

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040349.D
 Acq On : 12 Apr 2023 23:23
 Operator : SY/MD
 Sample : 02213-15 0.40 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 05:43:05 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	924773	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2395992	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2140705	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 1837310 10.249 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	87696	0.483	ppbv	95
3) Chlorodifluoromethane	2.665	51	52650	0.453	ppbv	100
4) Chloromethane	2.803	50	32654	0.455	ppbv	98
5) Vinyl Chloride	2.909	62	25794	0.444	ppbv #	87
6) Bromomethane	3.108	94	10275m	0.510	ppbv	
7) Chloroethane	3.182	64	10866m	0.487	ppbv	
8) Dichlorotetrafluoroethane	2.845	85	72478	0.467	ppbv	99
9) Propene	2.681	41	20706	0.465	ppbv	97
10) Heptane	7.590	43	36048	0.336	ppbv	98
11) Trichlorofluoromethane	3.552	101	77296	0.470	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.054	101	52906	0.429	ppbv	100
13) Ethanol	3.250	45	2067m	0.633	ppbv	
14) Bromoethene	3.359	108	19094	0.415	ppbv	87
15) Acetone	3.472	43	65522	0.582	ppbv	90
16) 1,3-Butadiene	2.973	39	22906	0.448	ppbv	92
17) tert-Butyl alcohol	3.890	59	45663	0.427	ppbv	99
18) 1,1-Dichloroethene	3.874	96	22215	0.419	ppbv #	84
19) Isopropyl Alcohol	3.587	45	23812m	0.442	ppbv	
20) Methylene Chloride	3.928	84	25229	0.533	ppbv	98
21) Allyl Chloride	3.993	41	29315	0.402	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	21090	0.391	ppbv #	83
23) Vinyl Acetate	4.632	43	18152m	0.580	ppbv	
24) 1,1-Dichloroethane	4.558	63	44694	0.400	ppbv	98
25) Ethyl Acetate	5.208	43	83071	0.394	ppbv	99
26) Hexane	5.211	57	31587	0.365	ppbv #	79
27) Carbon Disulfide	4.118	76	41344	0.342	ppbv #	88
28) Methyl tert-Butyl Ether	4.597	73	35958	0.362	ppbv #	87
29) Chloroform	5.272	83	69633	0.456	ppbv	93
30) Cyclohexane	6.610	84	23880m	0.350	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	31714	0.376	ppbv	93
32) 1,1,1-Trichloroethane	6.002	97	65100	0.445	ppbv	98
34) 2-Butanone	4.796	43	53327	0.451	ppbv	99
35) Carbon Tetrachloride	6.494	117	64484m	0.429	ppbv	
36) Benzene	6.365	78	66687	0.365	ppbv	98
37) 1,2-Dichloroethane	5.809	62	50747m	0.427	ppbv	
38) Trichloroethene	7.295	130	38014	0.381	ppbv	90
39) 1,2-Dichloropropane	7.076	63	27584	0.385	ppbv	98
40) 1,4-Dioxane	7.340	88	9364m	0.330	ppbv	
41) Tetrahydrofuran	5.581	42	23661m	0.347	ppbv	
42) Bromodichloromethane	7.250	83	64536	0.397	ppbv #	98
43) Methyl Methacrylate	7.484	69	20693m	0.305	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	108270	0.356	ppbv	93
45) t-1,3-Dichloropropene	8.722	75	15138m	0.256	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040349.D
 Acq On : 12 Apr 2023 23:23
 Operator : SY/MD
 Sample : 02213-15 0.40 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 05:43:05 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	24080m	0.287	ppbv	
47) 1,1,2-Trichloroethane	8.906	97	30828m	0.403	ppbv	
48) Dibromochloromethane	9.719	129	42687	0.339	ppbv	94
49) Bromoform	12.413	173	31807m	0.337	ppbv	
50) 4-Methyl-2-Pentanone	8.208	43	62082m	0.339	ppbv	
51) 2-Hexanone	9.584	43	41091m	0.290	ppbv	
52) Tetrachloroethene	10.629	164	23238m	0.421	ppbv	
53) Toluene	9.227	91	55634m	0.291	ppbv	
54) 1,2-Dibromoethane	10.021	107	31300m	0.398	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.523	131	39078	0.434	ppbv #	1
57) Chlorobenzene	11.529	112	65963m	0.433	ppbv	
58) Ethyl Benzene	12.095	91	75546m	0.310	ppbv	
59) m/p-Xylene	12.381	91	147232m	0.659	ppbv	
60) o-Xylene	13.073	91	69904m	0.327	ppbv	
61) Styrene	12.912	104	27882m	0.257	ppbv	
62) Isopropylbenzene	14.047	105	110425	0.363	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.069	83	33977m	0.452	ppbv	
64) n-propylbenzene	14.928	120	25629m	0.345	ppbv	
65) tert-Butylbenzene	16.111	119	85593	0.327	ppbv	89
66) Benzyl Chloride	16.343	91	7169m	0.421	ppbv	
67) sec-Butylbenzene	16.651	105	125389	0.335	ppbv	97
69) p-Isopropyltoluene	17.011	119	91554	0.314	ppbv	94
70) n-Butylbenzene	17.908	91	107417	0.334	ppbv	94
71) 2-Chlorotoluene	14.815	91	71788	0.310	ppbv	96
72) 4-Ethyltoluene	15.211	105	70809	0.303	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.362	105	65657	0.311	ppbv	92
74) 1,2,4-Trimethylbenzene	16.121	105	87224	0.362	ppbv	95
75) 1,3-Dichlorobenzene	16.355	146	51134m	0.392	ppbv	
76) 1,4-Dichlorobenzene	16.494	146	50064m	0.402	ppbv	
77) 1,2-Dichlorobenzene	17.156	146	50446m	0.402	ppbv	
78) Hexachloro-1,3-Butadiene	22.654	225	40589m	0.441	ppbv	
79) Naphthalene	21.413	128	37293m	0.261	ppbv	
80) Naphthalene,2-methyl-	24.400	142	6847m	0.190	ppbv	
81) 1,2,4-Trichlorobenzene	21.162	180	26489m	0.302	ppbv	

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

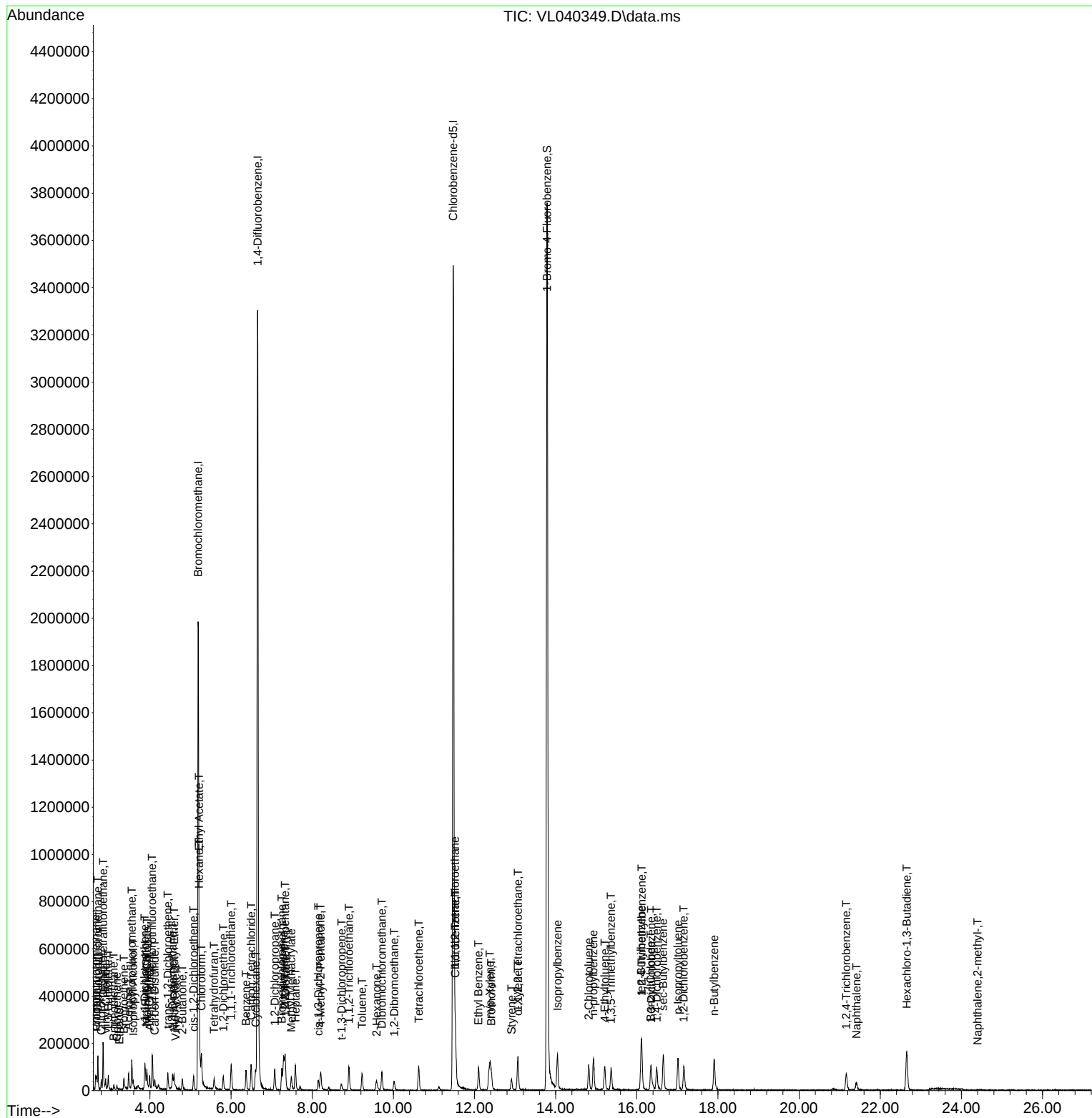
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040349.D
 Acq On : 12 Apr 2023 23:23
 Operator : SY/MD
 Sample : 02213-15 0.40 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

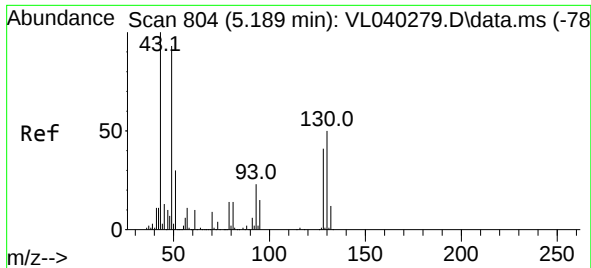
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Quant Time: Apr 13 05:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

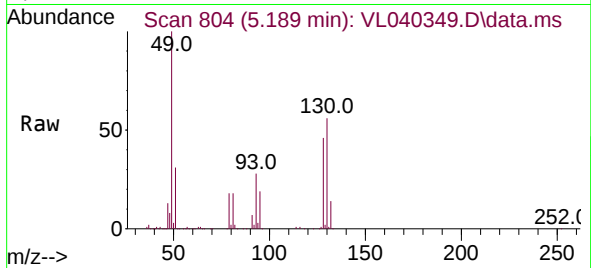
Reviewed By : Semsettin Yesilyurt 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

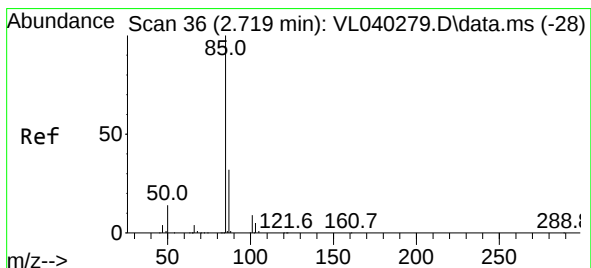
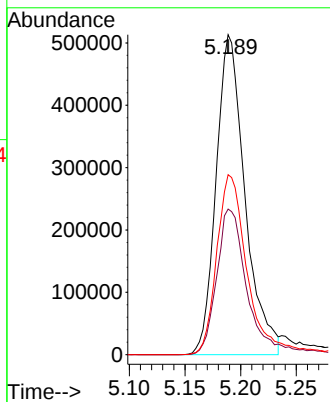
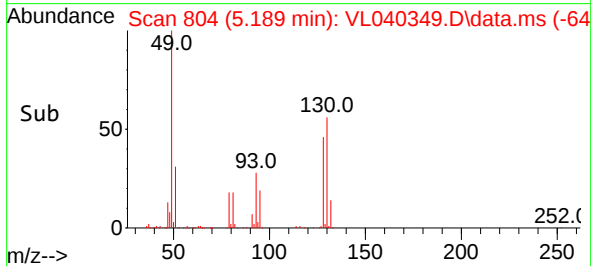
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2023



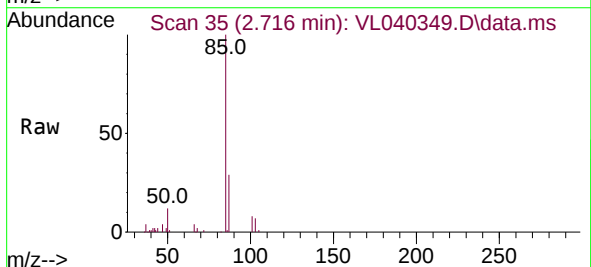
Tgt Ion: 49 Resp: 92477
Ion Ratio Lower Upper
49 100
128 49.6 22.4 67.3
130 62.5 28.7 86.1

Manual Integrations
APPROVED

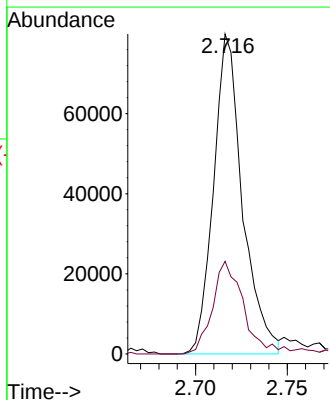
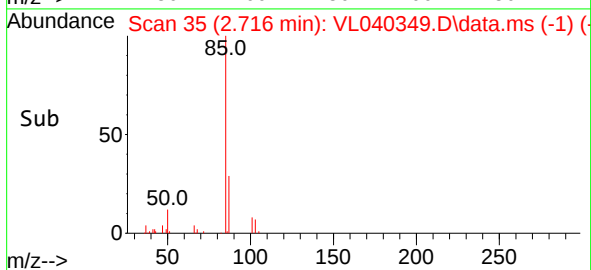
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#2
Dichlorodifluoromethane
Concen: 0.483 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



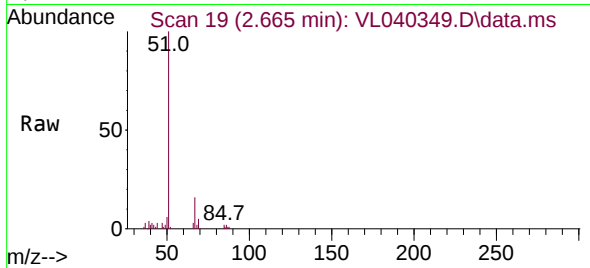
Tgt Ion: 85 Resp: 87696
Ion Ratio Lower Upper
85 100
87 28.9 25.5 38.3





#3
Chlorodifluoromethane
Concen: 0.453 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

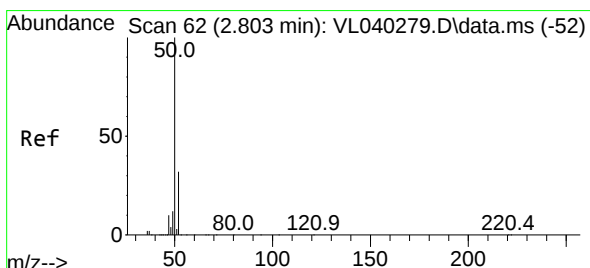
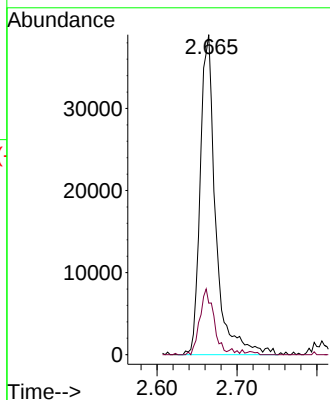
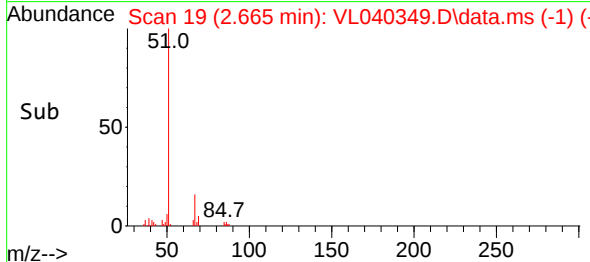
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



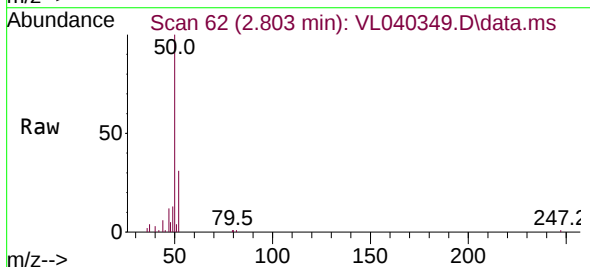
Tgt Ion: 51 Resp: 52650
Ion Ratio Lower Upper
51 100
67 20.0 16.0 24.0

Manual Integrations
APPROVED

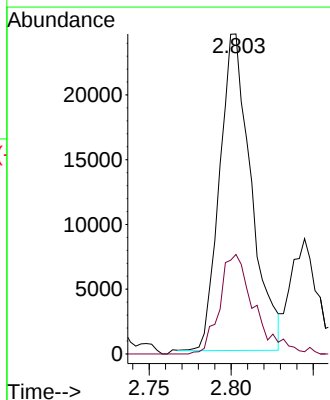
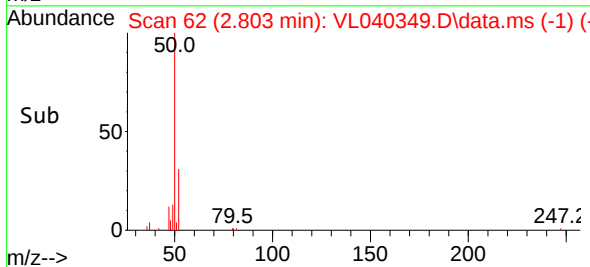
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

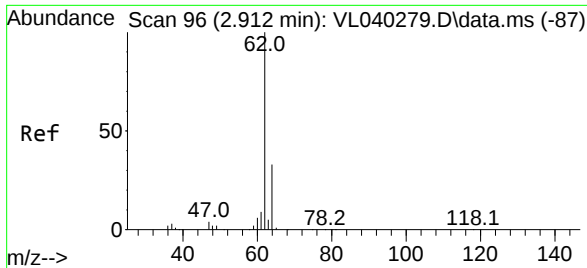


#4
Chloromethane
Concen: 0.455 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



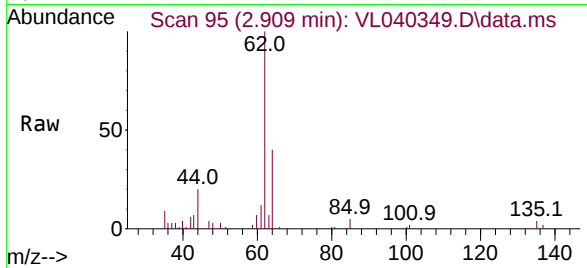
Tgt Ion: 50 Resp: 32654
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.444 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

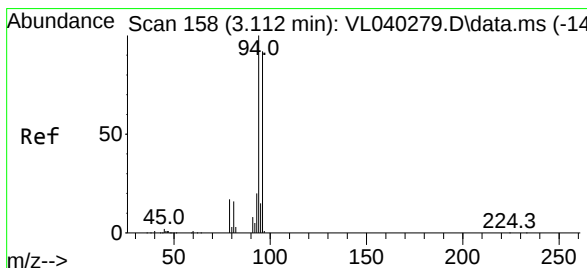
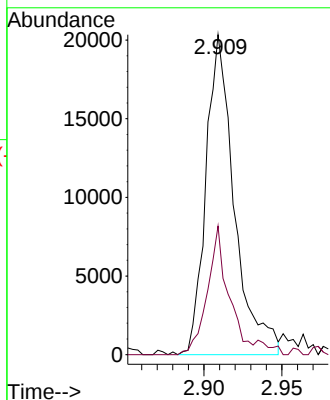
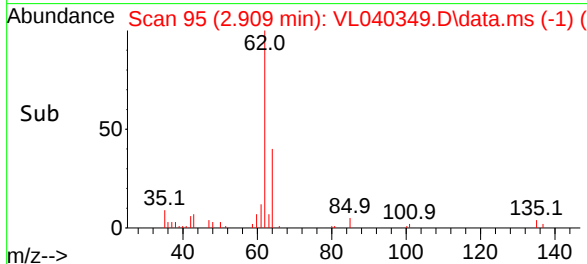
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 62 Resp: 25794
 Ion Ratio Lower Upper
 62 100
 64 40.2 26.4 39.6

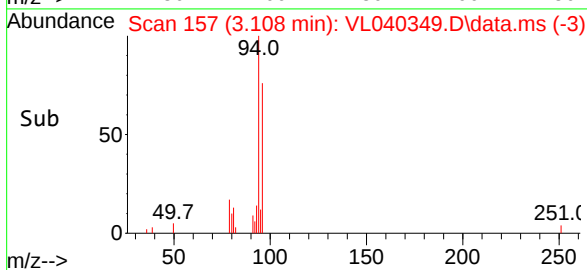
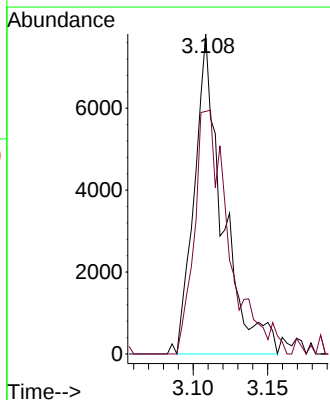
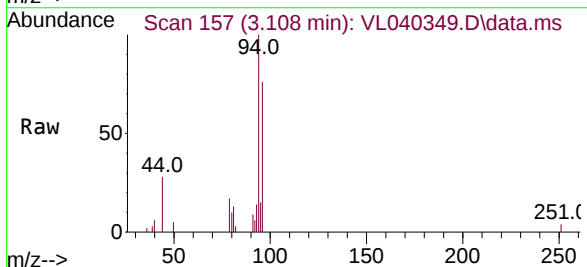
Manual Integrations
 APPROVED

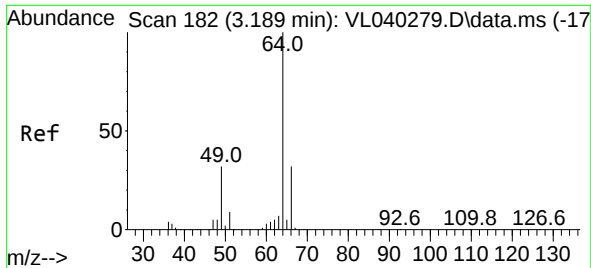
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#6
 Bromomethane
 Concen: 0.510 ppbv m
 RT: 3.108 min Scan# 157
 Delta R.T. -0.004 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

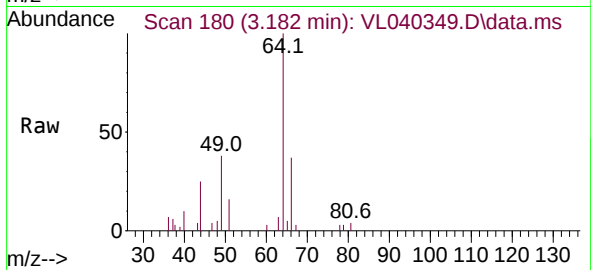
Tgt Ion: 94 Resp: 10275
 Ion Ratio Lower Upper
 94 100
 96 75.8 73.7 110.5





#7
Chloroethane
Concen: 0.487 ppbv m
RT: 3.182 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

