

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040574.D
 Acq On : 31 Jul 2023 15:57
 Operator : SY/MD
 Sample : 03572-15 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 01 01:39:39 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 01:39:39 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	992426	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.648	114	2521204	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.465	117	2146728	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	1719354	10.120	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.716	85	97057	0.489	ppbv	98
3) Chlorodifluoromethane	2.661	51	72496	0.461	ppbv	93
4) Chloromethane	2.796	50	28979	0.465	ppbv	95
5) Vinyl Chloride	2.909	62	29872	0.457	ppbv	93
6) Bromomethane	3.108	94	12987m	0.470	ppbv	
7) Chloroethane	3.186	64	11522	0.502	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	78722	0.482	ppbv	98
9) Propene	2.681	41	21508	0.399	ppbv	95
10) Heptane	7.581	43	31845	0.268	ppbv	91
11) Trichlorofluoromethane	3.549	101	84553	0.528	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.054	101	57769	0.512	ppbv	99
13) Ethanol	3.247	45	6776m	0.578	ppbv	
14) Bromoethene	3.353	108	20981	0.433	ppbv #	86
15) Acetone	3.472	43	61851	0.541	ppbv	93
16) 1,3-Butadiene	2.970	39	19906	0.345	ppbv #	76
17) tert-Butyl alcohol	3.886	59	54798	0.464	ppbv	99
18) 1,1-Dichloroethene	3.867	96	23060	0.445	ppbv	97
19) Isopropyl Alcohol	3.584	45	31505	0.480	ppbv #	82
20) Methylene Chloride	3.922	84	43913	0.904	ppbv	86
21) Allyl Chloride	3.986	41	28381	0.435	ppbv #	86
22) trans-1,2-Dichloroethene	4.433	96	21567	0.421	ppbv #	79
23) Vinyl Acetate	4.629	43	44652	0.410	ppbv #	92
24) 1,1-Dichloroethane	4.552	63	54876	0.497	ppbv	98
25) Ethyl Acetate	5.205	43	89226	0.410	ppbv	97
26) Hexane	5.205	57	46667	0.462	ppbv	89
27) Carbon Disulfide	4.118	76	51200	0.431	ppbv #	85
28) Methyl tert-Butyl Ether	4.594	73	34345	0.422	ppbv	99
29) Chloroform	5.269	83	77716	0.464	ppbv	93
30) Cyclohexane	6.591	84	19912m	0.237	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	32703	0.327	ppbv	91
32) 1,1,1-Trichloroethane	5.996	97	72197	0.440	ppbv	96
34) 2-Butanone	4.790	43	46940	0.377	ppbv	96
35) Carbon Tetrachloride	6.491	117	73743m	0.486	ppbv	
36) Benzene	6.369	78	68197	0.336	ppbv	96
37) 1,2-Dichloroethane	5.803	62	51297	0.430	ppbv	100
38) Trichloroethene	7.285	130	25869	0.337	ppbv #	93
39) 1,2-Dichloropropane	7.070	63	31179m	0.399	ppbv	
40) 1,4-Dioxane	7.324	88	8313m	0.340	ppbv	
41) Tetrahydrofuran	5.581	42	21015m	0.289	ppbv	
42) Bromodichloromethane	7.240	83	65877	0.397	ppbv #	84
43) Methyl Methacrylate	7.484	69	22747m	0.300	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	103667	0.318	ppbv #	85
45) t-1,3-Dichloropropene	8.706	75	12728m	0.261	ppbv	

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 Misc : 400mL/MSVOA_L
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Manual Integrations
 APPROVED

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

Quant Time: Aug 01 01:39:39 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

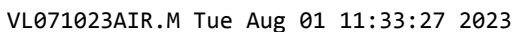
Response via : Initial Calibration

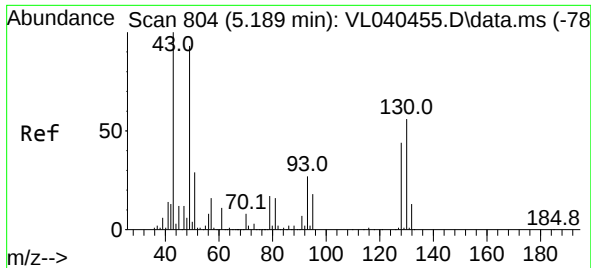
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	16248m	0.260	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	32307m	0.375	ppbv	
48) Dibromochloromethane	9.706	129	48164	0.362	ppbv	98
49) Bromoform	12.410	173	37026m	0.351	ppbv	
50) 4-Methyl-2-Pentanone	8.205	43	52938m	0.292	ppbv	
51) 2-Hexanone	9.584	43	31749m	0.248	ppbv	
52) Tetrachloroethene	10.610	164	22221	0.338	ppbv	93
53) Toluene	9.217	91	53832	0.244	ppbv	96
54) 1,2-Dibromoethane	10.012	107	38637m	0.361	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.507	131	43149m	0.449	ppbv	
57) Chlorobenzene	11.526	112	71130	0.425	ppbv #	86
58) Ethyl Benzene	12.089	91	73047m	0.271	ppbv	
59) m/p-Xylene	12.375	91	151053m	0.628	ppbv	
60) o-Xylene	13.063	91	64543	0.282	ppbv	97
61) Styrene	12.899	104	21162m	0.200	ppbv	
62) Isopropylbenzene	14.034	105	116119m	0.338	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.050	83	71519	0.446	ppbv	92
64) n-propylbenzene	14.921	120	29346m	0.330	ppbv	
65) tert-Butylbenzene	16.095	119	97258m	0.320	ppbv	
66) Benzyl Chloride	16.339	91	8871m	0.413	ppbv	
67) sec-Butylbenzene	16.648	105	149902m	0.336	ppbv	
69) p-Isopropyltoluene	17.005	119	104356	0.283	ppbv #	92
70) n-Butylbenzene	17.896	91	126248	0.307	ppbv #	94
71) 2-Chlorotoluene	14.802	91	76210	0.288	ppbv	99
72) 4-Ethyltoluene	15.201	105	74099m	0.276	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	70322m	0.297	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	90863m	0.329	ppbv	
75) 1,3-Dichlorobenzene	16.336	146	65551m	0.392	ppbv	
76) 1,4-Dichlorobenzene	16.478	146	65611m	0.400	ppbv	
77) 1,2-Dichlorobenzene	17.146	146	62254m	0.389	ppbv	
78) Hexachloro-1,3-Butadiene	22.628	225	61820m	0.411	ppbv	
79) Naphthalene	21.400	128	53777m	0.230	ppbv	
80) Naphthalene,2-methyl-	24.474	142	8203m	0.085	ppbv	
81) 1,2,4-Trichlorobenzene	21.149	180	40186m	0.250	ppbv	

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

Manual Integrations

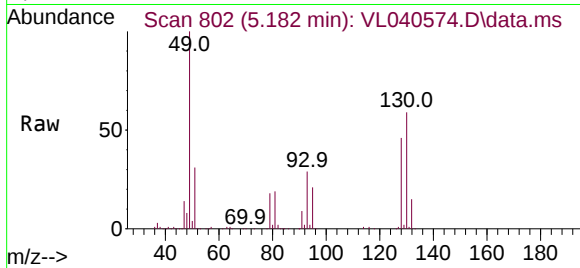
Quant Time: Aug 01 01:39:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jul 10 16:32:00 2023
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.020 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

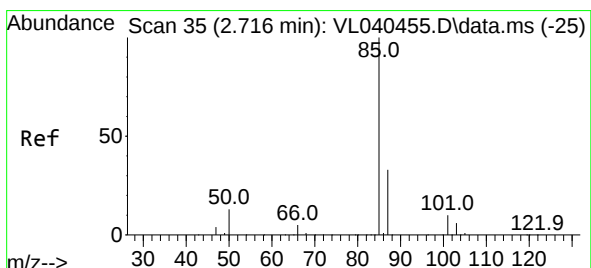
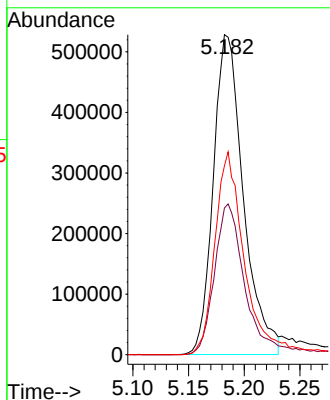
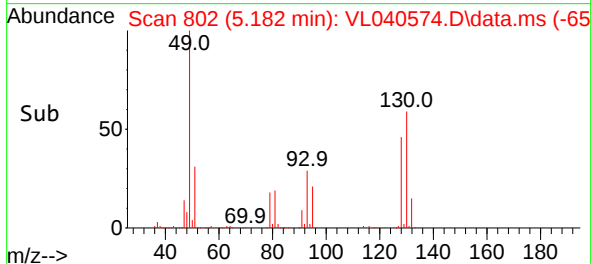
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



Tgt Ion: 49 Resp: 992420
Ion Ratio Lower Upper
49 100
128 49.5 25.1 75.4
130 64.2 31.6 94.7

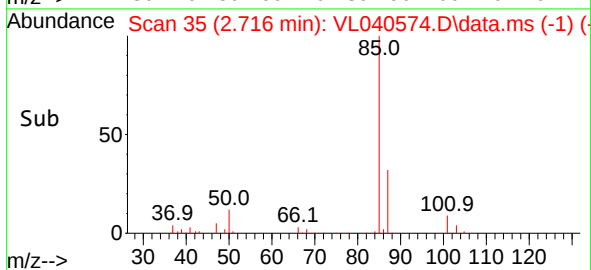
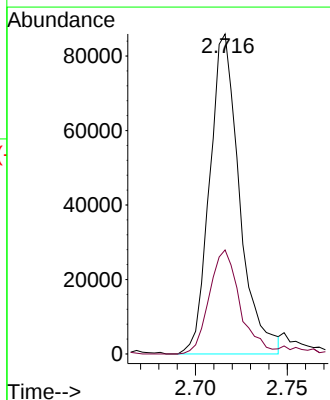
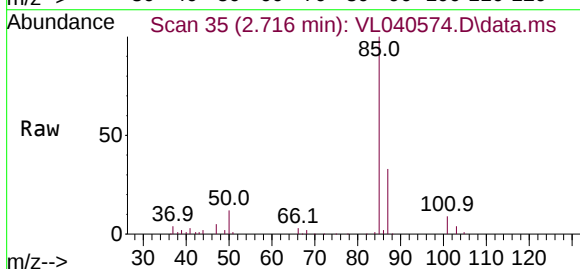
Manual Integrations
APPROVED

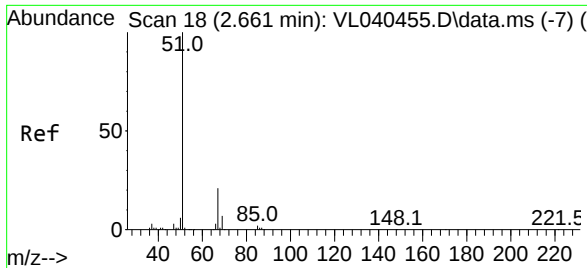
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#2
Dichlorodifluoromethane
Concen: 0.489 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.022 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

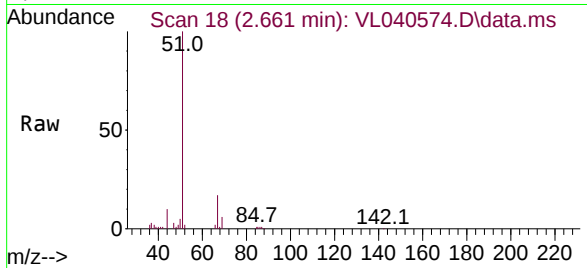
Tgt Ion: 85 Resp: 97057
Ion Ratio Lower Upper
85 100
87 32.5 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.461 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

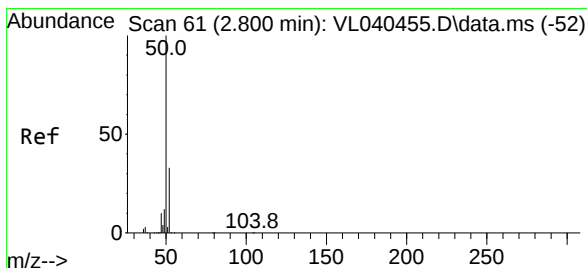
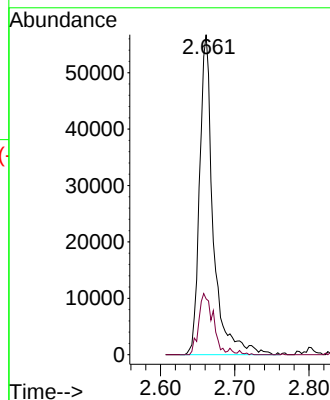
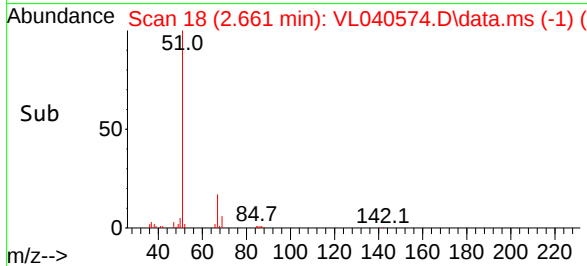
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



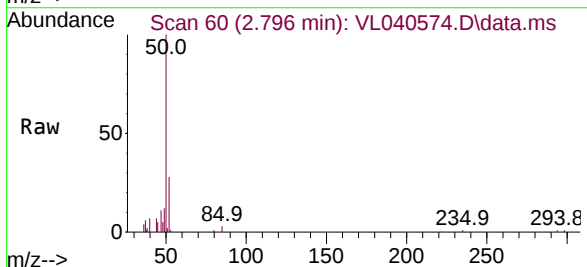
Tgt Ion: 51 Resp: 72490
Ion Ratio Lower Upper
51 100
67 21.2 14.6 21.8

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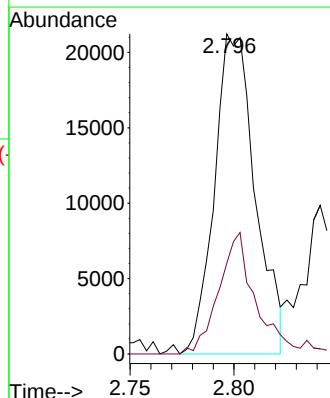
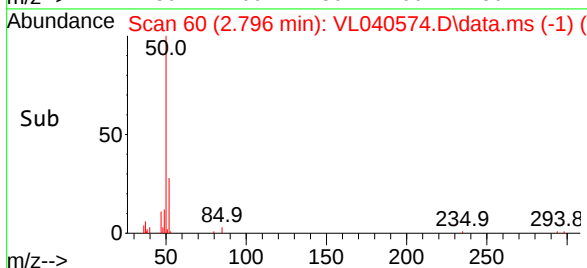
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

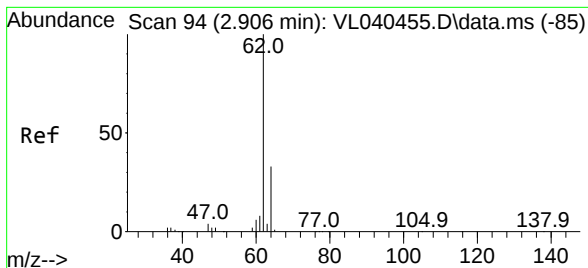


#4
Chloromethane
Concen: 0.465 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.026 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57



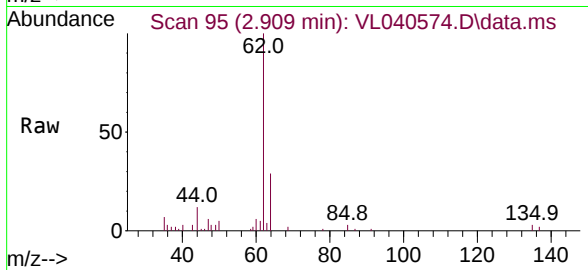
Tgt Ion: 50 Resp: 28979
Ion Ratio Lower Upper
50 100
52 27.8 24.4 36.6





#5
 Vinyl Chloride
 Concen: 0.457 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.019 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

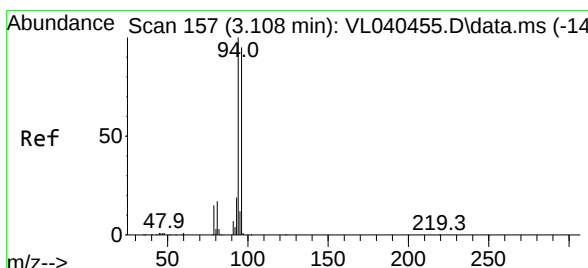
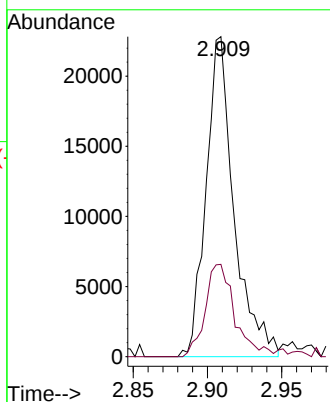
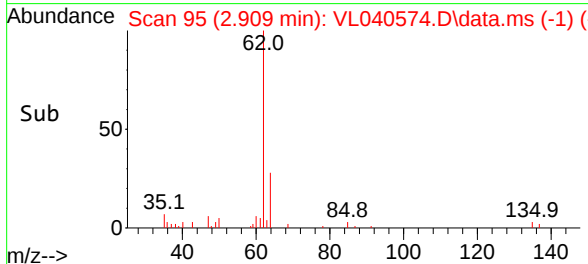
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



Tgt Ion: 62 Resp: 29872
 Ion Ratio Lower Upper
 62 100
 64 28.8 26.4 39.6

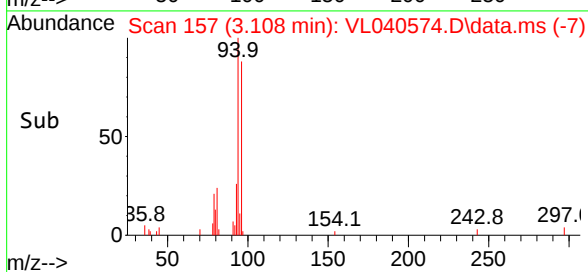
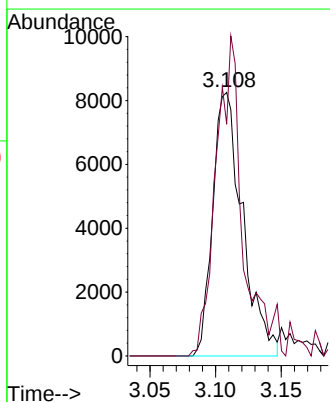
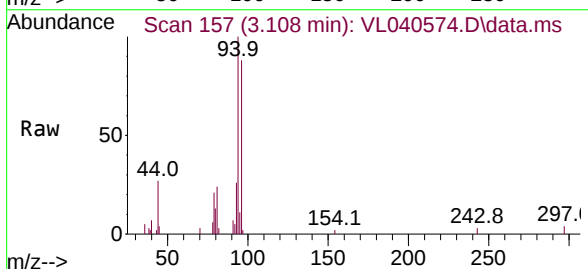
Manual Integrations
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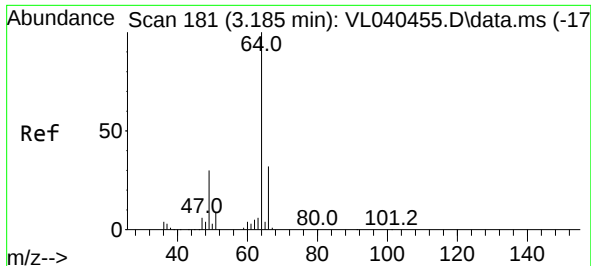
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#6
 Bromomethane
 Concen: 0.470 ppbv m
 RT: 3.108 min Scan# 157
 Delta R.T. -0.019 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

Tgt Ion: 94 Resp: 12987
 Ion Ratio Lower Upper
 94 100
 96 87.9 75.7 113.5





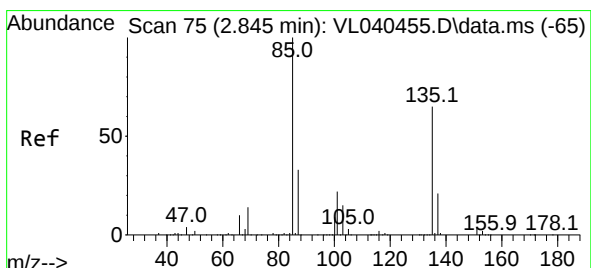
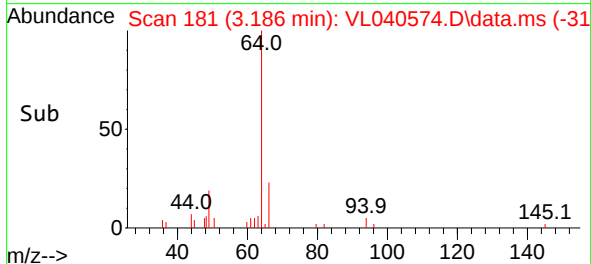
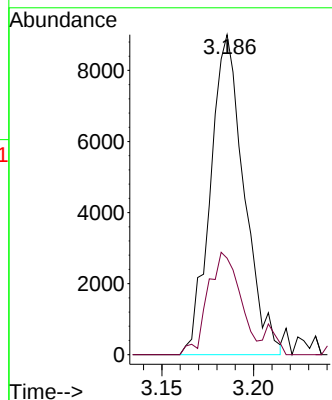
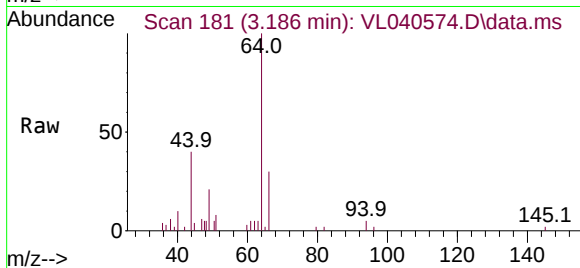
#7
Chloroethane
Concen: 0.502 ppbv
RT: 3.186 min Scan# 1152
Delta R.T. -0.019 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

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

Tgt Ion: 64 Resp: 1152
Ion Ratio Lower Upper
64 100
66 30.1 24.4 36.6

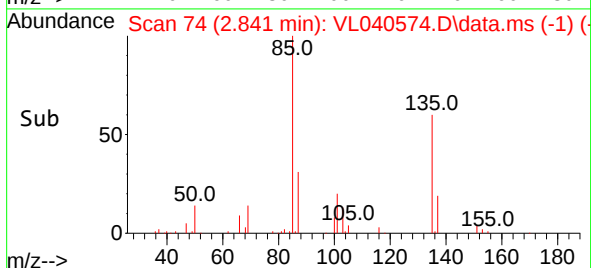
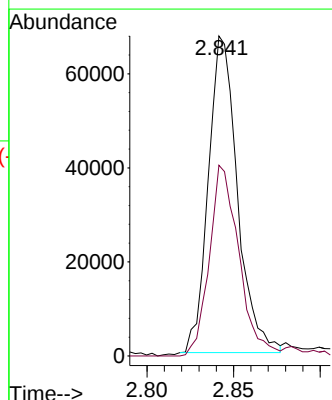
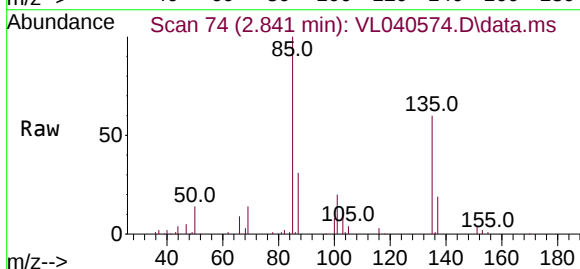
Manual Integrations
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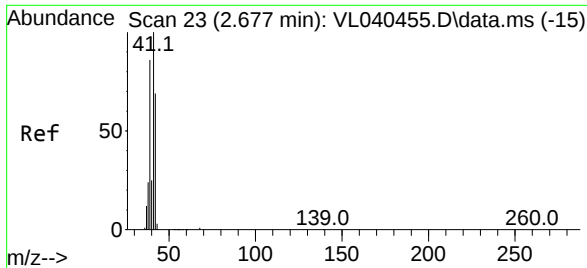
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#8
Dichlorotetrafluoroethane
Concen: 0.482 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

