

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040573.D
 Acq On : 31 Jul 2023 15:18
 Operator : SY/MD
 Sample : 03572-15 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 01 01:39:09 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 01:39:09 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	5.185	49	1034289	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.648	114	2575727	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.468	117	2197057	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	1764504	10.148	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	115063	0.556	ppbv	99
3) Chlorodifluoromethane	2.661	51	84891	0.518	ppbv	98
4) Chloromethane	2.800	50	31812	0.490	ppbv	89
5) Vinyl Chloride	2.909	62	31622m	0.464	ppbv	
6) Bromomethane	3.105	94	15462m	0.537	ppbv	
7) Chloroethane	3.185	64	12048	0.504	ppbv #	87
8) Dichlorotetrafluoroethane	2.845	85	90253	0.530	ppbv	98
9) Propene	2.681	41	23887	0.426	ppbv	94
10) Heptane	7.577	43	41142	0.332	ppbv	93
11) Trichlorofluoromethane	3.552	101	91298	0.547	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.053	101	66290	0.564	ppbv	95
13) Ethanol	3.246	45	6690m	0.548	ppbv	
14) Bromoethene	3.356	108	24165	0.478	ppbv #	87
15) Acetone	3.475	43	74911	0.629	ppbv	95
16) 1,3-Butadiene	2.970	39	30198m	0.503	ppbv	
17) tert-Butyl alcohol	3.883	59	58474	0.475	ppbv #	94
18) 1,1-Dichloroethene	3.873	96	27558	0.510	ppbv	95
19) Isopropyl Alcohol	3.581	45	29558	0.432	ppbv #	85
20) Methylene Chloride	3.925	84	46100	0.910	ppbv	92
21) Allyl Chloride	3.989	41	30939	0.455	ppbv #	86
22) trans-1,2-Dichloroethene	4.436	96	26925m	0.505	ppbv	
23) Vinyl Acetate	4.619	43	65274m	0.575	ppbv	
24) 1,1-Dichloroethane	4.552	63	58228	0.506	ppbv #	94
25) Ethyl Acetate	5.208	43	105834	0.467	ppbv	98
26) Hexane	5.208	57	50163	0.476	ppbv #	90
27) Carbon Disulfide	4.118	76	60720	0.490	ppbv #	85
28) Methyl tert-Butyl Ether	4.587	73	35151	0.415	ppbv #	86
29) Chloroform	5.266	83	85188	0.488	ppbv	94
30) Cyclohexane	6.600	84	25722m	0.294	ppbv	
31) cis-1,2-Dichloroethene	5.070	61	39582m	0.380	ppbv	
32) 1,1,1-Trichloroethane	5.996	97	81797	0.479	ppbv	96
34) 2-Butanone	4.796	43	62389m	0.490	ppbv	
35) Carbon Tetrachloride	6.487	117	79731	0.514	ppbv	93
36) Benzene	6.365	78	84565	0.408	ppbv	95
37) 1,2-Dichloroethane	5.803	62	57440	0.471	ppbv	99
38) Trichloroethene	7.285	130	33096m	0.422	ppbv	
39) 1,2-Dichloropropane	7.060	63	34162m	0.428	ppbv	
40) 1,4-Dioxane	7.311	88	10980m	0.440	ppbv	
41) Tetrahydrofuran	5.574	42	26270m	0.354	ppbv	
42) Bromodichloromethane	7.246	83	78531	0.463	ppbv	94
43) Methyl Methacrylate	7.475	69	23933m	0.309	ppbv	
44) 2,2,4-Trimethylpentane	7.323	57	126259m	0.379	ppbv	
45) t-1,3-Dichloropropene	8.712	75	14274m	0.287	ppbv	

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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 01:39:09 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 11:32:44 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	8.137	75	21211m	0.332	ppbv	
47) 1,1,2-Trichloroethane	8.902	97	38076m	0.433	ppbv	
48) Dibromochloromethane	9.706	129	53968m	0.397	ppbv	
49) Bromoform	12.413	173	41536m	0.385	ppbv	
50) 4-Methyl-2-Pentanone	8.201	43	64717	0.350	ppbv	90
51) 2-Hexanone	9.577	43	37461m	0.286	ppbv	
52) Tetrachloroethene	10.619	164	26051m	0.388	ppbv	
53) Toluene	9.220	91	67864	0.301	ppbv	96
54) 1,2-Dibromoethane	10.002	107	45083m	0.412	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.500	131	53141m	0.540	ppbv	
57) Chlorobenzene	11.526	112	83117m	0.485	ppbv	
58) Ethyl Benzene	12.089	91	89802	0.326	ppbv	89
59) m/p-Xylene	12.381	91	181553m	0.738	ppbv	
60) o-Xylene	13.056	91	80516m	0.343	ppbv	
61) Styrene	12.892	104	27735	0.256	ppbv	98
62) Isopropylbenzene	14.034	105	135934	0.387	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.047	83	85273m	0.519	ppbv	
64) n-propylbenzene	14.918	120	29235	0.322	ppbv #	46
65) tert-Butylbenzene	16.095	119	115214	0.370	ppbv	88
66) Benzyl Chloride	16.330	91	10406m	0.473	ppbv	
67) sec-Butylbenzene	16.645	105	180780m	0.396	ppbv	
69) p-Isopropyltoluene	17.002	119	124349	0.329	ppbv #	90
70) n-Butylbenzene	17.895	91	151017	0.359	ppbv	96
71) 2-Chlorotoluene	14.799	91	95618m	0.353	ppbv	
72) 4-Ethyltoluene	15.198	105	90214m	0.328	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	76583	0.316	ppbv	90
74) 1,2,4-Trimethylbenzene	16.114	105	110715m	0.392	ppbv	
75) 1,3-Dichlorobenzene	16.339	146	73806	0.431	ppbv	93
76) 1,4-Dichlorobenzene	16.481	146	73167m	0.436	ppbv	
77) 1,2-Dichlorobenzene	17.153	146	71121m	0.434	ppbv	
78) Hexachloro-1,3-Butadiene	22.635	225	72228m	0.470	ppbv	
79) Naphthalene	21.397	128	63386m	0.265	ppbv	
80) Naphthalene,2-methyl-	24.387	142	6653m	0.068	ppbv	
81) 1,2,4-Trichlorobenzene	21.143	180	51790m	0.315	ppbv	

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

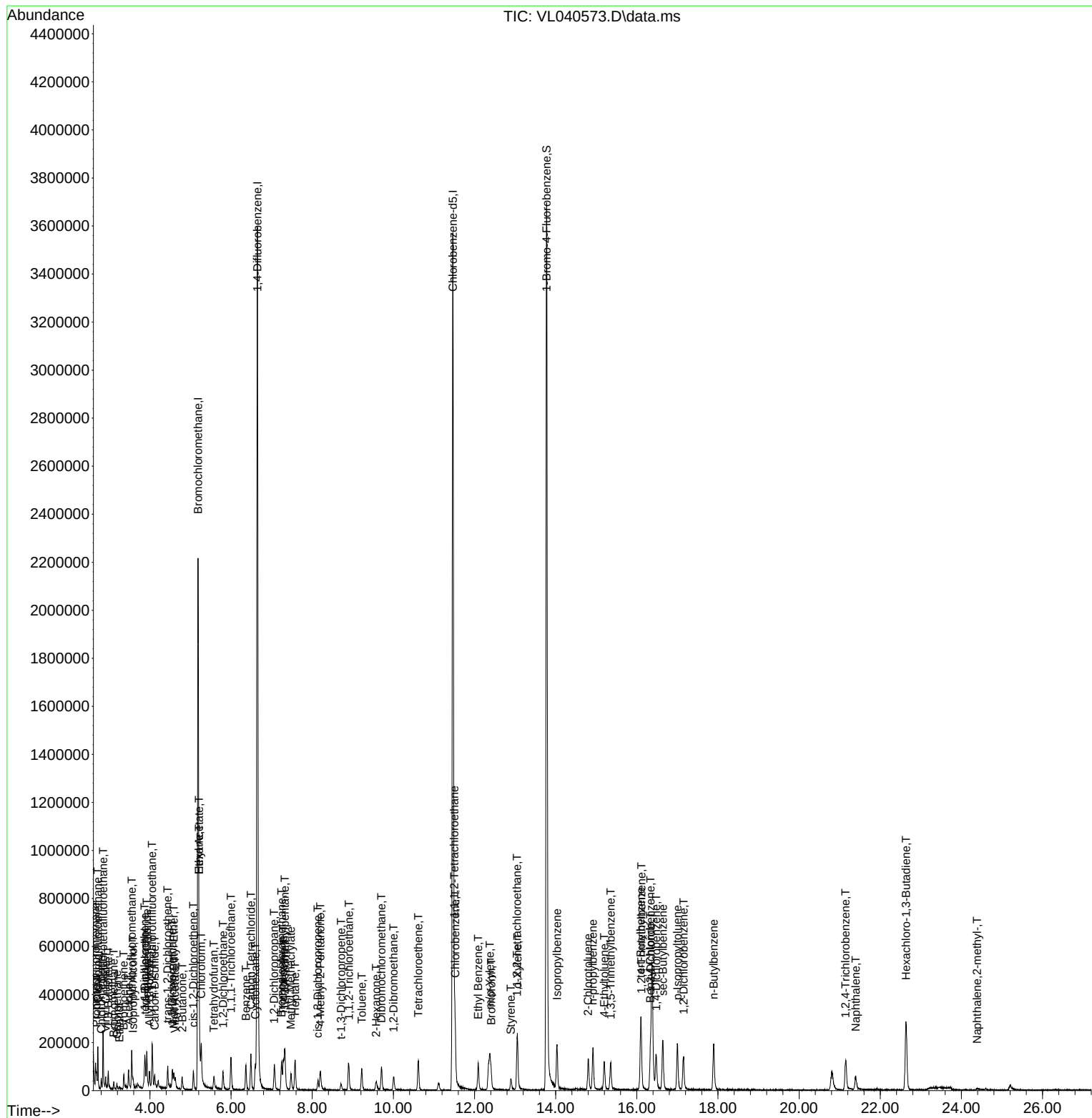
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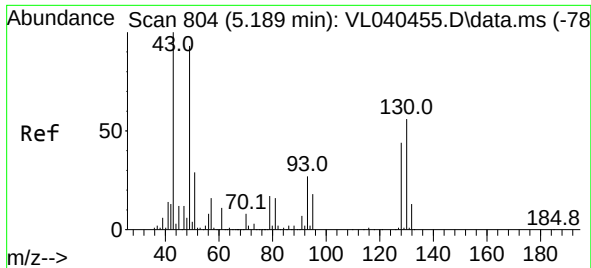
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023

Quant Time: Aug 01 01:39:09 2023
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
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APPROVED

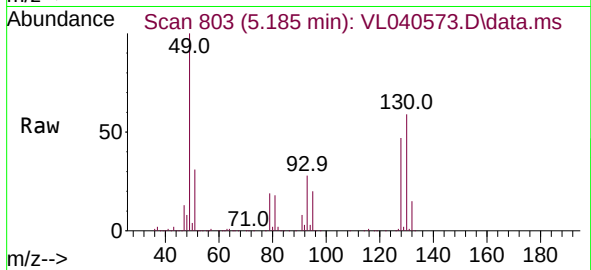
Reviewed By : Semsettin Yesilyurt 08/01/2023
Supervised By : Mahesh Dadoda 08/01/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.017 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

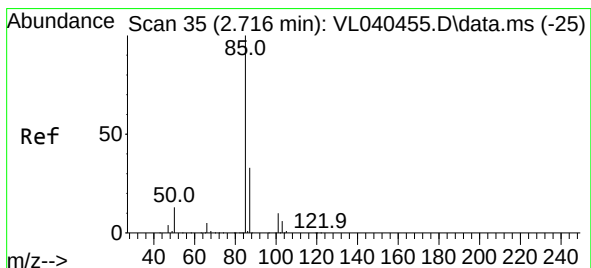
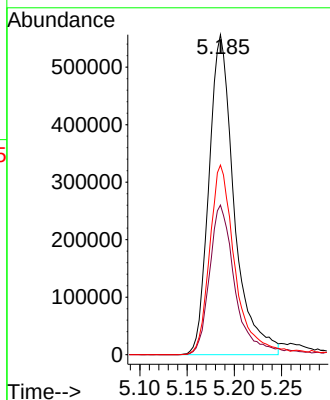
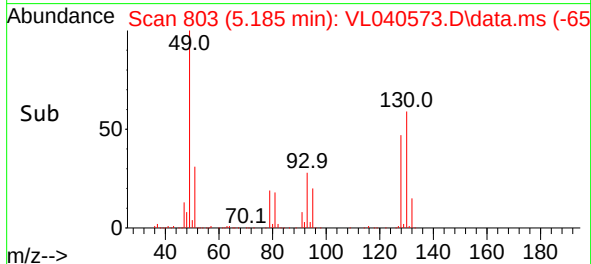
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 49 Resp: 1034289
Ion Ratio Lower Upper
49 100
128 48.3 25.1 75.4
130 61.7 31.6 94.7

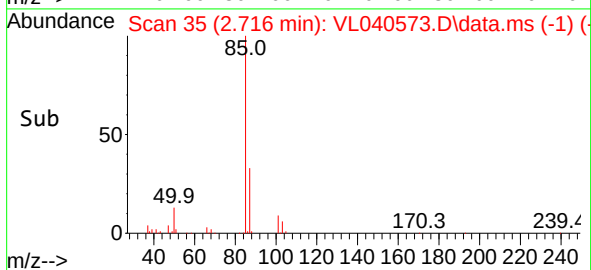
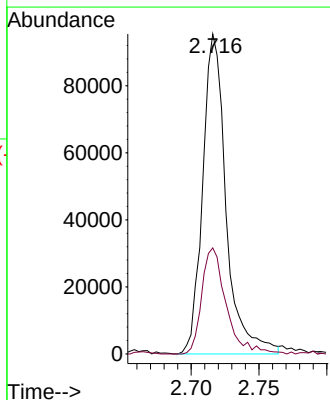
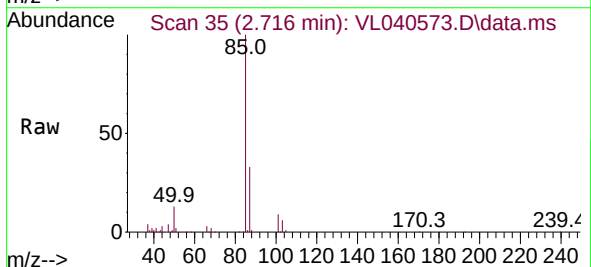
Manual Integrations
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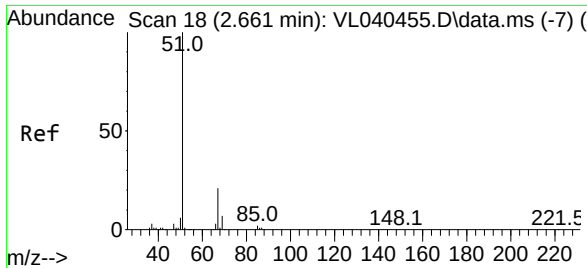
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#2
Dichlorodifluoromethane
Concen: 0.556 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.023 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

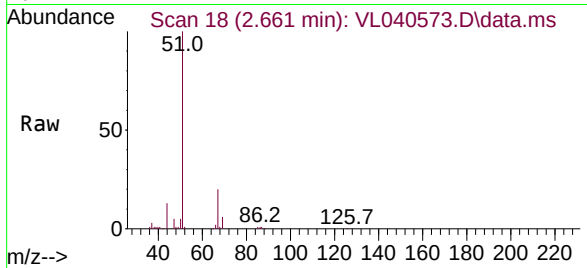
Tgt Ion: 85 Resp: 115063
Ion Ratio Lower Upper
85 100
87 33.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.518 ppbv
RT: 2.661 min Scan# 18
Delta R.T. -0.023 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

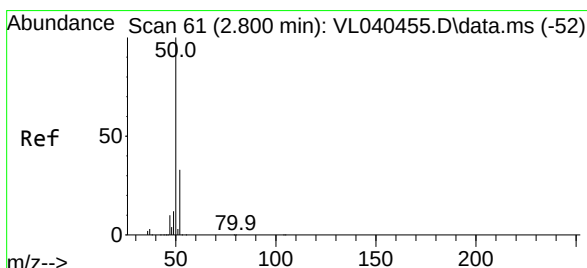
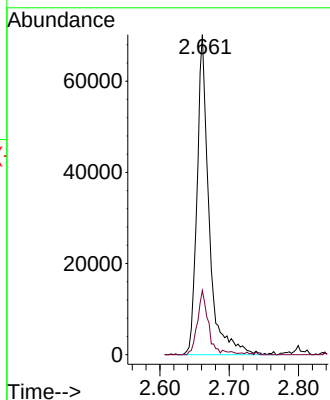
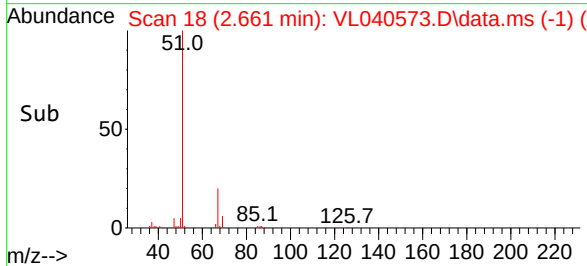
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



Tgt Ion: 51 Resp: 8489
Ion Ratio Lower Upper
51 100
67 19.2 14.6 21.8

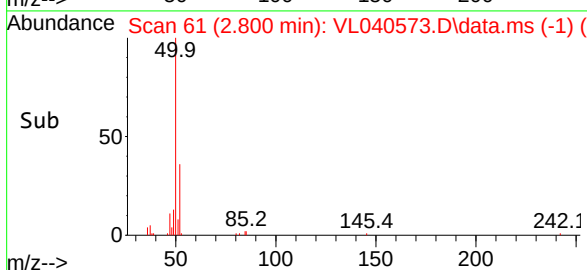
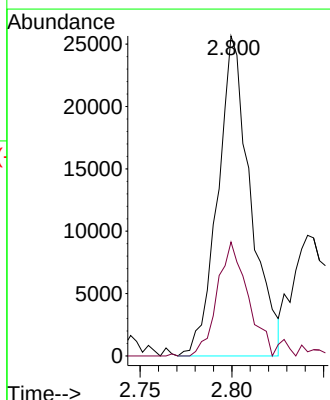
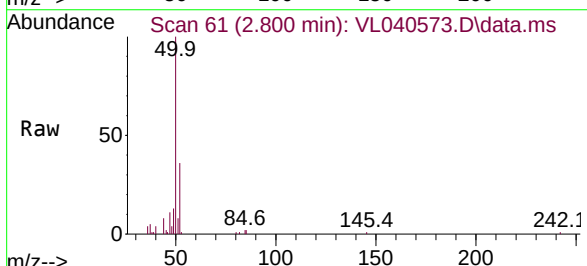
Manual Integrations
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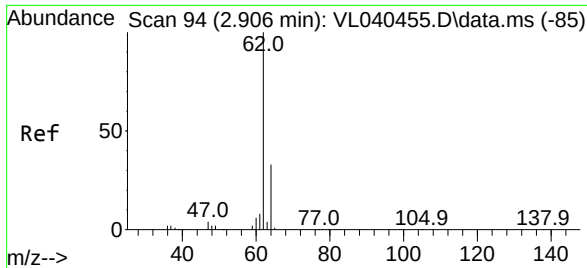
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#4
Chloromethane
Concen: 0.490 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.023 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

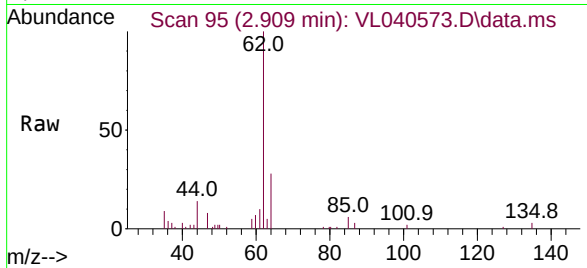
Tgt Ion: 50 Resp: 31812
Ion Ratio Lower Upper
50 100
52 36.3 24.4 36.6





#5
 Vinyl Chloride
 Concen: 0.464 ppbv m
 RT: 2.909 min Scan# 91
 Delta R.T. -0.019 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

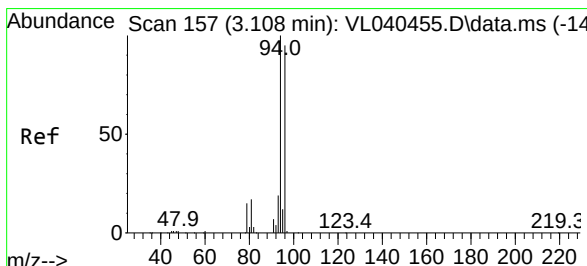
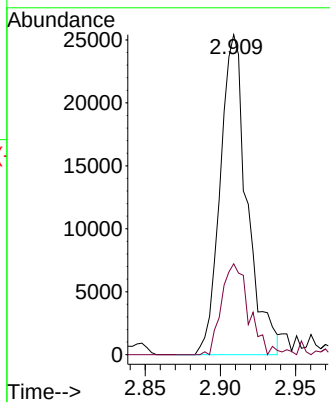
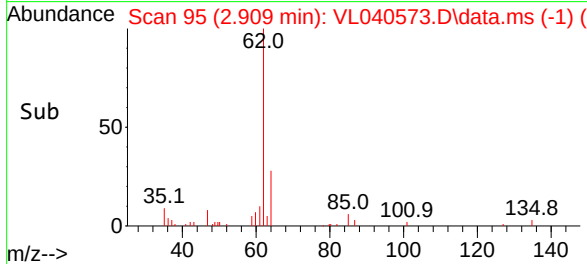
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



Tgt Ion: 62 Resp: 3162
 Ion Ratio Lower Upper
 62 100
 64 28.4 26.4 39.6

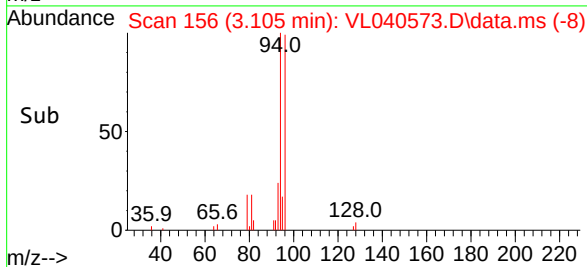
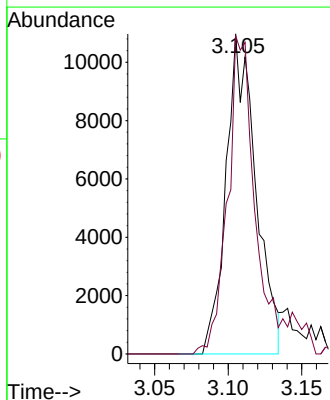
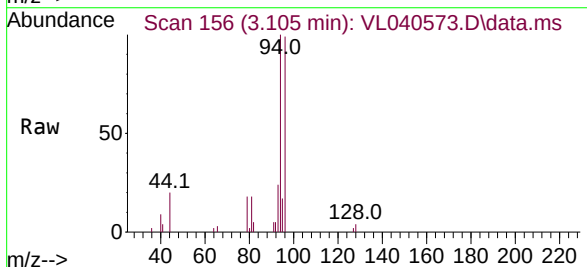
Manual Integrations
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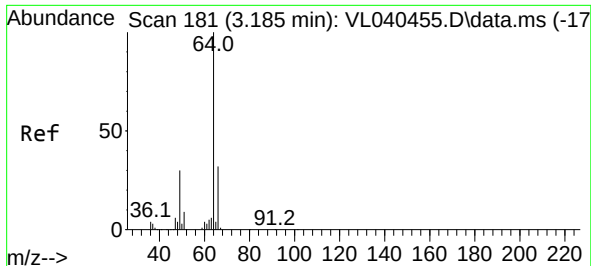
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#6
 Bromomethane
 Concen: 0.537 ppbv m
 RT: 3.105 min Scan# 156
 Delta R.T. -0.023 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

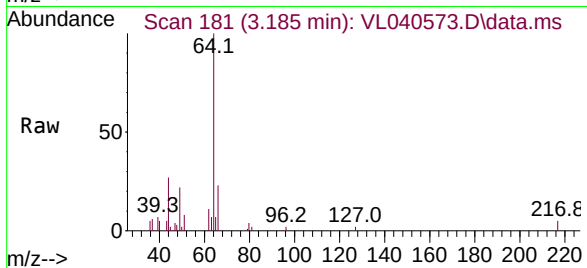
Tgt Ion: 94 Resp: 15462
 Ion Ratio Lower Upper
 94 100
 96 99.5 75.7 113.5