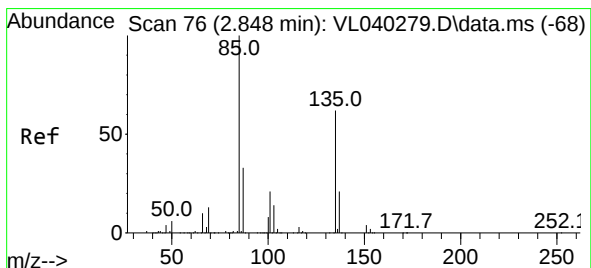
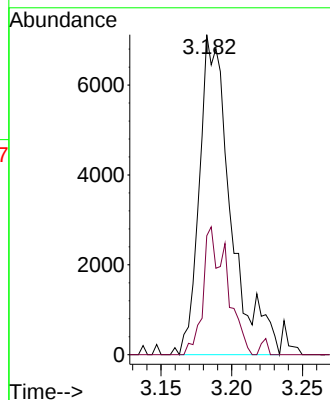
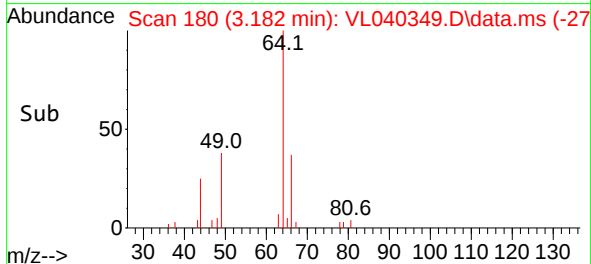
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2023



Tgt Ion: 64 Resp: 1086
Ion Ratio Lower Upper
64 100
66 37.1 25.5 38.3

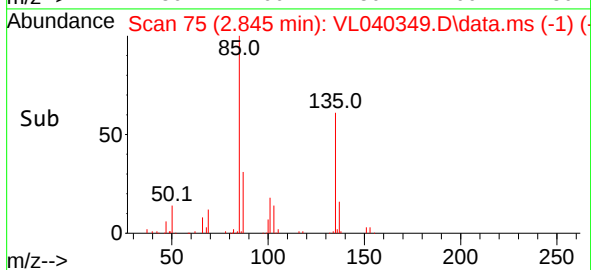
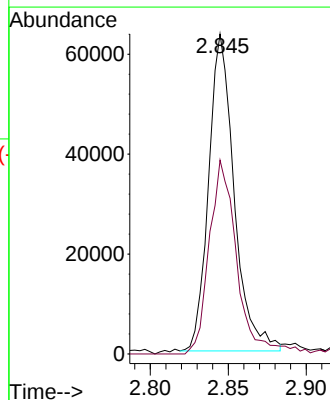
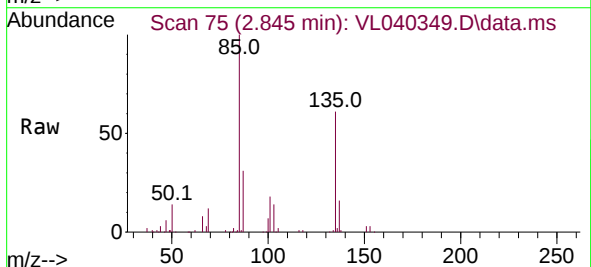
Manual Integrations
APPROVED

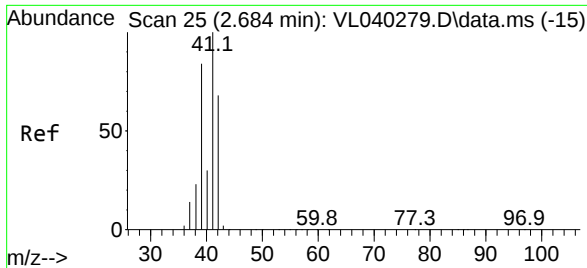
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#8
Dichlorotetrafluoroethane
Concen: 0.467 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

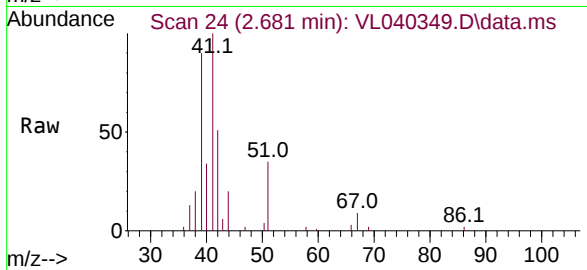
Tgt Ion: 85 Resp: 72478
Ion Ratio Lower Upper
85 100
135 66.1 52.0 78.0





#9
 Propene
 Concen: 0.465 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

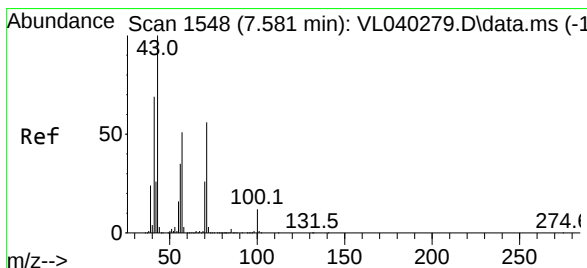
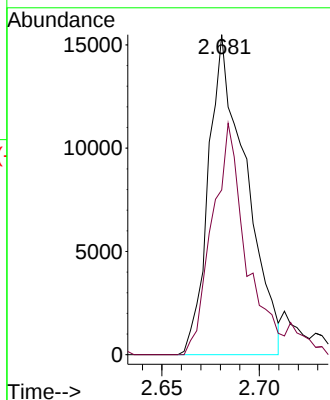
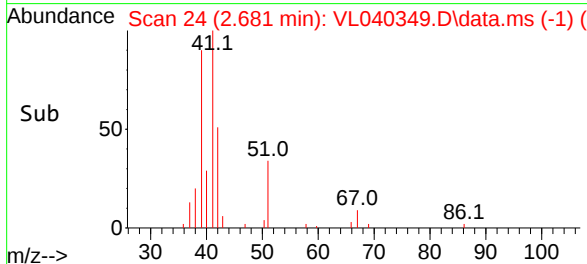
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



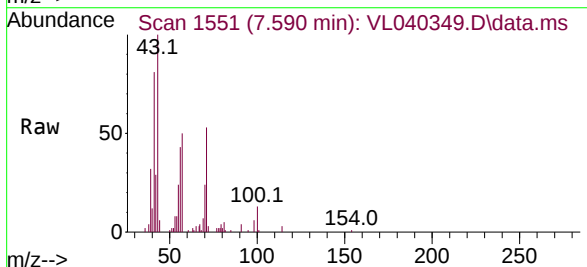
Tgt Ion: 41 Resp: 20700
 Ion Ratio Lower Upper
 41 100
 42 70.8 59.0 88.4

Manual Integrations
 APPROVED

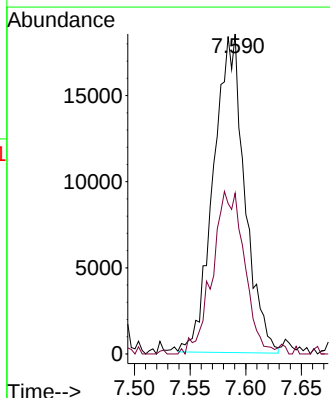
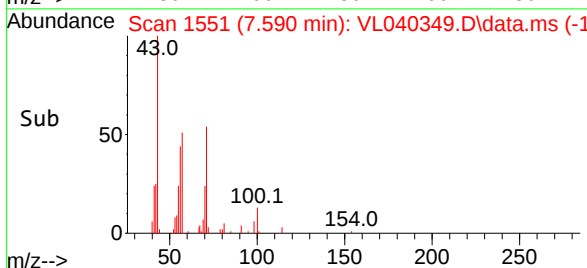
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#10
 Heptane
 Concen: 0.336 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.009 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23



Tgt Ion: 43 Resp: 36048
 Ion Ratio Lower Upper
 43 100
 57 53.3 41.7 62.5





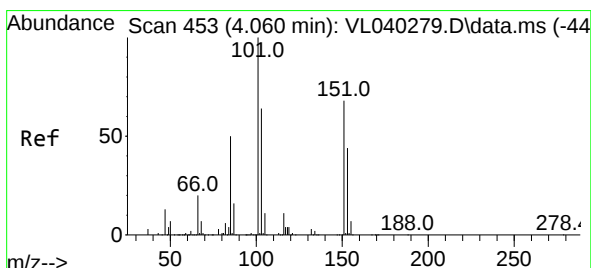
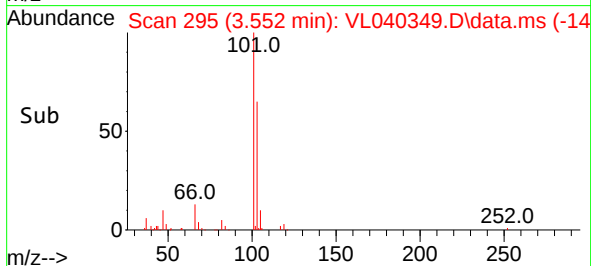
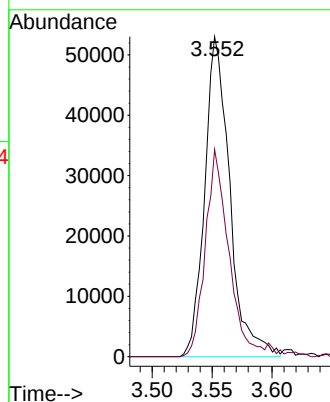
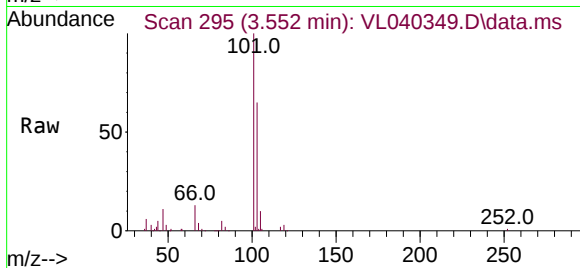
#11
Trichlorofluoromethane
Concen: 0.470 ppbv
RT: 3.552 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion:101 Resp: 77290
Ion Ratio Lower Upper
101 100
103 64.8 53.1 79.7

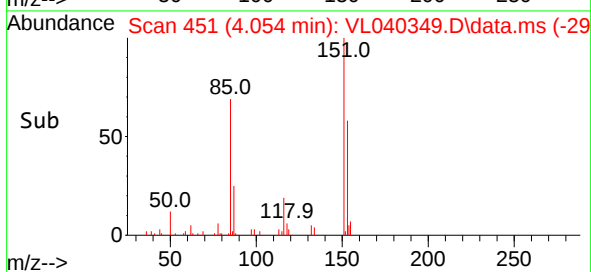
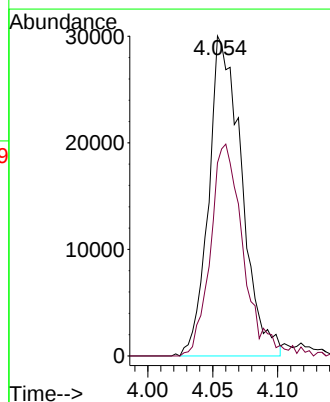
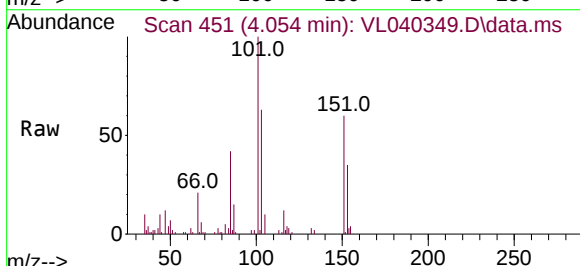
Manual Integrations
APPROVED

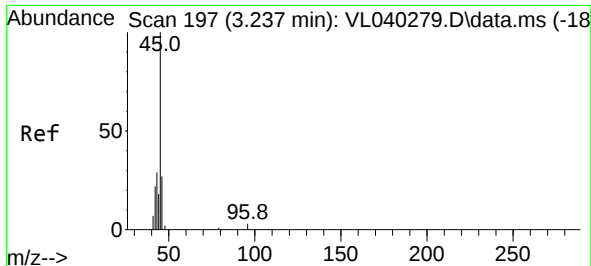
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.429 ppbv
RT: 4.054 min Scan# 451
Delta R.T. -0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:101 Resp: 52906
Ion Ratio Lower Upper
101 100
151 66.7 53.2 79.8





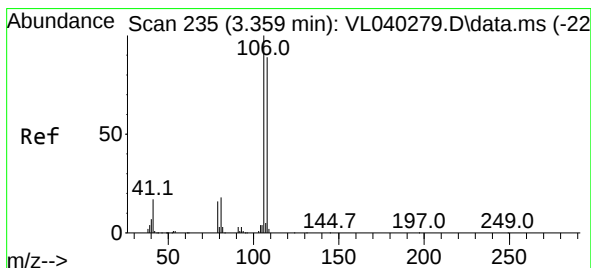
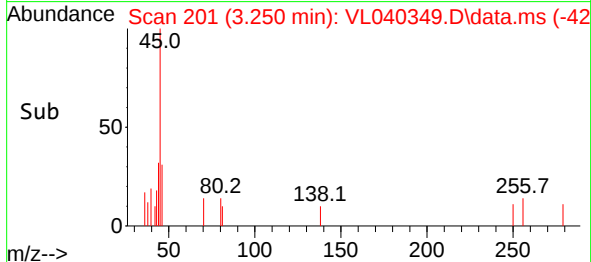
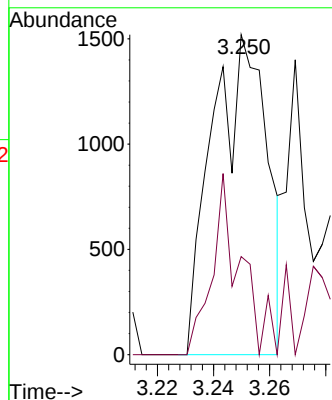
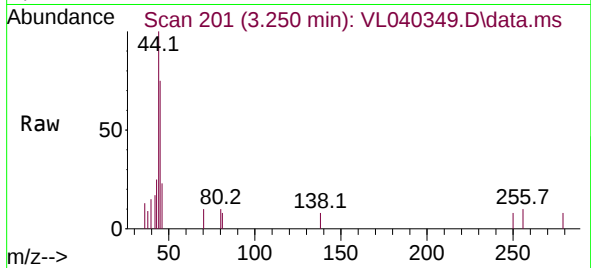
#13
Ethanol
Concen: 0.633 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.013 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 45 Resp: 206
Ion Ratio Lower Upper
45 100
46 26.9 15.0 60.2

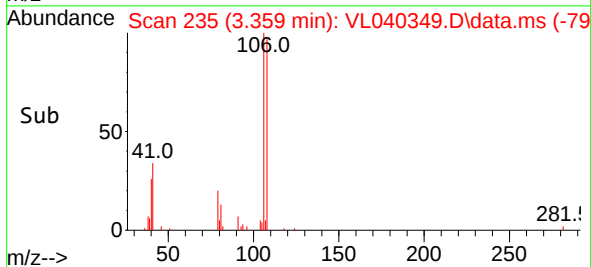
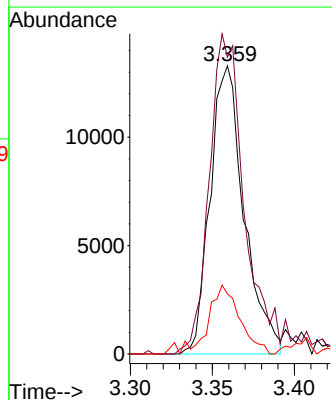
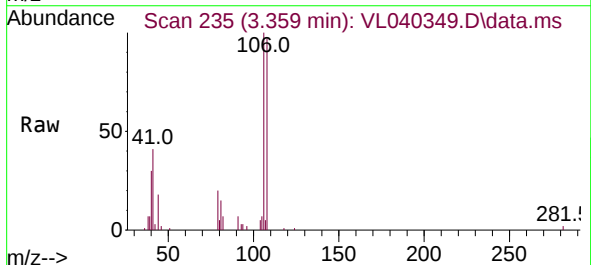
Manual Integrations
APPROVED

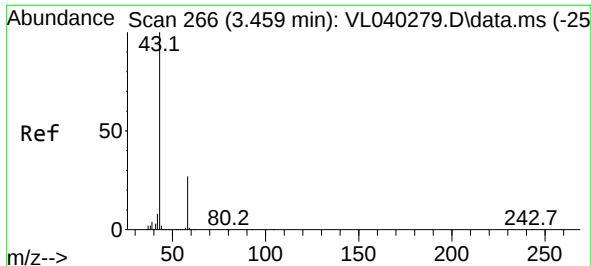
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#14
Bromoethene
Concen: 0.415 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

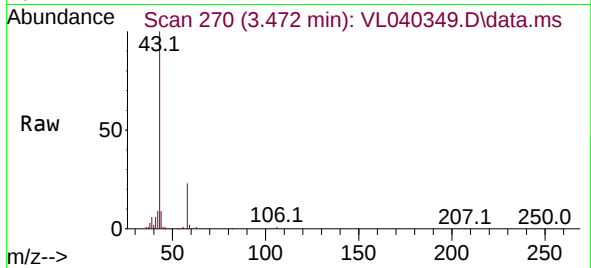
Tgt Ion:108 Resp: 19094
Ion Ratio Lower Upper
108 100
106 122.4 85.8 128.8
79 22.6 15.8 23.6





#15
Acetone
Concen: 0.582 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

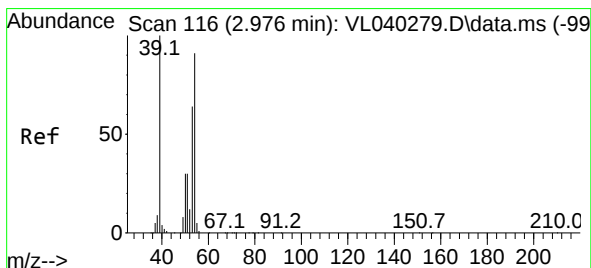
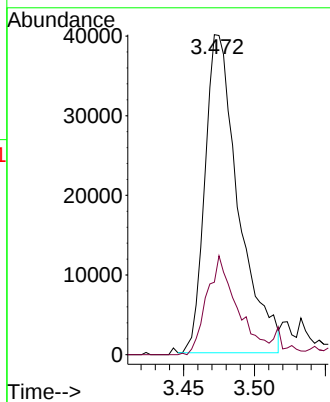
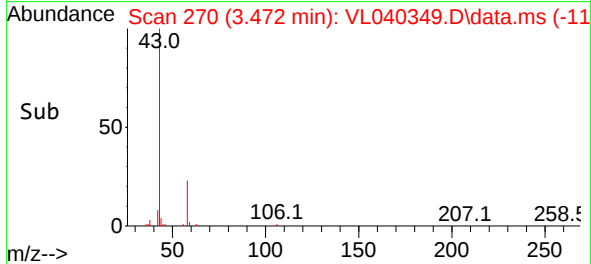
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



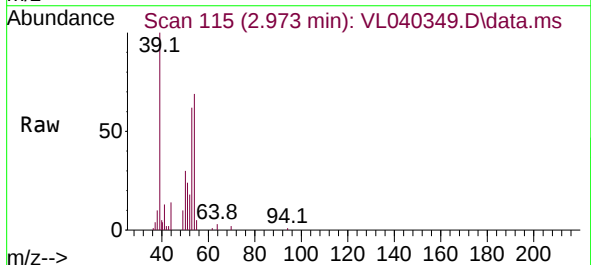
Tgt Ion: 43 Resp: 6552
Ion Ratio Lower Upper
43 100
58 32.7 21.8 32.8

Manual Integrations
APPROVED

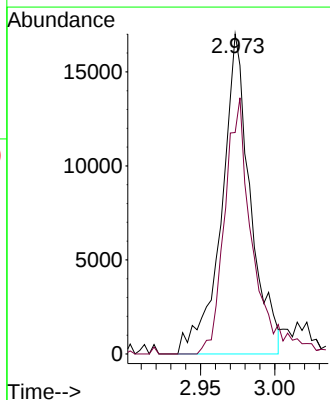
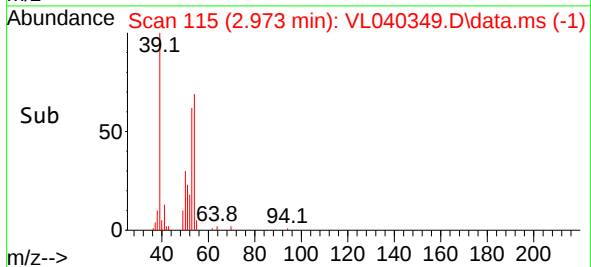
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

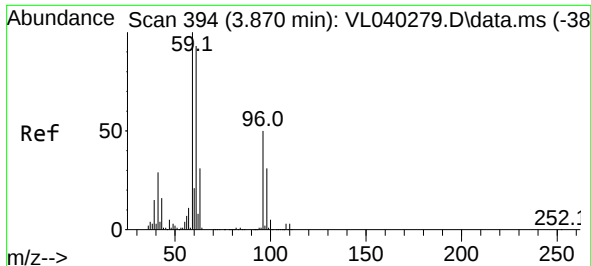


#16
1,3-Butadiene
Concen: 0.448 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



Tgt Ion: 39 Resp: 22906
Ion Ratio Lower Upper
39 100
54 77.9 68.4 102.6





#17

tert-Butyl alcohol

Concen: 0.427 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.020 min

Lab File: VL040349.D

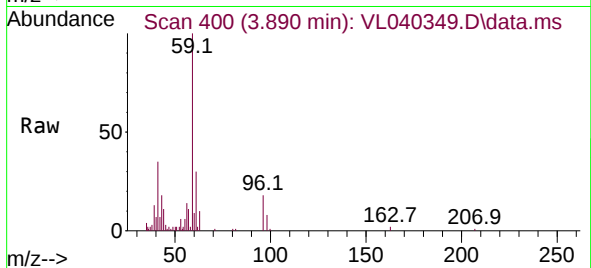
Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023



Tgt Ion: 59 Resp: 4566

Ion Ratio Lower Upper

59 100

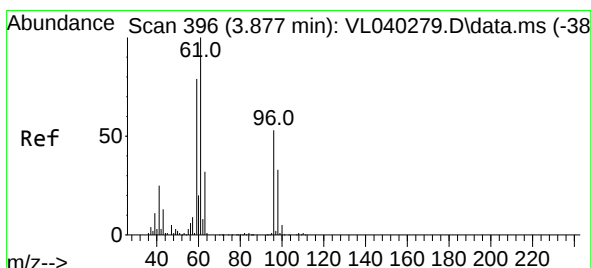
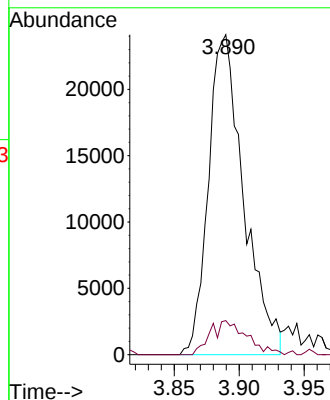
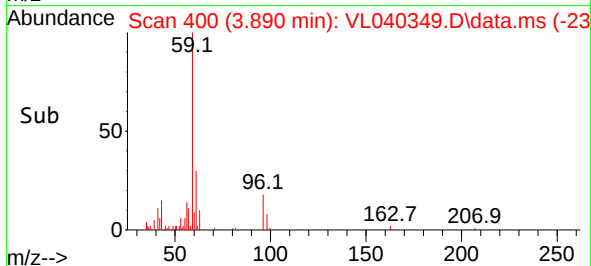
57 11.1 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#18