Tgt Ion: 85 Resp: 78722
Ion Ratio Lower Upper
85 100
135 64.3 52.4 78.6





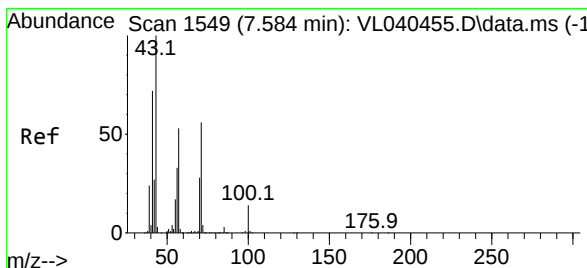
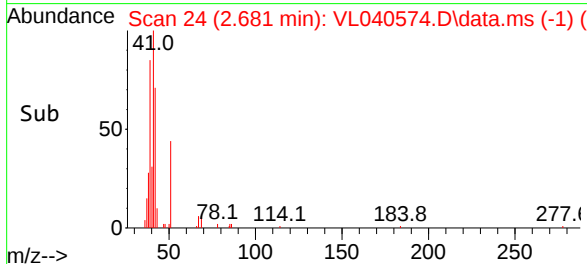
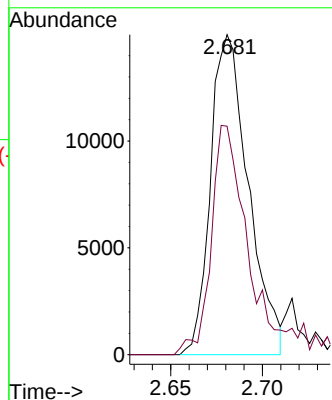
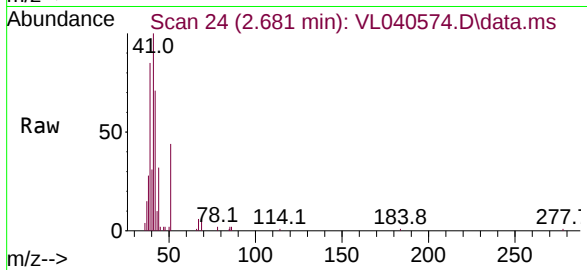
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Propene
Concen: 0.399 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.022 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

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

Tgt Ion: 41 Resp: 21508
Ion Ratio Lower Upper
41 100
42 72.6 55.0 82.6

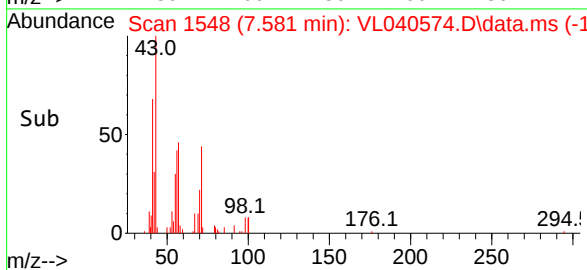
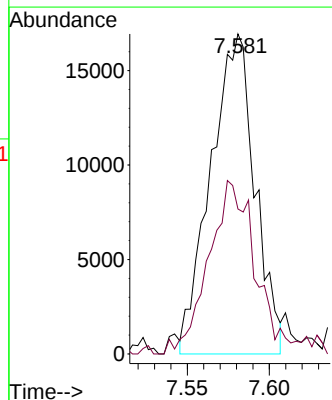
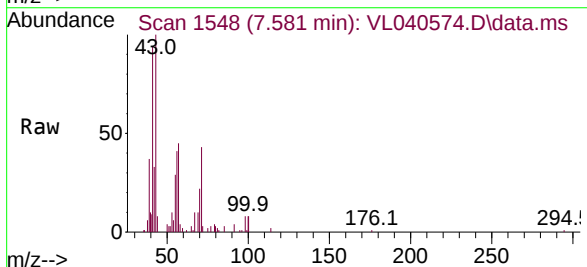
Manual Integrations
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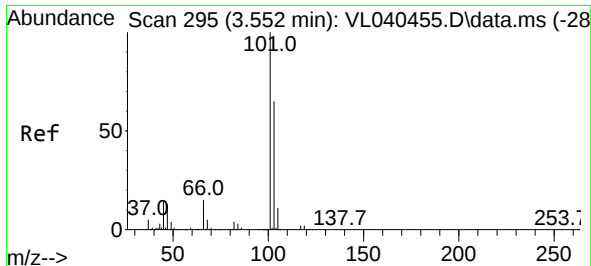
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Heptane
Concen: 0.268 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. -0.010 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

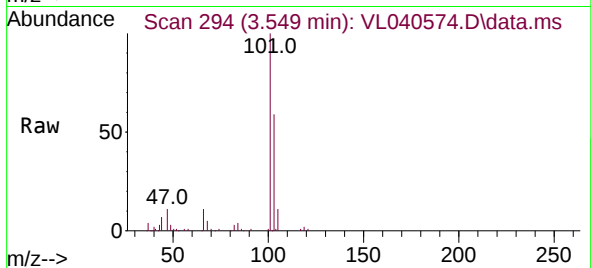
Tgt Ion: 43 Resp: 31845
Ion Ratio Lower Upper
43 100
57 59.3 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 0.528 ppbv
 RT: 3.549 min Scan# 295
 Delta R.T. -0.022 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

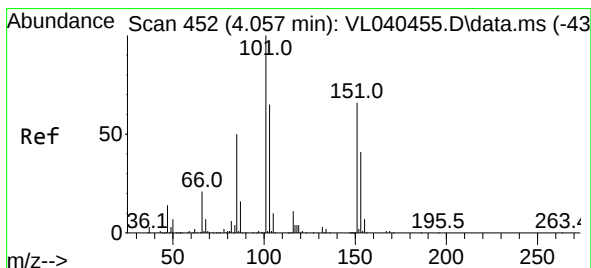
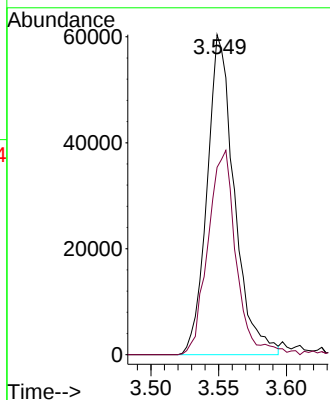
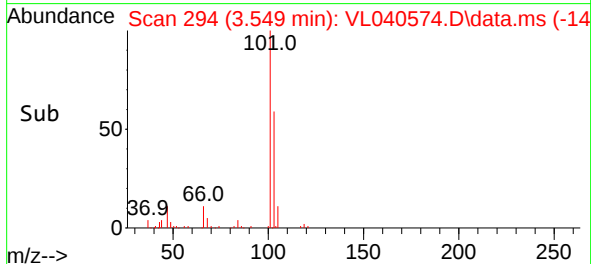
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



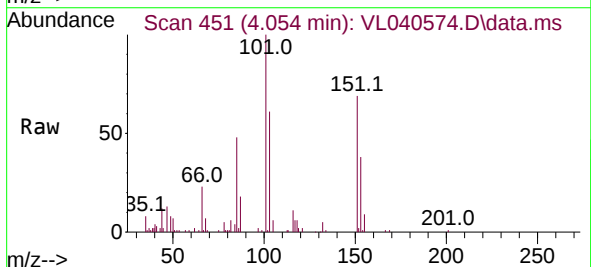
Tgt Ion:101 Resp: 8455
 Ion Ratio Lower Upper
 101 100
 103 58.5 53.4 80.0

Manual Integrations
 APPROVED

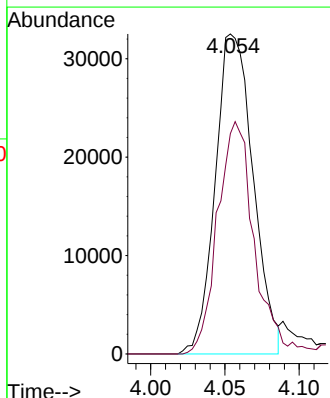
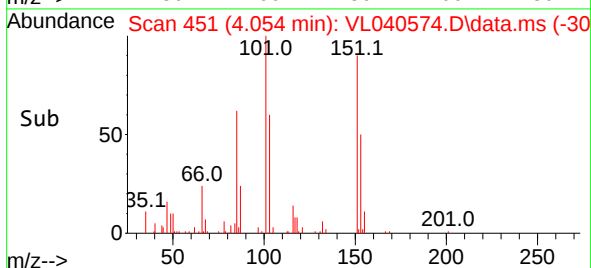
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

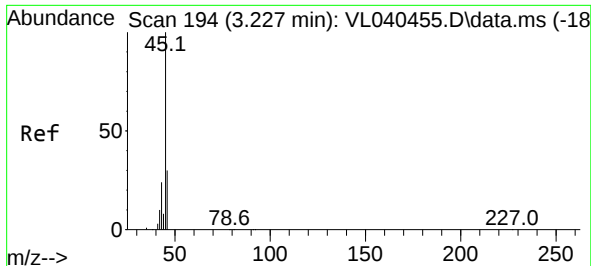


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.512 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. -0.019 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57



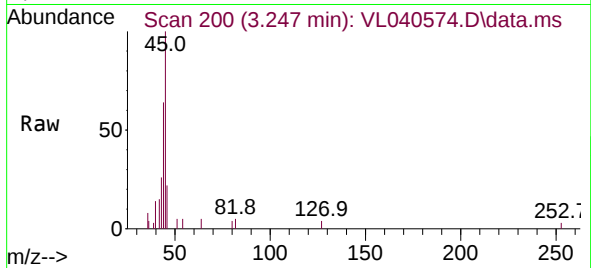
Tgt Ion:101 Resp: 57769
 Ion Ratio Lower Upper
 101 100
 151 71.7 58.2 87.4





#13
Ethanol
Concen: 0.578 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

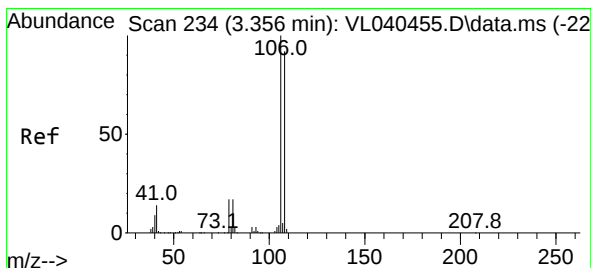
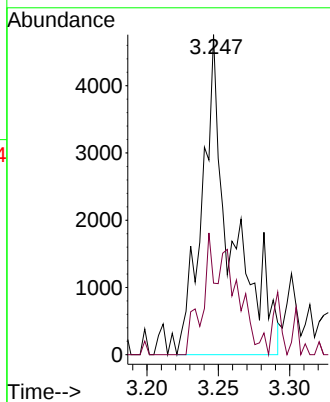
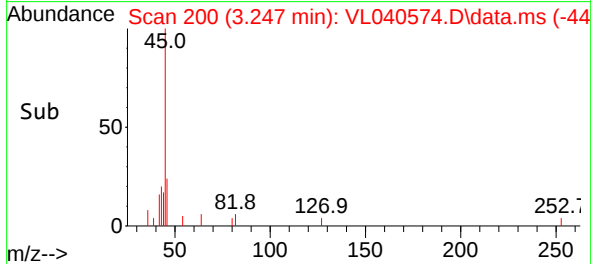
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



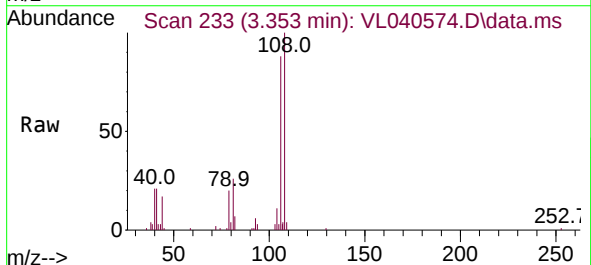
Tgt Ion: 45 Resp: 6770
Ion Ratio Lower Upper
45 100
46 40.2 15.3 61.1

Manual Integrations
APPROVED

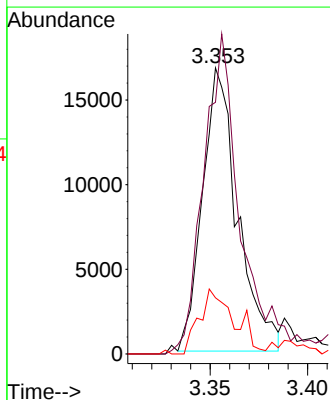
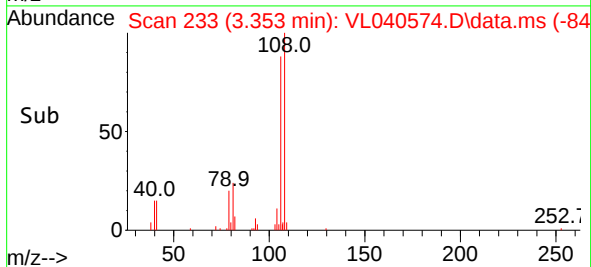
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

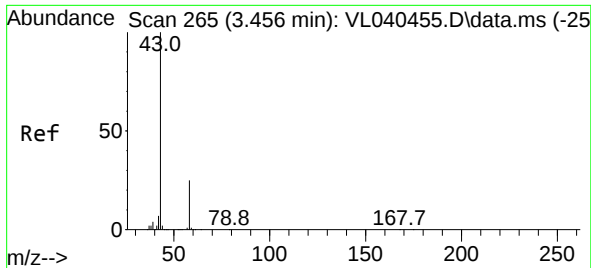


#14
Bromoethene
Concen: 0.433 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.022 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57



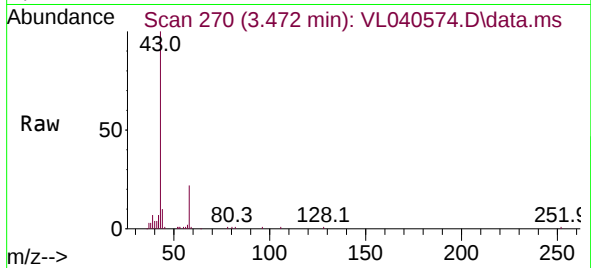
Tgt Ion:108 Resp: 20981
Ion Ratio Lower Upper
108 100
106 124.6 87.2 130.8
79 24.1 15.3 22.9#





#15
Acetone
Concen: 0.541 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

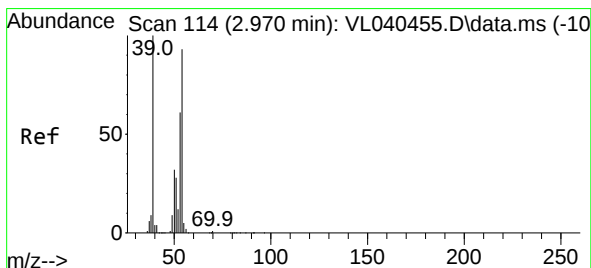
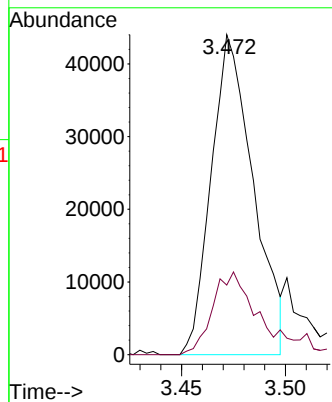
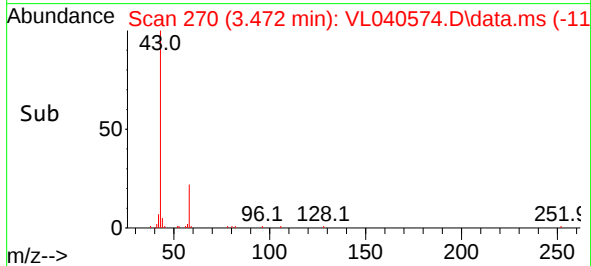
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 43 Resp: 6185
Ion Ratio Lower Upper
43 100
58 32.4 22.9 34.3

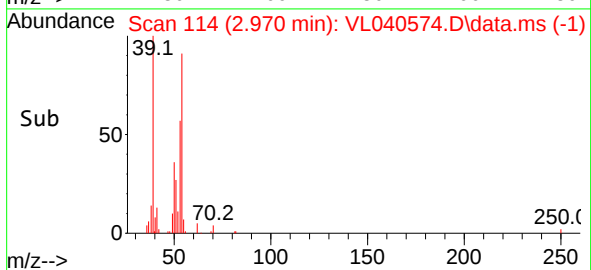
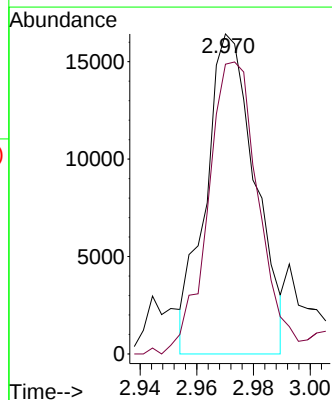
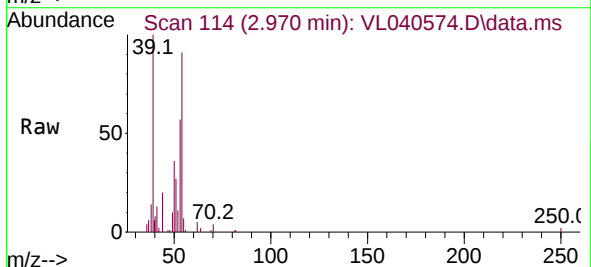
Manual Integrations
APPROVED

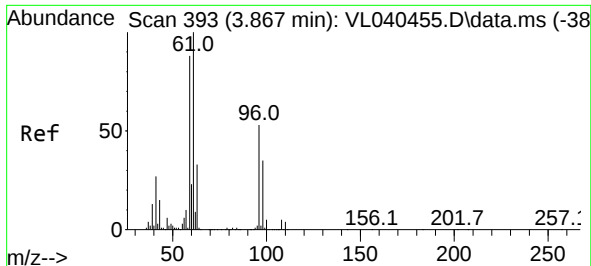
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
1,3-Butadiene
Concen: 0.345 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.022 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

Tgt Ion: 39 Resp: 19906
Ion Ratio Lower Upper
39 100
54 105.0 66.6 100.0#





#17

tert-Butyl alcohol

Concen: 0.464 ppbv

RT: 3.886 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

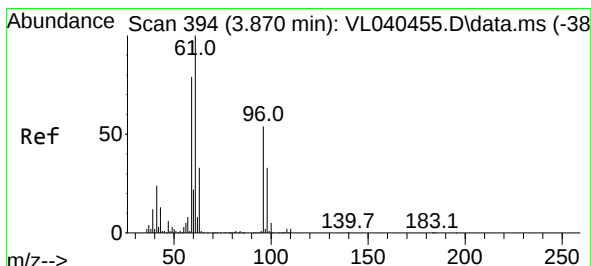
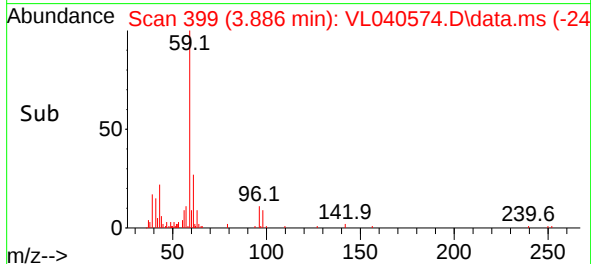
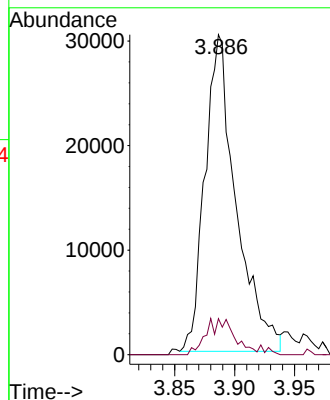
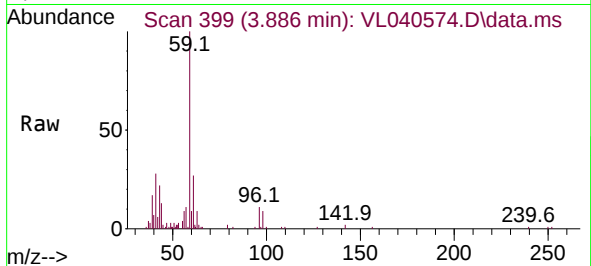
MDL-AIR-03-QT3-2023

Tgt Ion: 59 Resp: 54798
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.7 13.1

Manual Integrations

APPROVED

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



#18

1,1-Dichloroethene

Concen: 0.445 ppbv

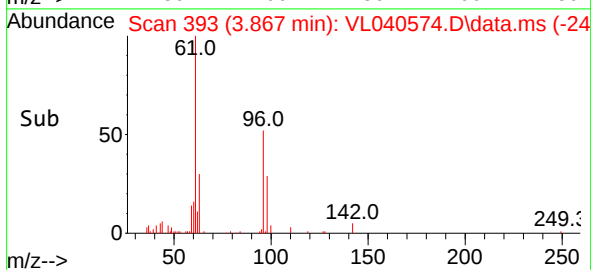
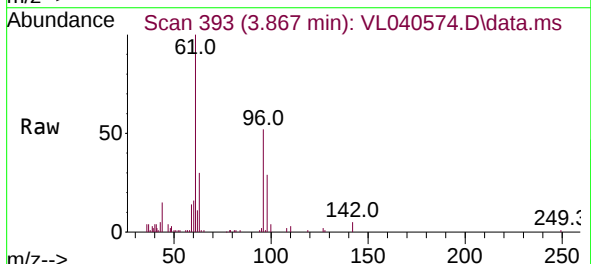
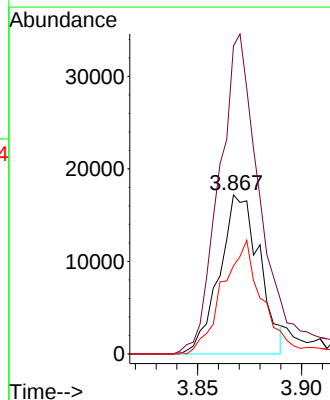
RT: 3.867 min Scan# 393

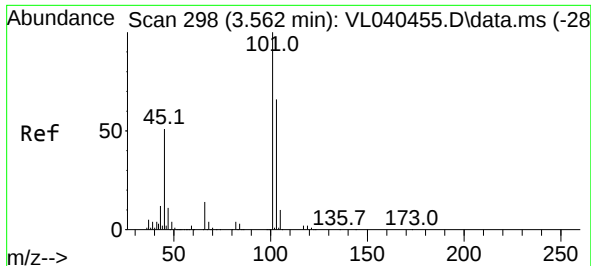
Delta R.T. -0.022 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

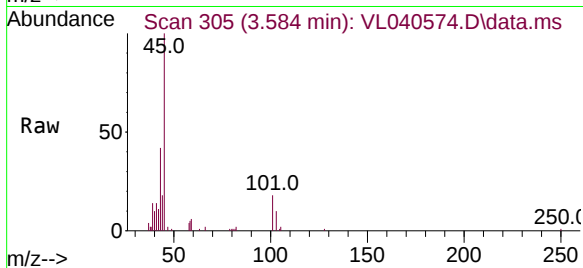
Tgt Ion: 96 Resp: 23060
 Ion Ratio Lower Upper
 96 100
 61 191.9 154.4 231.6
 98 54.3 50.0 75.0





