

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040347.D
 Acq On : 12 Apr 2023 22:03
 Operator : SY/MD
 Sample : 02213-15 0.45 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Apr 13 07:41:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 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

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

Internal Standards						
1) Bromochloromethane	5.192	49	890378	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2265524	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	1956086	10.000	ppbv	0.00

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 13.789 95 1608894 9.822 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.200%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.719	85	102812	0.589 ppbv	98
3) Chlorodifluoromethane	2.665	51	58502	0.523 ppbv	99
4) Chloromethane	2.806	50	38433	0.556 ppbv	96
5) Vinyl Chloride	2.912	62	26861	0.480 ppbv #	86
6) Bromomethane	3.115	94	9853	0.508 ppbv	93
7) Chloroethane	3.192	64	11026	0.513 ppbv	96
8) Dichlorotetrafluoroethane	2.848	85	80639	0.539 ppbv	98
9) Propene	2.684	41	23031	0.537 ppbv	98
10) Heptane	7.587	43	37549	0.364 ppbv	91
11) Trichlorofluoromethane	3.558	101	80749	0.510 ppbv	87
12) 1,1,2-Trichlorotrifluoro...	4.060	101	58223	0.490 ppbv	91
13) Ethanol	3.246	45	3226	1.025 ppbv	80
14) Bromoethene	3.359	108	21416	0.483 ppbv #	94
15) Acetone	3.475	43	71964	0.664 ppbv	90
16) 1,3-Butadiene	2.980	39	26727m	0.542 ppbv	
17) tert-Butyl alcohol	3.893	59	51026	0.495 ppbv	98
18) 1,1-Dichloroethene	3.880	96	23732	0.465 ppbv #	85
19) Isopropyl Alcohol	3.584	45	28637	0.552 ppbv #	94
20) Methylene Chloride	3.928	84	47044	1.032 ppbv	94
21) Allyl Chloride	3.992	41	31052	0.442 ppbv	96
22) trans-1,2-Dichloroethene	4.446	96	21947	0.423 ppbv	89
23) Vinyl Acetate	4.629	43	14090m	0.467 ppbv	
24) 1,1-Dichloroethane	4.558	63	51854	0.482 ppbv	97
25) Ethyl Acetate	5.214	43	105067	0.518 ppbv	99
26) Hexane	5.208	57	54281	0.652 ppbv	79
27) Carbon Disulfide	4.124	76	43792	0.376 ppbv #	84
28) Methyl tert-Butyl Ether	4.597	73	39030	0.408 ppbv	98
29) Chloroform	5.269	83	78085	0.531 ppbv	95
30) Cyclohexane	6.610	84	26366m	0.402 ppbv	
31) cis-1,2-Dichloroethene	5.079	61	32242	0.397 ppbv	91
32) 1,1,1-Trichloroethane	6.005	97	71162	0.505 ppbv	97
34) 2-Butanone	4.796	43	55106	0.493 ppbv	97
35) Carbon Tetrachloride	6.500	117	70895m	0.499 ppbv	
36) Benzene	6.372	78	72033	0.417 ppbv	96
37) 1,2-Dichloroethane	5.809	62	53944	0.480 ppbv	97
38) Trichloroethene	7.295	130	44184	0.468 ppbv	96
39) 1,2-Dichloropropane	7.076	63	30777	0.454 ppbv	85
40) 1,4-Dioxane	7.330	88	12554m	0.468 ppbv	
41) Tetrahydrofuran	5.584	42	25714m	0.398 ppbv	
42) Bromodichloromethane	7.259	83	69532	0.453 ppbv	89
43) Methyl Methacrylate	7.484	69	21946m	0.342 ppbv	
44) 2,2,4-Trimethylpentane	7.336	57	126054m	0.438 ppbv	
45) t-1,3-Dichloropropene	8.725	75	19127m	0.342 ppbv	

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 Misc : 400mL/MSVOA_L
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 MDL-AIR-03-QT2-2023

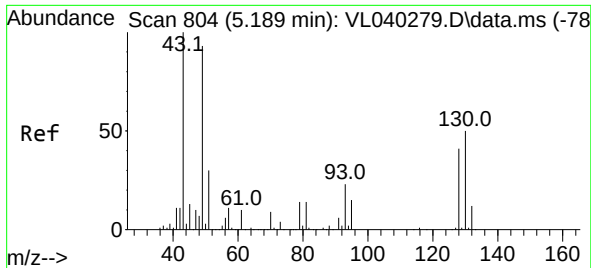
Quant Time: Apr 13 07:41:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 04/13/2023

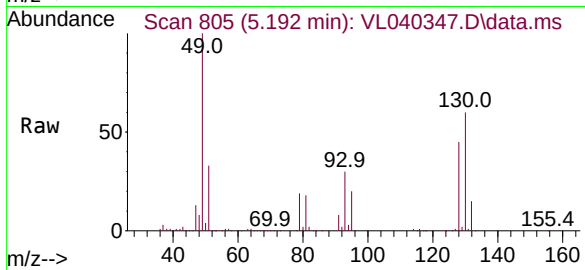
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	28759m	0.362	ppbv	
47) 1,1,2-Trichloroethane	8.909	97	36024m	0.498	ppbv	
48) Dibromochloromethane	9.725	129	49935m	0.420	ppbv	
49) Bromoform	12.413	173	34703m	0.388	ppbv	
50) 4-Methyl-2-Pentanone	8.208	43	65932	0.381	ppbv	93
51) 2-Hexanone	9.587	43	48189m	0.360	ppbv	
52) Tetrachloroethene	10.632	164	23286m	0.446	ppbv	
53) Toluene	9.237	91	63355m	0.350	ppbv	
54) 1,2-Dibromoethane	10.018	107	32065m	0.431	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.523	131	46122m	0.561	ppbv	
57) Chlorobenzene	11.532	112	74543	0.536	ppbv #	97
58) Ethyl Benzene	12.108	91	81171	0.364	ppbv	95
59) m/p-Xylene	12.388	91	172852m	0.847	ppbv	
60) o-Xylene	13.072	91	76694	0.393	ppbv	99
61) Styrene	12.912	104	30115m	0.304	ppbv	
62) Isopropylbenzene	14.047	105	124434	0.448	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	37508	0.546	ppbv	93
64) n-propylbenzene	14.928	120	29245m	0.430	ppbv	
65) tert-Butylbenzene	16.104	119	100723	0.421	ppbv	88
66) Benzyl Chloride	16.346	91	7108m	0.457	ppbv	
67) sec-Butylbenzene	16.654	105	151966	0.444	ppbv	97
69) p-Isopropyltoluene	17.018	119	104371	0.392	ppbv	94
70) n-Butylbenzene	17.905	91	125975m	0.429	ppbv	
71) 2-Chlorotoluene	14.815	91	87849m	0.416	ppbv	
72) 4-Ethyltoluene	15.207	105	86431m	0.405	ppbv	
73) 1,3,5-Trimethylbenzene	15.368	105	81967m	0.424	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	94149	0.427	ppbv #	80
75) 1,3-Dichlorobenzene	16.349	146	58207m	0.488	ppbv	
76) 1,4-Dichlorobenzene	16.487	146	54806m	0.482	ppbv	
77) 1,2-Dichlorobenzene	17.159	146	58429m	0.509	ppbv	
78) Hexachloro-1,3-Butadiene	22.648	225	44285m	0.527	ppbv	
79) Naphthalene	21.400	128	39317m	0.302	ppbv	
80) Naphthalene,2-methyl-	24.422	142	3552m	0.108	ppbv	
81) 1,2,4-Trichlorobenzene	21.165	180	28902m	0.360	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. 0.003 min
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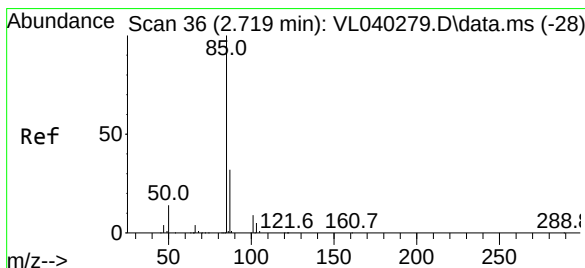
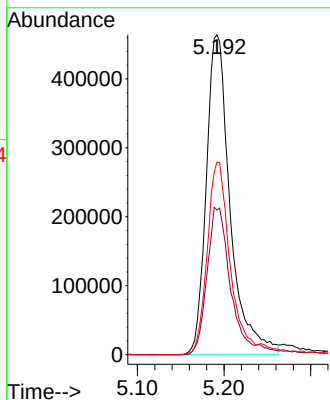
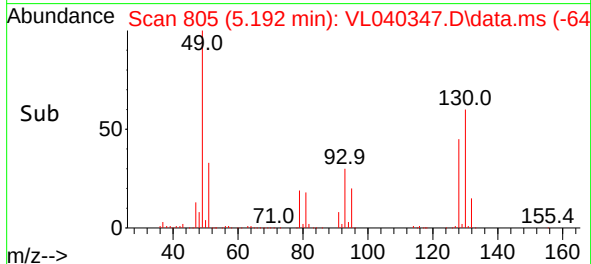
Instrument :
MSVOA_L
ClientSampleId :
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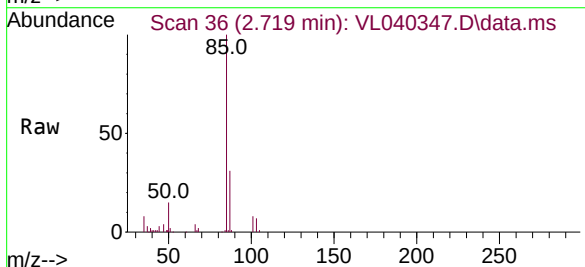
Tgt Ion: 49 Resp: 890378
Ion Ratio Lower Upper
49 100
128 47.5 22.4 67.3
130 60.6 28.7 86.1

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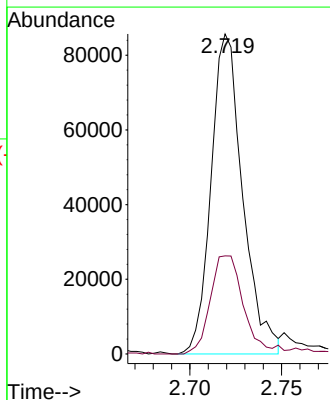
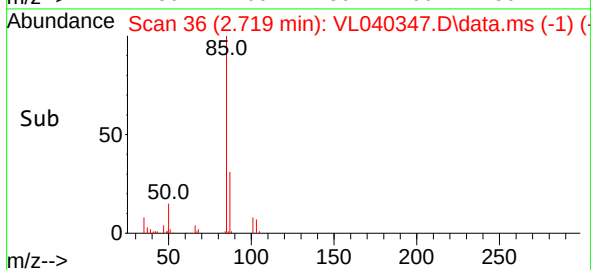
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

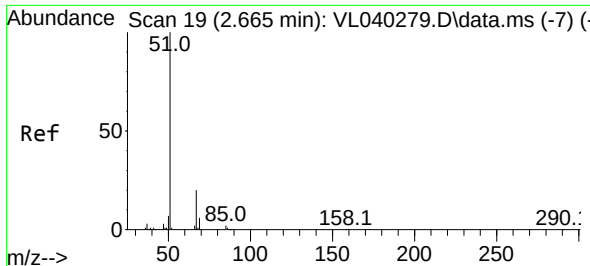


#2
Dichlorodifluoromethane
Concen: 0.589 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03



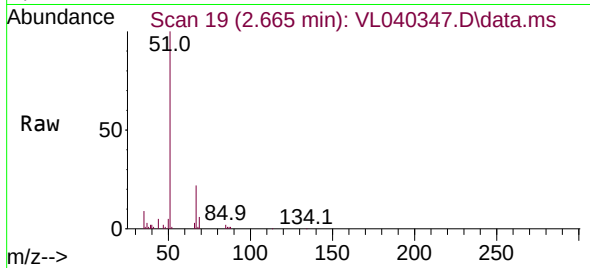
Tgt Ion: 85 Resp: 102812
Ion Ratio Lower Upper
85 100
87 30.7 25.5 38.3





#3
Chlorodifluoromethane
Concen: 0.523 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

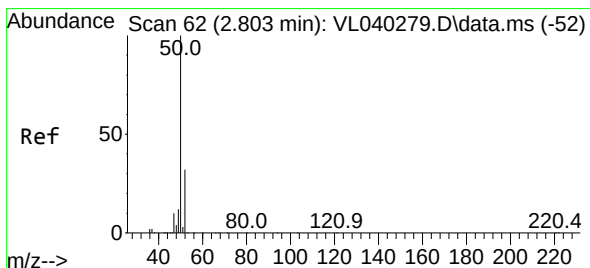
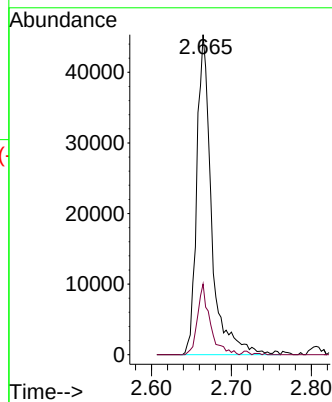
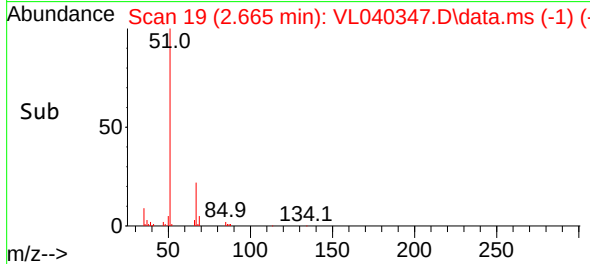
Instrument :
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ClientSampleId :
MDL-AIR-03-QT2-2023



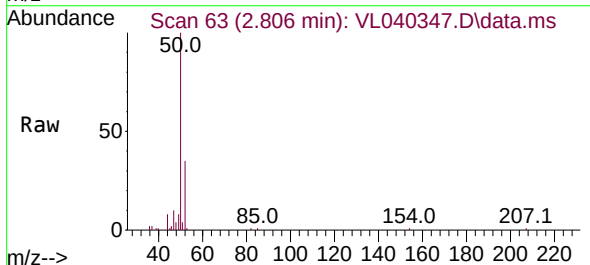
Tgt Ion: 51 Resp: 58502
Ion Ratio Lower Upper
51 100
67 19.5 16.0 24.0

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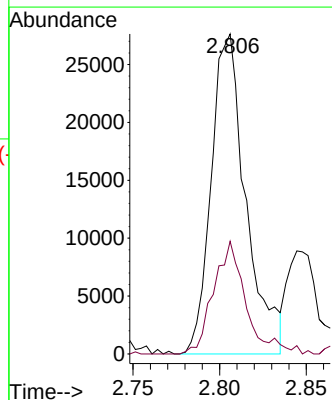
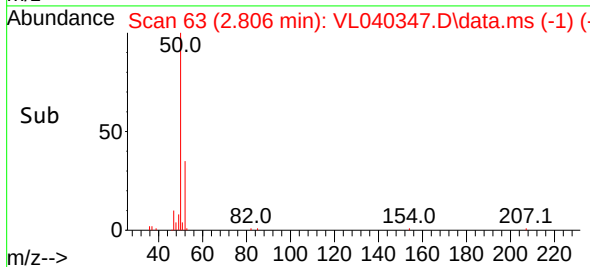
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

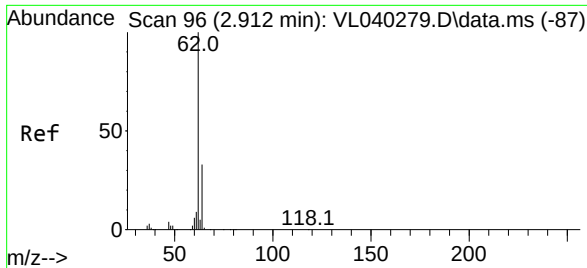


#4
Chloromethane
Concen: 0.556 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03



Tgt Ion: 50 Resp: 38433
Ion Ratio Lower Upper
50 100
52 34.8 25.9 38.9





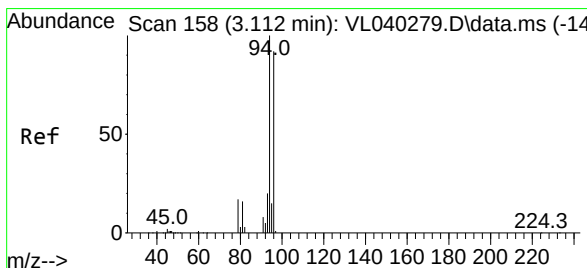
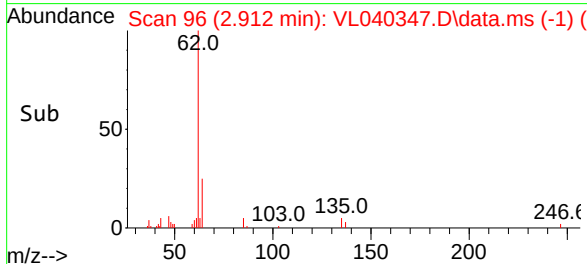
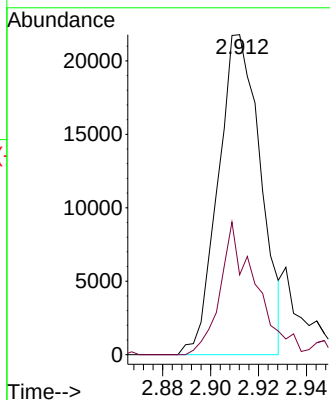
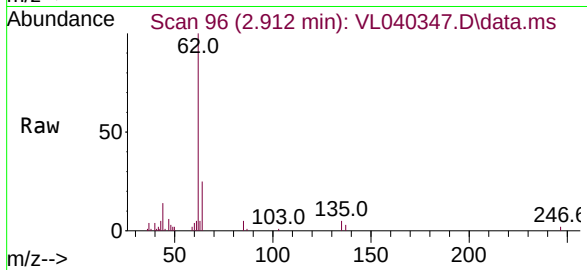
#5
 Vinyl Chloride
 Concen: 0.480 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