1,1-Dichloroethene

Concen: 0.419 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

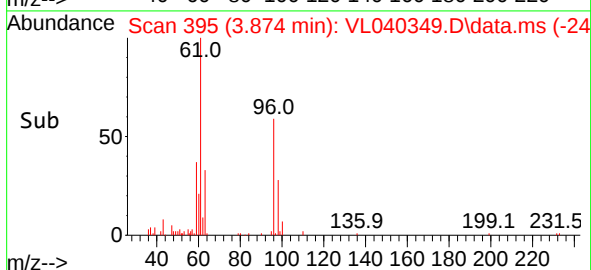
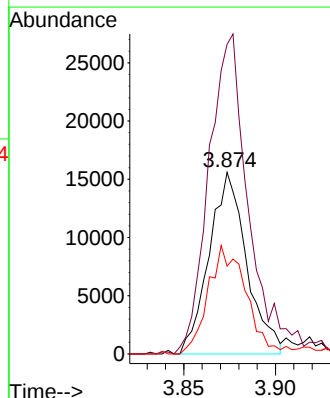
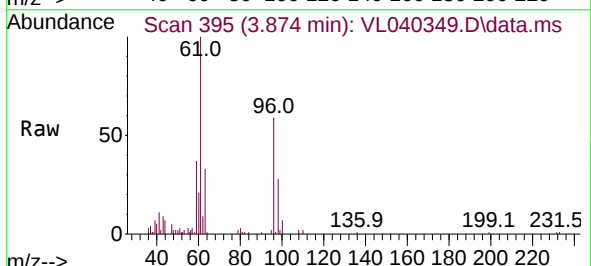
Tgt Ion: 96 Resp: 22215

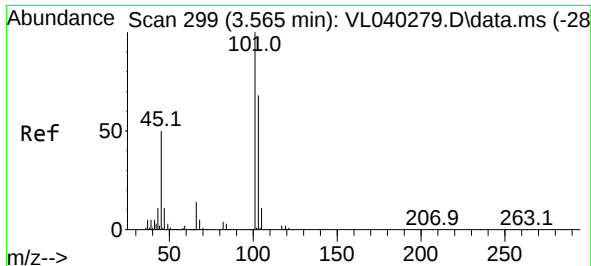
Ion Ratio Lower Upper

96 100

61 166.6 150.6 226.0

98 48.4 50.3 75.5#





#19

Isopropyl Alcohol

Concen: 0.442 ppbv m

RT: 3.587 min Scan# 306

Delta R.T. 0.022 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

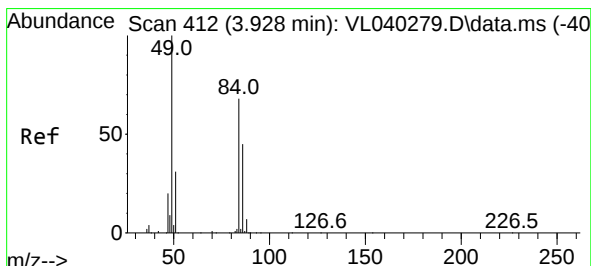
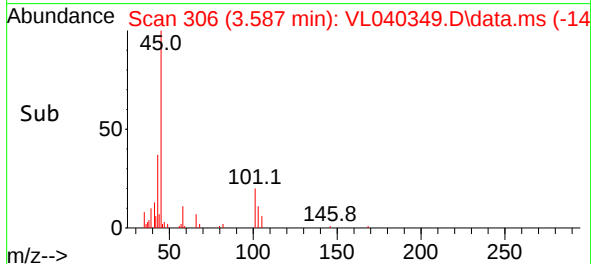
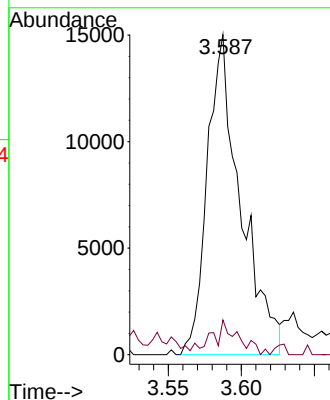
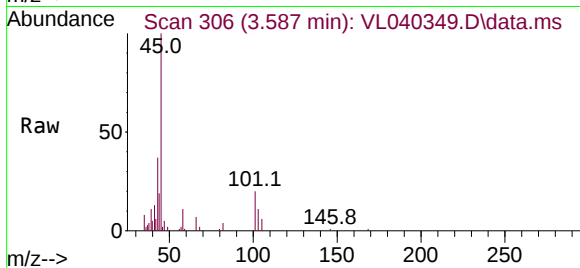
MDL-AIR-03-QT2-2023

Tgt Ion: 45 Resp: 23812
 Ion Ratio Lower Upper
 45 100
 58 9.6 2.7 4.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#20

Methylene Chloride

Concen: 0.533 ppbv

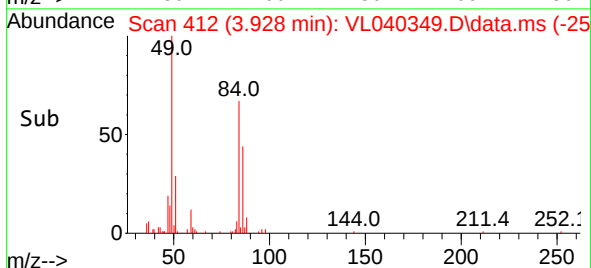
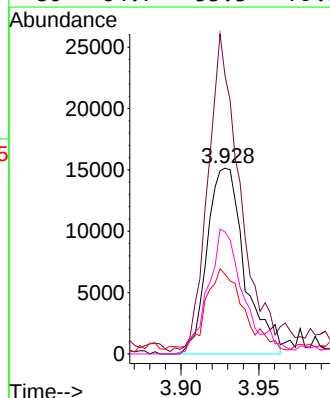
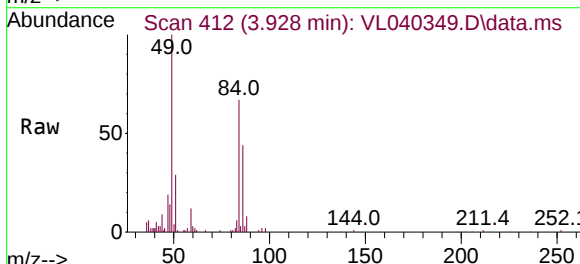
RT: 3.928 min Scan# 412

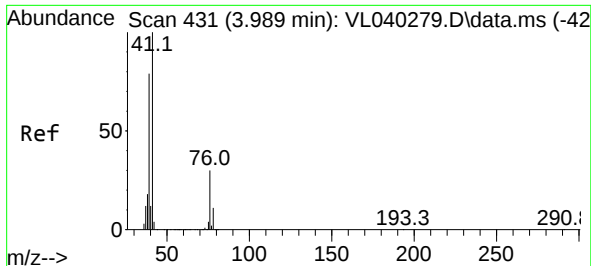
Delta R.T. 0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

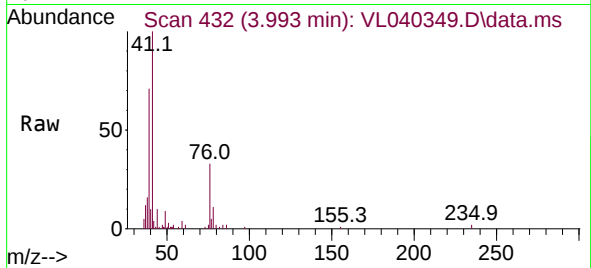
Tgt Ion: 84 Resp: 25229
 Ion Ratio Lower Upper
 84 100
 49 147.3 117.5 176.3
 51 39.9 36.9 55.3
 86 64.7 53.3 79.9





#21
 Allyl Chloride
 Concen: 0.402 ppbv
 RT: 3.993 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

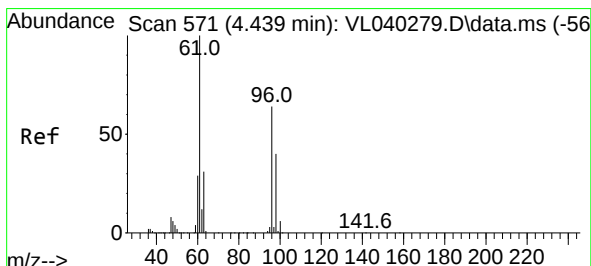
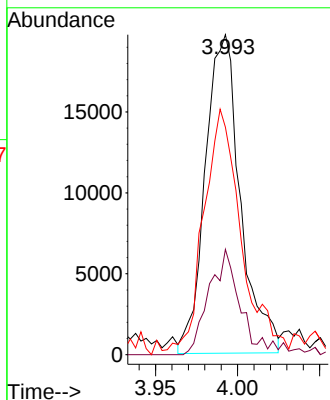
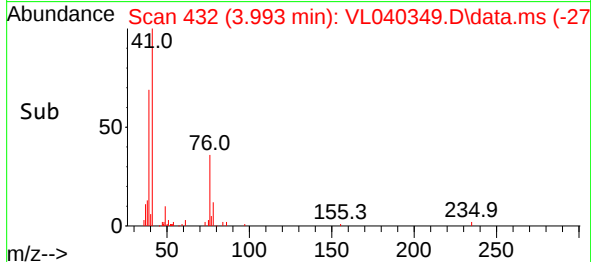
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 41 Resp: 2931
 Ion Ratio Lower Upper
 41 100
 76 28.4 25.4 38.0
 39 82.1 65.4 98.2

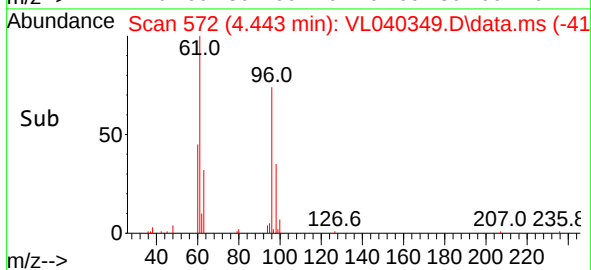
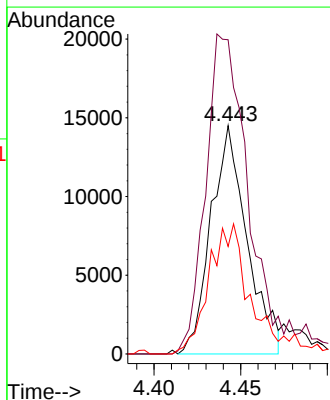
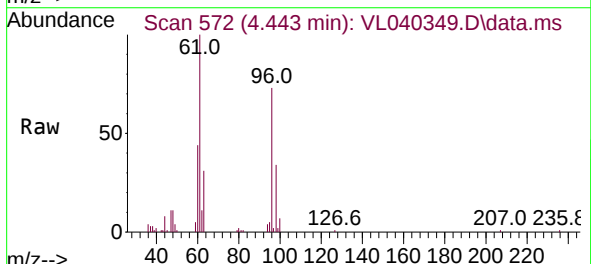
Manual Integrations
 APPROVED

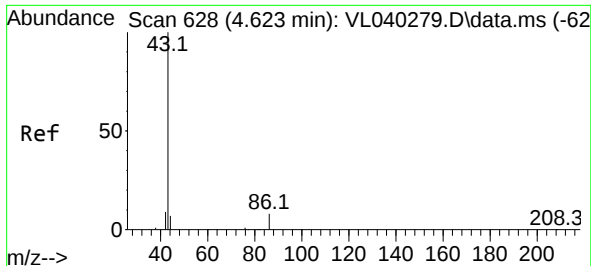
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.391 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.004 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

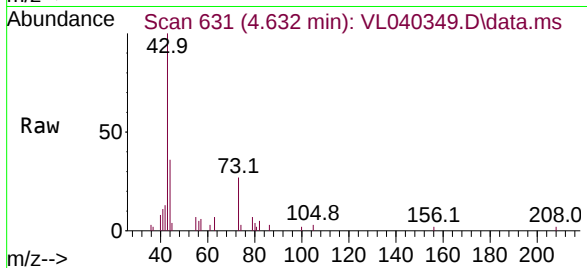
Tgt Ion: 96 Resp: 21090
 Ion Ratio Lower Upper
 96 100
 61 136.3 125.4 188.2
 98 45.3 49.8 74.6#





#23
 Vinyl Acetate
 Concen: 0.580 ppbv m
 RT: 4.632 min Scan# 61
 Delta R.T. 0.009 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

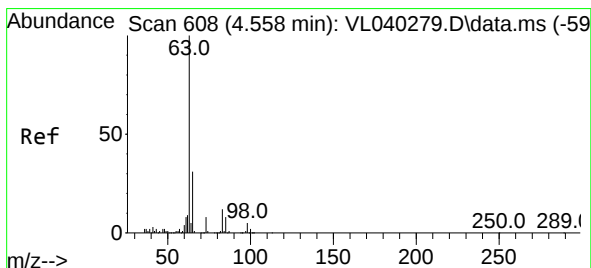
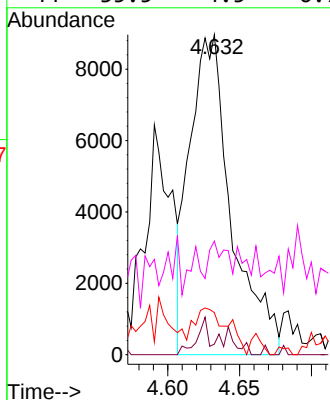
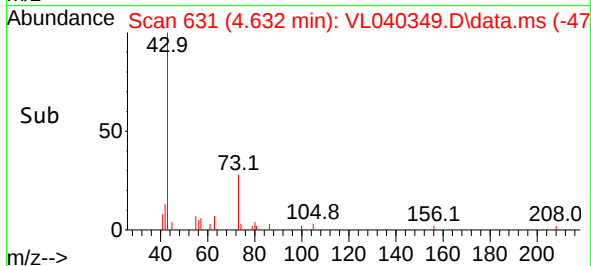
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 43 Resp: 1815
 Ion Ratio Lower Upper
 43 100
 86 3.3 5.0 7.4
 42 13.1 9.1 13.7
 44 35.5 4.5 6.7#

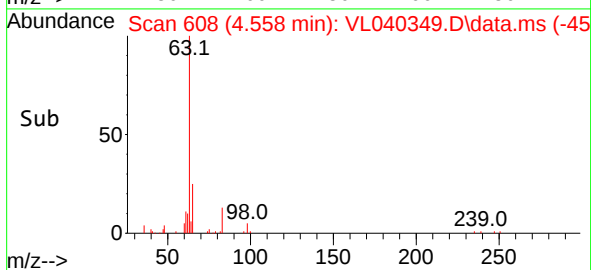
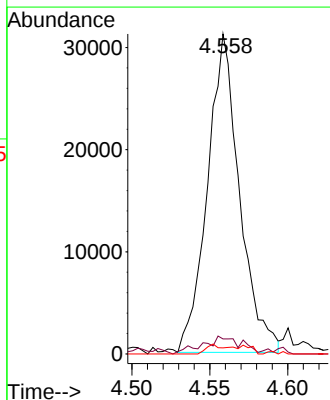
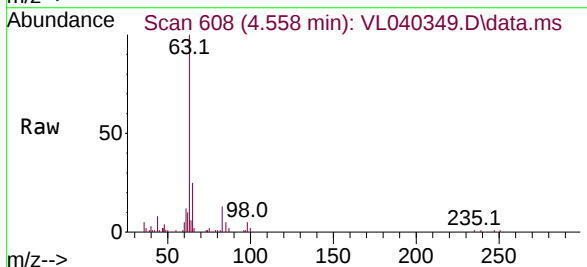
Manual Integrations
 APPROVED

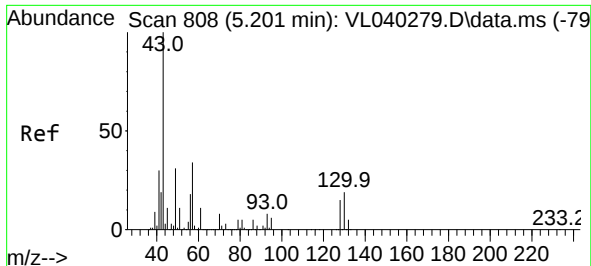
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#24
 1,1-Dichloroethane
 Concen: 0.400 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

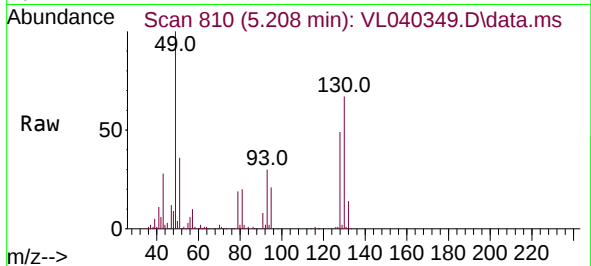
Tgt Ion: 63 Resp: 44694
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.4 7.2
 100 1.9 1.2 3.6





#25
Ethyl Acetate
Concen: 0.394 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

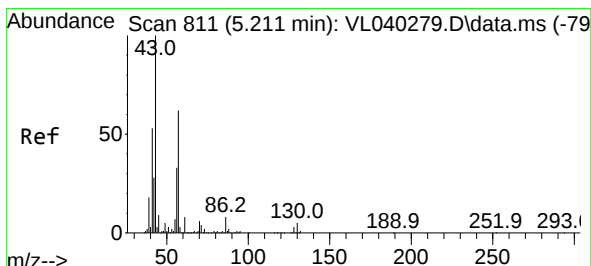
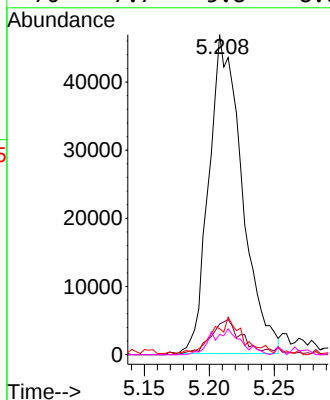
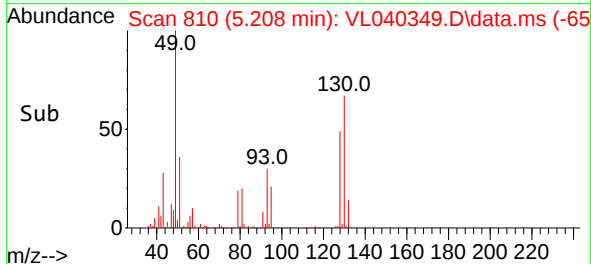
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion	Ratio	Lower	Upper
43	100		
45	11.6	8.6	12.8
61	10.7	8.4	12.6
70	7.7	5.8	8.6

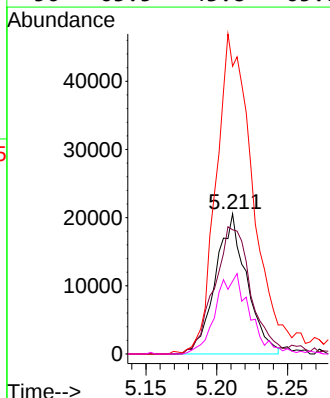
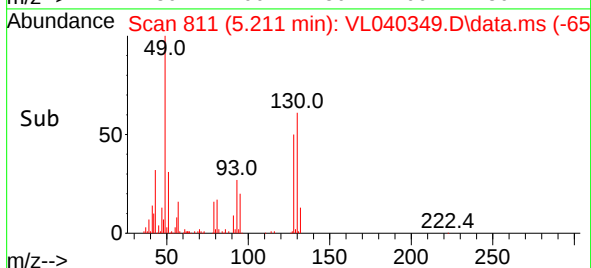
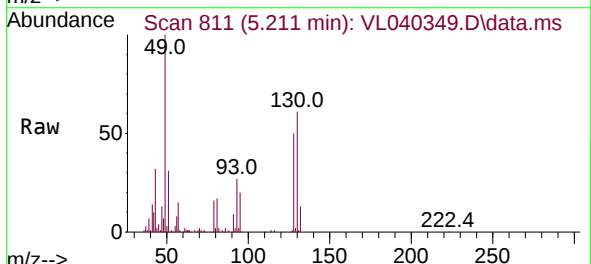
Manual Integrations
APPROVED

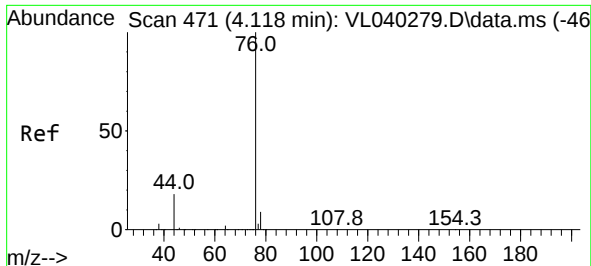
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#26
Hexane
Concen: 0.365 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion	Ratio	Lower	Upper
57	100		
41	111.8	73.5	110.3#
43	283.9	196.3	294.5
56	63.5	43.8	65.8





#27

Carbon Disulfide

Concen: 0.342 ppbv

RT: 4.118 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040349.D

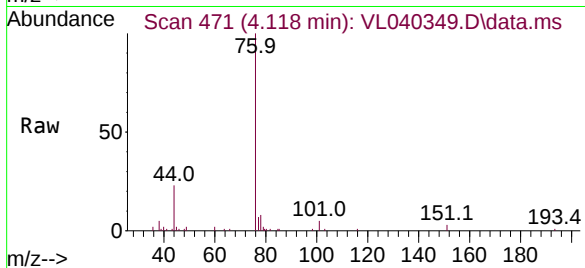
Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023



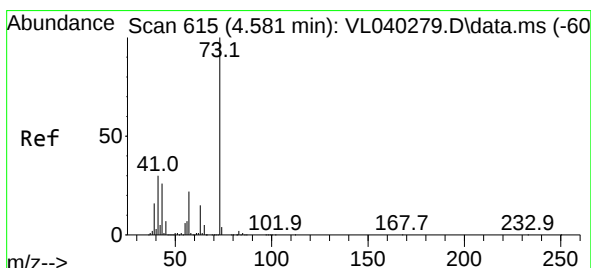
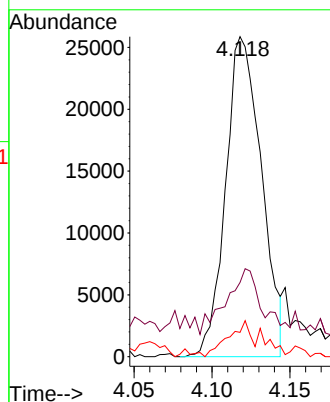
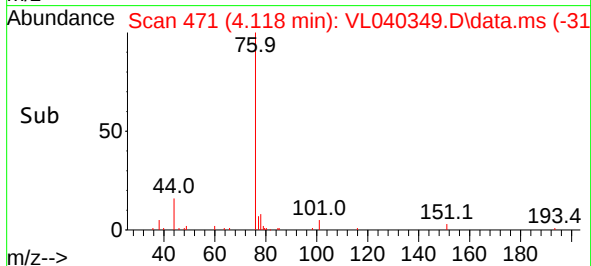
Tgt Ion:	76	Resp:	4134
Ion	Ratio	Lower	Upper
76	100		
44	25.4	15.2	22.8
78	12.0	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#28

Methyl tert-Butyl Ether

Concen: 0.362 ppbv

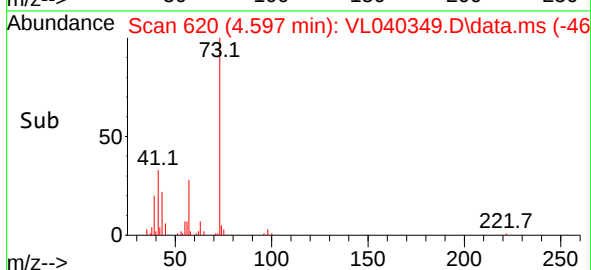
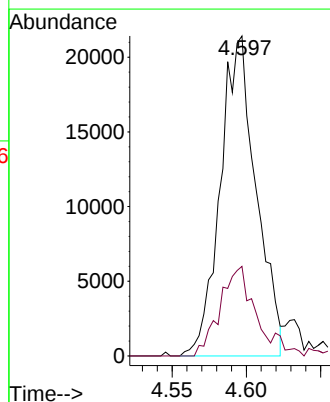
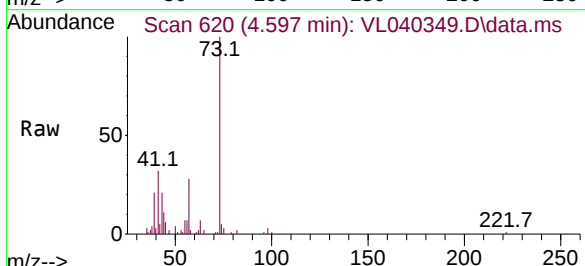
RT: 4.597 min Scan# 620

