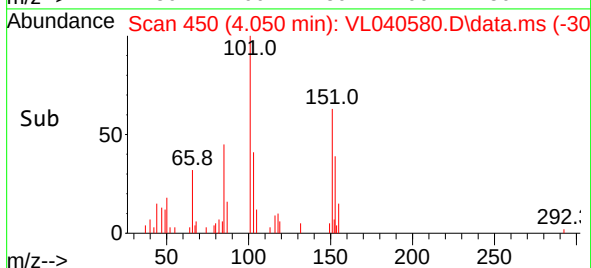
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

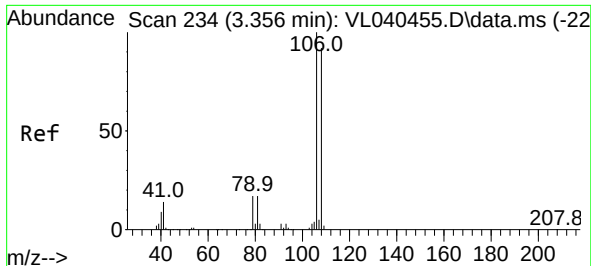


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.112 ppbv m
RT: 4.050 min Scan# 450
Delta R.T. -0.023 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01



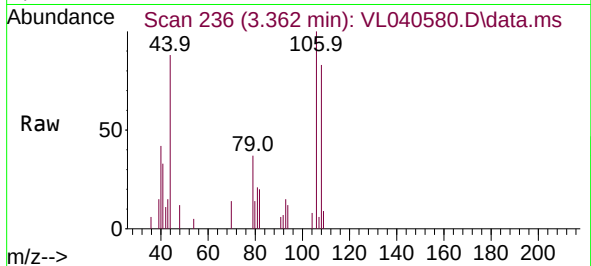
Tgt Ion:101 Resp: 14152
Ion Ratio Lower Upper
101 100
151 67.5 58.2 87.4





#14
Bromoethene
Concen: 0.081 ppbv m
RT: 3.362 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

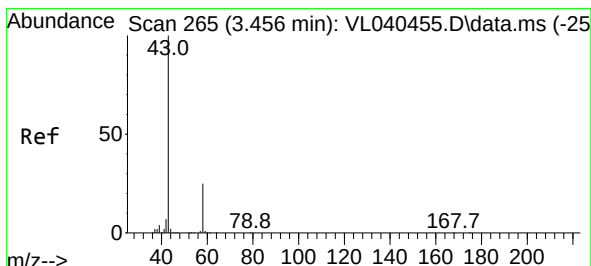
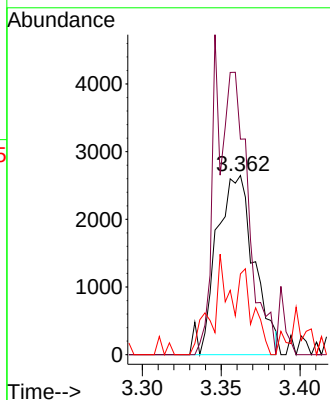
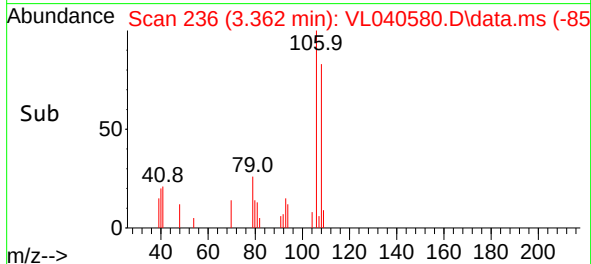
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion:108 Resp: 4400
Ion Ratio Lower Upper
108 100
106 145.6 87.2 130.8
79 46.9 15.3 22.9

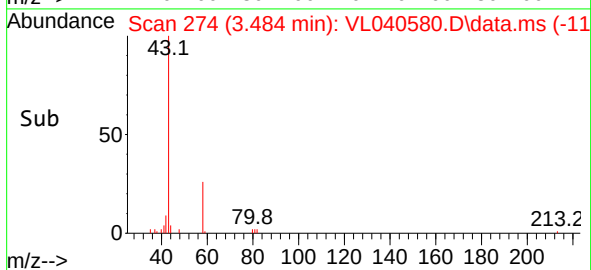
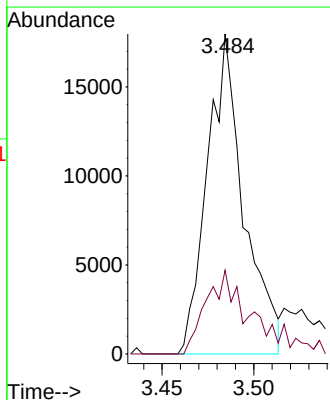
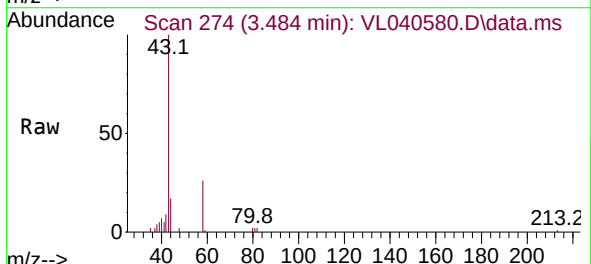
Manual Integrations
APPROVED

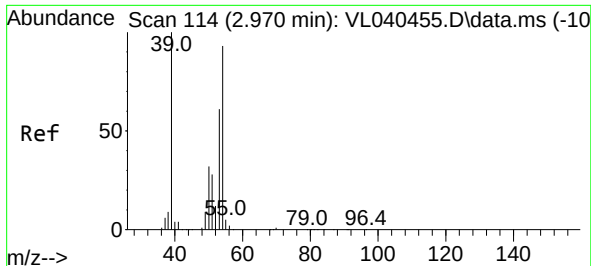
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#15
Acetone
Concen: 0.194 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.009 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

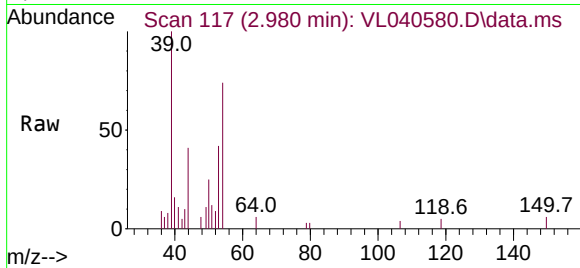
Tgt Ion: 43 Resp: 24833
Ion Ratio Lower Upper
43 100
58 34.7 22.9 34.3





#16
1,3-Butadiene
Concen: 0.078 ppbv
RT: 2.980 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

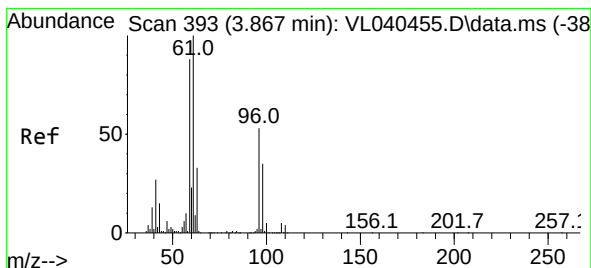
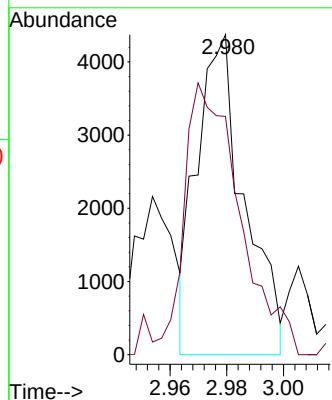
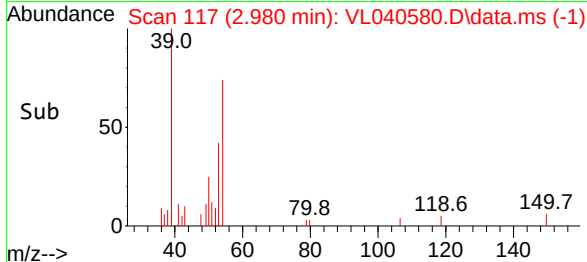
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 39 Resp: 506
Ion Ratio Lower Upper
39 100
54 103.7 66.6 100.0

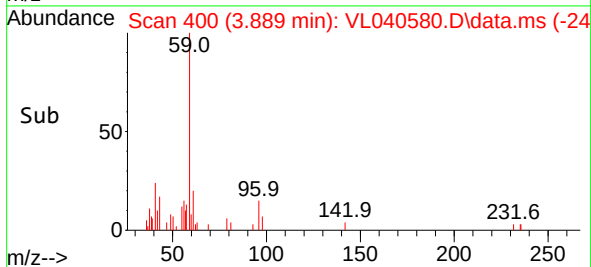
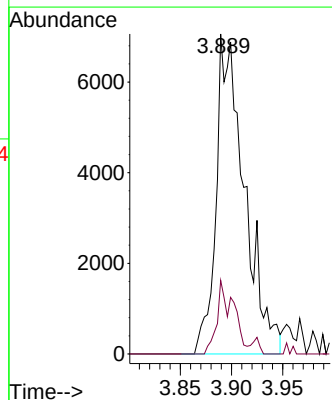
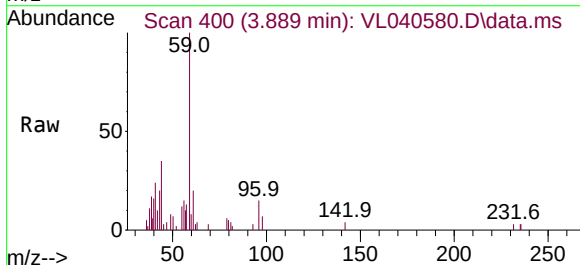
Manual Integrations
APPROVED

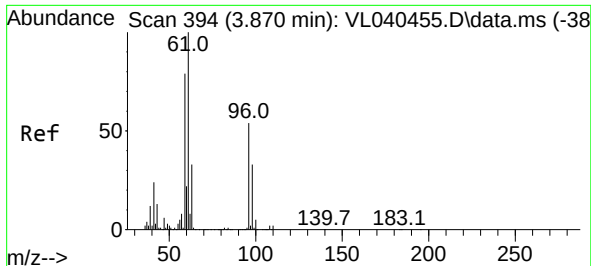
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#17
tert-Butyl alcohol
Concen: 0.102 ppbv m
RT: 3.889 min Scan# 400
Delta R.T. 0.006 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion: 59 Resp: 13485
Ion Ratio Lower Upper
59 100
57 14.9 8.7 13.1





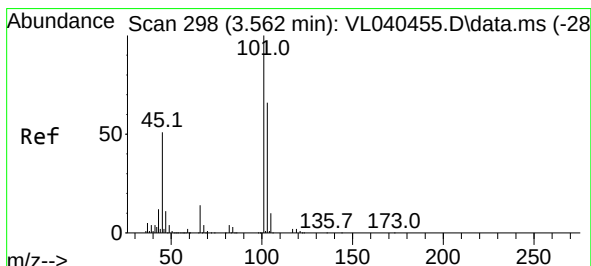
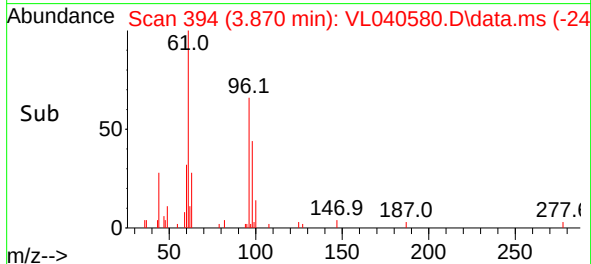
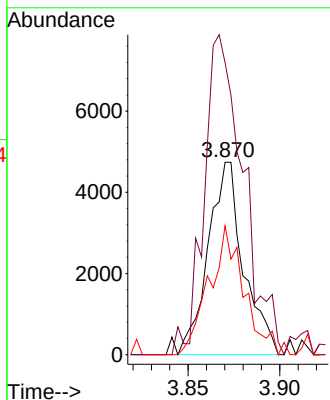
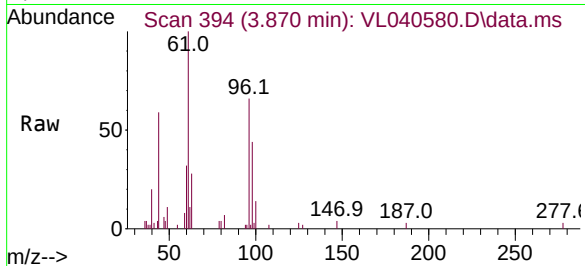
#18
1,1-Dichloroethene
Concen: 0.109 ppbv
RT: 3.870 min Scan# 306
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Tgt Ion: 96 Resp: 6349
Ion Ratio Lower Upper
96 100
61 145.1 154.4 231.6
98 66.9 50.0 75.0

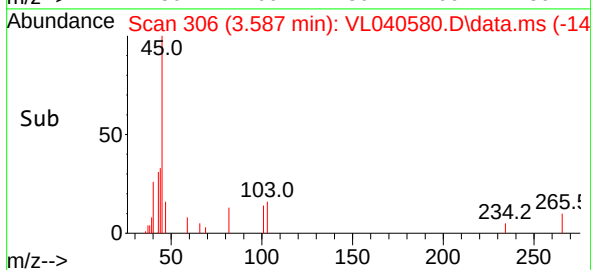
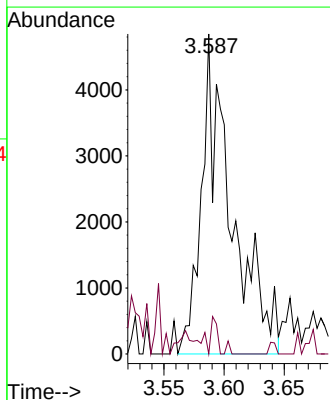
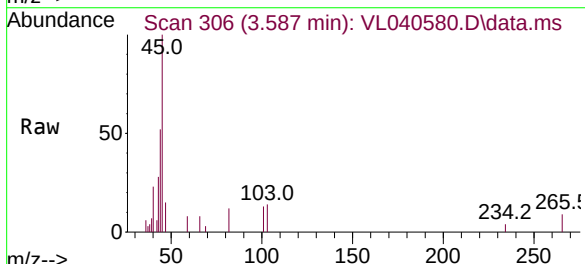
Manual Integrations
APPROVED

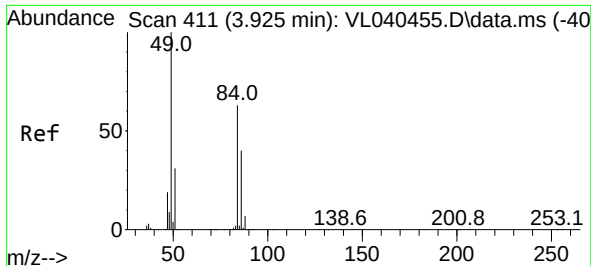
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#19
Isopropyl Alcohol
Concen: 0.114 ppbv m
RT: 3.587 min Scan# 306
Delta R.T. 0.006 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

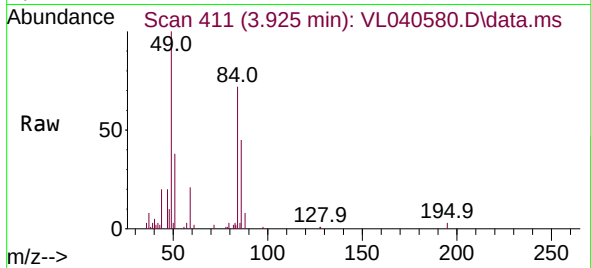
Tgt Ion: 45 Resp: 8415
Ion Ratio Lower Upper
45 100
58 0.0 1.1 1.7#





#20
Methylene Chloride
Concen: 0.288 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

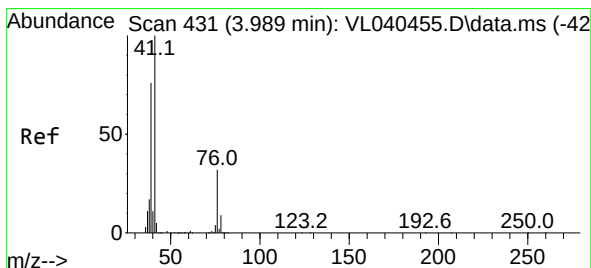
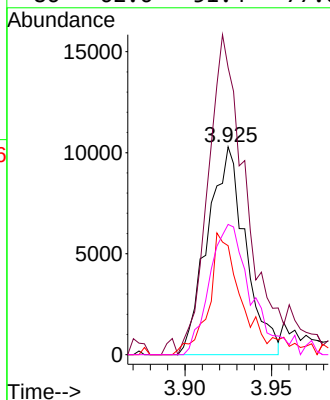
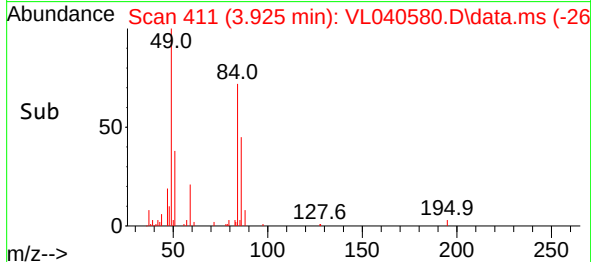
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 84 Resp: 15704
Ion Ratio Lower Upper
84 100
49 138.1 123.4 185.2
51 50.1 38.3 57.5
86 62.6 51.4 77.0

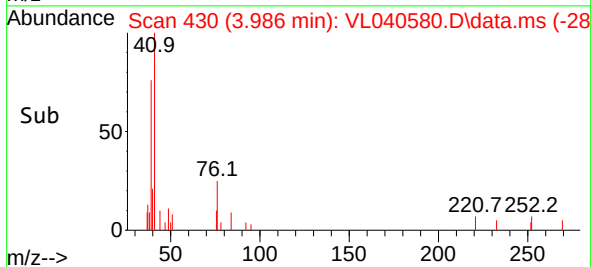
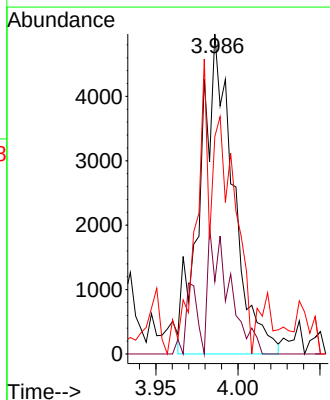
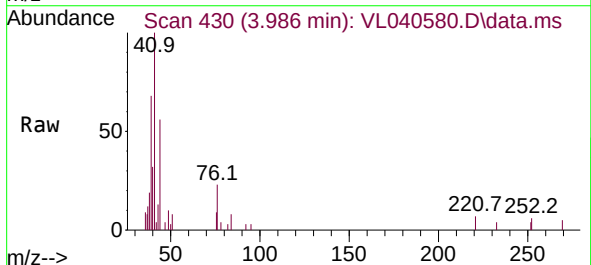
Manual Integrations
APPROVED