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

Tgt Ion: 62 Resp: 2686
 Ion Ratio Lower Upper
 62 100
 64 24.9 26.4 39.6

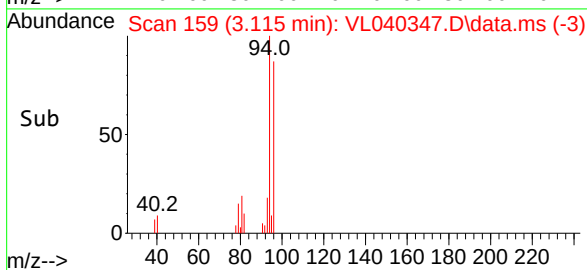
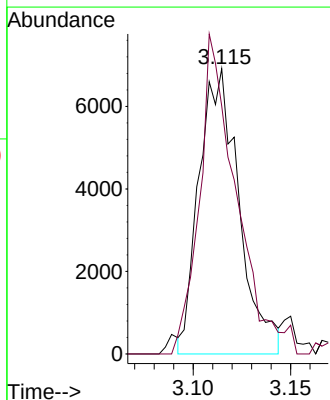
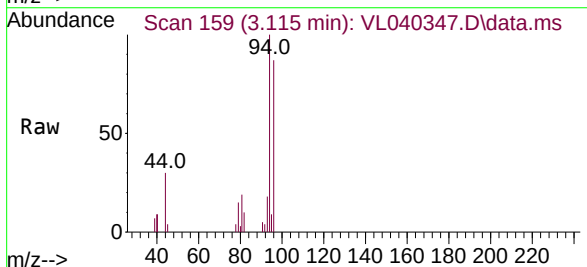
Manual Integrations
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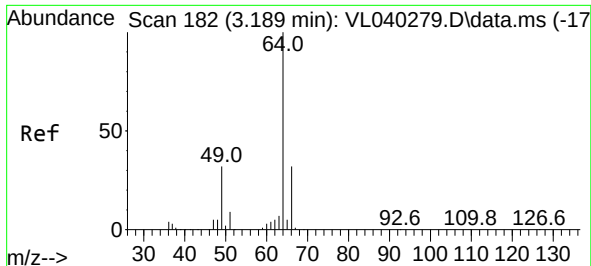
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#6
 Bromomethane
 Concen: 0.508 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

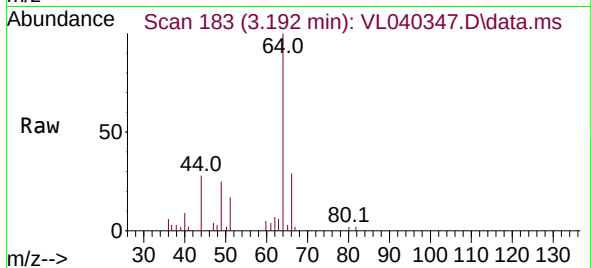
Tgt Ion: 94 Resp: 9853
 Ion Ratio Lower Upper
 94 100
 96 85.2 73.7 110.5





#7
Chloroethane
Concen: 0.513 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

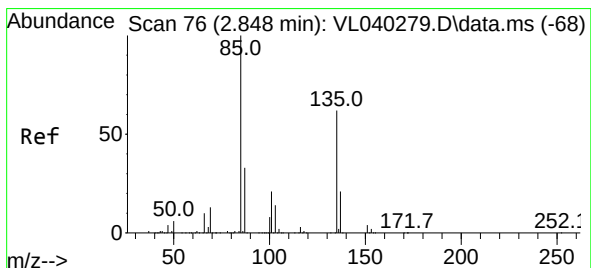
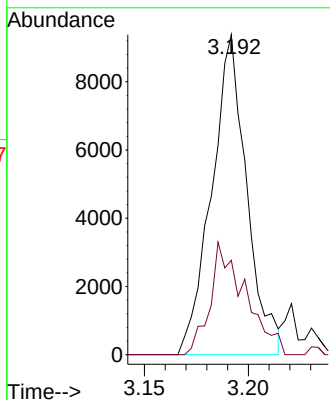
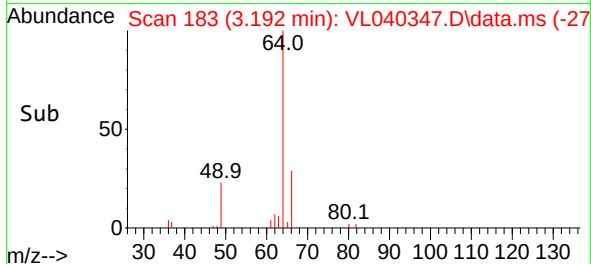
Instrument :
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ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 64 Resp: 11020
Ion Ratio Lower Upper
64 100
66 29.5 25.5 38.3

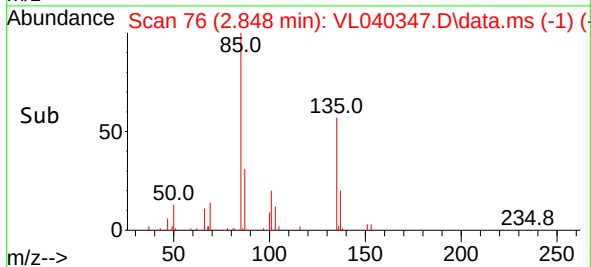
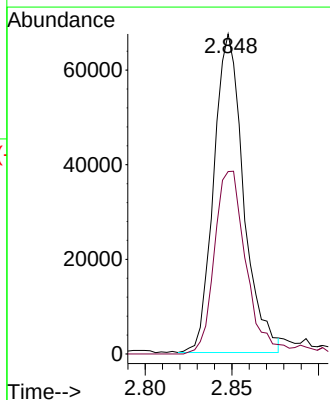
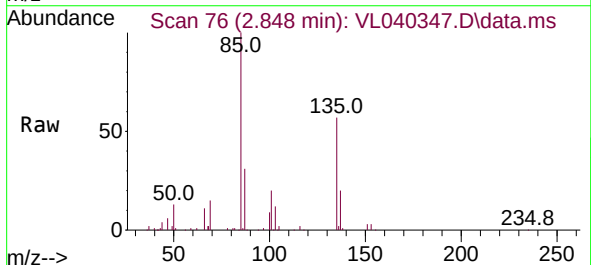
Manual Integrations
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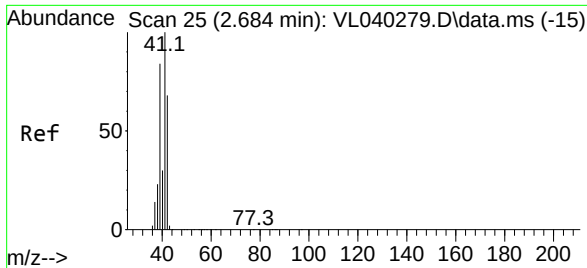
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#8
Dichlorotetrafluoroethane
Concen: 0.539 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

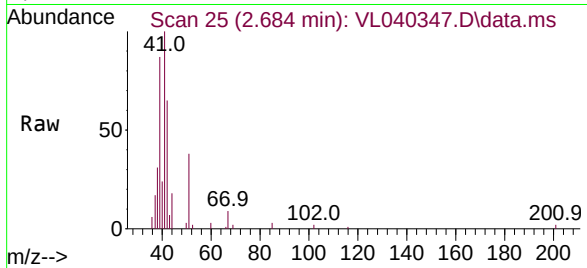
Tgt Ion: 85 Resp: 80639
Ion Ratio Lower Upper
85 100
135 63.5 52.0 78.0





#9
 Propene
 Concen: 0.537 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

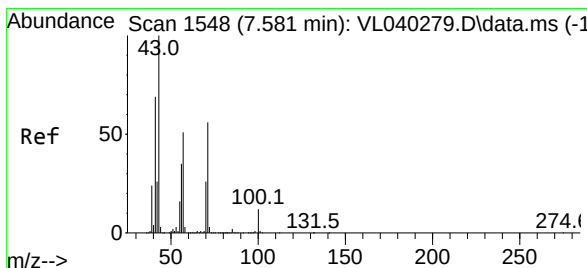
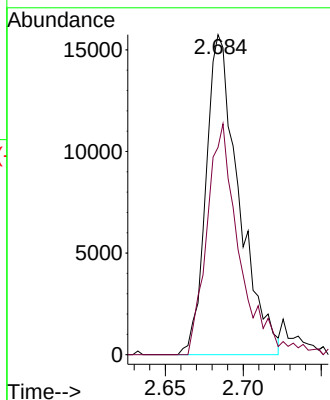
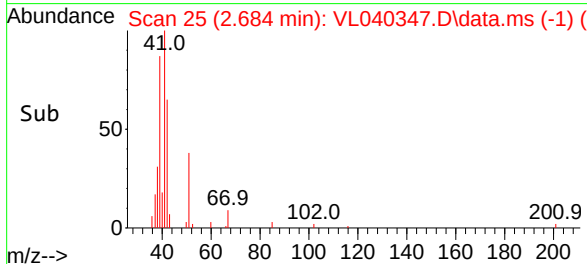
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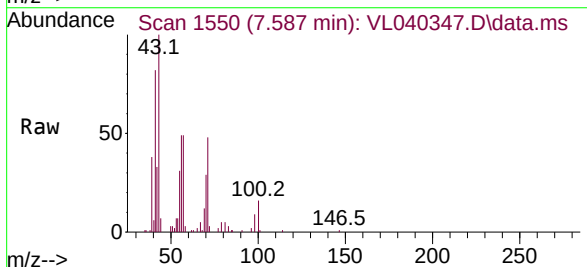
Tgt Ion: 41 Resp: 2303
 Ion Ratio Lower Upper
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 42 72.4 59.0 88.4

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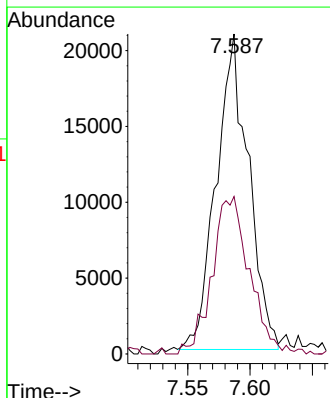
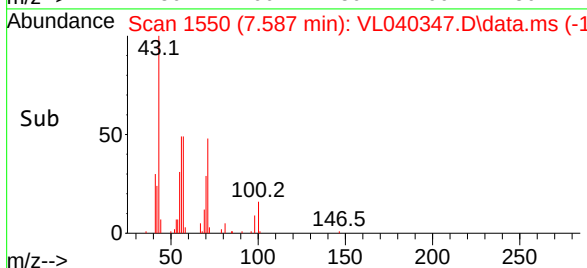
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

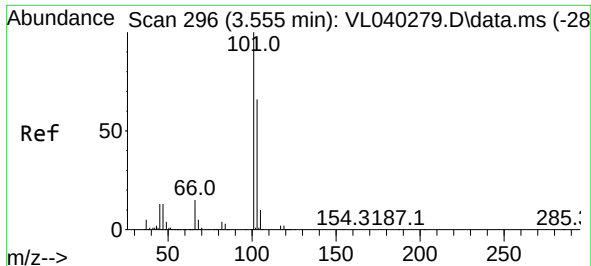


#10
 Heptane
 Concen: 0.364 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03



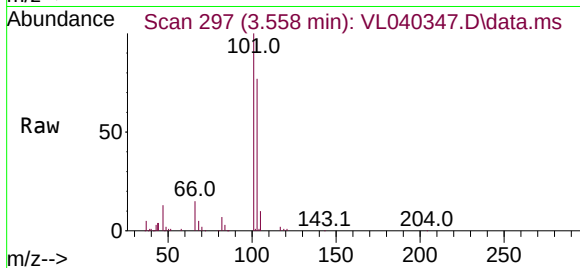
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 Ion Ratio Lower Upper
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 57 58.1 41.7 62.5





#11
Trichlorofluoromethane
Concen: 0.510 ppbv
RT: 3.558 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

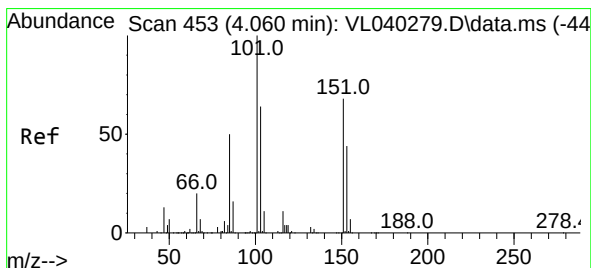
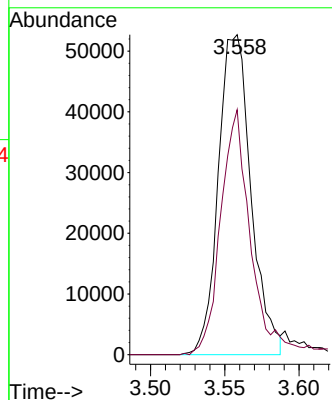
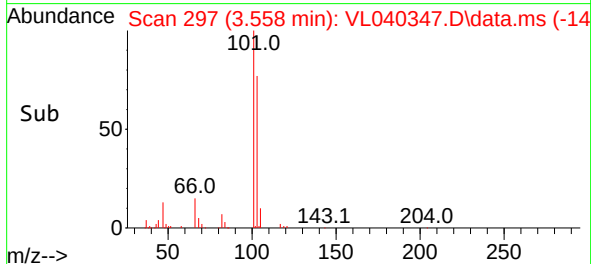
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ClientSampleId :
MDL-AIR-03-QT2-2023



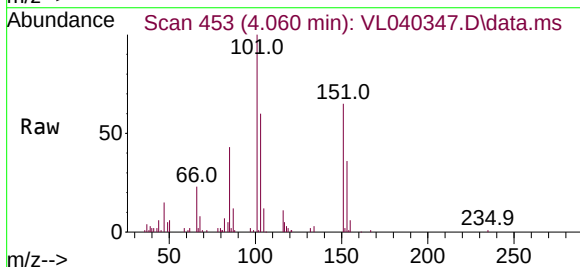
Tgt Ion:101 Resp: 80749
Ion Ratio Lower Upper
101 100
103 76.5 53.1 79.7

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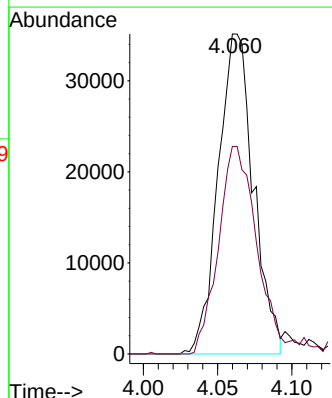
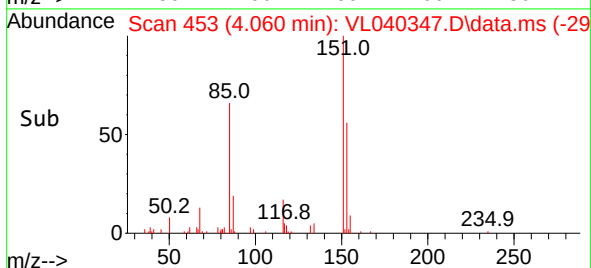
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

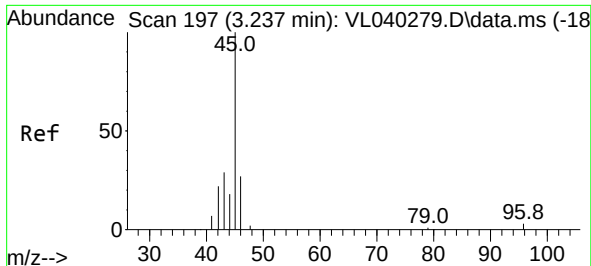


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.490 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03



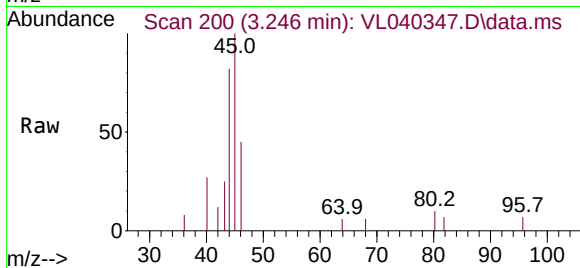
Tgt Ion:101 Resp: 58223
Ion Ratio Lower Upper
101 100
151 73.7 53.2 79.8





#13
Ethanol
Concen: 1.025 ppbv
RT: 3.246 min Scan# 200
Delta R.T. 0.009 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

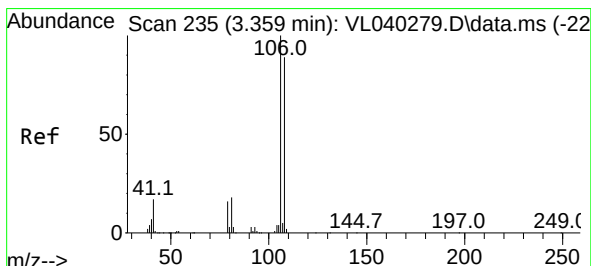
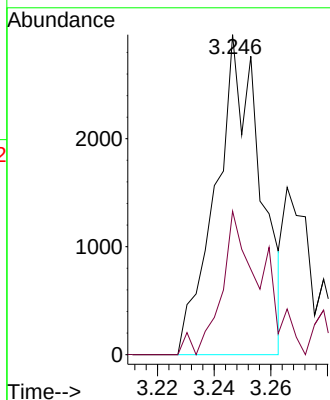
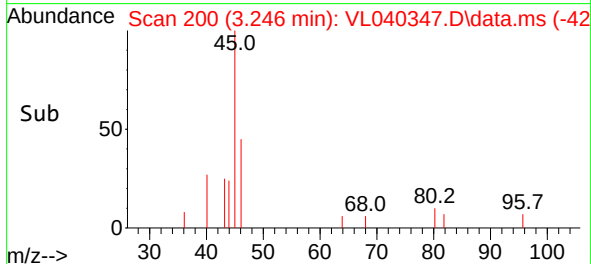
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



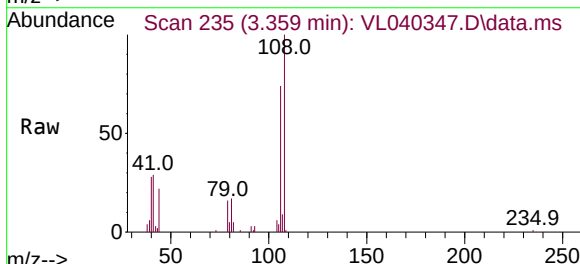
Tgt Ion: 45 Resp: 3220
Ion Ratio Lower Upper
45 100
46 49.6 15.0 60.2