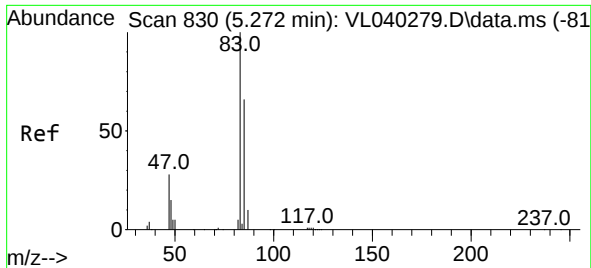
Delta R.T. 0.016 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

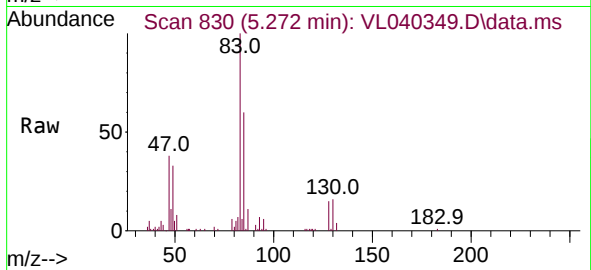
Tgt Ion:	73	Resp:	35958
Ion	Ratio	Lower	Upper
73	100		
57	29.2	18.4	27.6





#29
Chloroform
Concen: 0.456 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

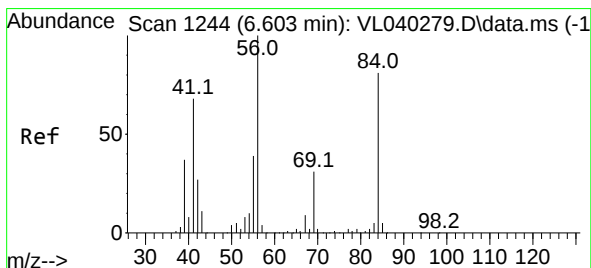
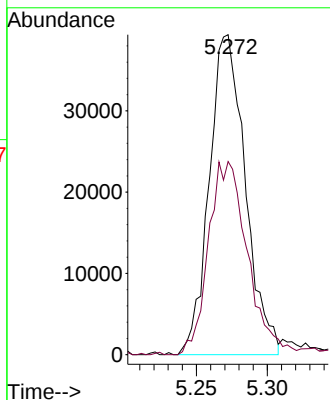
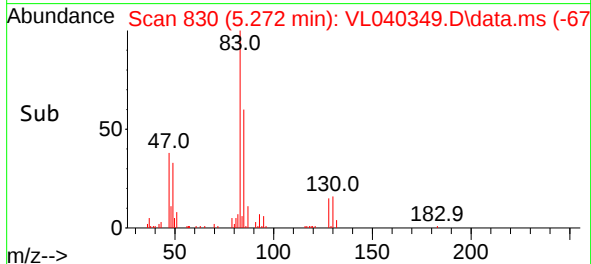
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



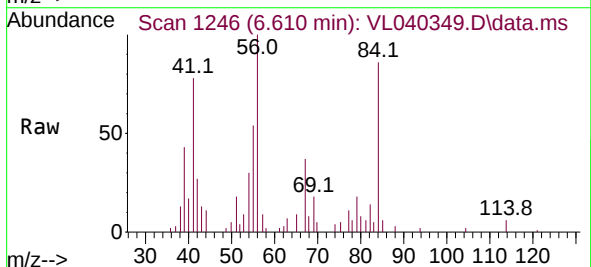
Tgt Ion: 83 Resp: 6963
Ion Ratio Lower Upper
83 100
85 60.4 52.8 79.2

Manual Integrations
APPROVED

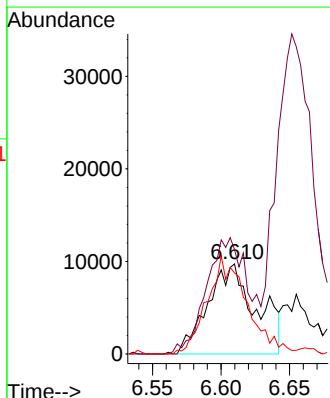
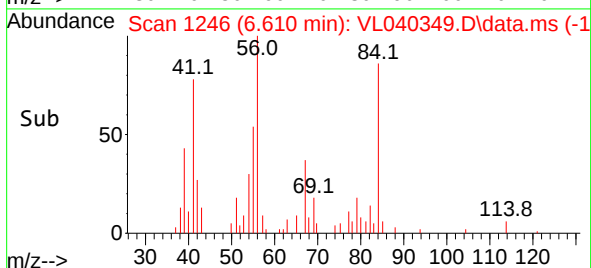
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

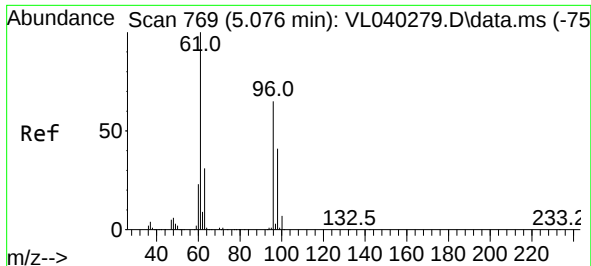


#30
Cyclohexane
Concen: 0.350 ppbv m
RT: 6.610 min Scan# 1246
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



Tgt Ion: 84 Resp: 23880
Ion Ratio Lower Upper
84 100
56 0.0 109.0 163.4#
41 91.4 67.9 101.9





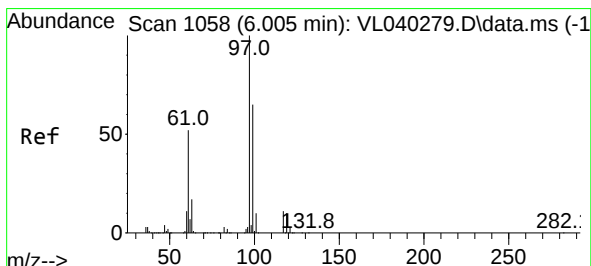
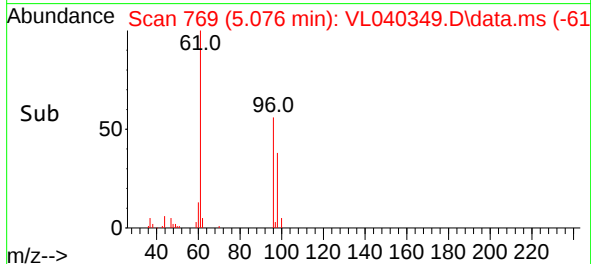
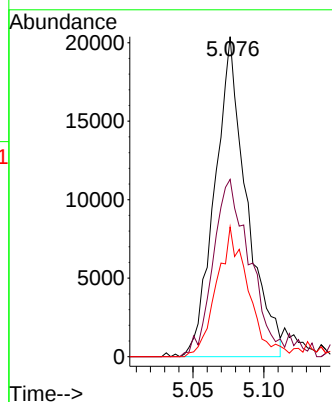
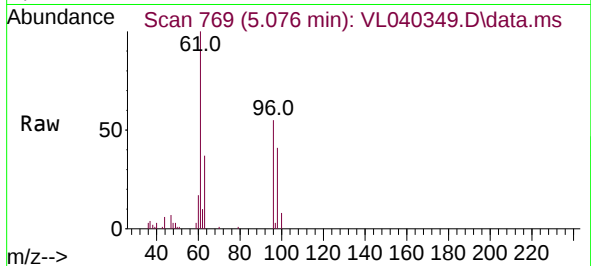
#31
 cis-1,2-Dichloroethene
 Concen: 0.376 ppbv
 RT: 5.076 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Tgt Ion: 61 Resp: 31714
 Ion Ratio Lower Upper
 61 100
 96 55.4 51.8 77.8
 98 40.6 32.5 48.7

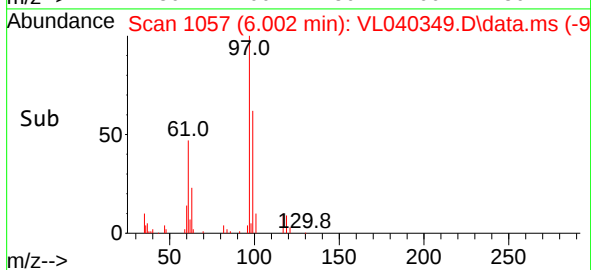
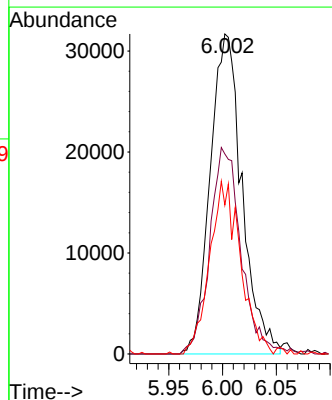
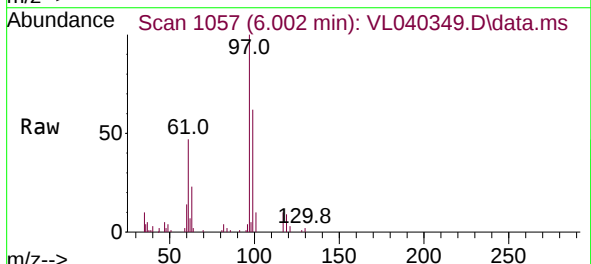
Manual Integrations
 APPROVED

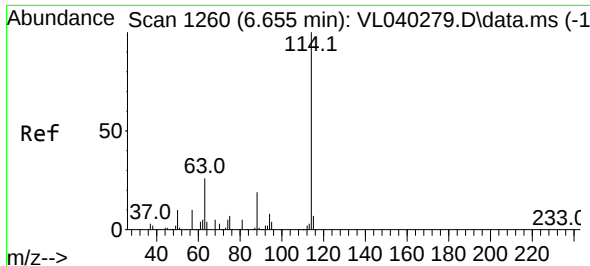
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.445 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.003 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

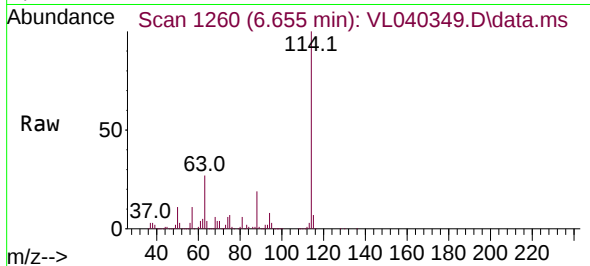
Tgt Ion: 97 Resp: 65100
 Ion Ratio Lower Upper
 97 100
 99 63.9 52.2 78.2
 61 53.0 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

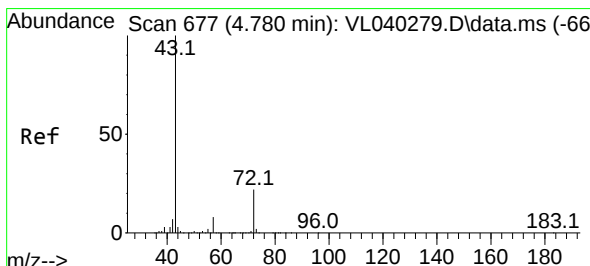
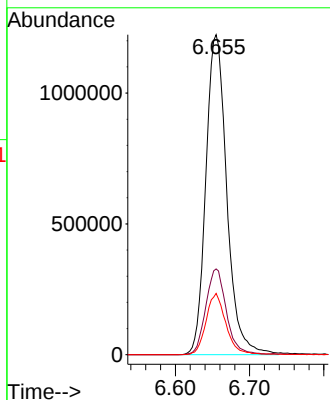
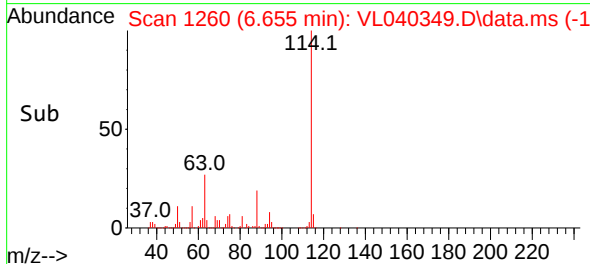
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2023



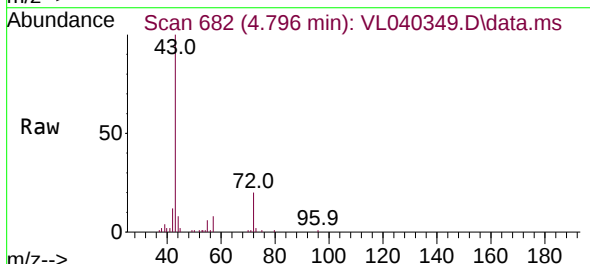
Tgt Ion:114 Resp: 2395992
Ion Ratio Lower Upper
114 100
63 26.8 21.2 31.8
88 18.3 14.5 21.7

Manual Integrations
APPROVED

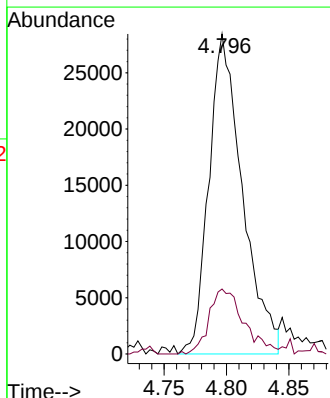
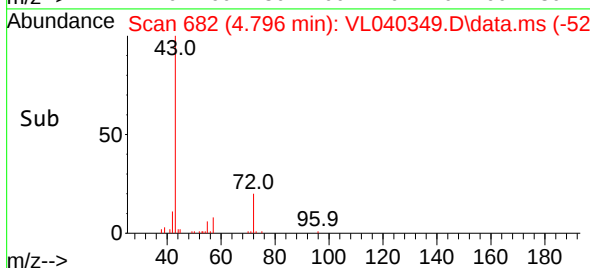
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

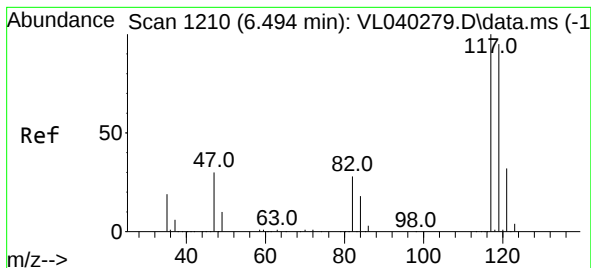


#34
2-Butanone
Concen: 0.451 ppbv
RT: 4.796 min Scan# 682
Delta R.T. 0.016 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



Tgt Ion: 43 Resp: 53327
Ion Ratio Lower Upper
43 100
72 23.3 18.3 27.5





#35

Carbon Tetrachloride

Concen: 0.429 ppbv

RT: 6.494 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

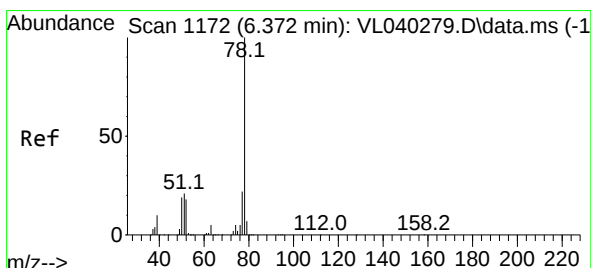
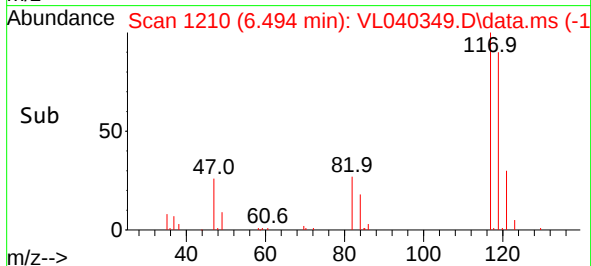
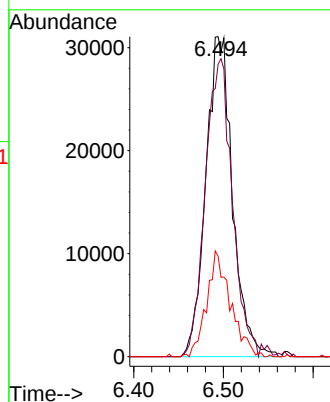
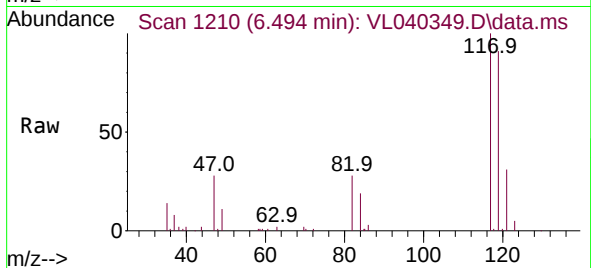
MDL-AIR-03-QT2-2023

Tgt Ion: 117	Resp: 6448
Ion Ratio	Lower Upper
117 100	
119 91.4	76.4 114.6
121 31.4	25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#36

Benzene

Concen: 0.365 ppbv

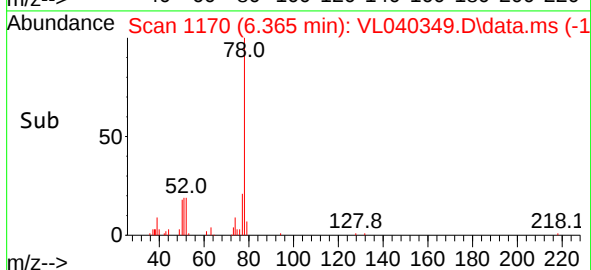
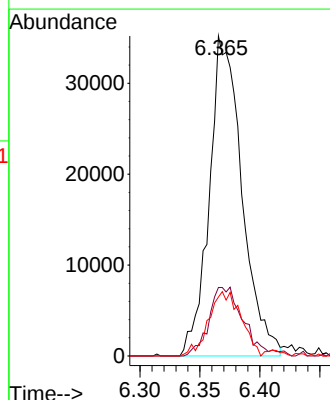
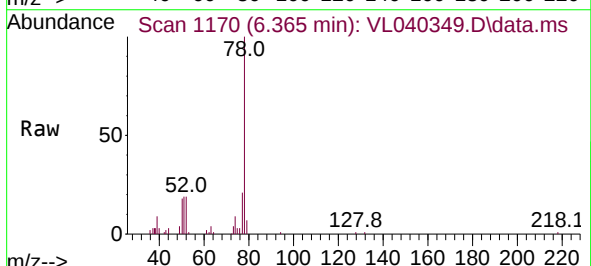
RT: 6.365 min Scan# 1170

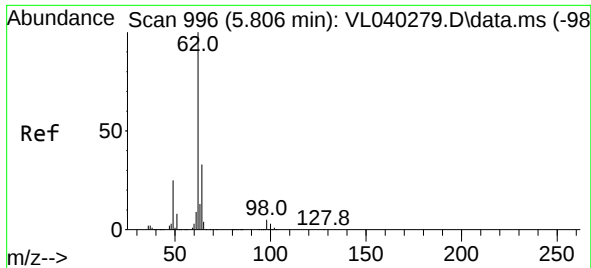
Delta R.T. -0.007 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

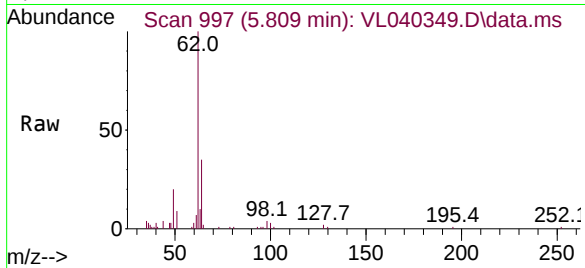
Tgt Ion: 78	Resp: 66687
Ion Ratio	Lower Upper
78 100	
77 21.5	17.8 26.8
50 18.5	15.4 23.2





#37
1,2-Dichloroethane
Concen: 0.427 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

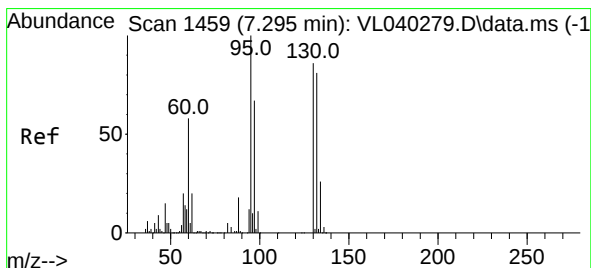
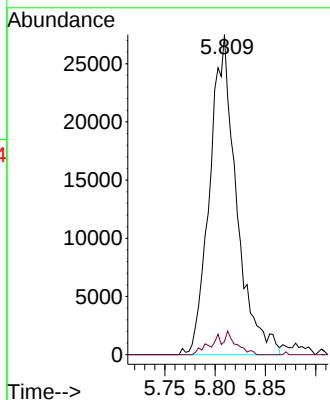
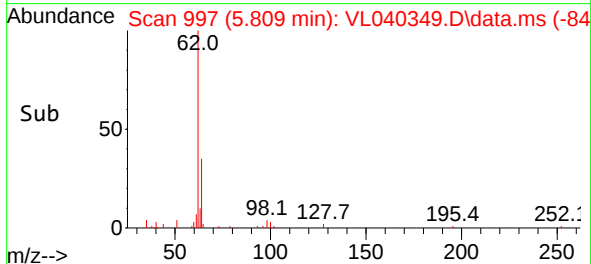
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 62 Resp: 5074
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5

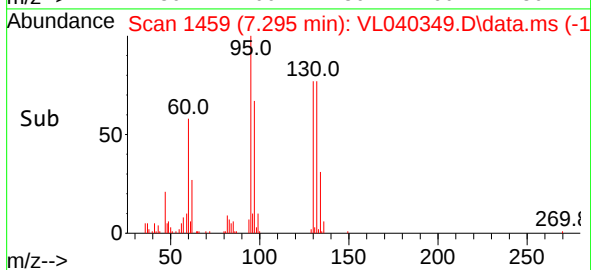
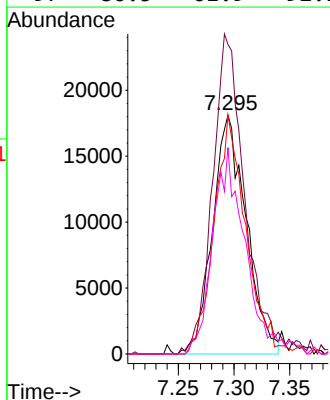
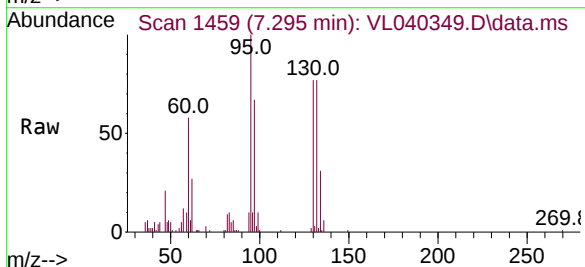
Manual Integrations
APPROVED

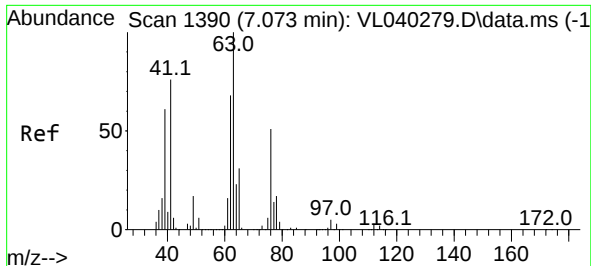
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#38
Trichloroethene
Concen: 0.381 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:130 Resp: 38014
Ion Ratio Lower Upper
130 100
95 129.7 93.0 139.4
132 100.1 75.3 112.9
97 86.5 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.385 ppbv