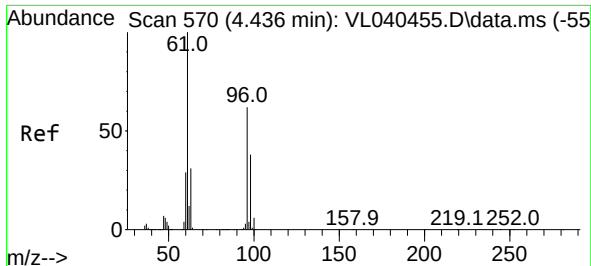
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#21
Allyl Chloride
Concen: 0.094 ppbv
RT: 3.986 min Scan# 430
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

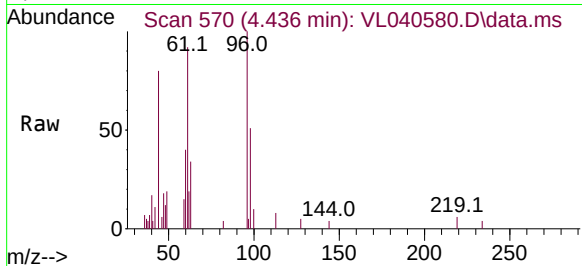
Tgt Ion: 41 Resp: 6904
Ion Ratio Lower Upper
41 100
76 33.0 24.8 37.2
39 103.4 60.6 91.0#





#22
trans-1,2-Dichloroethene
Concen: 0.111 ppbv m
RT: 4.436 min Scan# 51
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

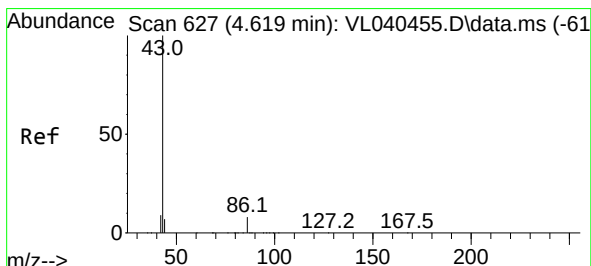
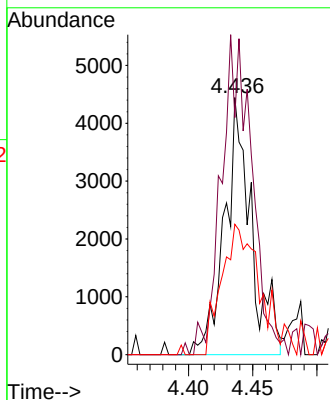
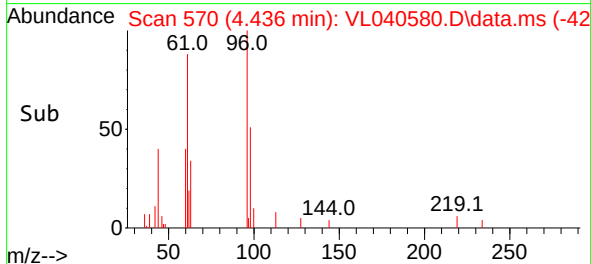
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 96 Resp: 6372
Ion Ratio Lower Upper
96 100
61 92.2 137.7 206.5#
98 50.7 52.9 79.3#

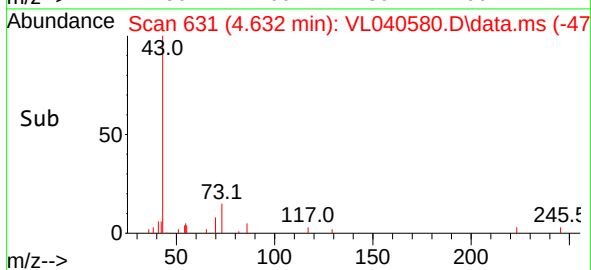
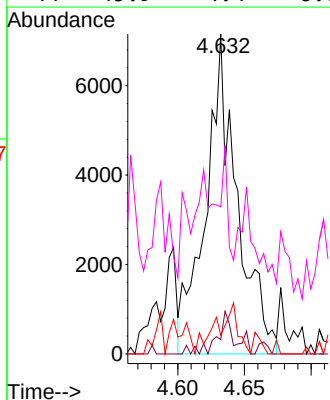
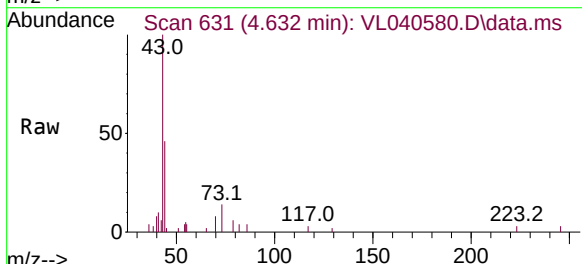
Manual Integrations
APPROVED

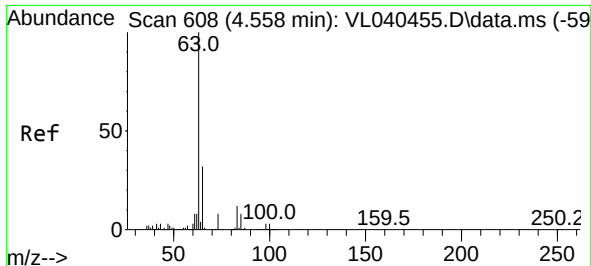
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#23
Vinyl Acetate
Concen: 0.096 ppbv m
RT: 4.632 min Scan# 631
Delta R.T. -0.003 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

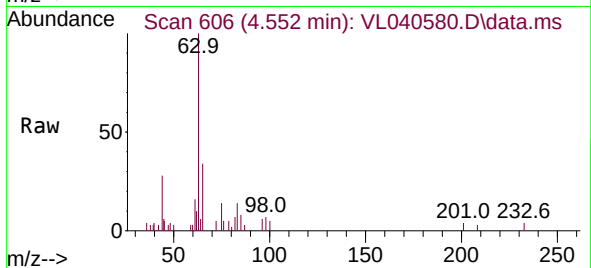
Tgt Ion: 43 Resp: 11725
Ion Ratio Lower Upper
43 100
86 4.5 5.6 8.4#
42 5.9 7.4 11.2#
44 45.9 4.4 6.6#





#24
1,1-Dichloroethane
Concen: 0.096 ppbv m
RT: 4.552 min Scan# 608
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

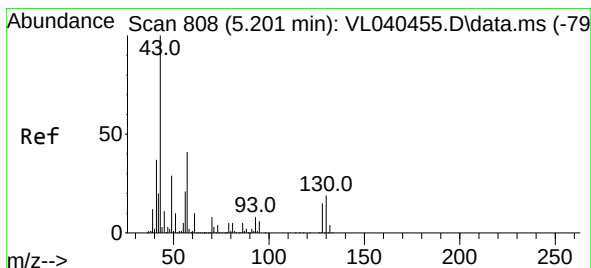
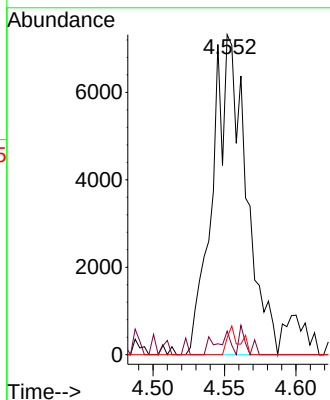
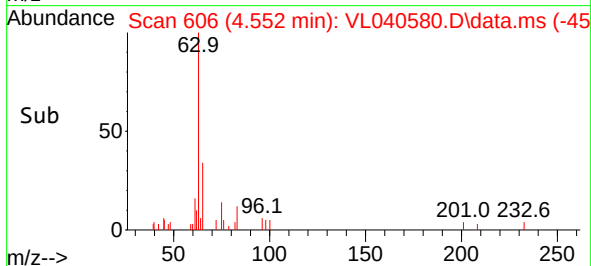
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 63 Resp: 1189
Ion Ratio Lower Upper
63 100
98 7.3 1.8 5.5
100 5.3 1.4 4.0

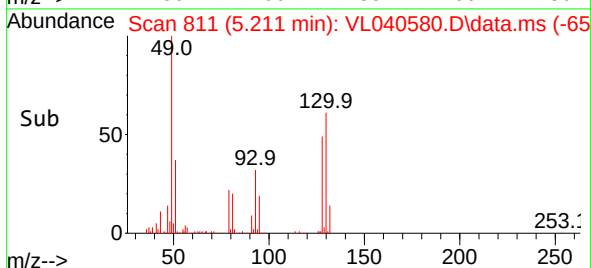
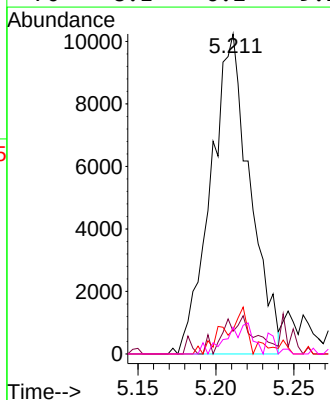
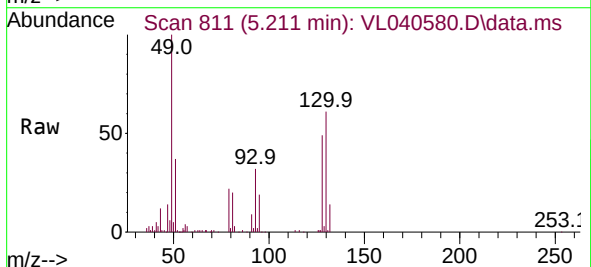
Manual Integrations
APPROVED

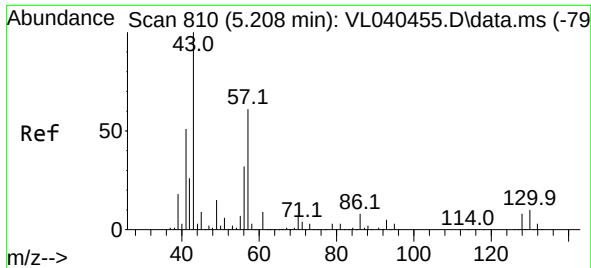
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#25
Ethyl Acetate
Concen: 0.073 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

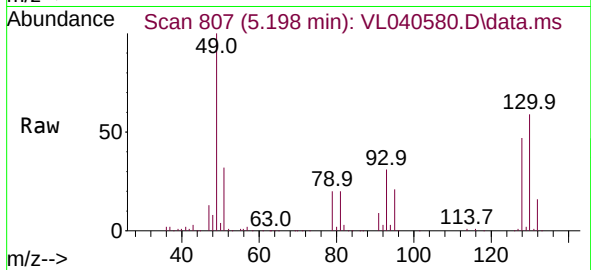
Tgt Ion: 43 Resp: 17845
Ion Ratio Lower Upper
43 100
45 9.9 8.2 12.4
61 9.0 8.3 12.5
70 8.1 6.2 9.2





#26
Hexane
Concen: 0.076 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.023 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

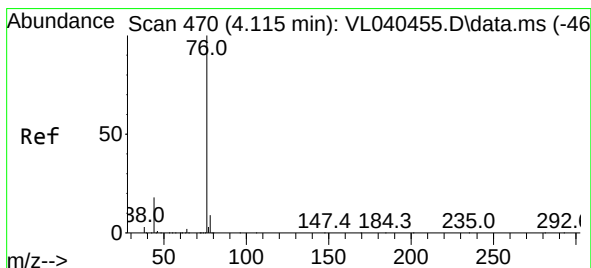
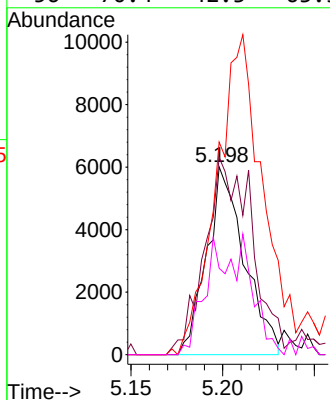
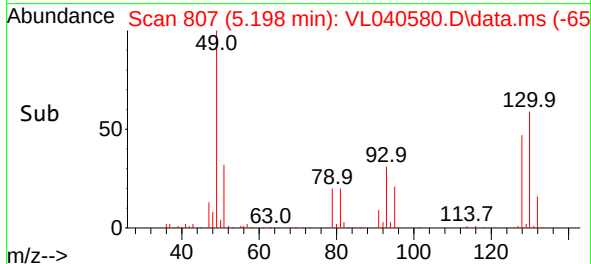
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 57 Resp: 861
Ion Ratio Lower Upper
57 100
41 138.2 69.5 104.3#
43 236.3 177.1 265.7#
56 70.4 42.3 63.5#

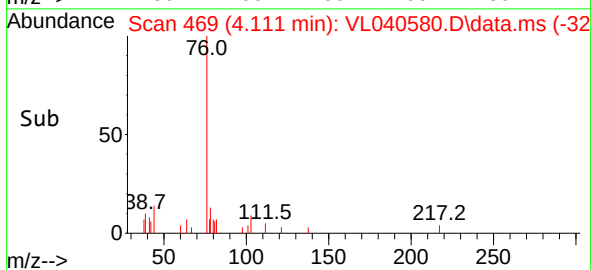
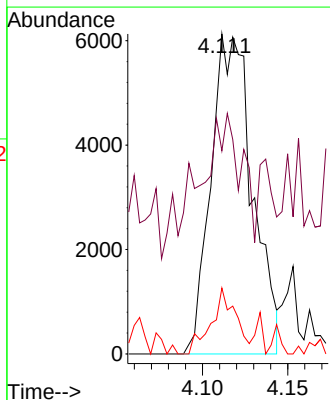
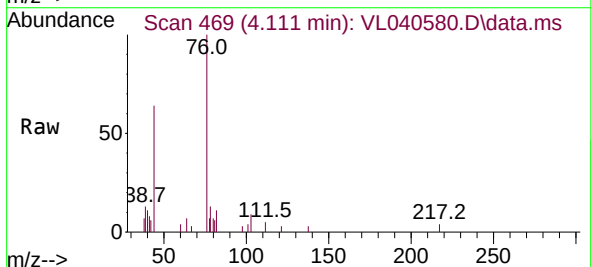
Manual Integrations
APPROVED

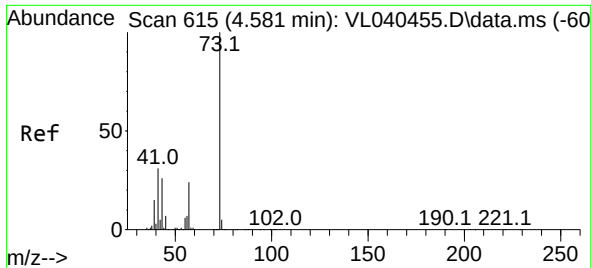
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#27
Carbon Disulfide
Concen: 0.077 ppbv m
RT: 4.111 min Scan# 469
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion: 76 Resp: 10340
Ion Ratio Lower Upper
76 100
44 68.5 15.1 22.7#
78 0.0 7.5 11.3#





#28

Methyl tert-Butyl Ether

Concen: 0.100 ppbv m

RT: 4.594 min Scan# 615

Delta R.T. -0.000 min

Lab File: VL040580.D

Acq: 31 Jul 2023 20:01

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

Tgt Ion: 73 Resp: 918

Ion Ratio Lower Upper

73 100

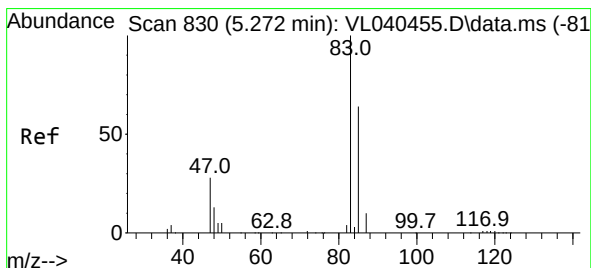
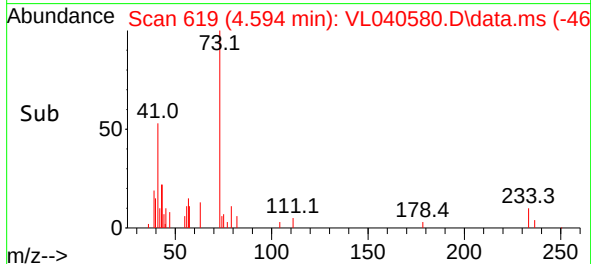
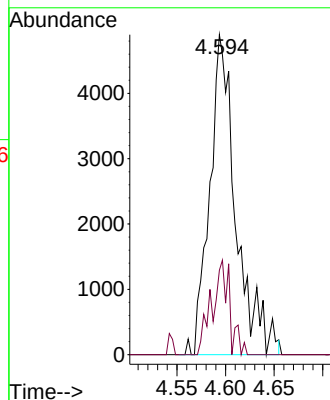
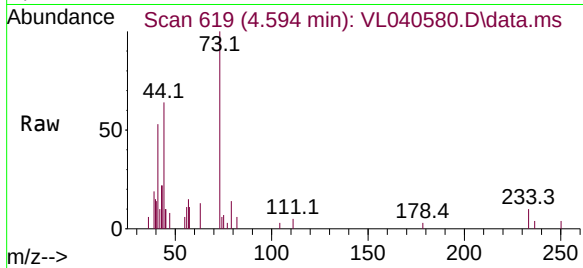
57 20.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#29

Chloroform

Concen: 0.089 ppbv

RT: 5.266 min Scan# 828

Delta R.T. -0.019 min

Lab File: VL040580.D

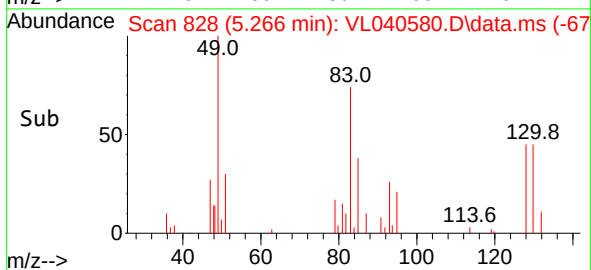
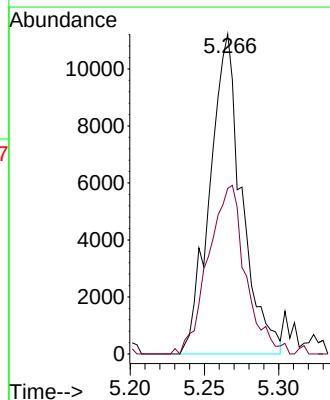
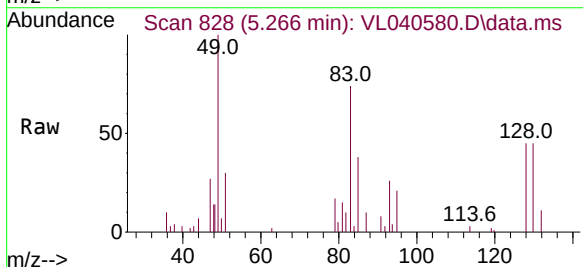
Acq: 31 Jul 2023 20:01