#19
Isopropyl Alcohol
Concen: 0.480 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

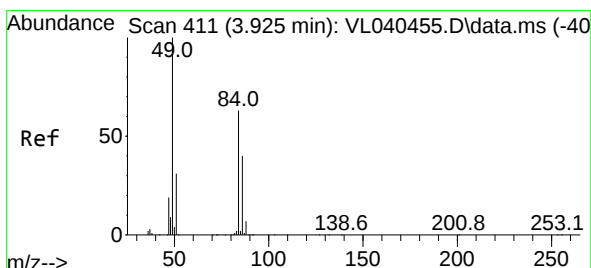
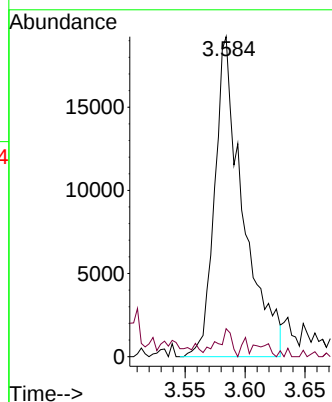
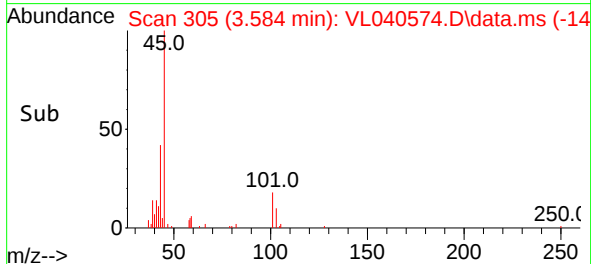
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



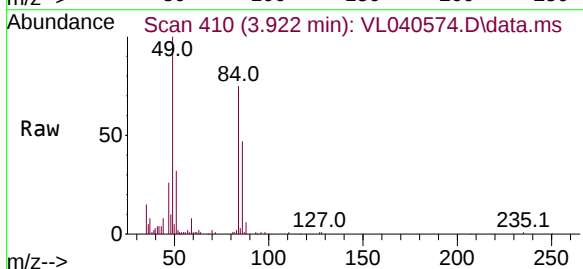
Tgt Ion: 45 Resp: 3150
Ion Ratio Lower Upper
45 100
58 8.4 1.1 1.7

Manual Integrations
APPROVED

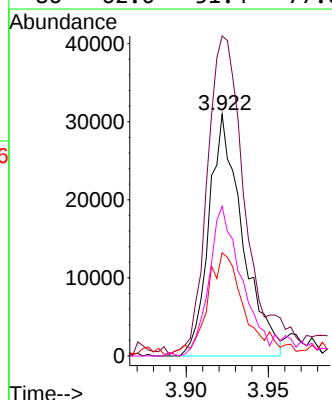
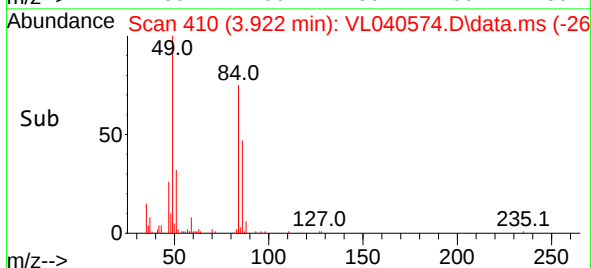
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

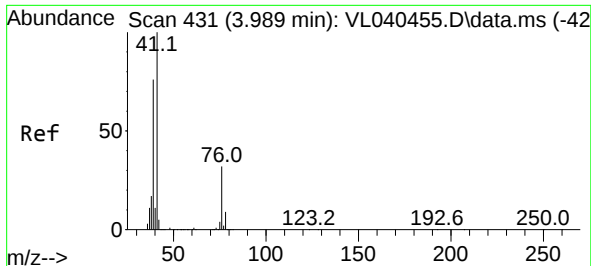


#20
Methylene Chloride
Concen: 0.904 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.019 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57



Tgt Ion: 84 Resp: 43913
Ion Ratio Lower Upper
84 100
49 129.7 123.4 185.2
51 39.9 38.3 57.5
86 62.0 51.4 77.0





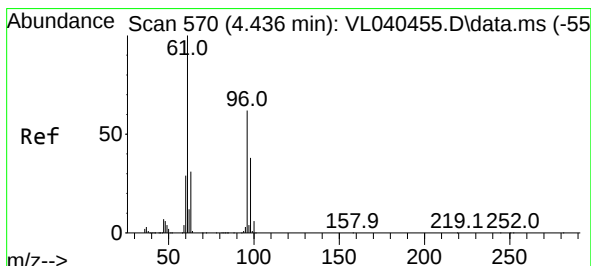
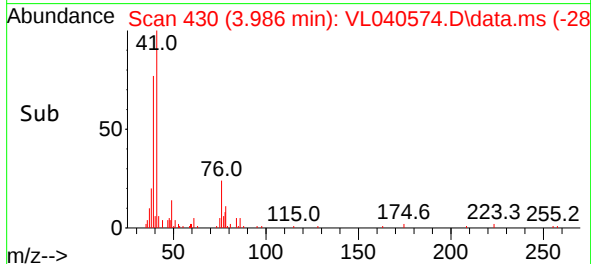
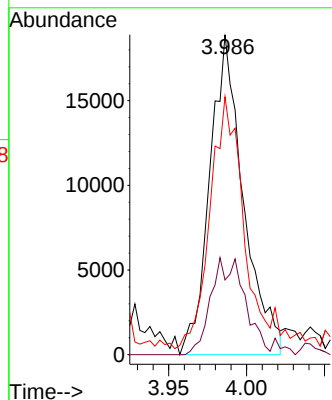
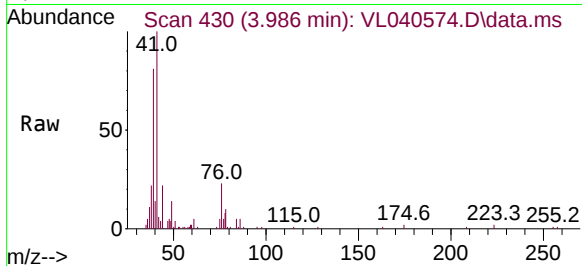
#21
 Allyl Chloride
 Concen: 0.435 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

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

Tgt Ion: 41 Resp: 2838
 Ion Ratio Lower Upper
 41 100
 76 31.8 24.8 37.2
 39 92.7 60.6 91.0

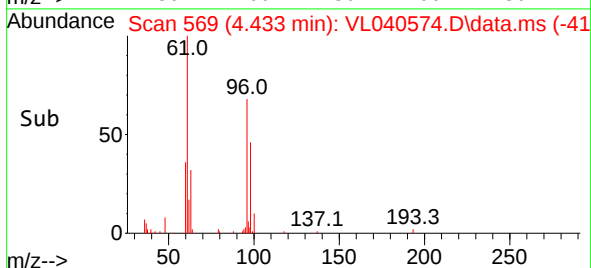
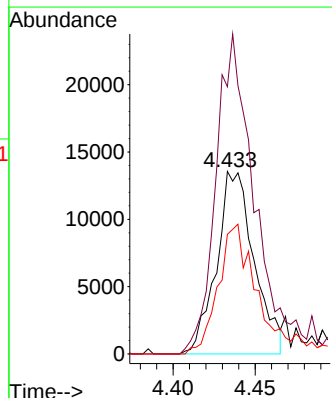
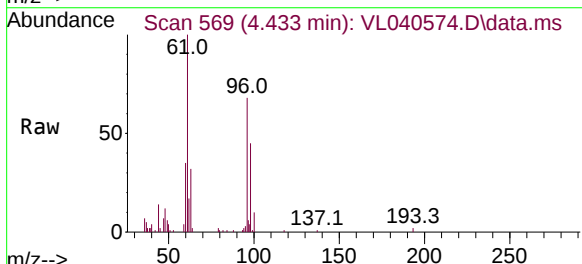
Manual Integrations
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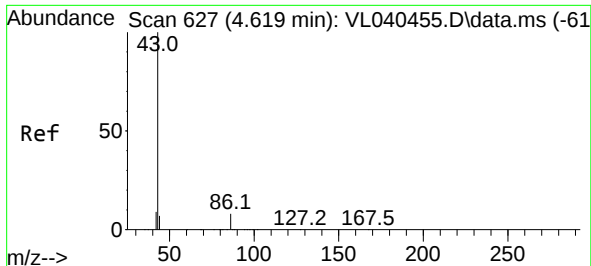
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.421 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.019 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

Tgt Ion: 96 Resp: 21567
 Ion Ratio Lower Upper
 96 100
 61 134.8 137.7 206.5#
 98 60.4 52.9 79.3





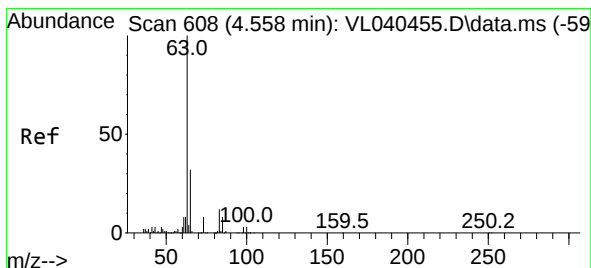
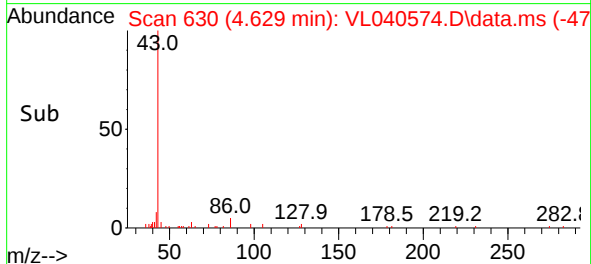
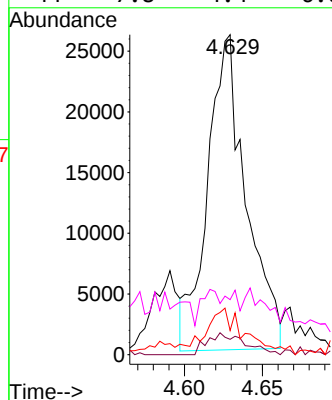
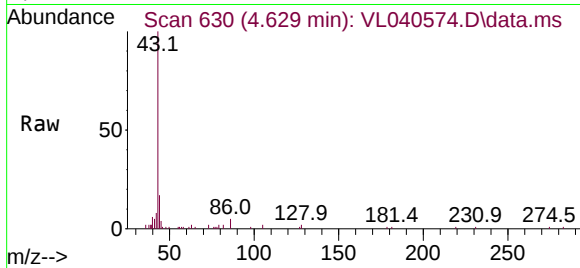
#23
 Vinyl Acetate
 Concen: 0.410 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

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

Tgt Ion: 43 Resp: 44652
 Ion Ratio Lower Upper
 43 100
 86 5.3 5.6 8.4
 42 5.6 7.4 11.2
 44 7.8 4.4 6.6

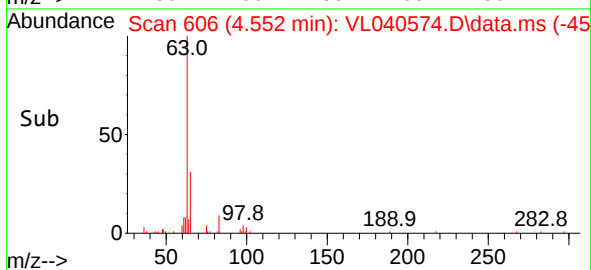
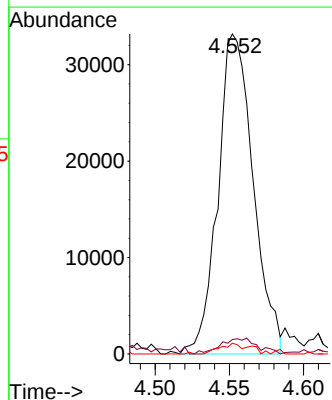
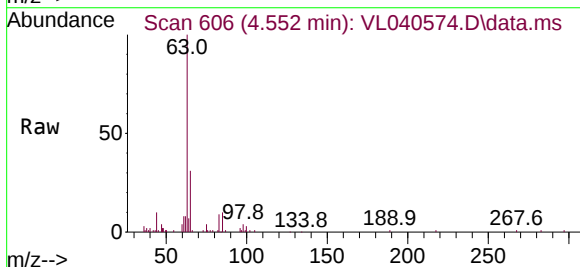
Manual Integrations
 APPROVED

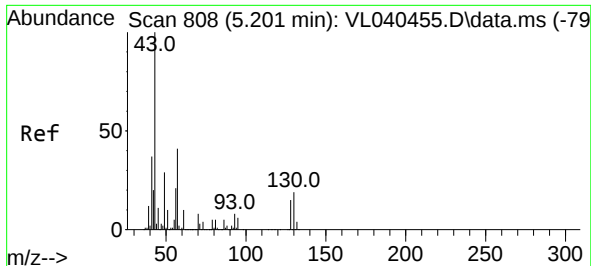
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#24
 1,1-Dichloroethane
 Concen: 0.497 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.019 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

Tgt Ion: 63 Resp: 54876
 Ion Ratio Lower Upper
 63 100
 98 4.5 1.8 5.5
 100 3.4 1.4 4.0





#25

Ethyl Acetate

Concen: 0.410 ppbv

RT: 5.205 min Scan# 809

Delta R.T. -0.006 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

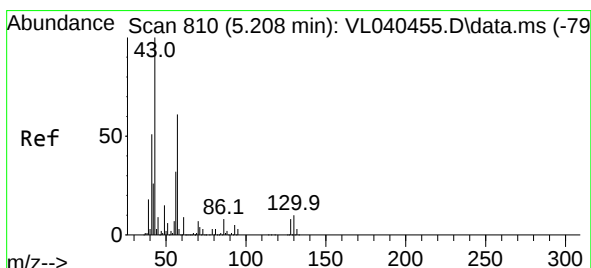
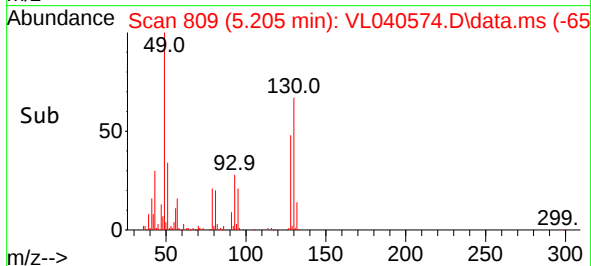
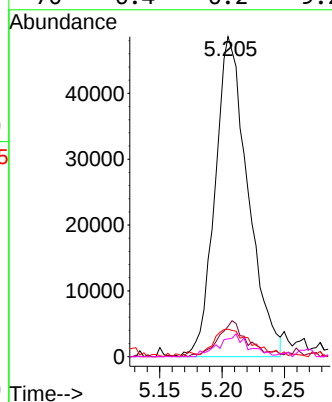
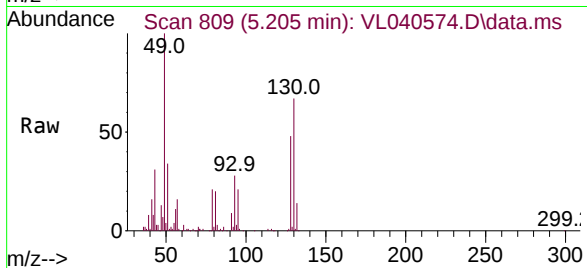
Tgt Ion: 43 Resp: 89220

Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.2	12.4
61	9.1	8.3	12.5
70	6.4	6.2	9.2

Manual Integrations

APPROVED

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



#26

Hexane

Concen: 0.462 ppbv

RT: 5.205 min Scan# 809

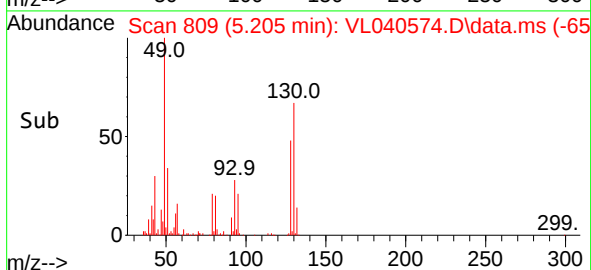
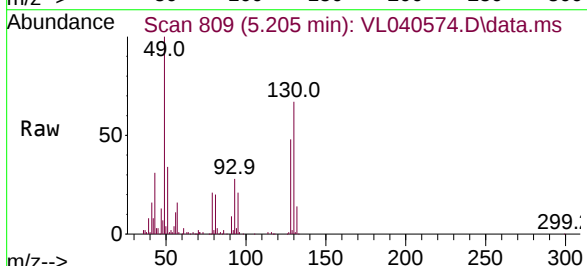
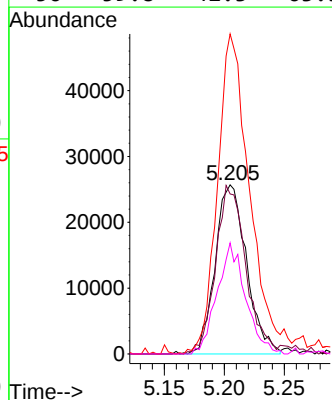
Delta R.T. -0.016 min

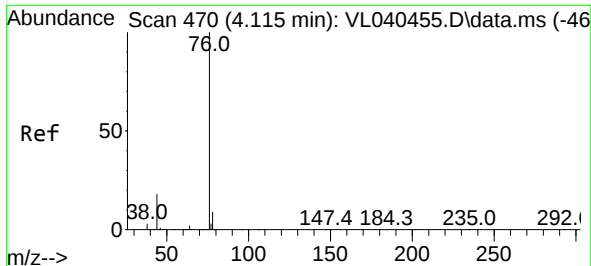
Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Tgt Ion: 57 Resp: 46667

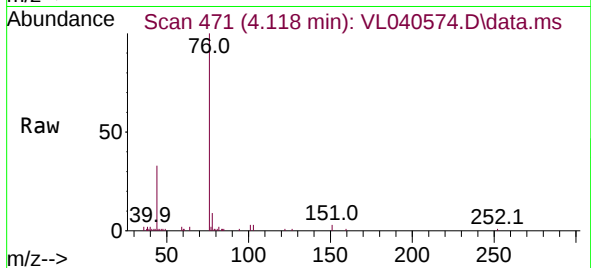
Ion	Ratio	Lower	Upper
57	100		
41	100.9	69.5	104.3
43	207.0	177.1	265.7
56	59.8	42.3	63.5





#27
Carbon Disulfide
Concen: 0.431 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

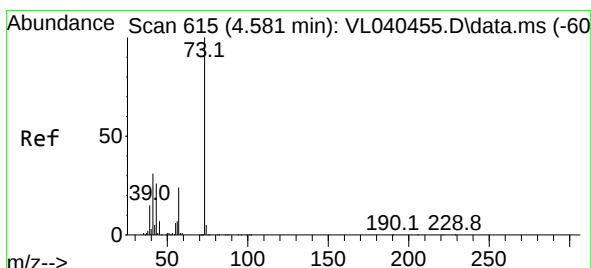
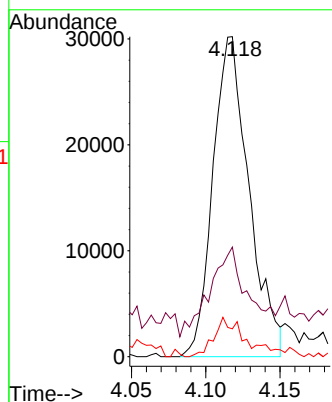
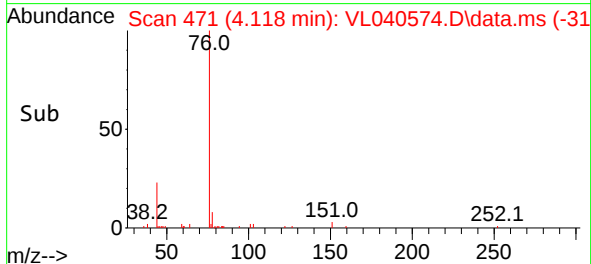
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 76 Resp: 51200
Ion Ratio Lower Upper
76 100
44 27.4 15.1 22.7
78 11.8 7.5 11.3

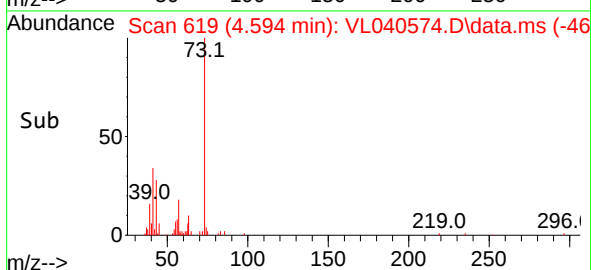
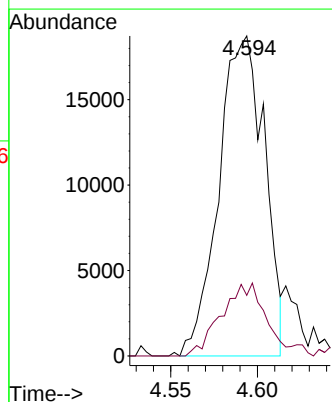
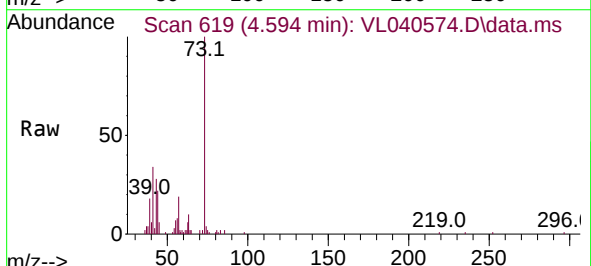
Manual Integrations
APPROVED

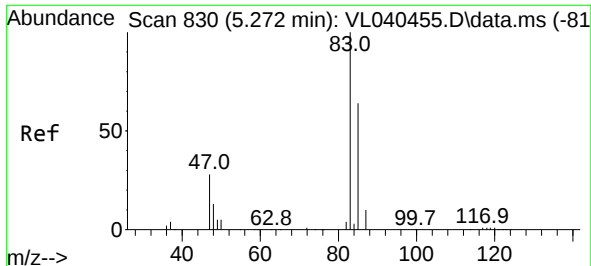
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#28
Methyl tert-Butyl Ether
Concen: 0.422 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.000 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

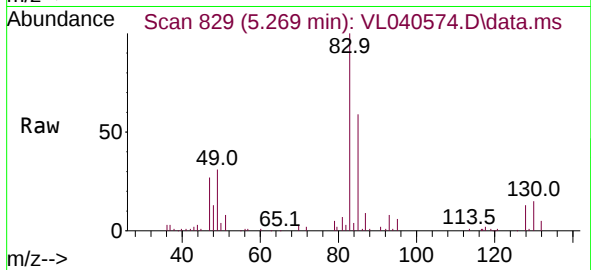
Tgt Ion: 73 Resp: 34345
Ion Ratio Lower Upper
73 100
57 23.1 18.8 28.2





#29
Chloroform
Concen: 0.464 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