#7
Chloroethane
Concen: 0.504 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

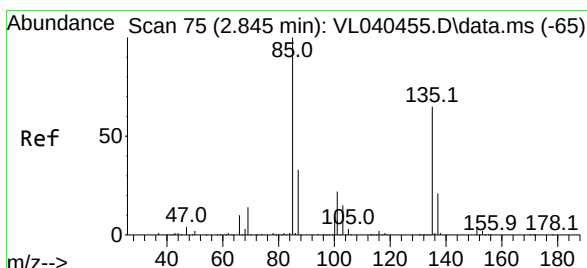
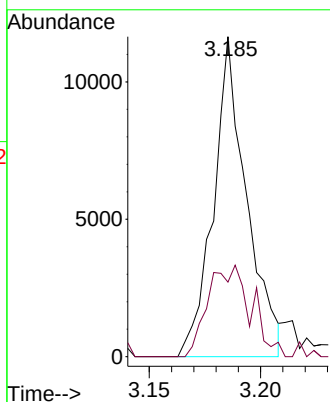
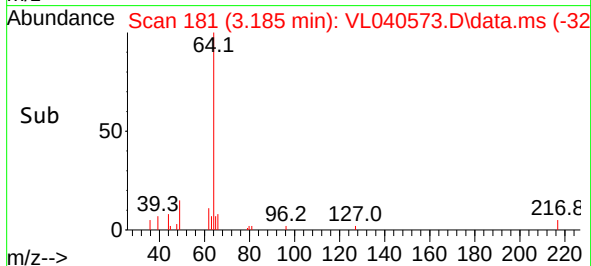
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 64 Resp: 12048
Ion Ratio Lower Upper
64 100
66 23.3 24.4 36.6

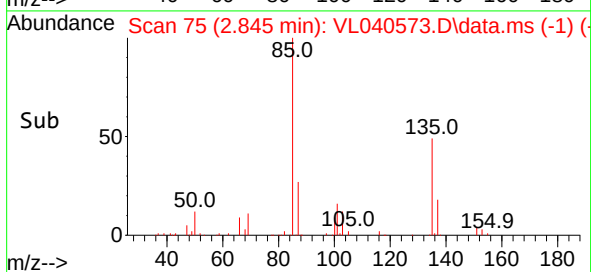
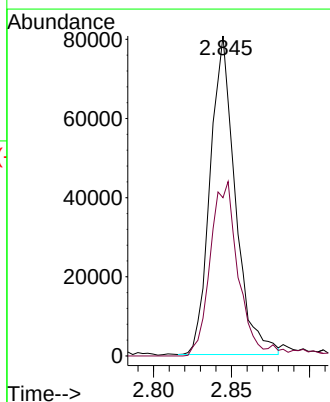
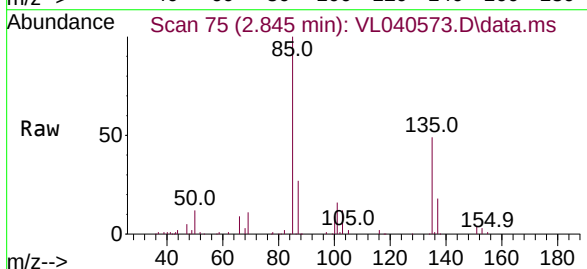
Manual Integrations
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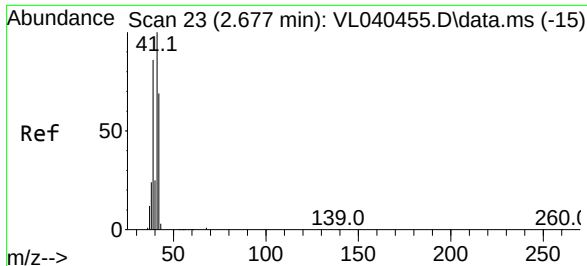
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#8
Dichlorotetrafluoroethane
Concen: 0.530 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.023 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

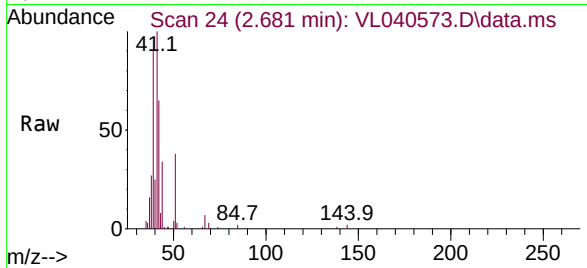
Tgt Ion: 85 Resp: 90253
Ion Ratio Lower Upper
85 100
135 63.9 52.4 78.6





#9
Propene
Concen: 0.426 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.023 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

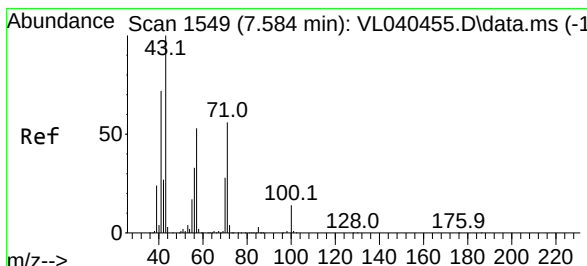
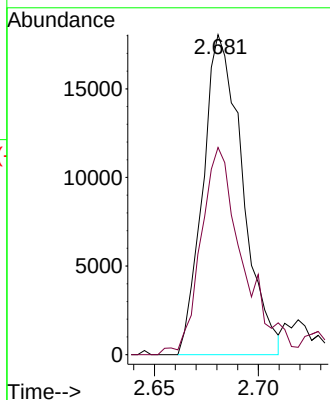
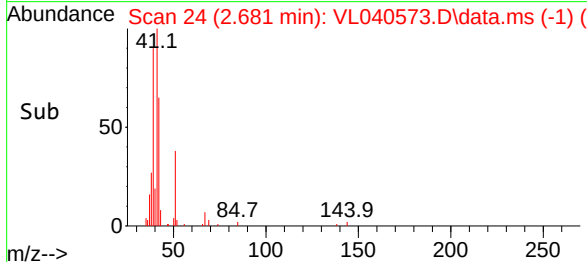
Instrument :
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Tgt Ion: 41 Resp: 2388
Ion Ratio Lower Upper
41 100
42 73.8 55.0 82.6

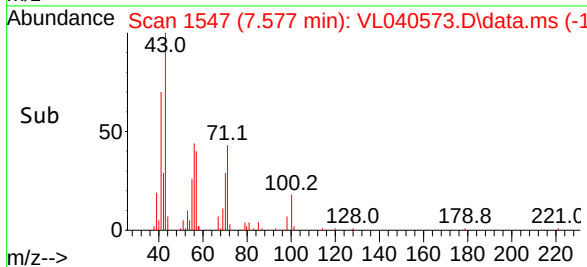
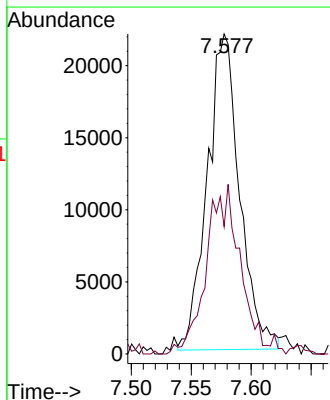
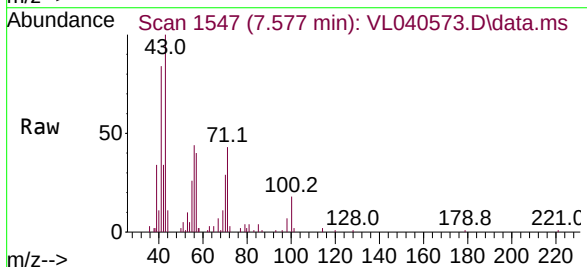
Manual Integrations
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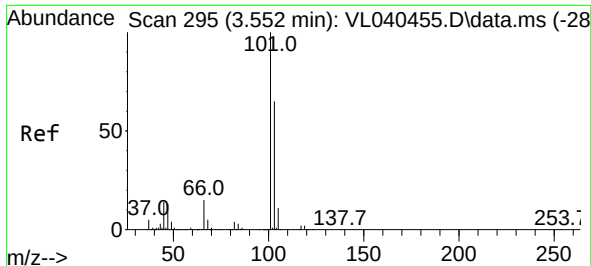
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Heptane
Concen: 0.332 ppbv
RT: 7.577 min Scan# 1547
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

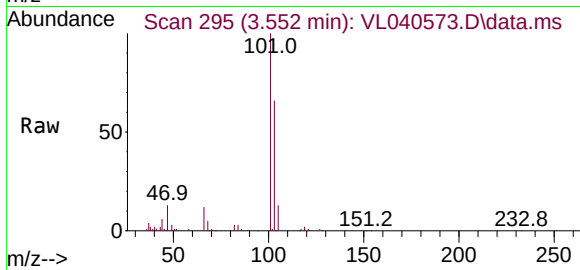
Tgt Ion: 43 Resp: 41142
Ion Ratio Lower Upper
43 100
57 57.8 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 0.547 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.019 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

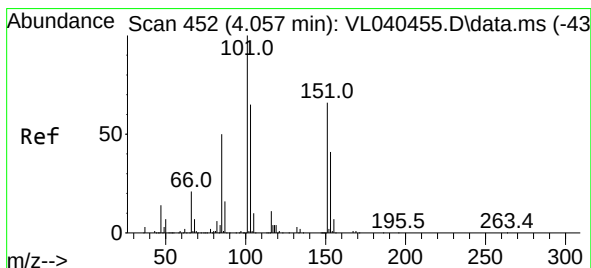
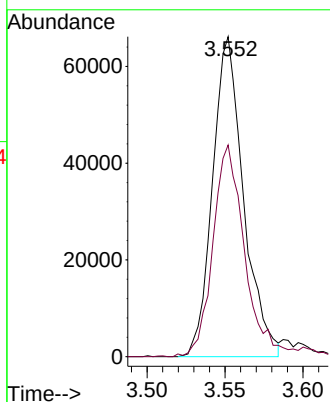
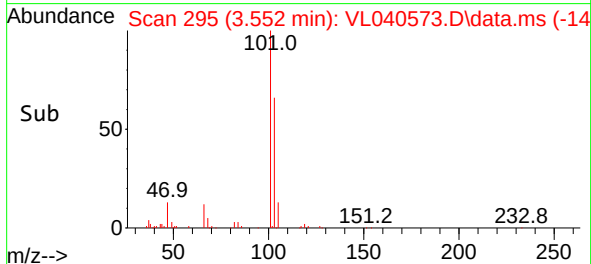
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



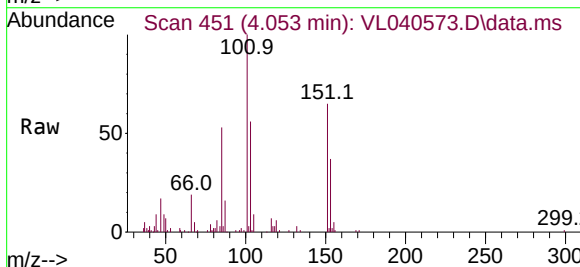
Tgt Ion:101 Resp: 91298
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.4 80.0

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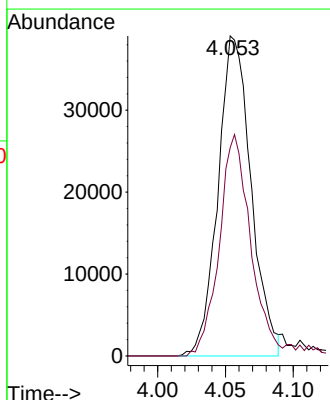
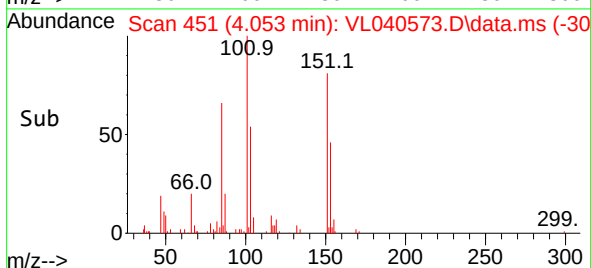
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

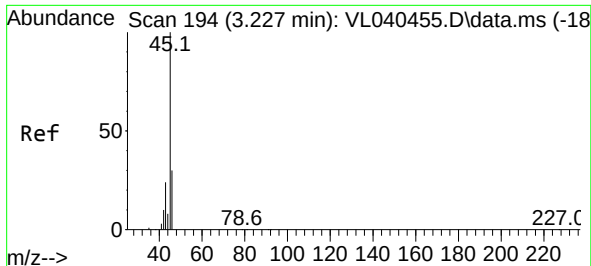


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.564 ppbv
 RT: 4.053 min Scan# 451
 Delta R.T. -0.019 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18



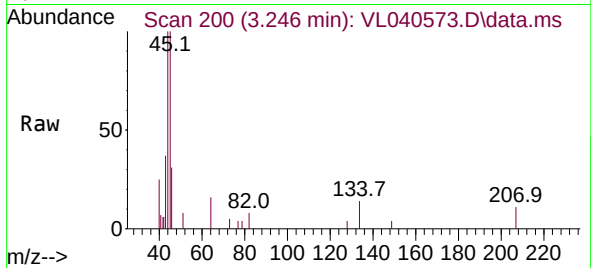
Tgt Ion:101 Resp: 66290
 Ion Ratio Lower Upper
 101 100
 151 68.6 58.2 87.4





#13
Ethanol
Concen: 0.548 ppbv
RT: 3.246 min Scan# 200
Delta R.T. -0.000 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

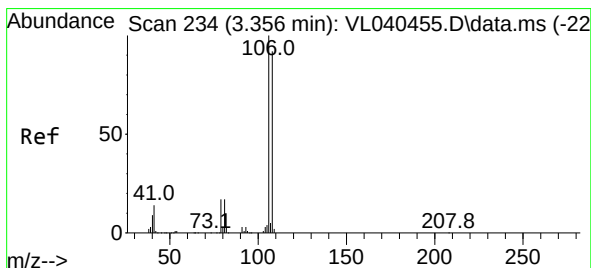
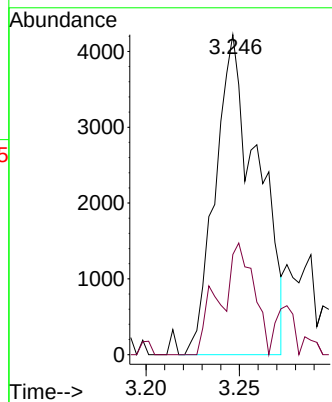
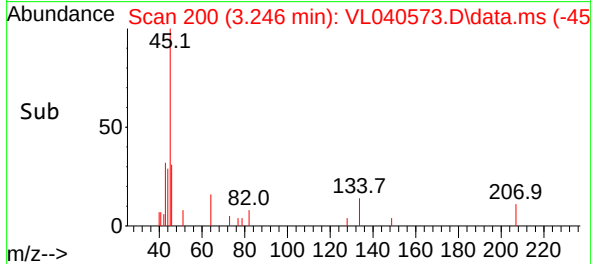
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



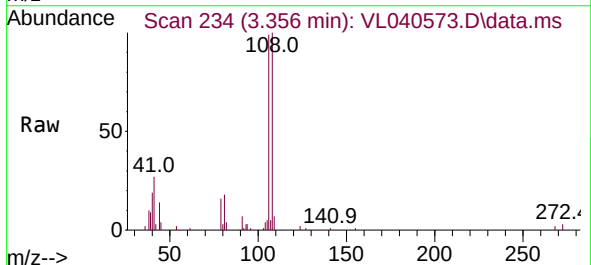
Tgt Ion: 45 Resp: 6690
Ion Ratio Lower Upper
45 100
46 38.4 15.3 61.1

Manual Integrations
APPROVED

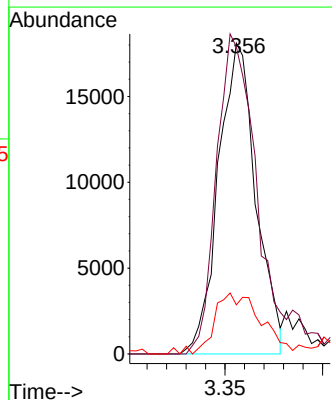
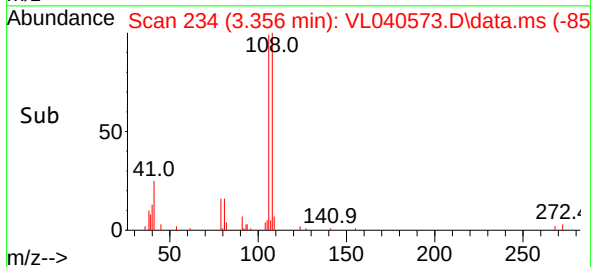
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

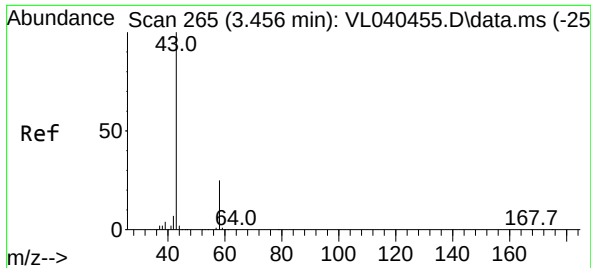


#14
Bromoethene
Concen: 0.478 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.019 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18



Tgt Ion:108 Resp: 24165
Ion Ratio Lower Upper
108 100
106 121.4 87.2 130.8
79 27.8 15.3 22.9#





#15

Acetone

Concen: 0.629 ppbv

RT: 3.475 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

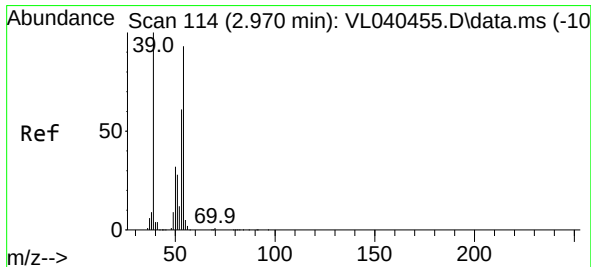
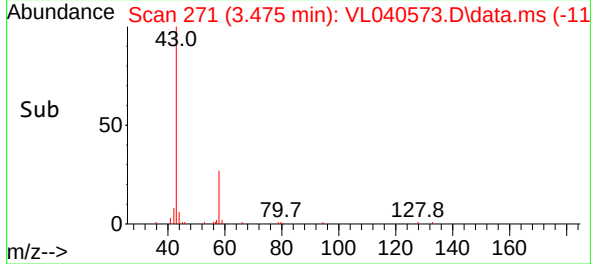
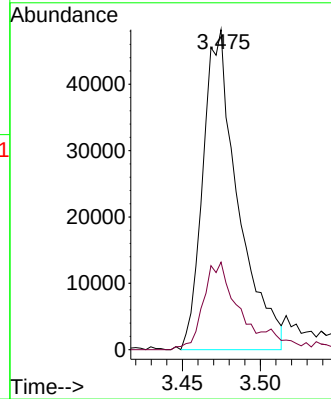
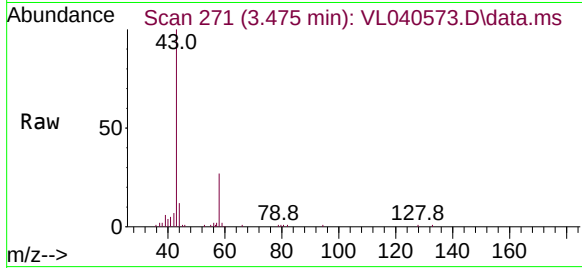
Tgt Ion: 43 Resp: 7491

Ion	Ratio	Lower	Upper
43	100		
58	31.4	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: 0.503 ppbv m

RT: 2.970 min Scan# 114

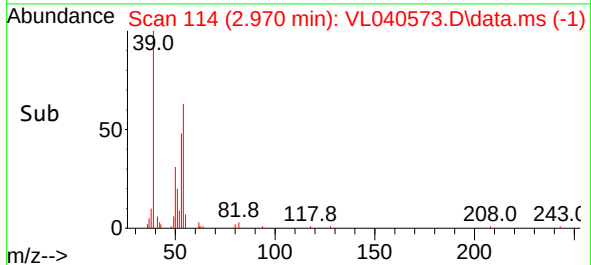
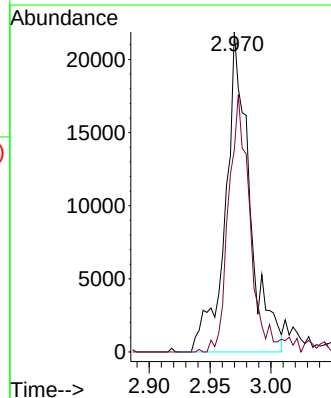
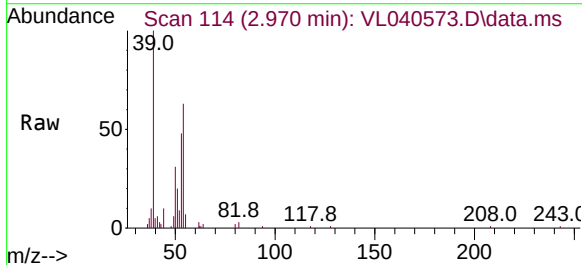
Delta R.T. -0.023 min

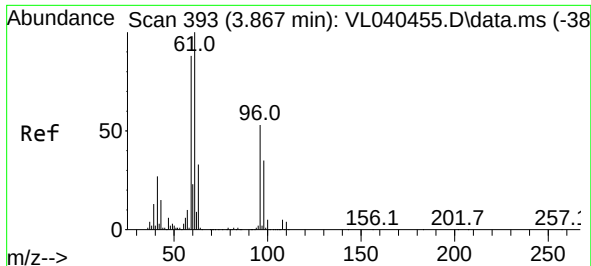
Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Tgt Ion: 39 Resp: 30198

Ion	Ratio	Lower	Upper
39	100		
54	0.0	66.6	100.0





#17

tert-Butyl alcohol

Concen: 0.475 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.000 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

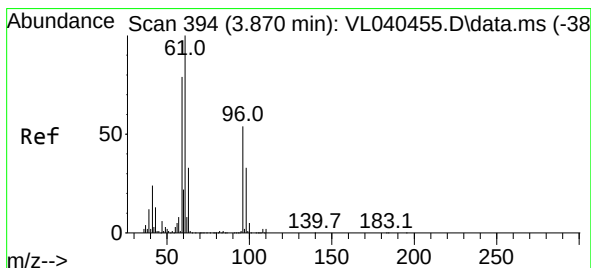
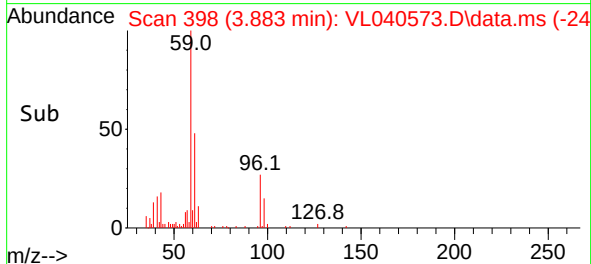
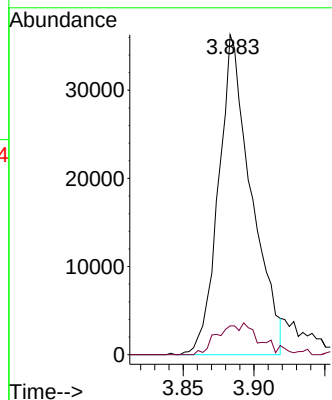
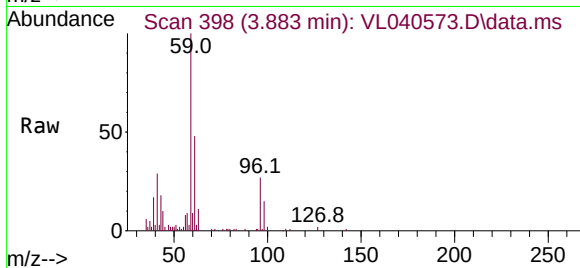
MDL-AIR-03-QT3-2023

Tgt Ion: 59 Resp: 58474
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.7 13.1