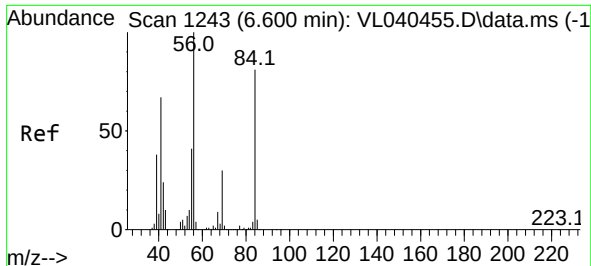
Tgt Ion: 83 Resp: 16801

Ion Ratio Lower Upper

83 100

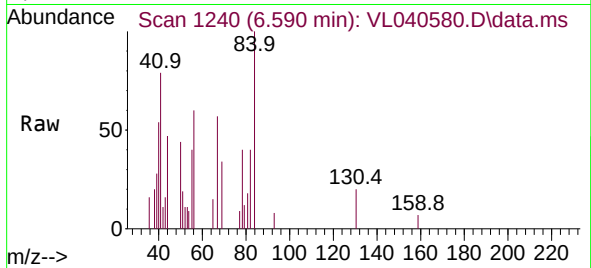
85 51.7 51.1 76.7





#30
Cyclohexane
Concen: 0.032 ppbv m
RT: 6.590 min Scan# 1243
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

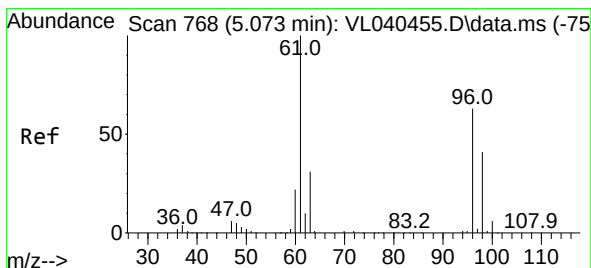
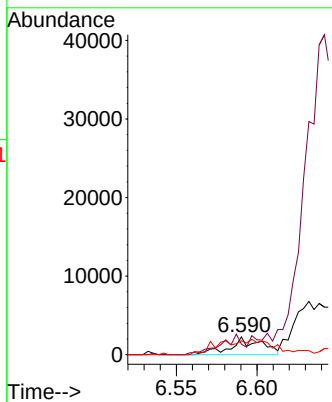
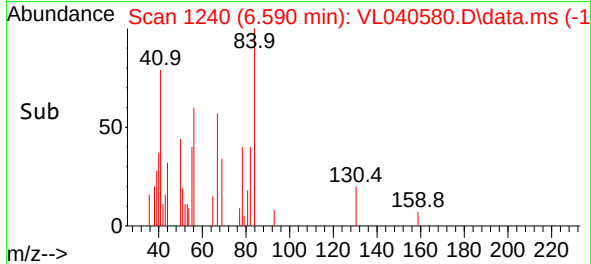
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 84 Resp: 2989
Ion Ratio Lower Upper
84 100
56 0.0 108.7 163.1#
41 0.0 64.5 96.7#

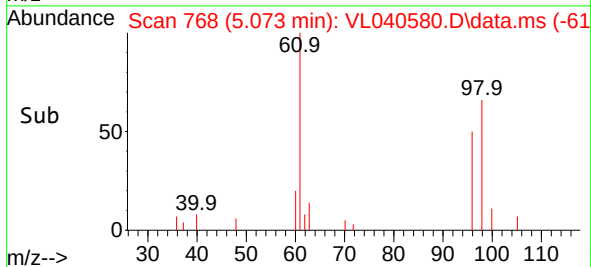
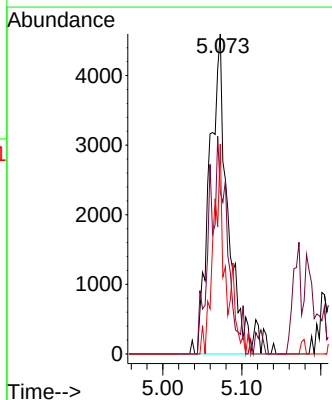
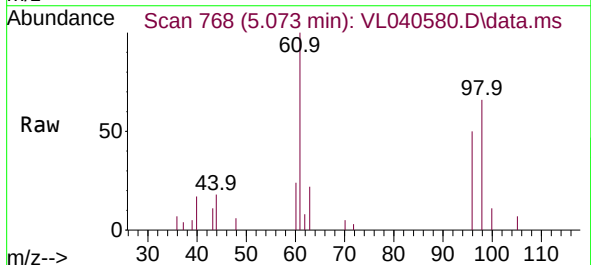
Manual Integrations
APPROVED

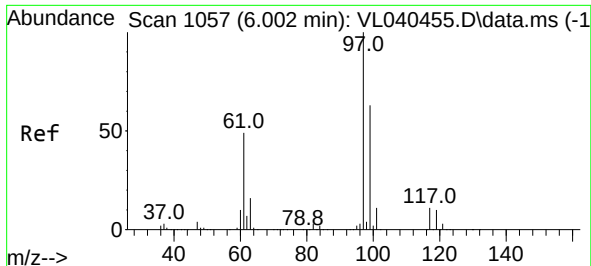
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#31
cis-1,2-Dichloroethene
Concen: 0.067 ppbv m
RT: 5.073 min Scan# 768
Delta R.T. -0.013 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion: 61 Resp: 7568
Ion Ratio Lower Upper
61 100
96 50.5 54.7 82.1#
98 65.6 34.6 52.0#





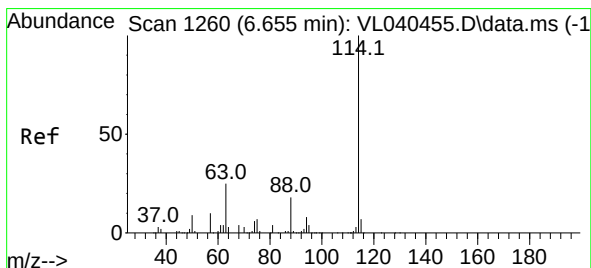
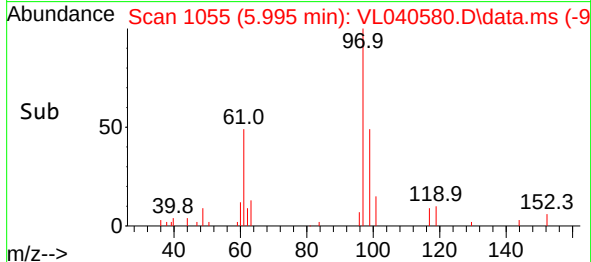
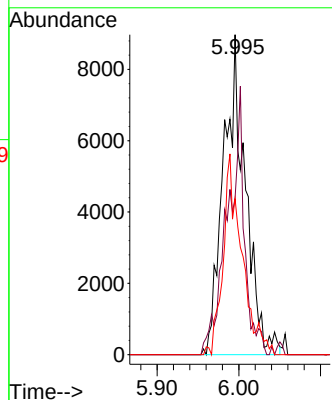
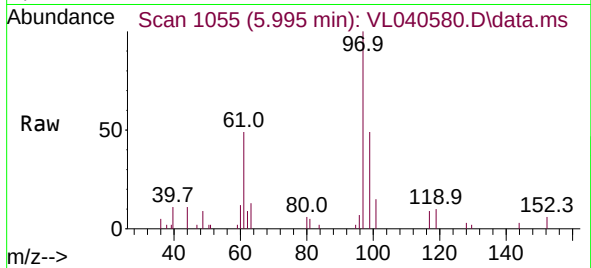
#32
1,1,1-Trichloroethane
Concen: 0.091 ppbv m
RT: 5.995 min Scan# 1055
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Tgt Ion: 97 Resp: 1671
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0
61 53.5 38.9 58.3

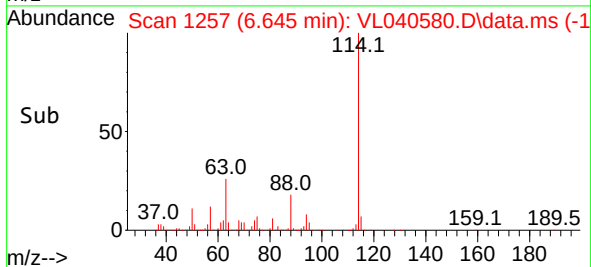
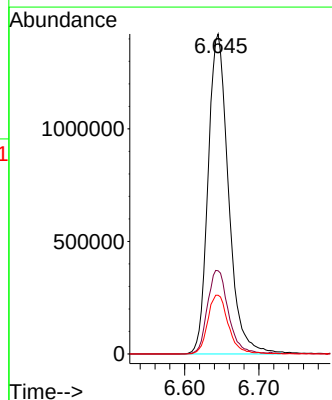
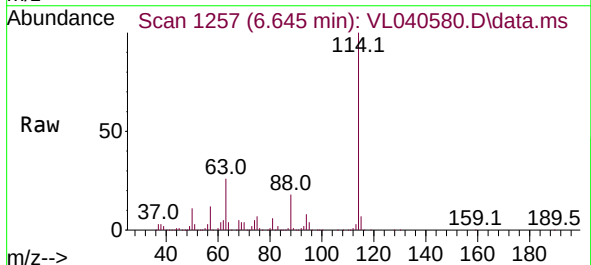
Manual Integrations
APPROVED

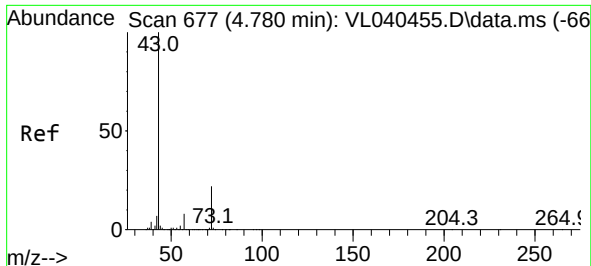
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

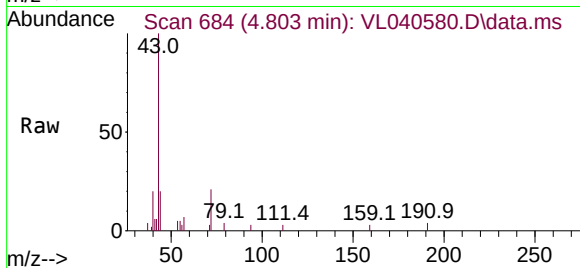
Tgt Ion:114 Resp: 2705892
Ion Ratio Lower Upper
114 100
63 27.2 19.6 29.4
88 18.6 14.2 21.2





#34
2-Butanone
Concen: 0.076 ppbv
RT: 4.803 min Scan# 61
Delta R.T. 0.009 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

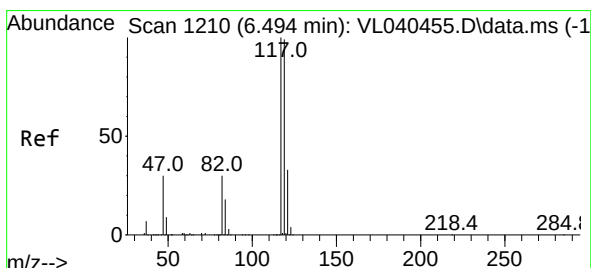
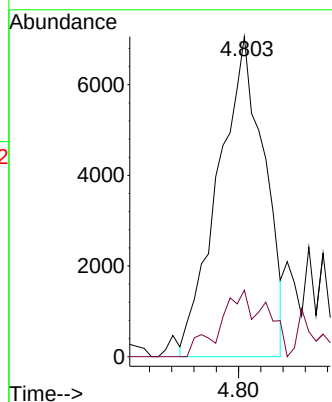
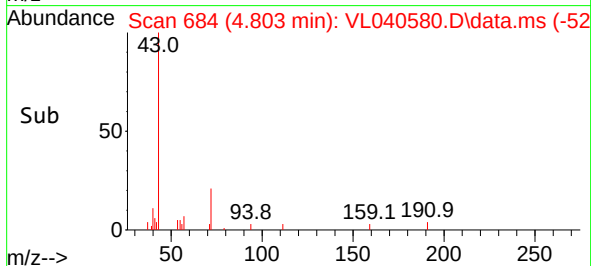
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



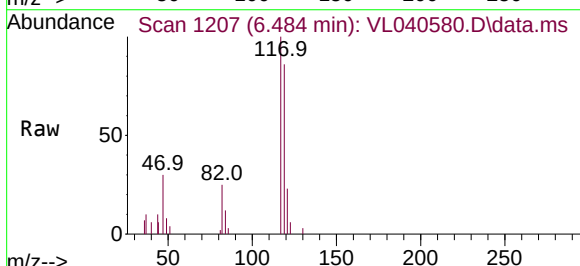
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
72 28.8 19.1 28.7

Manual Integrations
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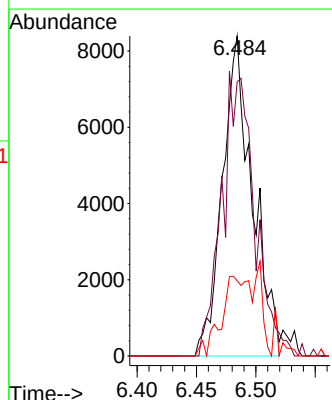
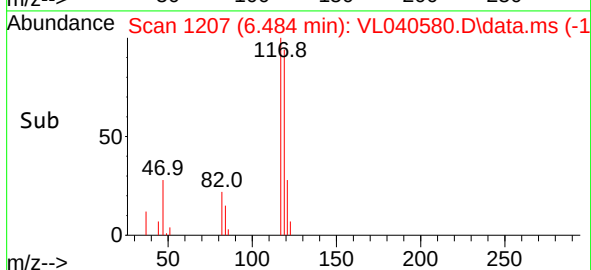
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

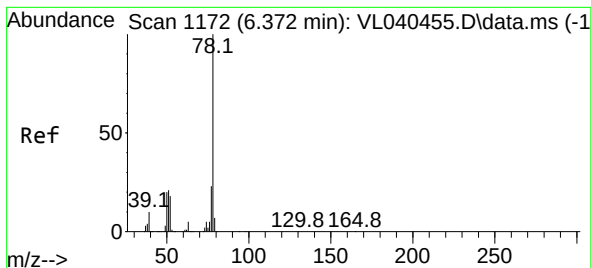


#35
Carbon Tetrachloride
Concen: 0.090 ppbv m
RT: 6.484 min Scan# 1207
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01



Tgt Ion:117 Resp: 14689
Ion Ratio Lower Upper
117 100
119 85.7 77.8 116.6
121 23.5 24.8 37.2#





#36

Benzene

Concen: 0.060 ppbv m

RT: 6.365 min Scan# 1172

Delta R.T. -0.016 min

Lab File: VL040580.D

Acq: 31 Jul 2023 20:01

Instrument :

MSVOA_L

ClientSampleId :

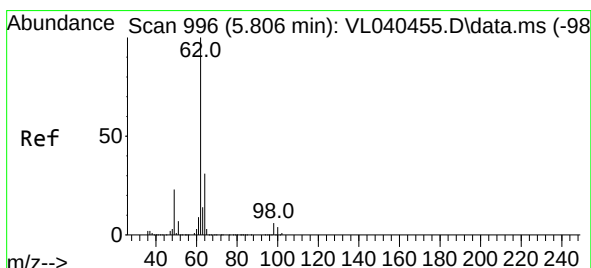
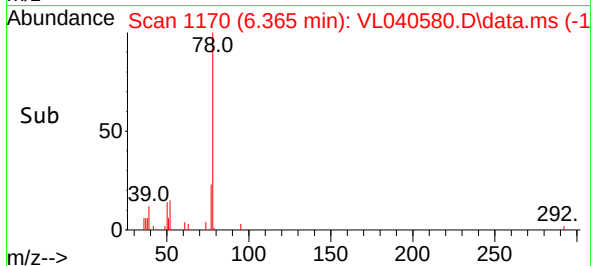
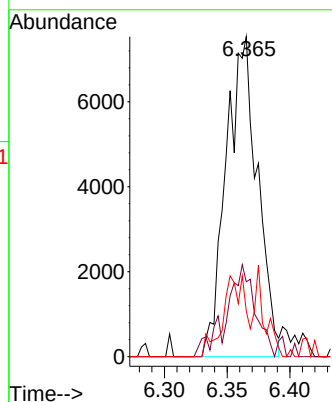
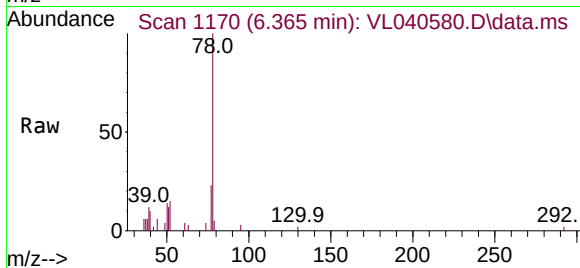
MDL-AIR-03-QT3-2023

Tgt Ion: 78 Resp: 13097
 Ion Ratio Lower Upper
 78 100
 77 23.4 17.4 26.0
 50 14.3 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#37

1,2-Dichloroethane

Concen: 0.087 ppbv

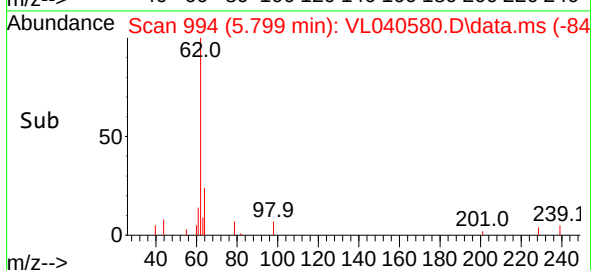
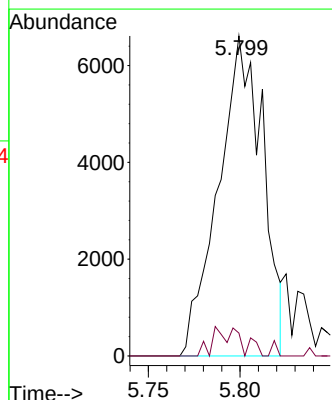
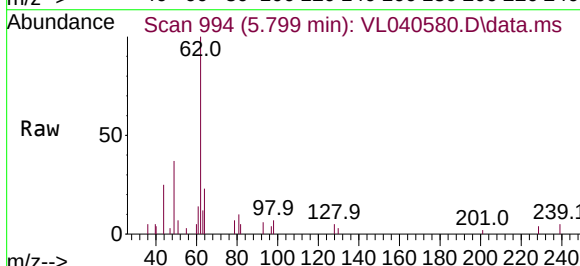
RT: 5.799 min Scan# 994