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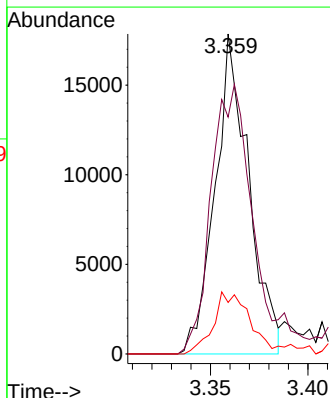
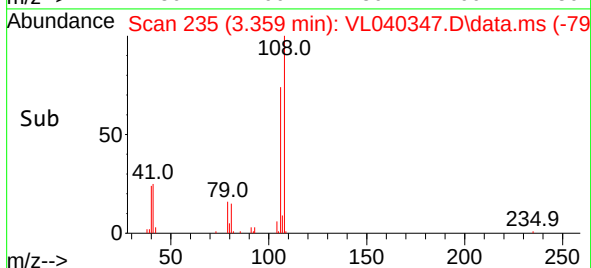
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

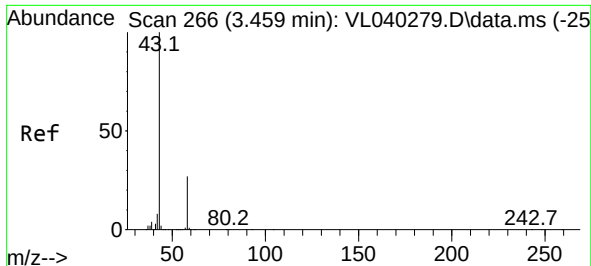


#14
Bromoethene
Concen: 0.483 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03



Tgt Ion:108 Resp: 21416
Ion Ratio Lower Upper
108 100
106 112.6 85.8 128.8
79 24.0 15.8 23.6#





#15

Acetone

Concen: 0.664 ppbv

RT: 3.475 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

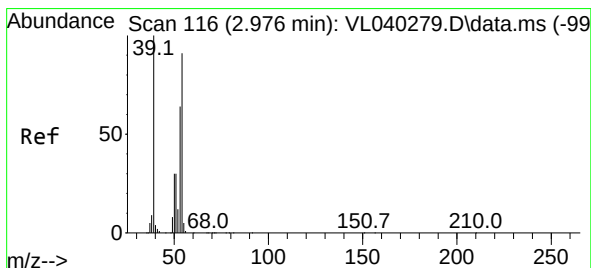
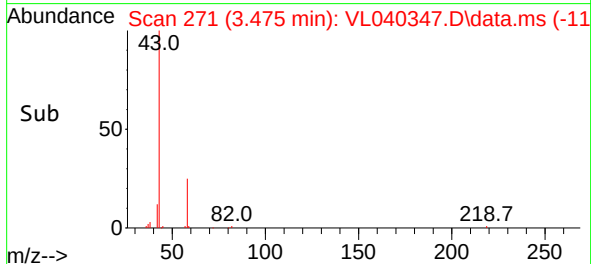
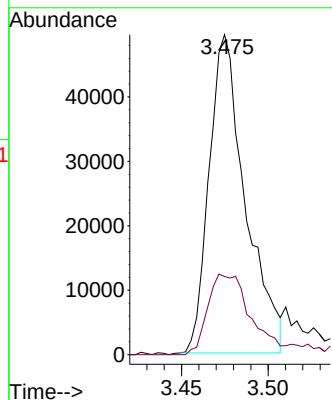
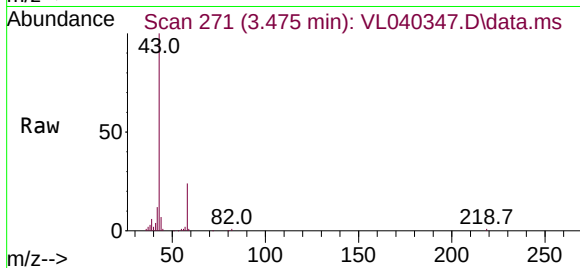
MDL-AIR-03-QT2-2023

Tgt Ion: 43 Resp: 71964
 Ion Ratio Lower Upper
 43 100
 58 32.5 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: 0.542 ppbv m

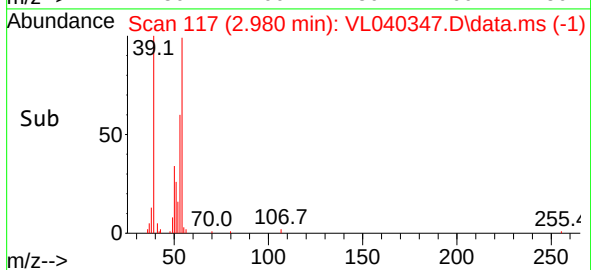
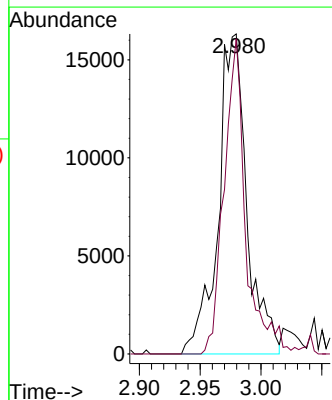
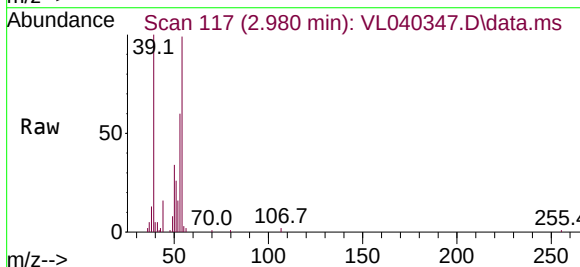
RT: 2.980 min Scan# 117

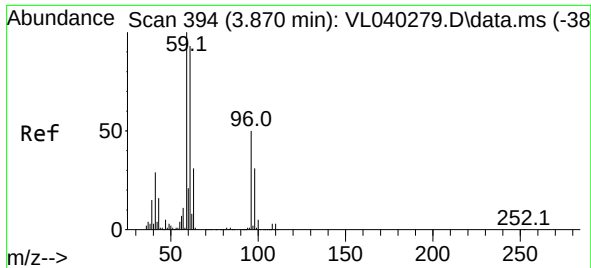
Delta R.T. 0.004 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Tgt Ion: 39 Resp: 26727
 Ion Ratio Lower Upper
 39 100
 54 74.5 68.4 102.6





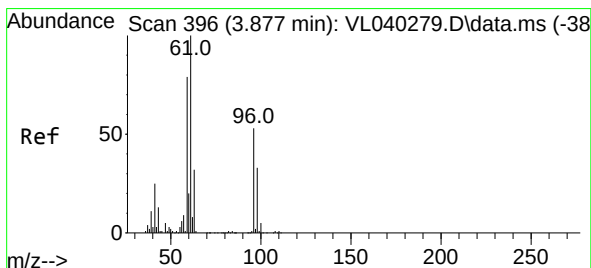
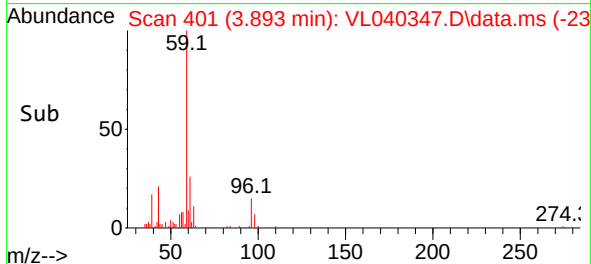
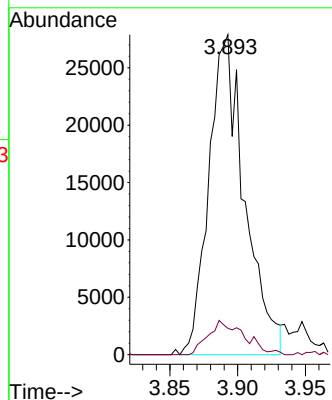
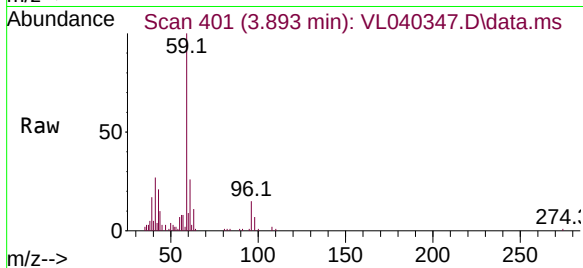
#17
tert-Butyl alcohol
Concen: 0.495 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.023 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

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

Tgt Ion: 59 Resp: 51020
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7

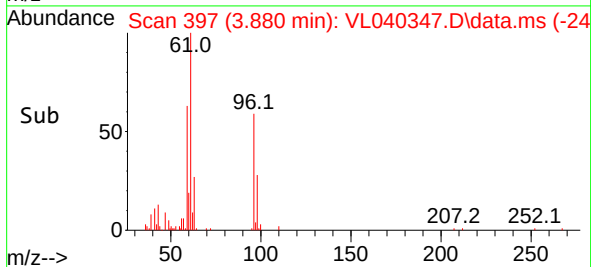
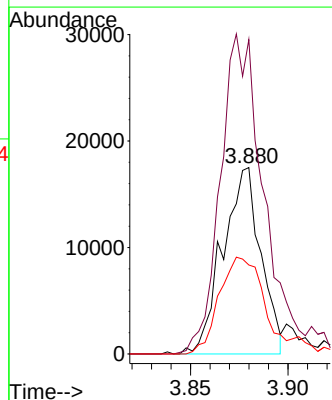
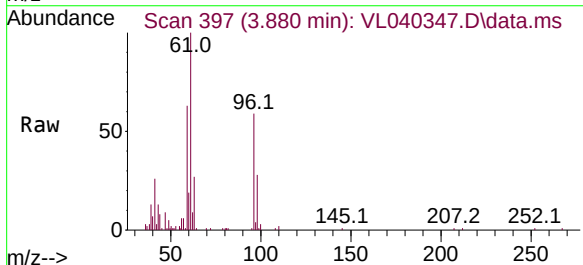
Manual Integrations
APPROVED

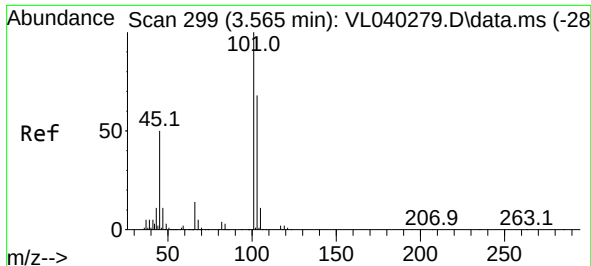
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#18
1,1-Dichloroethene
Concen: 0.465 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion: 96 Resp: 23732
Ion Ratio Lower Upper
96 100
61 167.8 150.6 226.0
98 47.7 50.3 75.5#





#19

Isopropyl Alcohol

Concen: 0.552 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.019 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

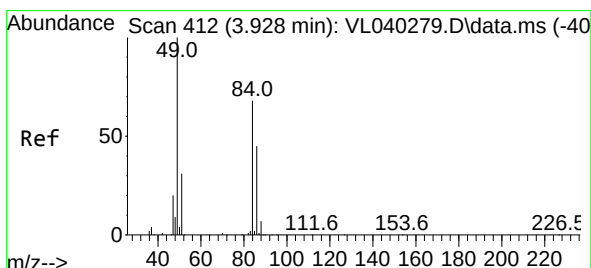
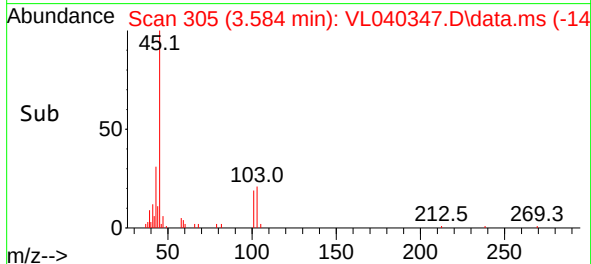
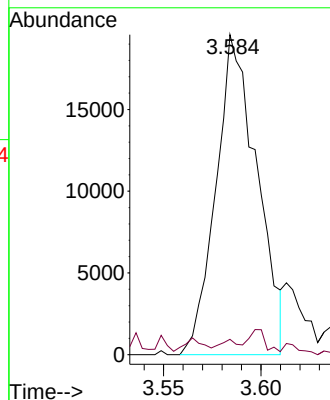
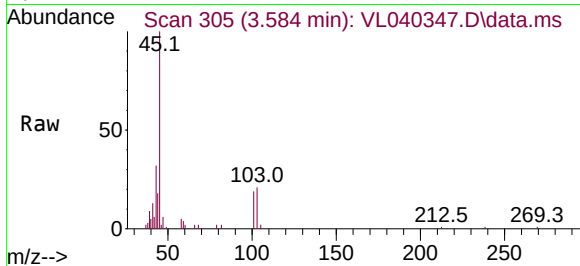
MDL-AIR-03-QT2-2023

Tgt Ion: 45 Resp: 2863
 Ion Ratio Lower Upper
 45 100
 58 5.3 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: 1.032 ppbv

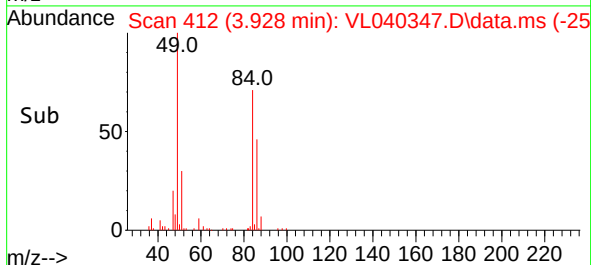
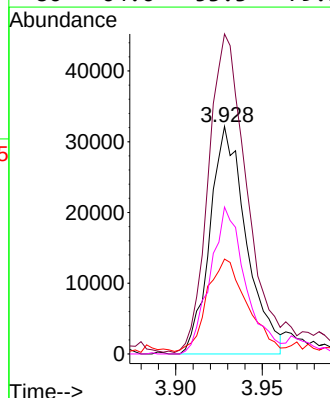
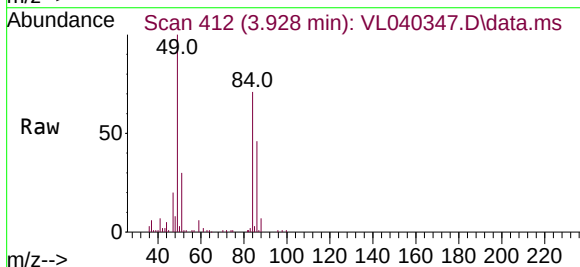
RT: 3.928 min Scan# 412

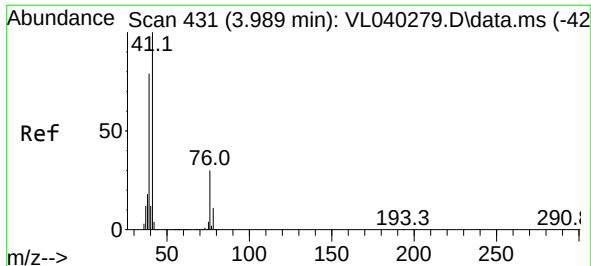
Delta R.T. 0.000 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

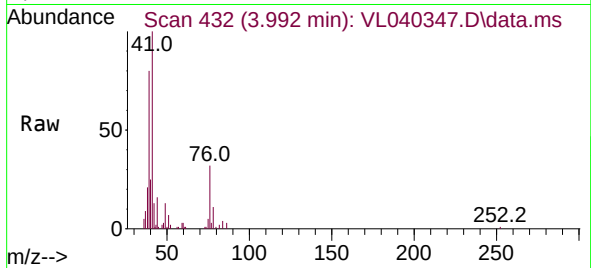
Tgt Ion: 84 Resp: 47044
 Ion Ratio Lower Upper
 84 100
 49 138.9 117.5 176.3
 51 40.0 36.9 55.3
 86 64.6 53.3 79.9





#21
 Allyl Chloride
 Concen: 0.442 ppbv
 RT: 3.992 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

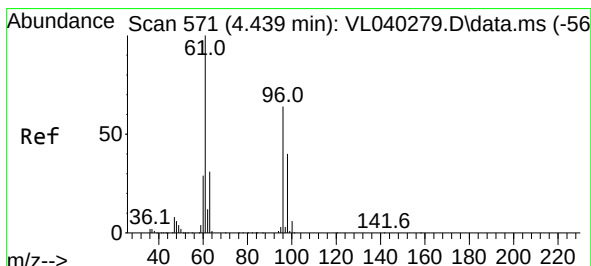
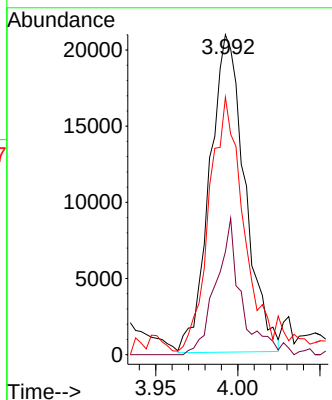
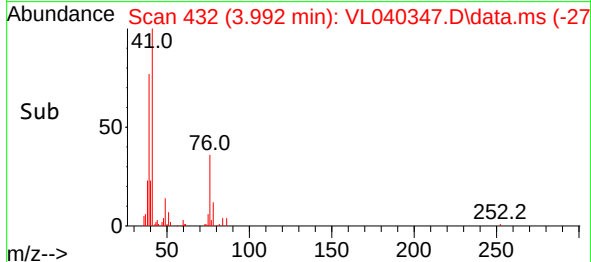
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 41 Resp: 31052
 Ion Ratio Lower Upper
 41 100
 76 32.0 25.4 38.0
 39 86.7 65.4 98.2

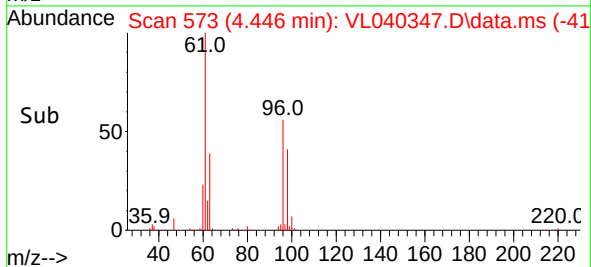
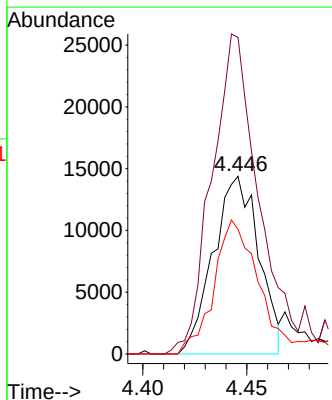
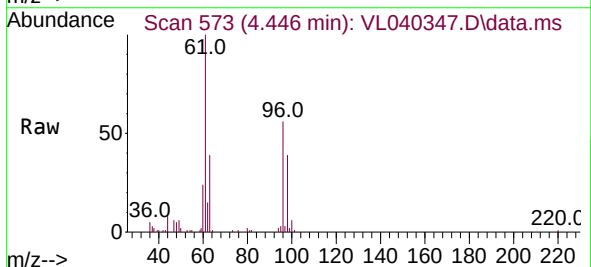
Manual Integrations
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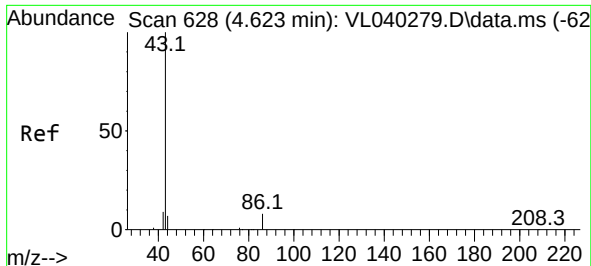
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.423 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.007 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