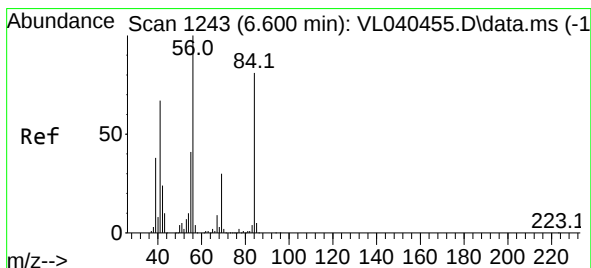
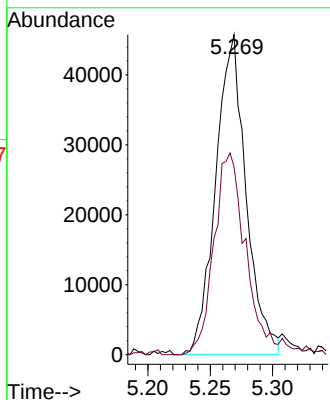
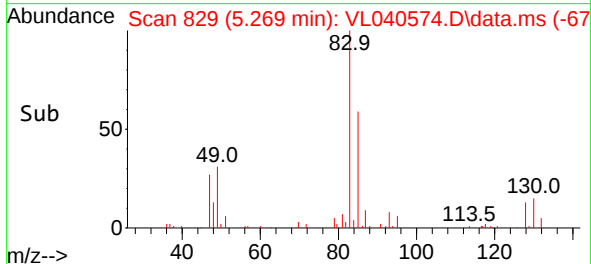
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 83 Resp: 77710
Ion Ratio Lower Upper
83 100
85 58.7 51.1 76.7

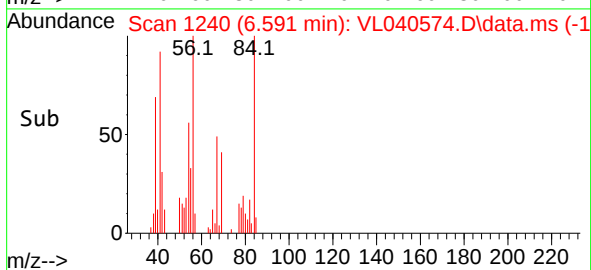
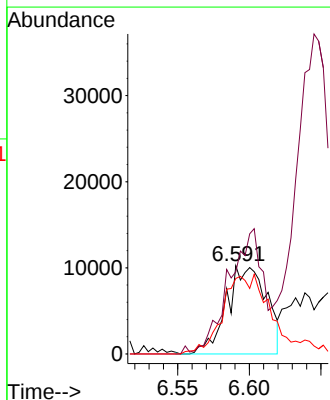
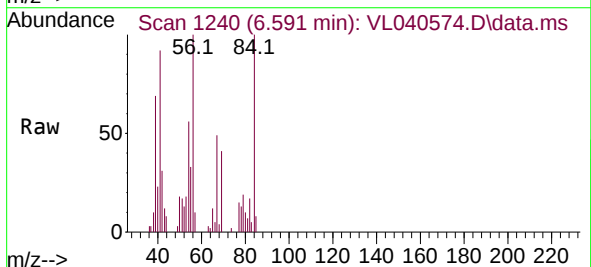
Manual Integrations
APPROVED

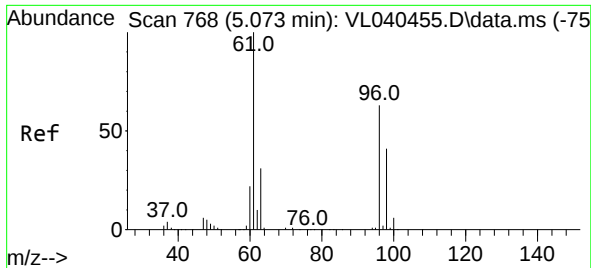
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#30
Cyclohexane
Concen: 0.237 ppbv m
RT: 6.591 min Scan# 1240
Delta R.T. -0.019 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

Tgt Ion: 84 Resp: 19912
Ion Ratio Lower Upper
84 100
56 0.0 108.7 163.1#
41 0.0 64.5 96.7#





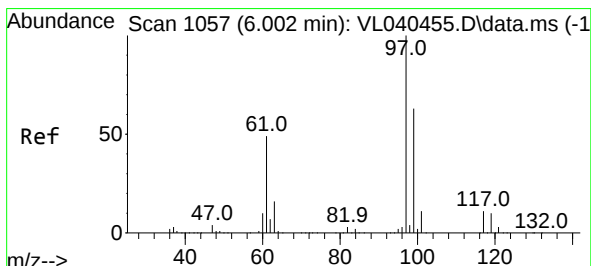
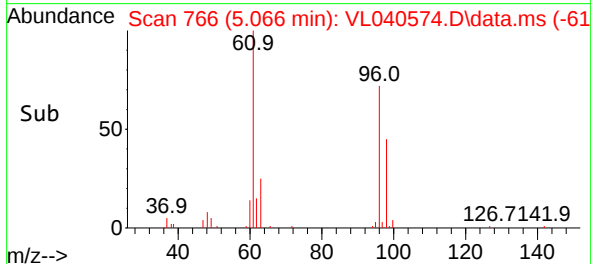
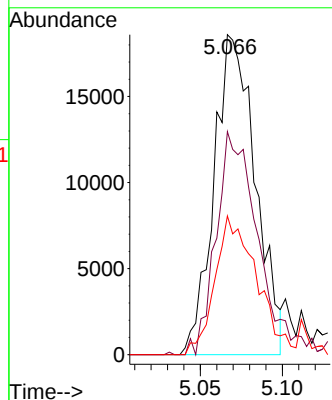
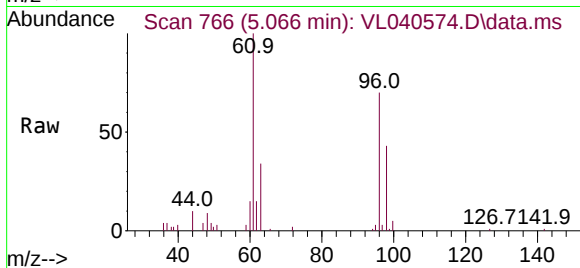
#31
 cis-1,2-Dichloroethene
 Concen: 0.327 ppbv
 RT: 5.066 min Scan# 70
 Delta R.T. -0.019 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

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

Tgt Ion: 61 Resp: 3270
 Ion Ratio Lower Upper
 61 100
 96 60.8 54.7 82.1
 98 37.9 34.6 52.0

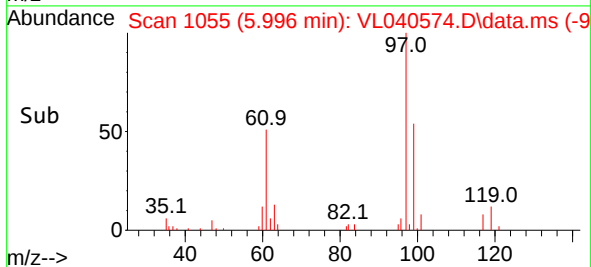
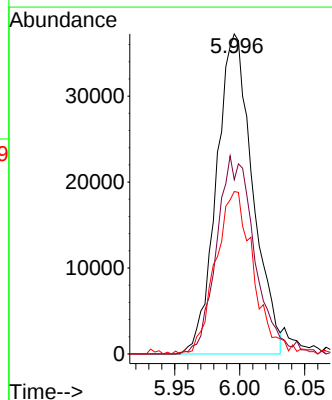
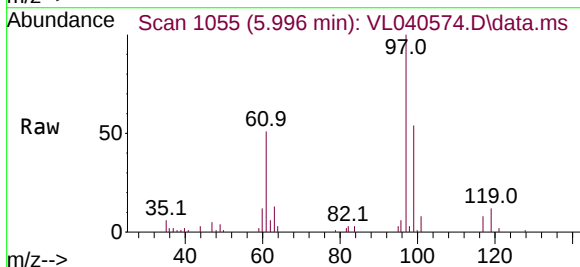
Manual Integrations
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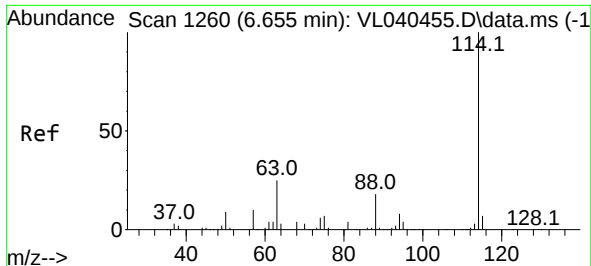
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.440 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

Tgt Ion: 97 Resp: 72197
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 54.1 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

Tgt Ion:114 Resp: 2521204

Ion Ratio Lower Upper

114 100

63 26.6 19.6 29.4

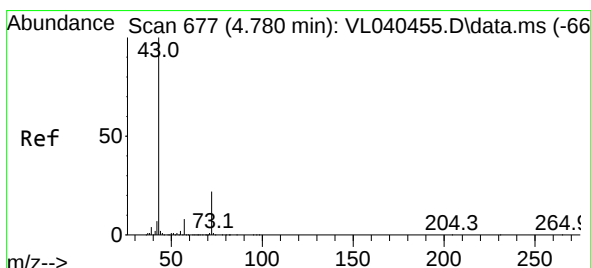
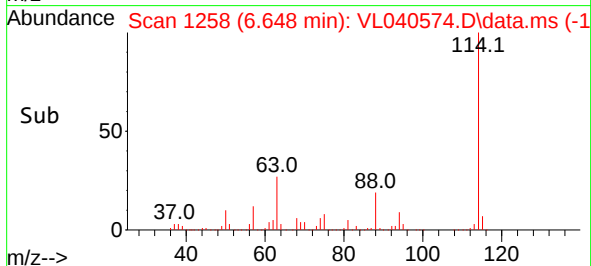
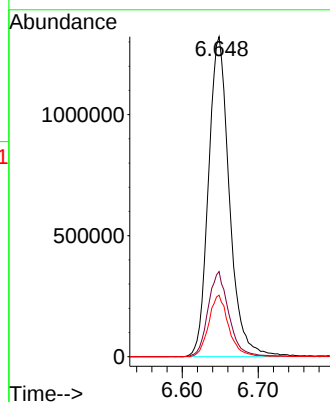
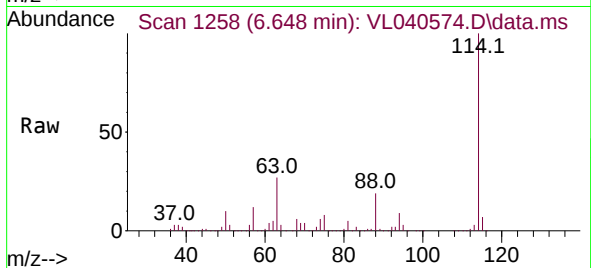
88 18.6 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

2-Butanone

Concen: 0.377 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.003 min

Lab File: VL040574.D

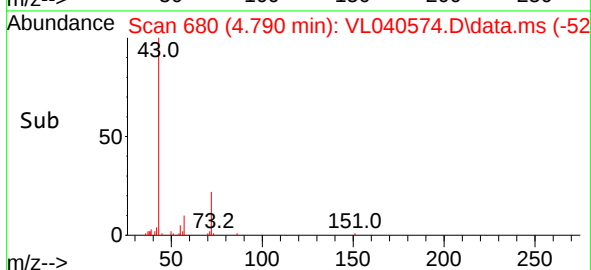
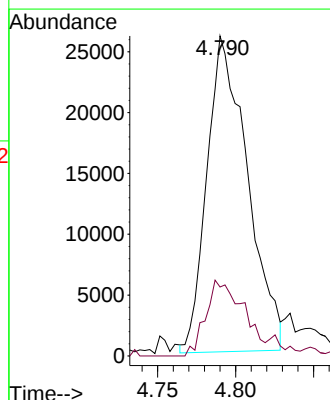
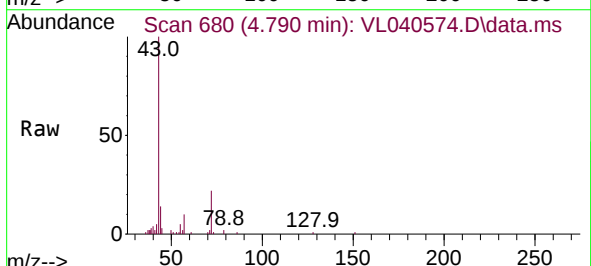
Acq: 31 Jul 2023 15:57

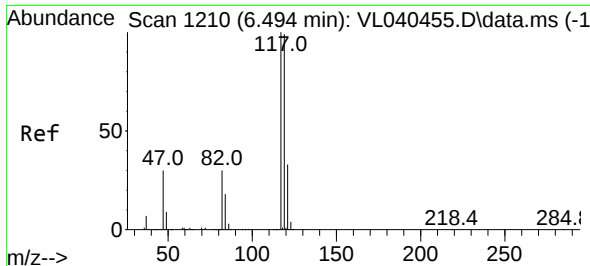
Tgt Ion: 43 Resp: 46940

Ion Ratio Lower Upper

43 100

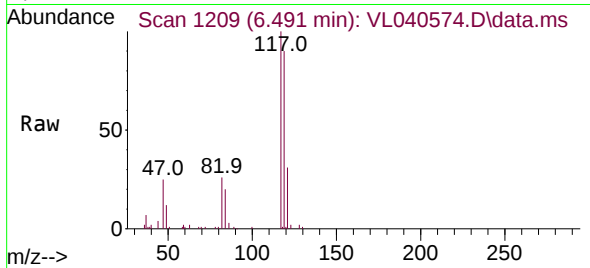
72 26.1 19.1 28.7





#35
Carbon Tetrachloride
Concen: 0.486 ppbv m
RT: 6.491 min Scan# 1170
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

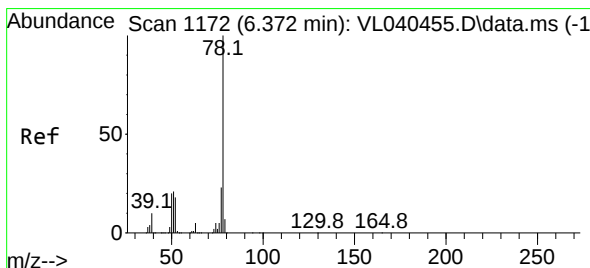
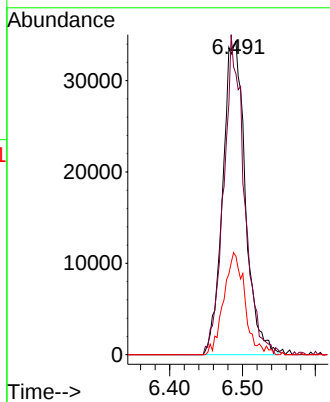
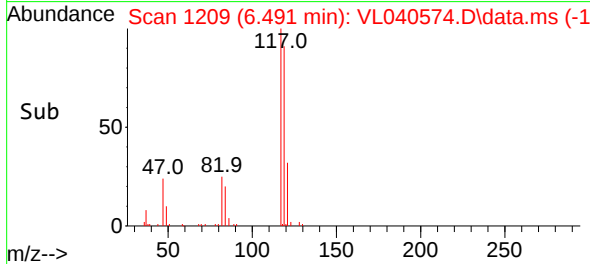
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 117 Resp: 7374
Ion Ratio Lower Upper
117 100
119 89.7 77.8 116.6
121 31.4 24.8 37.2

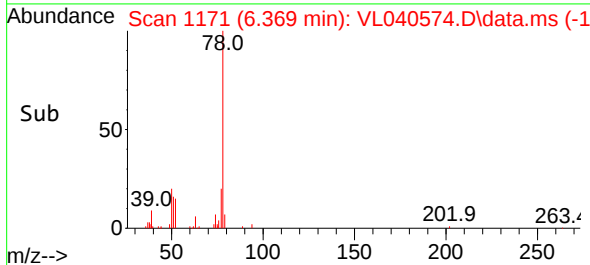
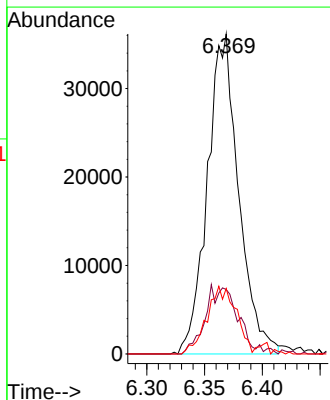
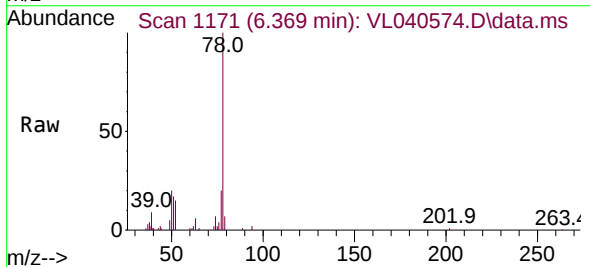
Manual Integrations
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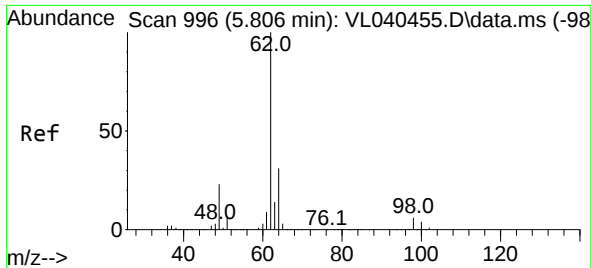
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#36
Benzene
Concen: 0.336 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

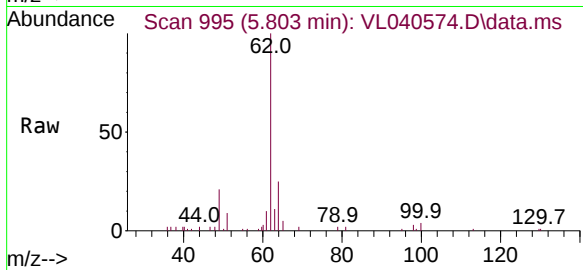
Tgt Ion: 78 Resp: 68197
Ion Ratio Lower Upper
78 100
77 20.2 17.4 26.0
50 20.5 14.4 21.6





#37
1,2-Dichloroethane
Concen: 0.430 ppbv
RT: 5.803 min Scan# 995
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

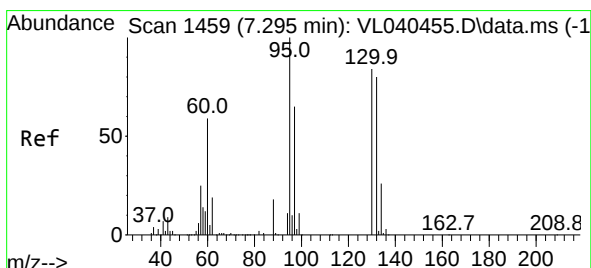
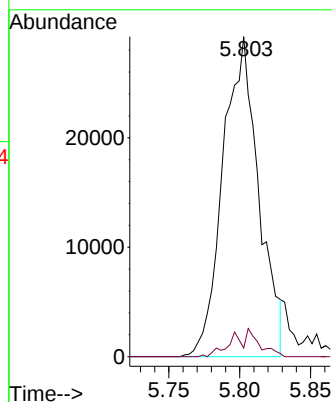
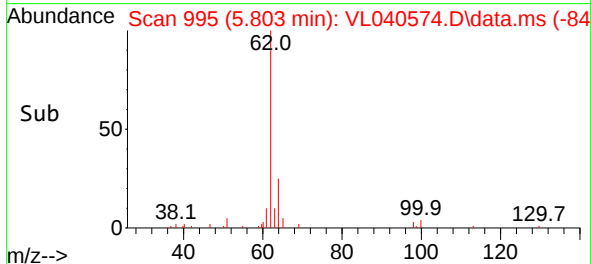
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 62 Resp: 5129
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

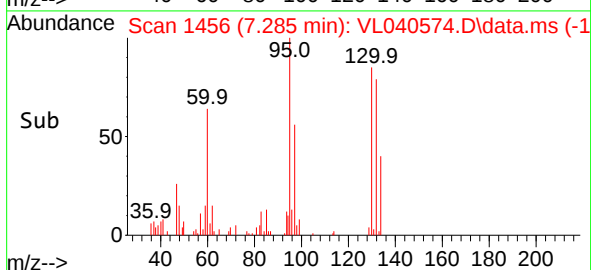
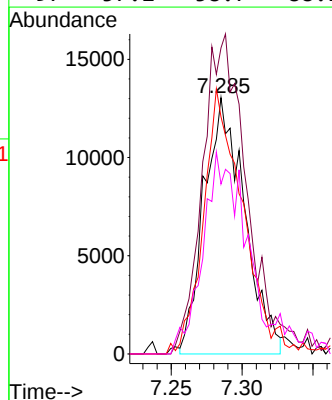
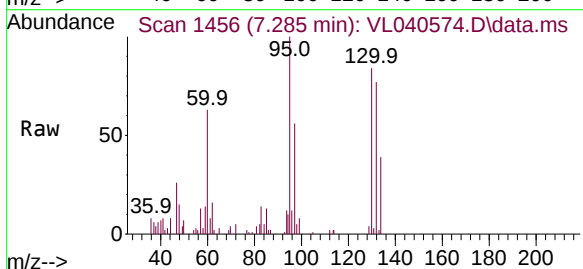
Manual Integrations
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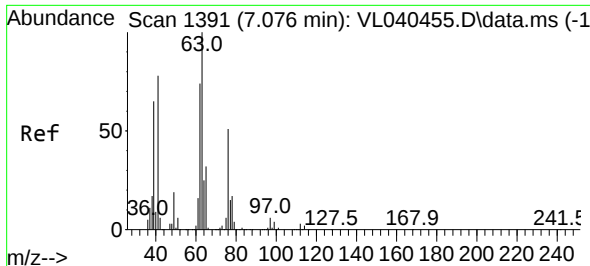
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#38
Trichloroethene
Concen: 0.337 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.019 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

Tgt Ion:130 Resp: 25869
Ion Ratio Lower Upper
130 100
95 113.1 90.2 135.2
132 90.5 76.3 114.5
97 57.2 58.7 88.1#





#39

1,2-Dichloropropane

Concen: 0.399 ppbv m

RT: 7.070 min Scan# 1389

Delta R.T. -0.013 min

Lab File: VL040574.D

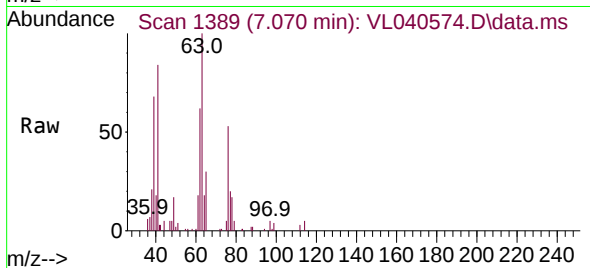
Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023



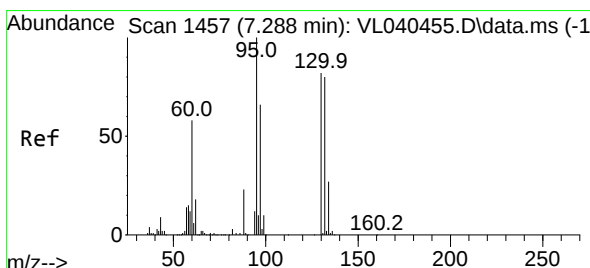
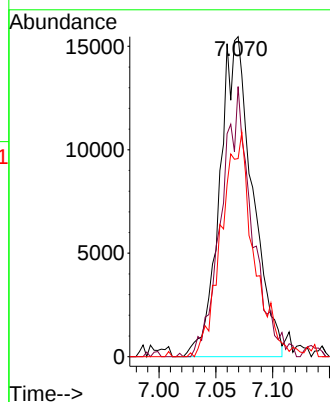
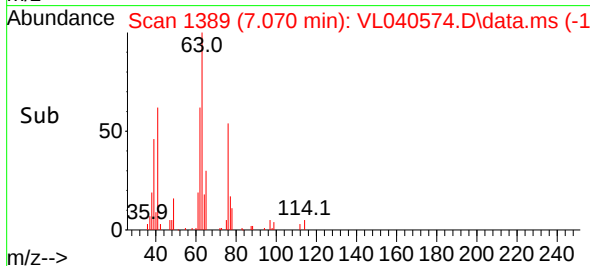
Tgt Ion: 63 Resp: 31179