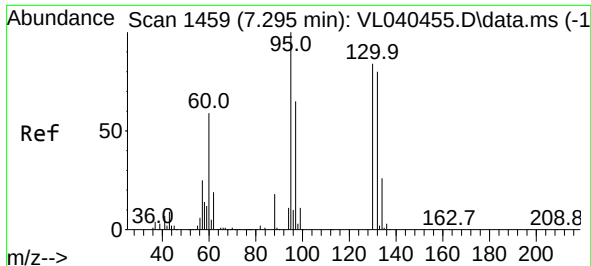
Delta R.T. -0.016 min

Lab File: VL040580.D

Acq: 31 Jul 2023 20:01

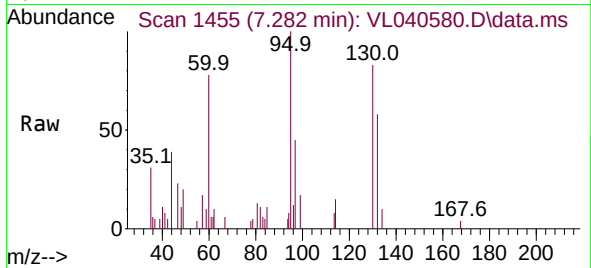
Tgt Ion: 62 Resp: 11140
 Ion Ratio Lower Upper
 62 100
 98 5.8 5.1 7.7





#38
 Trichloroethene
 Concen: 0.067 ppbv m
 RT: 7.282 min Scan# 1459
 Delta R.T. -0.023 min
 Lab File: VL040580.D
 Acq: 31 Jul 2023 20:01

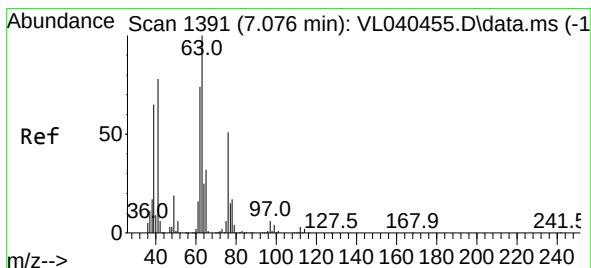
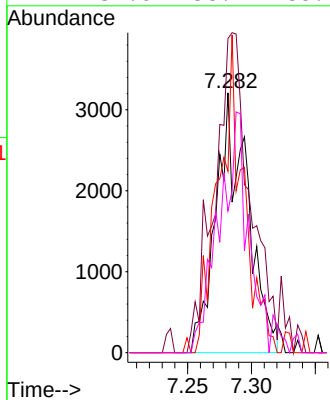
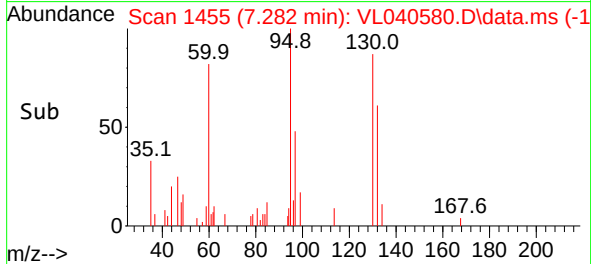
Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



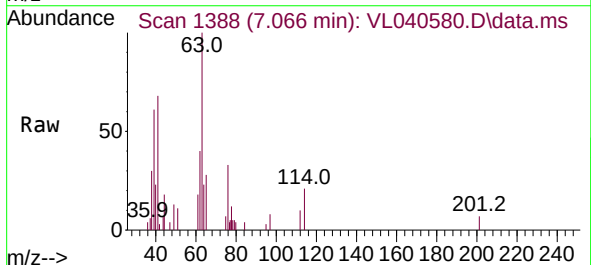
Tgt Ion:130 Resp: 5549
 Ion Ratio Lower Upper
 130 100
 95 120.9 90.2 135.2
 132 69.8 76.3 114.5
 97 54.6 58.7 88.1#

Manual Integrations
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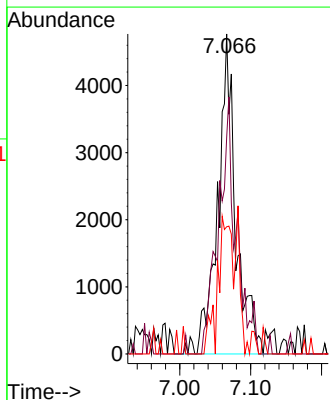
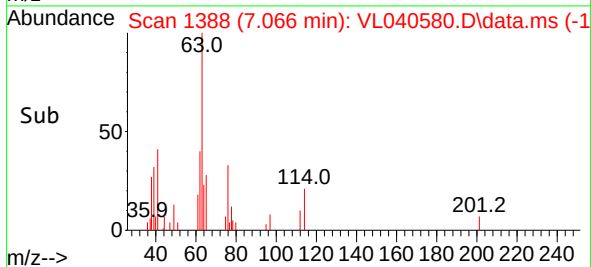
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

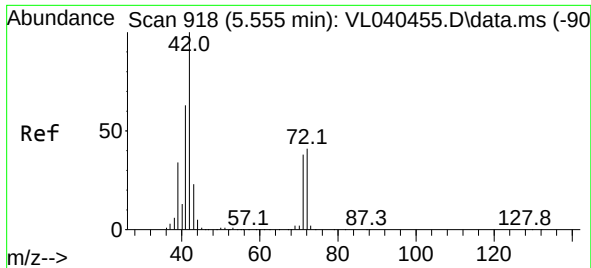


#39
 1,2-Dichloropropane
 Concen: 0.104 ppbv m
 RT: 7.066 min Scan# 1388
 Delta R.T. -0.016 min
 Lab File: VL040580.D
 Acq: 31 Jul 2023 20:01



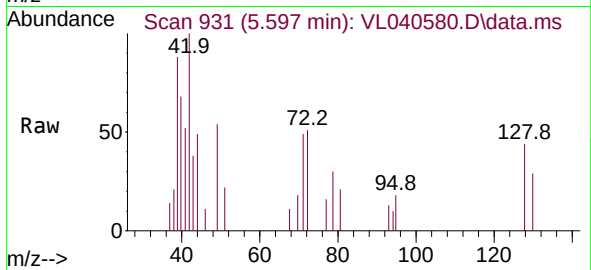
Tgt Ion: 63 Resp: 8687
 Ion Ratio Lower Upper
 63 100
 41 67.7 54.3 81.5
 62 39.8 55.6 83.4#





#41
Tetrahydrofuran
Concen: 0.045 ppbv m
RT: 5.597 min Scan# 918
Delta R.T. 0.032 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

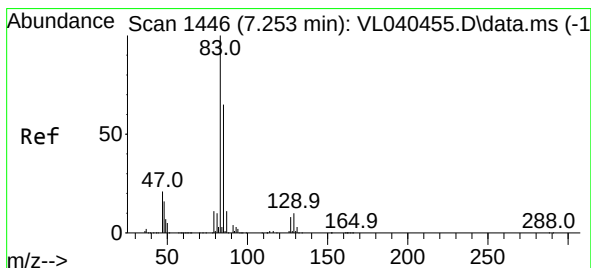
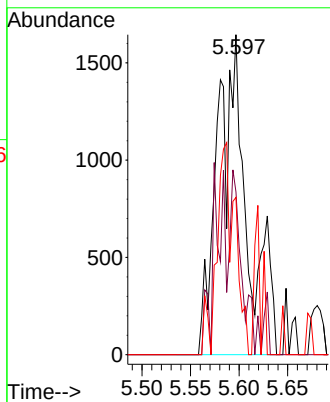
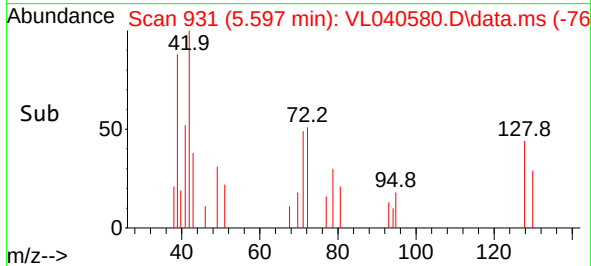
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 42 Resp: 3485
Ion Ratio Lower Upper
42 100
72 0.0 33.8 50.8#
71 0.0 33.0 49.6#

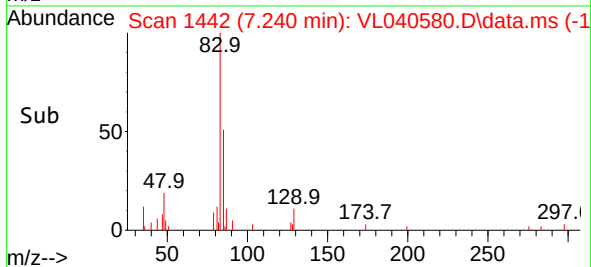
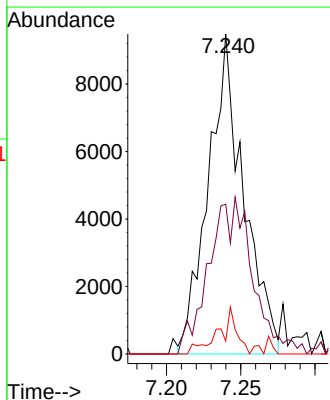
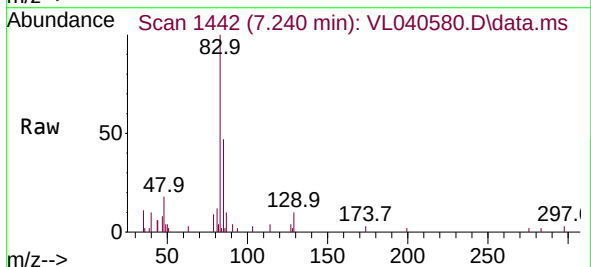
Manual Integrations
APPROVED

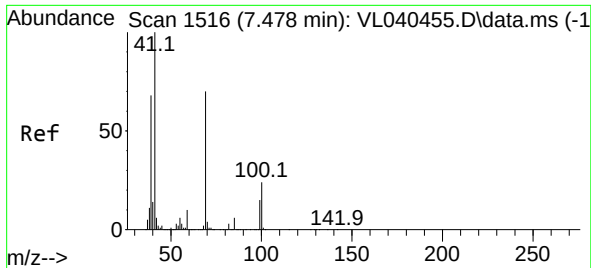
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
Bromodichloromethane
Concen: 0.088 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion: 83 Resp: 15735
Ion Ratio Lower Upper
83 100
85 47.9 51.1 76.7#
127 4.1 6.5 9.7#





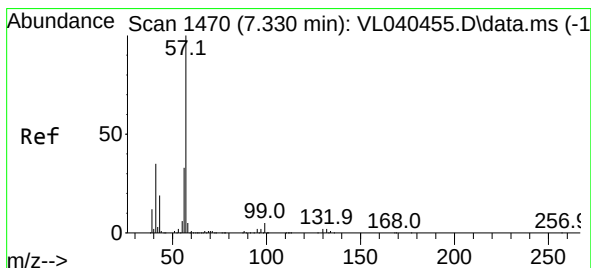
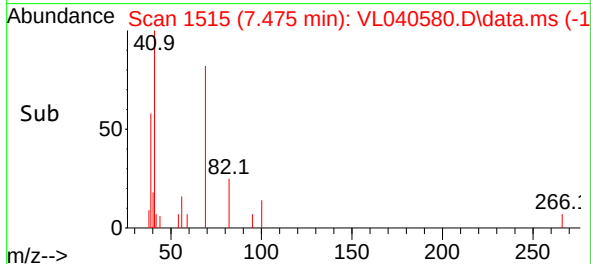
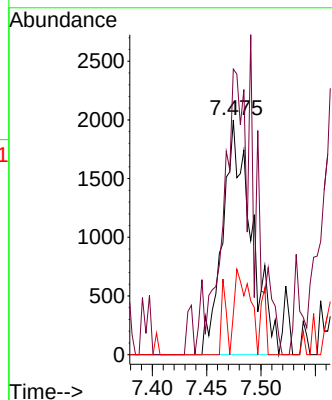
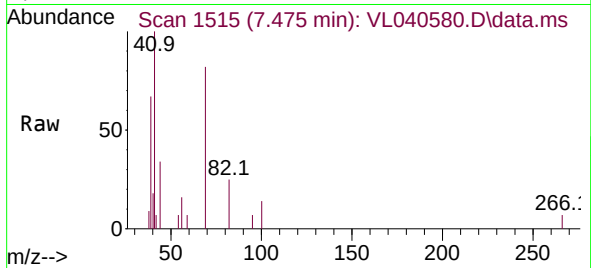
#43
Methyl Methacrylate
Concen: 0.045 ppbv m
RT: 7.475 min Scan# 1464
Delta R.T. -0.010 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Tgt Ion: 69 Resp: 366
Ion Ratio Lower Upper
69 100
41 0.0 111.7 167.5
100 29.9 26.9 40.3

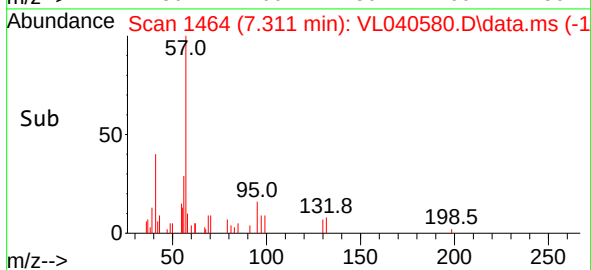
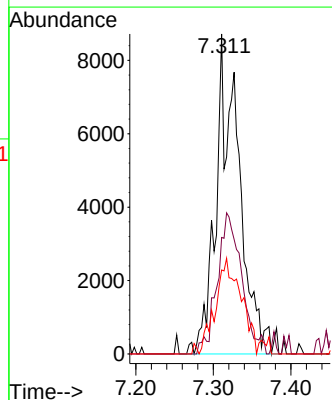
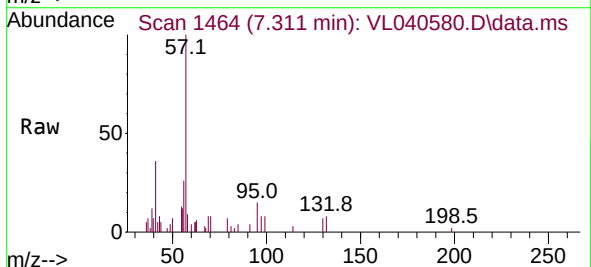
Manual Integrations
APPROVED

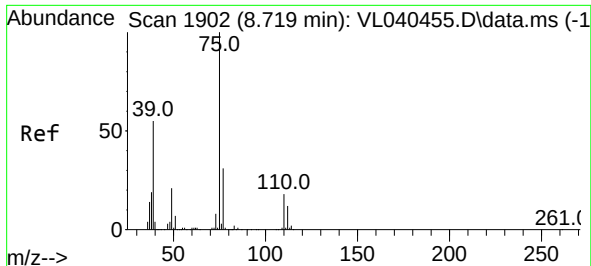
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#44
2,2,4-Trimethylpentane
Concen: 0.052 ppbv m
RT: 7.311 min Scan# 1464
Delta R.T. -0.026 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

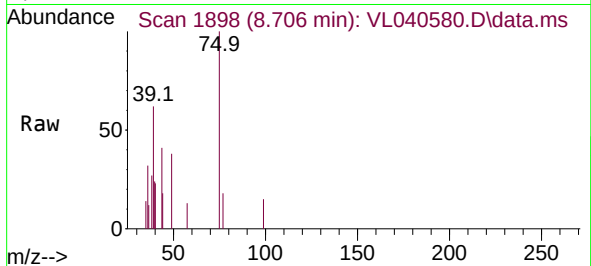
Tgt Ion: 57 Resp: 18161
Ion Ratio Lower Upper
57 100
41 48.6 25.5 38.3
56 34.8 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 0.055 ppbv m
RT: 8.706 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

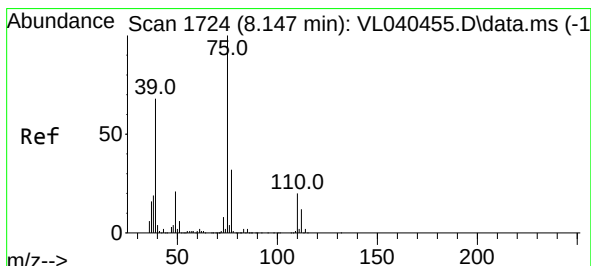
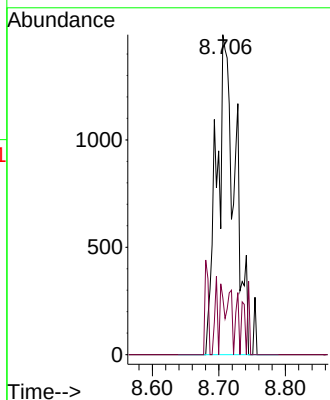
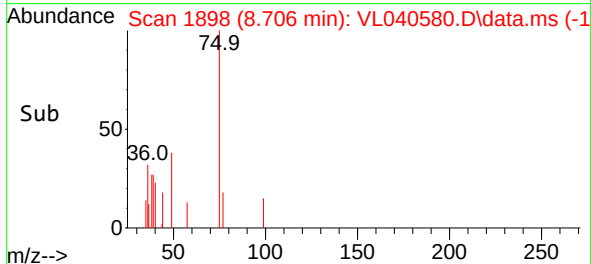
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 75 Resp: 289
Ion Ratio Lower Upper
75 100
77 17.7 26.0 39.0