Manual Integrations

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



#18

1,1-Dichloroethene

Concen: 0.510 ppbv

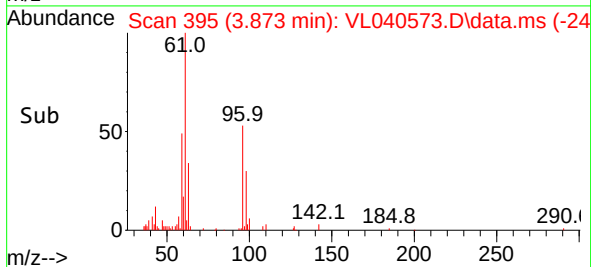
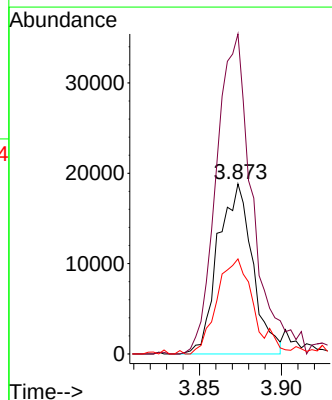
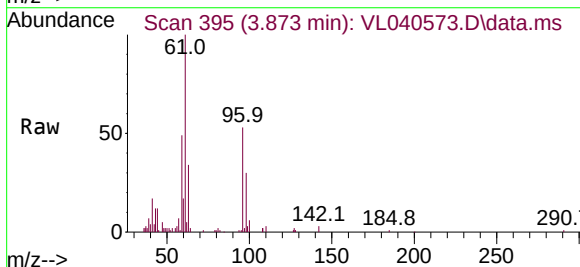
RT: 3.873 min Scan# 395

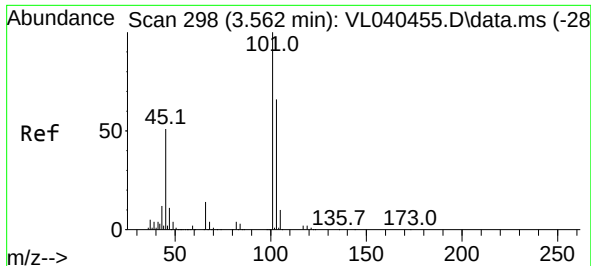
Delta R.T. -0.016 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

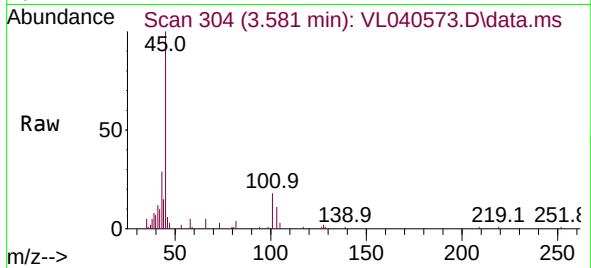
Tgt Ion: 96 Resp: 27558
 Ion Ratio Lower Upper
 96 100
 61 188.2 154.4 231.6
 98 53.9 50.0 75.0





#19
Isopropyl Alcohol
Concen: 0.432 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.000 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

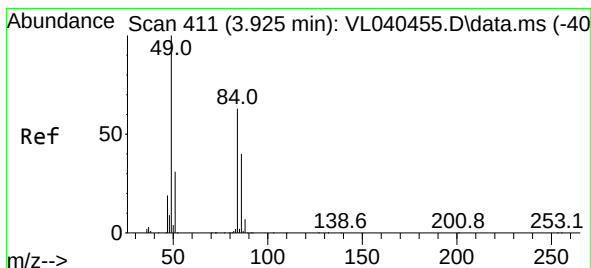
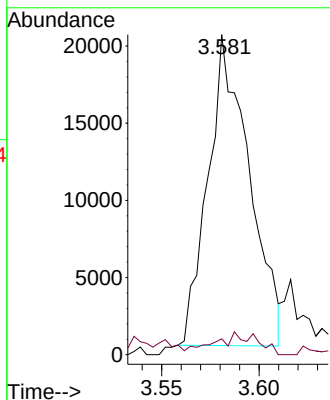
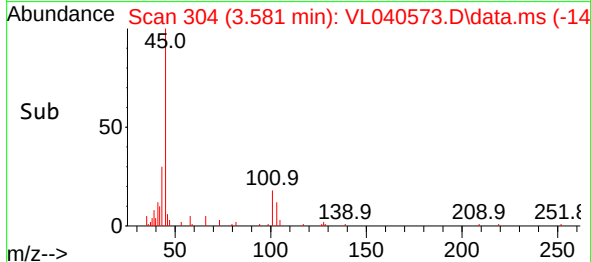
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



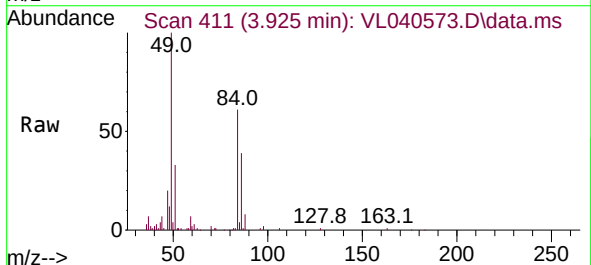
Tgt Ion: 45 Resp: 2955
Ion Ratio Lower Upper
45 100
58 7.4 1.1 1.7

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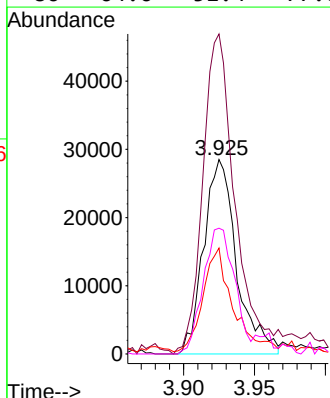
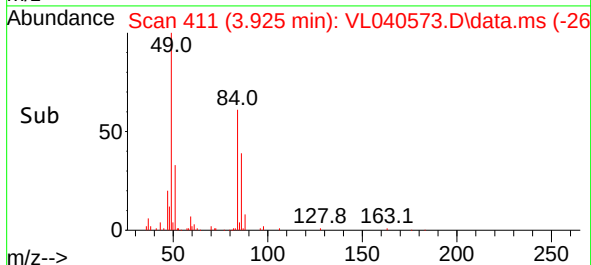
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

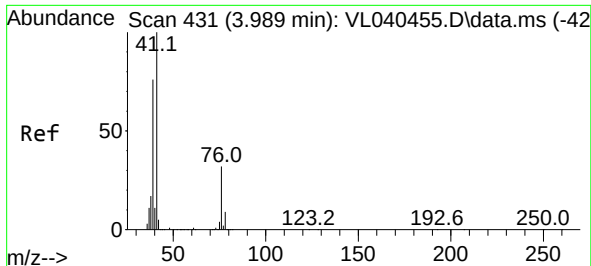


#20
Methylene Chloride
Concen: 0.910 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18



Tgt Ion: 84 Resp: 46100
Ion Ratio Lower Upper
84 100
49 168.7 123.4 185.2
51 52.8 38.3 57.5
86 64.6 51.4 77.0





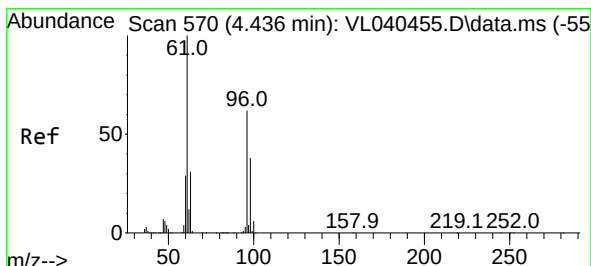
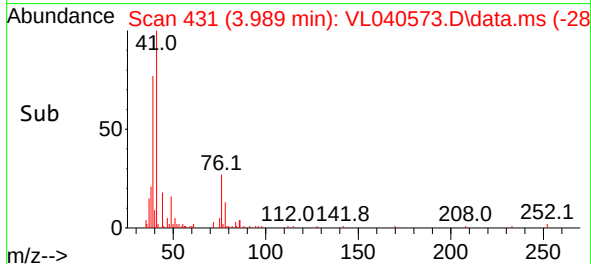
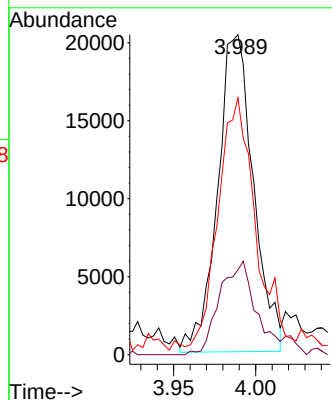
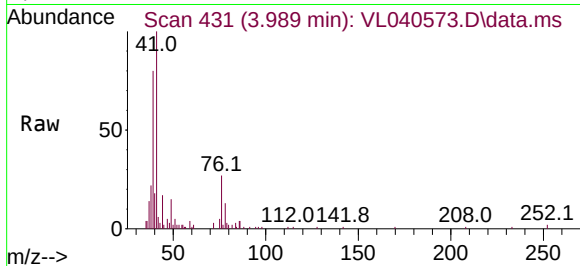
#21
 Allyl Chloride
 Concen: 0.455 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

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

Tgt Ion: 41 Resp: 30939
 Ion Ratio Lower Upper
 41 100
 76 32.5 24.8 37.2
 39 91.6 60.6 91.0

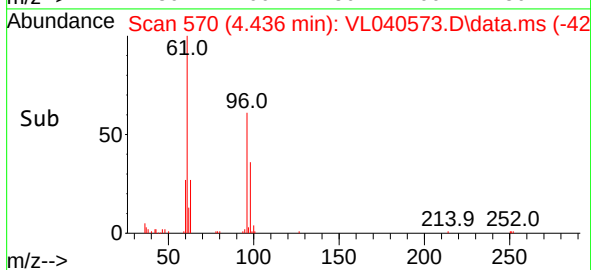
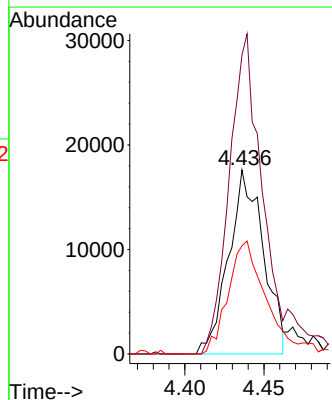
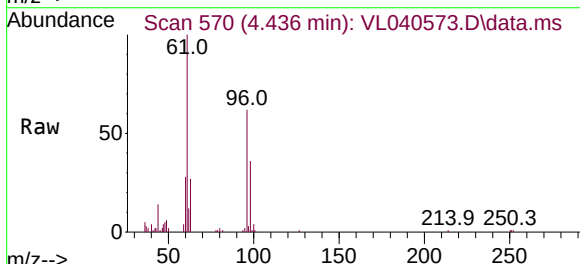
Manual Integrations
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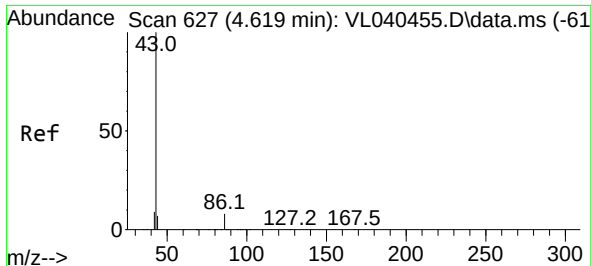
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.505 ppbv m
 RT: 4.436 min Scan# 570
 Delta R.T. -0.016 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

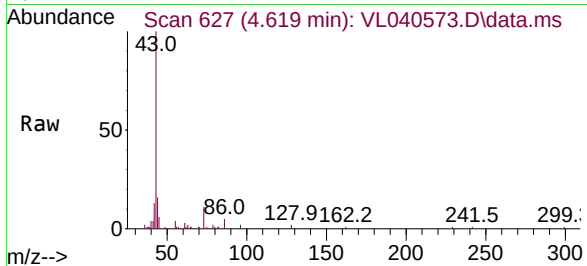
Tgt Ion: 96 Resp: 26925
 Ion Ratio Lower Upper
 96 100
 61 162.5 137.7 206.5
 98 58.8 52.9 79.3





#23
 Vinyl Acetate
 Concen: 0.575 ppbv m
 RT: 4.619 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

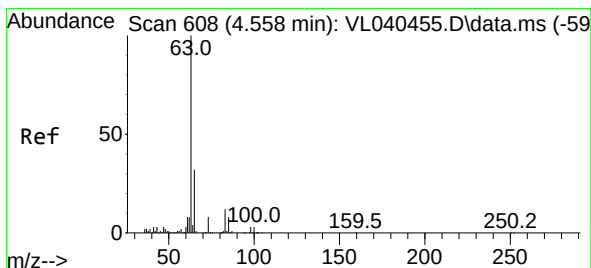
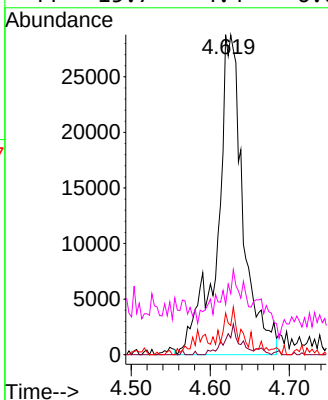
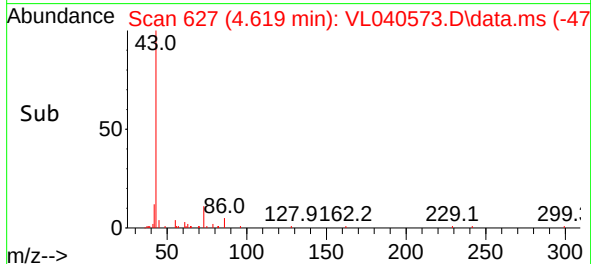
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



Tgt Ion: 43 Resp: 65274
 Ion Ratio Lower Upper
 43 100
 86 4.7 5.6 8.4#
 42 13.0 7.4 11.2#
 44 15.7 4.4 6.6#

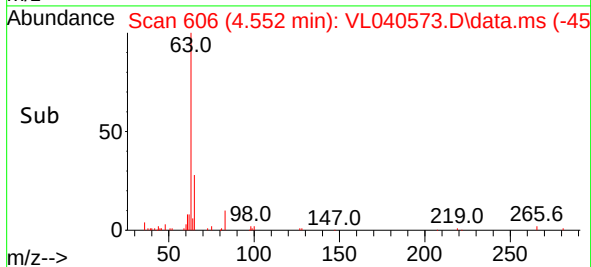
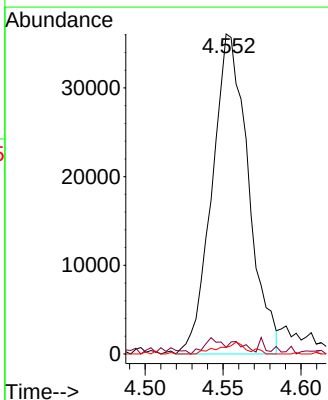
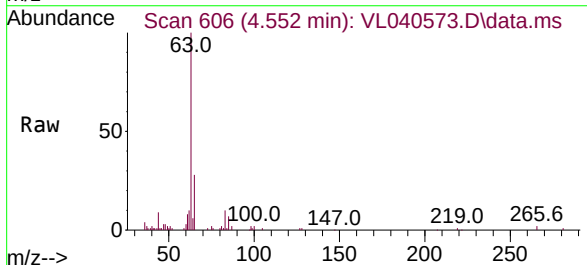
Manual Integrations
 APPROVED

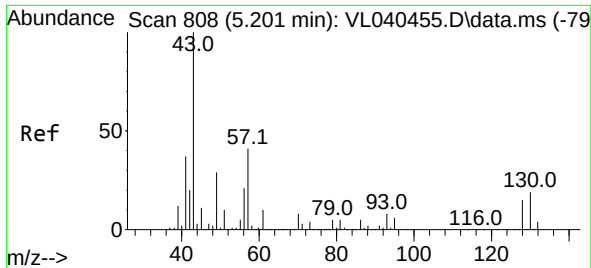
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#24
 1,1-Dichloroethane
 Concen: 0.506 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.019 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

Tgt Ion: 63 Resp: 58228
 Ion Ratio Lower Upper
 63 100
 98 0.9 1.8 5.5#
 100 2.1 1.4 4.0





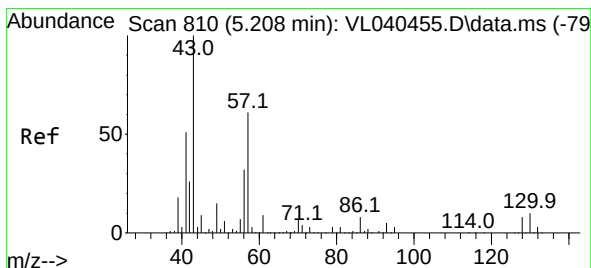
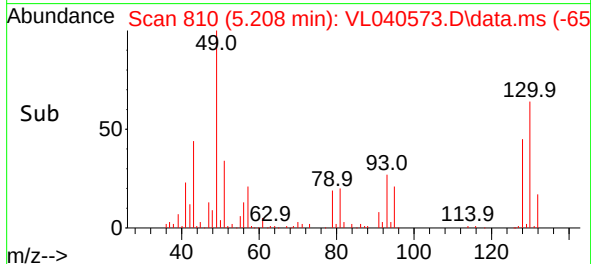
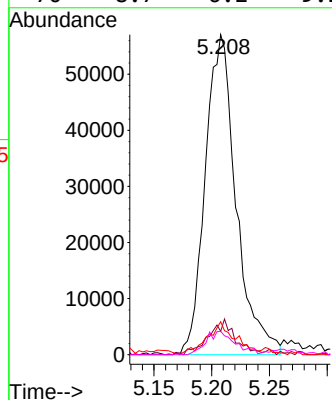
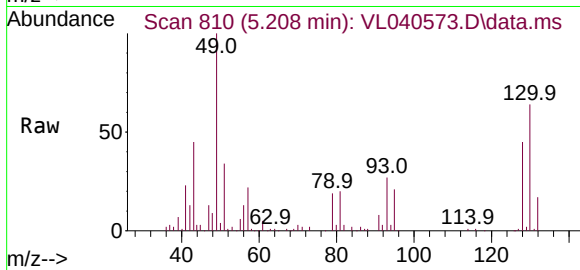
#25
Ethyl Acetate
Concen: 0.467 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

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

Tgt Ion: 43 Resp: 105834
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.4
61 10.9 8.3 12.5
70 8.7 6.2 9.2

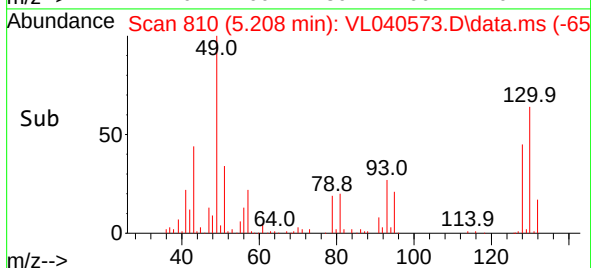
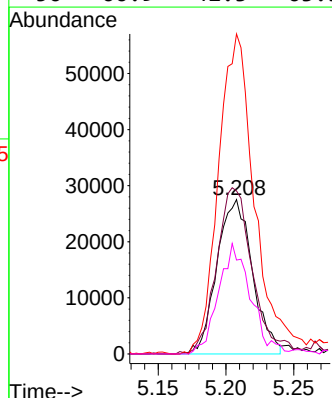
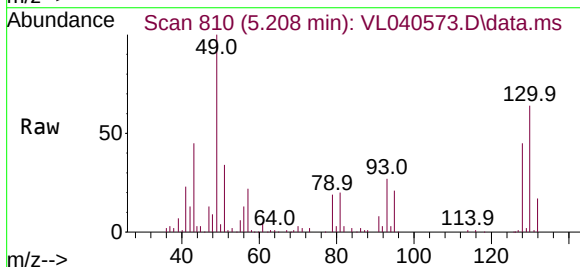
Manual Integrations
APPROVED

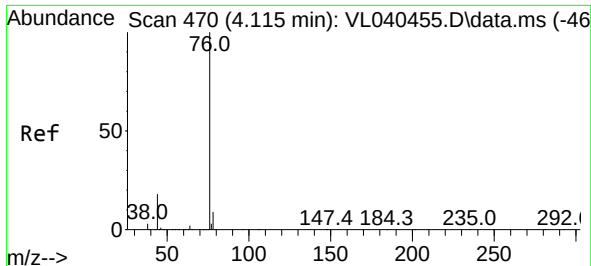
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#26
Hexane
Concen: 0.476 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

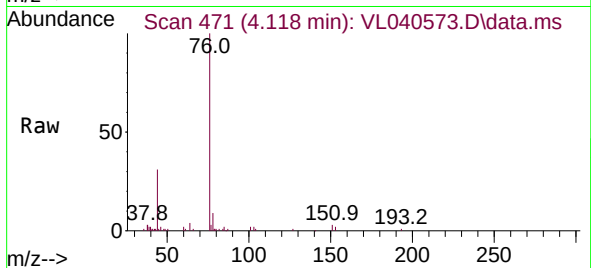
Tgt Ion: 57 Resp: 50163
Ion Ratio Lower Upper
57 100
41 113.2 69.5 104.3#
43 222.8 177.1 265.7
56 66.9 42.3 63.5#





#27
Carbon Disulfide
Concen: 0.490 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

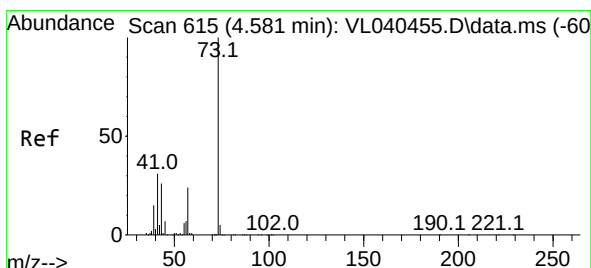
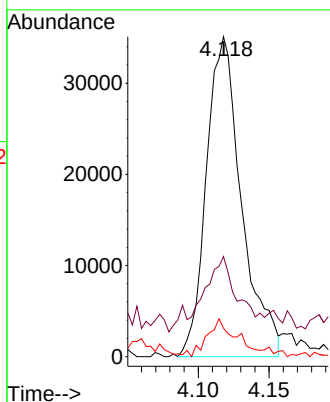
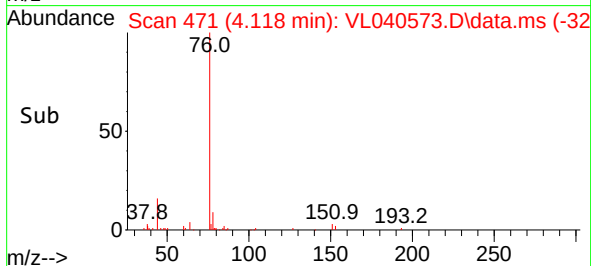
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 76 Resp: 60720
Ion Ratio Lower Upper
76 100
44 28.0 15.1 22.7
78 11.4 7.5 11.3

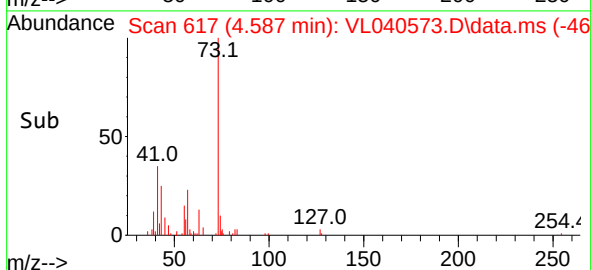
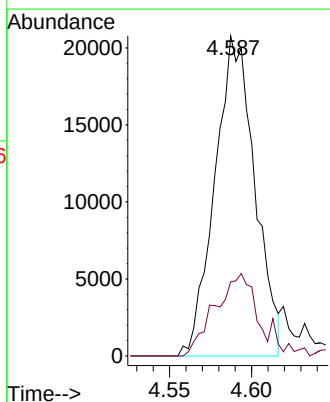
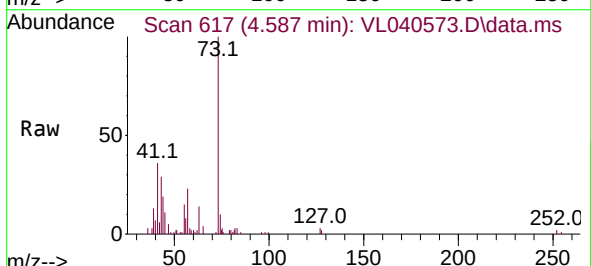
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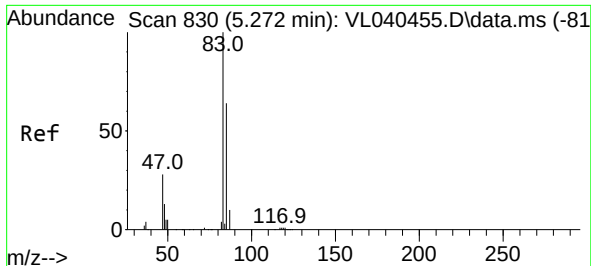
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#28
Methyl tert-Butyl Ether
Concen: 0.415 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.007 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