Ion	Ratio	Lower	Upper
63	100		
41	84.4	54.3	81.5
62	61.9	55.6	83.4

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 0.340 ppbv m

RT: 7.324 min Scan# 1468

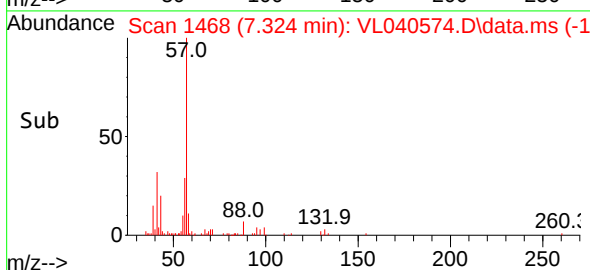
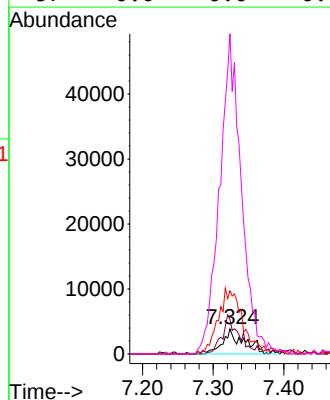
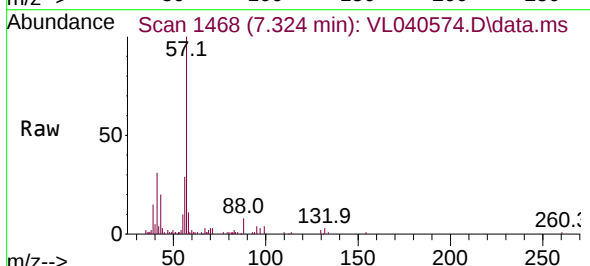
Delta R.T. 0.026 min

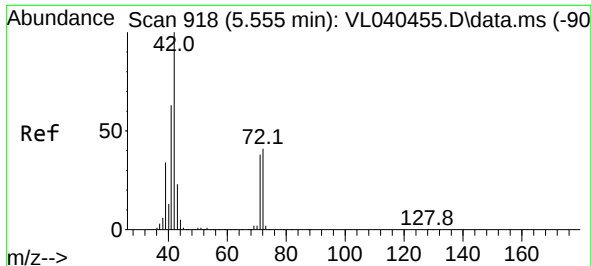
Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Tgt Ion: 88 Resp: 8313

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





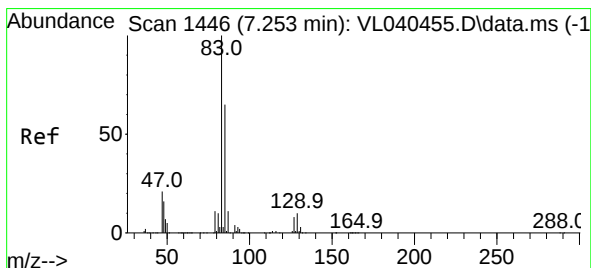
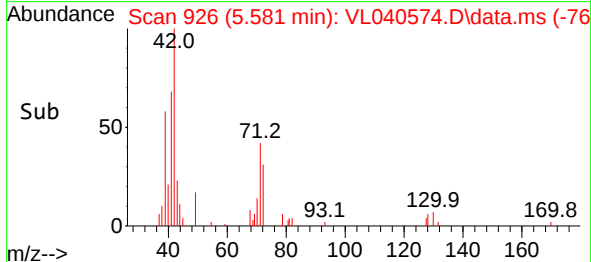
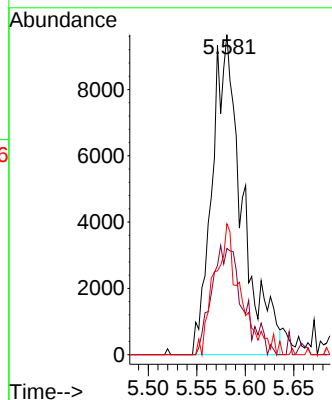
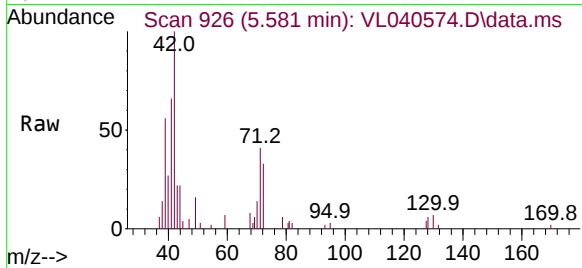
#41
Tetrahydrofuran
Concen: 0.289 ppbv m
RT: 5.581 min Scan# 918
Delta R.T. 0.016 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

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

Tgt Ion: 42 Resp: 21015
Ion Ratio Lower Upper
42 100
72 35.0 33.8 50.8
71 0.0 33.0 49.6

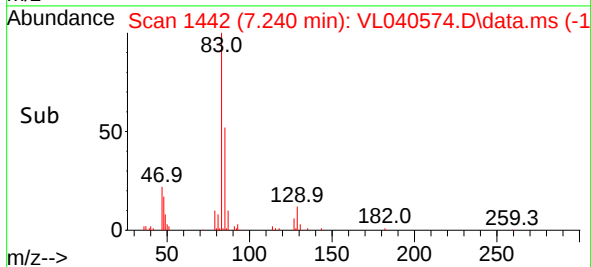
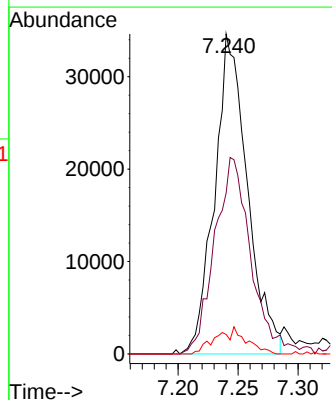
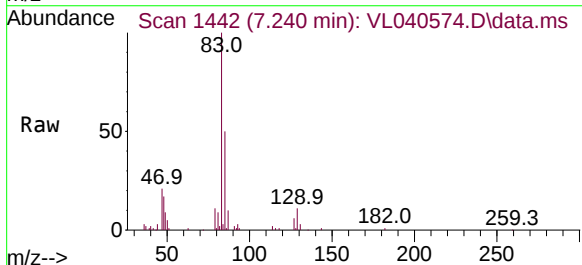
Manual Integrations
APPROVED

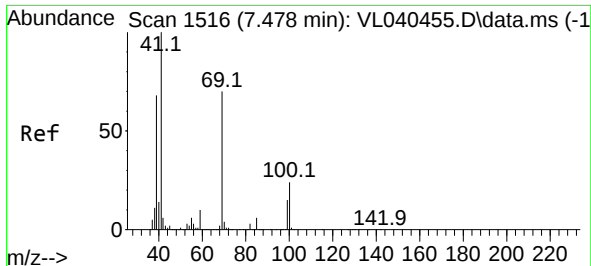
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
Bromodichloromethane
Concen: 0.397 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.019 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

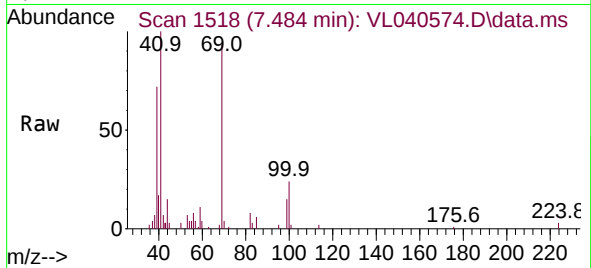
Tgt Ion: 83 Resp: 65877
Ion Ratio Lower Upper
83 100
85 50.3 51.1 76.7#
127 6.1 6.5 9.7#





#43
Methyl Methacrylate
Concen: 0.300 ppbv m
RT: 7.484 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

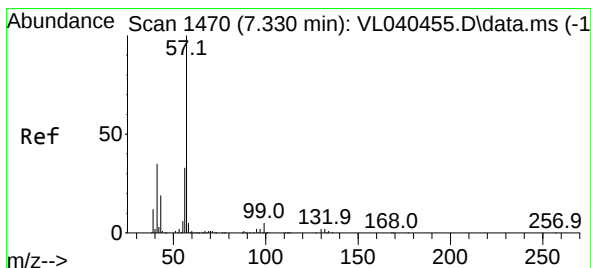
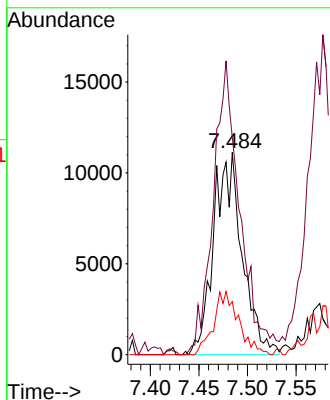
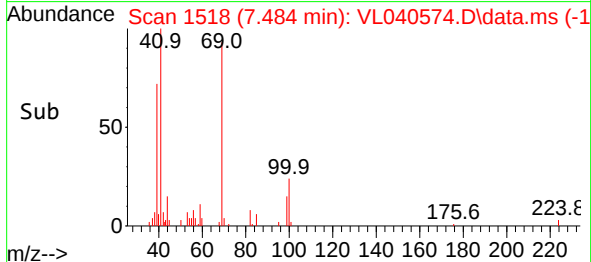
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 69 Resp: 2274
Ion Ratio Lower Upper
69 100
41 0.0 111.7 167.5
100 0.0 26.9 40.3

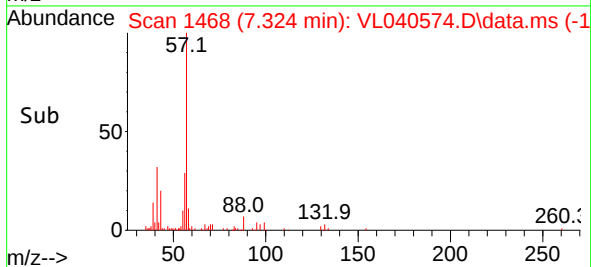
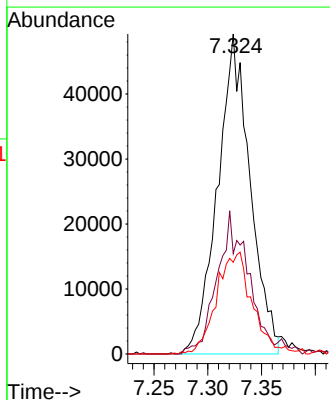
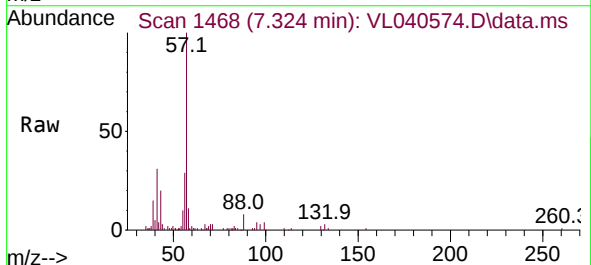
Manual Integrations
APPROVED

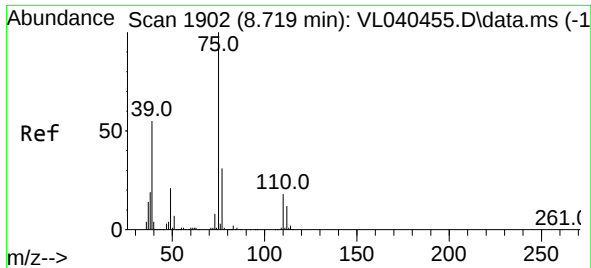
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#44
2,2,4-Trimethylpentane
Concen: 0.318 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

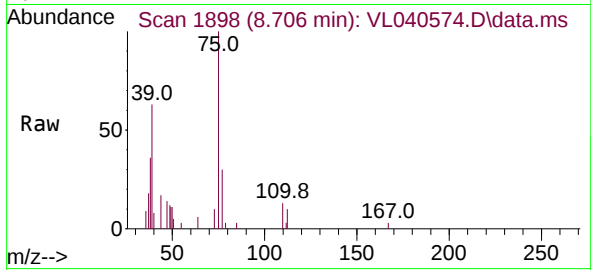
Tgt Ion: 57 Resp: 103667
Ion Ratio Lower Upper
57 100
41 44.2 25.5 38.3
56 35.6 25.1 37.7





#45
 t-1,3-Dichloropropene
 Concen: 0.261 ppbv m
 RT: 8.706 min Scan# 11
 Delta R.T. -0.016 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

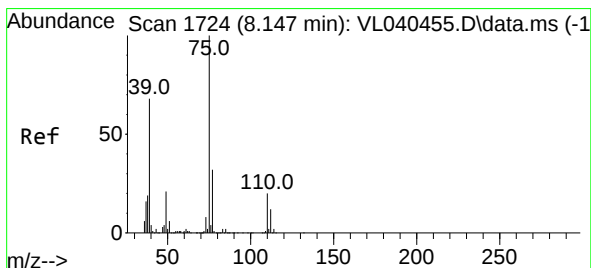
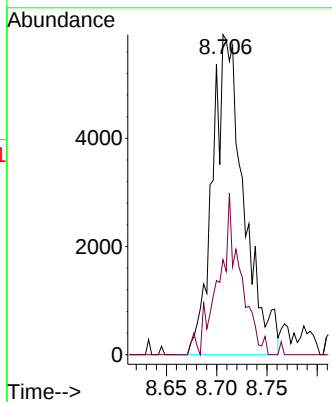
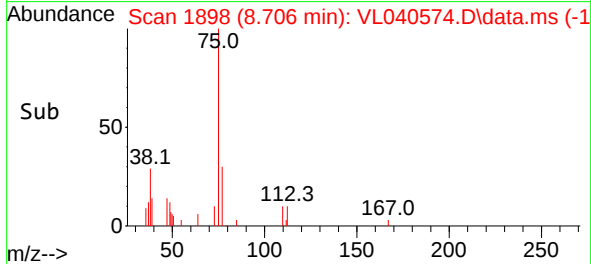
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



Tgt Ion: 75 Resp: 12728
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.0 39.0

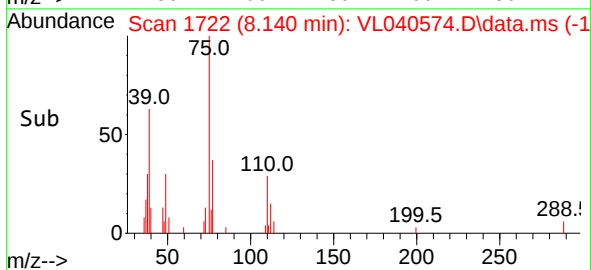
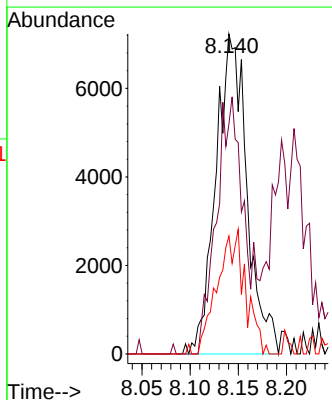
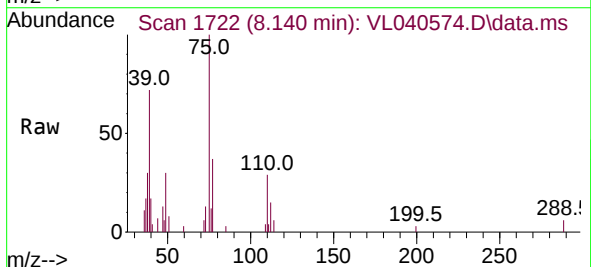
Manual Integrations
 APPROVED

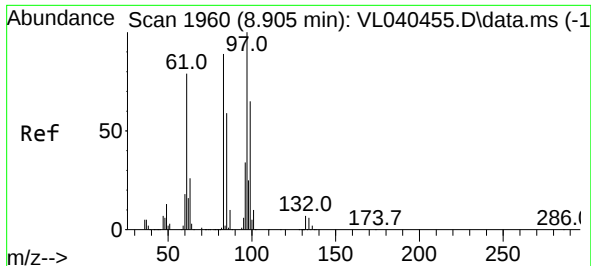
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#46
 cis-1,3-Dichloropropene
 Concen: 0.260 ppbv m
 RT: 8.140 min Scan# 1722
 Delta R.T. -0.013 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

Tgt Ion: 75 Resp: 16248
 Ion Ratio Lower Upper
 75 100
 39 71.9 48.0 72.0
 77 36.8 24.0 36.0#





#47

1,1,2-Trichloroethane

Concen: 0.375 ppbv m

RT: 8.896 min Scan# 1960

Delta R.T. -0.013 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

Tgt Ion: 97 Resp: 3230

Ion Ratio Lower Upper

97 100

83 78.9 73.4 110.0

85 49.0 46.6 70.0

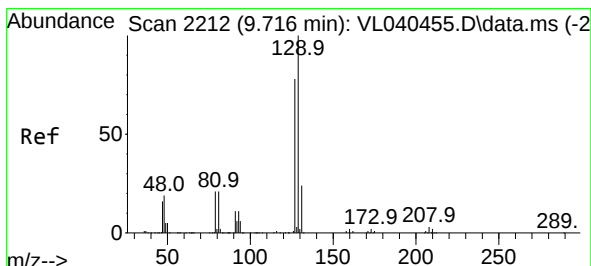
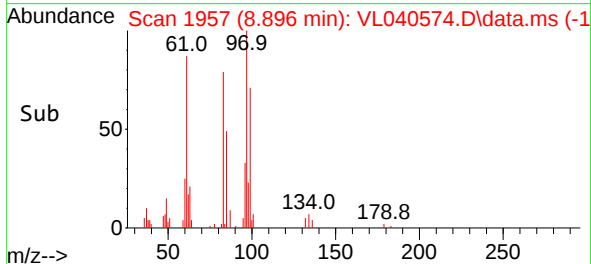
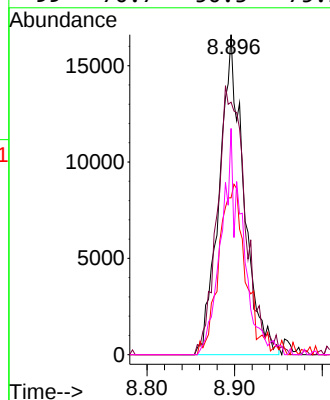
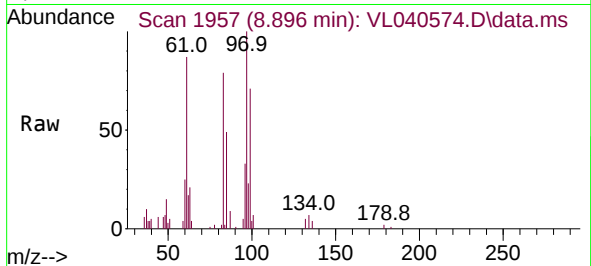
99 70.7 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#48

Dibromochloromethane

Concen: 0.362 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.016 min

Lab File: VL040574.D

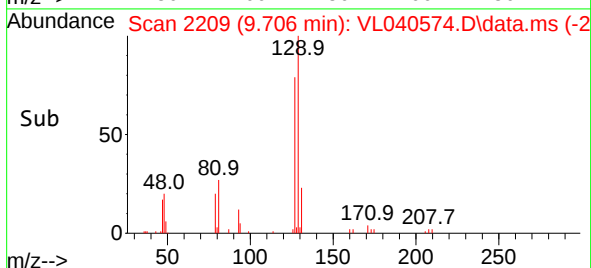
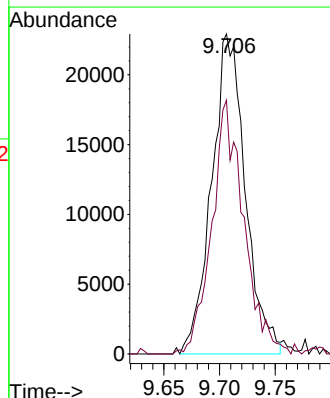
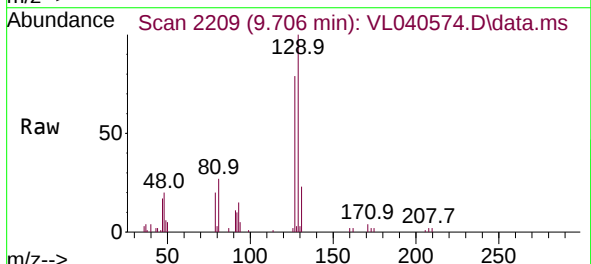
Acq: 31 Jul 2023 15:57

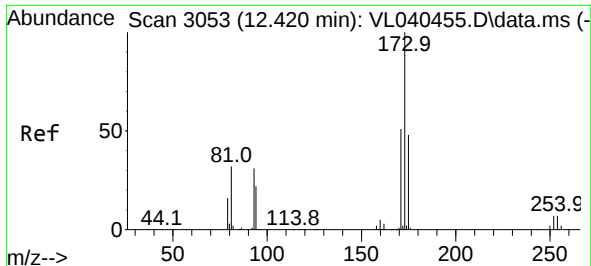
Tgt Ion:129 Resp: 48164

Ion Ratio Lower Upper

129 100

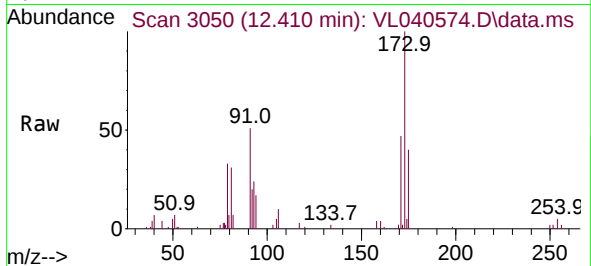
127 76.2 39.1 117.3





#49
Bromoform
Concen: 0.351 ppbv m
RT: 12.410 min Scan# 3053
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

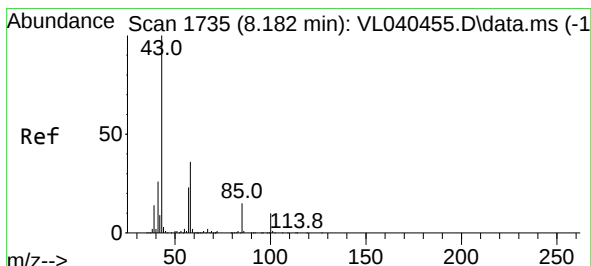
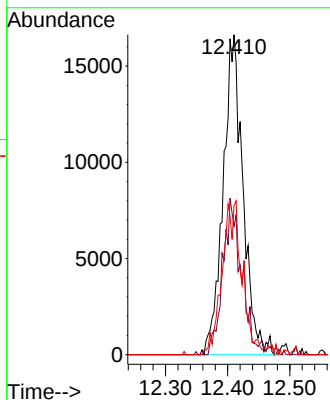
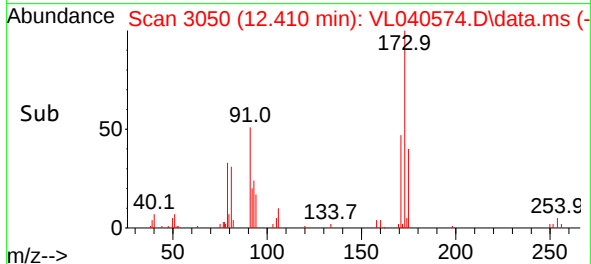
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 173 Resp: 37020
Ion Ratio Lower Upper
173 100
175 47.5 39.5 59.3
171 0.0 42.2 63.4