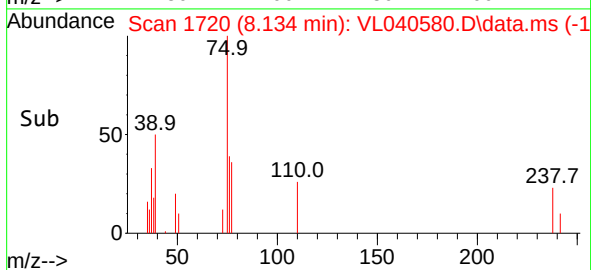
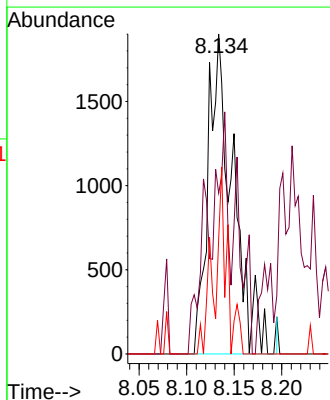
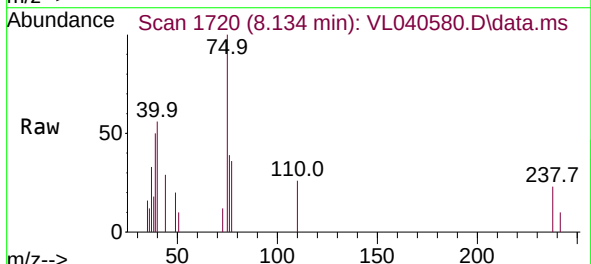
Manual Integrations
APPROVED

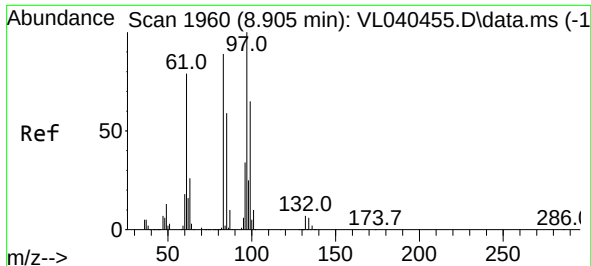
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#46
cis-1,3-Dichloropropene
Concen: 0.052 ppbv m
RT: 8.134 min Scan# 1720
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion: 75 Resp: 3484
Ion Ratio Lower Upper
75 100
39 50.2 48.0 72.0
77 36.0 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 0.074 ppbv m

RT: 8.896 min Scan# 1960

Delta R.T. -0.013 min

Lab File: VL040580.D

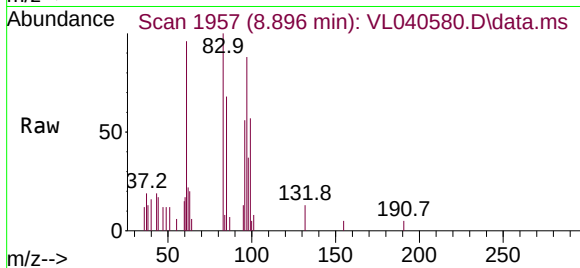
Acq: 31 Jul 2023 20:01

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023



Tgt Ion: 97 Resp: 6870

Ion Ratio Lower Upper

97 100

83 113.4 73.4 110.0

85 77.3 46.6 70.0

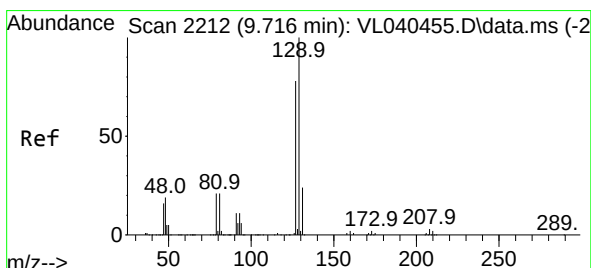
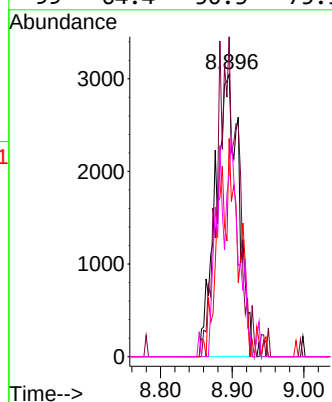
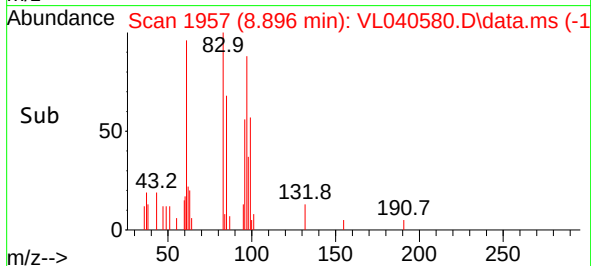
99 64.4 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#48

Dibromochloromethane

Concen: 0.070 ppbv m

RT: 9.700 min Scan# 2207

Delta R.T. -0.023 min

Lab File: VL040580.D

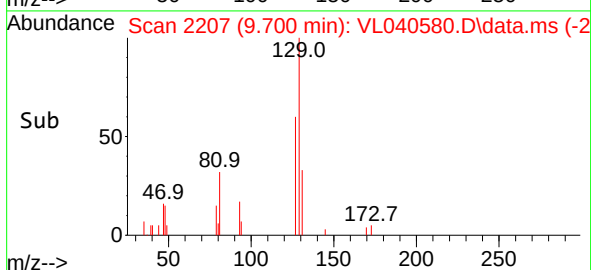
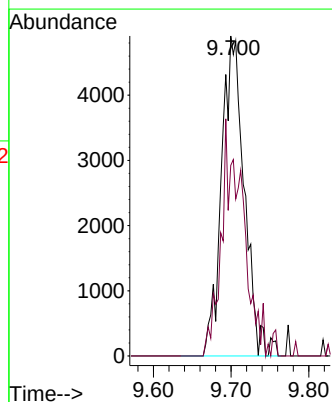
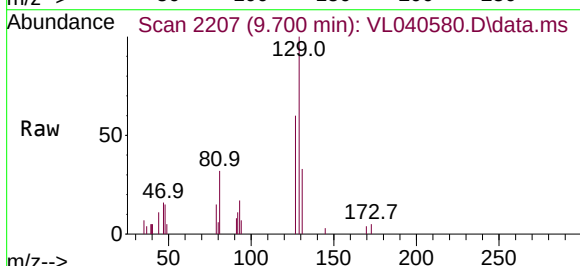
Acq: 31 Jul 2023 20:01

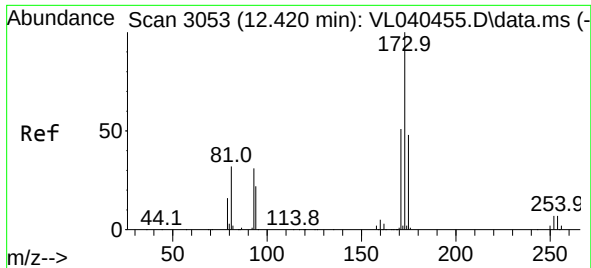
Tgt Ion:129 Resp: 9997

Ion Ratio Lower Upper

129 100

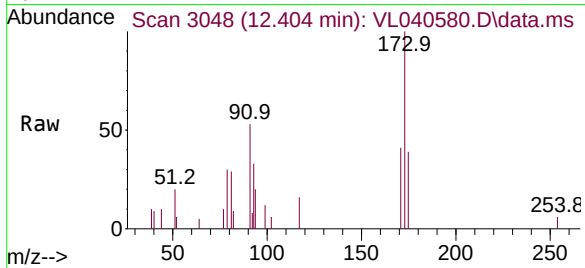
127 71.3 39.1 117.3





#49
Bromoform
Concen: 0.061 ppbv m
RT: 12.404 min Scan# 3053
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

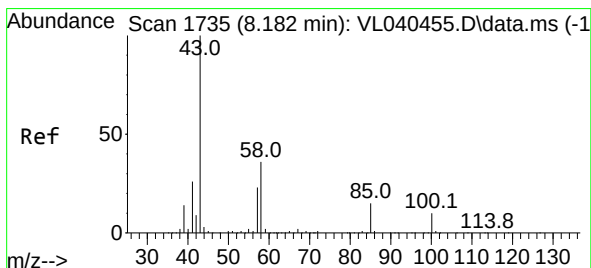
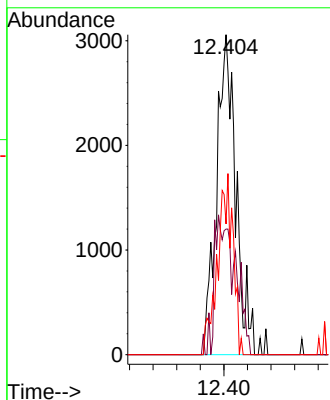
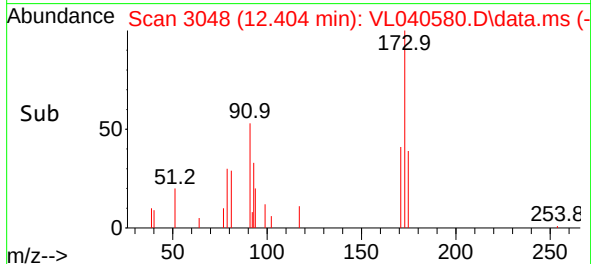
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



Tgt Ion: 173 Resp: 693
Ion Ratio Lower Upper
173 100
175 47.3 39.5 59.3
171 0.0 42.2 63.4

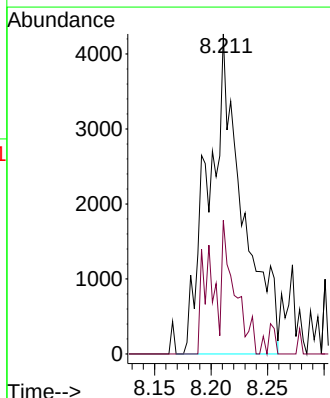
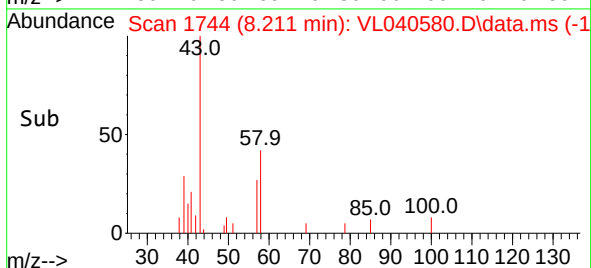
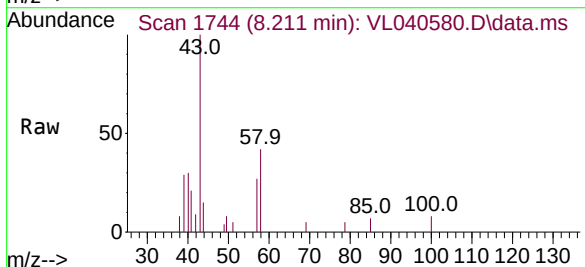
Manual Integrations
APPROVED

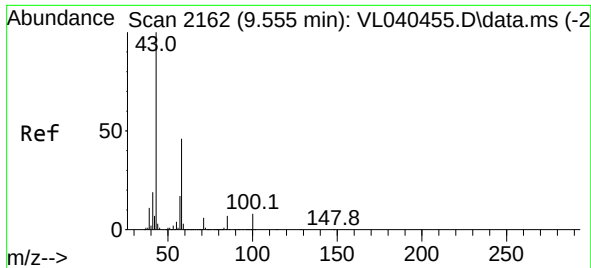
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#50
4-Methyl-2-Pentanone
Concen: 0.046 ppbv m
RT: 8.211 min Scan# 1744
Delta R.T. 0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion: 43 Resp: 8965
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2





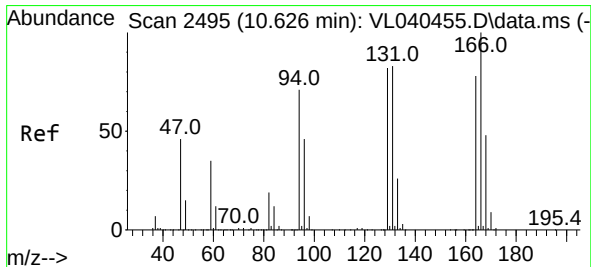
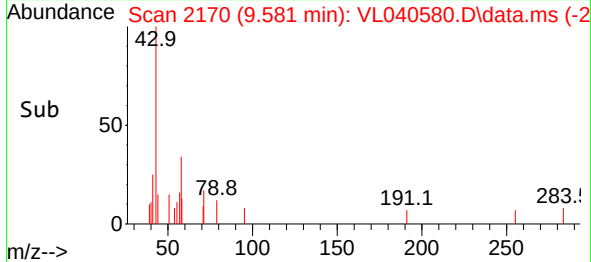
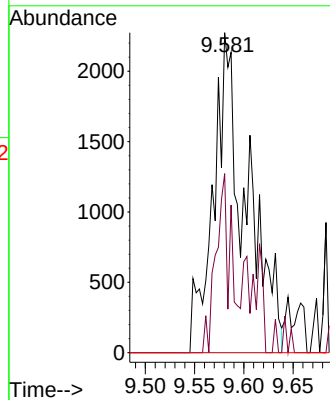
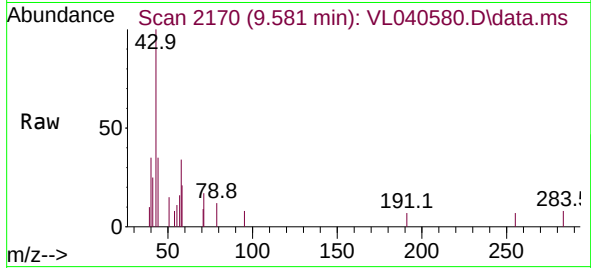
#51
2-Hexanone
Concen: 0.039 ppbv m
RT: 9.581 min Scan# 2162
Delta R.T. 0.020 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Tgt Ion: 43 Resp: 5290
Ion Ratio Lower Upper
43 100
58 1.5 39.7 59.5
98 0.0 0.3 0.5

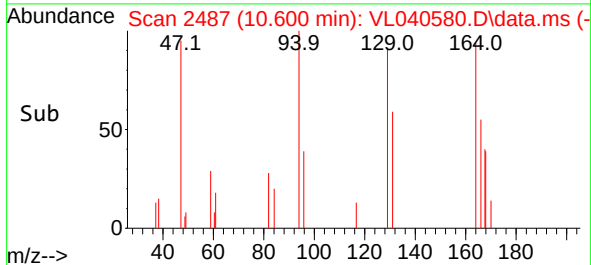
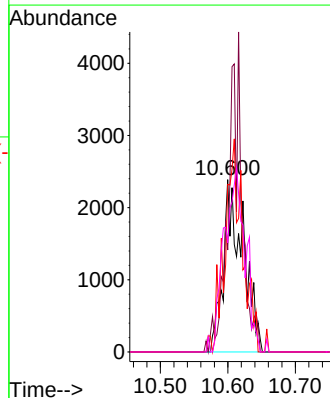
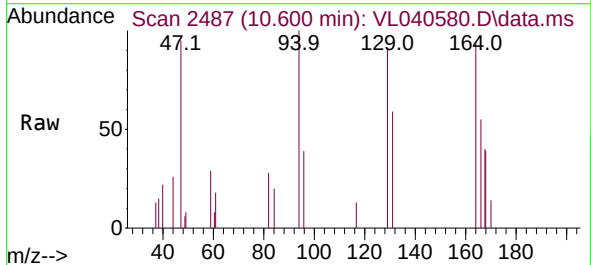
Manual Integrations
APPROVED

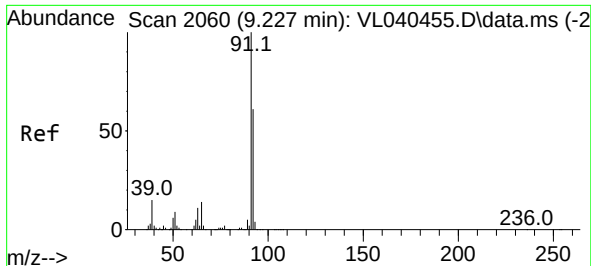
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Tetrachloroethene
Concen: 0.069 ppbv m
RT: 10.600 min Scan# 2487
Delta R.T. -0.026 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion:164 Resp: 4831
Ion Ratio Lower Upper
164 100
166 59.1 103.9 155.9#
129 97.2 84.6 126.8
131 63.4 82.9 124.3#





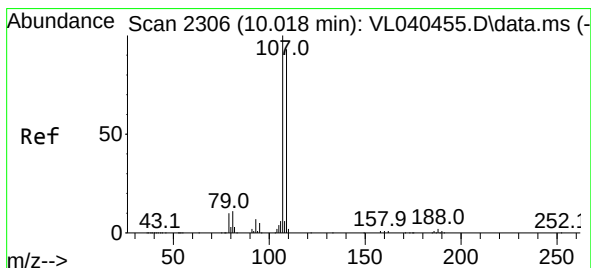
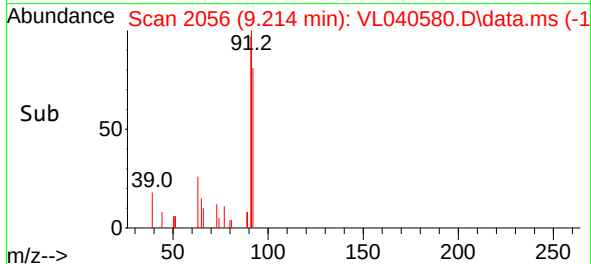
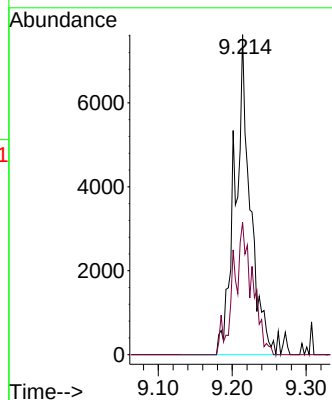
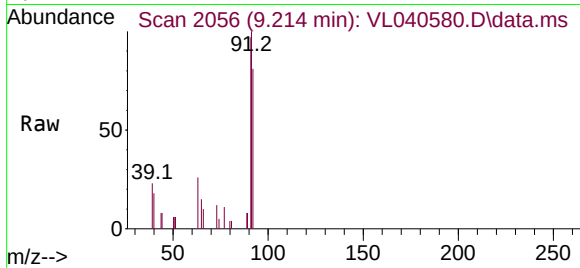
#53
Toluene
Concen: 0.047 ppbv m
RT: 9.214 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Tgt Ion: 91 Resp: 11080
Ion Ratio Lower Upper
91 100
92 0.0 49.1 73.7