Tgt Ion: 73 Resp: 35151
Ion Ratio Lower Upper
73 100
57 30.1 18.8 28.2





#29

Chloroform

Concen: 0.488 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

Tgt Ion: 83 Resp: 8518

Ion Ratio Lower Upper

83 100

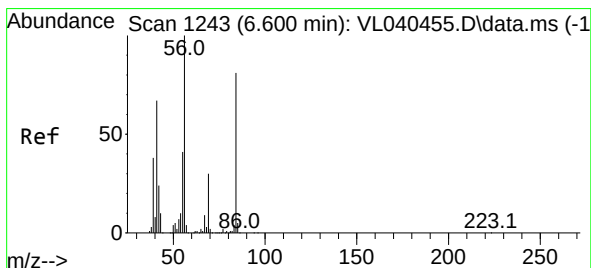
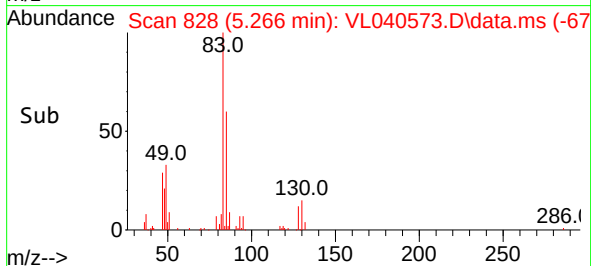
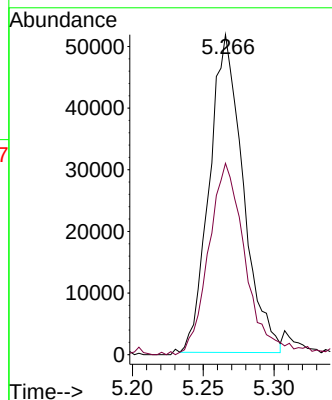
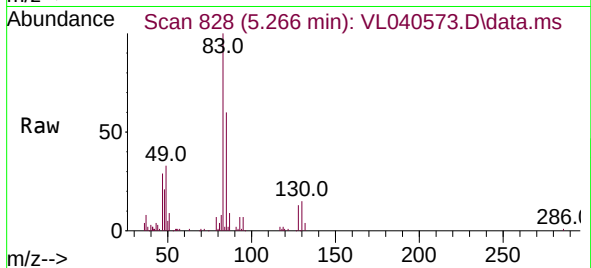
85 59.5 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Cyclohexane

Concen: 0.294 ppbv m

RT: 6.600 min Scan# 1243

Delta R.T. -0.010 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

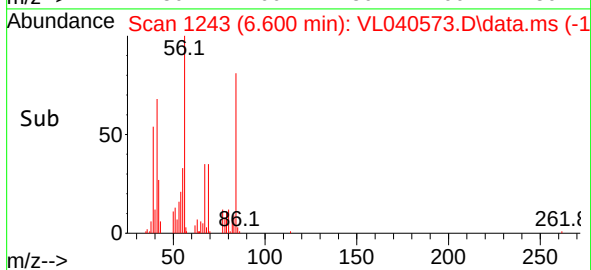
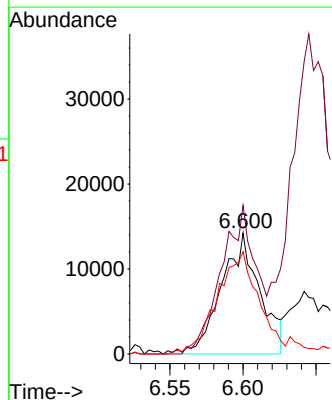
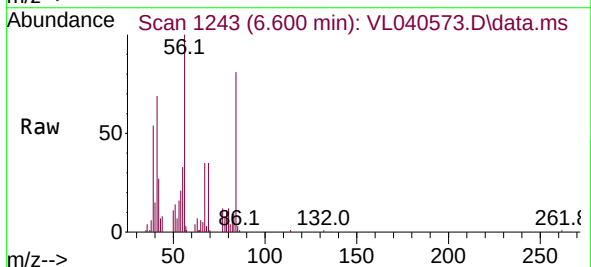
Tgt Ion: 84 Resp: 25722

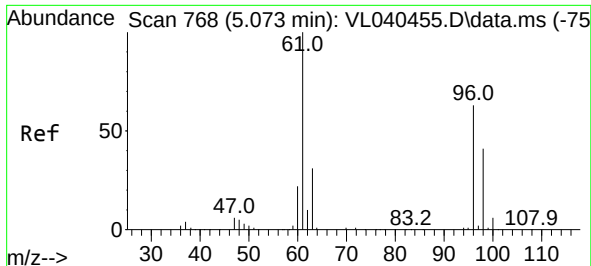
Ion Ratio Lower Upper

84 100

56 0.0 108.7 163.1#

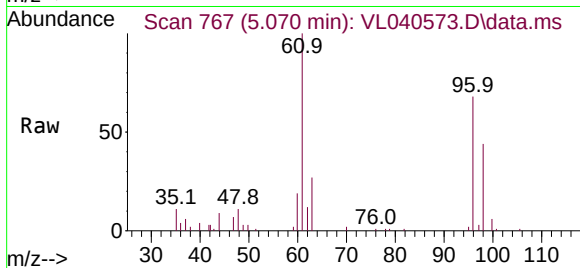
41 0.0 64.5 96.7#





#31
 cis-1,2-Dichloroethene
 Concen: 0.380 ppbv m
 RT: 5.070 min Scan# 768
 Delta R.T. -0.016 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

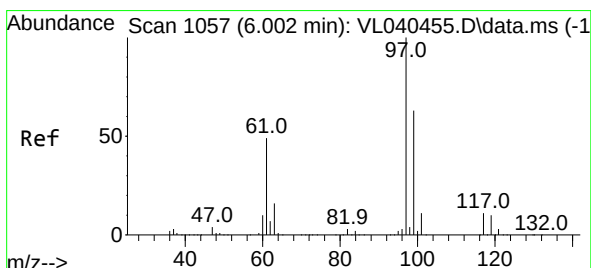
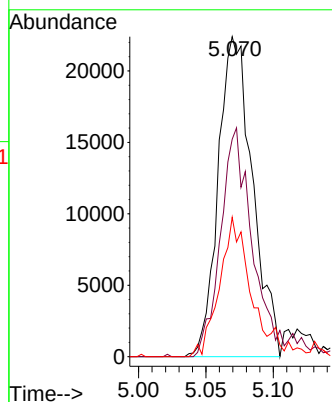
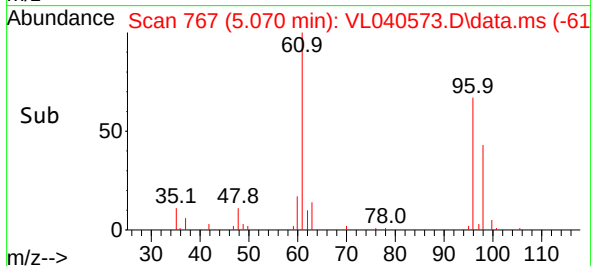
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



Tgt Ion: 61 Resp: 3958
 Ion Ratio Lower Upper
 61 100
 96 67.9 54.7 82.1
 98 43.5 34.6 52.0

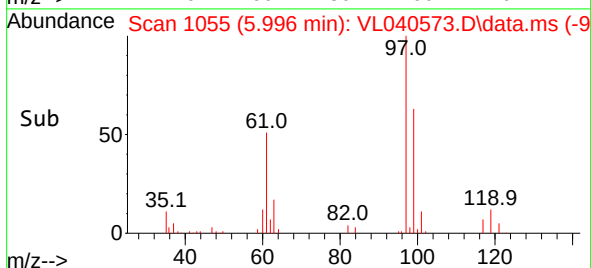
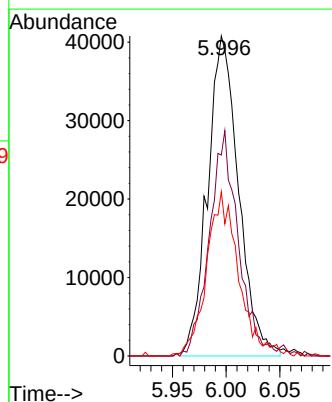
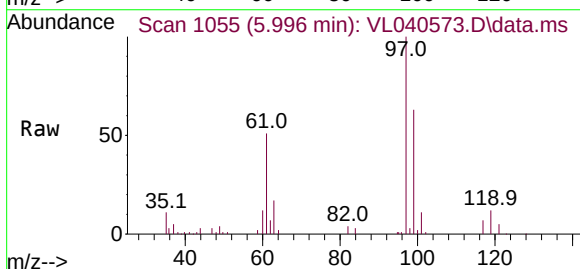
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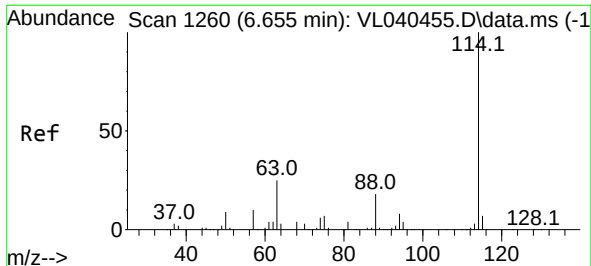
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.479 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

Tgt Ion: 97 Resp: 81797
 Ion Ratio Lower Upper
 97 100
 99 66.8 52.0 78.0
 61 52.9 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: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

Tgt Ion:114 Resp: 257572

Ion Ratio Lower Upper

114 100

63 26.8 19.6 29.4

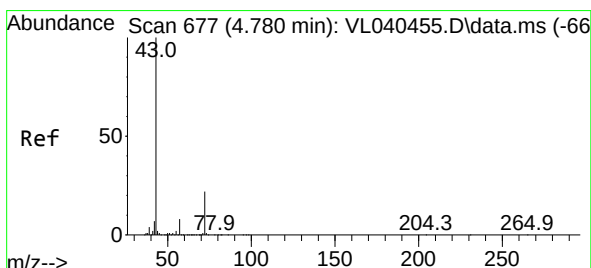
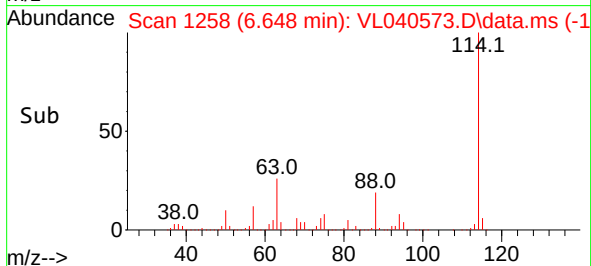
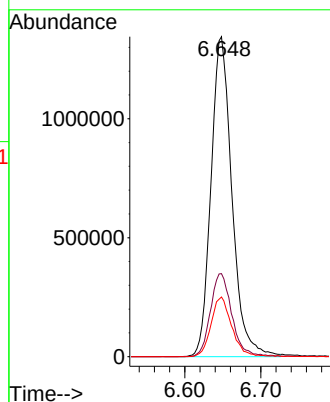
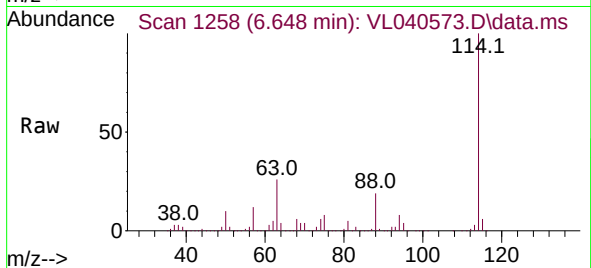
88 18.6 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

2-Butanone

Concen: 0.490 ppbv m

RT: 4.796 min Scan# 682

Delta R.T. 0.003 min

Lab File: VL040573.D

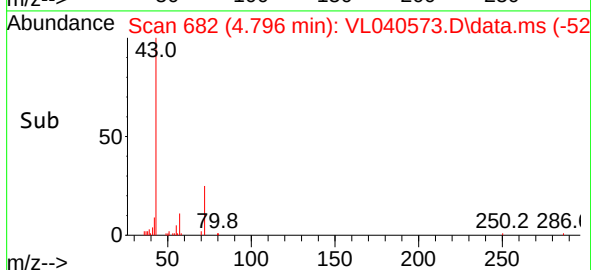
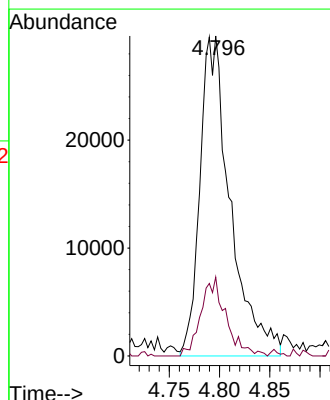
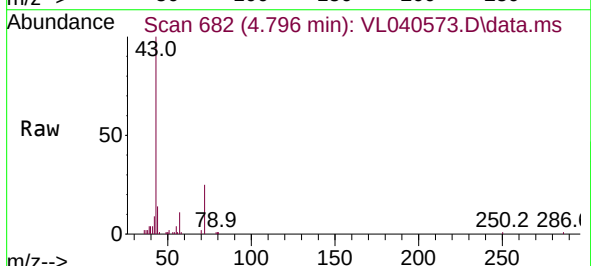
Acq: 31 Jul 2023 15:18

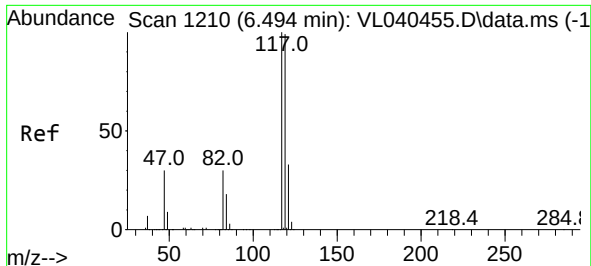
Tgt Ion: 43 Resp: 62389

Ion Ratio Lower Upper

43 100

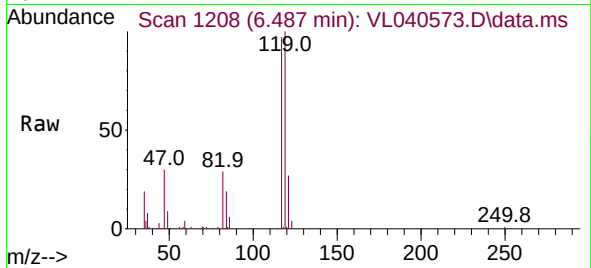
72 0.0 19.1 28.7#





#35
Carbon Tetrachloride
Concen: 0.514 ppbv
RT: 6.487 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

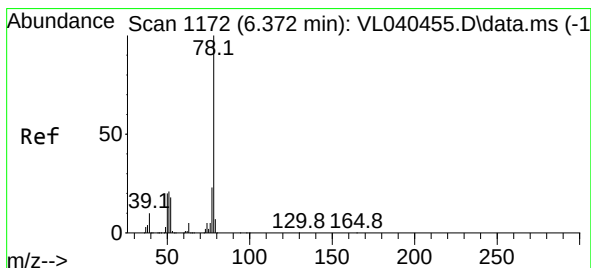
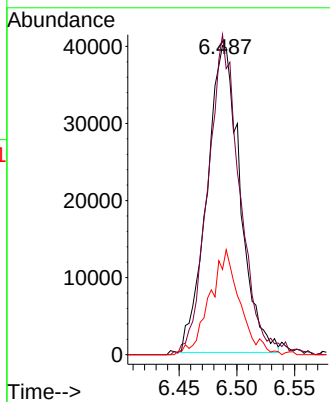
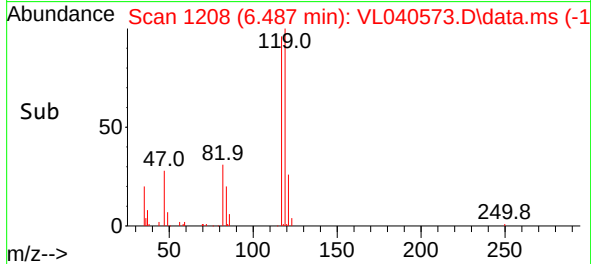
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



Tgt Ion: 117 Resp: 7973
Ion Ratio Lower Upper
117 100
119 103.8 77.8 116.6
121 26.8 24.8 37.2

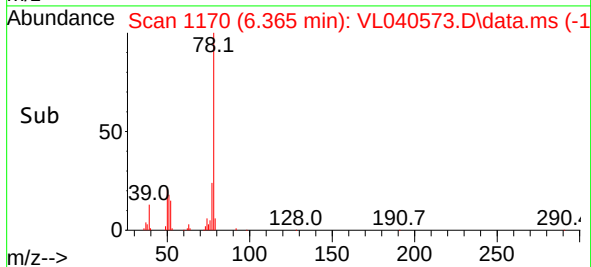
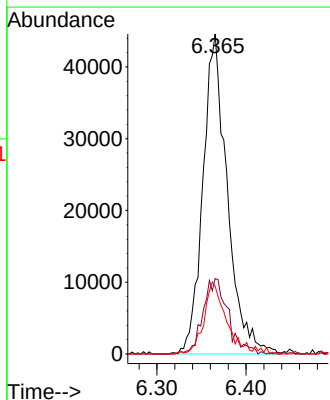
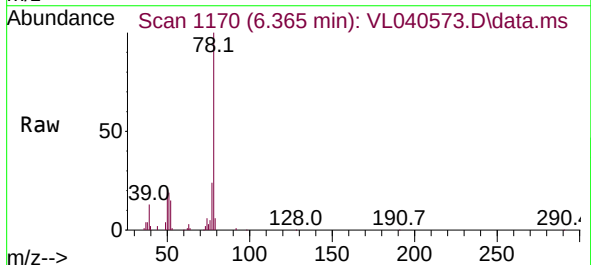
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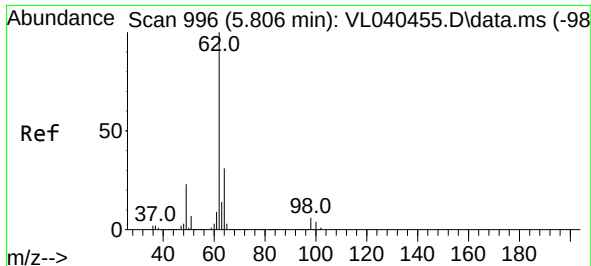
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#36
Benzene
Concen: 0.408 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

Tgt Ion: 78 Resp: 84565
Ion Ratio Lower Upper
78 100
77 23.1 17.4 26.0
50 21.2 14.4 21.6





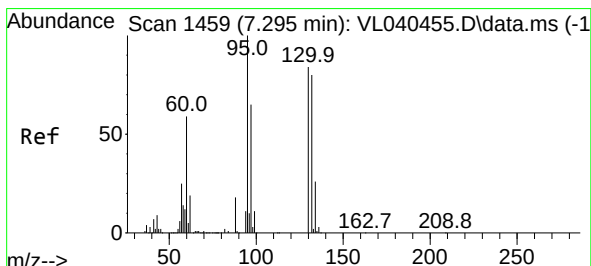
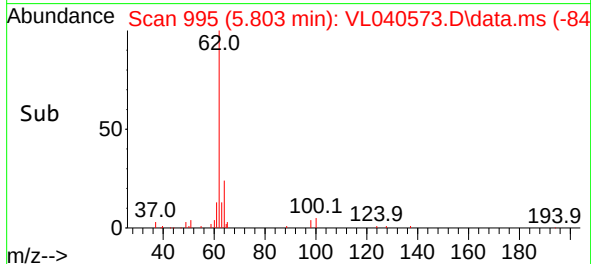
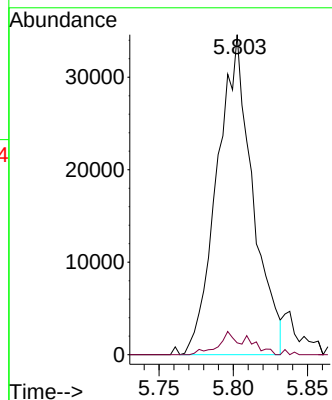
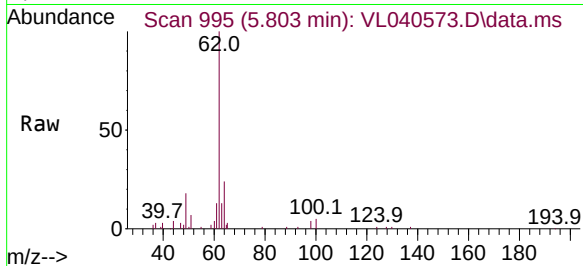
#37
1,2-Dichloroethane
Concen: 0.471 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

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

Tgt Ion: 62 Resp: 57440
Ion Ratio Lower Upper
62 100
98 6.2 5.1 7.7

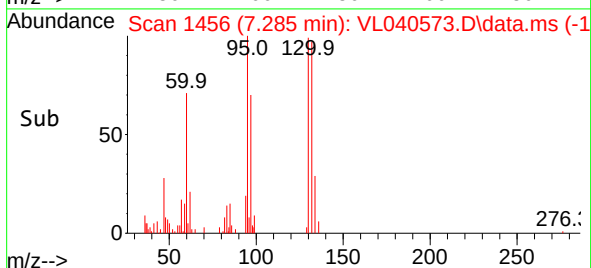
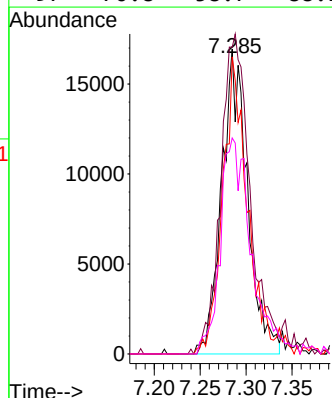
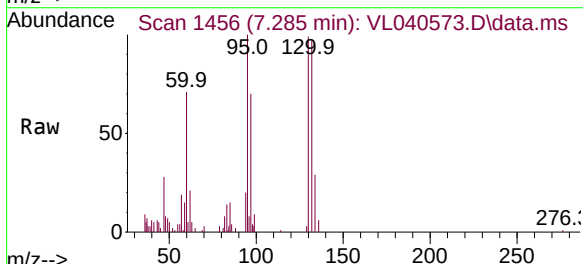
Manual Integrations
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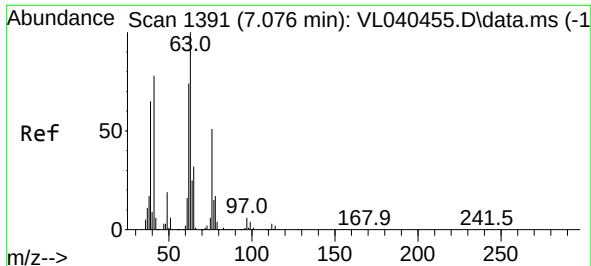
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#38
Trichloroethene
Concen: 0.422 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. -0.019 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

Tgt Ion:130 Resp: 33096
Ion Ratio Lower Upper
130 100
95 100.6 90.2 135.2
132 97.4 76.3 114.5
97 70.8 58.7 88.1