RT: 7.076 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

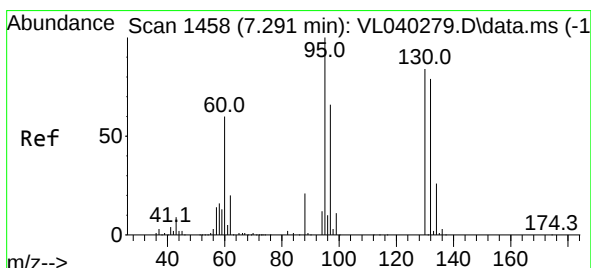
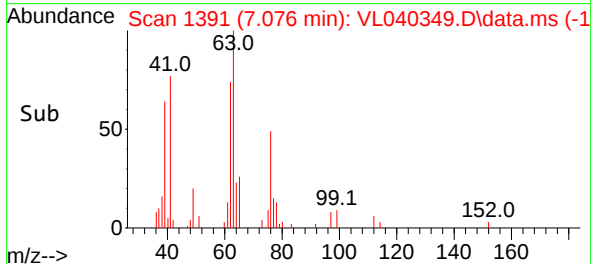
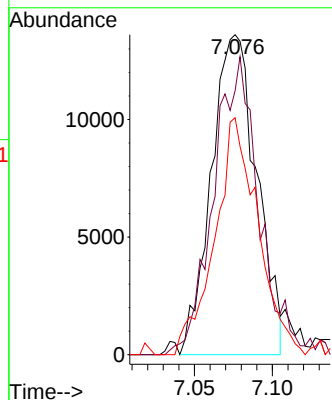
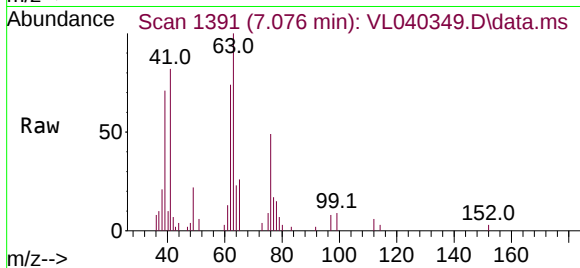
Tgt Ion: 63 Resp: 27584

Ion	Ratio	Lower	Upper
63	100		
41	79.0	60.8	91.2
62	68.3	54.1	81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#40

1,4-Dioxane

Concen: 0.330 ppbv m

RT: 7.340 min Scan# 1473

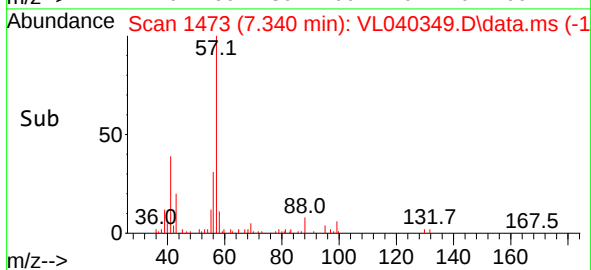
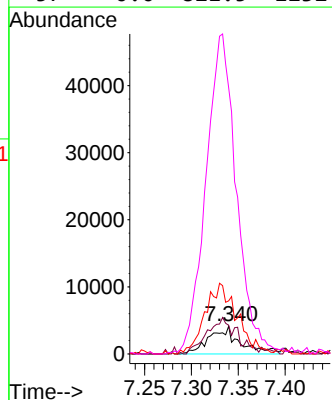
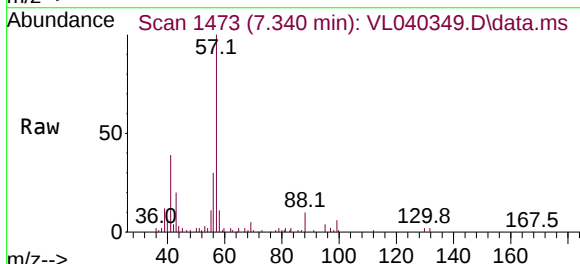
Delta R.T. 0.049 min

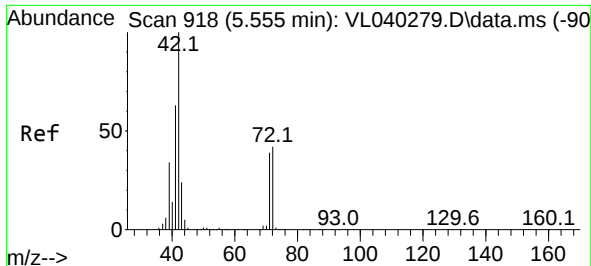
Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Tgt Ion: 88 Resp: 9364

Ion	Ratio	Lower	Upper
88	100		
58	0.0	96.0	144.0#
43	0.0	187.6	281.4#
57	0.0	821.5	1232.3#





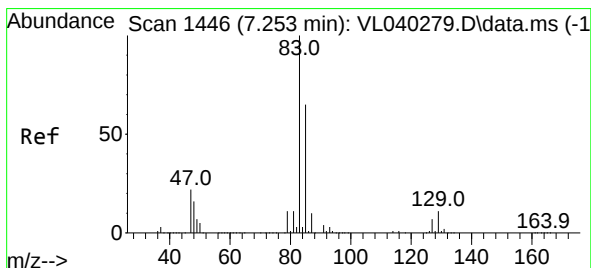
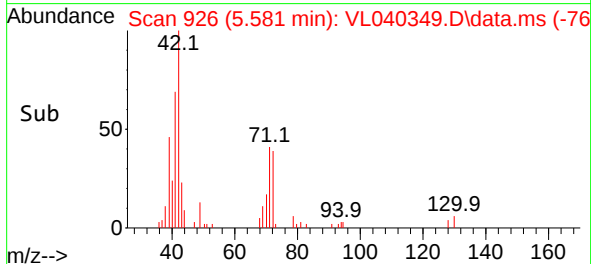
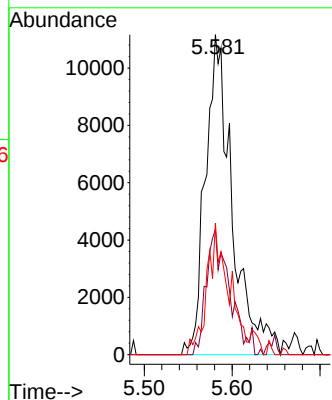
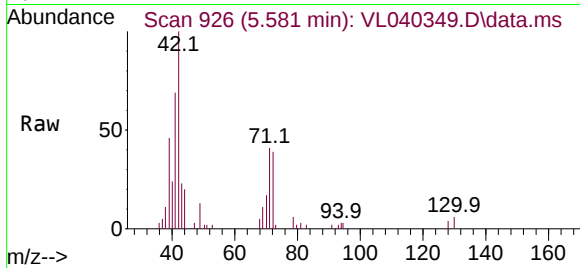
#41
Tetrahydrofuran
Concen: 0.347 ppbv m
RT: 5.581 min Scan# 918
Delta R.T. 0.026 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 42 Resp: 2366
Ion Ratio Lower Upper
42 100
72 35.7 32.6 49.0
71 36.3 31.0 46.4

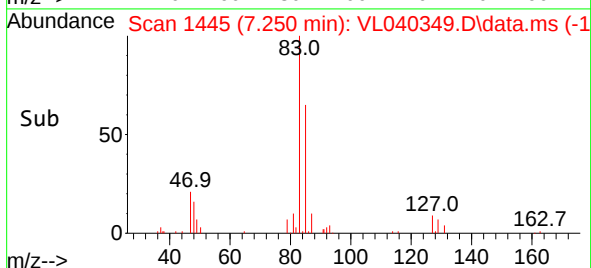
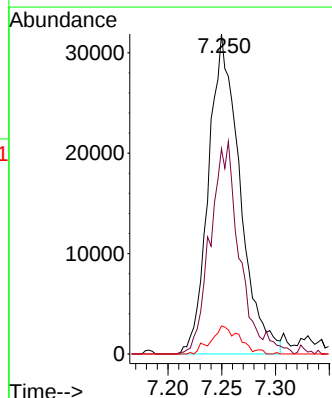
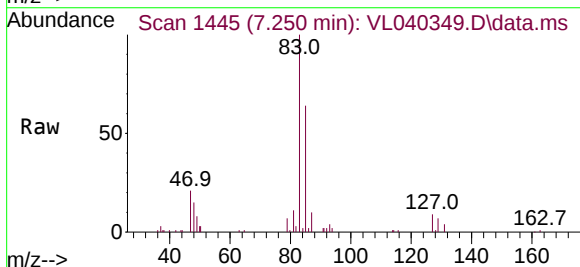
Manual Integrations
APPROVED

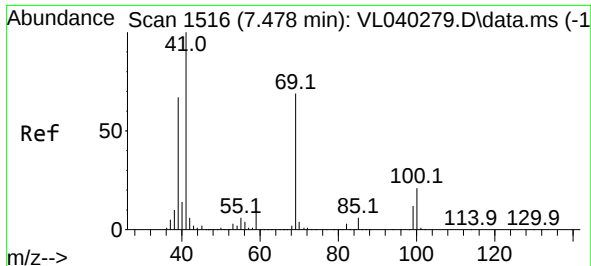
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#42
Bromodichloromethane
Concen: 0.397 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

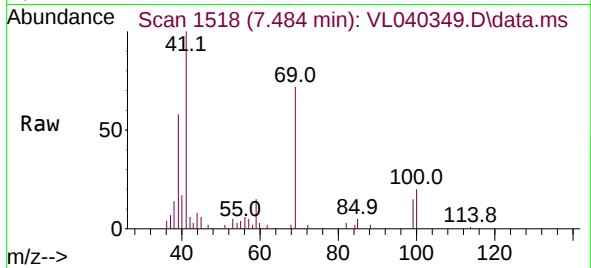
Tgt Ion: 83 Resp: 64536
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1
127 8.8 5.8 8.6#





#43
Methyl Methacrylate
Concen: 0.305 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

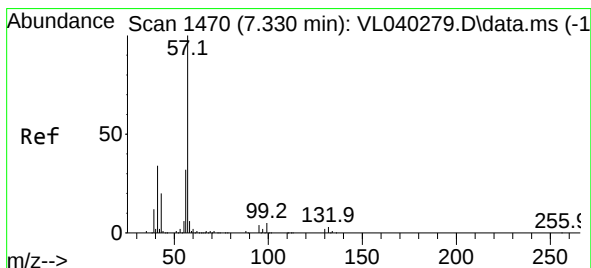
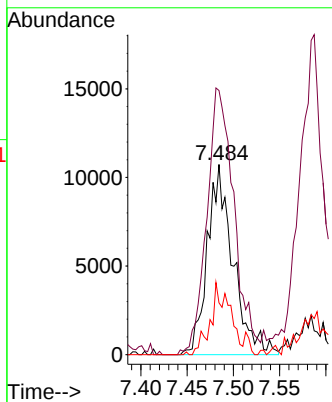
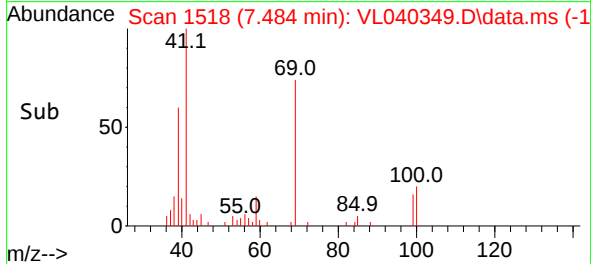
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2023



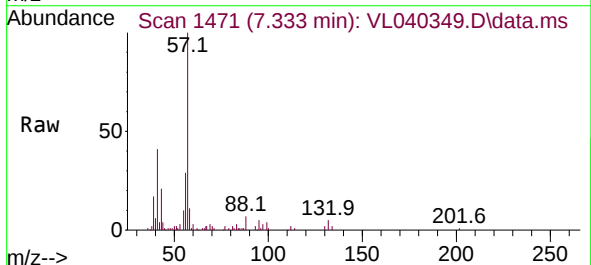
Tgt Ion: 69 Resp: 2069
Ion Ratio Lower Upper
69 100
41 150.9 116.9 175.3
100 30.7 24.2 36.4

Manual Integrations
APPROVED

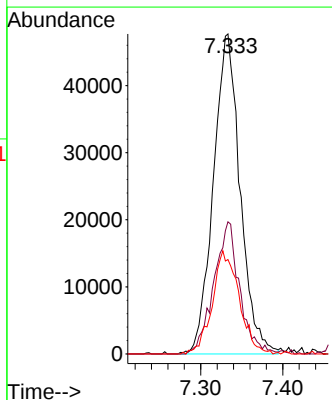
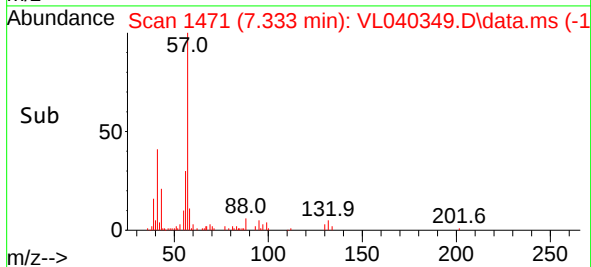
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

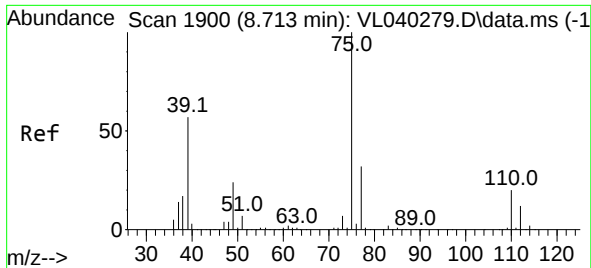


#44
2,2,4-Trimethylpentane
Concen: 0.356 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



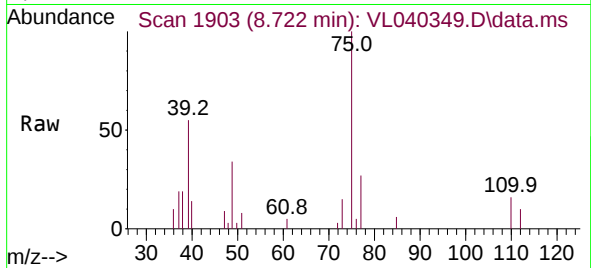
Tgt Ion: 57 Resp: 108270
Ion Ratio Lower Upper
57 100
41 40.1 26.8 40.2
56 32.2 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 0.256 ppbv m
RT: 8.722 min Scan# 1900
Delta R.T. 0.009 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

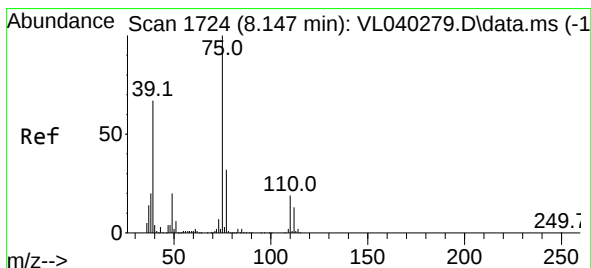
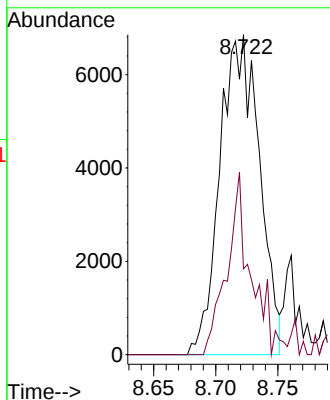
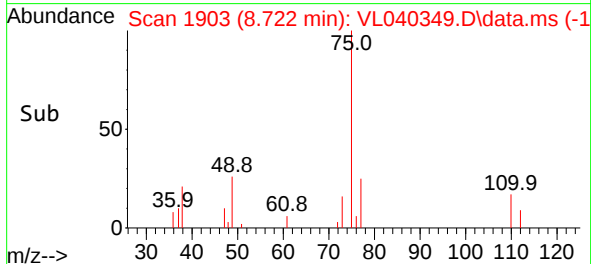
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 75 Resp: 15138
Ion Ratio Lower Upper
75 100
77 26.8 25.4 38.0

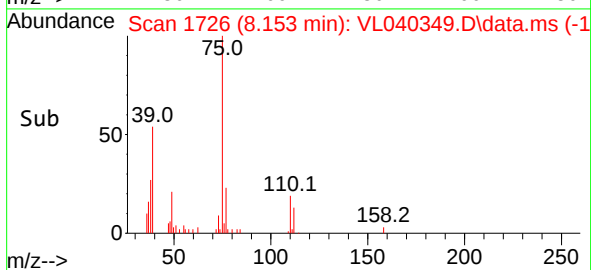
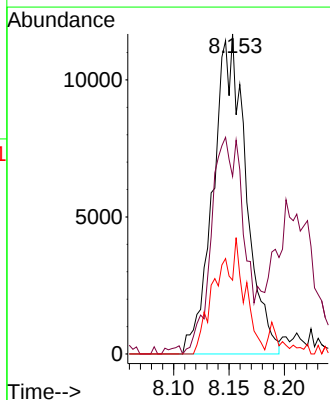
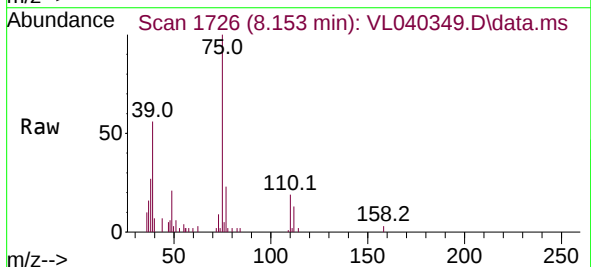
Manual Integrations
APPROVED

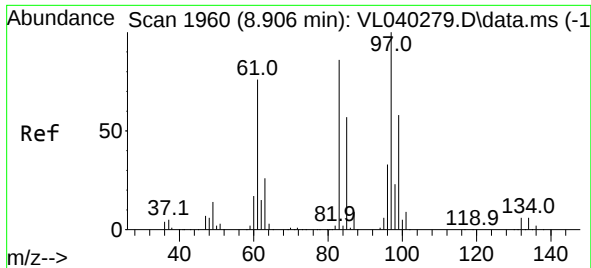
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#46
cis-1,3-Dichloropropene
Concen: 0.287 ppbv m
RT: 8.153 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

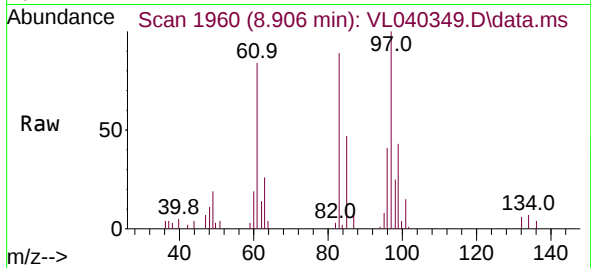
Tgt Ion: 75 Resp: 24080
Ion Ratio Lower Upper
75 100
39 55.5 53.9 80.9
77 23.1 25.3 37.9#





#47
1,1,2-Trichloroethane
Concen: 0.403 ppbv m
RT: 8.906 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

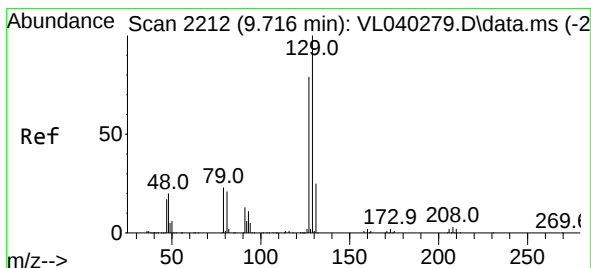
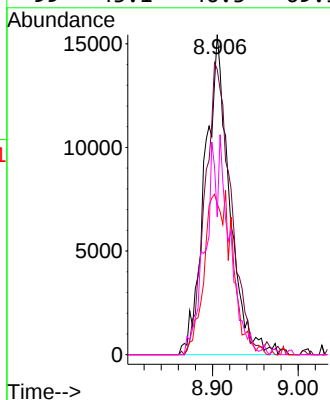
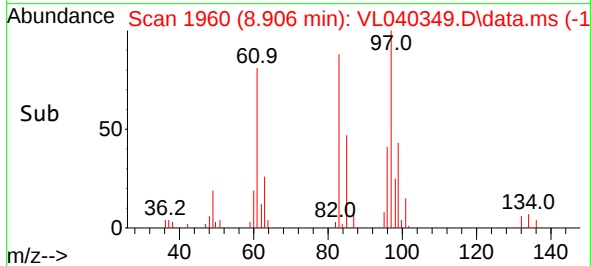
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2023



Tgt Ion: 97 Resp: 30828
Ion Ratio Lower Upper
97 100
83 89.2 68.6 103.0
85 47.2 46.0 69.0
99 43.1 46.3 69.5#

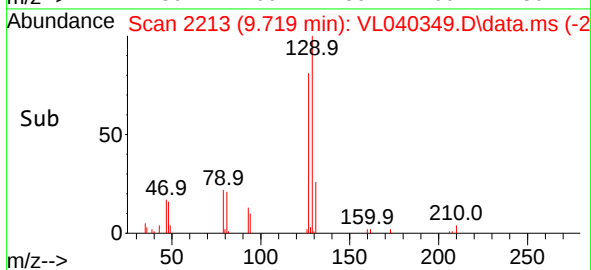
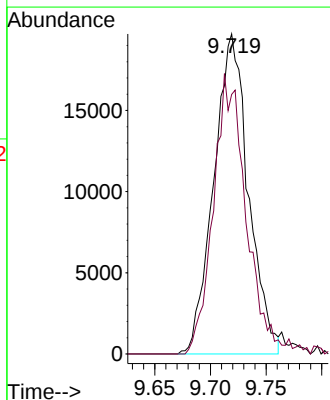
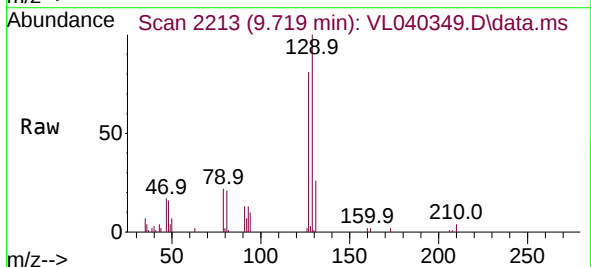
Manual Integrations
APPROVED

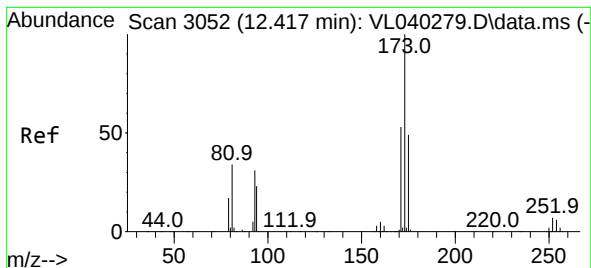
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#48
Dibromochloromethane
Concen: 0.339 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:129 Resp: 42687
Ion Ratio Lower Upper
129 100
127 83.9 39.1 117.5





#49

Bromoform

Concen: 0.337 ppbv m

RT: 12.413 min Scan# 3052

Delta R.T. -0.004 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

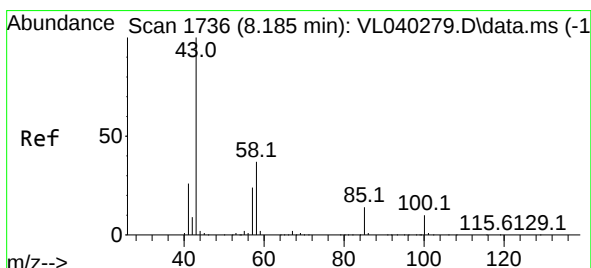
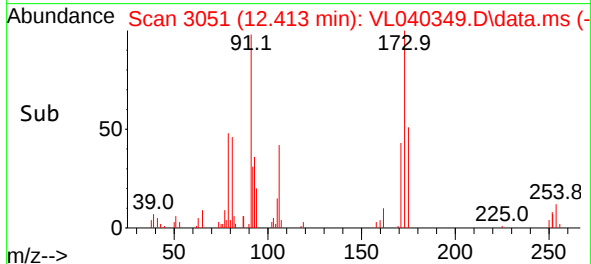
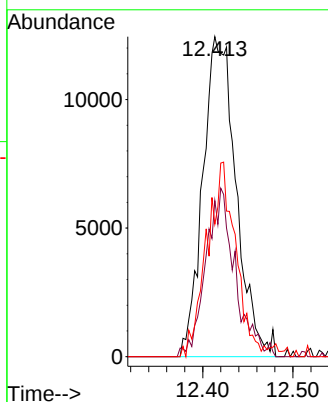
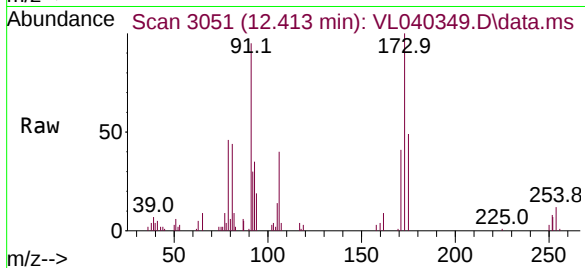
MDL-AIR-03-QT2-2023