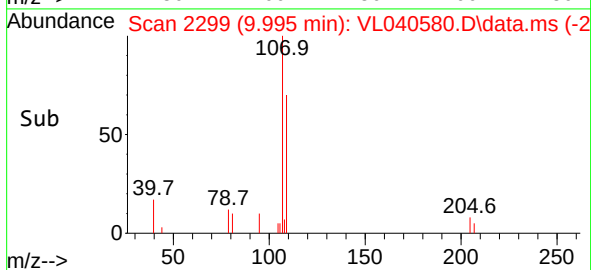
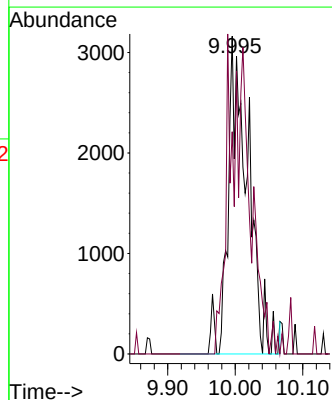
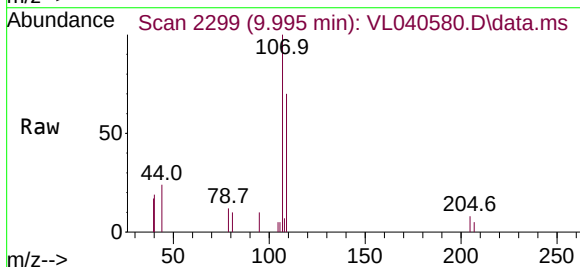
Manual Integrations
APPROVED

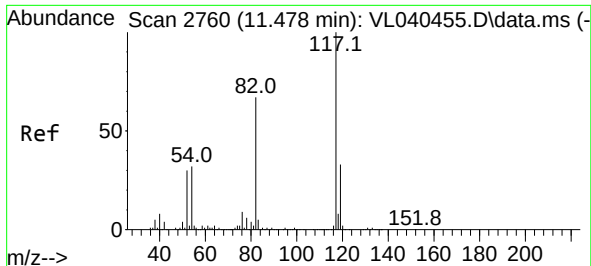
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
1,2-Dibromoethane
Concen: 0.056 ppbv m
RT: 9.995 min Scan# 2299
Delta R.T. -0.026 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

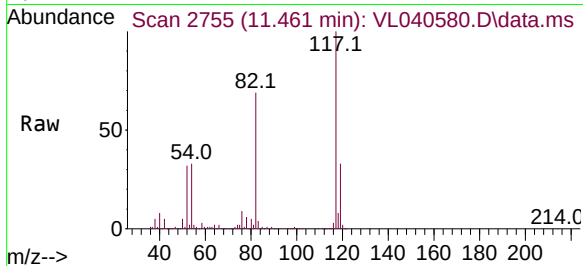
Tgt Ion:107 Resp: 6447
Ion Ratio Lower Upper
107 100
109 69.9 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.461 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

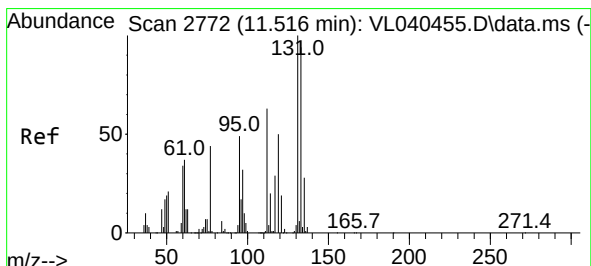
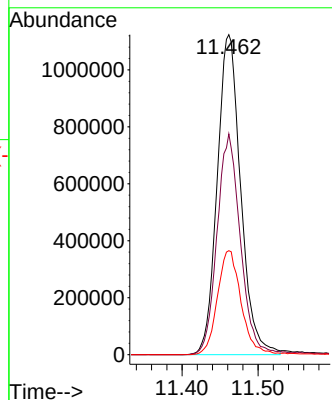
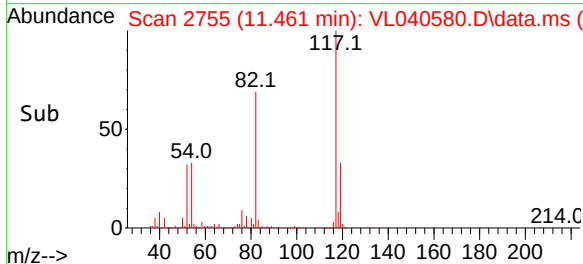
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



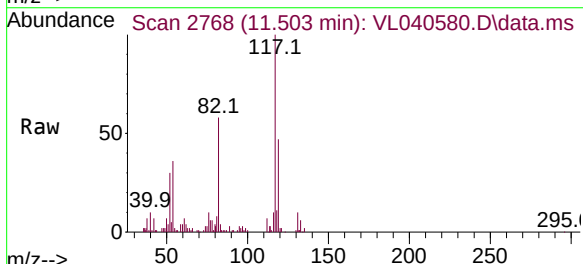
Tgt Ion:117 Resp: 241161
Ion Ratio Lower Upper
117 100
82 70.0 50.2 75.4
119 33.2 26.9 40.3

Manual Integrations
APPROVED

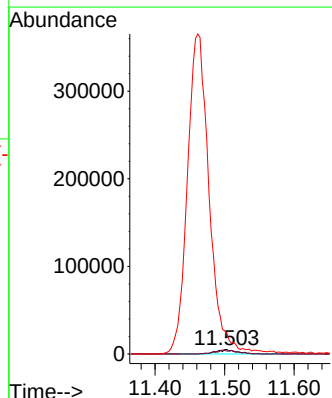
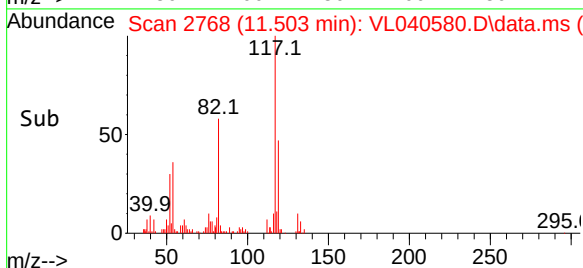
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

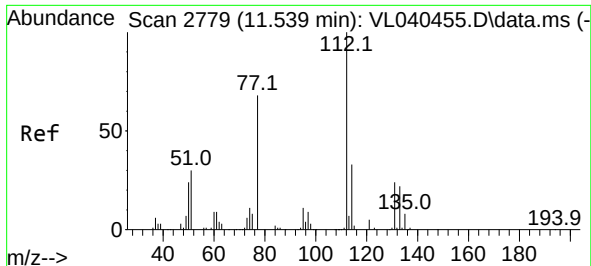


#56
1,1,1,2-Tetrachloroethane
Concen: 0.092 ppbv m
RT: 11.503 min Scan# 2768
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01



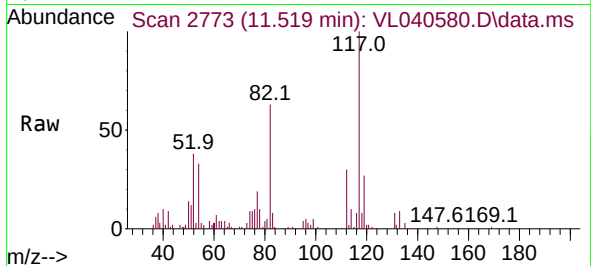
Tgt Ion:131 Resp: 9909
Ion Ratio Lower Upper
131 100
133 0.0 76.3 114.5#
119 0.0 51.1 76.7#





#57
Chlorobenzene
Concen: 0.085 ppbv m
RT: 11.519 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

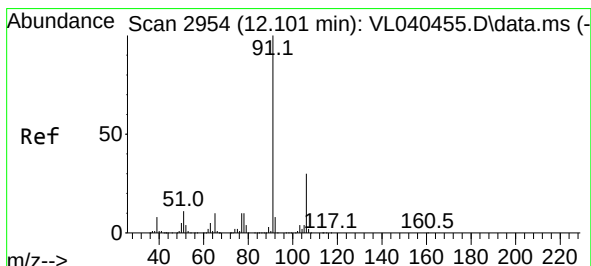
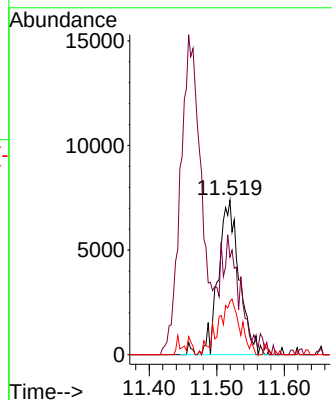
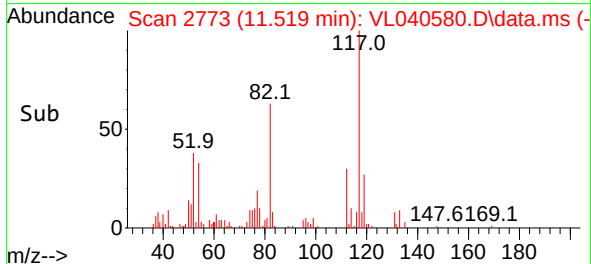
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion:112 Resp: 1596
Ion Ratio Lower Upper
112 100
77 63.2 51.0 76.6
114 34.4 28.3 34.5

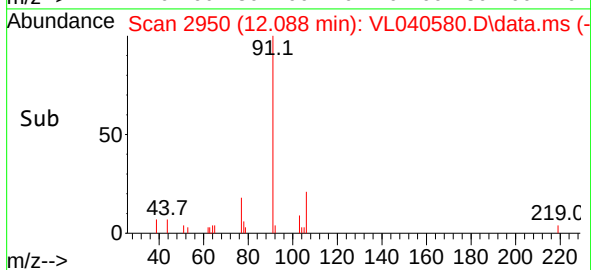
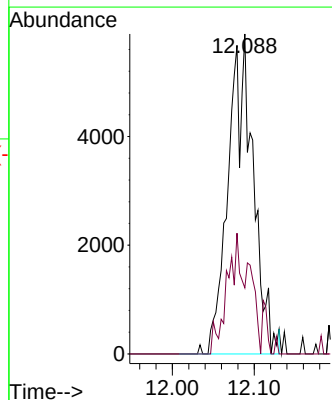
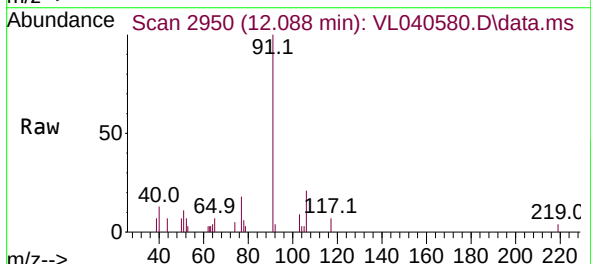
Manual Integrations
APPROVED

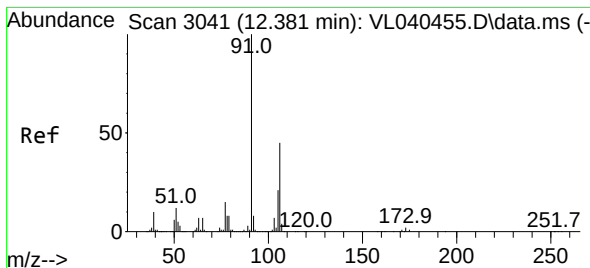
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#58
Ethyl Benzene
Concen: 0.041 ppbv m
RT: 12.088 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion: 91 Resp: 12424
Ion Ratio Lower Upper
91 100
106 20.6 25.4 38.0#





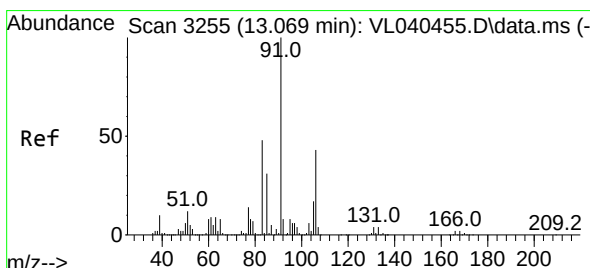
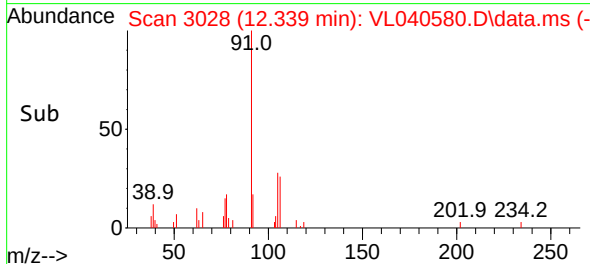
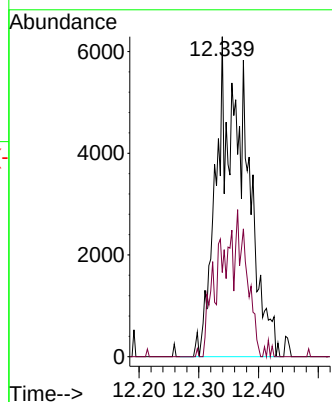
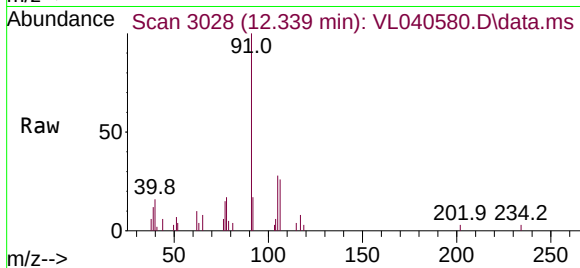
#59
m/p-Xylene
Concen: 0.078 ppbv m
RT: 12.339 min Scan# 3041
Delta R.T. -0.045 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Tgt Ion: 91 Resp: 2115
Ion Ratio Lower Upper
91 100
106 18.6 35.9 53.9

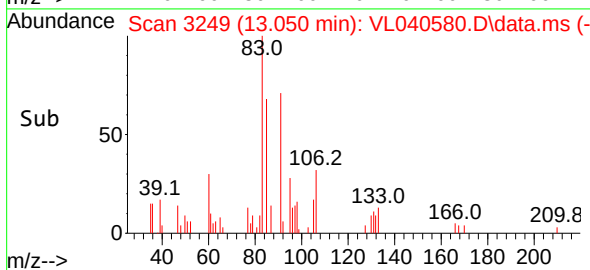
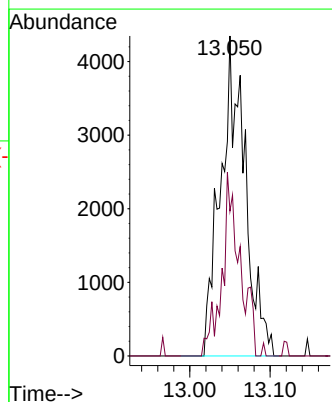
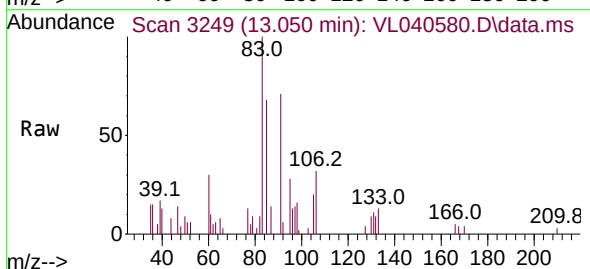
Manual Integrations
APPROVED

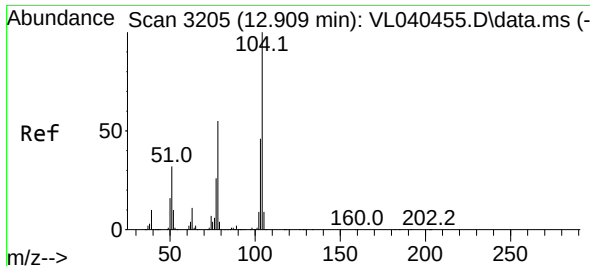
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
o-Xylene
Concen: 0.036 ppbv m
RT: 13.050 min Scan# 3249
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

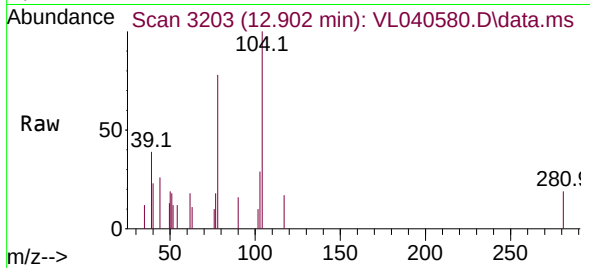
Tgt Ion: 91 Resp: 9189
Ion Ratio Lower Upper
91 100
106 42.0 22.7 68.0





#61
Styrene
Concen: 0.035 ppbv m
RT: 12.902 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

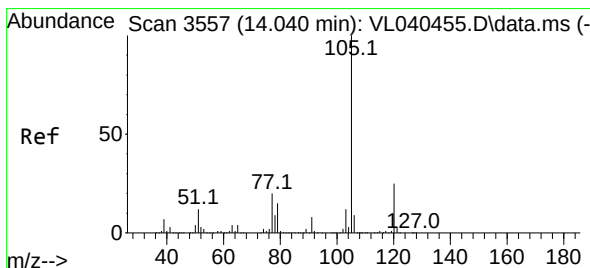
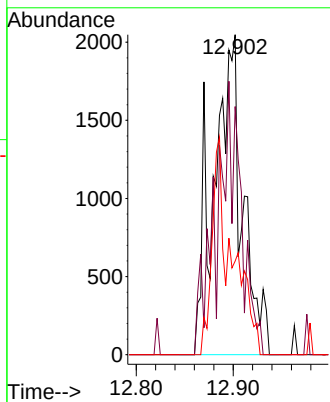
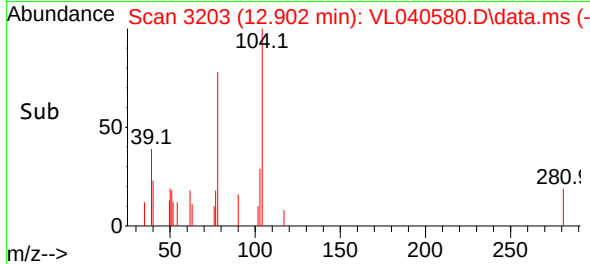
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion:104 Resp: 4162
Ion Ratio Lower Upper
104 100
78 73.9 40.1 60.1
103 0.0 37.0 55.4