#39

1,2-Dichloropropane

Concen: 0.428 ppbv m

RT: 7.060 min Scan# 1464

Delta R.T. -0.023 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

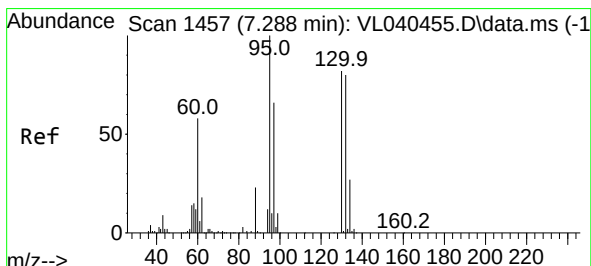
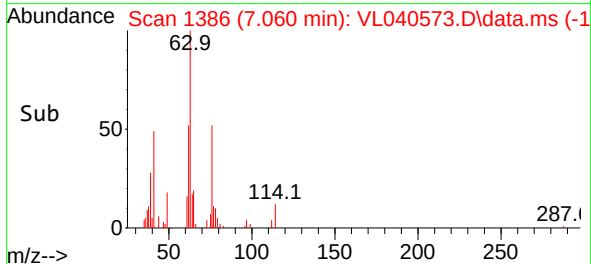
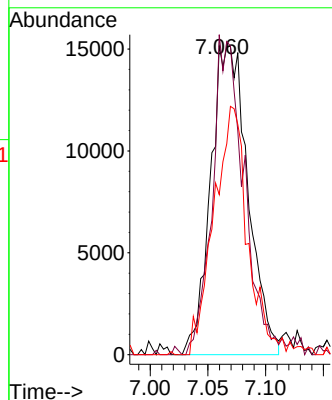
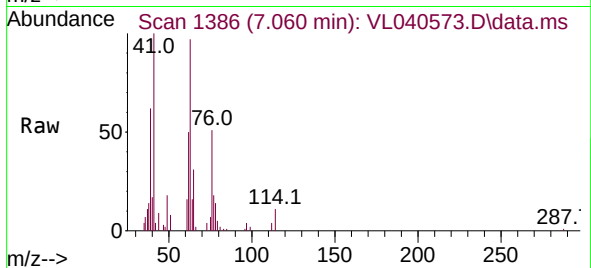
MDL-AIR-03-QT3-2023

Tgt Ion: 63	Resp: 3416
Ion Ratio	Lower Upper
63	100
41	103.6 54.3 81.5
62	51.9 55.6 83.4

Manual Integrations

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



#40

1,4-Dioxane

Concen: 0.440 ppbv m

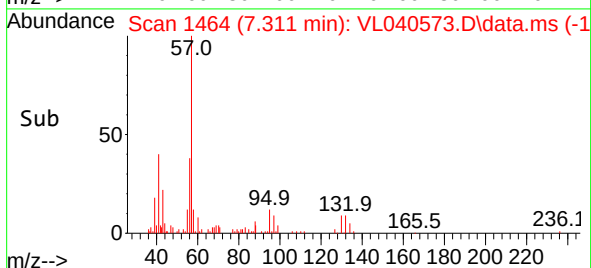
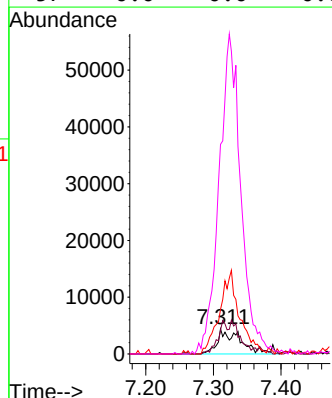
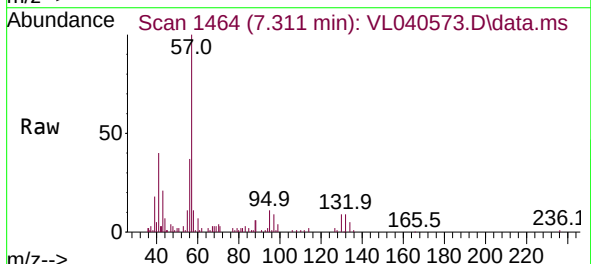
RT: 7.311 min Scan# 1464

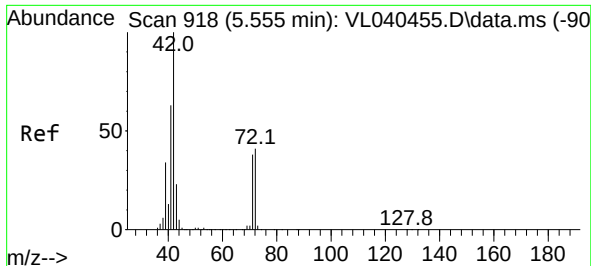
Delta R.T. 0.013 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

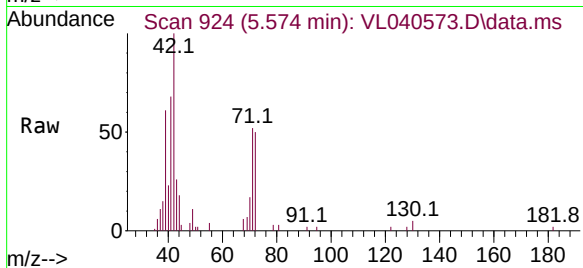
Tgt Ion: 88	Resp: 10980
Ion Ratio	Lower Upper
88	100
58	0.0 58.6 88.0
43	0.0 0.0 0.0
57	0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.354 ppbv m
RT: 5.574 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

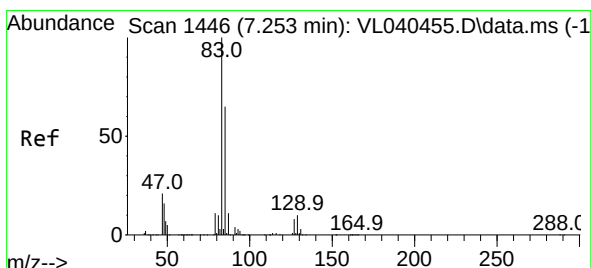
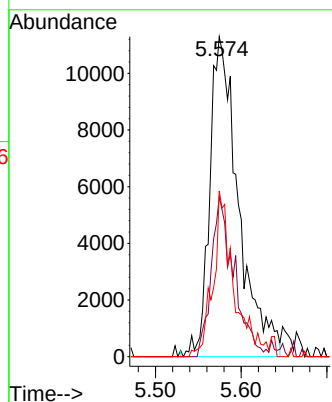
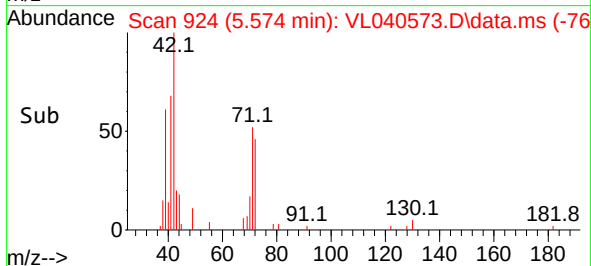
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 42 Resp: 26270
Ion Ratio Lower Upper
42 100
72 39.7 33.8 50.8
71 38.3 33.0 49.6

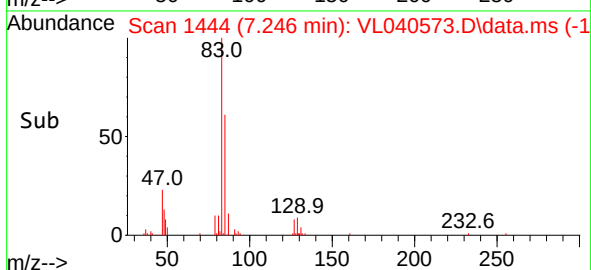
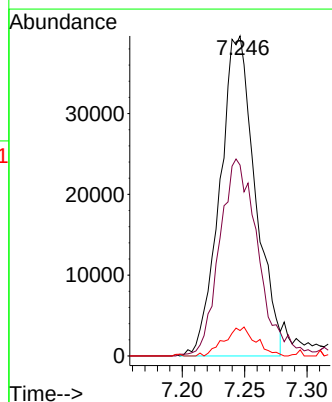
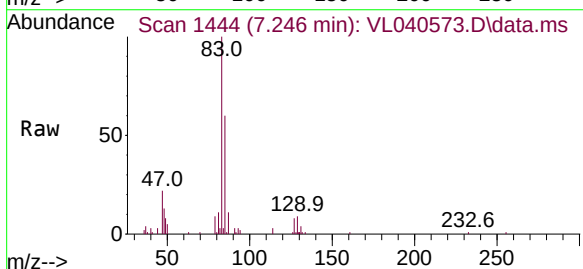
Manual Integrations
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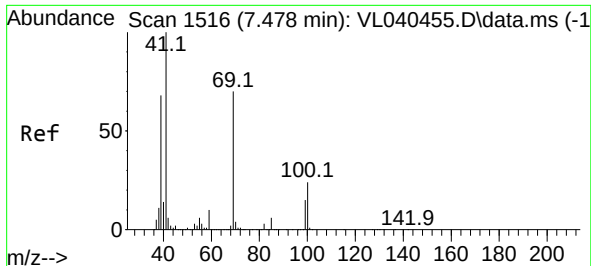
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
Bromodichloromethane
Concen: 0.463 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

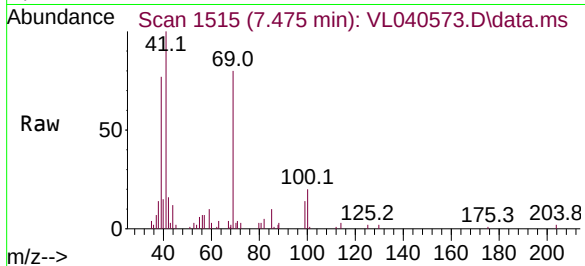
Tgt Ion: 83 Resp: 78531
Ion Ratio Lower Upper
83 100
85 59.1 51.1 76.7
127 7.4 6.5 9.7





#43
Methyl Methacrylate
Concen: 0.309 ppbv m
RT: 7.475 min Scan# 1468
Delta R.T. -0.010 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

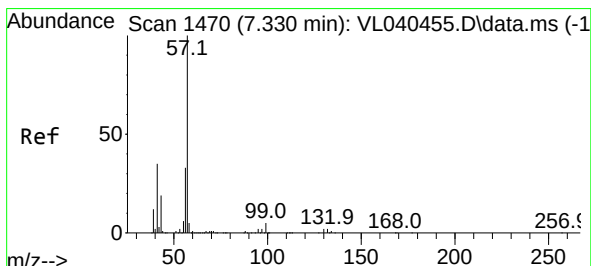
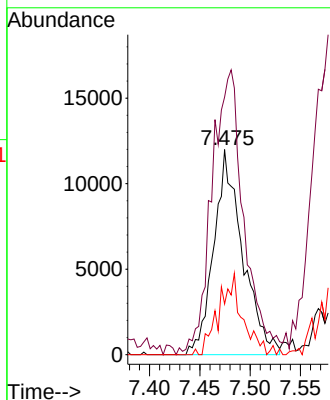
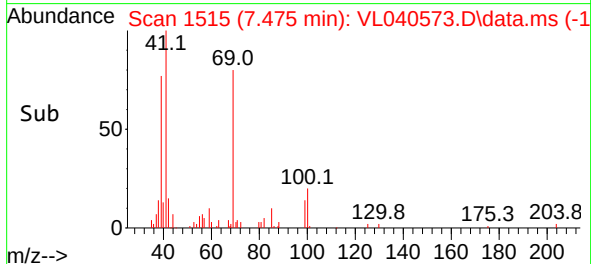
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



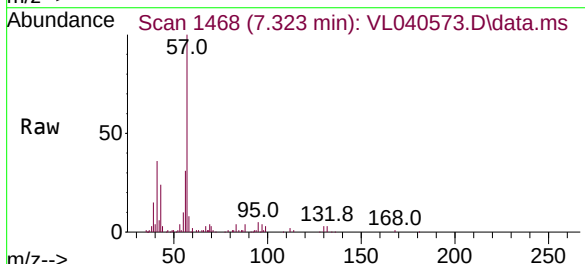
Tgt Ion: 69 Resp: 2393
Ion Ratio Lower Upper
69 100
41 155.5 111.7 167.5
100 32.7 26.9 40.3

Manual Integrations
APPROVED

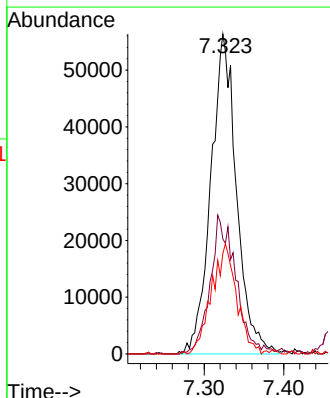
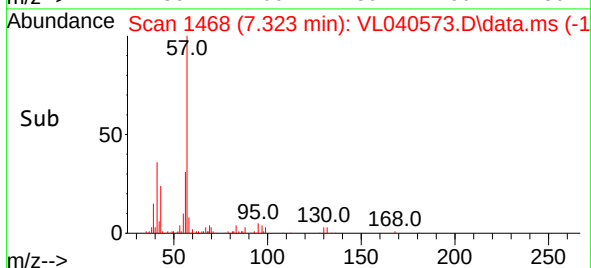
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

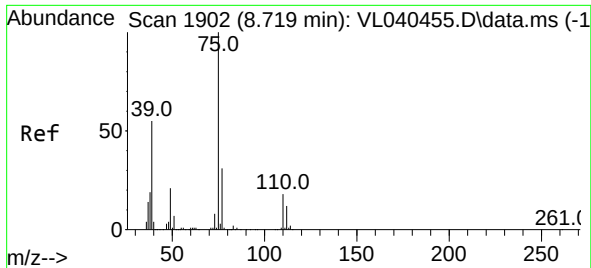


#44
2,2,4-Trimethylpentane
Concen: 0.379 ppbv m
RT: 7.323 min Scan# 1468
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18



Tgt Ion: 57 Resp: 126259
Ion Ratio Lower Upper
57 100
41 44.2 25.5 38.3#
56 34.5 25.1 37.7





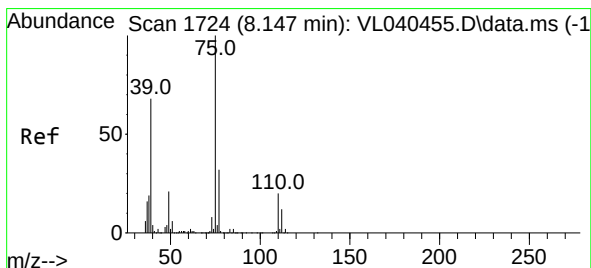
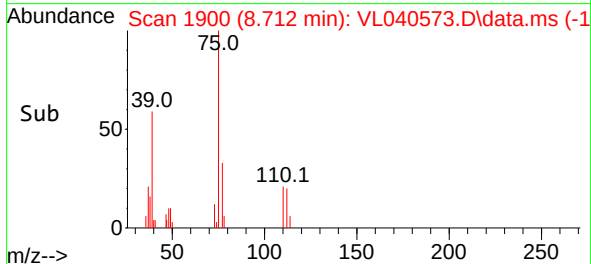
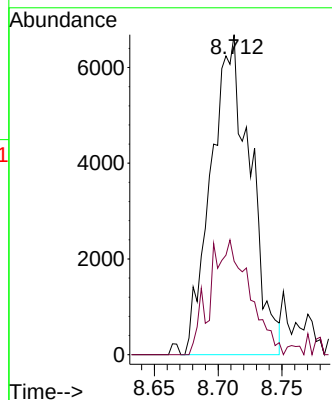
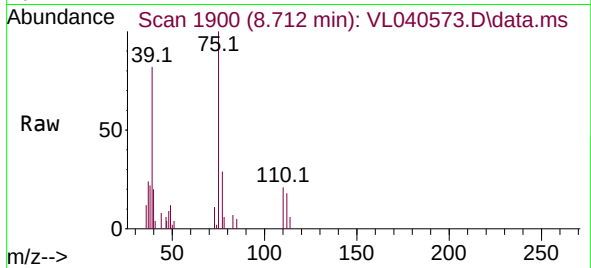
#45
 t-1,3-Dichloropropene
 Concen: 0.287 ppbv m
 RT: 8.712 min Scan# 1902
 Delta R.T. -0.010 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

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

Tgt Ion: 75 Resp: 14274
 Ion Ratio Lower Upper
 75 100
 77 29.2 26.0 39.0

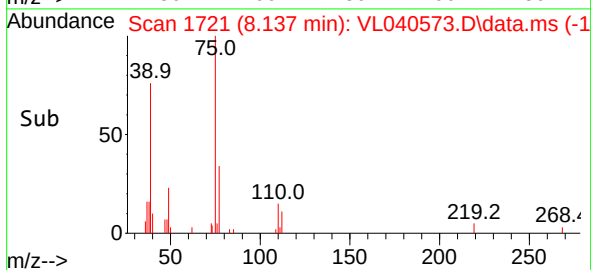
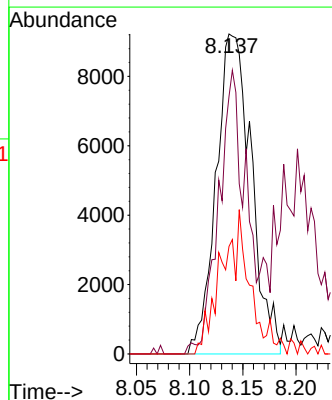
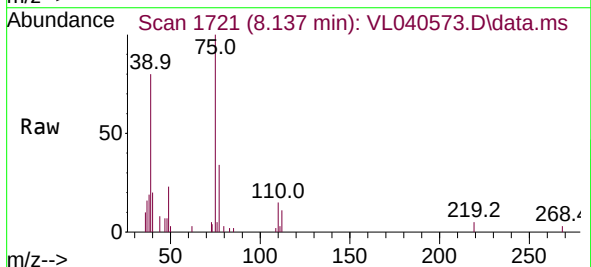
Manual Integrations
 APPROVED

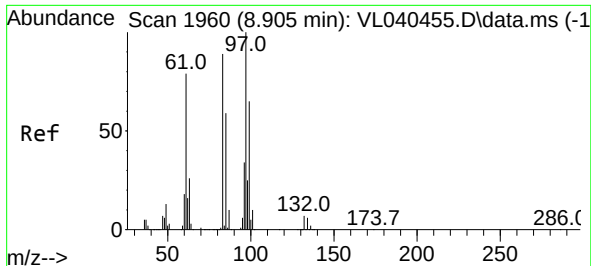
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#46
 cis-1,3-Dichloropropene
 Concen: 0.332 ppbv m
 RT: 8.137 min Scan# 1721
 Delta R.T. -0.016 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

Tgt Ion: 75 Resp: 21211
 Ion Ratio Lower Upper
 75 100
 39 80.4 48.0 72.0#
 77 33.6 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 0.433 ppbv m

RT: 8.902 min Scan# 1960

Delta R.T. -0.007 min

Lab File: VL040573.D

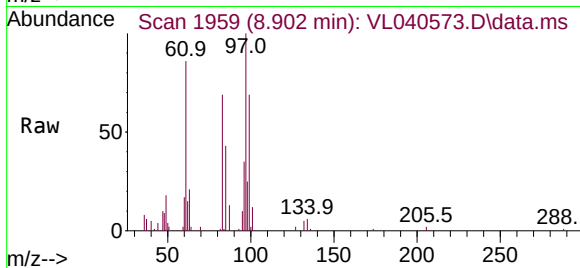
Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023



Tgt Ion: 97 Resp: 38070

Ion Ratio Lower Upper

97 100

83 69.2 73.4 110.0

85 43.5 46.6 70.0

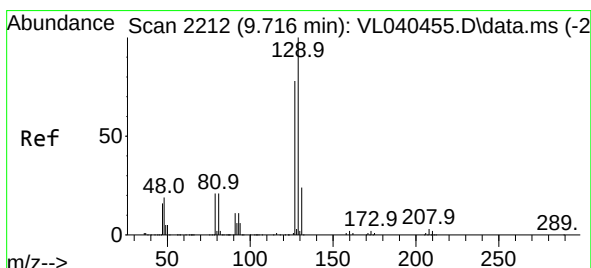
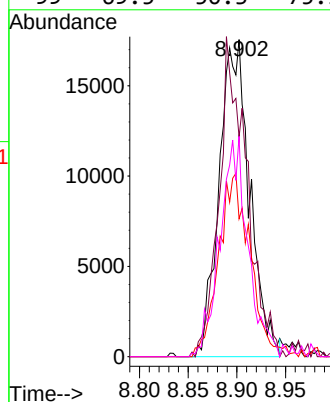
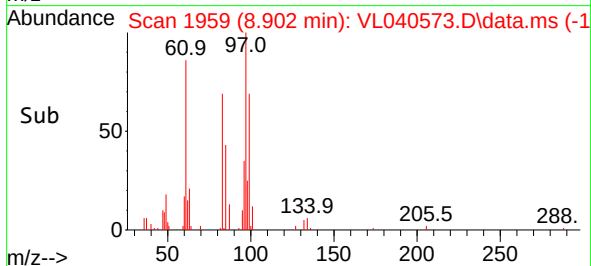
99 69.5 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#48

Dibromochloromethane

Concen: 0.397 ppbv m

RT: 9.706 min Scan# 2209

Delta R.T. -0.016 min

Lab File: VL040573.D

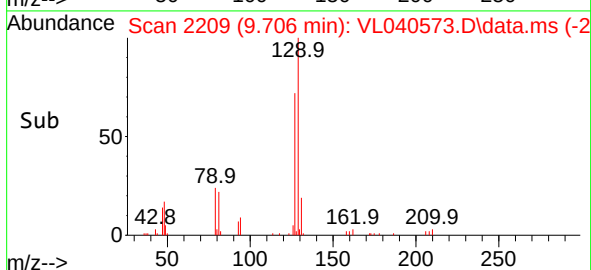
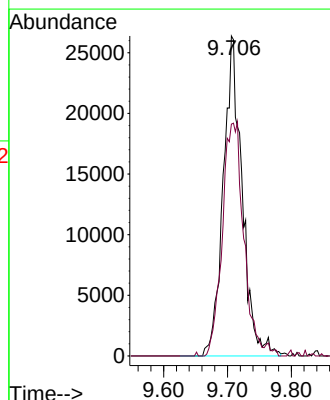
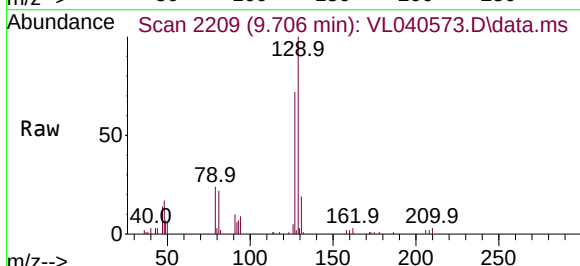
Acq: 31 Jul 2023 15:18

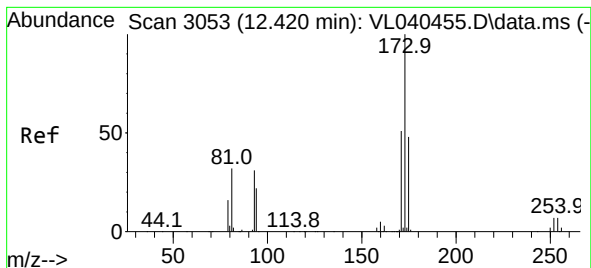
Tgt Ion:129 Resp: 53968

Ion Ratio Lower Upper

129 100

127 83.8 39.1 117.3





#49

Bromoform

Concen: 0.385 ppbv m

RT: 12.413 min Scan# 3053

Delta R.T. -0.010 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

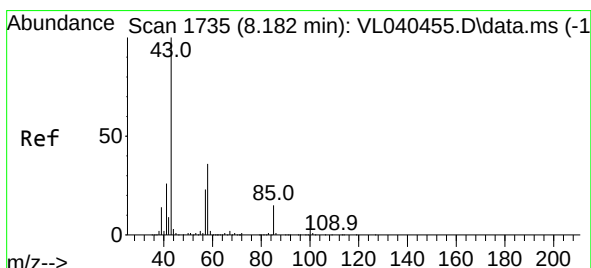
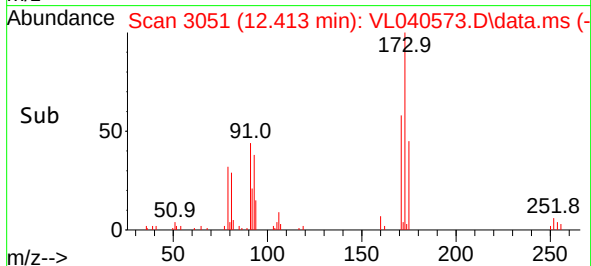
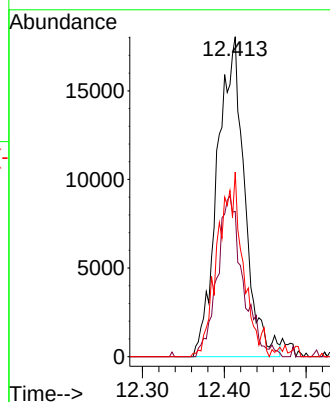
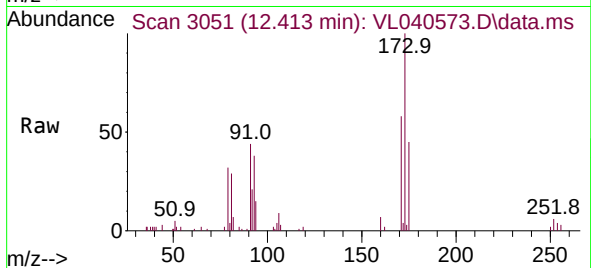
MDL-AIR-03-QT3-2023