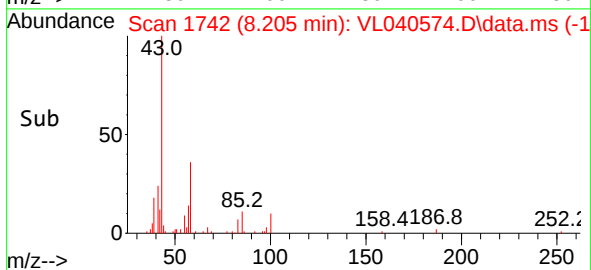
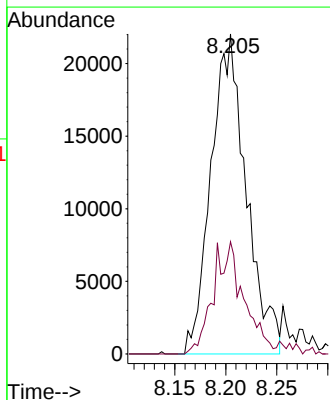
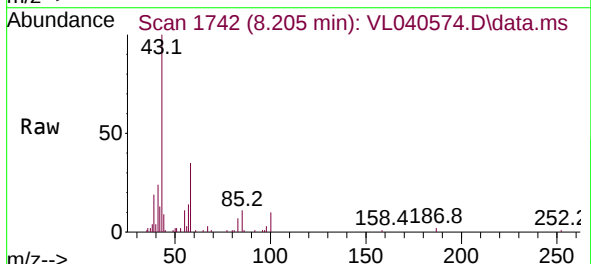
Manual Integrations
APPROVED

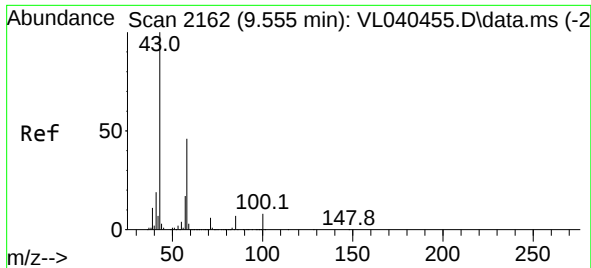
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#50
4-Methyl-2-Pentanone
Concen: 0.292 ppbv m
RT: 8.205 min Scan# 1742
Delta R.T. 0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

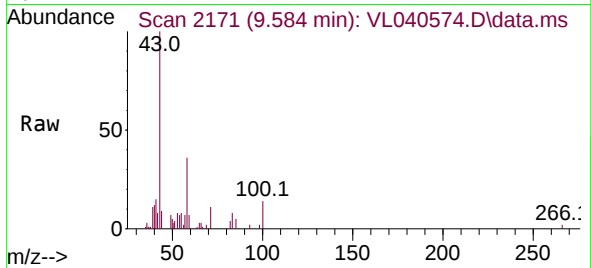
Tgt Ion: 43 Resp: 52938
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2





#51
2-Hexanone
Concen: 0.248 ppbv m
RT: 9.584 min Scan# 2162
Delta R.T. 0.023 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

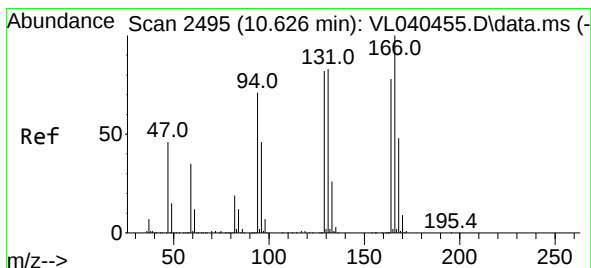
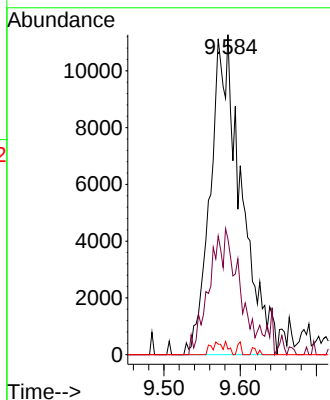
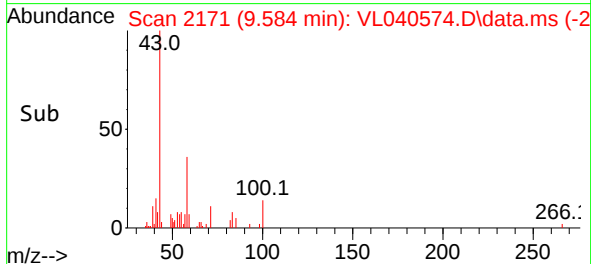
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 43 Resp: 31749
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5
98 0.0 0.3 0.5

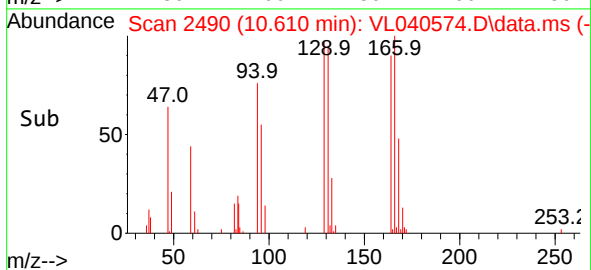
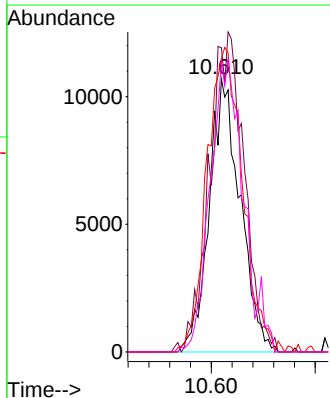
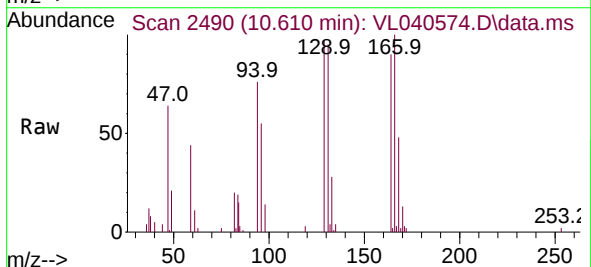
Manual Integrations
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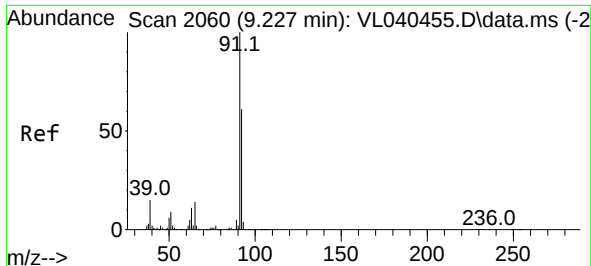
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Tetrachloroethene
Concen: 0.338 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.016 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

Tgt Ion:164 Resp: 22221
Ion Ratio Lower Upper
164 100
166 111.6 103.9 155.9
129 106.1 84.6 126.8
131 106.3 82.9 124.3





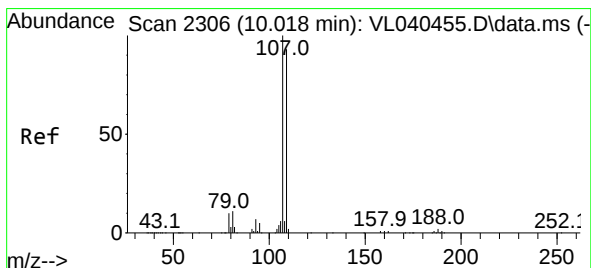
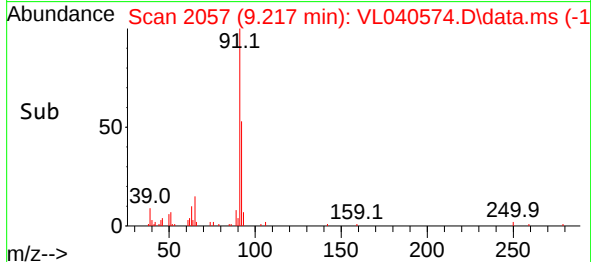
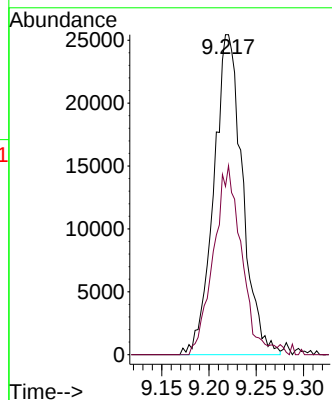
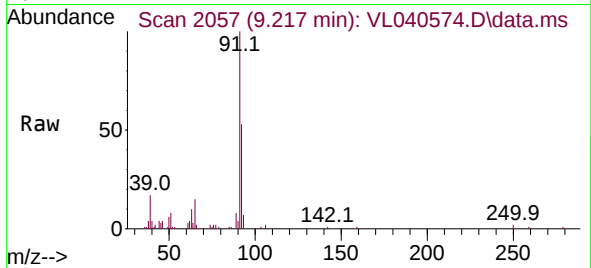
#53
Toluene
Concen: 0.244 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

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

Tgt Ion: 91 Resp: 5383
Ion Ratio Lower Upper
91 100
92 58.6 49.1 73.7

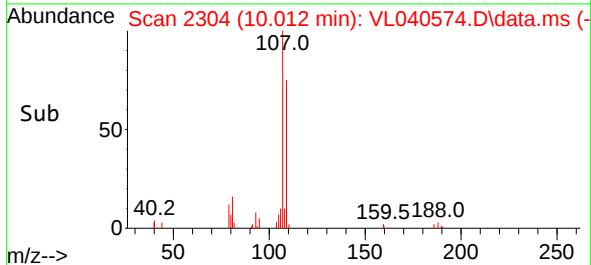
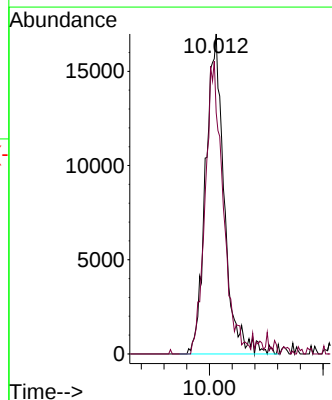
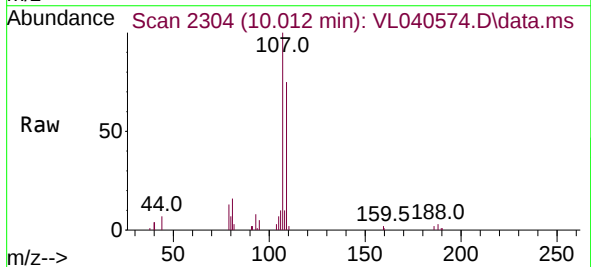
Manual Integrations
APPROVED

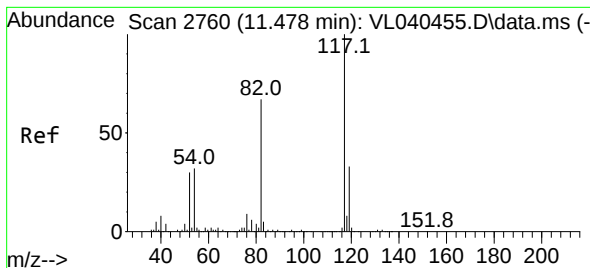
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
1,2-Dibromoethane
Concen: 0.361 ppbv m
RT: 10.012 min Scan# 2304
Delta R.T. -0.010 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

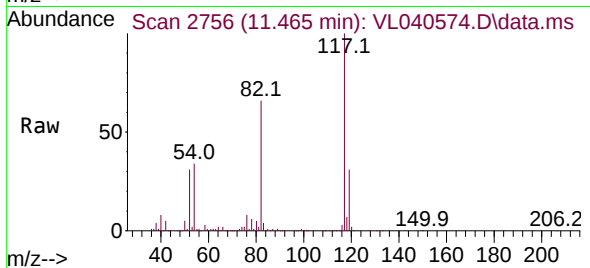
Tgt Ion:107 Resp: 38637
Ion Ratio Lower Upper
107 100
109 75.4 75.4 113.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2146728
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

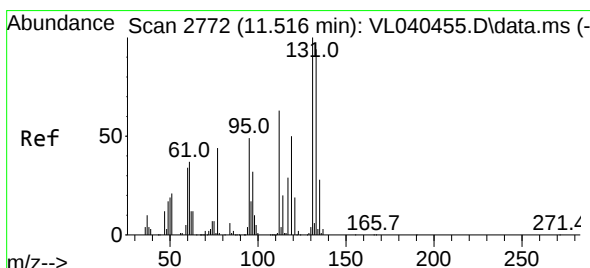
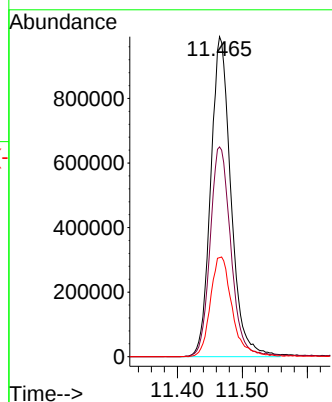
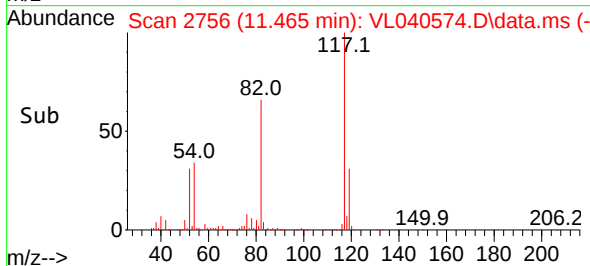
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



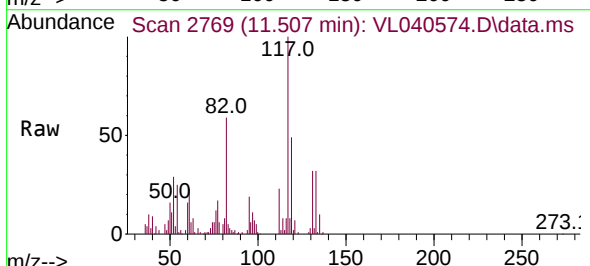
Tgt Ion:117 Resp: 2146728
Ion Ratio Lower Upper
117 100
82 67.7 50.2 75.4
119 33.8 26.9 40.3

Manual Integrations
APPROVED

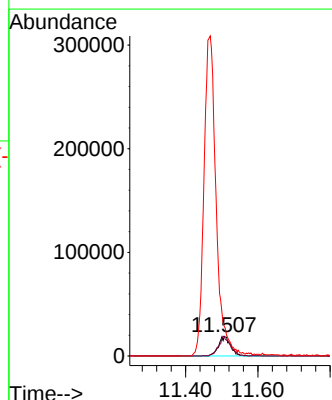
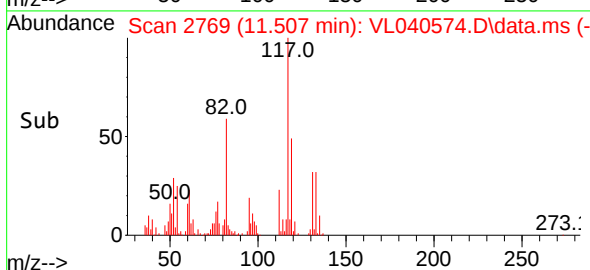
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

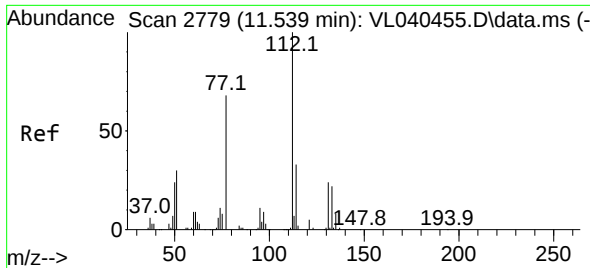


#56
1,1,1,2-Tetrachloroethane
Concen: 0.449 ppbv m
RT: 11.507 min Scan# 2769
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57



Tgt Ion:131 Resp: 43149
Ion Ratio Lower Upper
131 100
133 100.2 76.3 114.5
119 0.0 51.1 76.7#





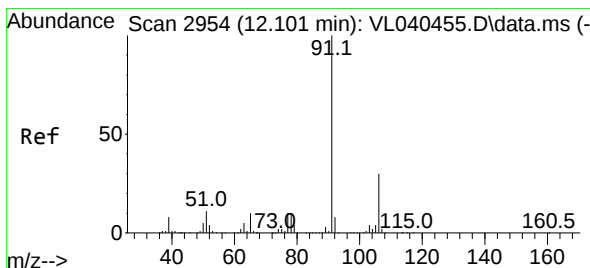
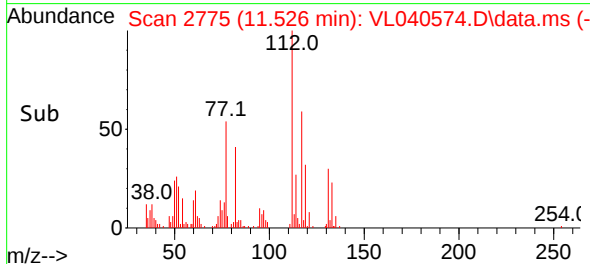
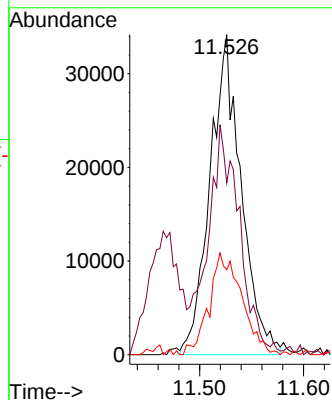
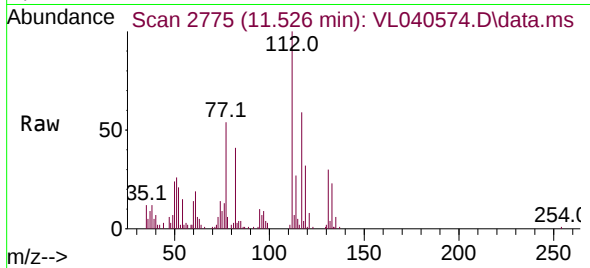
#57
Chlorobenzene
Concen: 0.425 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. -0.010 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

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

Tgt Ion:112 Resp: 71130
Ion Ratio Lower Upper
112 100
77 51.1 51.0 76.6
114 26.9 28.3 34.5

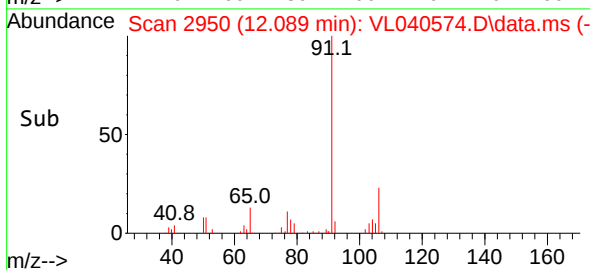
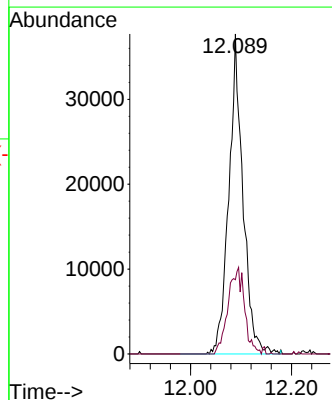
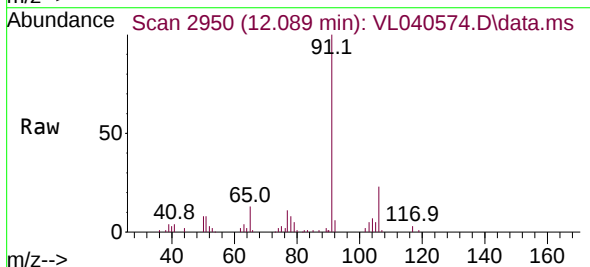
Manual Integrations
APPROVED

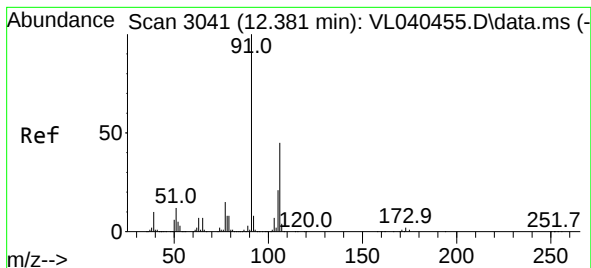
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#58
Ethyl Benzene
Concen: 0.271 ppbv m
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

Tgt Ion: 91 Resp: 73047
Ion Ratio Lower Upper
91 100
106 23.2 25.4 38.0#





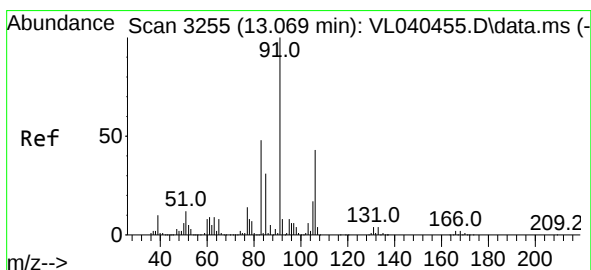
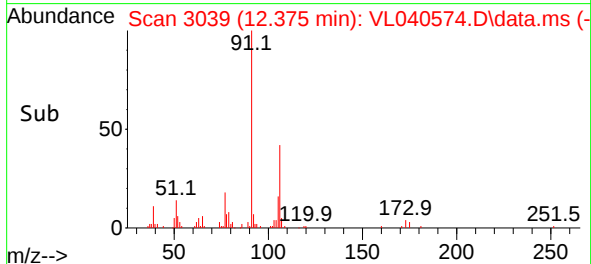
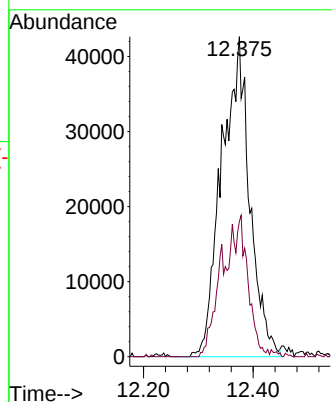
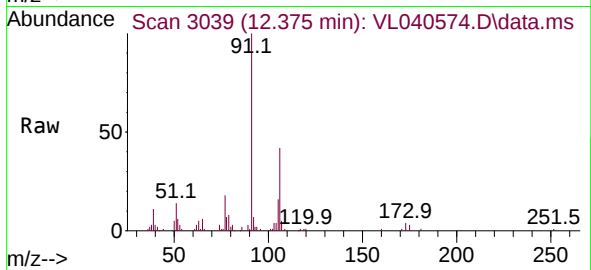
#59
m/p-Xylene
Concen: 0.628 ppbv m
RT: 12.375 min Scan# 3041
Delta R.T. -0.010 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

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

Tgt Ion: 91 Resp: 15105
Ion Ratio Lower Upper
91 100
106 0.0 35.9 53.9

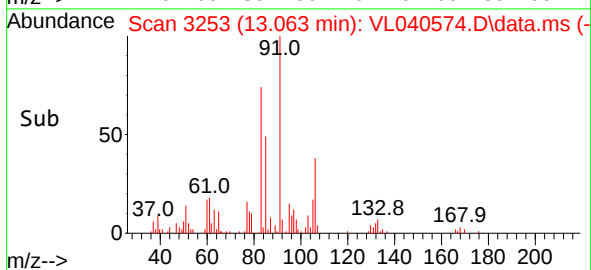
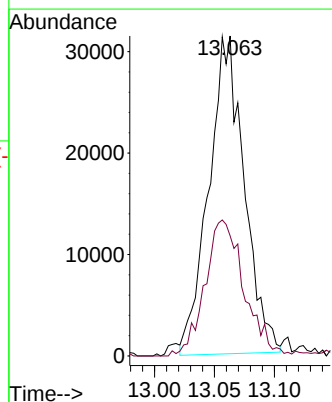
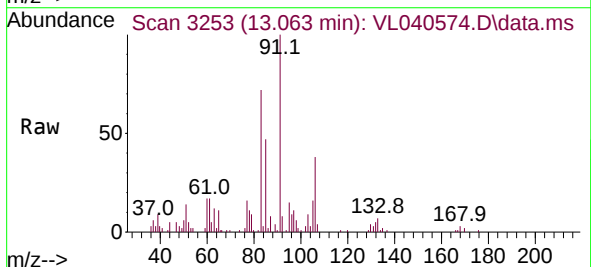
Manual Integrations
APPROVED