Tgt Ion:173	Resp:	3180
Ion Ratio	Lower	Upper
173	100	
175	0.0	39.8
171	0.0	42.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#50

4-Methyl-2-Pentanone

Concen: 0.339 ppbv m

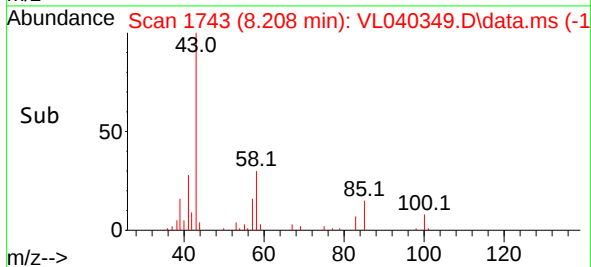
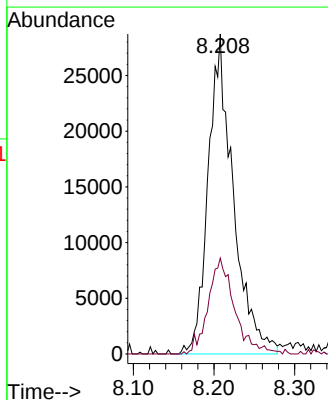
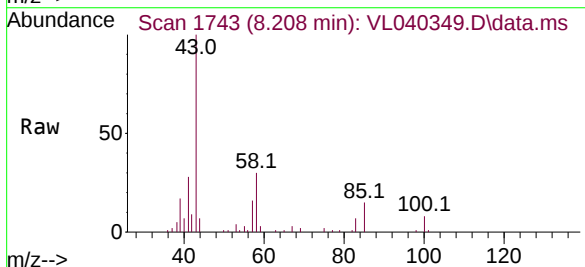
RT: 8.208 min Scan# 1743

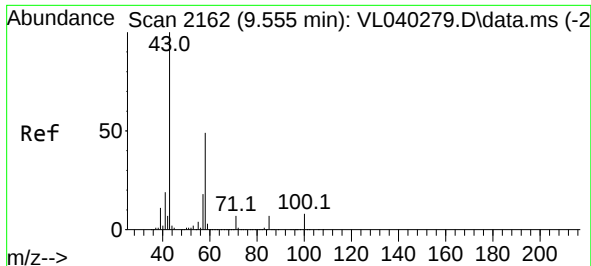
Delta R.T. 0.023 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

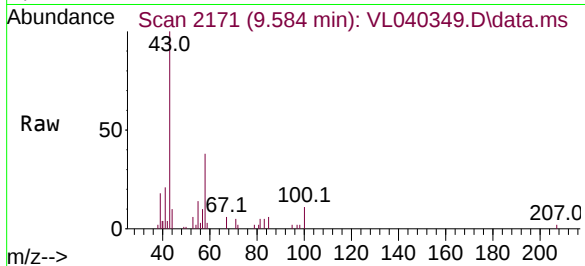
Tgt Ion: 43	Resp:	62082
Ion Ratio	Lower	Upper
43	100	
58	31.7	29.2





#51
2-Hexanone
Concen: 0.290 ppbv m
RT: 9.584 min Scan# 2162
Delta R.T. 0.029 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

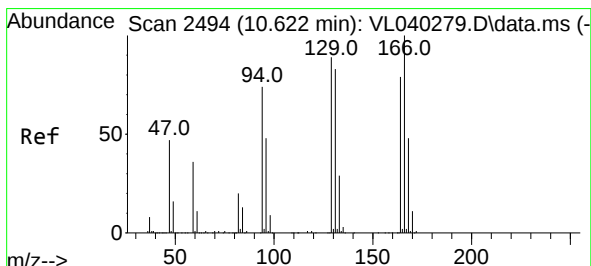
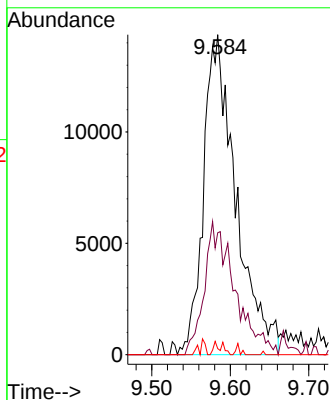
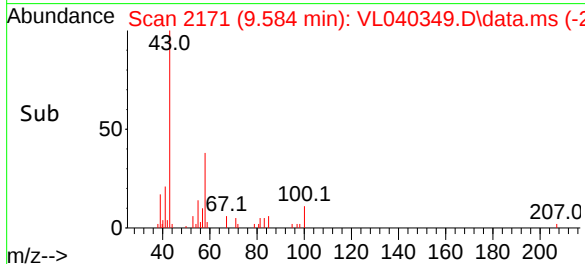
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 43 Resp: 4109
Ion Ratio Lower Upper
43 100
58 39.3 38.0 57.0
98 2.2 0.5 0.7

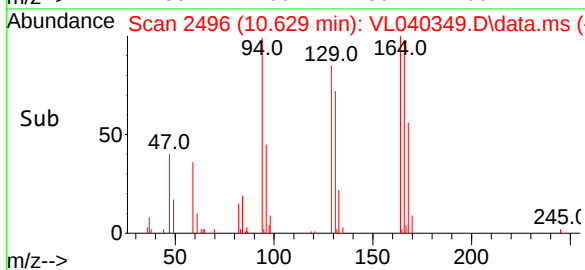
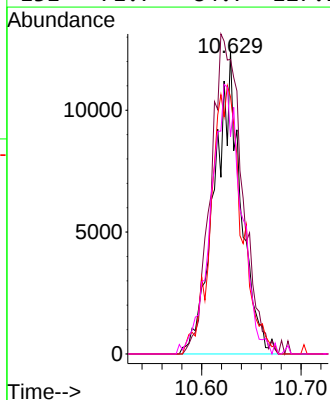
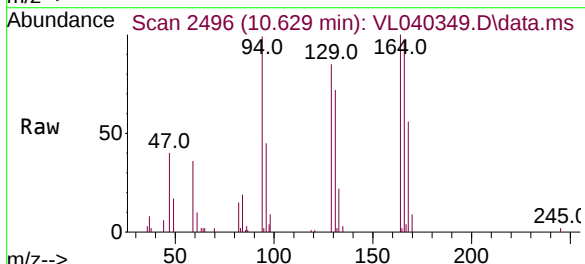
Manual Integrations
APPROVED

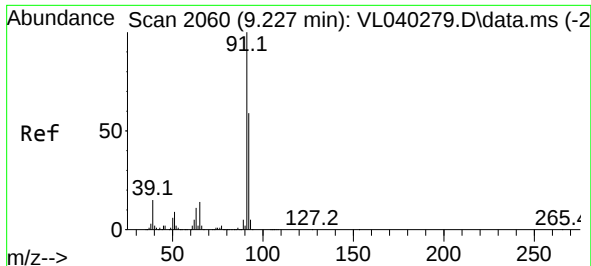
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#52
Tetrachloroethene
Concen: 0.421 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

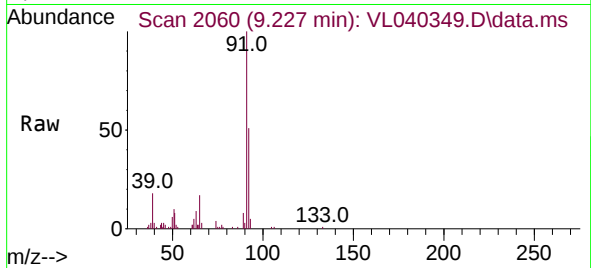
Tgt Ion:164 Resp: 23238
Ion Ratio Lower Upper
164 100
166 97.2 101.8 152.6#
129 84.8 90.2 135.2#
131 71.7 84.7 127.1#





#53
Toluene
Concen: 0.291 ppbv m
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

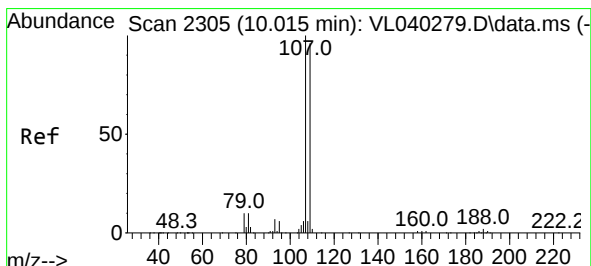
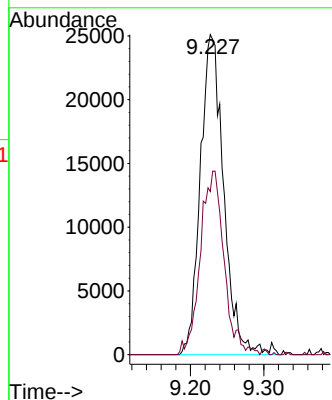
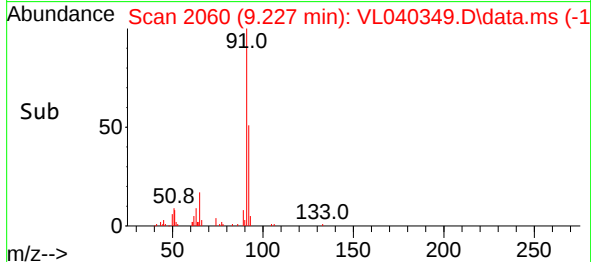
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



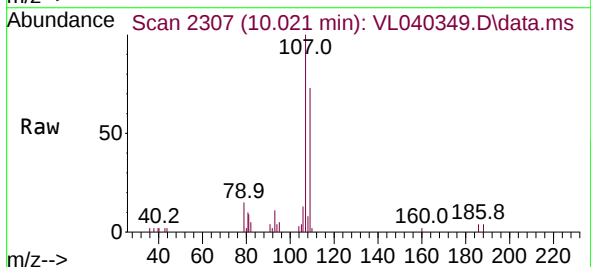
Tgt Ion: 91 Resp: 55634
Ion Ratio Lower Upper
91 100
92 58.5 48.0 72.0

Manual Integrations
APPROVED

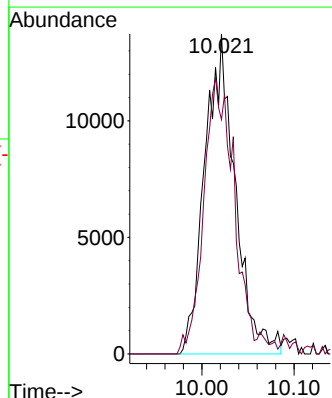
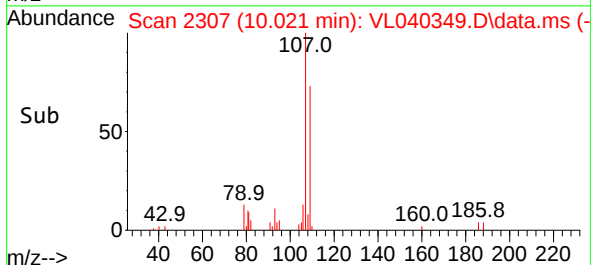
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

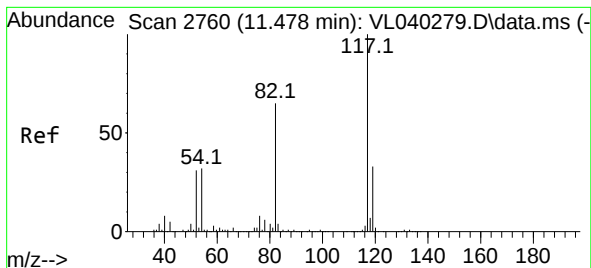


#54
1,2-Dibromoethane
Concen: 0.398 ppbv m
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



Tgt Ion:107 Resp: 31300
Ion Ratio Lower Upper
107 100
109 73.3 77.0 115.6#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion:117 Resp: 214070

Ion Ratio Lower Upper

117 100

82 69.1 51.4 77.2

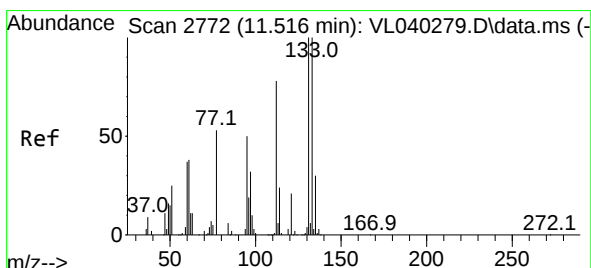
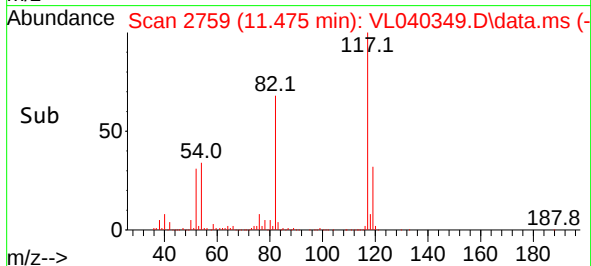
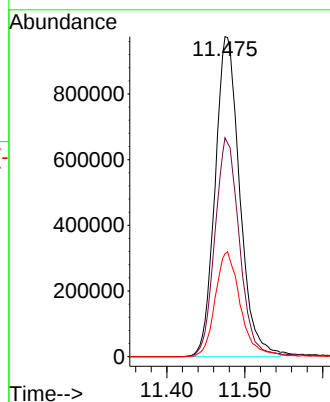
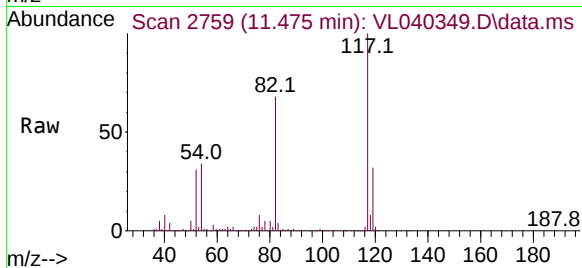
119 33.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 0.434 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.007 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

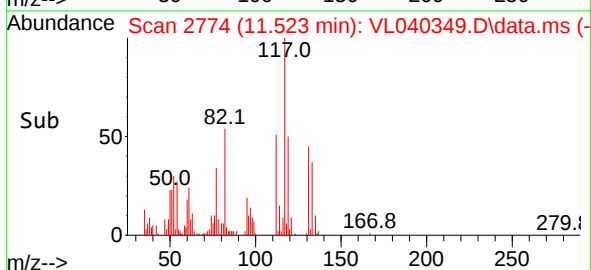
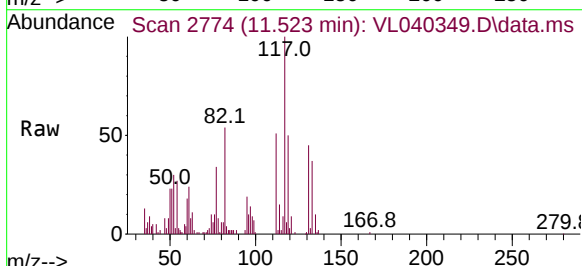
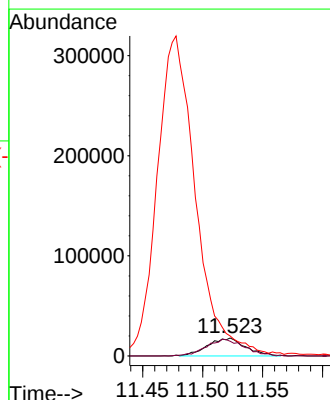
Tgt Ion:131 Resp: 39078

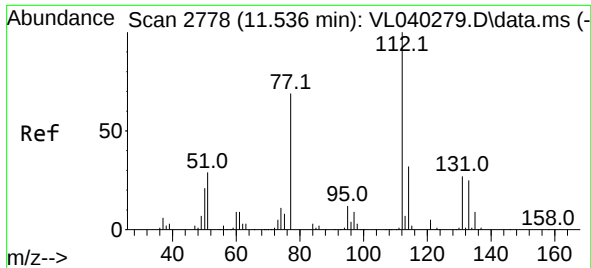
Ion Ratio Lower Upper

131 100

133 94.1 76.5 114.7

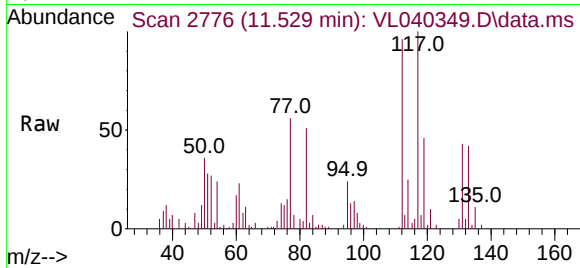
119 1848.4 47.9 71.9#





#57
Chlorobenzene
Concen: 0.433 ppbv m
RT: 11.529 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

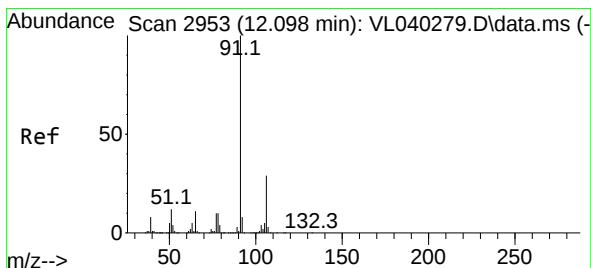
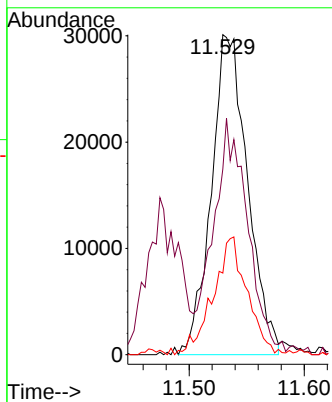
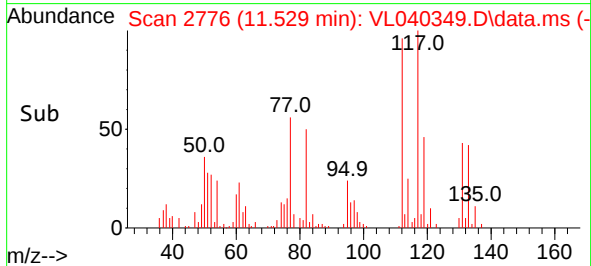
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion:112 Resp: 6596
Ion Ratio Lower Upper
112 100
77 58.0 56.2 84.2
114 25.5 29.0 35.4

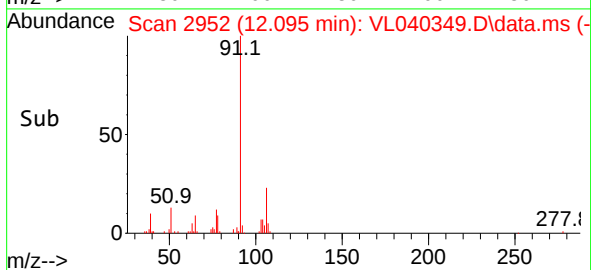
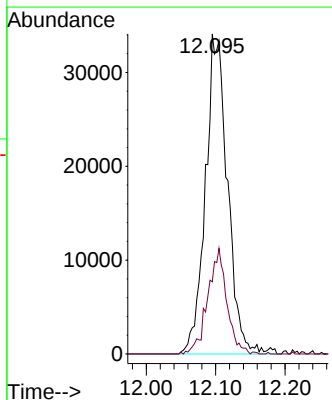
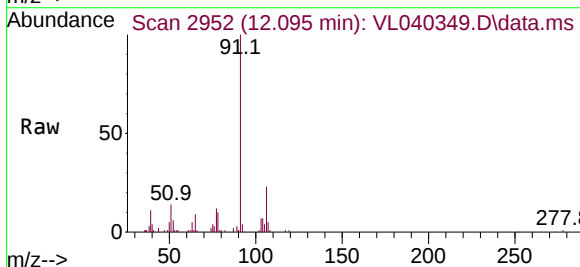
Manual Integrations
APPROVED

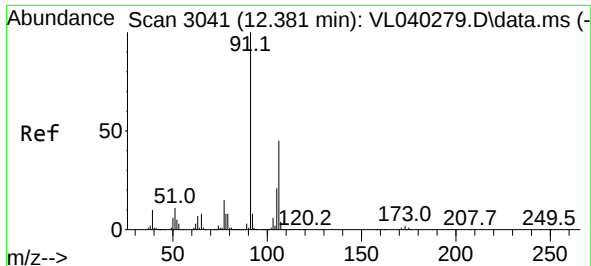
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#58
Ethyl Benzene
Concen: 0.310 ppbv m
RT: 12.095 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 91 Resp: 75546
Ion Ratio Lower Upper
91 100
106 22.6 23.4 35.2#





#59

m/p-Xylene

Concen: 0.659 ppbv m

RT: 12.381 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion: 91 Resp: 14723

Ion Ratio Lower Upper

91 100

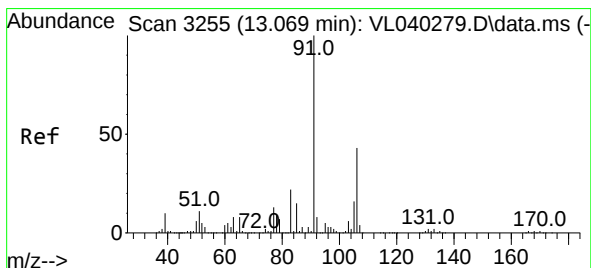
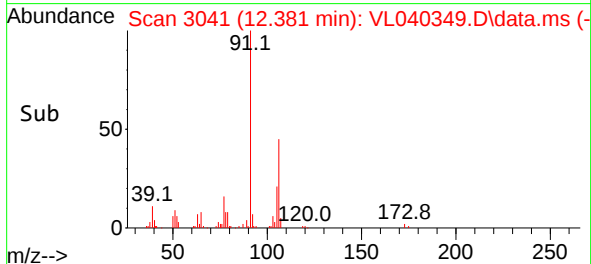
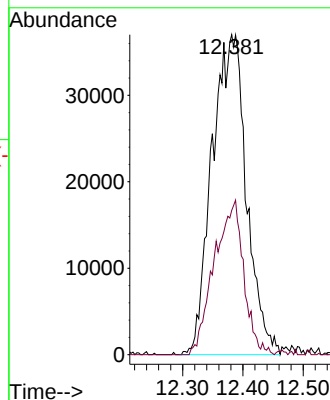
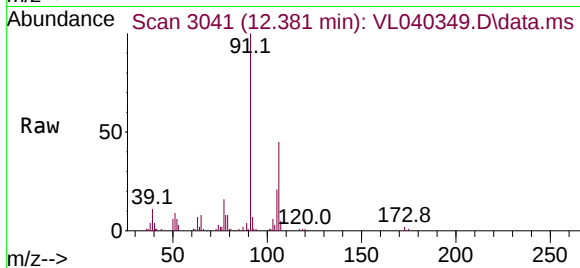
106 0.0 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#60

o-Xylene

Concen: 0.327 ppbv m

RT: 13.073 min Scan# 3256

Delta R.T. 0.004 min

Lab File: VL040349.D

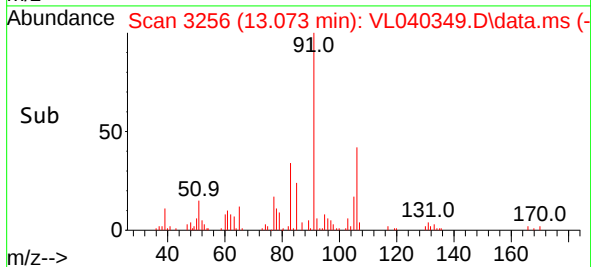
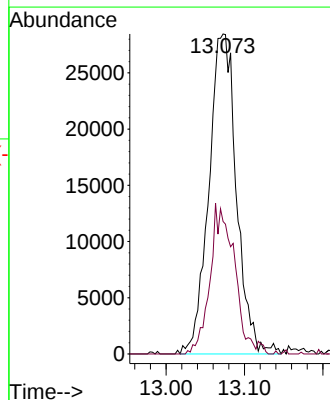
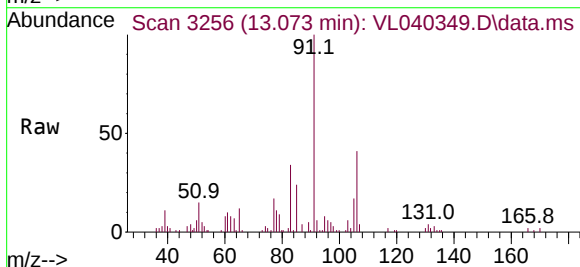
Acq: 12 Apr 2023 23:23