Tgt Ion:173 Resp: 41530
 Ion Ratio Lower Upper
 173 100
 175 0.0 39.5 59.3
 171 0.0 42.2 63.4

Manual Integrations

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



#50

4-Methyl-2-Pentanone

Concen: 0.350 ppbv

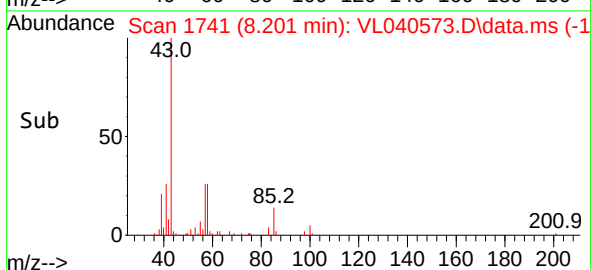
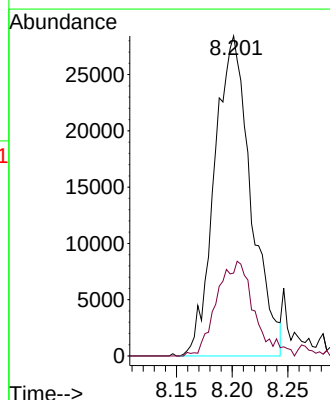
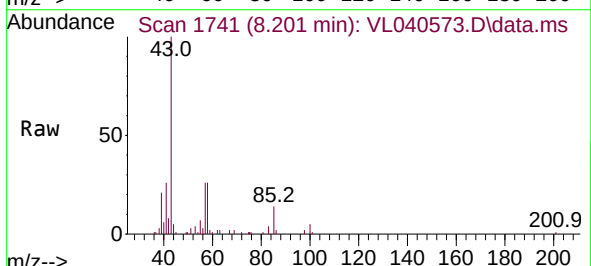
RT: 8.201 min Scan# 1741

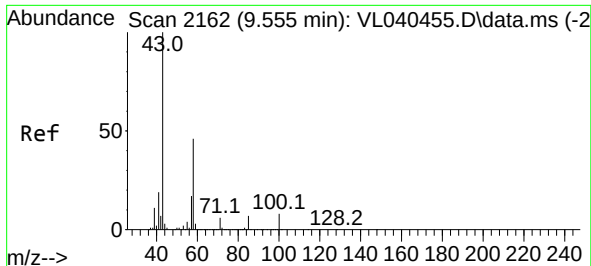
Delta R.T. 0.009 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

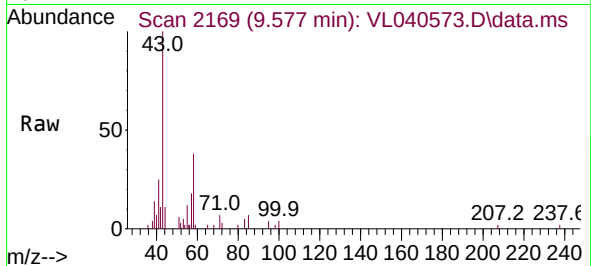
Tgt Ion: 43 Resp: 64717
 Ion Ratio Lower Upper
 43 100
 58 31.7 30.2 45.2





#51
2-Hexanone
Concen: 0.286 ppbv m
RT: 9.577 min Scan# 2162
Delta R.T. 0.016 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

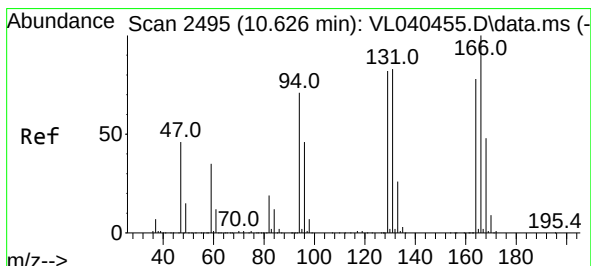
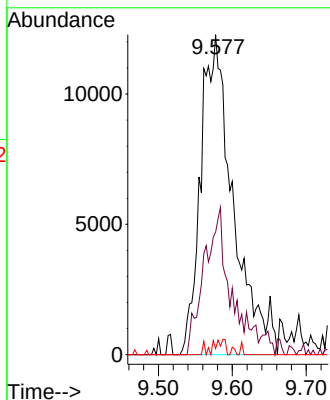
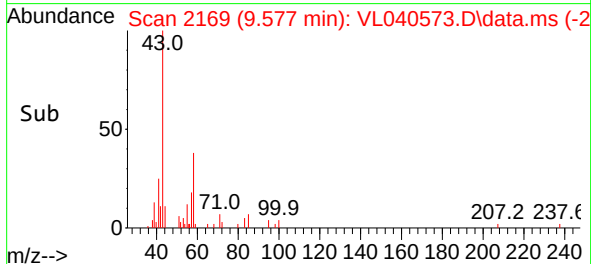
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 43 Resp: 3746
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5
98 0.0 0.3 0.5

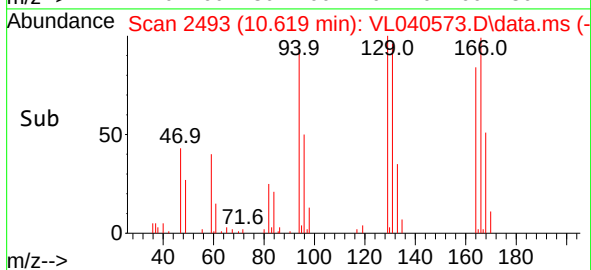
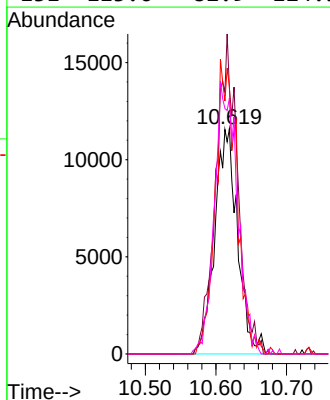
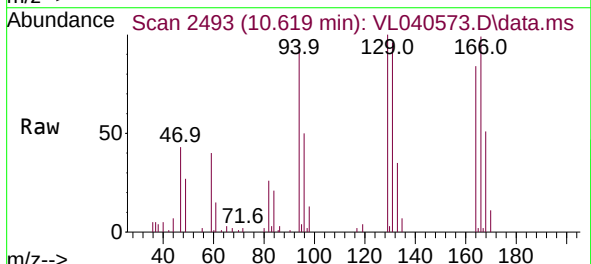
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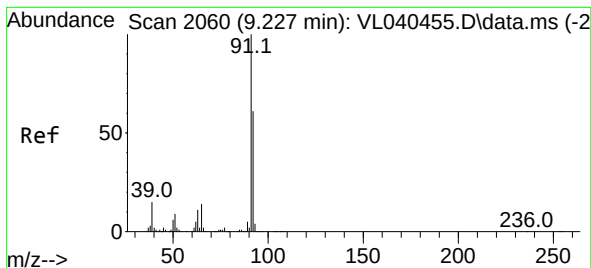
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Tetrachloroethene
Concen: 0.388 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.007 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

Tgt Ion:164 Resp: 26051
Ion Ratio Lower Upper
164 100
166 117.8 103.9 155.9
129 118.8 84.6 126.8
131 113.6 82.9 124.3





#53

Toluene

Concen: 0.301 ppbv

RT: 9.220 min Scan# 2060

Delta R.T. -0.010 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

Tgt Ion: 91 Resp: 6786

Ion Ratio Lower Upper

91 100

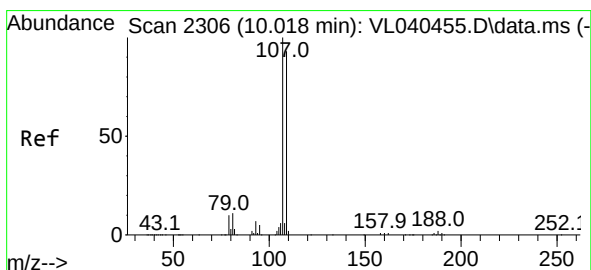
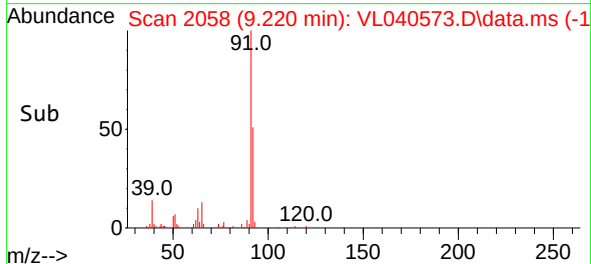
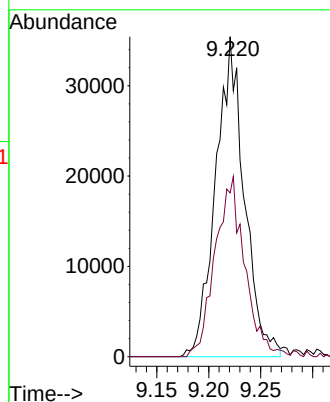
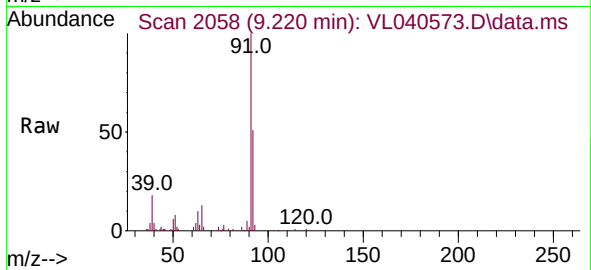
92 58.5 49.1 73.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#54

1,2-Dibromoethane

Concen: 0.412 ppbv m

RT: 10.002 min Scan# 2301

Delta R.T. -0.019 min

Lab File: VL040573.D

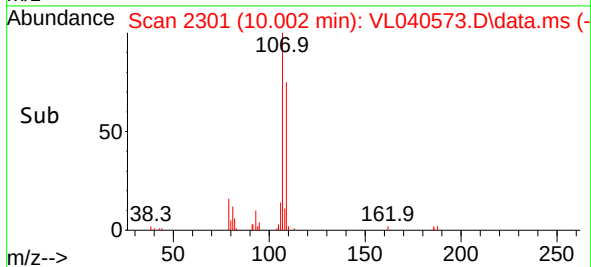
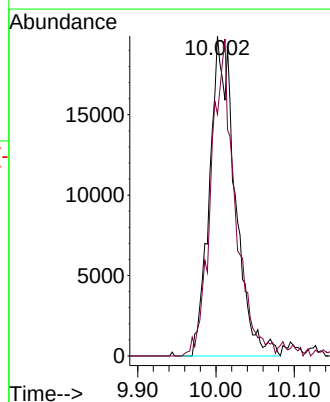
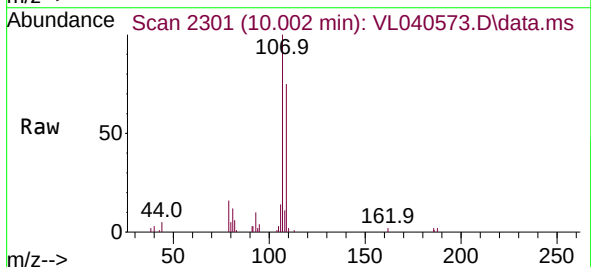
Acq: 31 Jul 2023 15:18

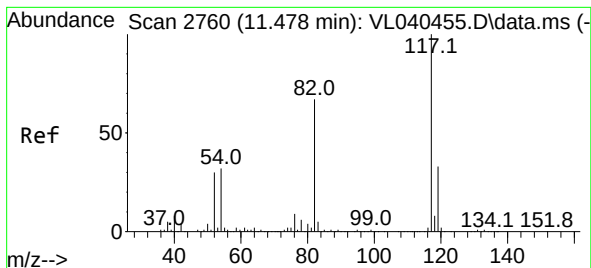
Tgt Ion:107 Resp: 45083

Ion Ratio Lower Upper

107 100

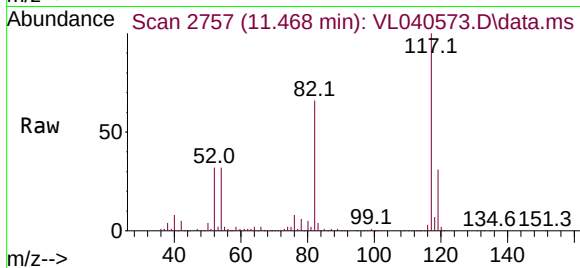
109 75.5 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 219705
Delta R.T. -0.010 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

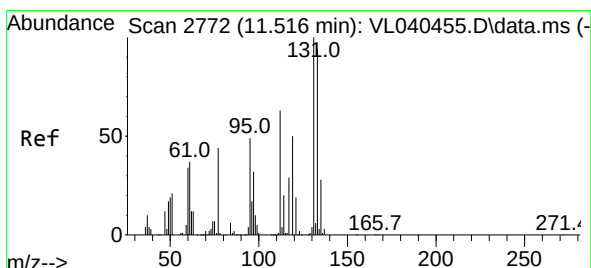
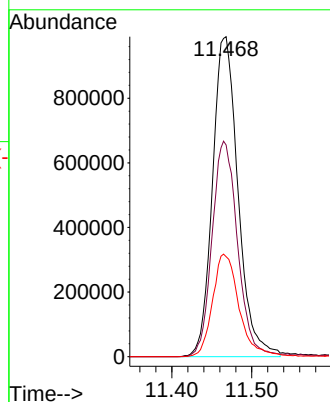
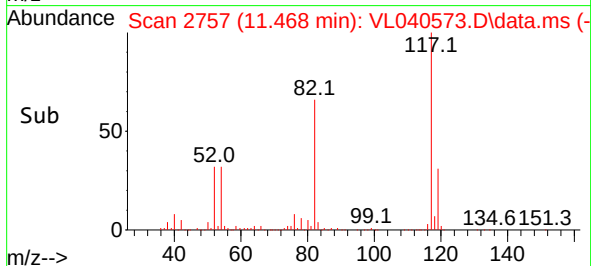
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



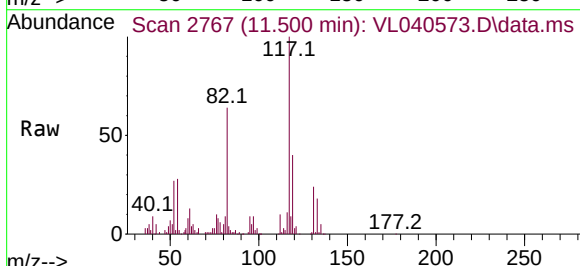
Tgt Ion:117 Resp: 219705
Ion Ratio Lower Upper
117 100
82 68.4 50.2 75.4
119 33.4 26.9 40.3

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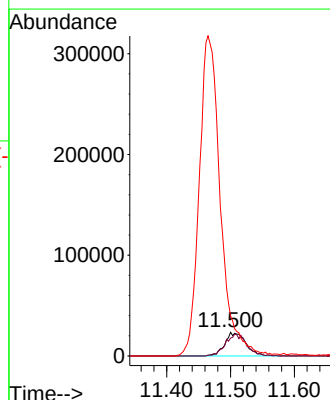
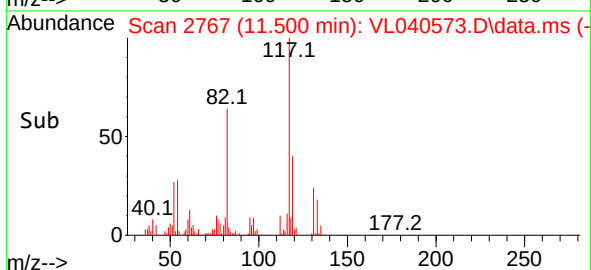
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

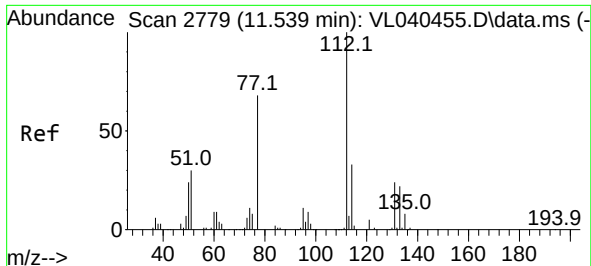


#56
1,1,1,2-Tetrachloroethane
Concen: 0.540 ppbv m
RT: 11.500 min Scan# 2767
Delta R.T. -0.019 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18



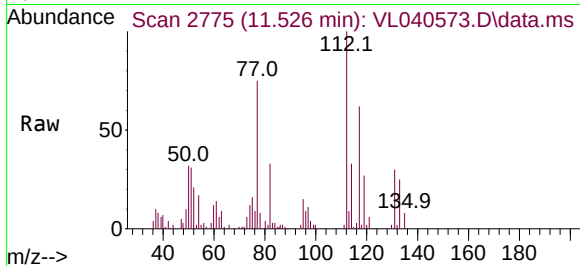
Tgt Ion:131 Resp: 53141
Ion Ratio Lower Upper
131 100
133 93.7 76.3 114.5
119 0.0 51.1 76.7#





#57
Chlorobenzene
Concen: 0.485 ppbv m
RT: 11.526 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

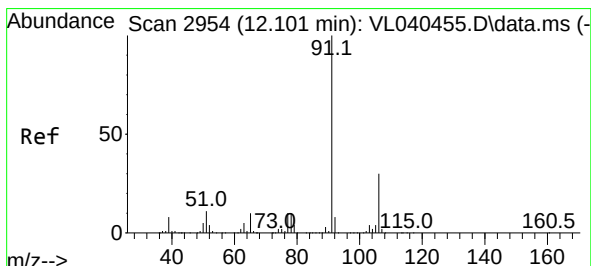
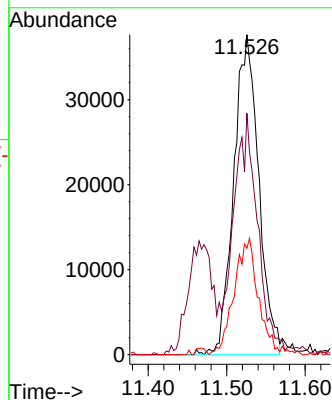
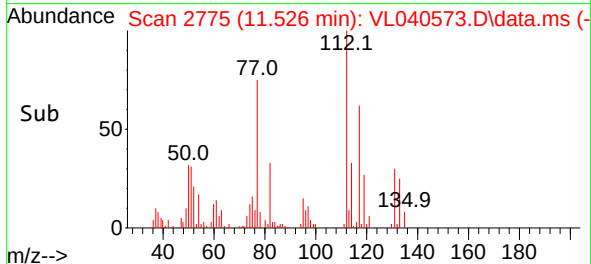
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion:112 Resp: 83117
Ion Ratio Lower Upper
112 100
77 75.5 51.0 76.6
114 33.2 28.3 34.5

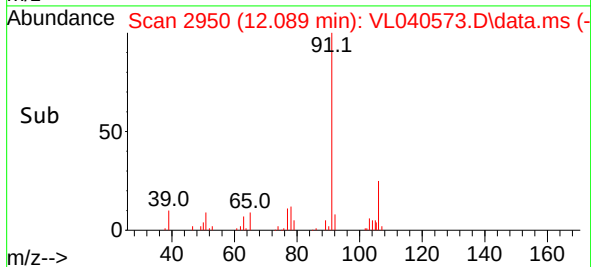
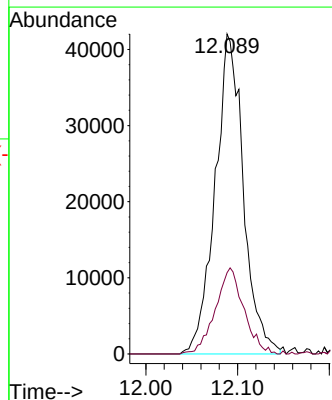
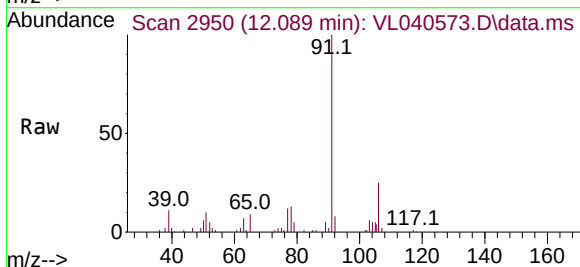
Manual Integrations
APPROVED

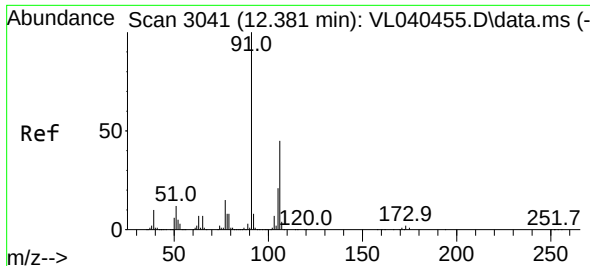
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#58
Ethyl Benzene
Concen: 0.326 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

Tgt Ion: 91 Resp: 89802
Ion Ratio Lower Upper
91 100
106 25.4 25.4 38.0





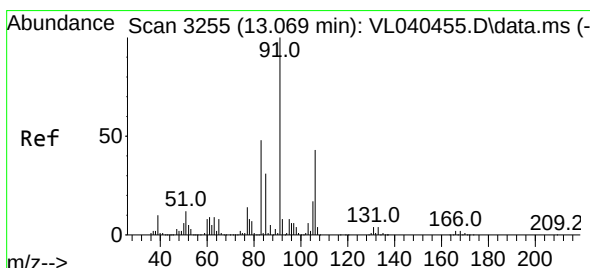
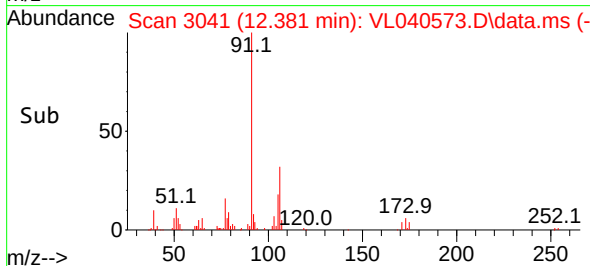
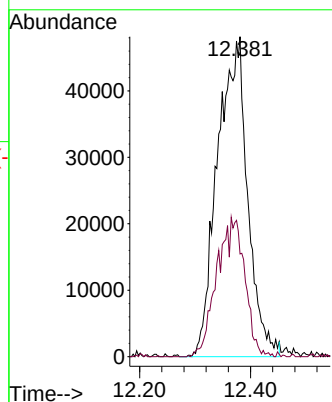
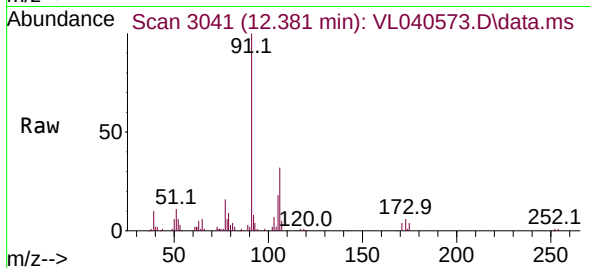
#59
m/p-Xylene
Concen: 0.738 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.003 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