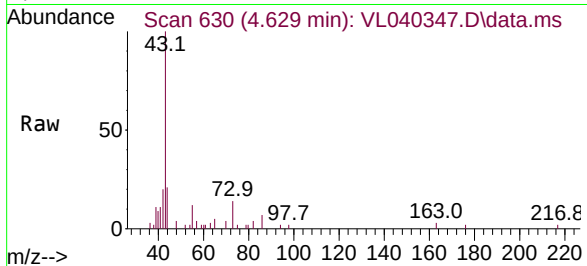
Tgt Ion: 96 Resp: 21947
 Ion Ratio Lower Upper
 96 100
 61 171.6 125.4 188.2
 98 70.1 49.8 74.6





#23
 Vinyl Acetate
 Concen: 0.467 ppbv m
 RT: 4.629 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

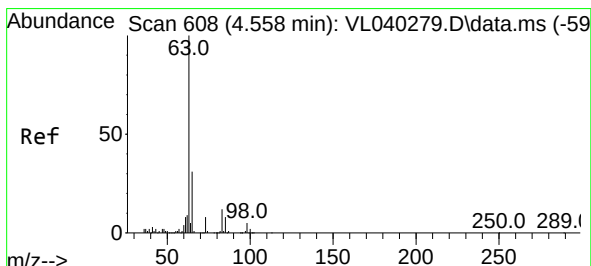
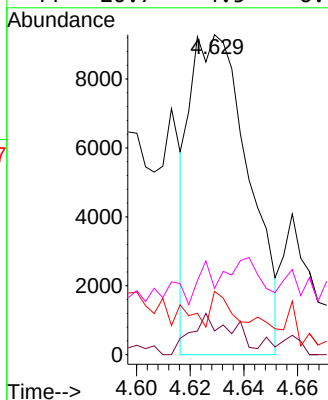
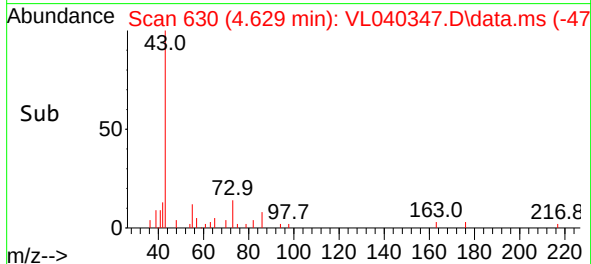
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 43 Resp: 14090
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.0 7.4
 42 19.8 9.1 13.7
 44 20.7 4.5 6.7

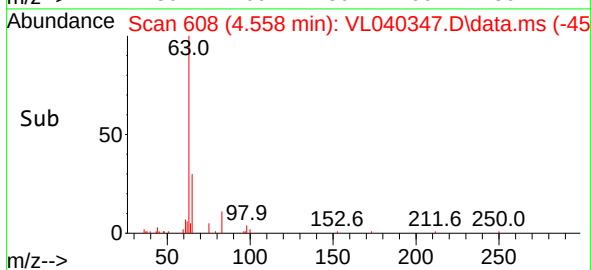
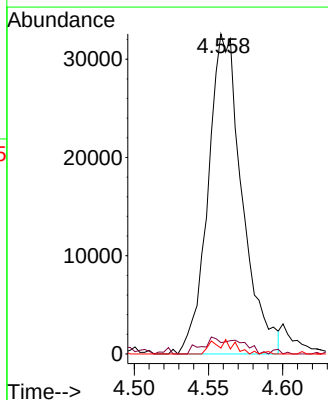
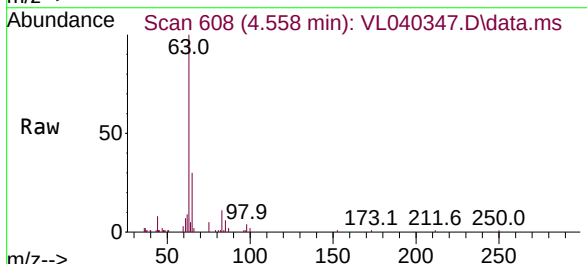
Manual Integrations
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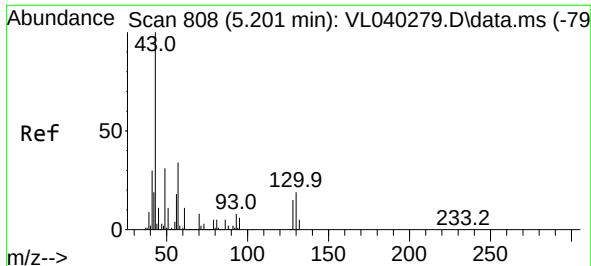
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#24
 1,1-Dichloroethane
 Concen: 0.482 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

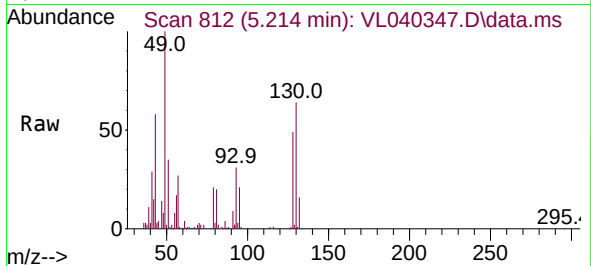
Tgt Ion: 63 Resp: 51854
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.4 7.2
 100 1.9 1.2 3.6





#25
Ethyl Acetate
Concen: 0.518 ppbv
RT: 5.214 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

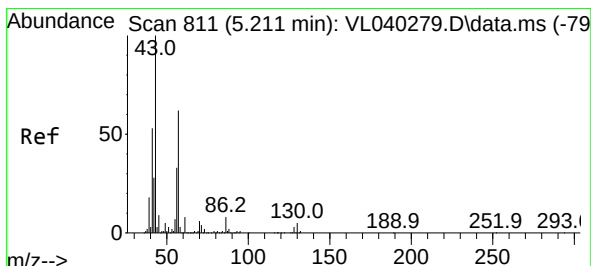
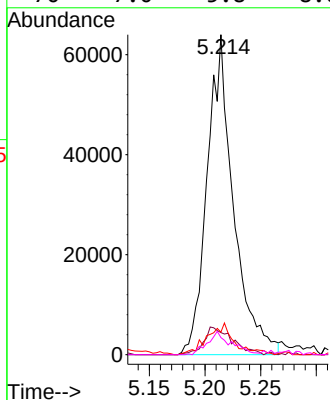
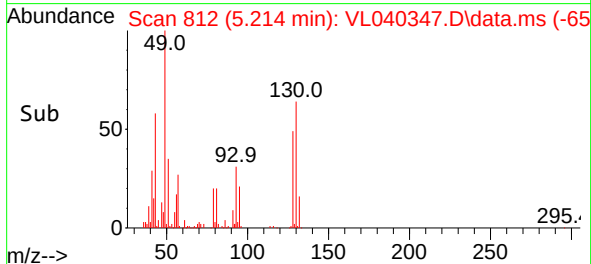
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion	Ratio	Lower	Upper
43	100		
45	9.6	8.6	12.8
61	10.4	8.4	12.6
70	7.0	5.8	8.6

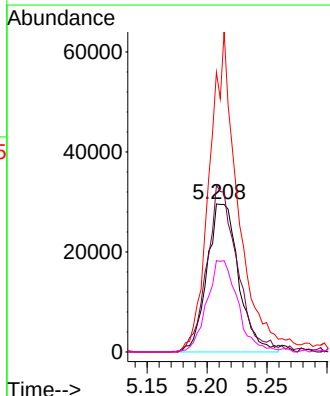
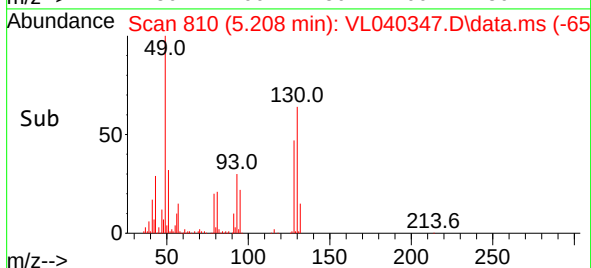
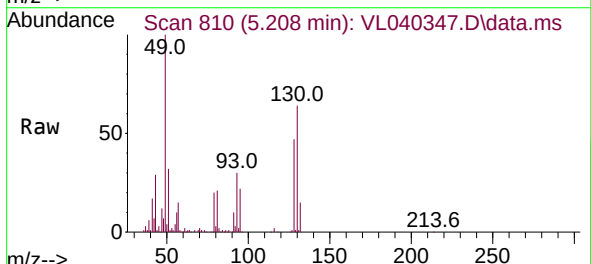
Manual Integrations
APPROVED

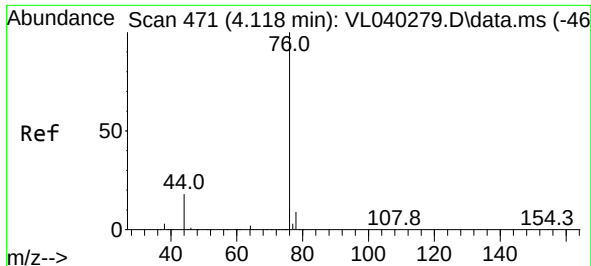
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#26
Hexane
Concen: 0.652 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion	Ratio	Lower	Upper
57	100		
41	110.1	73.5	110.3
43	202.3	196.3	294.5
56	60.9	43.8	65.8





#27

Carbon Disulfide

Concen: 0.376 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040347.D

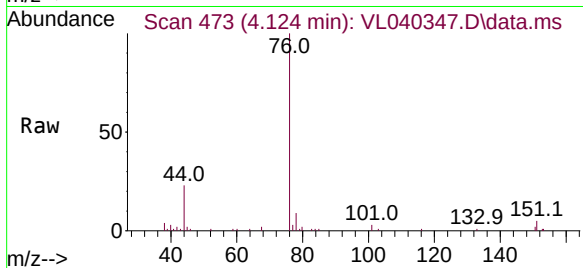
Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023



Tgt Ion: 76 Resp: 43792

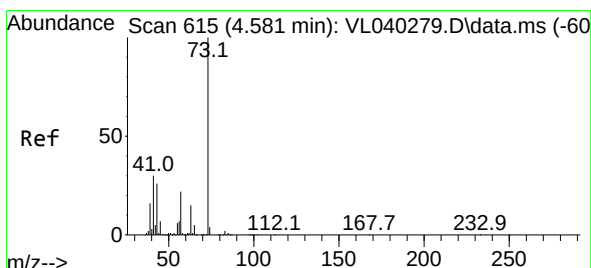
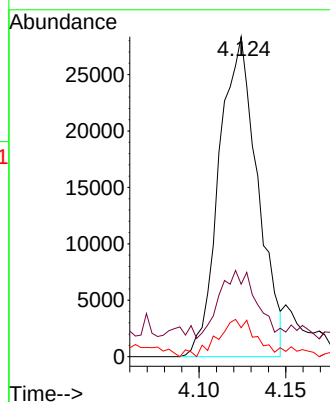
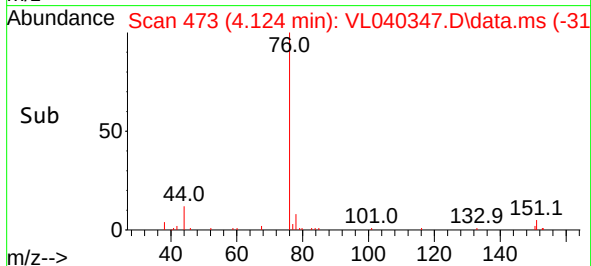
Ion	Ratio	Lower	Upper
76	100		
44	27.4	15.2	22.8
78	13.7	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#28

Methyl tert-Butyl Ether

Concen: 0.408 ppbv

RT: 4.597 min Scan# 620

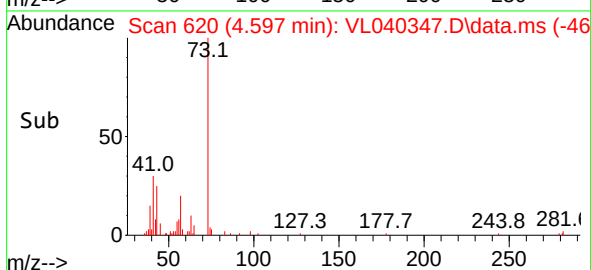
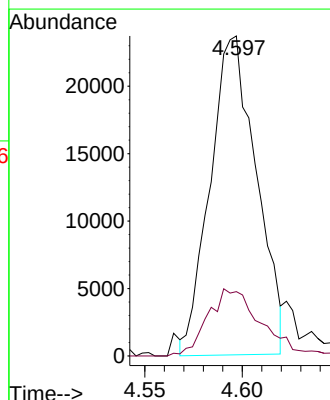
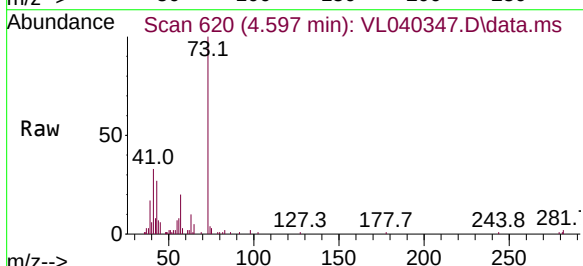
Delta R.T. 0.016 min

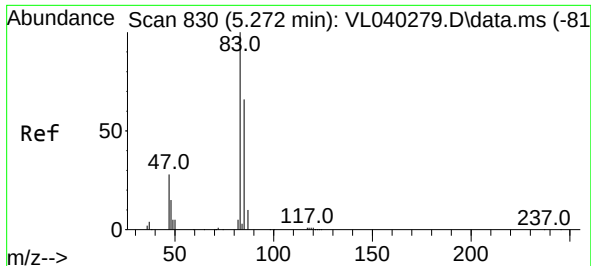
Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Tgt Ion: 73 Resp: 39030

Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.4	27.6





#29

Chloroform

Concen: 0.531 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

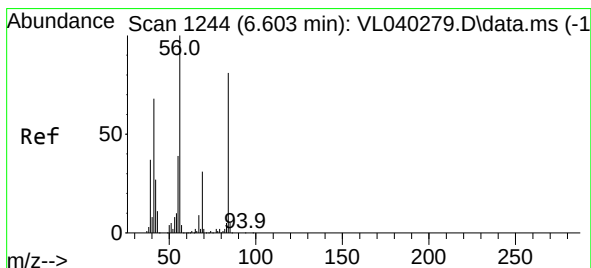
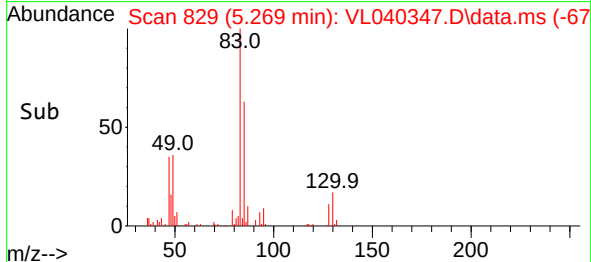
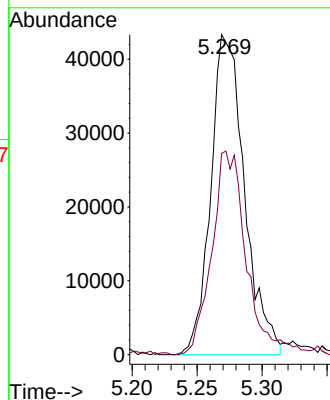
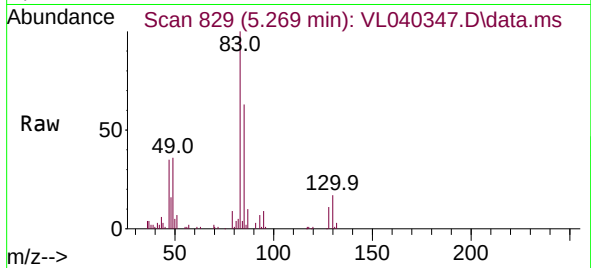
MDL-AIR-03-QT2-2023

Tgt Ion: 83 Resp: 78085
 Ion Ratio Lower Upper
 83 100
 85 62.4 52.8 79.2

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 0.402 ppbv m

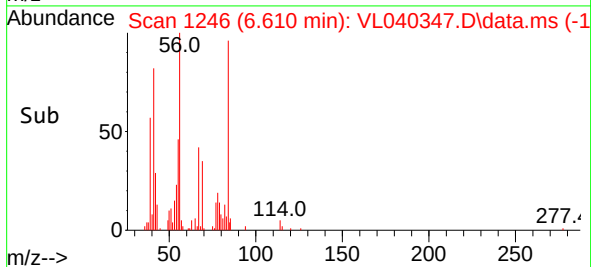
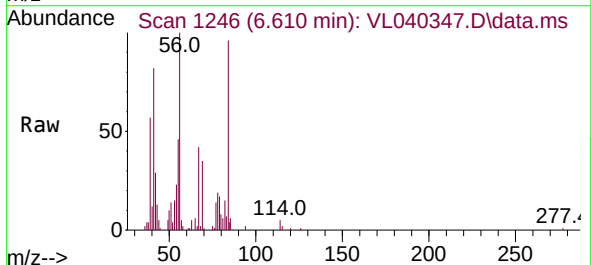
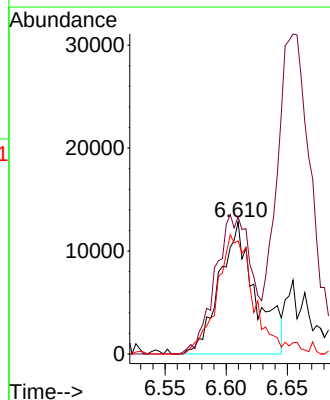
RT: 6.610 min Scan# 1246