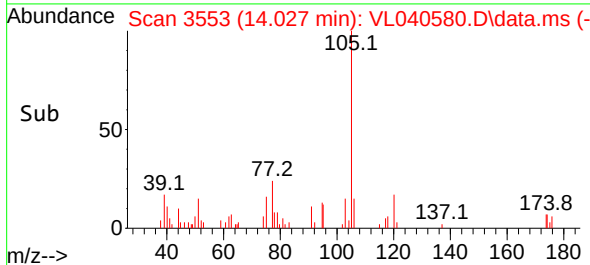
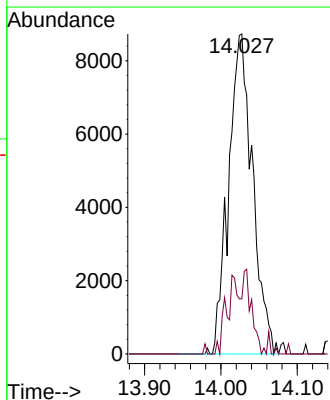
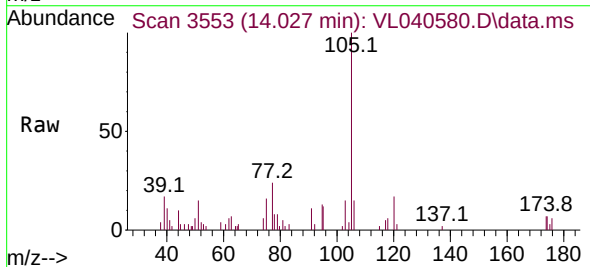
Manual Integrations
APPROVED

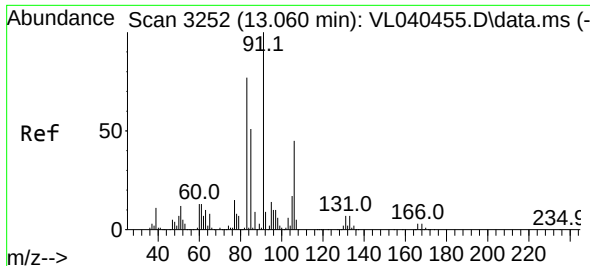
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#62
Isopropylbenzene
Concen: 0.049 ppbv m
RT: 14.027 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

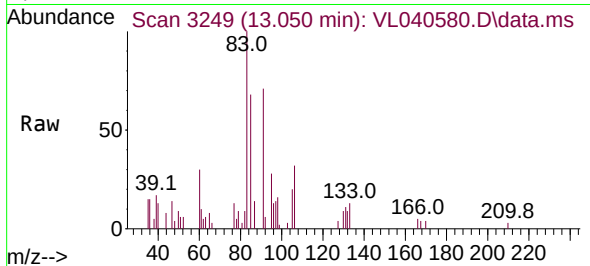
Tgt Ion:105 Resp: 18987
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.078 ppbv m
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

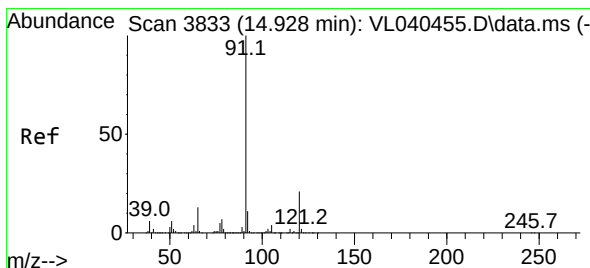
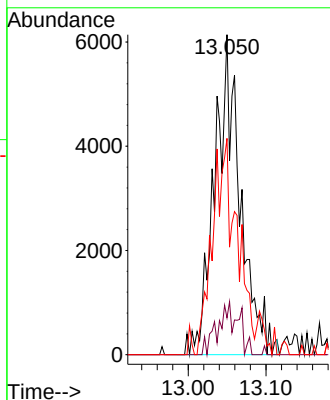
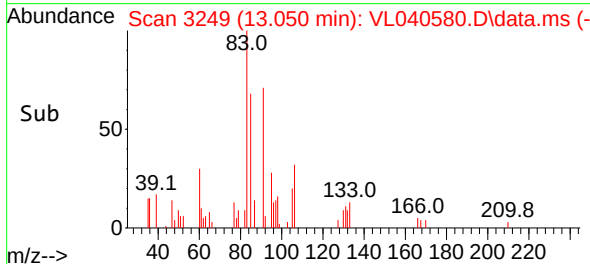
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 83 Resp: 14079
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 0.0 32.8 98.3

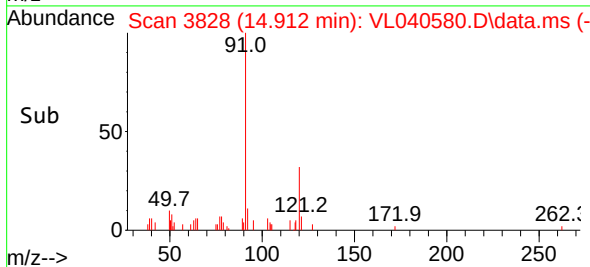
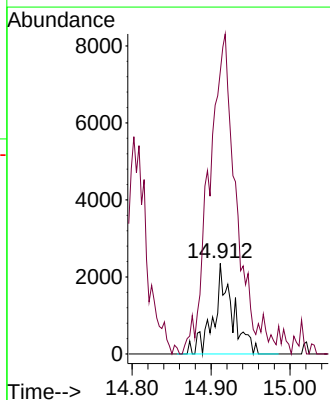
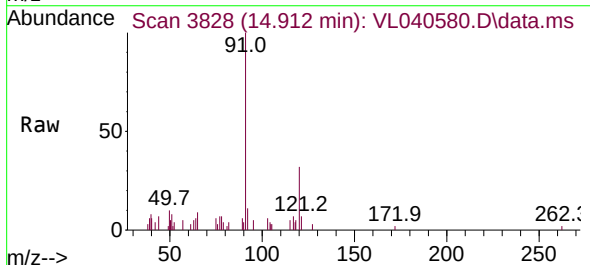
Manual Integrations
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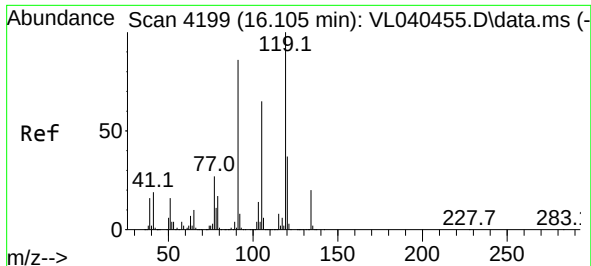
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#64
n-propylbenzene
Concen: 0.039 ppbv m
RT: 14.912 min Scan# 3828
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion:120 Resp: 3870
Ion Ratio Lower Upper
120 100
91 0.0 374.3 561.5





#65

tert-Butylbenzene

Concen: 0.037 ppbv m

RT: 16.092 min Scan# 4199

Delta R.T. -0.010 min

Lab File: VL040580.D

Acq: 31 Jul 2023 20:01

Instrument :

MSVOA_L

ClientSampleId :

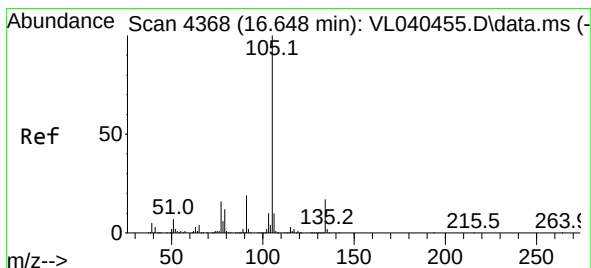
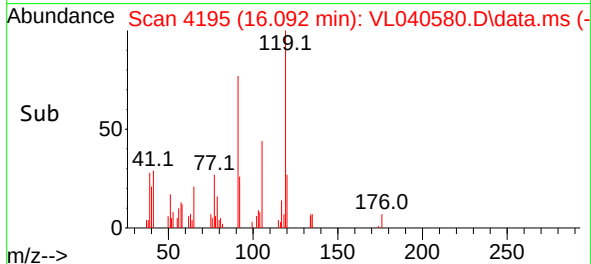
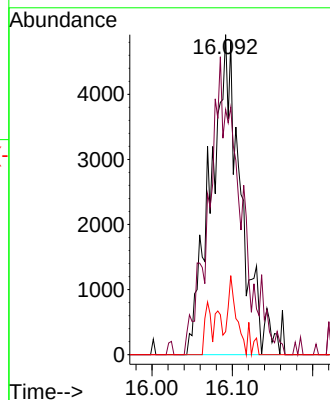
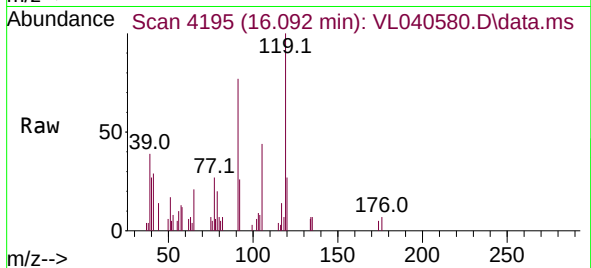
MDL-AIR-03-QT3-2023

Tgt Ion:	119	Resp:	12750
Ion Ratio	Lower	Upper	
119	100		
91	0.0	66.1	99.1
134	7.2	15.7	23.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#67

sec-Butylbenzene

Concen: 0.045 ppbv m

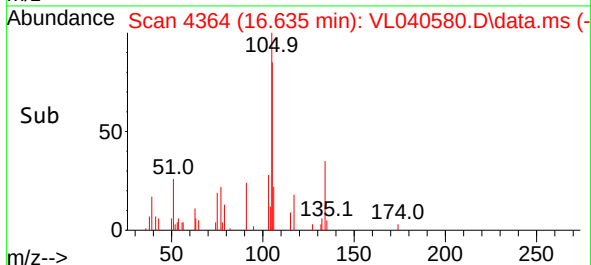
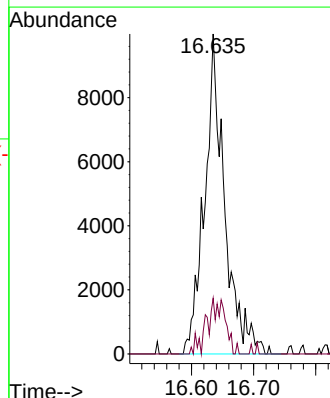
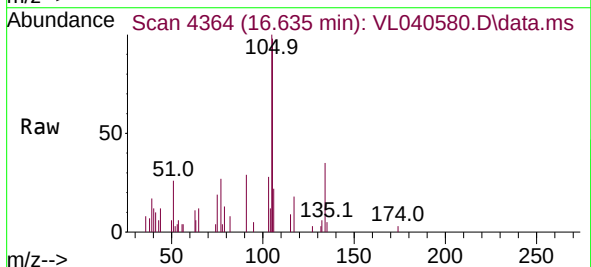
RT: 16.635 min Scan# 4364

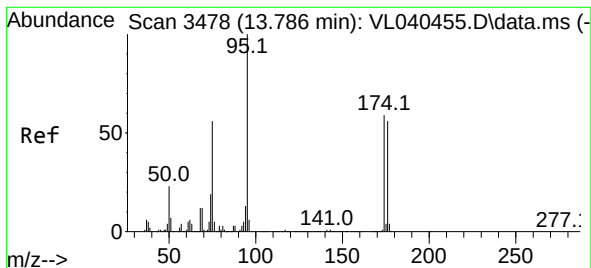
Delta R.T. -0.013 min

Lab File: VL040580.D

Acq: 31 Jul 2023 20:01

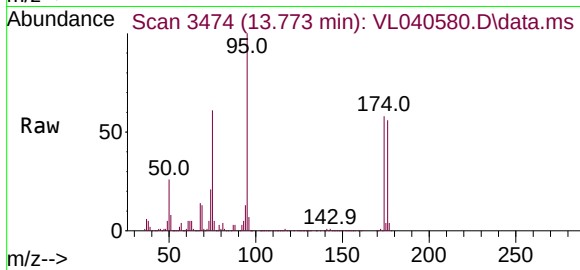
Tgt Ion:	105	Resp:	22386
Ion Ratio	Lower	Upper	
105	100		
134	0.0	14.4	21.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.612 ppbv
RT: 13.773 min Scan# 3478
Delta R.T. -0.010 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

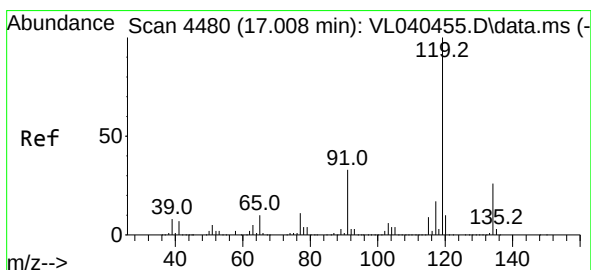
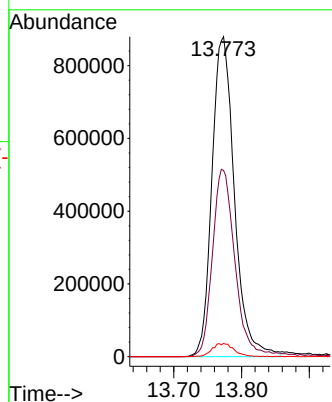
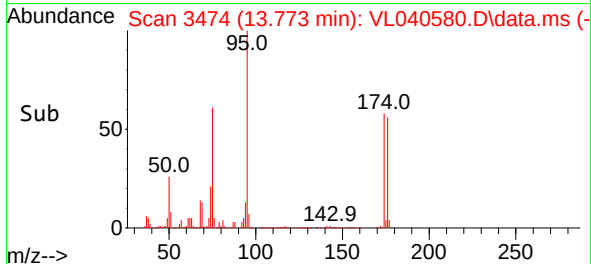
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 95 Resp: 202537
Ion Ratio Lower Upper
95 100
174 59.1 50.6 75.8
175 4.2 3.7 5.5

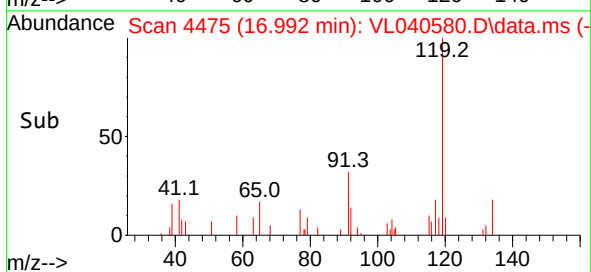
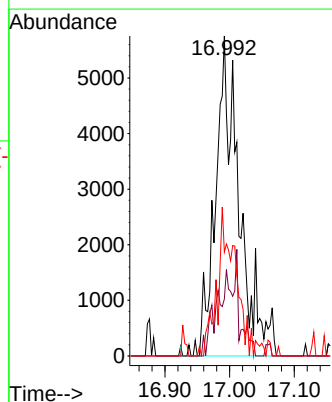
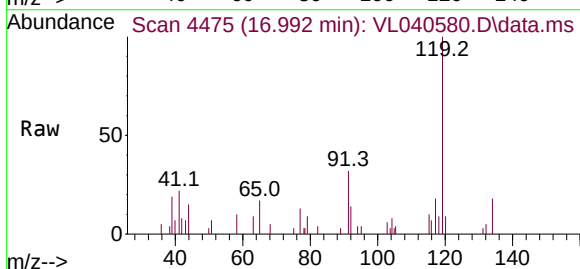
Manual Integrations
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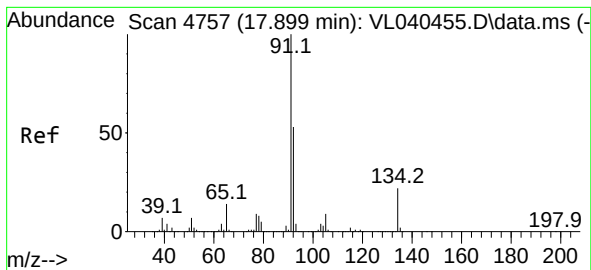
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#69
p-Isopropyltoluene
Concen: 0.035 ppbv m
RT: 16.992 min Scan# 4475
Delta R.T. -0.013 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

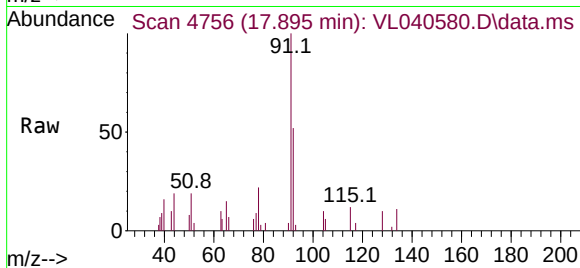
Tgt Ion:119 Resp: 14424
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7#
91 0.0 23.8 35.8#





#70
n-Butylbenzene
Concen: 0.038 ppbv m
RT: 17.895 min Scan# 4756
Delta R.T. -0.000 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

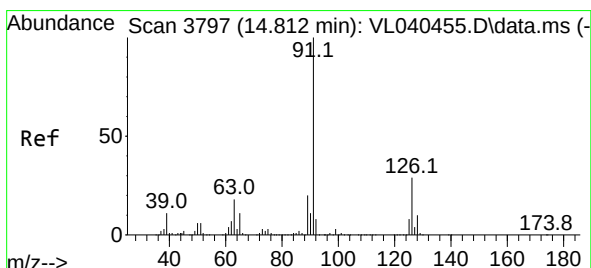
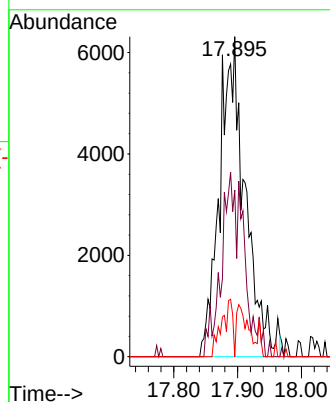
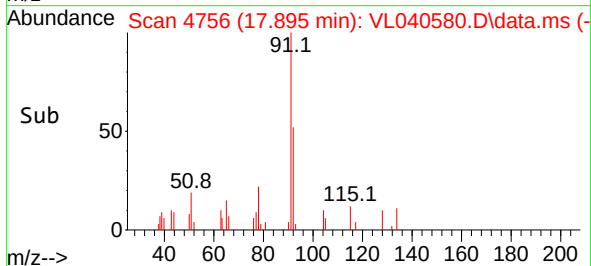
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 91 Resp: 17658
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.0
134 0.0 18.1 27.1