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

Tgt Ion: 91 Resp: 18155
Ion Ratio Lower Upper
91 100
106 0.0 35.9 53.9

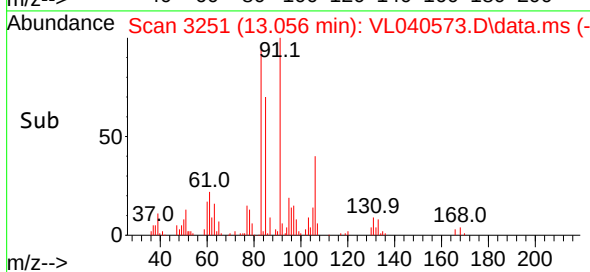
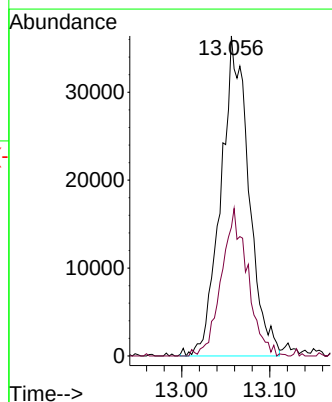
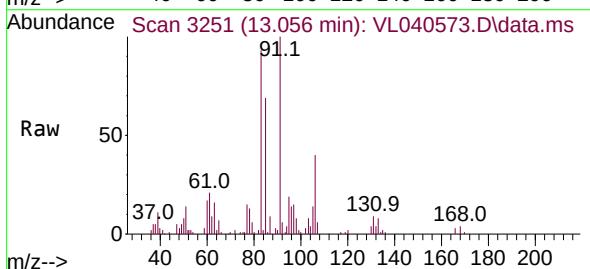
Manual Integrations
APPROVED

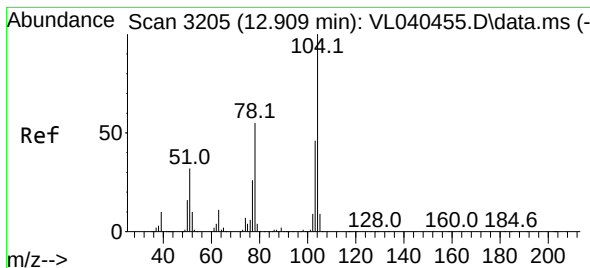
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
o-Xylene
Concen: 0.343 ppbv m
RT: 13.056 min Scan# 3251
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

Tgt Ion: 91 Resp: 80516
Ion Ratio Lower Upper
91 100
106 43.3 22.7 68.0





#61

Styrene

Concen: 0.256 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

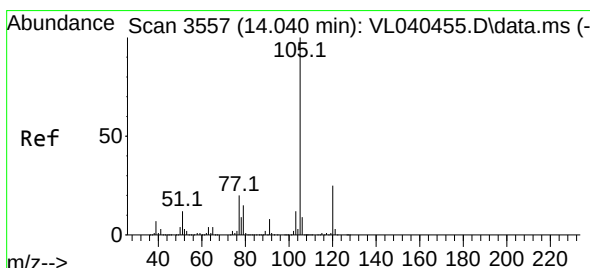
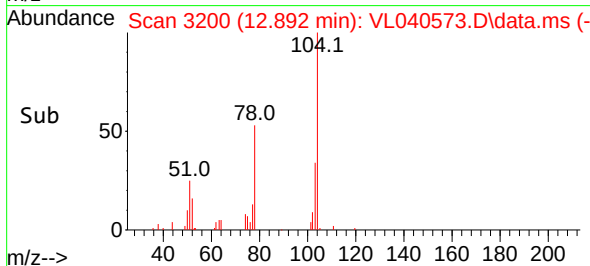
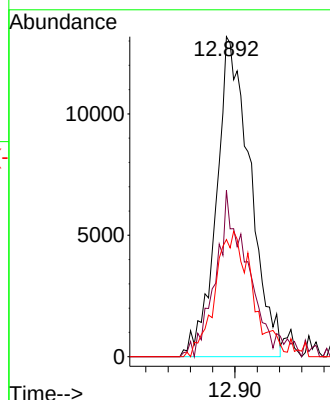
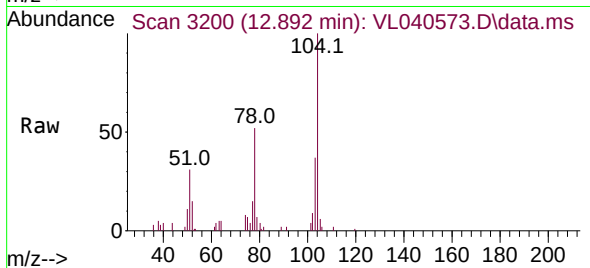
MDL-AIR-03-QT3-2023

Tgt Ion:	104	Resp:	2773
Ion Ratio	Lower	Upper	
104	100		
78	50.4	40.1	60.1
103	44.4	37.0	55.4

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.387 ppbv

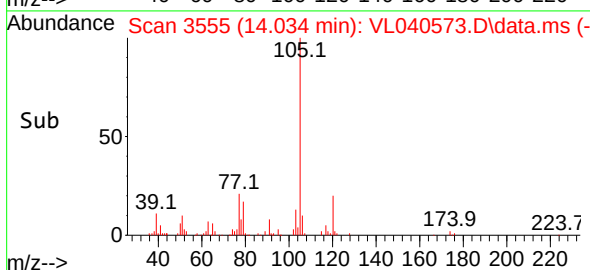
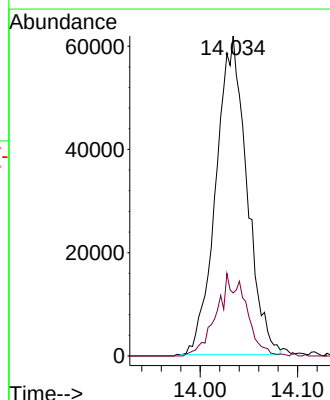
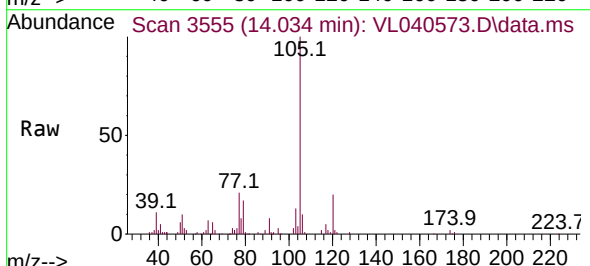
RT: 14.034 min Scan# 3555

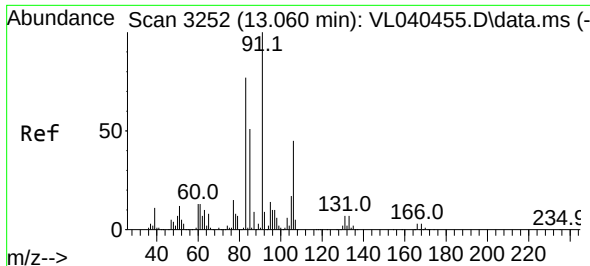
Delta R.T. -0.007 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

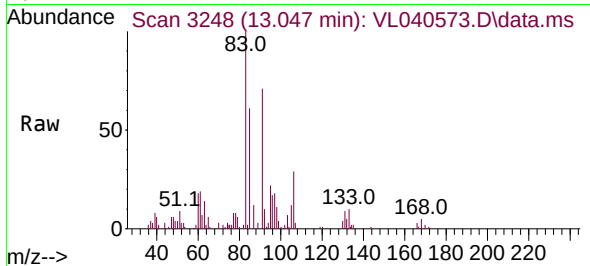
Tgt Ion:	105	Resp:	135934
Ion Ratio	Lower	Upper	
105	100		
120	25.0	20.8	31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.519 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

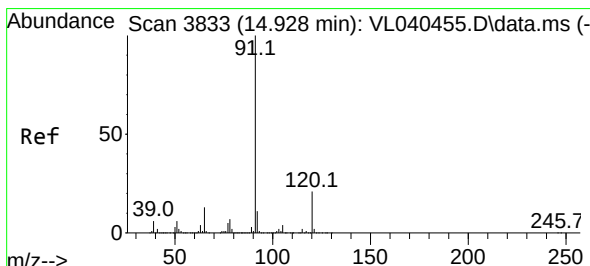
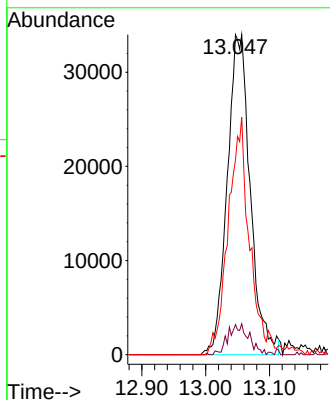
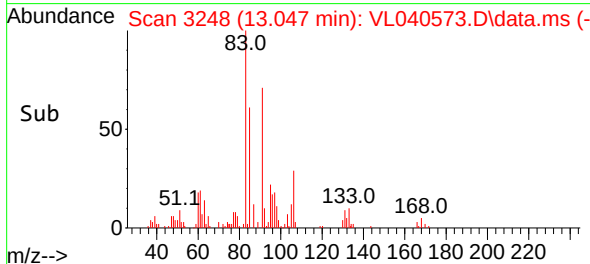
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



Tgt Ion: 83 Resp: 8527
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 0.0 32.8 98.3

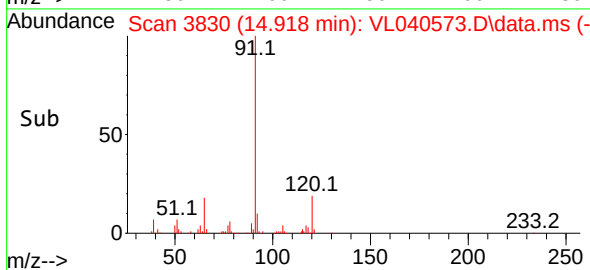
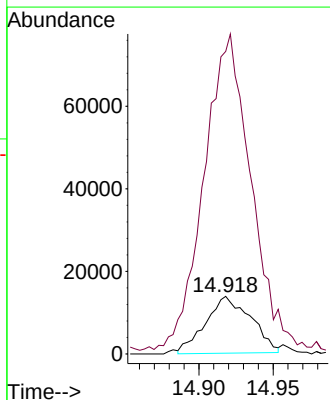
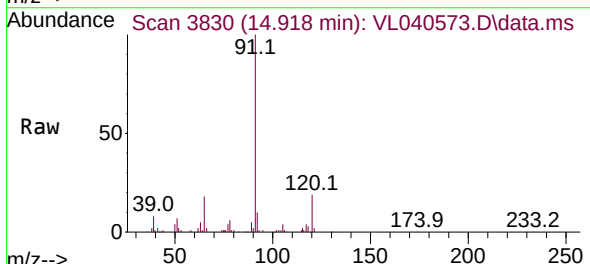
Manual Integrations
APPROVED

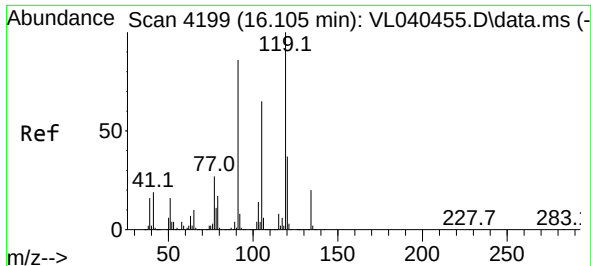
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#64
n-propylbenzene
Concen: 0.322 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

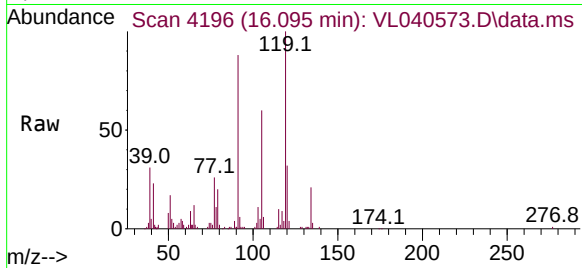
Tgt Ion:120 Resp: 29235
Ion Ratio Lower Upper
120 100
91 610.8 374.3 561.5#





#65
tert-Butylbenzene
Concen: 0.370 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.007 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

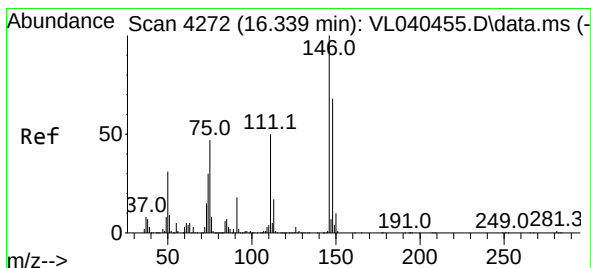
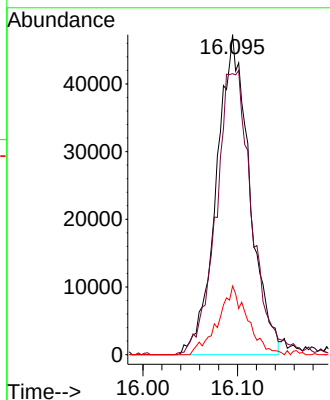
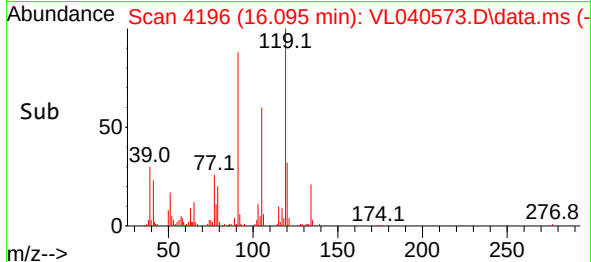
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2023



Tgt Ion: 119 Resp: 115214
Ion Ratio Lower Upper
119 100
91 96.2 66.1 99.1
134 19.4 15.7 23.5

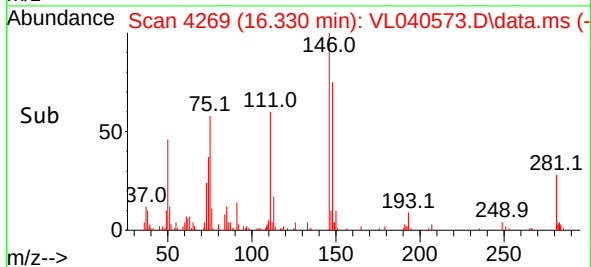
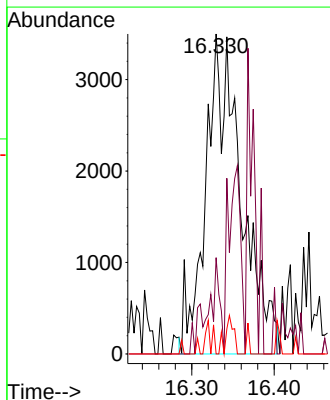
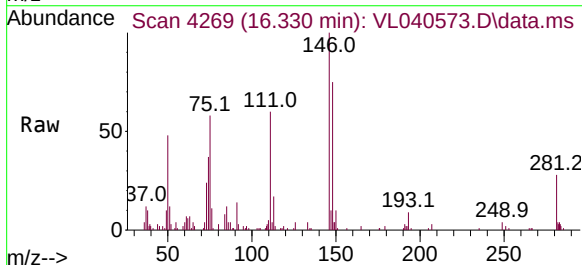
Manual Integrations
APPROVED

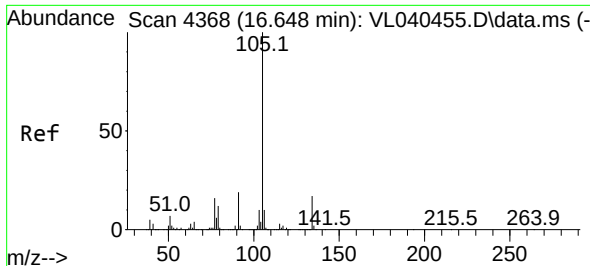
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#66
Benzyl Chloride
Concen: 0.473 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. -0.007 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

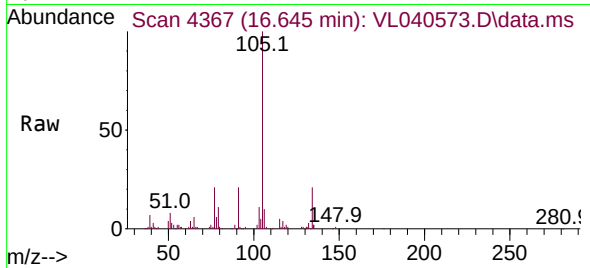
Tgt Ion: 91 Resp: 10406
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#





#67
 sec-Butylbenzene
 Concen: 0.396 ppbv m
 RT: 16.645 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

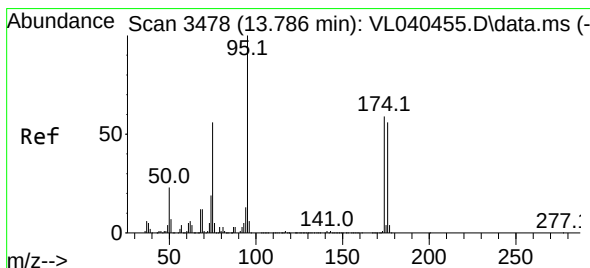
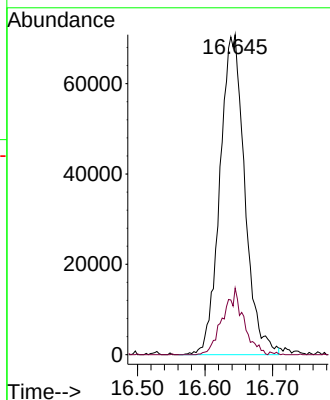
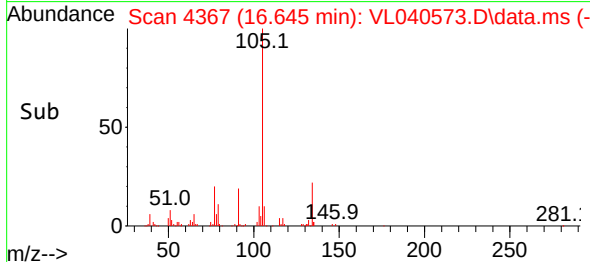
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2023



Tgt Ion:105 Resp: 180780
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6

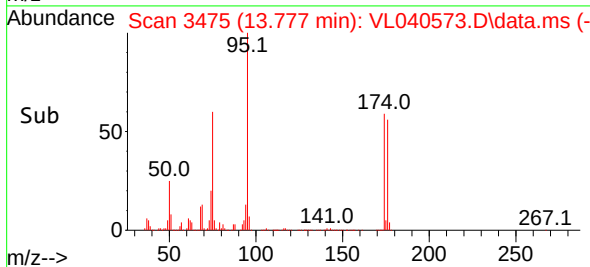
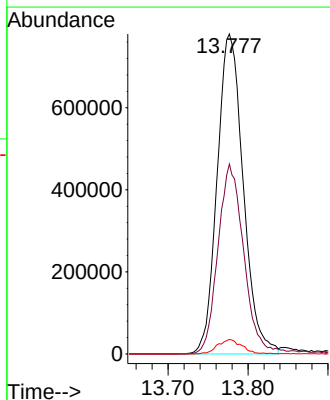
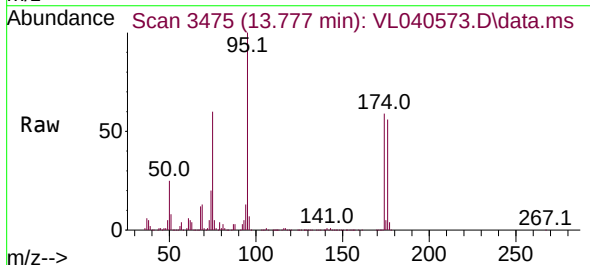
Manual Integrations
 APPROVED

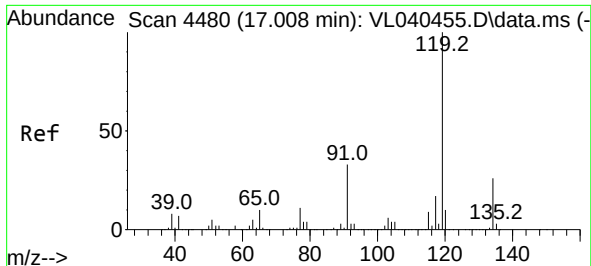
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.148 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.007 min
 Lab File: VL040573.D
 Acq: 31 Jul 2023 15:18

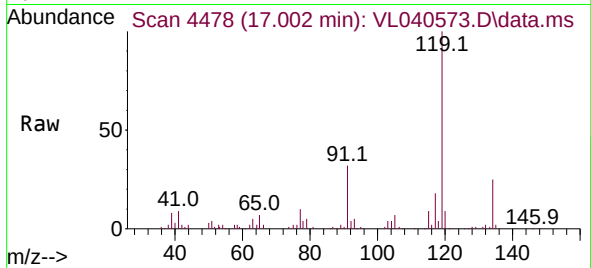
Tgt Ion: 95 Resp: 1764504
 Ion Ratio Lower Upper
 95 100
 174 60.3 50.6 75.8
 175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.329 ppbv
RT: 17.002 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

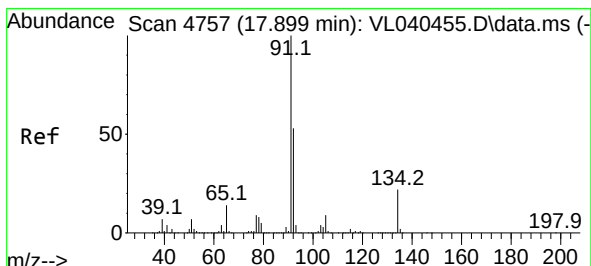
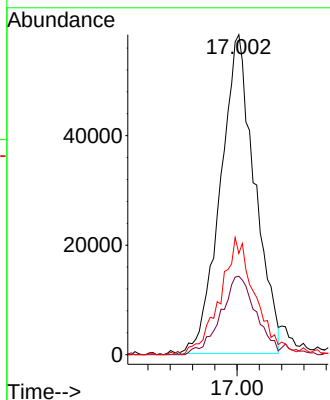
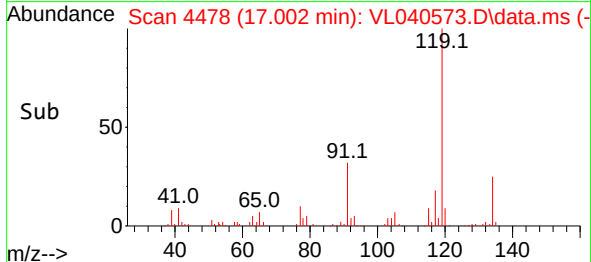
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



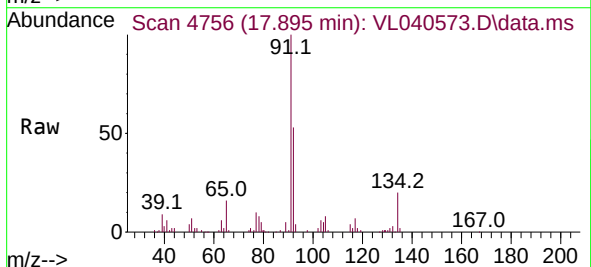
Tgt Ion: 119 Resp: 124349
Ion Ratio Lower Upper
119 100
134 26.6 20.5 30.7
91 38.8 23.8 35.8

Manual Integrations
APPROVED

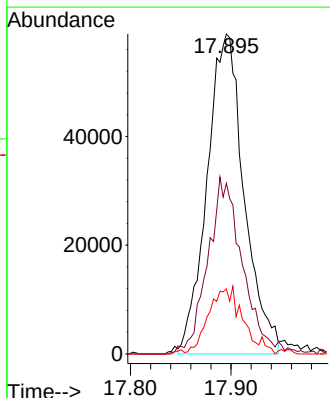
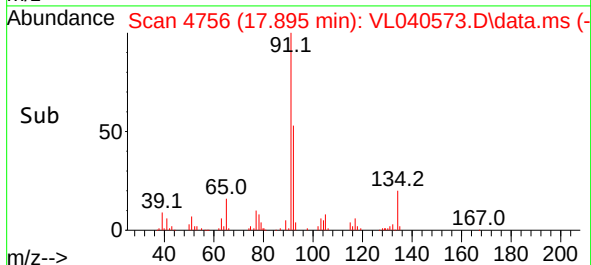
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

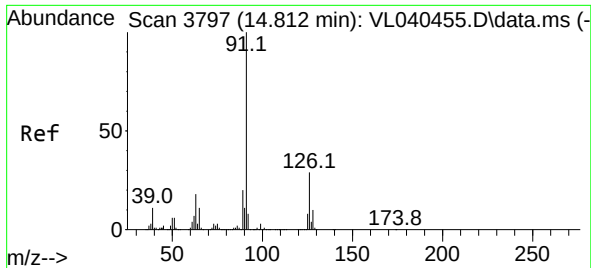


#70
n-Butylbenzene
Concen: 0.359 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.000 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18