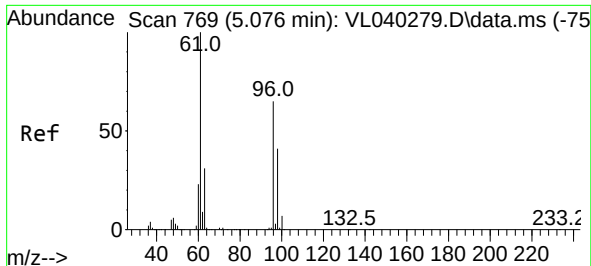
Delta R.T. 0.007 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

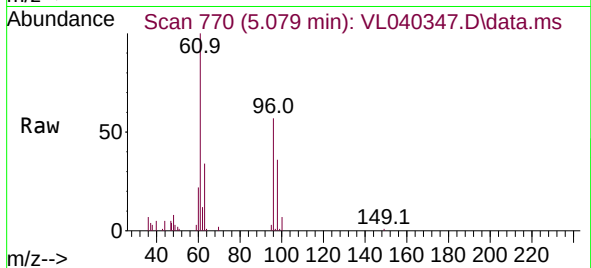
Tgt Ion: 84 Resp: 26366
 Ion Ratio Lower Upper
 84 100
 56 102.7 109.0 163.4#
 41 93.6 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 0.397 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

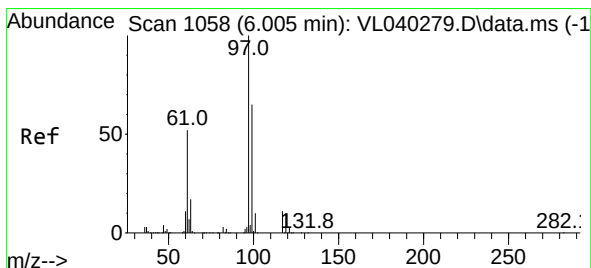
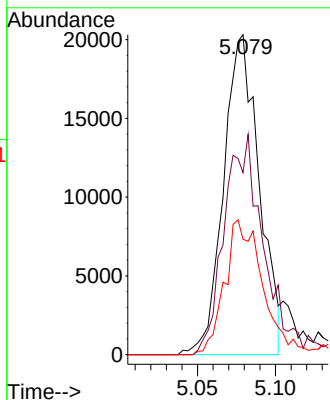
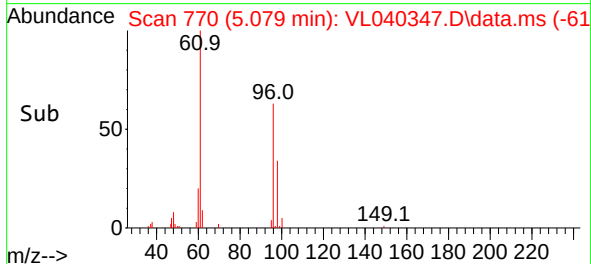
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



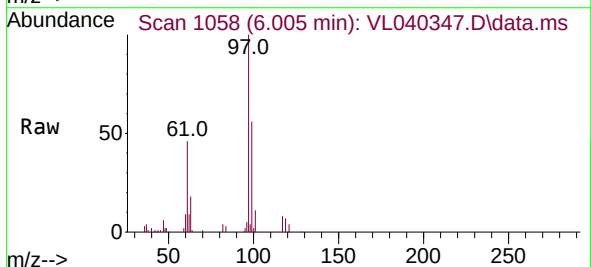
Tgt Ion: 61 Resp: 3224
 Ion Ratio Lower Upper
 61 100
 96 56.9 51.8 77.8
 98 36.0 32.5 48.7

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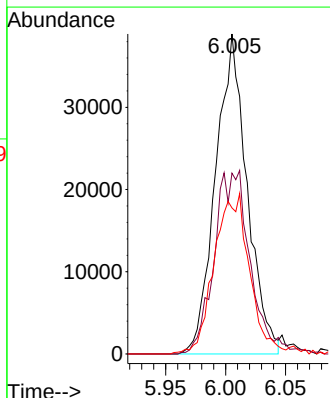
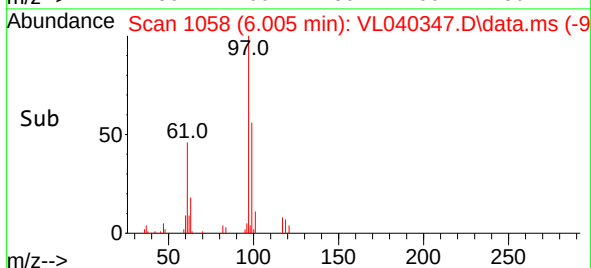
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

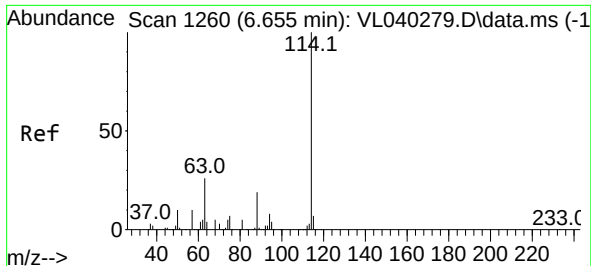


#32
 1,1,1-Trichloroethane
 Concen: 0.505 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03



Tgt Ion: 97 Resp: 71162
 Ion Ratio Lower Upper
 97 100
 99 65.7 52.2 78.2
 61 56.7 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: VL040347.D

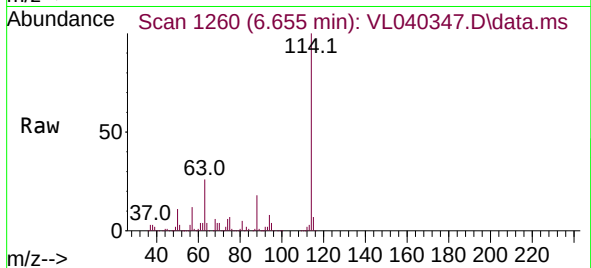
Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023



Tgt Ion: 114 Resp: 2265524

Ion Ratio Lower Upper

114 100

63 26.7 21.2 31.8

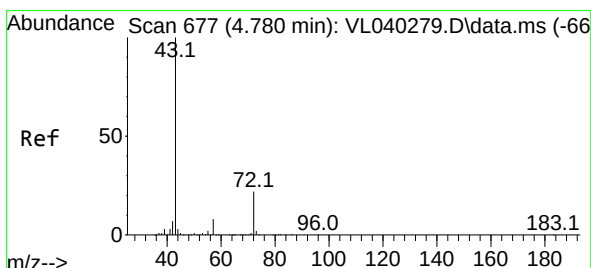
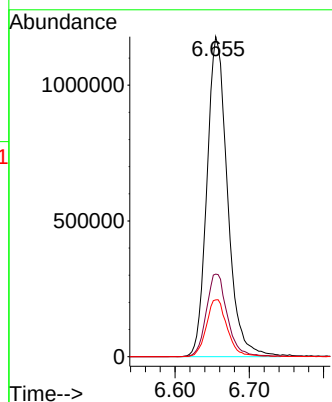
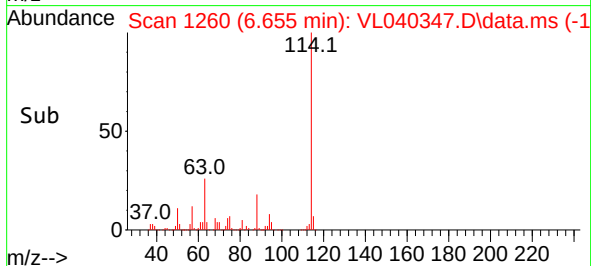
88 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#34

2-Butanone

Concen: 0.493 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.016 min

Lab File: VL040347.D

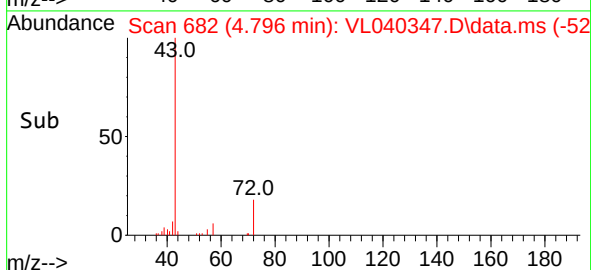
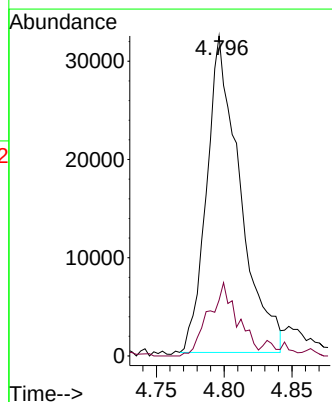
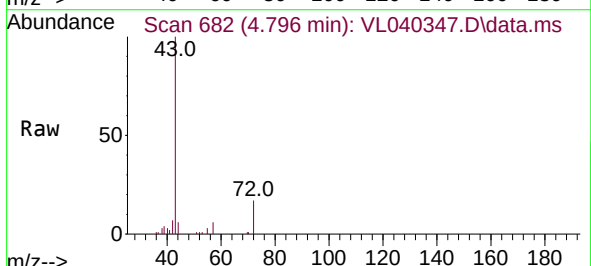
Acq: 12 Apr 2023 22:03

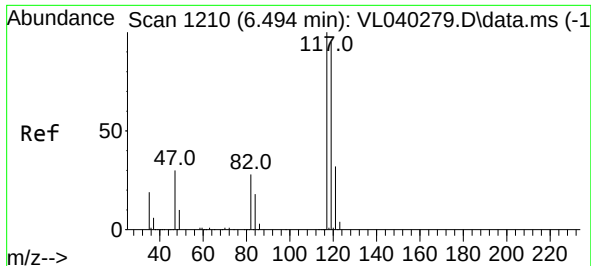
Tgt Ion: 43 Resp: 55106

Ion Ratio Lower Upper

43 100

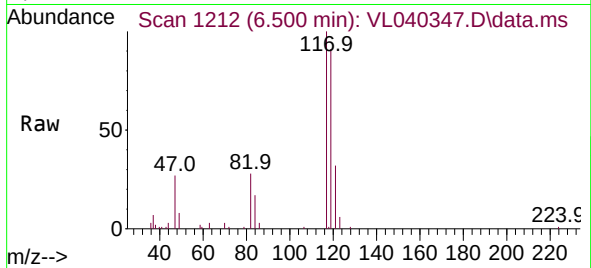
72 24.3 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.499 ppbv m
RT: 6.500 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

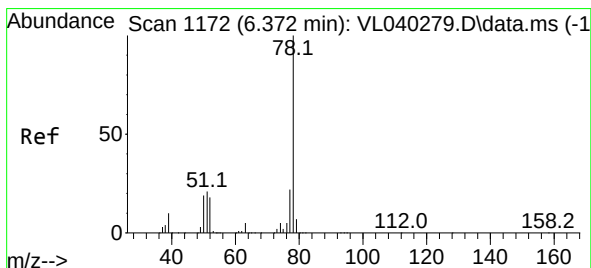
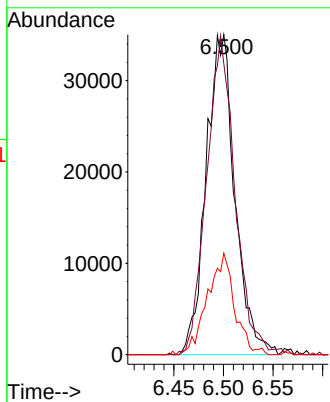
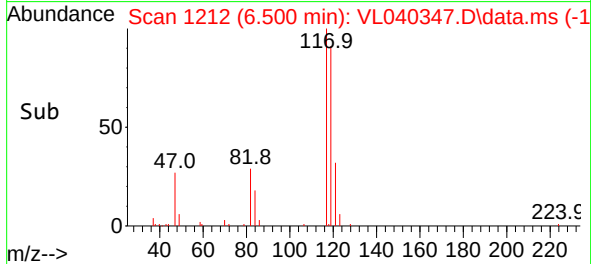
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 117 Resp: 7089
Ion Ratio Lower Upper
117 100
119 90.9 76.4 114.6
121 31.7 25.6 38.4

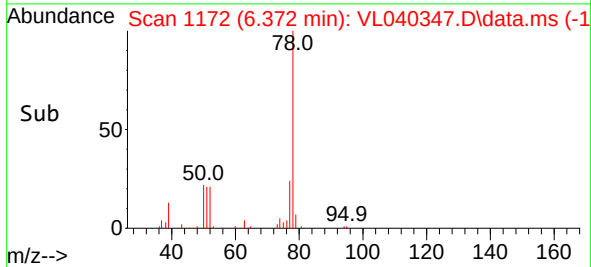
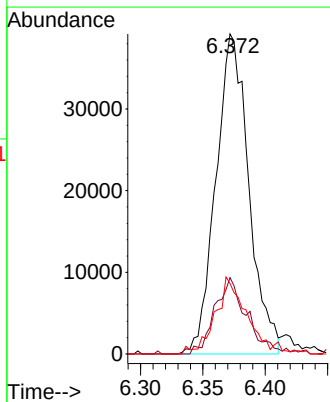
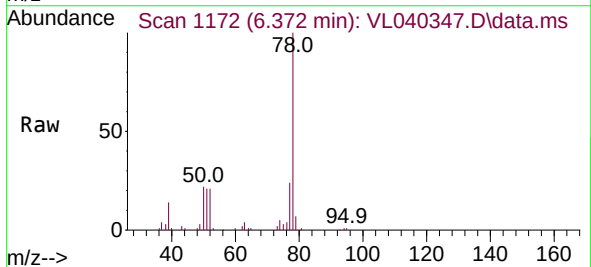
Manual Integrations
APPROVED

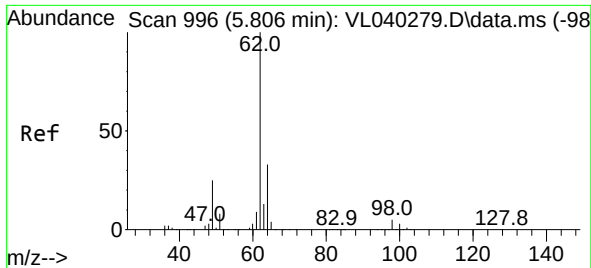
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#36
Benzene
Concen: 0.417 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion: 78 Resp: 72033
Ion Ratio Lower Upper
78 100
77 23.8 17.8 26.8
50 22.0 15.4 23.2





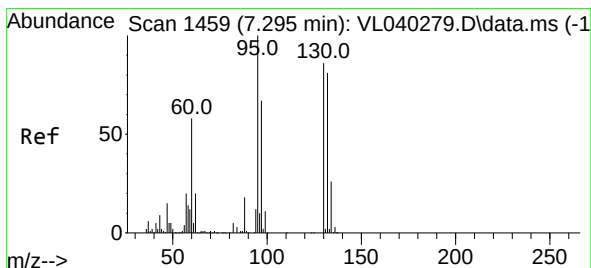
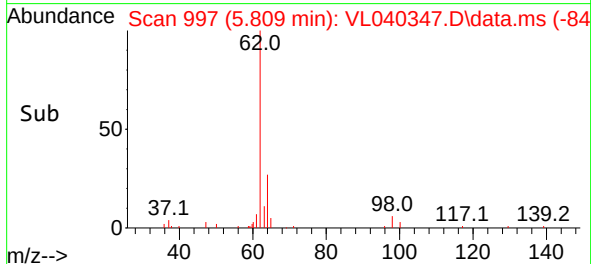
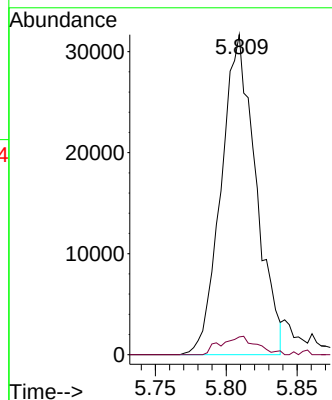
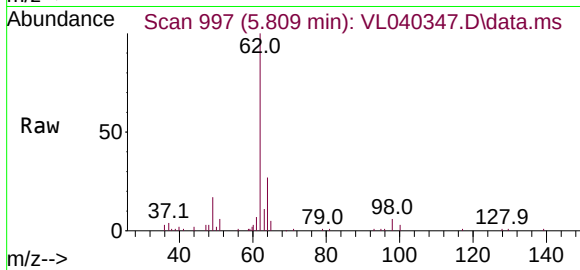
#37
1,2-Dichloroethane
Concen: 0.480 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

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

Tgt Ion: 62 Resp: 53944
Ion Ratio Lower Upper
62 100
98 6.3 4.3 6.5

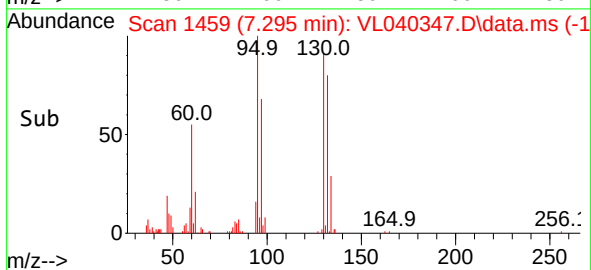
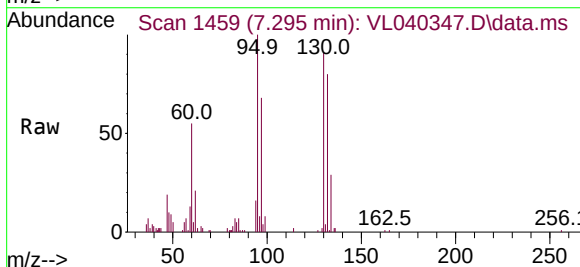
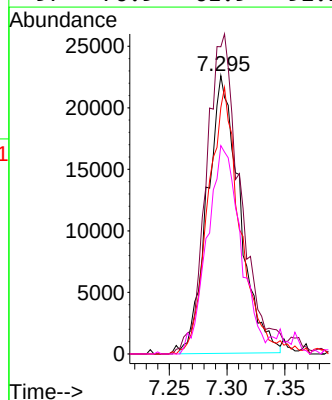
Manual Integrations
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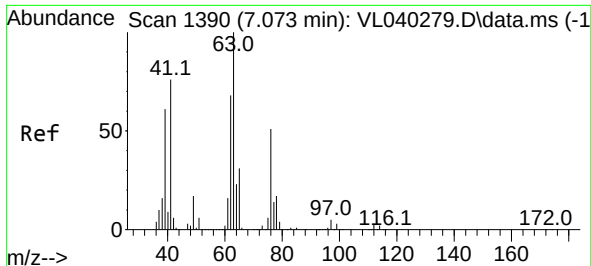
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#38
Trichloroethene
Concen: 0.468 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion:130 Resp: 44184
Ion Ratio Lower Upper
130 100
95 111.3 93.0 139.4
132 89.4 75.3 112.9
97 76.9 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.454 ppbv