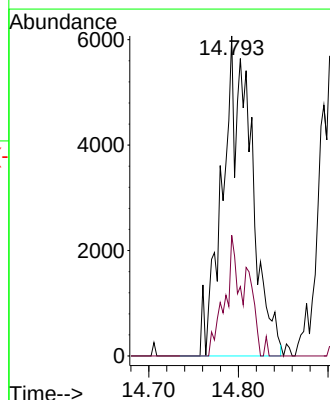
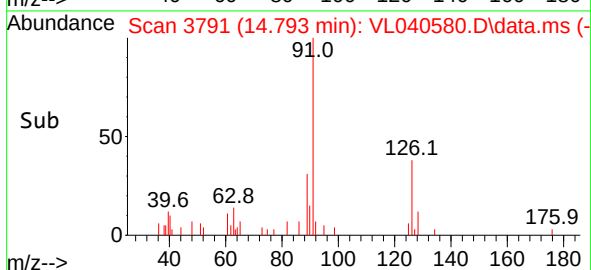
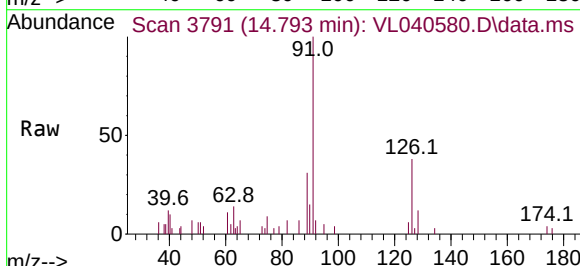
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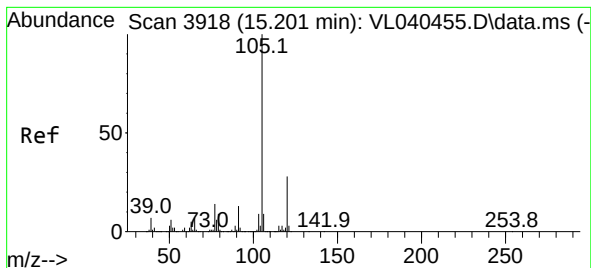
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#71
2-Chlorotoluene
Concen: 0.046 ppbv m
RT: 14.793 min Scan# 3791
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

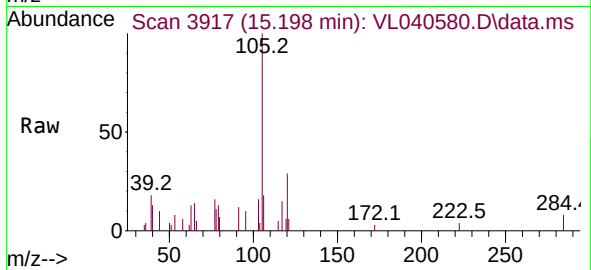
Tgt Ion: 91 Resp: 13764
Ion Ratio Lower Upper
91 100
126 27.2 12.4 49.8





#72
4-Ethyltoluene
Concen: 0.035 ppbv m
RT: 15.198 min Scan# 3917
Delta R.T. -0.007 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

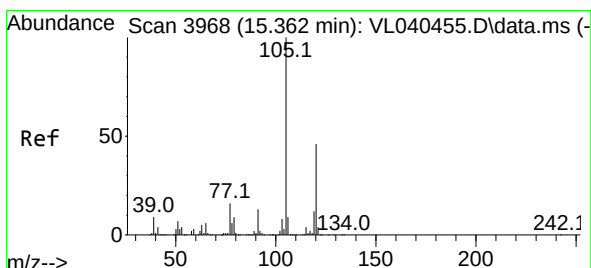
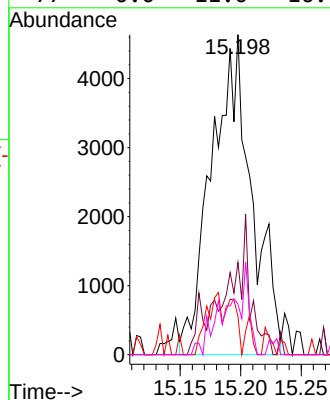
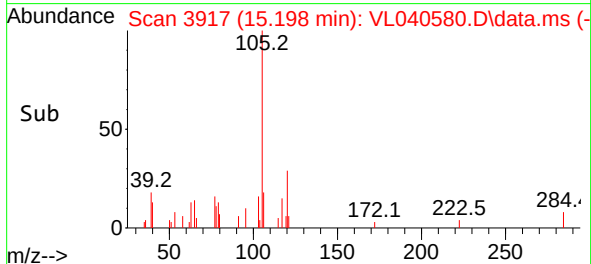
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion:105 Resp: 10628
Ion Ratio Lower Upper
105 100
120 0.0 24.6 37.0#
91 15.0 10.7 16.1
77 0.0 11.0 16.6#

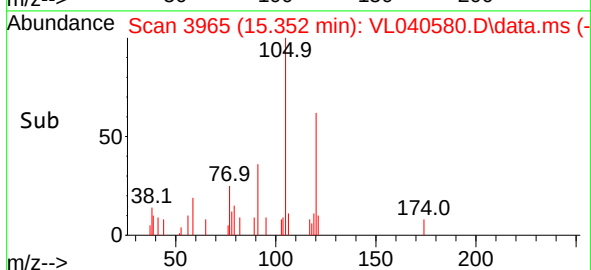
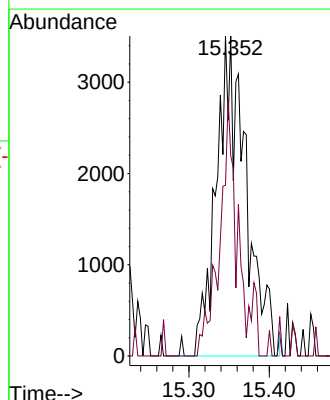
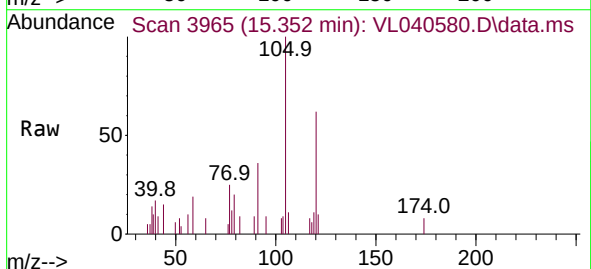
Manual Integrations
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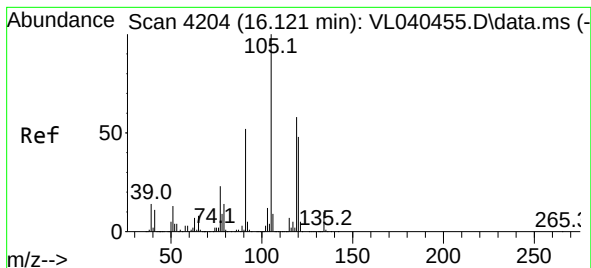
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#73
1,3,5-Trimethylbenzene
Concen: 0.034 ppbv m
RT: 15.352 min Scan# 3965
Delta R.T. -0.010 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion:105 Resp: 9073
Ion Ratio Lower Upper
105 100
120 62.5 38.2 57.2#





#74

1,2,4-Trimethylbenzene

Concen: 0.036 ppbv m

RT: 16.104 min Scan# 4199

Delta R.T. -0.013 min

Lab File: VL040580.D

Acq: 31 Jul 2023 20:01

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

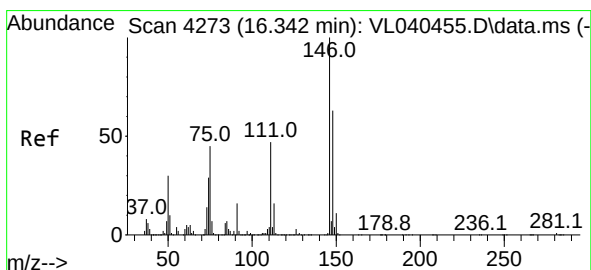
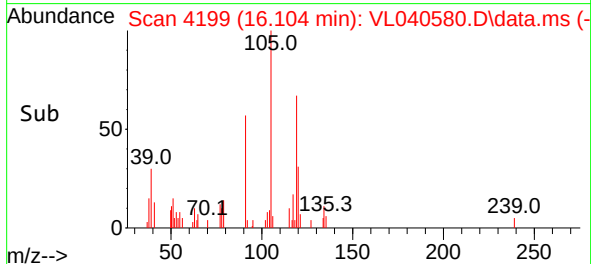
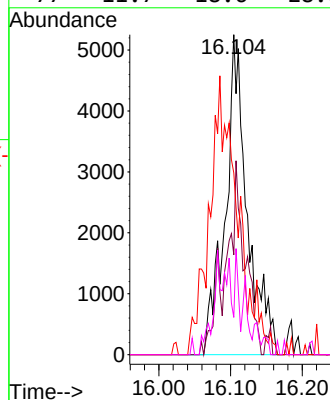
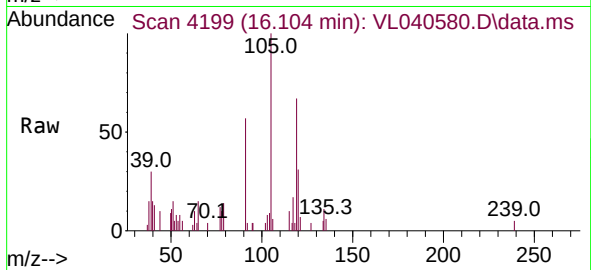
Tgt Ion:	105	Resp:	11230
Ion Ratio	Lower	Upper	
105	100		
120	31.2	40.3	60.5
91	56.8	46.8	70.2
77	11.7	18.6	28.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#75

1,3-Dichlorobenzene

Concen: 0.072 ppbv m

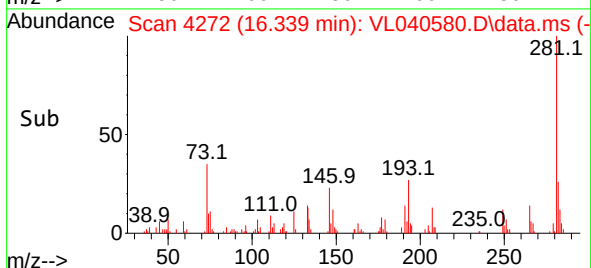
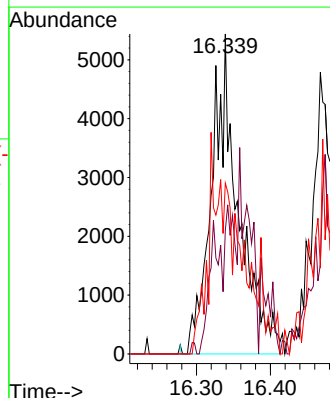
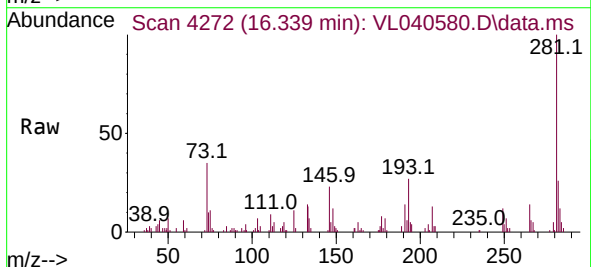
RT: 16.339 min Scan# 4272

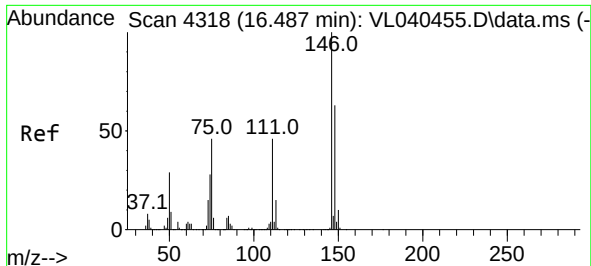
Delta R.T. -0.003 min

Lab File: VL040580.D

Acq: 31 Jul 2023 20:01

Tgt Ion:	146	Resp:	13594
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.6	71.0
148	77.4	32.2	96.6





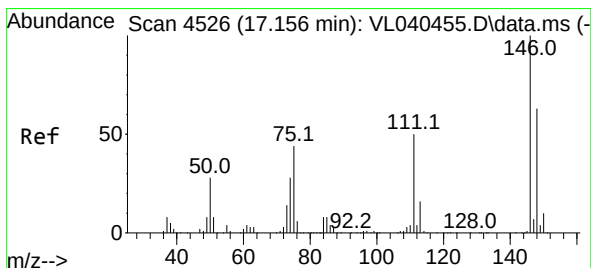
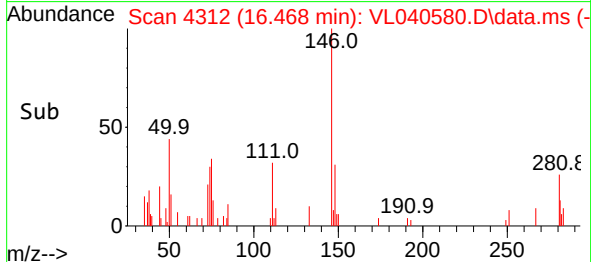
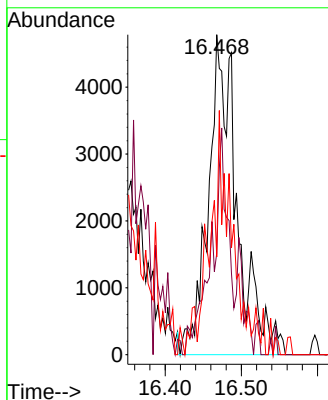
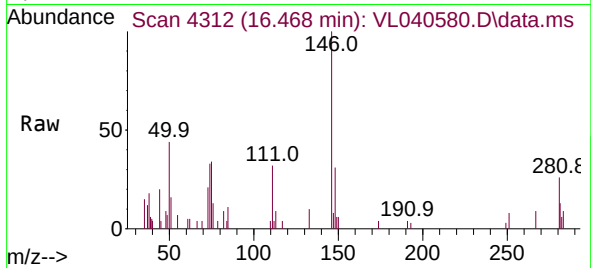
#76
1,4-Dichlorobenzene
Concen: 0.068 ppbv m
RT: 16.468 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Tgt Ion:146 Resp: 1245
Ion Ratio Lower Upper
146 100
111 51.9 22.8 68.3
148 59.5 32.6 97.8

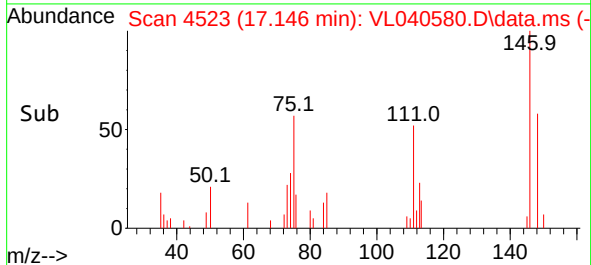
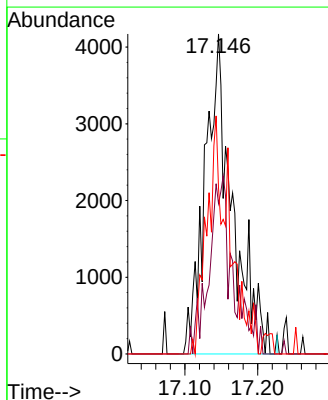
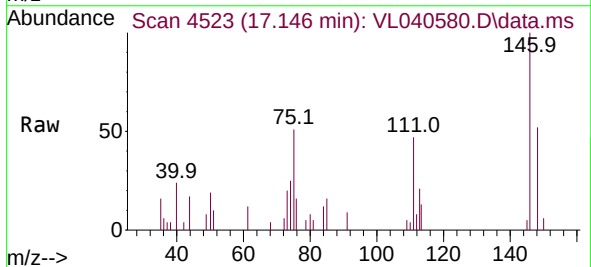
Manual Integrations
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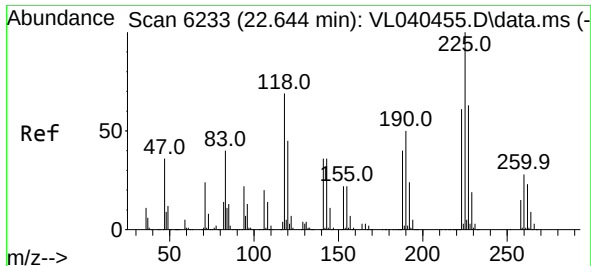
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#77
1,2-Dichlorobenzene
Concen: 0.060 ppbv m
RT: 17.146 min Scan# 4523
Delta R.T. -0.007 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion:146 Resp: 10790
Ion Ratio Lower Upper
146 100
111 0.0 24.3 72.8#
148 0.0 32.1 96.3#





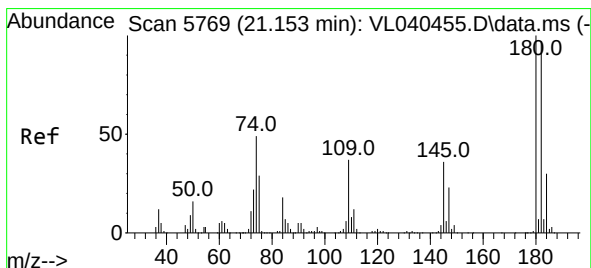
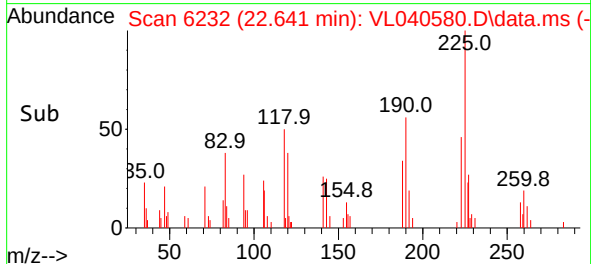
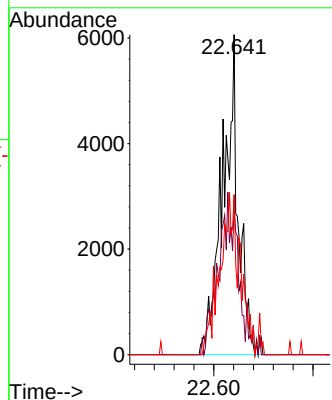
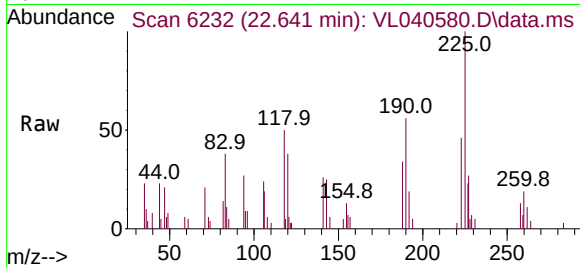
#78
Hexachloro-1,3-Butadiene
Concen: 0.079 ppbv m
RT: 22.641 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Tgt Ion:225 Resp: 1331
Ion Ratio Lower Upper
225 100
223 0.0 50.3 75.5
227 0.0 51.0 76.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#81
1,2,4-Trichlorobenzene
Concen: 0.037 ppbv m
RT: 21.133 min Scan# 5763
Delta R.T. -0.016 min
Lab File: VL040580.D
Acq: 31 Jul 2023 20:01

Tgt Ion:180 Resp: 6670
Ion Ratio Lower Upper
180 100
182 0.0 77.5 116.3#
184 0.0 24.5 36.7#