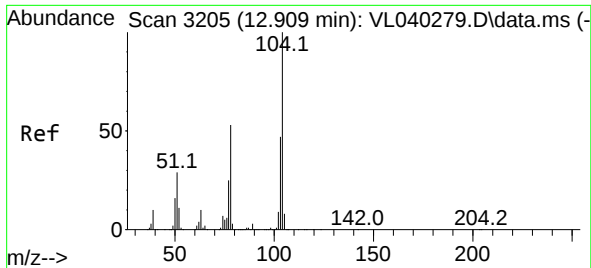
Tgt Ion: 91 Resp: 69904

Ion Ratio Lower Upper

91 100

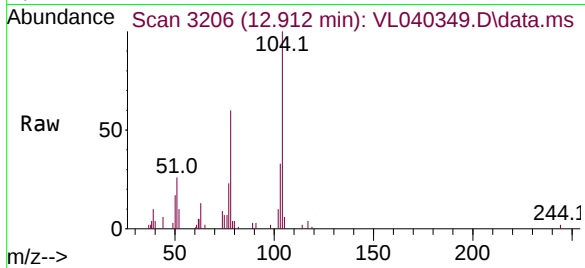
106 41.6 21.7 65.1





#61
Styrene
Concen: 0.257 ppbv m
RT: 12.912 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

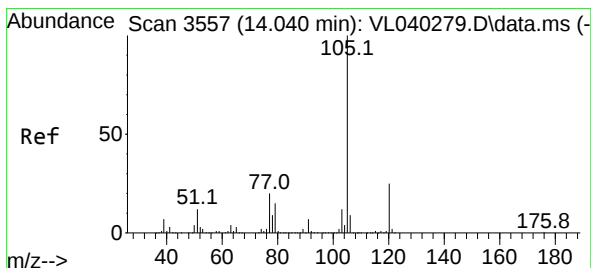
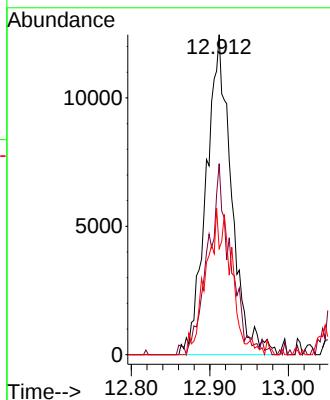
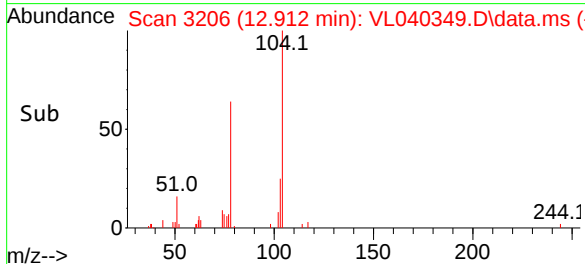
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



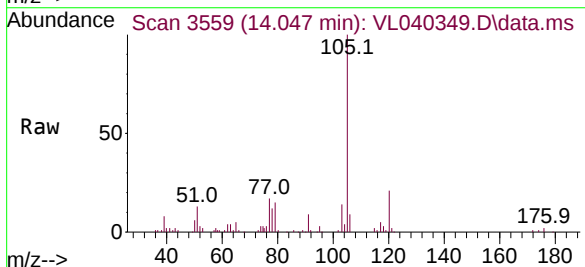
Tgt Ion:104 Resp: 2788
Ion Ratio Lower Upper
104 100
78 54.4 43.7 65.5
103 47.2 37.4 56.2

Manual Integrations
APPROVED

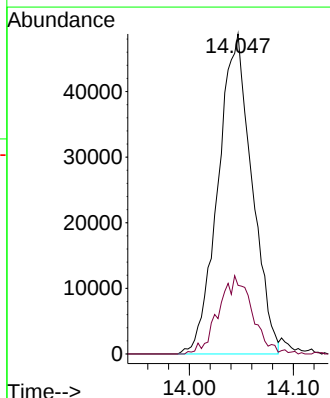
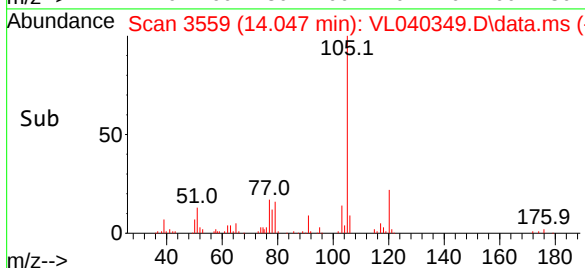
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

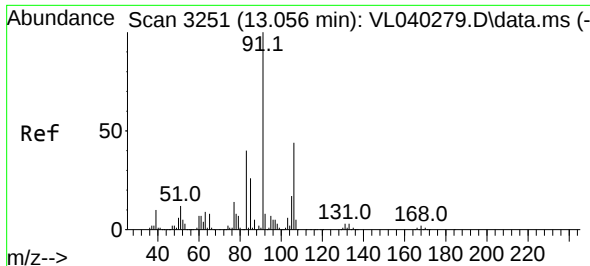


#62
Isopropylbenzene
Concen: 0.363 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



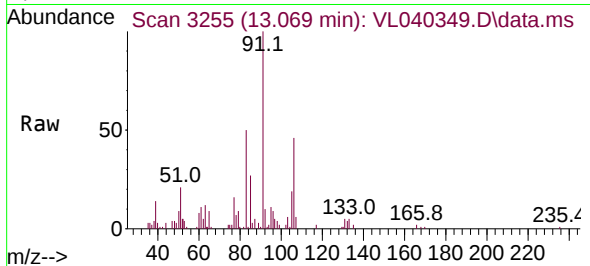
Tgt Ion:105 Resp: 110425
Ion Ratio Lower Upper
105 100
120 24.5 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.452 ppbv m
RT: 13.069 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

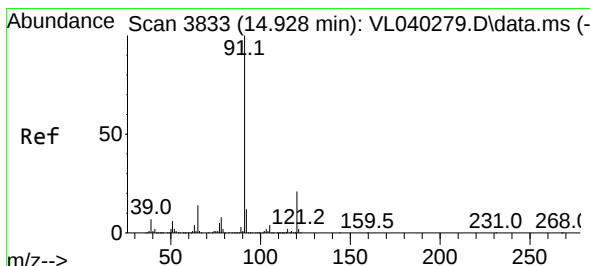
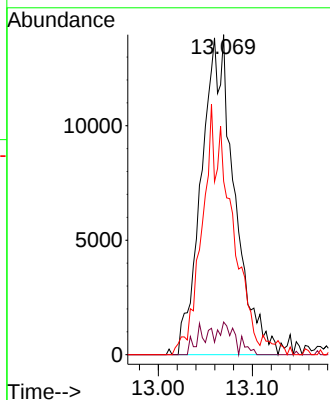
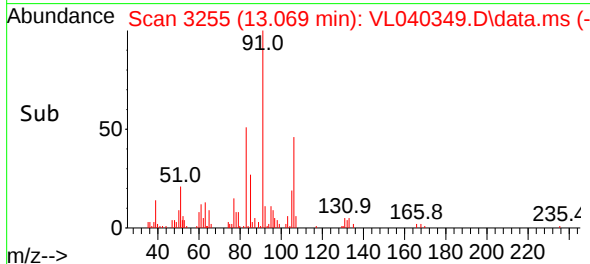
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



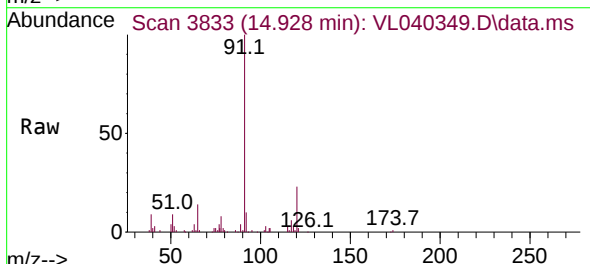
Tgt Ion: 83 Resp: 3397
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.9
85 71.8 32.7 98.1

Manual Integrations
APPROVED

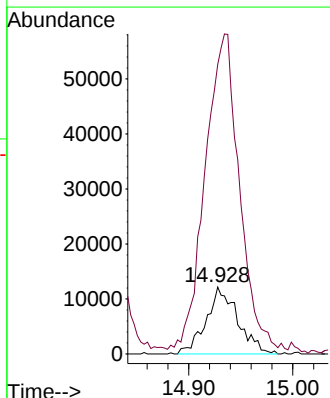
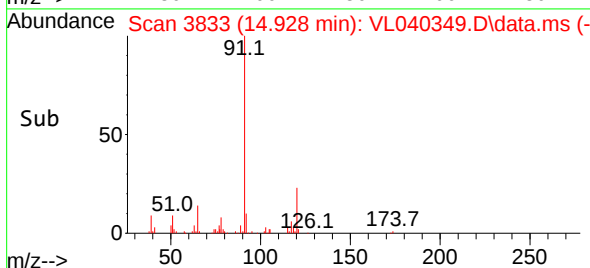
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

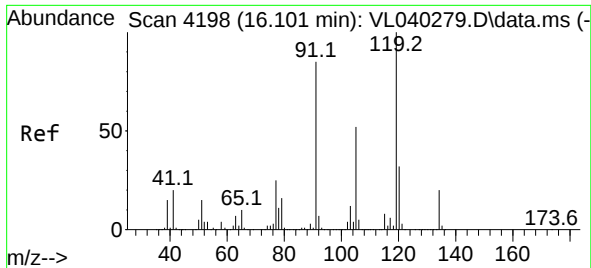


#64
n-propylbenzene
Concen: 0.345 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



Tgt Ion:120 Resp: 25629
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6#





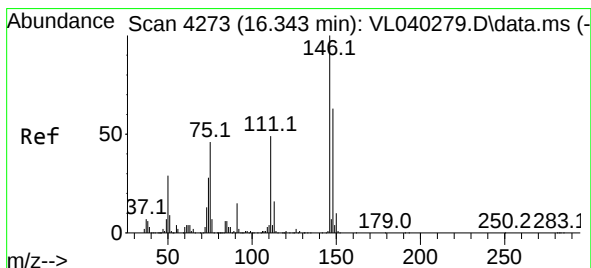
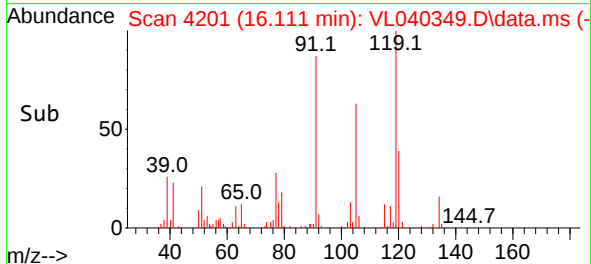
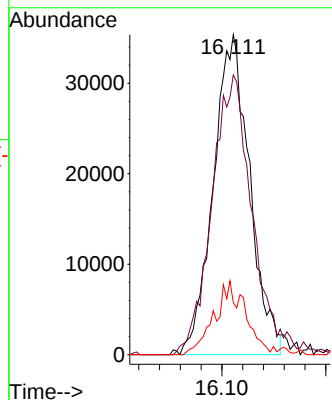
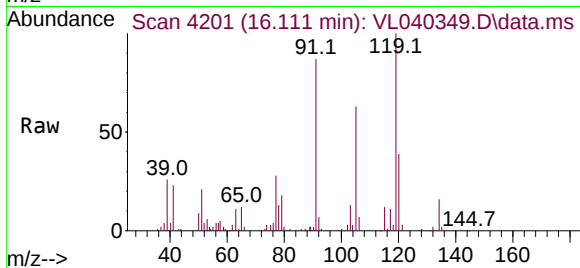
#65
tert-Butylbenzene
Concen: 0.327 ppbv
RT: 16.111 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 119 Resp: 8559
Ion Ratio Lower Upper
119 100
91 98.6 69.4 104.2
134 20.6 15.8 23.6

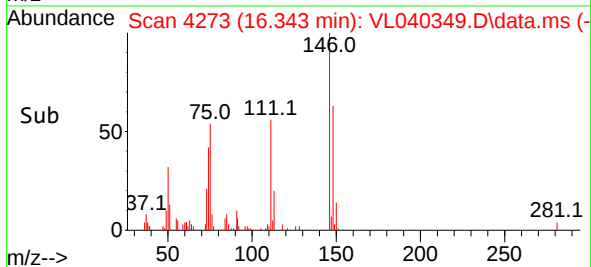
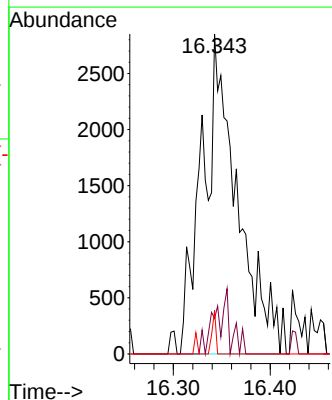
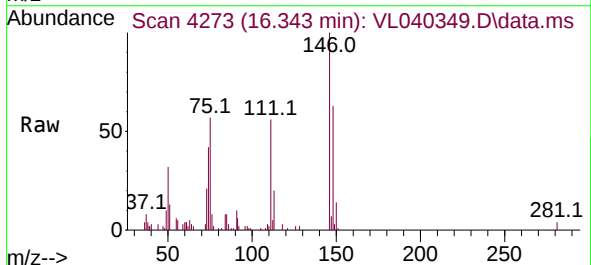
Manual Integrations
APPROVED

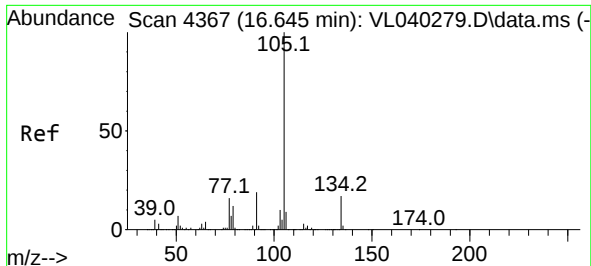
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#66
Benzyl Chloride
Concen: 0.421 ppbv m
RT: 16.343 min Scan# 4273
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 91 Resp: 7169
Ion Ratio Lower Upper
91 100
126 0.0 12.1 18.1#
128 0.0 3.8 5.6#





#67

sec-Butylbenzene

Concen: 0.335 ppbv

RT: 16.651 min Scan# 4367

Delta R.T. 0.006 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion:105 Resp: 125389

Ion Ratio Lower Upper

105 100

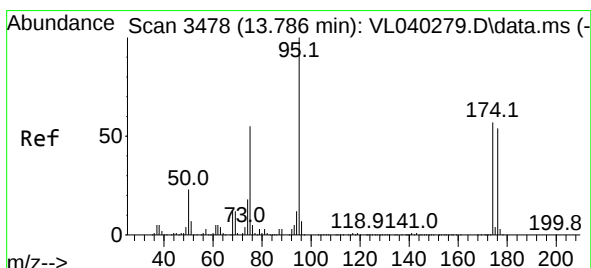
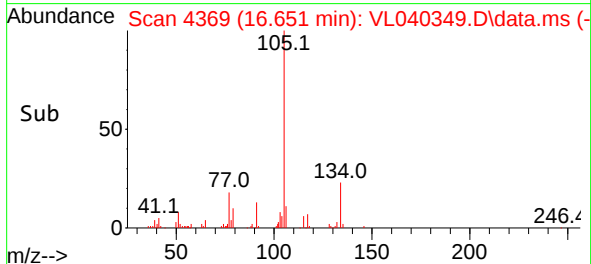
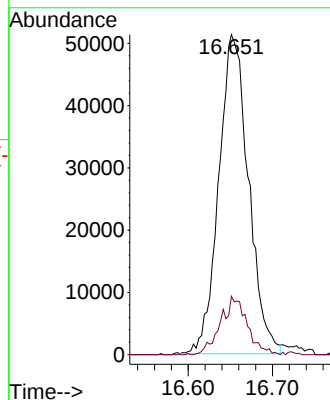
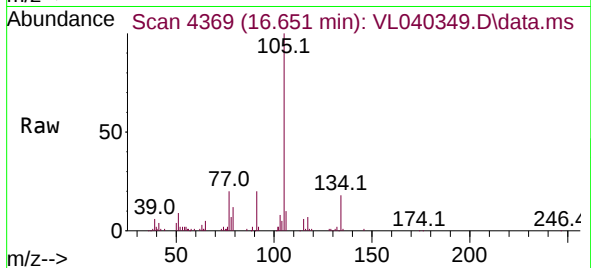
134 16.3 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 10.249 ppbv

RT: 13.790 min Scan# 3479

Delta R.T. 0.004 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

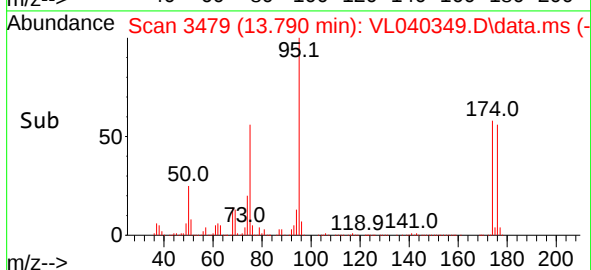
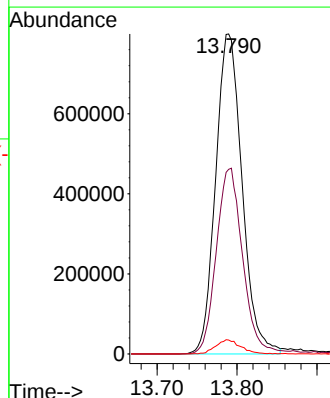
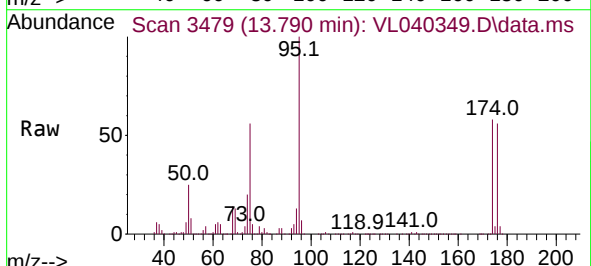
Tgt Ion: 95 Resp: 1837310

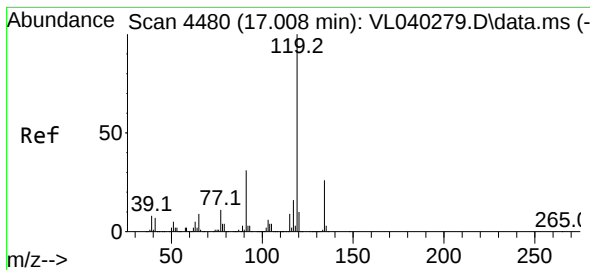
Ion Ratio Lower Upper

95 100

174 59.0 47.0 70.6

175 4.3 3.4 5.2





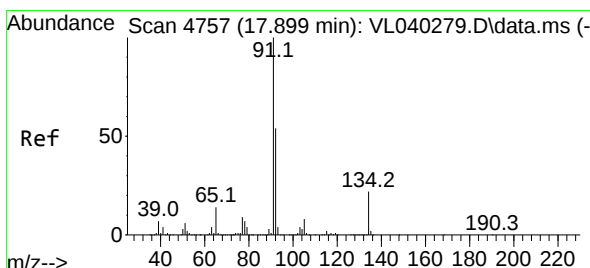
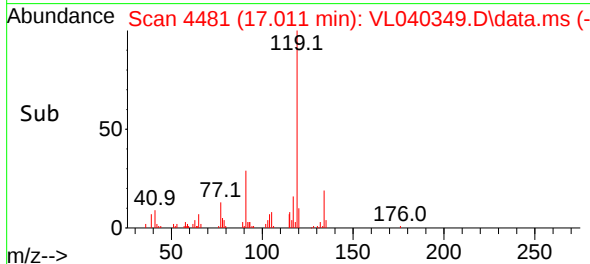
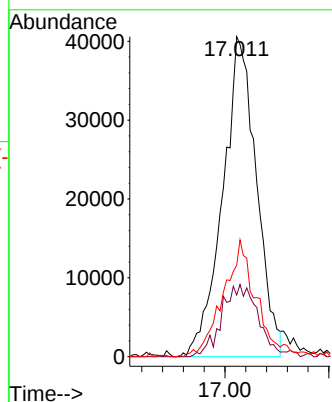
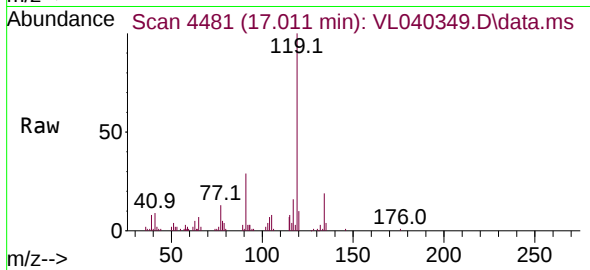
#69
p-Isopropyltoluene
Concen: 0.314 ppbv
RT: 17.011 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion:119 Resp: 91554
Ion Ratio Lower Upper
119 100
134 24.9 20.2 30.2
91 36.7 25.1 37.7

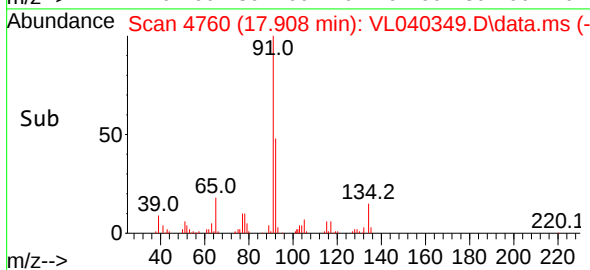
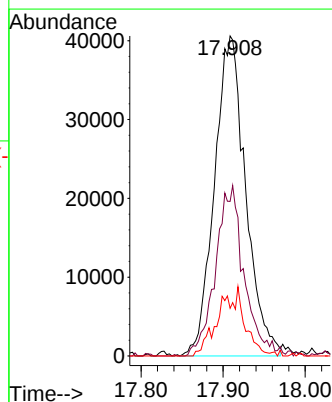
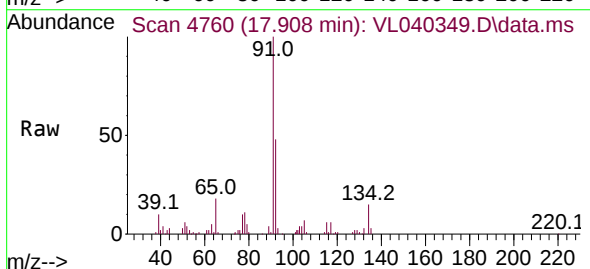
Manual Integrations
APPROVED