RT: 7.076 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

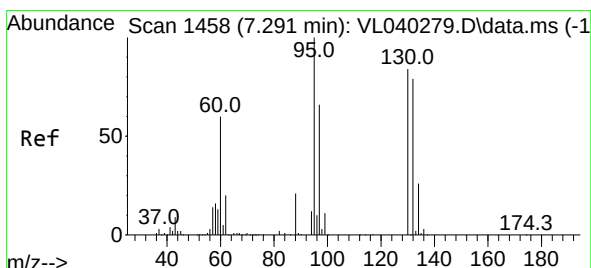
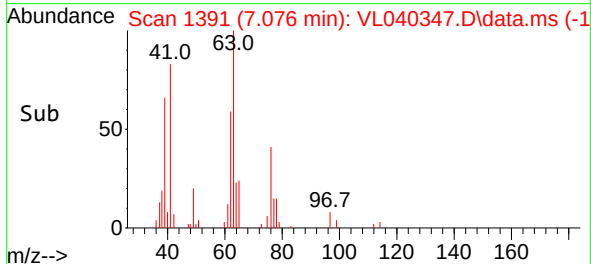
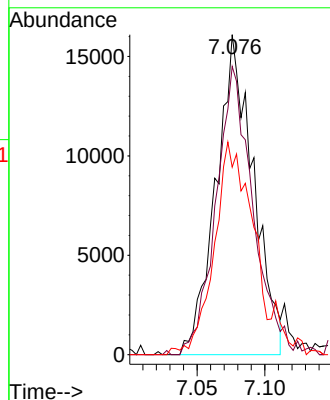
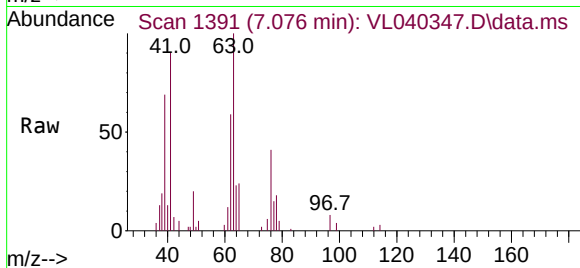
MDL-AIR-03-QT2-2023

Tgt Ion: 63	Resp: 3077
Ion Ratio	Lower Upper
63	100
41	90.1 60.8 91.2
62	57.2 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: 0.468 ppbv m

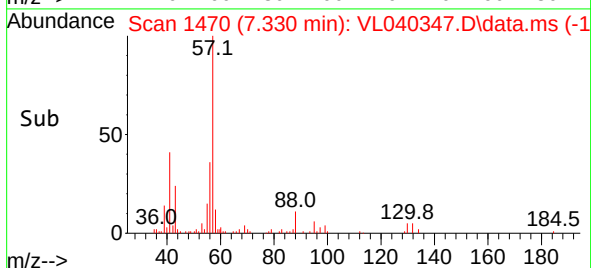
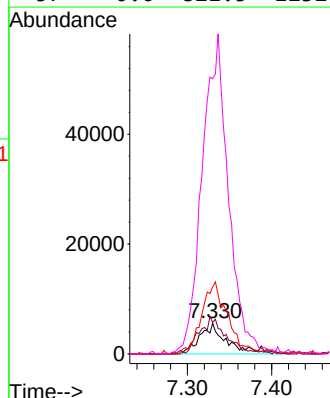
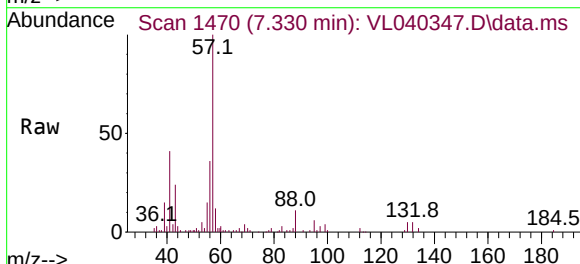
RT: 7.330 min Scan# 1470

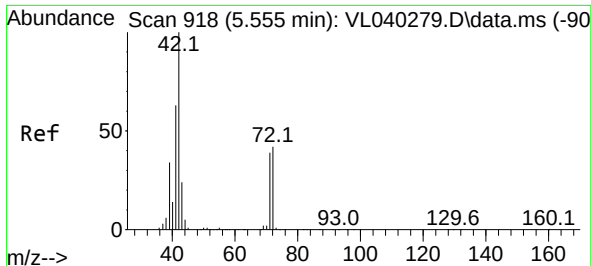
Delta R.T. 0.039 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Tgt Ion: 88	Resp: 12554
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#





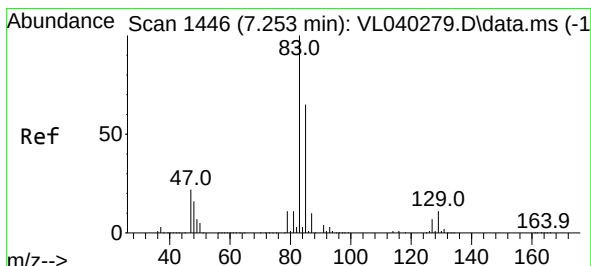
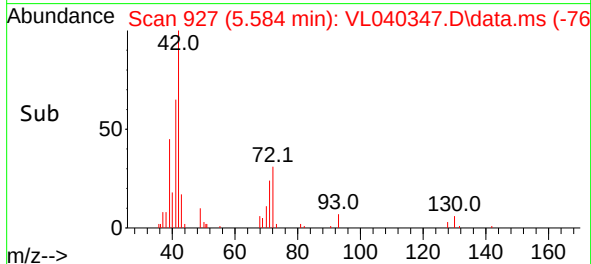
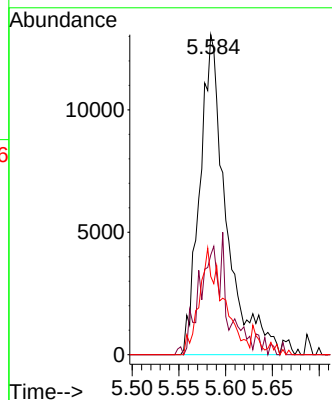
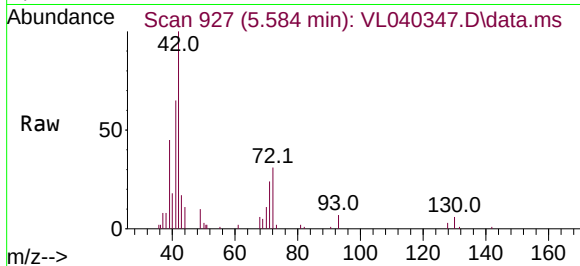
#41
Tetrahydrofuran
Concen: 0.398 ppbv m
RT: 5.584 min Scan# 918
Delta R.T. 0.029 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

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

Tgt Ion: 42 Resp: 25714
Ion Ratio Lower Upper
42 100
72 38.3 32.6 49.0
71 34.0 31.0 46.4

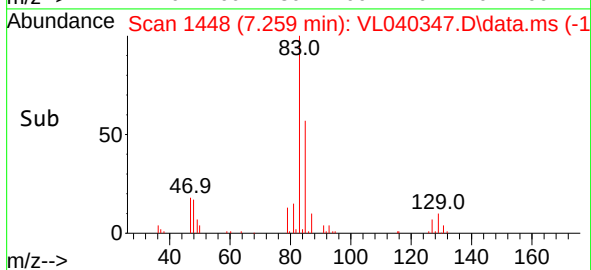
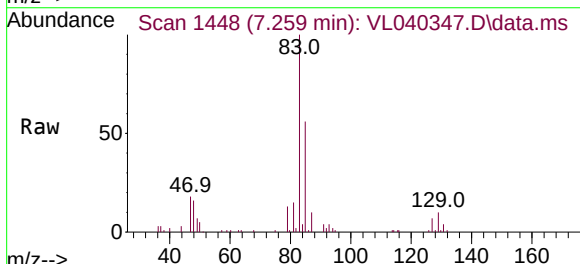
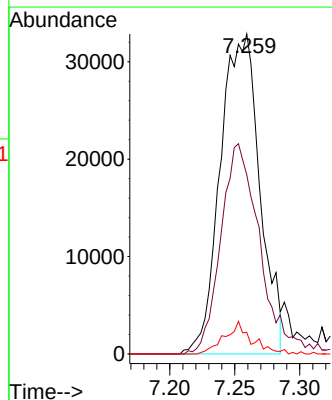
Manual Integrations
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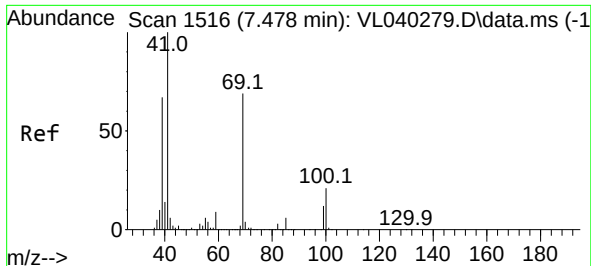
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#42
Bromodichloromethane
Concen: 0.453 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion: 83 Resp: 69532
Ion Ratio Lower Upper
83 100
85 56.0 52.1 78.1
127 6.8 5.8 8.6





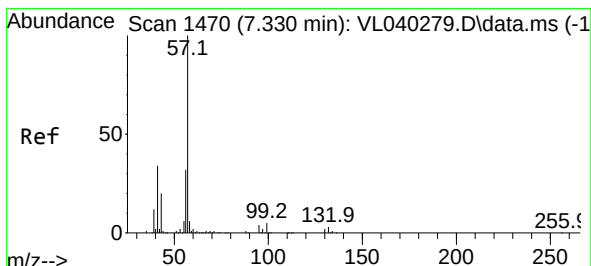
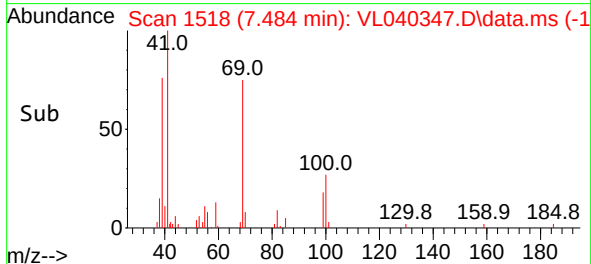
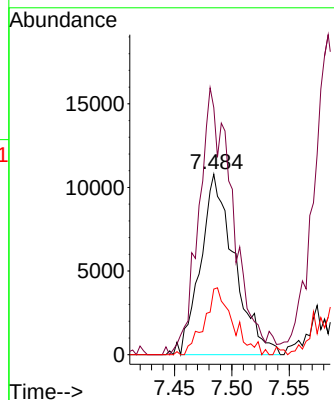
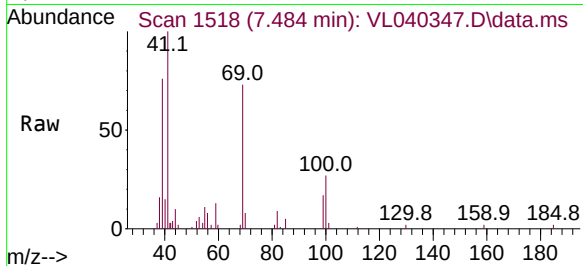
#43
Methyl Methacrylate
Concen: 0.342 ppbv m
RT: 7.484 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

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

Tgt Ion: 69 Resp: 21940
Ion Ratio Lower Upper
69 100
41 152.1 116.9 175.3
100 31.4 24.2 36.4

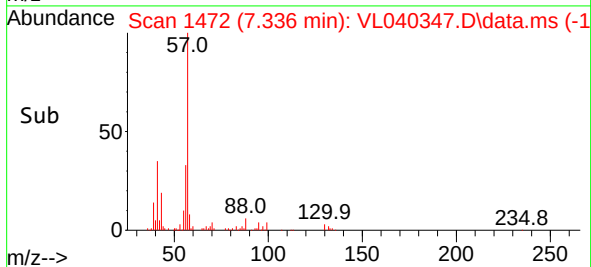
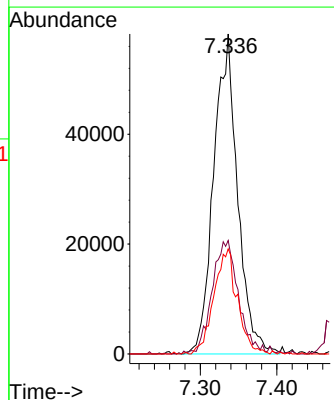
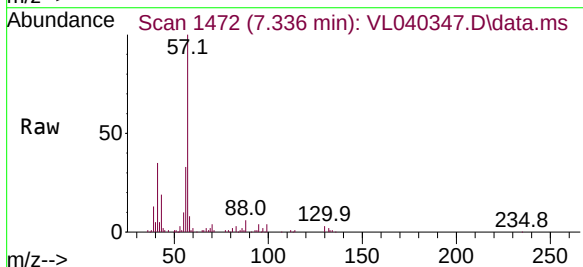
Manual Integrations
APPROVED

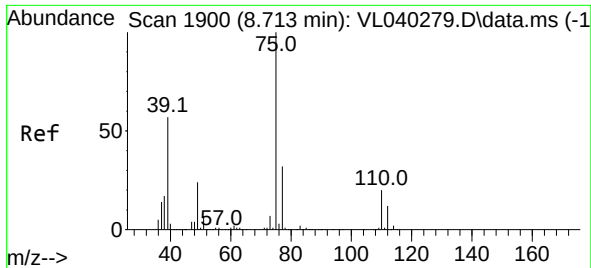
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#44
2,2,4-Trimethylpentane
Concen: 0.438 ppbv m
RT: 7.336 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

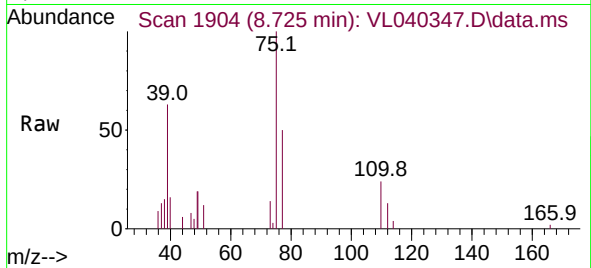
Tgt Ion: 57 Resp: 126054
Ion Ratio Lower Upper
57 100
41 0.0 26.8 40.2#
56 0.0 25.0 37.6#





#45
t-1,3-Dichloropropene
Concen: 0.342 ppbv m
RT: 8.725 min Scan# 1904
Delta R.T. 0.012 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

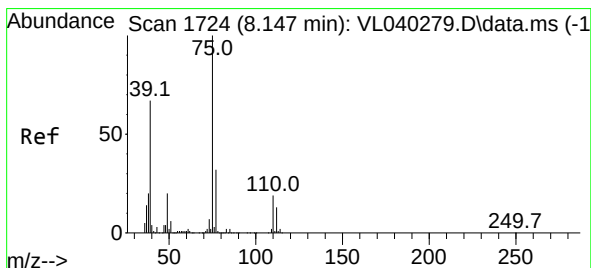
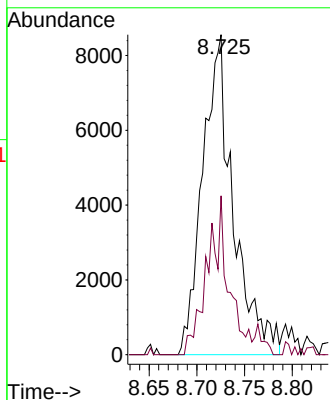
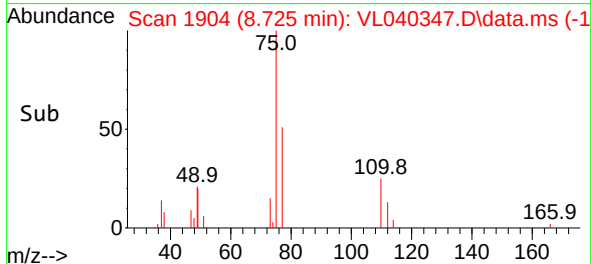
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 75 Resp: 1912
Ion Ratio Lower Upper
75 100
77 49.7 25.4 38.0

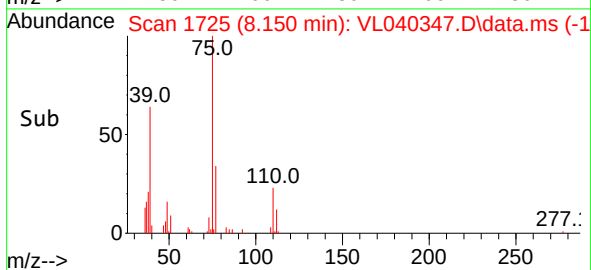
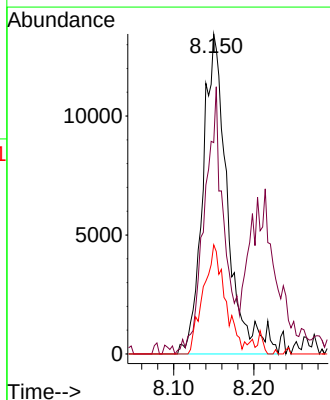
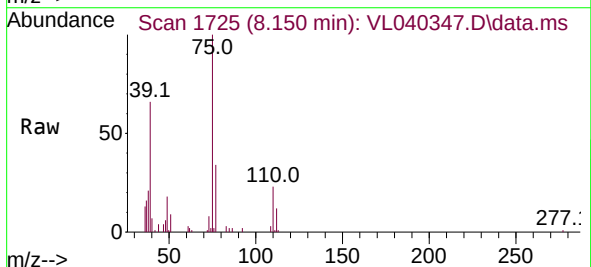
Manual Integrations
APPROVED

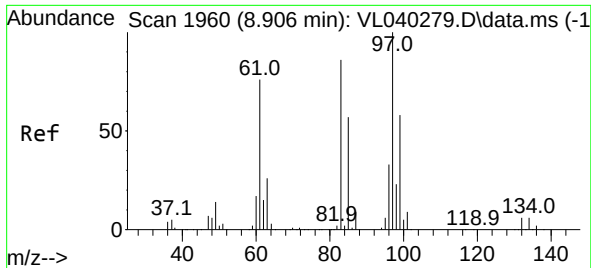
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#46
cis-1,3-Dichloropropene
Concen: 0.362 ppbv m
RT: 8.150 min Scan# 1725
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