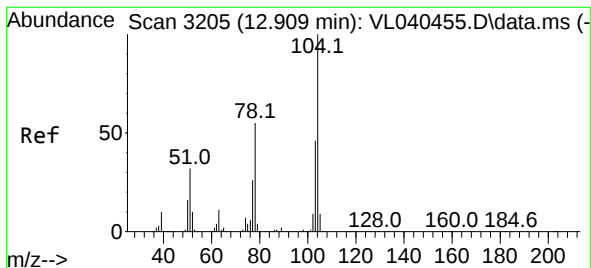
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
o-Xylene
Concen: 0.282 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.006 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

Tgt Ion: 91 Resp: 64543
Ion Ratio Lower Upper
91 100
106 47.4 22.7 68.0





#61

Styrene

Concen: 0.200 ppbv m

RT: 12.899 min Scan# 3205

Delta R.T. -0.013 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

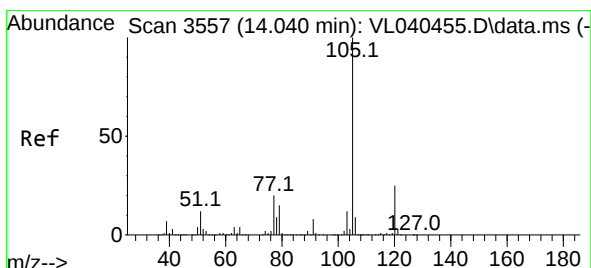
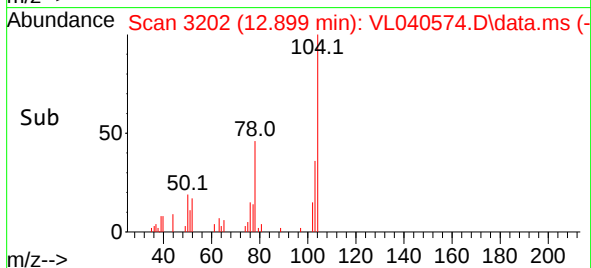
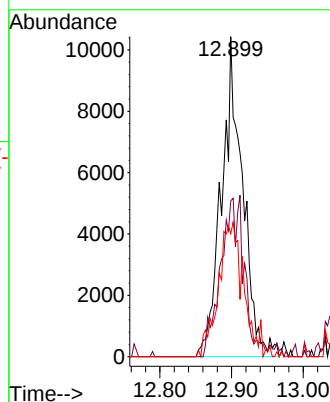
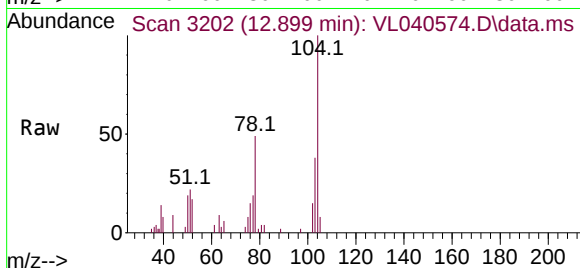
MDL-AIR-03-QT3-2023

Tgt Ion:104	Resp:	2116
Ion Ratio	Lower	Upper
104	100	
78	0.0	40.1
103	0.0	37.0

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



#62

Isopropylbenzene

Concen: 0.338 ppbv m

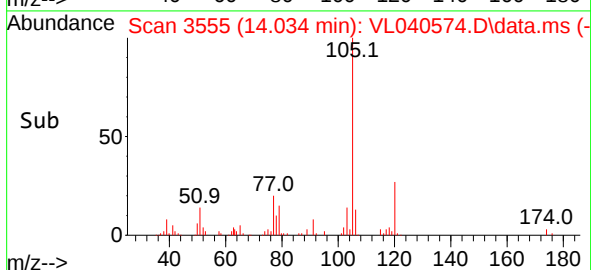
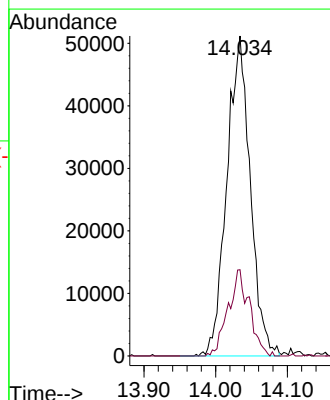
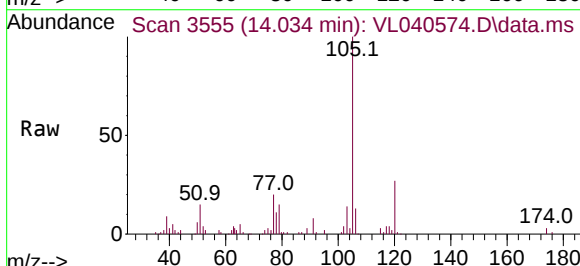
RT: 14.034 min Scan# 3555

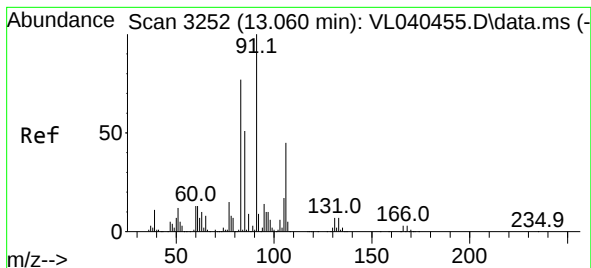
Delta R.T. -0.006 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Tgt Ion:105	Resp:	116119
Ion Ratio	Lower	Upper
105	100	
120	0.0	20.8





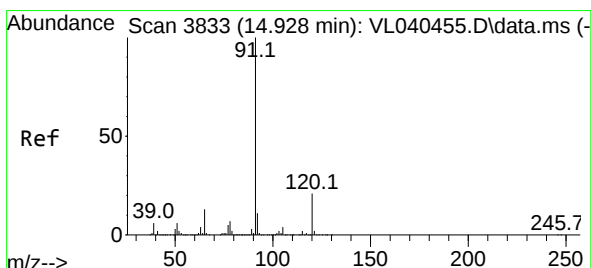
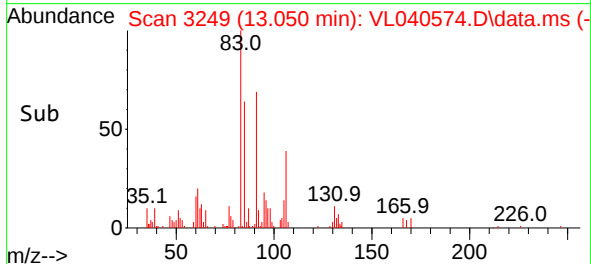
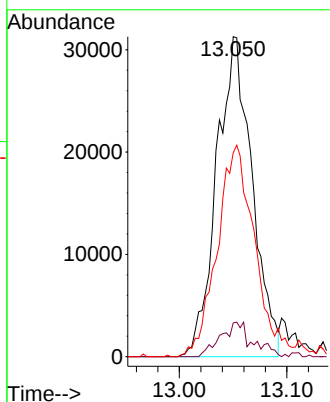
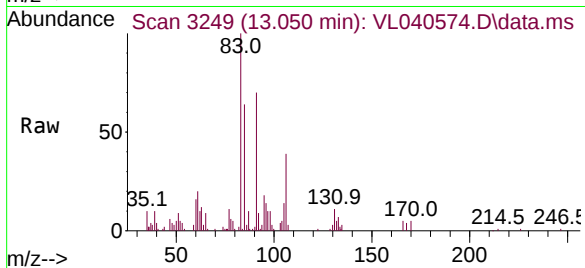
#63
1,1,2,2-Tetrachloroethane
Concen: 0.446 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

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

Tgt Ion: 83 Resp: 71519
Ion Ratio Lower Upper
83 100
131 10.1 4.6 13.8
85 72.6 32.8 98.3

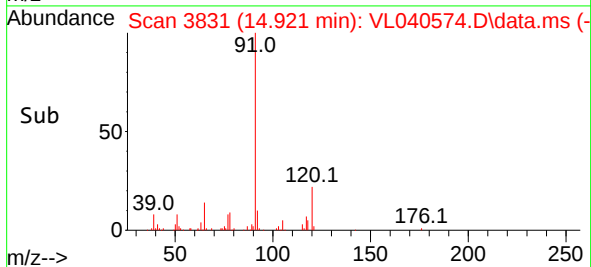
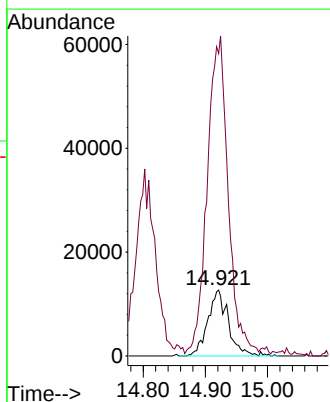
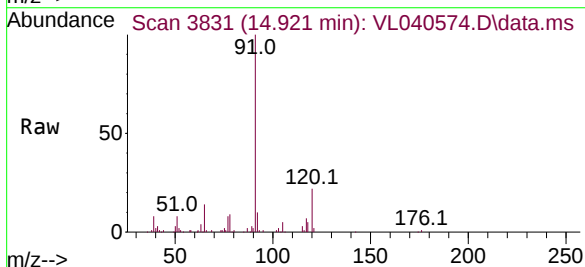
Manual Integrations
APPROVED

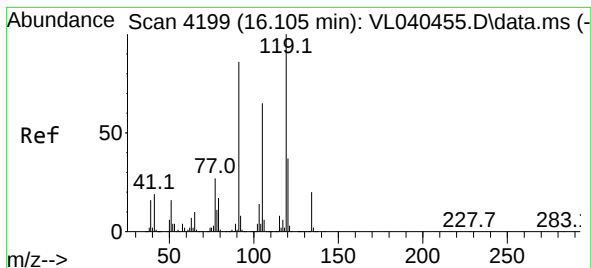
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#64
n-propylbenzene
Concen: 0.330 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

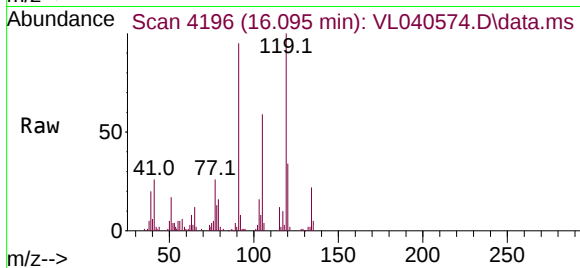
Tgt Ion:120 Resp: 29346
Ion Ratio Lower Upper
120 100
91 488.7 374.3 561.5





#65
tert-Butylbenzene
Concen: 0.320 ppbv m
RT: 16.095 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

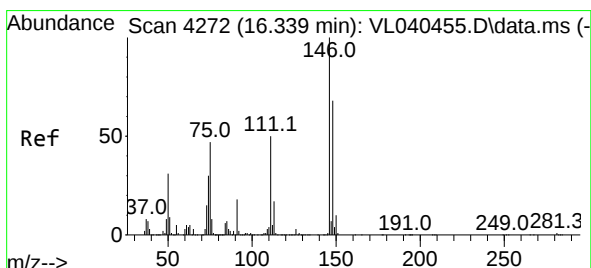
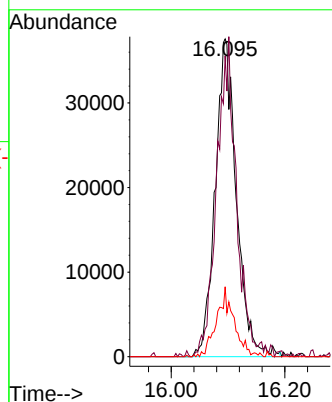
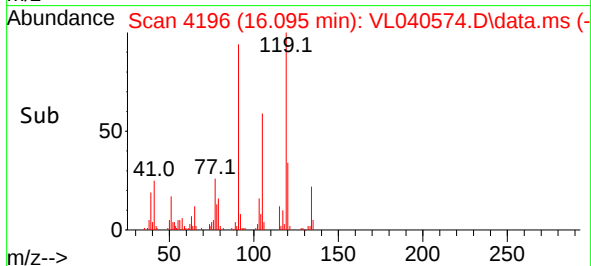
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



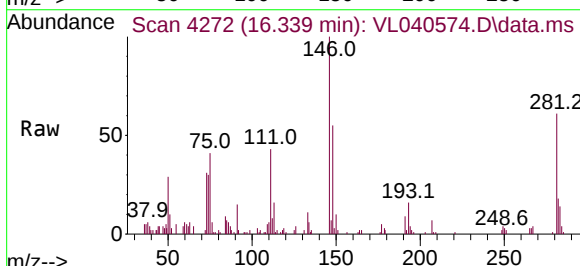
Tgt Ion: 119 Resp: 97258
Ion Ratio Lower Upper
119 100
91 0.0 66.1 99.1#
134 18.5 15.7 23.5#

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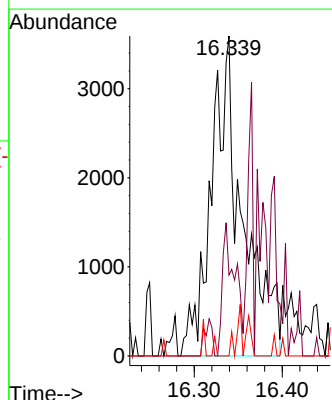
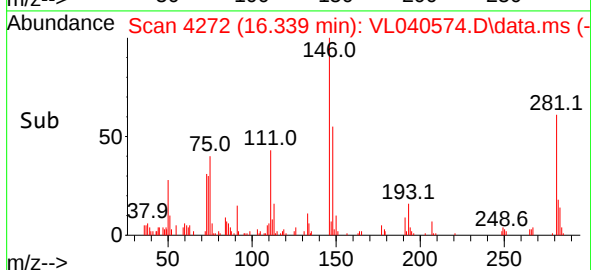
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

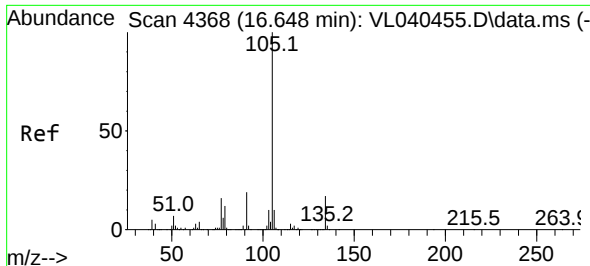


#66
Benzyl Chloride
Concen: 0.413 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. 0.003 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57



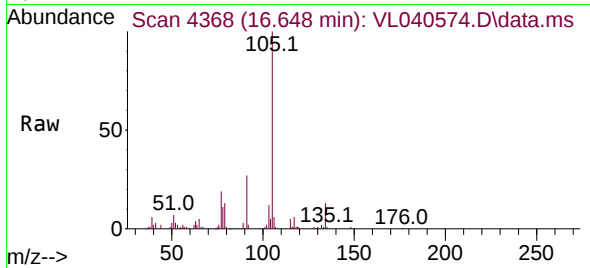
Tgt Ion: 91 Resp: 8871
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 1.4 4.5 6.7#





#67
 sec-Butylbenzene
 Concen: 0.336 ppbv m
 RT: 16.648 min Scan# 4368
 Delta R.T. 0.000 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57

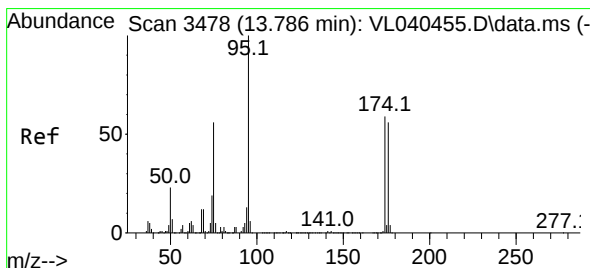
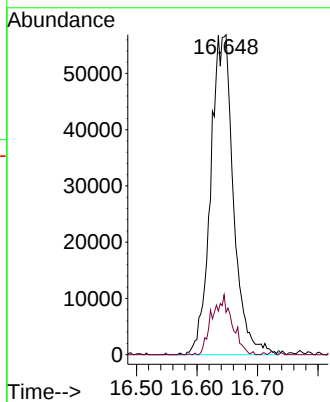
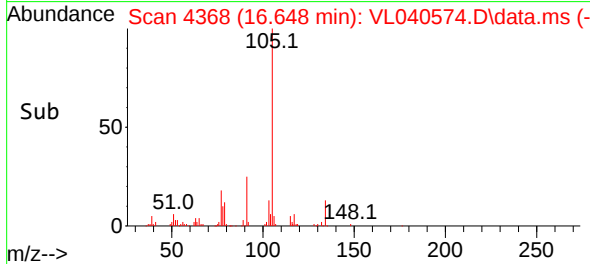
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



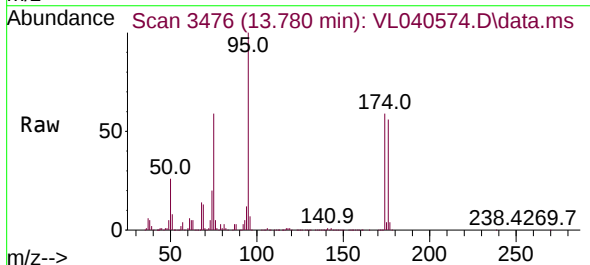
Tgt Ion:105 Resp: 149902
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6

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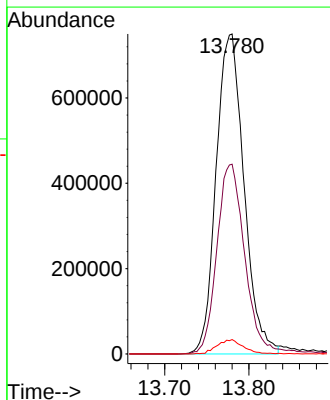
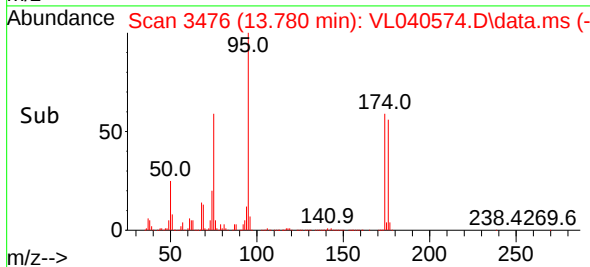
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

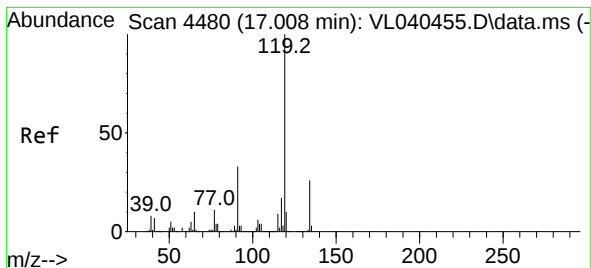


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.120 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL040574.D
 Acq: 31 Jul 2023 15:57



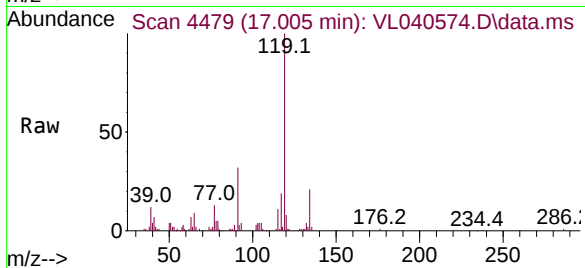
Tgt Ion: 95 Resp: 1719354
 Ion Ratio Lower Upper
 95 100
 174 60.1 50.6 75.8
 175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.283 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

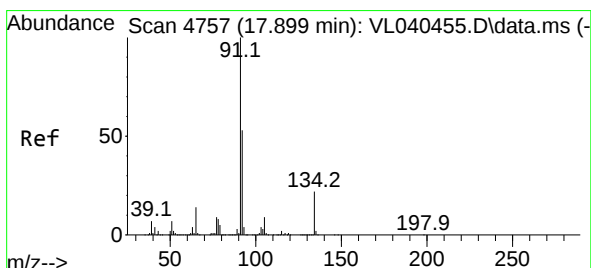
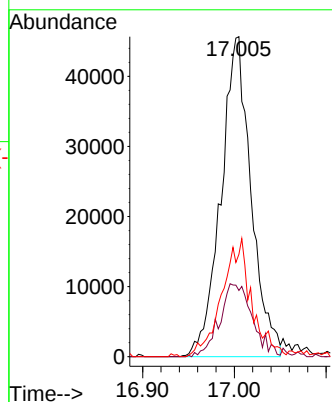
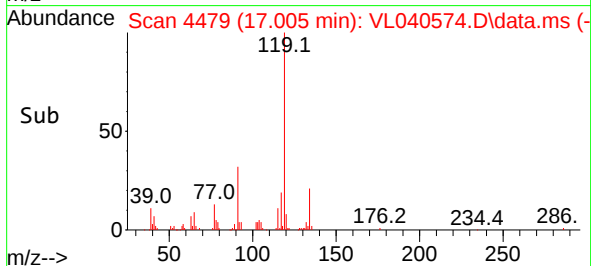
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



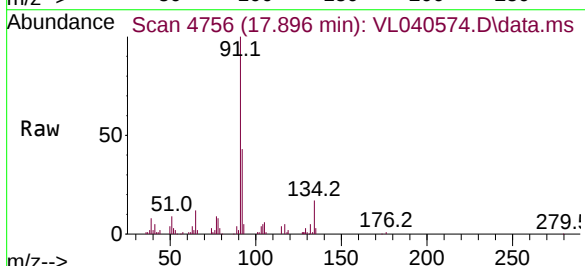
Tgt Ion:119 Resp: 104350
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 37.8 23.8 35.8

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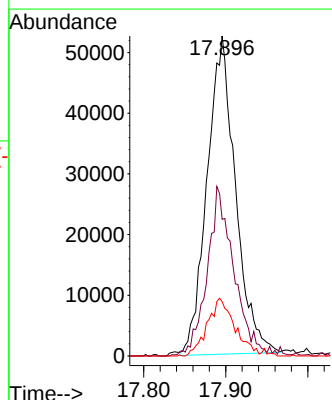
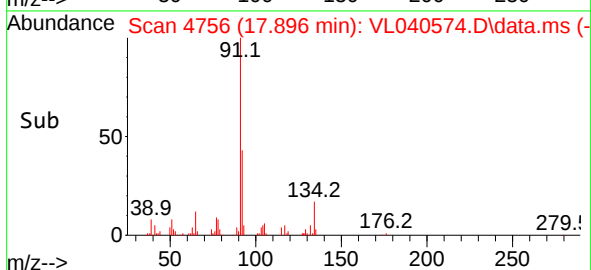
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

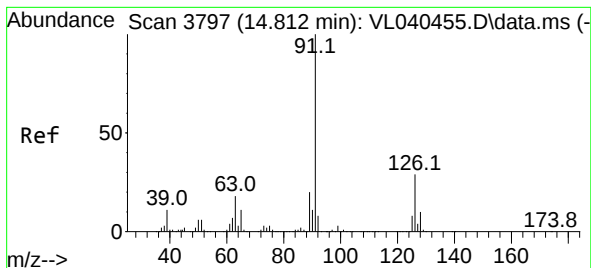


#70
n-Butylbenzene
Concen: 0.307 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. 0.000 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57



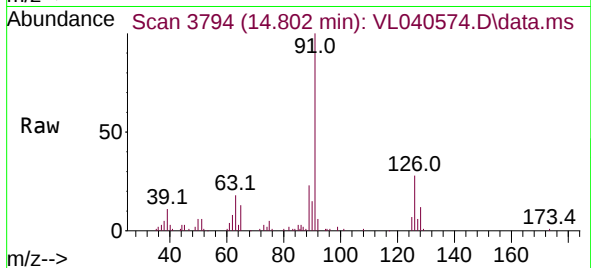
Tgt Ion: 91 Resp: 126248
Ion Ratio Lower Upper
91 100
92 51.0 43.4 65.0
134 18.0 18.1 27.1