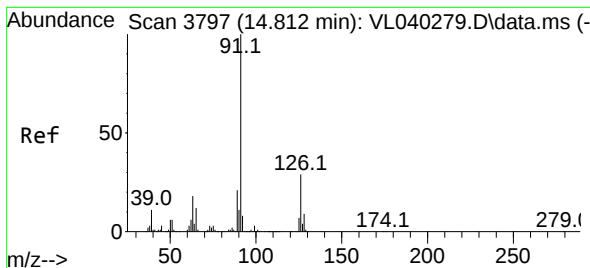
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#70
n-Butylbenzene
Concen: 0.334 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.009 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 91 Resp: 107417
Ion Ratio Lower Upper
91 100
92 49.1 42.9 64.3
134 18.5 16.8 25.2





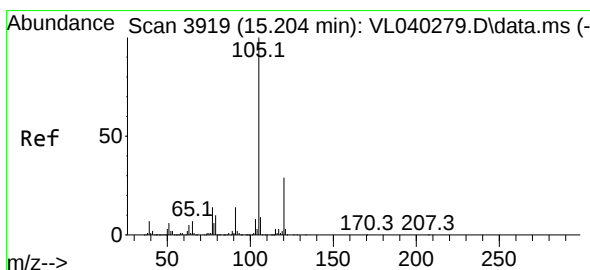
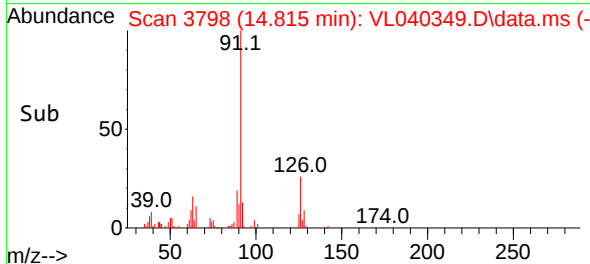
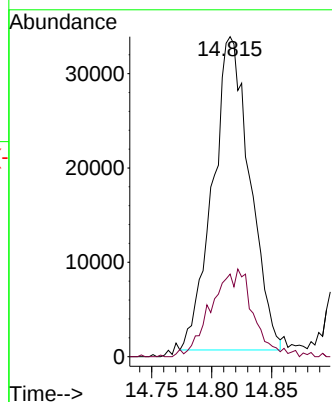
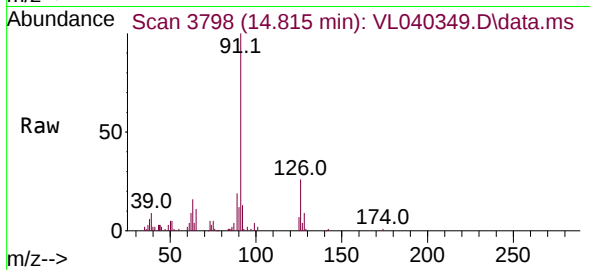
#71
2-Chlorotoluene
Concen: 0.310 ppbv
RT: 14.815 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 91 Resp: 71788
Ion Ratio Lower Upper
91 100
126 31.7 11.8 47.4

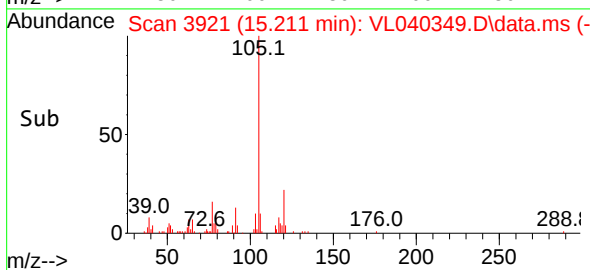
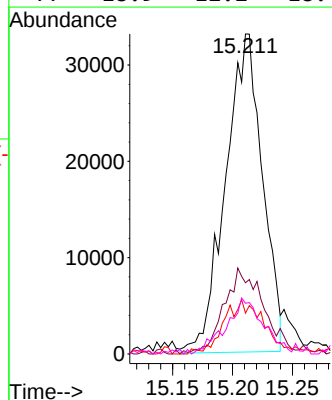
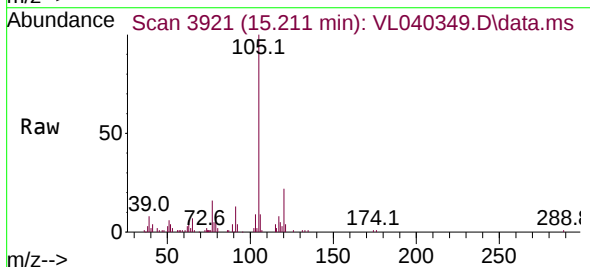
Manual Integrations
APPROVED

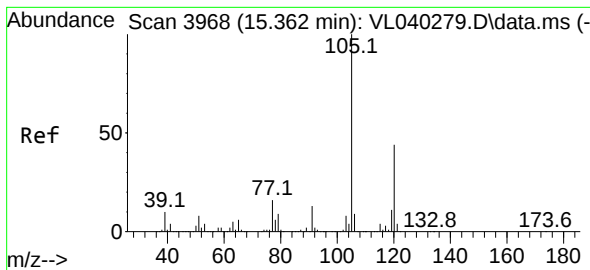
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#72
4-Ethyltoluene
Concen: 0.303 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:105 Resp: 70809
Ion Ratio Lower Upper
105 100
120 30.0 23.7 35.5
91 19.6 11.6 17.4#
77 18.9 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.311 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. -0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion:105 Resp: 6565

Ion Ratio Lower Upper

105 100

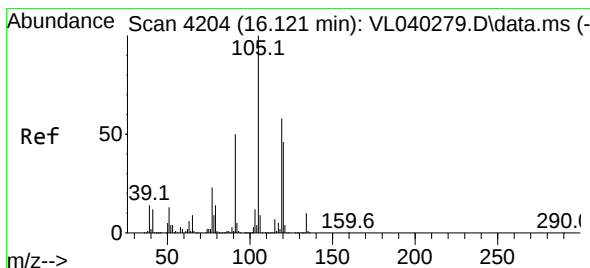
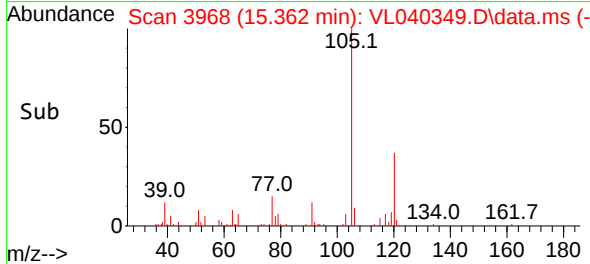
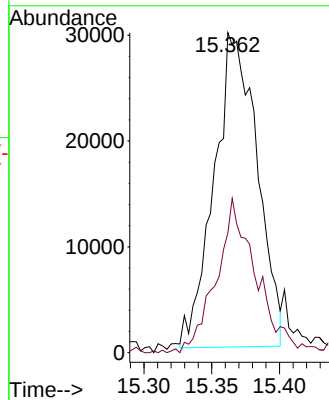
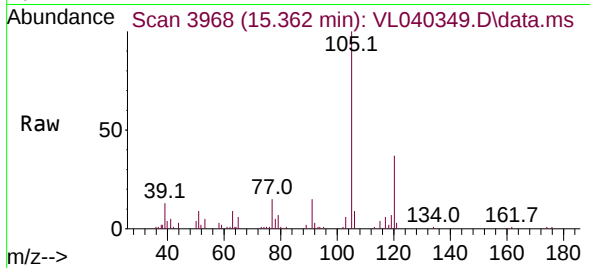
120 38.5 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.362 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. -0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Tgt Ion:105 Resp: 87224

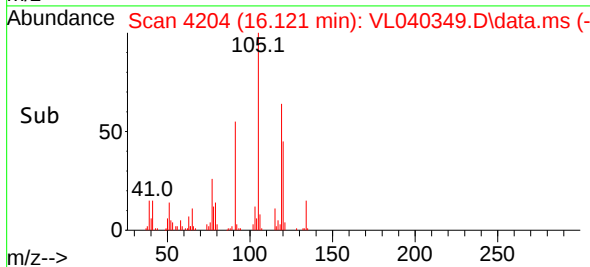
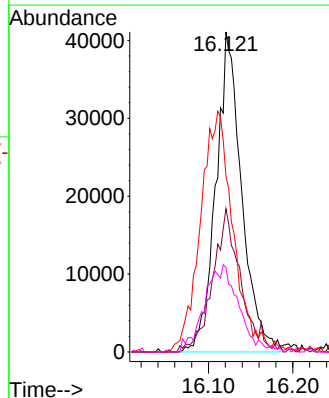
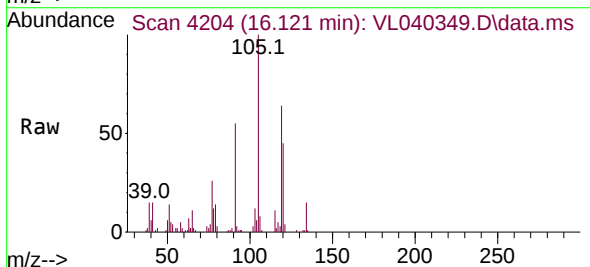
Ion Ratio Lower Upper

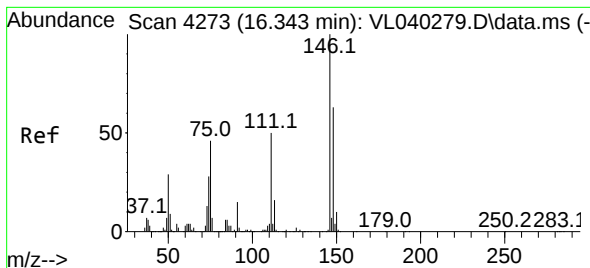
105 100

120 42.7 36.6 54.8

91 53.4 39.9 59.9

77 26.4 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 0.392 ppbv m

RT: 16.355 min Scan# 431

Delta R.T. 0.012 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

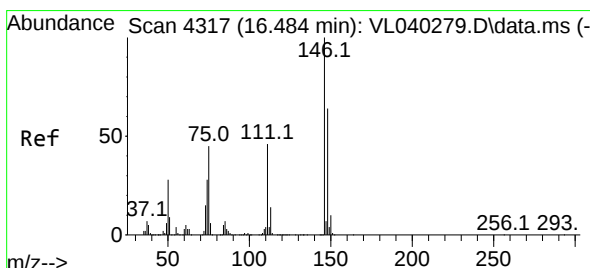
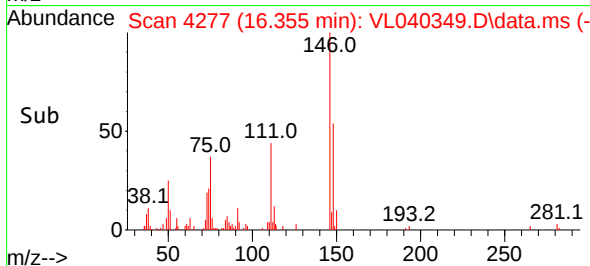
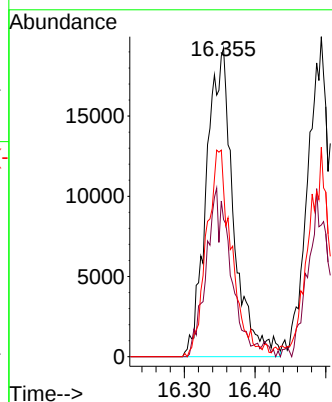
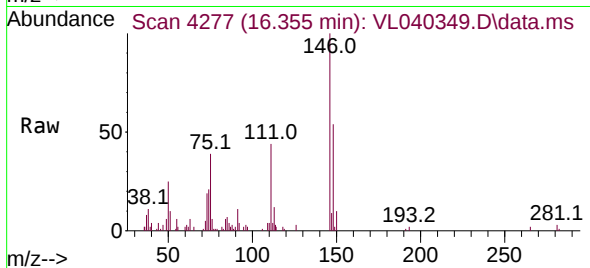
MDL-AIR-03-QT2-2023

Tgt Ion:146	Resp:	51134
Ion Ratio	Lower	Upper
146	100	
111	51.3	24.3 73.0
148	0.0	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#76

1,4-Dichlorobenzene

Concen: 0.402 ppbv m

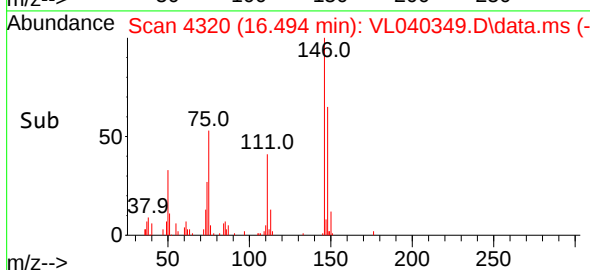
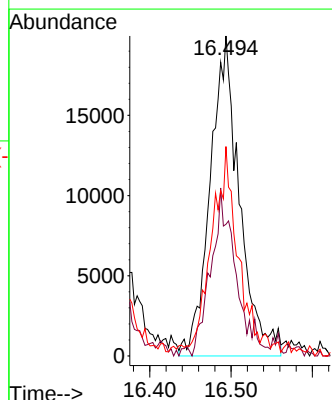
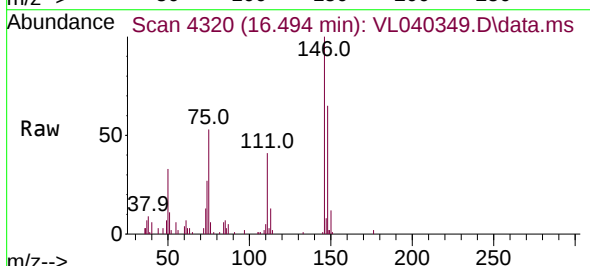
RT: 16.494 min Scan# 4320

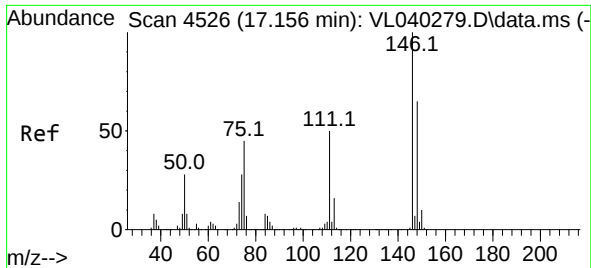
Delta R.T. 0.010 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

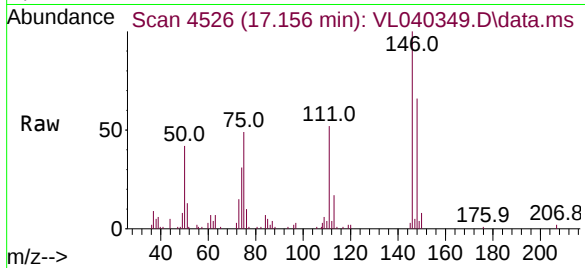
Tgt Ion:146	Resp:	50064
Ion Ratio	Lower	Upper
146	100	
111	45.1	23.8 71.2
148	64.2	32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 0.402 ppbv m
RT: 17.156 min Scan# 4526
Delta R.T. 0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

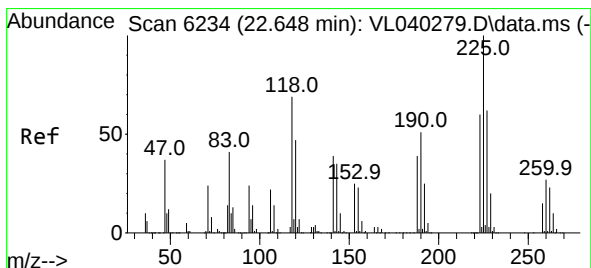
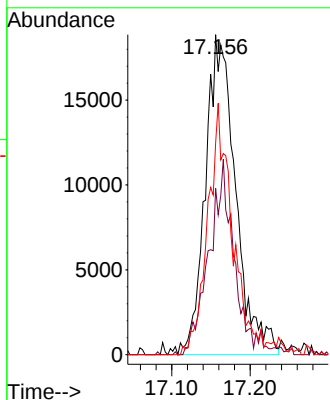
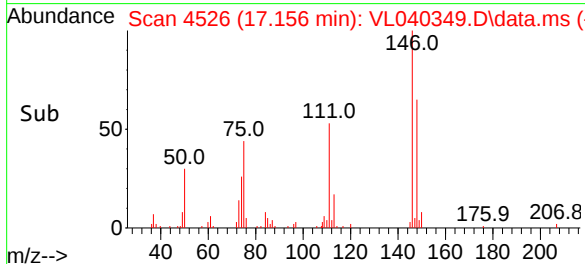
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion:146 Resp: 50440
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 0.0 32.1 96.3#

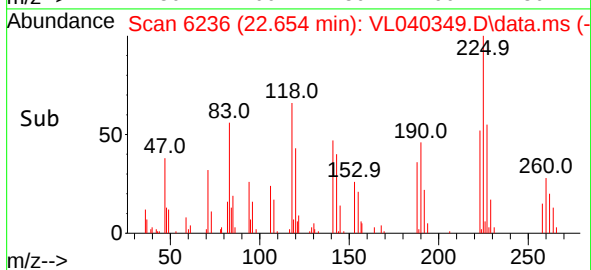
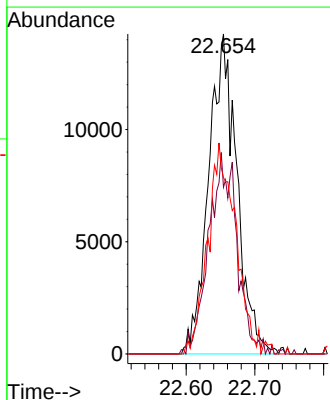
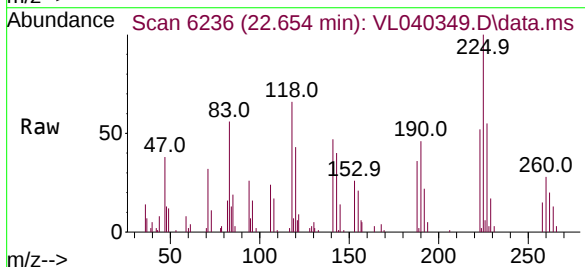
Manual Integrations
APPROVED

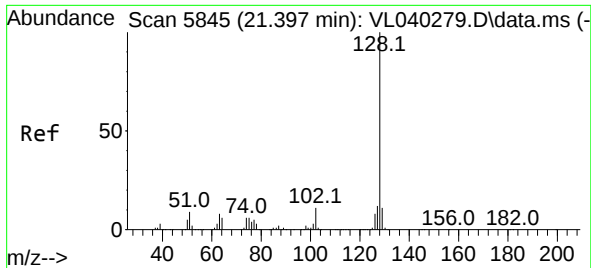
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.441 ppbv m
RT: 22.654 min Scan# 6236
Delta R.T. 0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

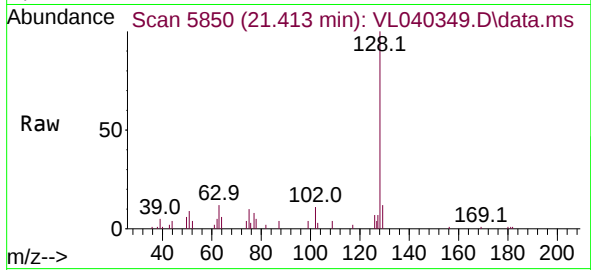
Tgt Ion:225 Resp: 40589
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.4 77.2#





#79
Naphthalene
Concen: 0.261 ppbv m
RT: 21.413 min Scan# 5845
Delta R.T. 0.016 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

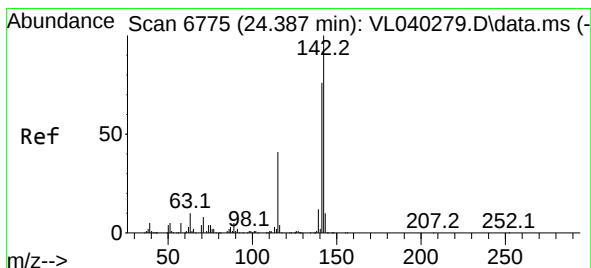
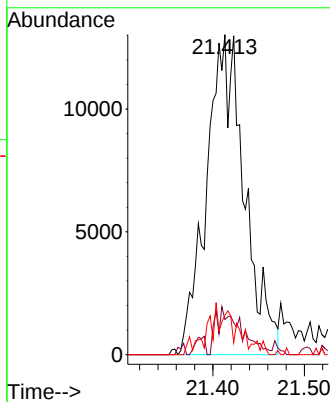
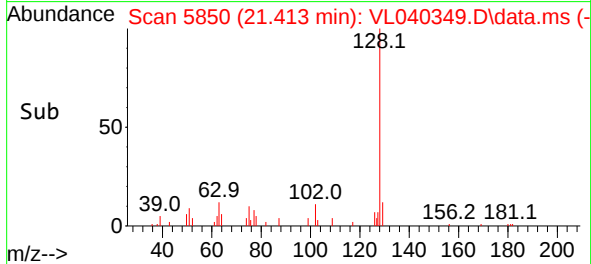
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



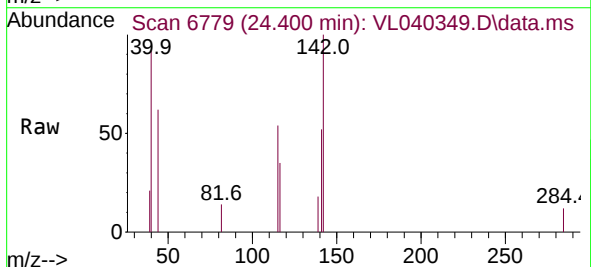
Tgt Ion:128 Resp: 3729
Ion Ratio Lower Upper
128 100
127 6.7 9.6 14.4
129 12.3 8.6 13.0

Manual Integrations
APPROVED

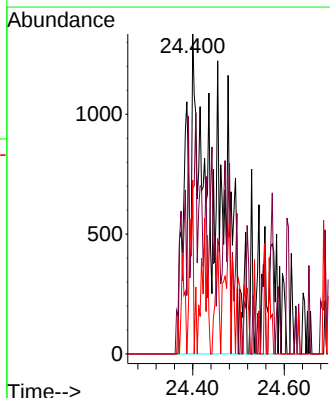
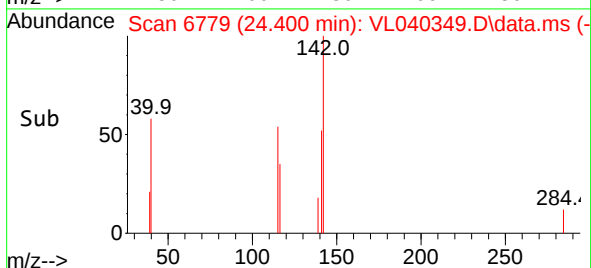
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

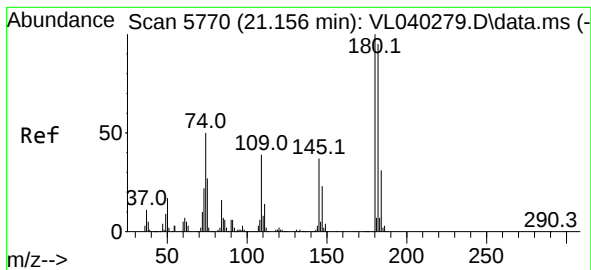


#80
Naphthalene,2-methyl-
Concen: 0.190 ppbv m
RT: 24.400 min Scan# 6779
Delta R.T. 0.013 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23



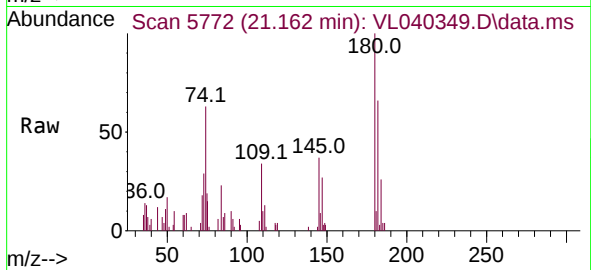
Tgt Ion:142 Resp: 6847
Ion Ratio Lower Upper
142 100
141 4.2 65.5 98.3#
115 1.7 33.5 50.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.302 ppbv m
 RT: 21.162 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion:180 Resp: 26489
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.1 114.1
 184 0.0 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