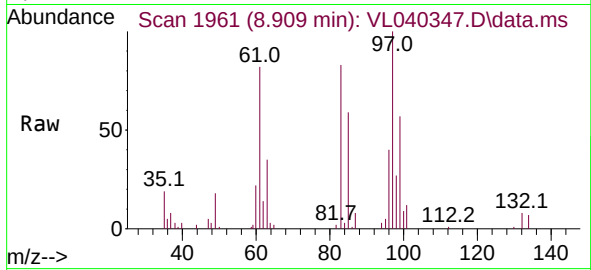
Tgt Ion: 75 Resp: 28759
Ion Ratio Lower Upper
75 100
39 66.0 53.9 80.9
77 34.1 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 0.498 ppbv m
RT: 8.909 min Scan# 1961
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

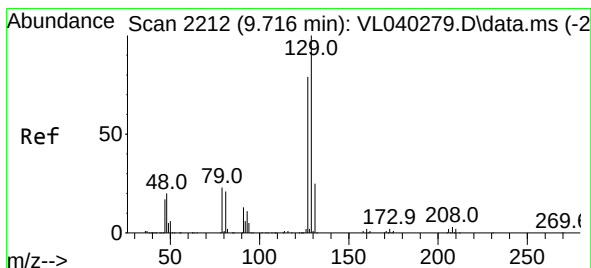
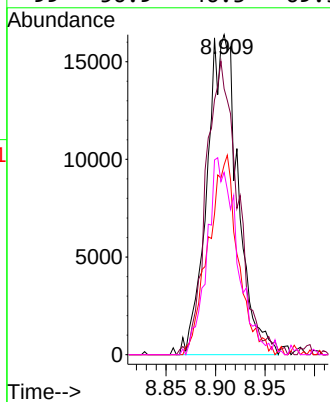
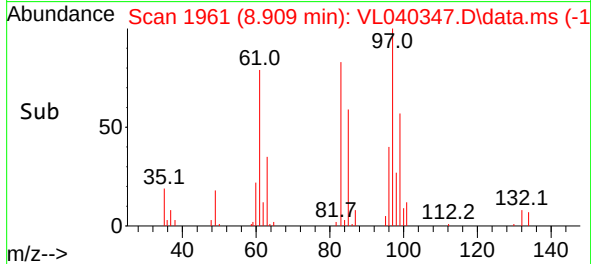
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 97 Resp: 36024
Ion Ratio Lower Upper
97 100
83 83.1 68.6 103.0
85 59.3 46.0 69.0
99 56.9 46.3 69.5

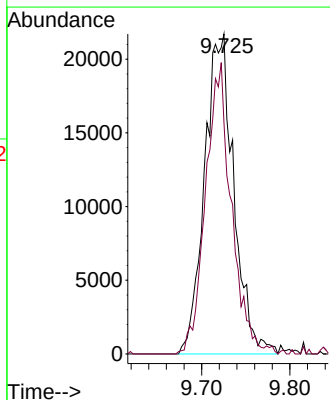
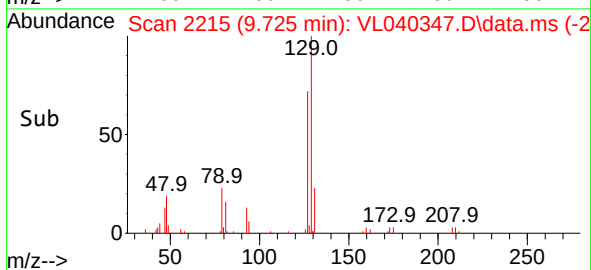
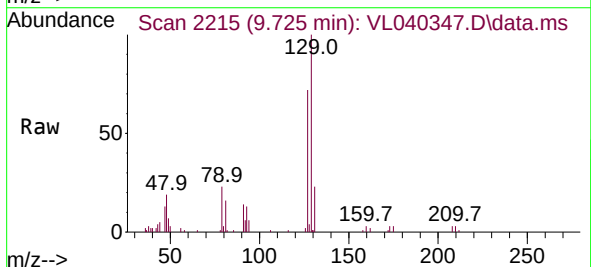
Manual Integrations
APPROVED

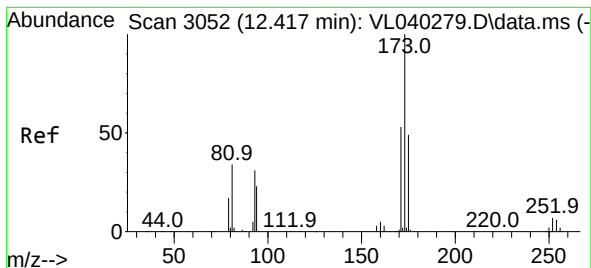
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#48
Dibromochloromethane
Concen: 0.420 ppbv m
RT: 9.725 min Scan# 2215
Delta R.T. 0.009 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion:129 Resp: 49935
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#





#49

Bromoform

Concen: 0.388 ppbv m

RT: 12.413 min Scan# 3052

Delta R.T. -0.004 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

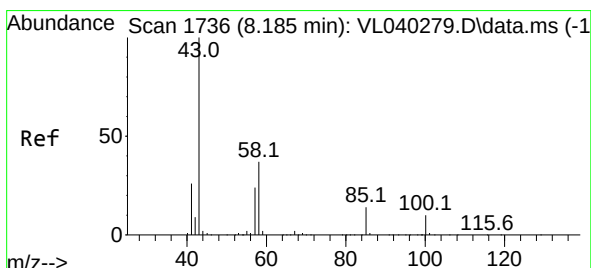
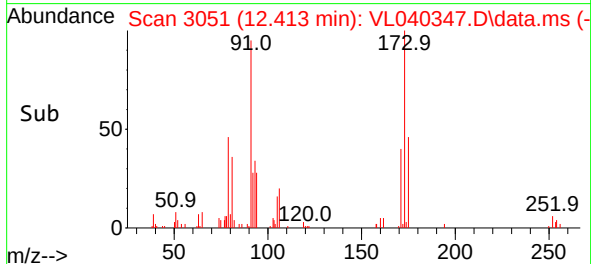
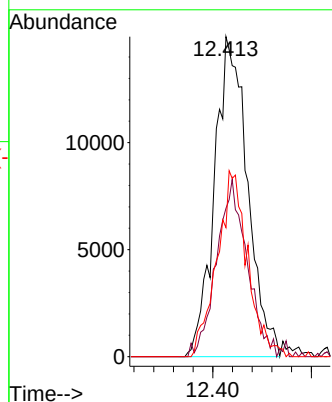
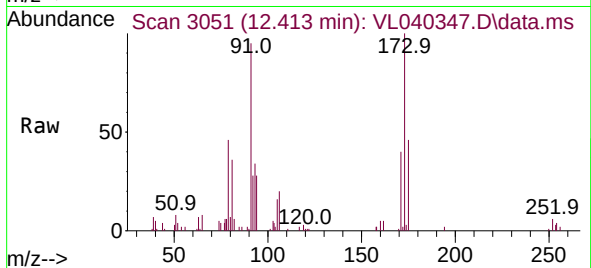
ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion:173	Resp:	3470
Ion Ratio	Lower	Upper
173	100	
175	52.3	39.8 59.8
171	53.8	42.2 63.4

Manual Integrations
APPROVED

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



#50

4-Methyl-2-Pentanone

Concen: 0.381 ppbv

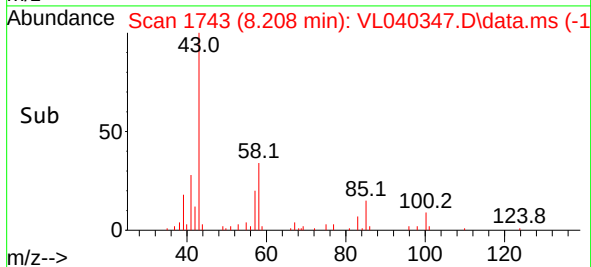
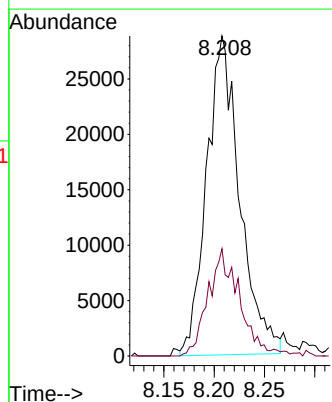
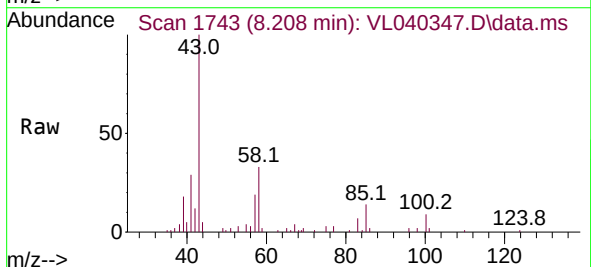
RT: 8.208 min Scan# 1743

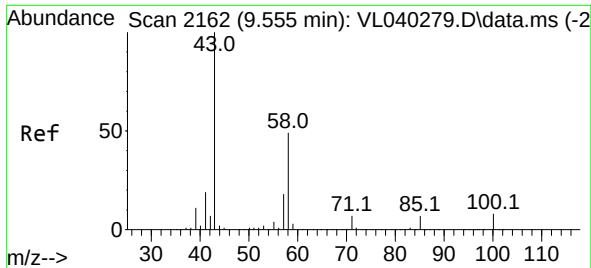
Delta R.T. 0.023 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

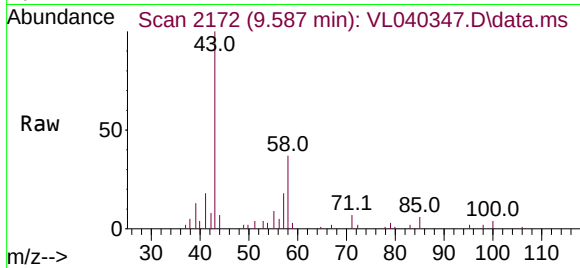
Tgt Ion: 43	Resp:	65932
Ion Ratio	Lower	Upper
43	100	
58	32.4	29.2 43.8





#51
2-Hexanone
Concen: 0.360 ppbv m
RT: 9.587 min Scan# 2162
Delta R.T. 0.032 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

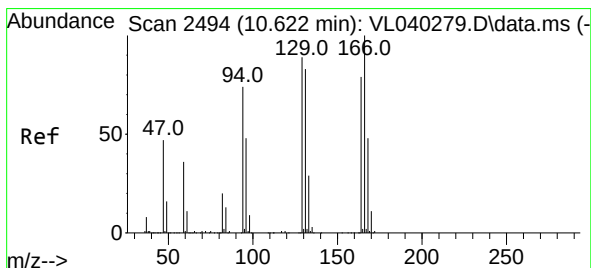
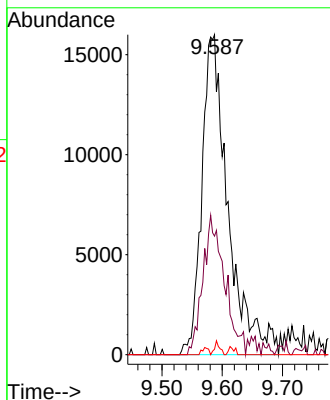
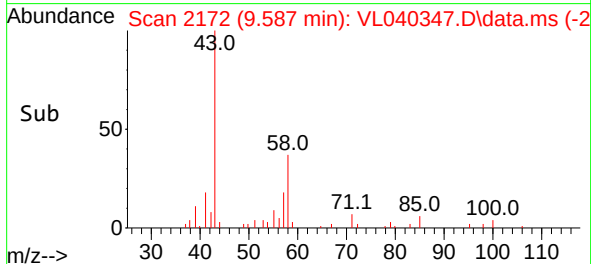
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 43 Resp: 48189
Ion Ratio Lower Upper
43 100
58 0.0 38.0 57.0
98 0.0 0.5 0.7

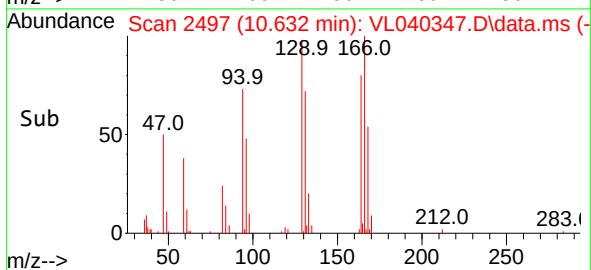
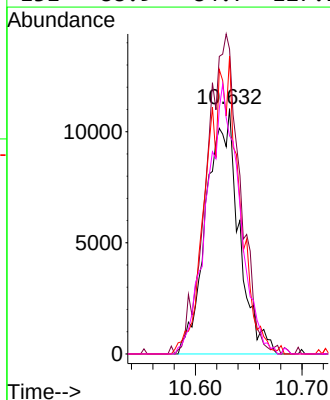
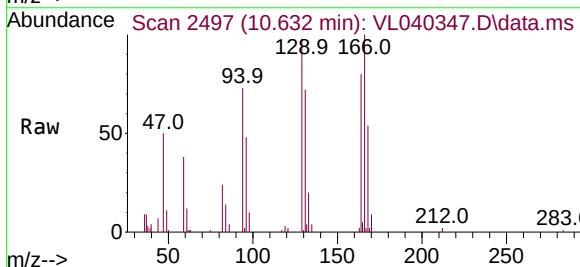
Manual Integrations
APPROVED

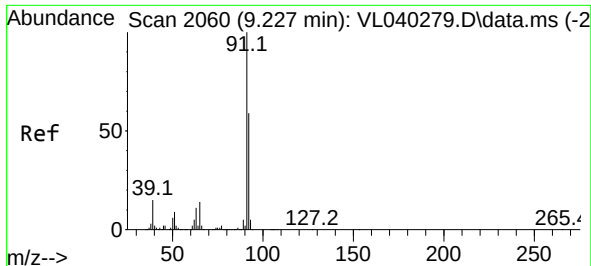
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#52
Tetrachloroethene
Concen: 0.446 ppbv m
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion:164 Resp: 23286
Ion Ratio Lower Upper
164 100
166 124.3 101.8 152.6
129 121.4 90.2 135.2
131 88.9 84.7 127.1





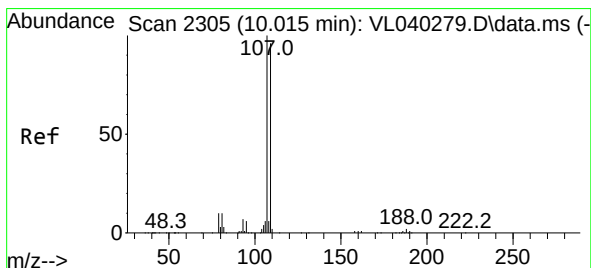
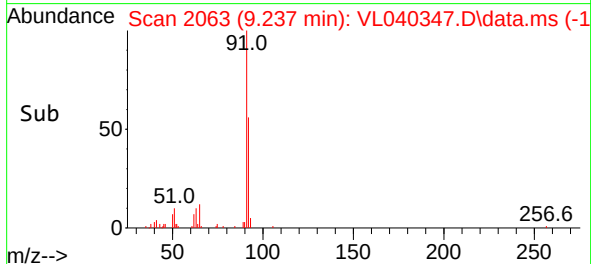
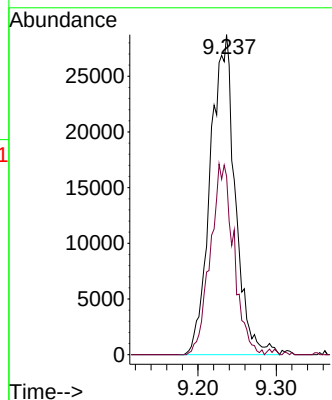
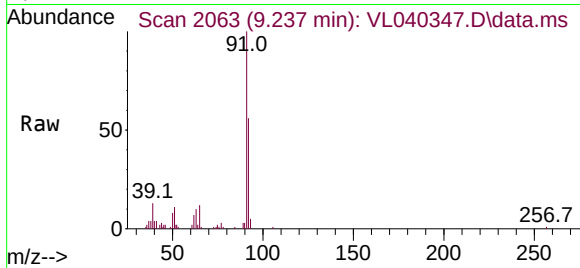
#53
Toluene
Concen: 0.350 ppbv m
RT: 9.237 min Scan# 2063
Delta R.T. 0.010 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

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

Tgt Ion: 91 Resp: 6335
Ion Ratio Lower Upper
91 100
92 57.2 48.0 72.0

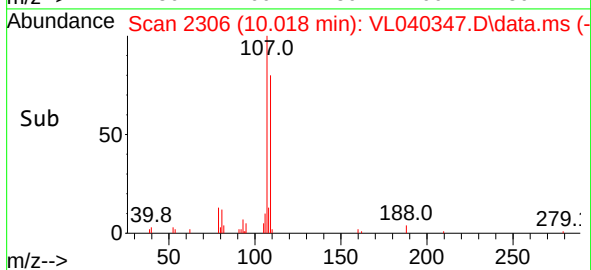
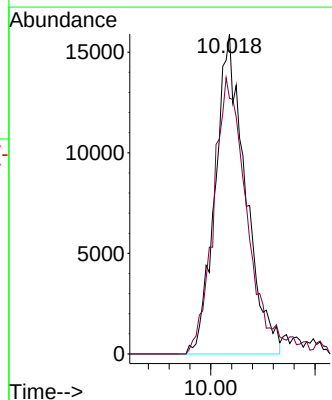
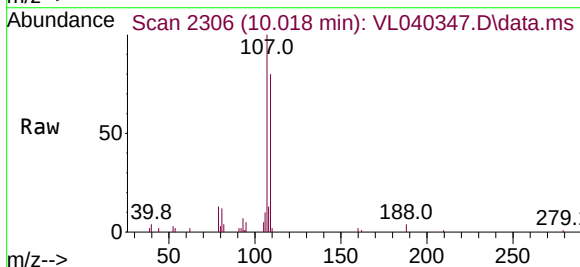
Manual Integrations
APPROVED

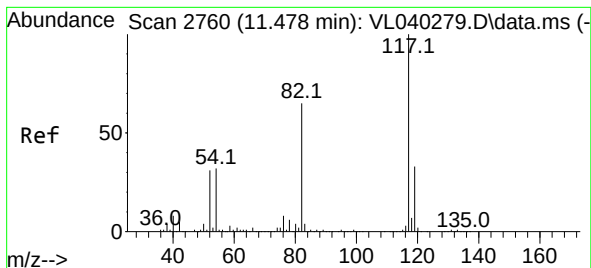
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#54
1,2-Dibromoethane
Concen: 0.431 ppbv m
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion:107 Resp: 32065
Ion Ratio Lower Upper
107 100
109 79.9 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 2760