Tgt Ion: 91 Resp: 151017
Ion Ratio Lower Upper
91 100
92 51.9 43.4 65.0
134 19.9 18.1 27.1





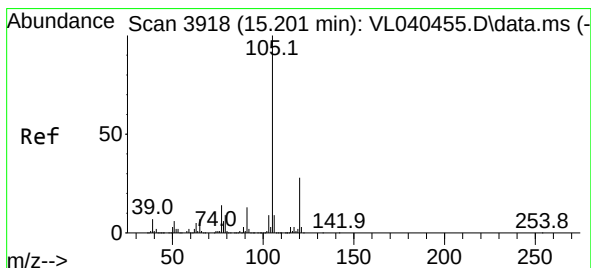
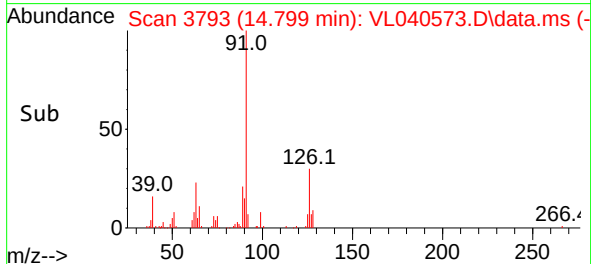
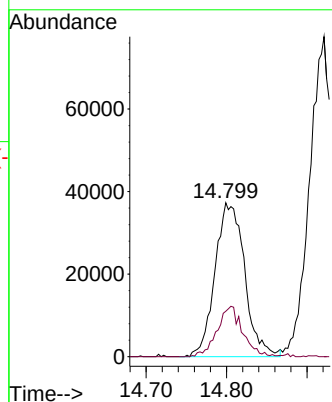
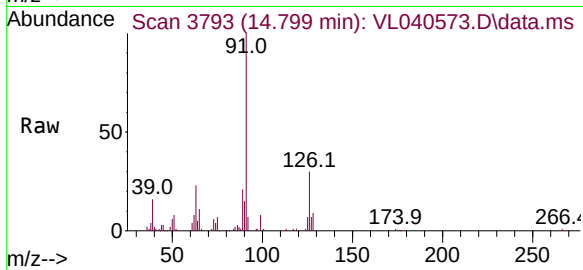
#71
2-Chlorotoluene
Concen: 0.353 ppbv m
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

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

Tgt Ion: 91 Resp: 95618
Ion Ratio Lower Upper
91 100
126 0.0 12.4 49.8

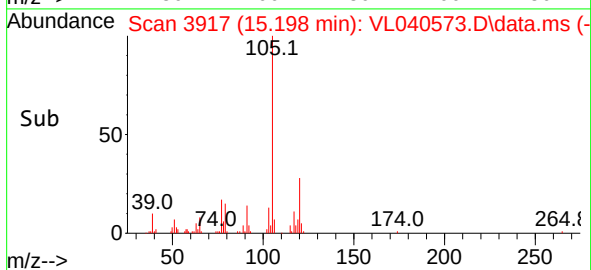
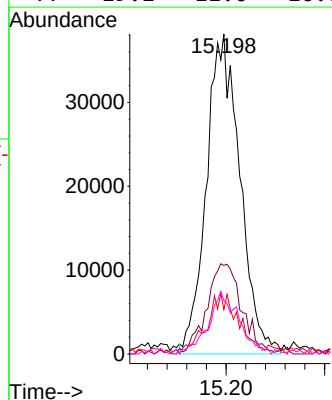
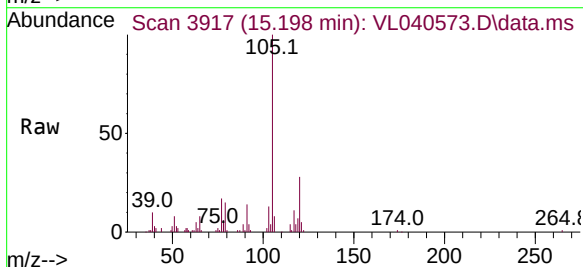
Manual Integrations
APPROVED

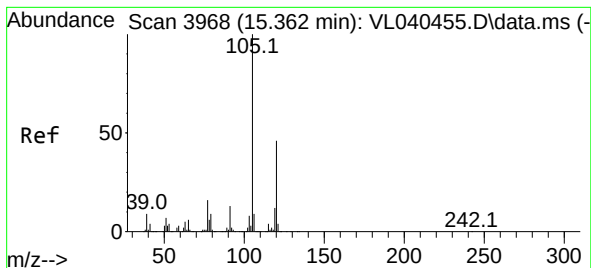
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#72
4-Ethyltoluene
Concen: 0.328 ppbv m
RT: 15.198 min Scan# 3917
Delta R.T. -0.007 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

Tgt Ion:105 Resp: 90214
Ion Ratio Lower Upper
105 100
120 30.6 24.6 37.0
91 19.2 10.7 16.1#
77 19.1 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.316 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.007 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023

Tgt Ion:105 Resp: 7658

Ion Ratio Lower Upper

105 100

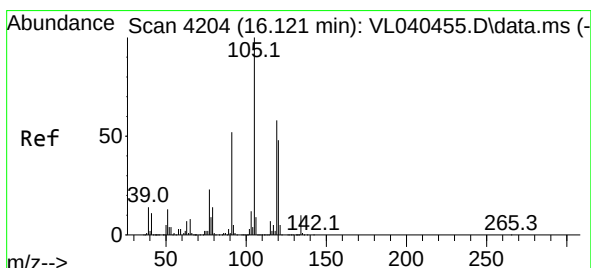
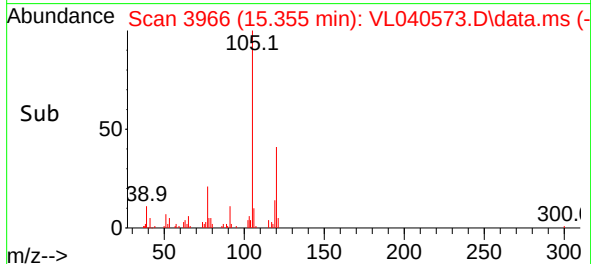
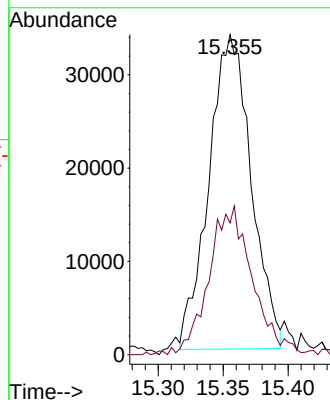
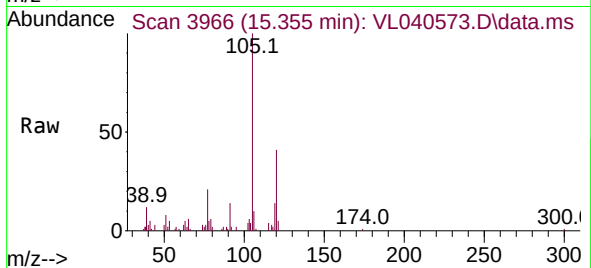
120 40.8 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.392 ppbv m

RT: 16.114 min Scan# 4202

Delta R.T. -0.003 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

Tgt Ion:105 Resp: 110715

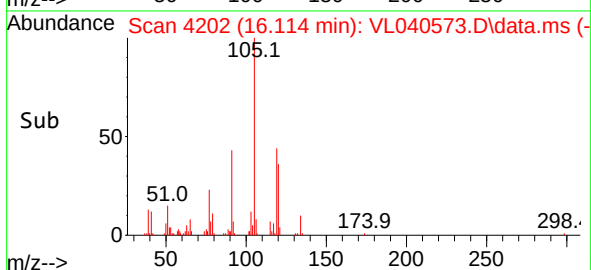
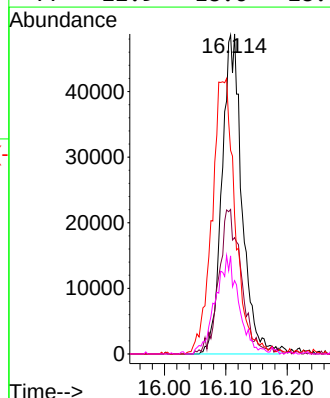
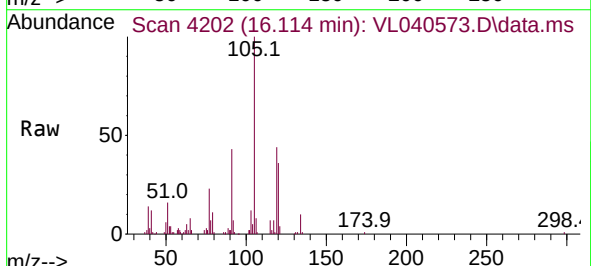
Ion Ratio Lower Upper

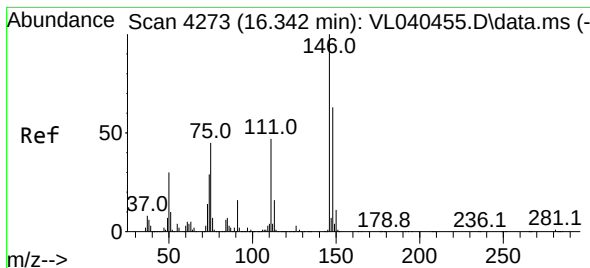
105 100

120 36.3 40.3 60.5#

91 43.3 46.8 70.2#

77 22.9 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 0.431 ppbv

RT: 16.339 min Scan# 4316

Delta R.T. -0.003 min

Lab File: VL040573.D

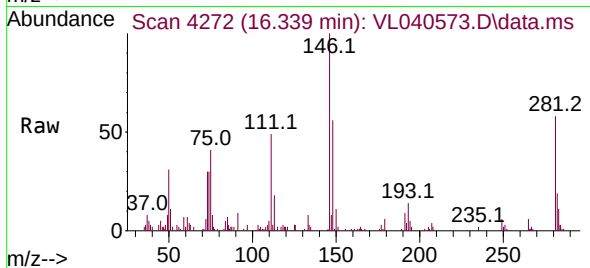
Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023



Tgt Ion:146 Resp: 73800

Ion Ratio Lower Upper

146 100

111 56.8 23.6 71.0

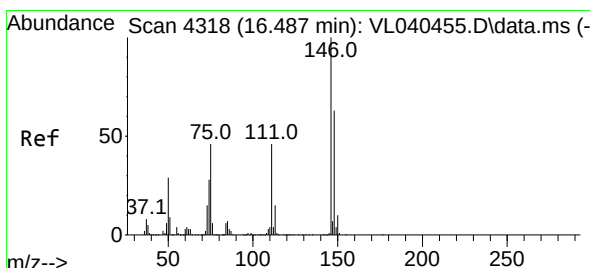
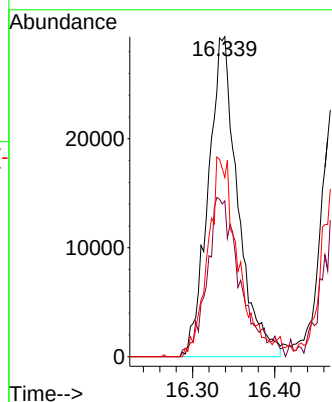
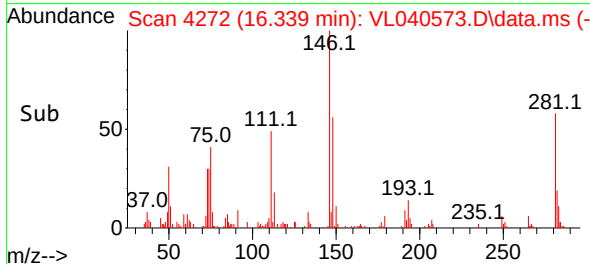
148 65.3 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#76

1,4-Dichlorobenzene

Concen: 0.436 ppbv m

RT: 16.481 min Scan# 4316

Delta R.T. -0.007 min

Lab File: VL040573.D

Acq: 31 Jul 2023 15:18

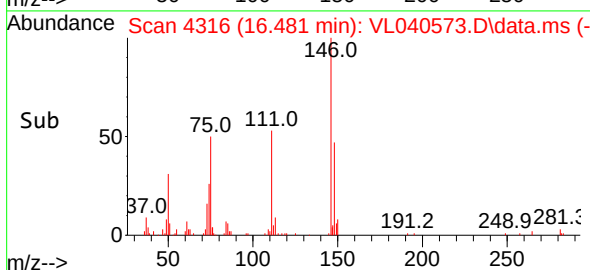
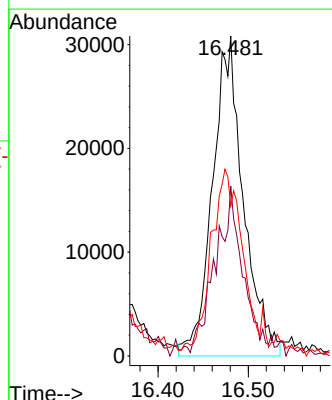
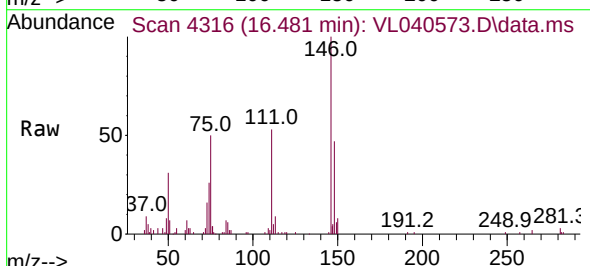
Tgt Ion:146 Resp: 73167

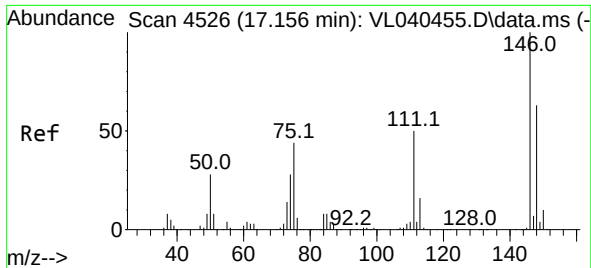
Ion Ratio Lower Upper

146 100

111 0.0 22.8 68.3#

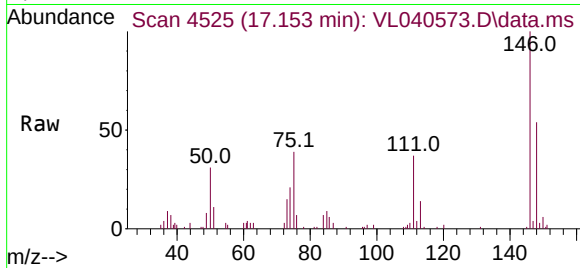
148 66.5 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 0.434 ppbv m
RT: 17.153 min Scan# 4526
Delta R.T. -0.000 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

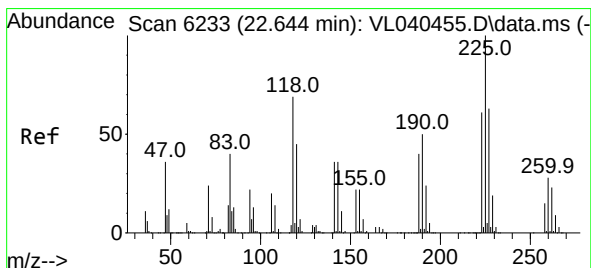
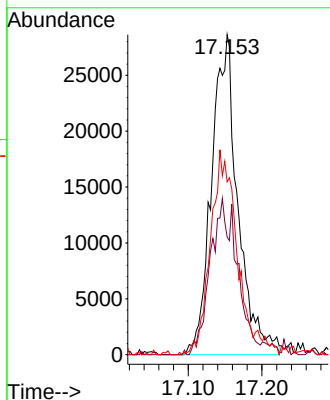
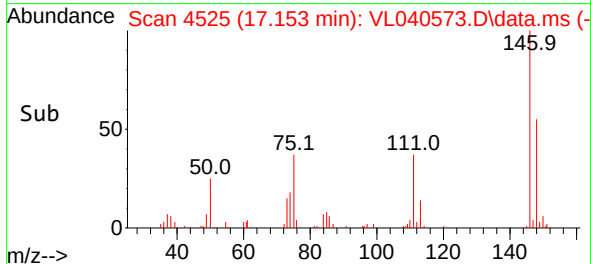
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



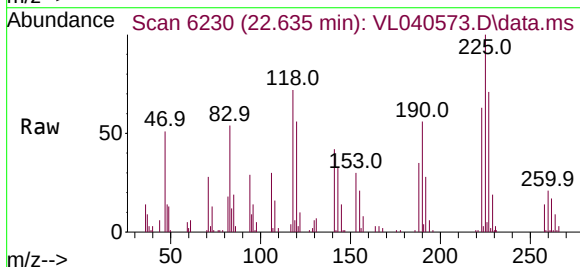
Tgt Ion:146 Resp: 7112
Ion Ratio Lower Upper
146 100
111 52.6 24.3 72.8
148 66.2 32.1 96.3

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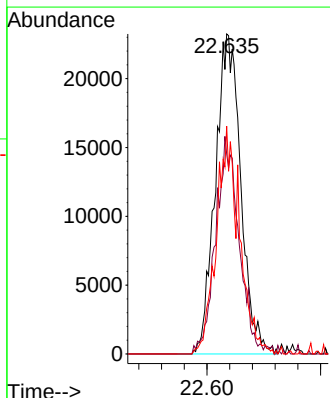
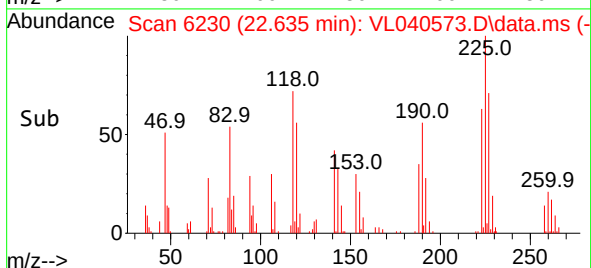
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

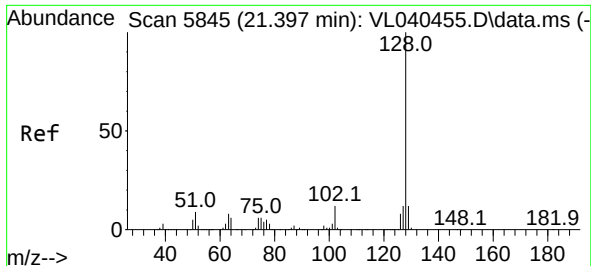


#78
Hexachloro-1,3-Butadiene
Concen: 0.470 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18



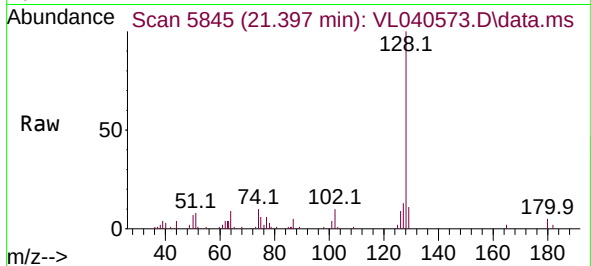
Tgt Ion:225 Resp: 72228
Ion Ratio Lower Upper
225 100
223 63.2 50.3 75.5
227 64.9 51.0 76.6





#79
Naphthalene
Concen: 0.265 ppbv m
RT: 21.397 min Scan# 5845
Delta R.T. 0.003 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18

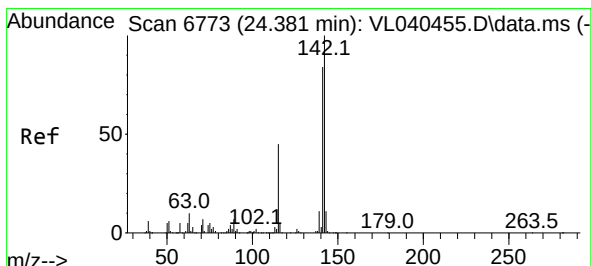
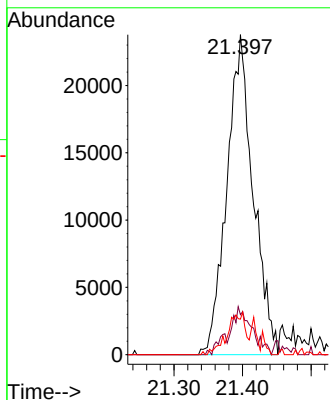
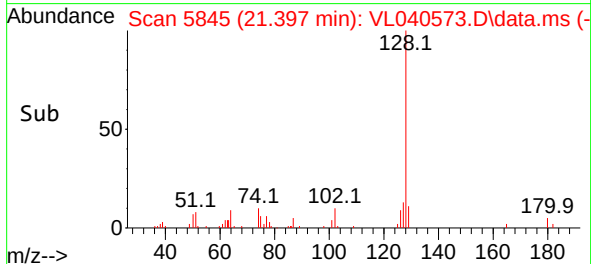
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2023



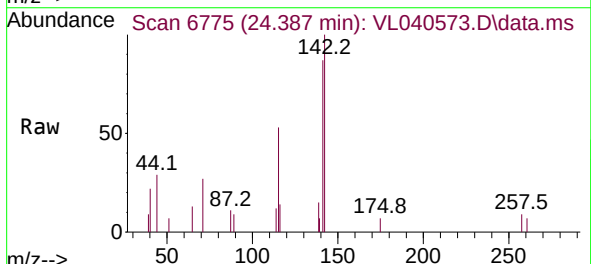
Tgt Ion:128 Resp: 6338
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 11.1 9.2 13.8

Manual Integrations
APPROVED

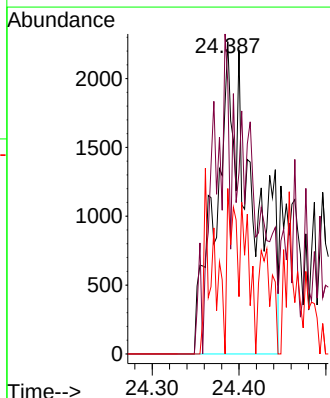
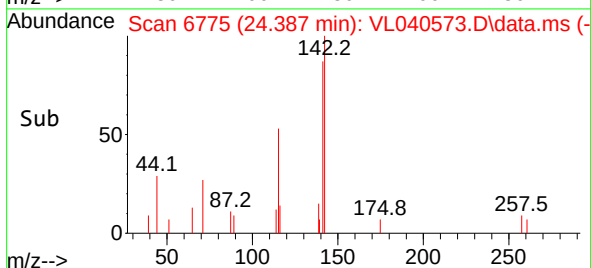
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

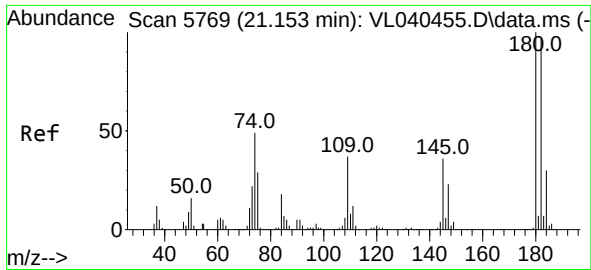


#80
Naphthalene,2-methyl-
Concen: 0.068 ppbv m
RT: 24.387 min Scan# 6775
Delta R.T. 0.009 min
Lab File: VL040573.D
Acq: 31 Jul 2023 15:18



Tgt Ion:142 Resp: 6653
Ion Ratio Lower Upper
142 100
141 6.8 66.7 100.1#
115 3.3 33.0 49.6#





#81

1,2,4-Trichlorobenzene

Concen: 0.315 ppbv m

RT: 21.143 min Scan# 51

Delta R.T. -0.007 min

Lab File: VL040573.D

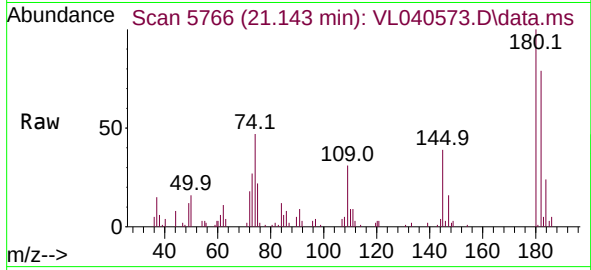
Acq: 31 Jul 2023 15:18

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2023



Tgt Ion:180 Resp: 51790

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