#71
2-Chlorotoluene
Concen: 0.288 ppbv
RT: 14.802 min Scan# 3797
Delta R.T. -0.010 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

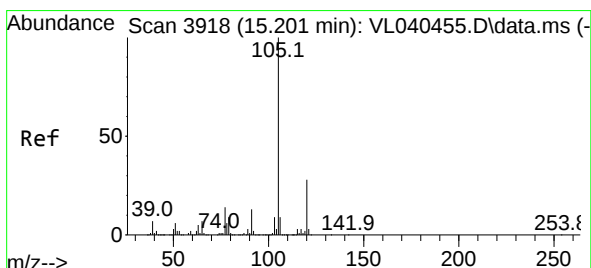
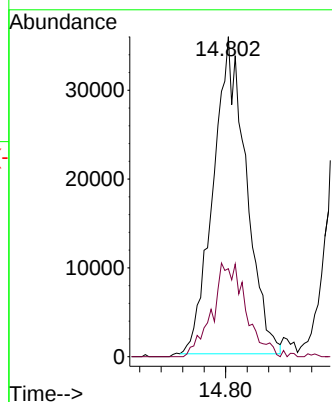
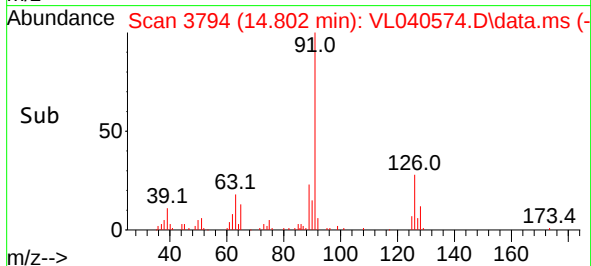
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



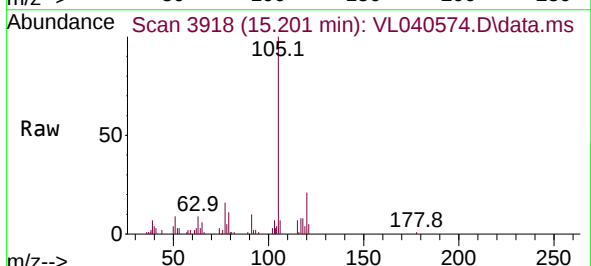
Tgt Ion: 91 Resp: 76210
Ion Ratio Lower Upper
91 100
126 30.5 12.4 49.8

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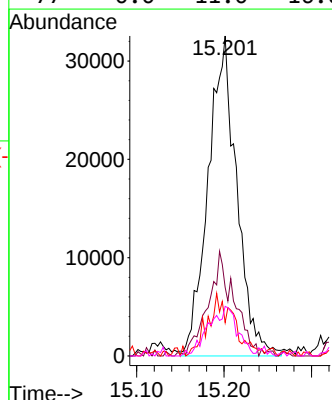
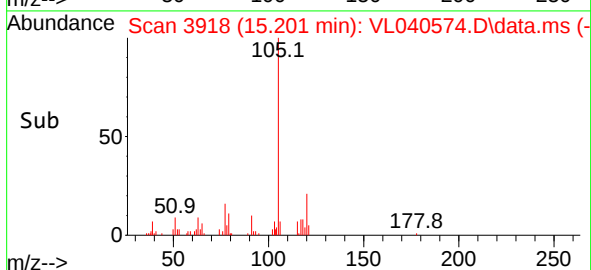
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

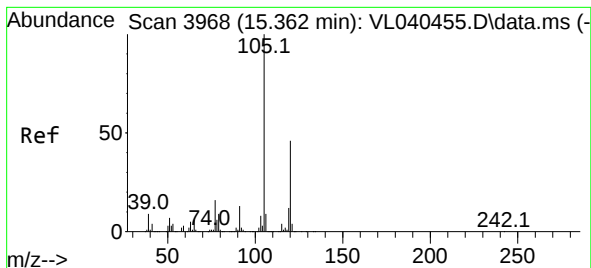


#72
4-Ethyltoluene
Concen: 0.276 ppbv m
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57



Tgt Ion:105 Resp: 74099
Ion Ratio Lower Upper
105 100
120 30.5 24.6 37.0
91 18.1 10.7 16.1#
77 0.0 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.297 ppbv m

RT: 15.355 min Scan# 3966

Delta R.T. -0.006 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

Tgt Ion:105 Resp: 7032

Ion Ratio Lower Upper

105 100

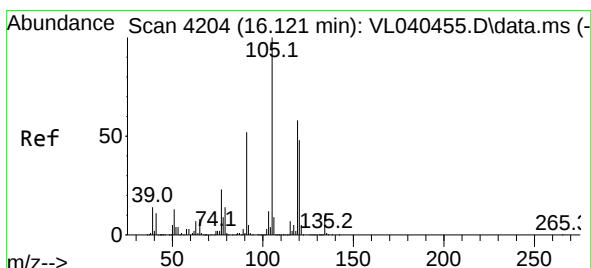
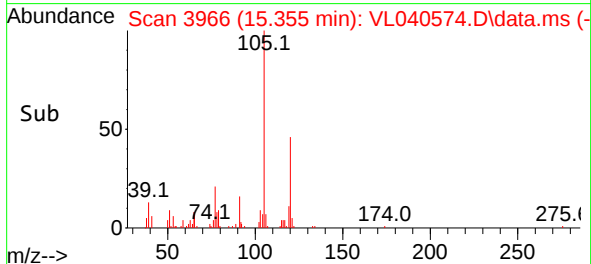
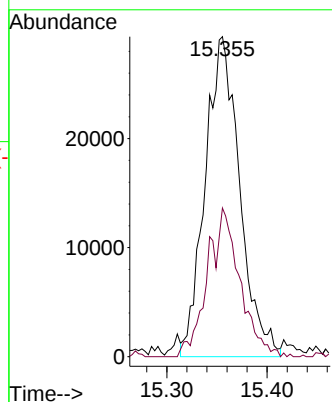
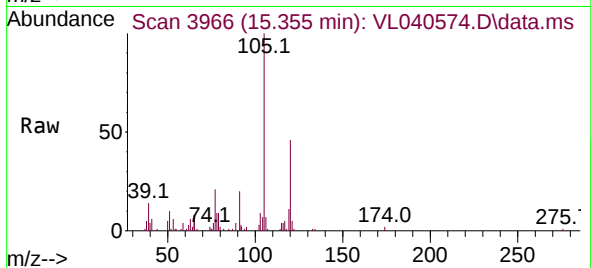
120 46.5 38.2 57.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.329 ppbv m

RT: 16.108 min Scan# 4200

Delta R.T. -0.010 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Tgt Ion:105 Resp: 90863

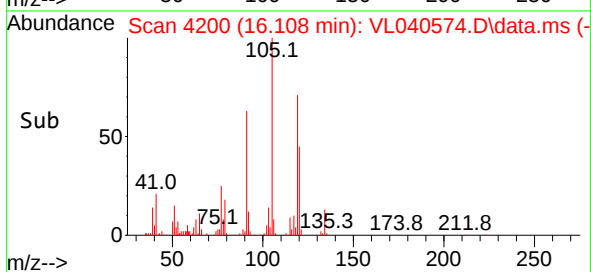
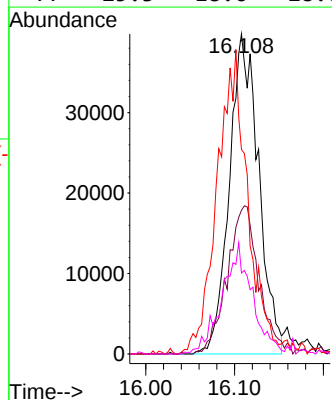
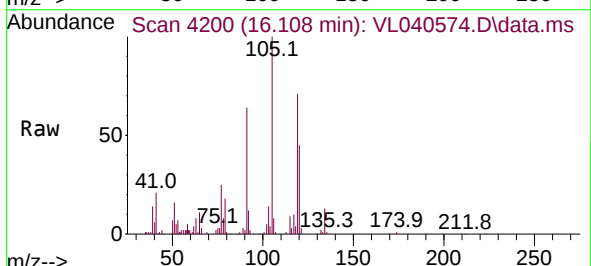
Ion Ratio Lower Upper

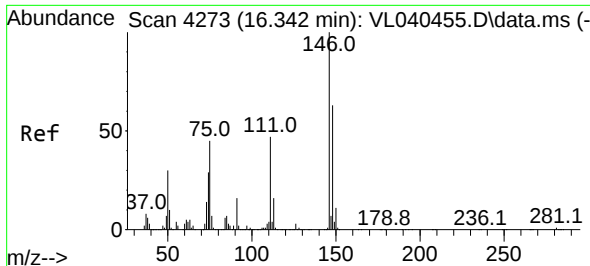
105 100

120 44.9 40.3 60.5

91 63.9 46.8 70.2

77 25.3 18.6 28.0





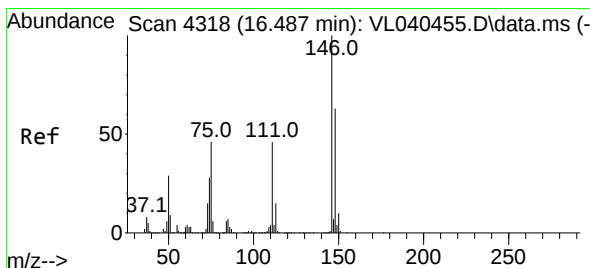
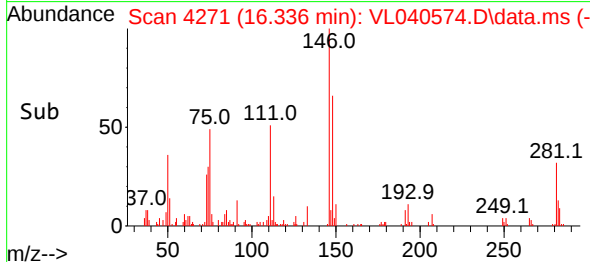
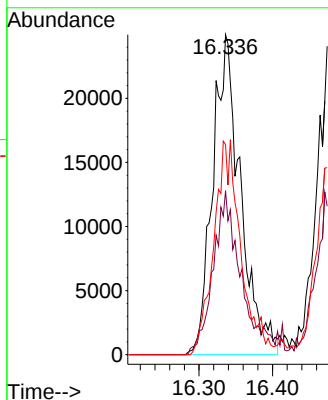
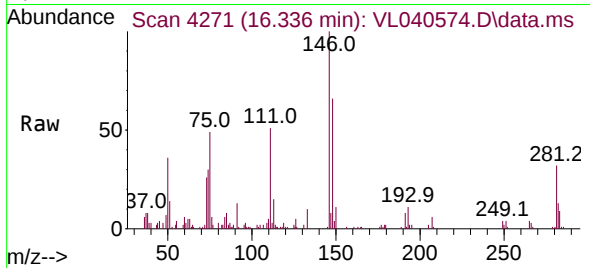
#75
1,3-Dichlorobenzene
Concen: 0.392 ppbv m
RT: 16.336 min Scan# 4315
Delta R.T. -0.006 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

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

Tgt Ion:146 Resp: 6555
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 32.2 96.6#

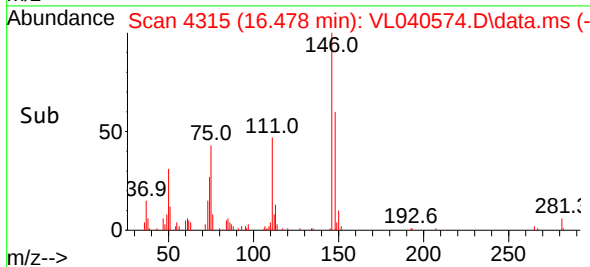
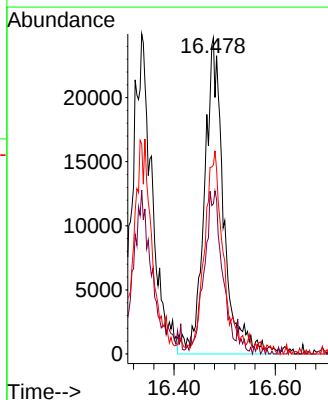
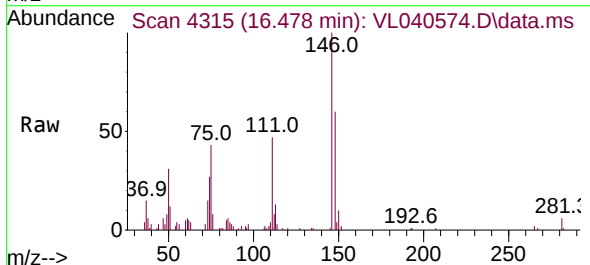
Manual Integrations
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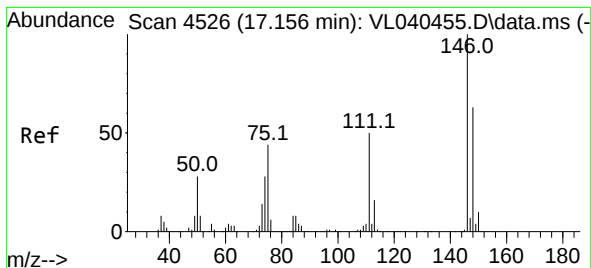
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#76
1,4-Dichlorobenzene
Concen: 0.400 ppbv m
RT: 16.478 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

Tgt Ion:146 Resp: 65611
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: 0.389 ppbv m

RT: 17.146 min Scan# 4

Delta R.T. -0.006 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

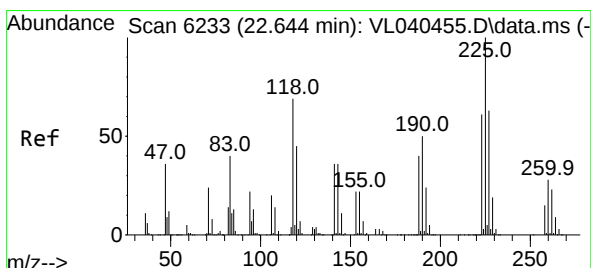
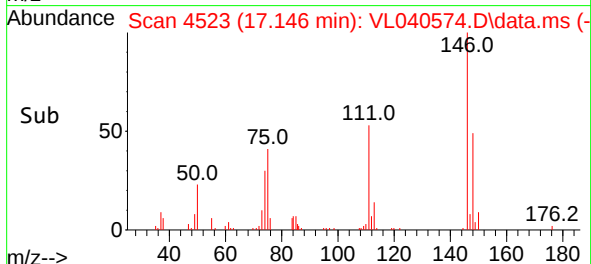
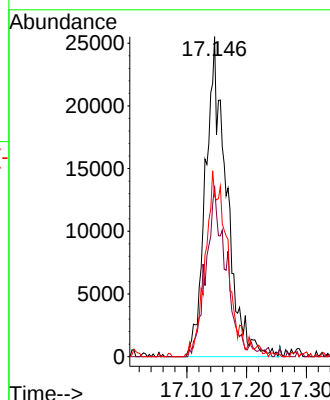
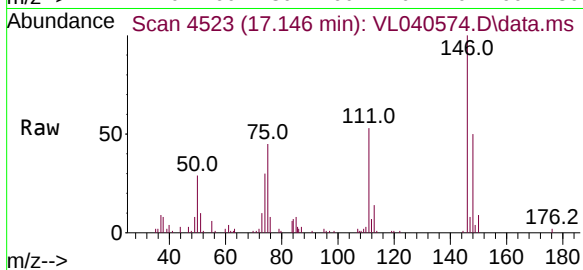
MDL-AIR-03-QT3-2023

Tgt Ion:146	Resp:	6225
Ion Ratio	Lower	Upper
146	100	
111	0.0	24.3
148	0.0	32.1

Manual Integrations

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



#78

Hexachloro-1,3-Butadiene

Concen: 0.411 ppbv m

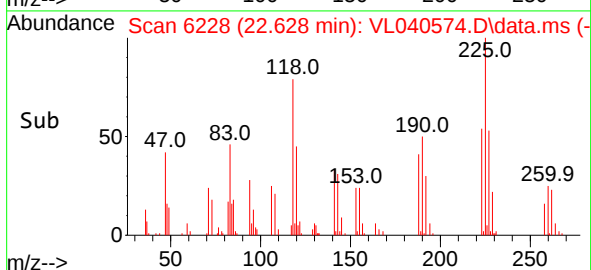
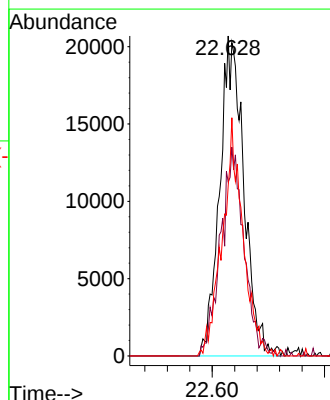
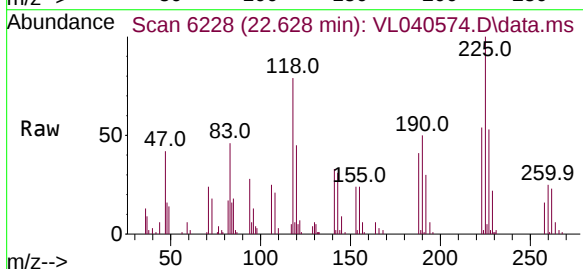
RT: 22.628 min Scan# 6228

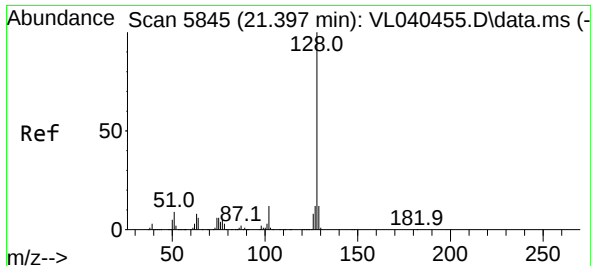
Delta R.T. -0.019 min

Lab File: VL040574.D

Acq: 31 Jul 2023 15:57

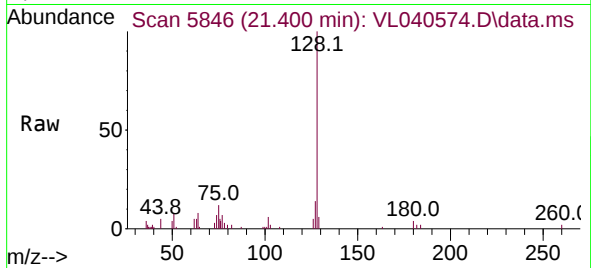
Tgt Ion:225	Resp:	61820
Ion Ratio	Lower	Upper
225	100	
223	0.0	50.3
227	0.0	51.0





#79
Naphthalene
Concen: 0.230 ppbv m
RT: 21.400 min Scan# 5845
Delta R.T. 0.006 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57

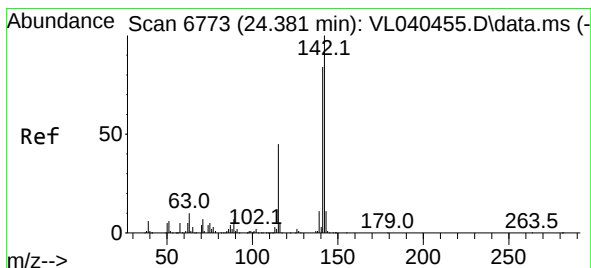
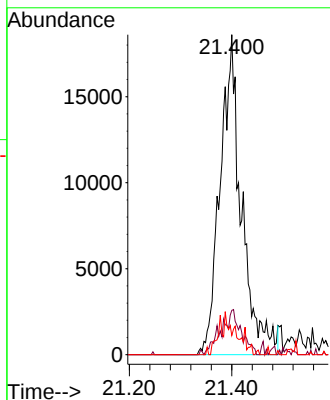
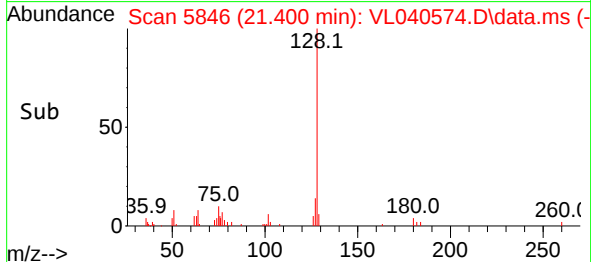
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



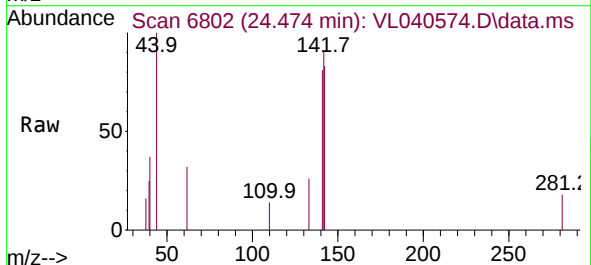
Tgt Ion:128 Resp: 5377
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 6.0 9.2 13.8

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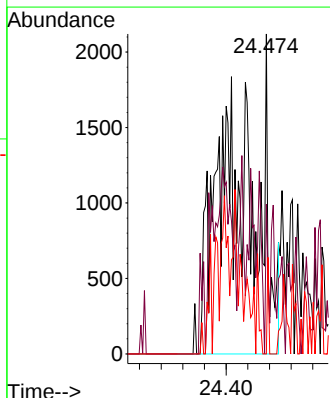
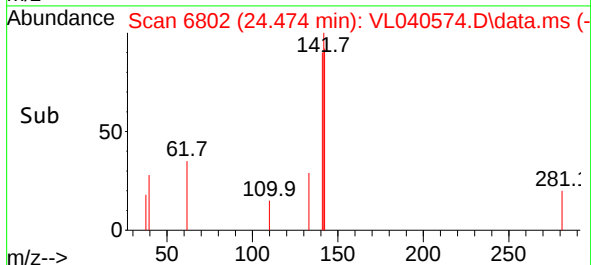
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

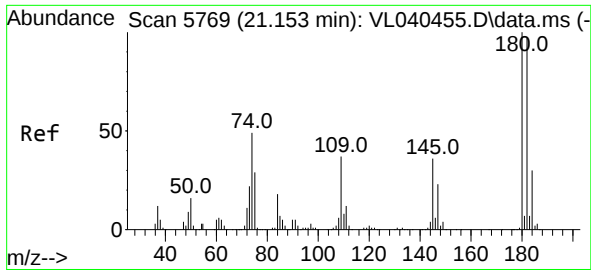


#80
Naphthalene,2-methyl-
Concen: 0.085 ppbv m
RT: 24.474 min Scan# 6802
Delta R.T. 0.096 min
Lab File: VL040574.D
Acq: 31 Jul 2023 15:57



Tgt Ion:142 Resp: 8203
Ion Ratio Lower Upper
142 100
141 40.3 66.7 100.1#
115 0.0 33.0 49.6#





#81

1,2,4-Trichlorobenzene

Concen: 0.250 ppbv m

RT: 21.149 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040574.D

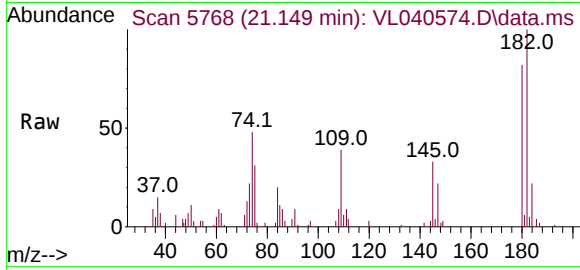
Acq: 31 Jul 2023 15:57

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023



Tgt Ion:180 Resp: 40180

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3

184 0.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023