Delta R.T. -0.000 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion:117 Resp: 195608

Ion Ratio Lower Upper

117 100

82 68.3 51.4 77.2

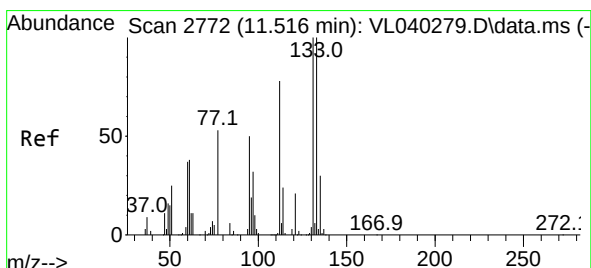
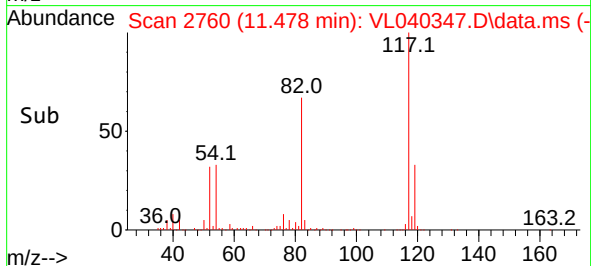
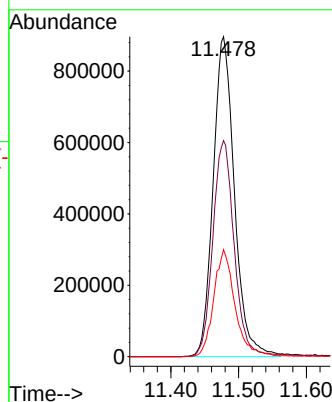
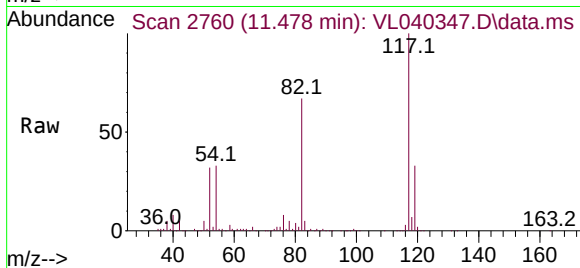
119 33.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 0.561 ppbv m

RT: 11.523 min Scan# 2774

Delta R.T. 0.007 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

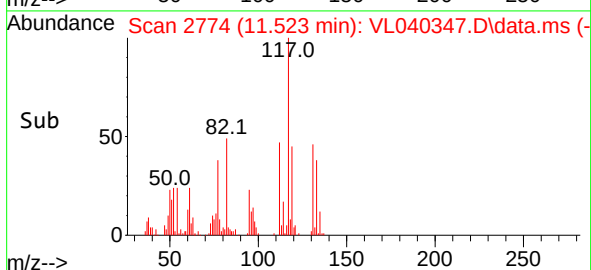
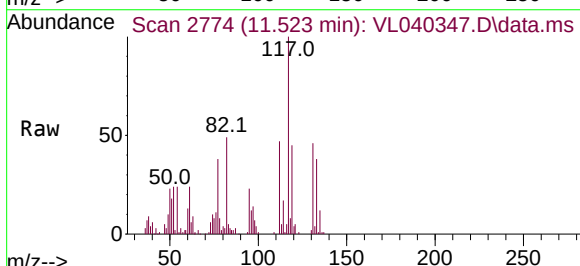
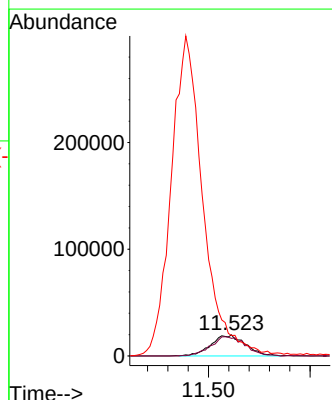
Tgt Ion:131 Resp: 46122

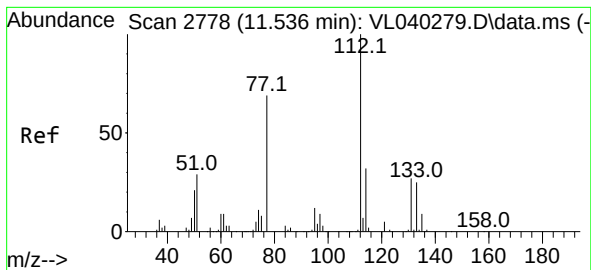
Ion Ratio Lower Upper

131 100

133 92.5 76.5 114.7

119 0.0 47.9 71.9#





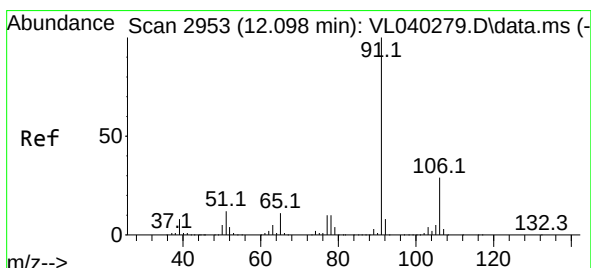
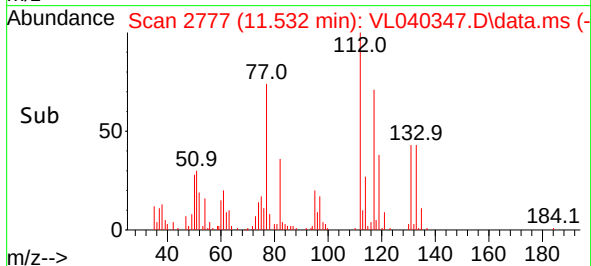
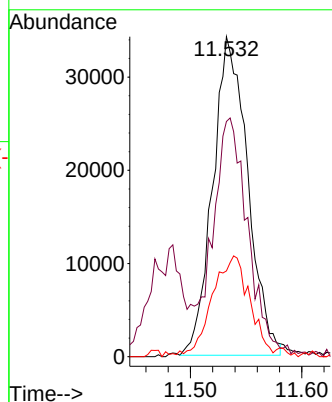
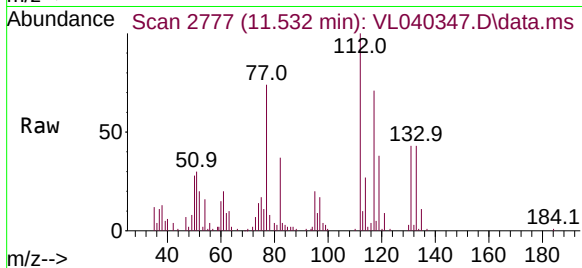
#57
Chlorobenzene
Concen: 0.536 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. -0.004 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

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

Tgt Ion: 112 Resp: 7454
Ion Ratio Lower Upper
112 100
77 71.2 56.2 84.2
114 27.5 29.0 35.4

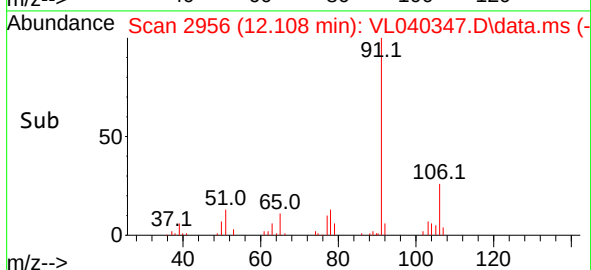
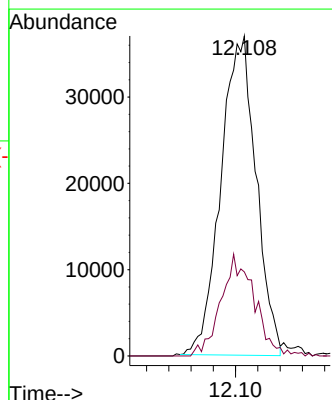
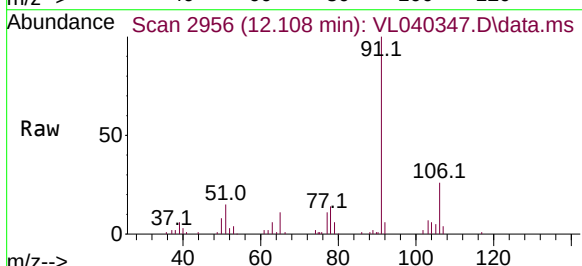
Manual Integrations
APPROVED

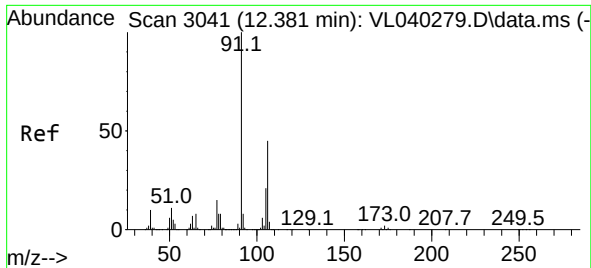
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#58
Ethyl Benzene
Concen: 0.364 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.010 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion: 91 Resp: 81171
Ion Ratio Lower Upper
91 100
106 26.4 23.4 35.2





#59

m/p-Xylene

Concen: 0.847 ppbv m

RT: 12.388 min Scan# 3041

Delta R.T. 0.007 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion: 91 Resp: 17285

Ion Ratio Lower Upper

91 100

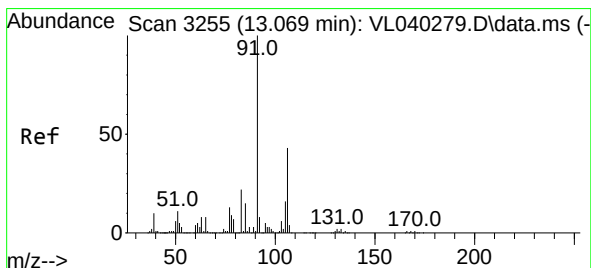
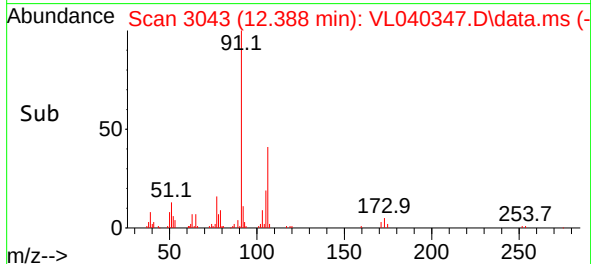
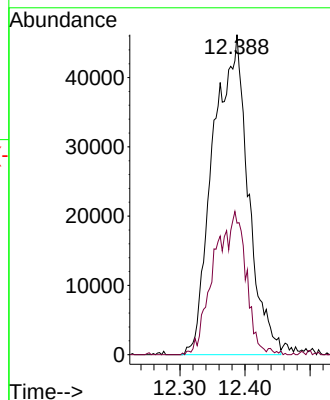
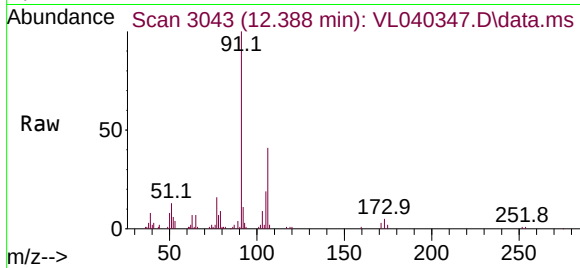
106 0.0 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#60

o-Xylene

Concen: 0.393 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VL040347.D

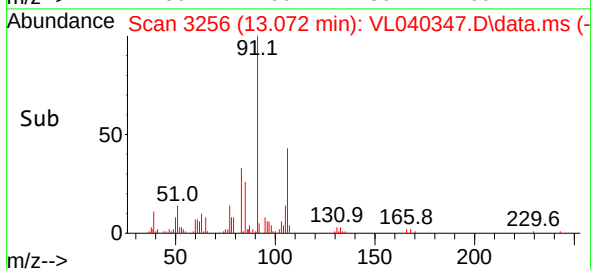
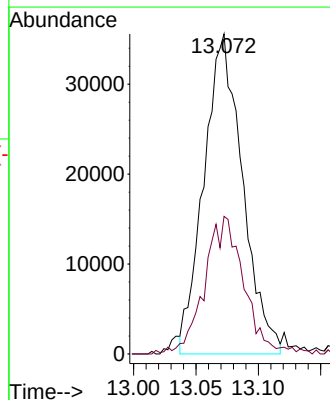
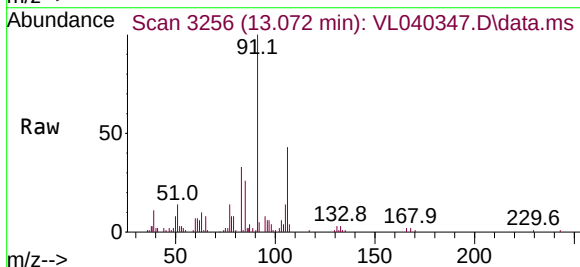
Acq: 12 Apr 2023 22:03

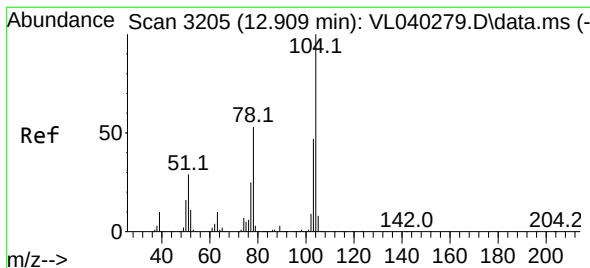
Tgt Ion: 91 Resp: 76694

Ion Ratio Lower Upper

91 100

106 44.2 21.7 65.1





#61

Styrene

Concen: 0.304 ppbv m

RT: 12.912 min Scan# 3111

Delta R.T. 0.003 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

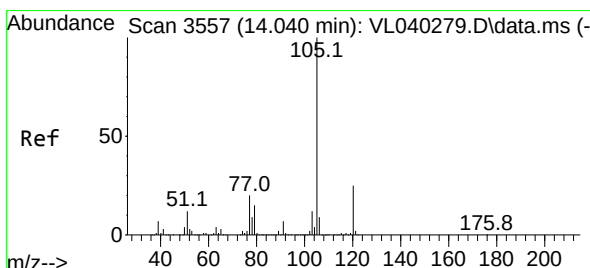
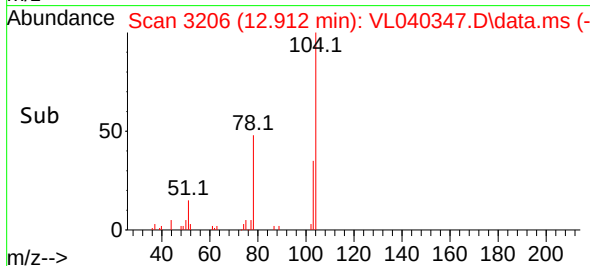
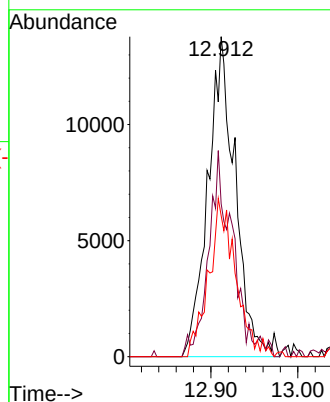
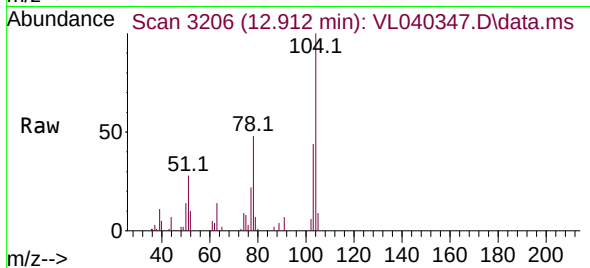
MDL-AIR-03-QT2-2023

Tgt Ion:104	Resp:	3011
Ion Ratio	Lower	Upper
104	100	
78	57.9	43.7 65.5
103	49.0	37.4 56.2

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.448 ppbv

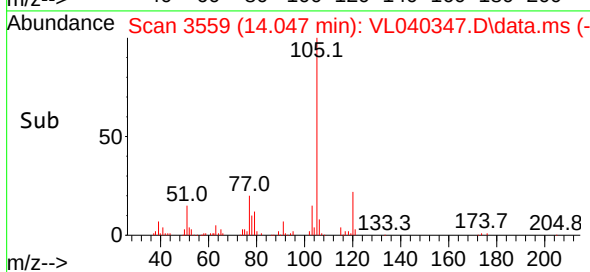
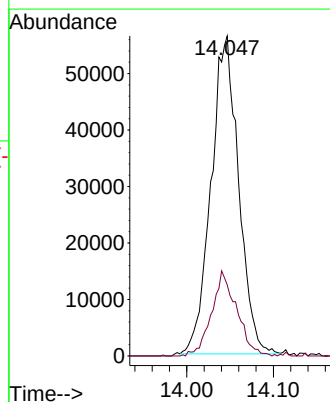
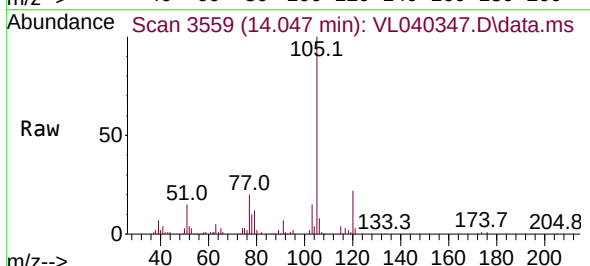
RT: 14.047 min Scan# 3559

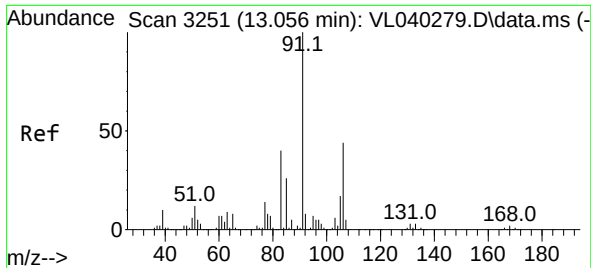
Delta R.T. 0.007 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Tgt Ion:105	Resp:	124434
Ion Ratio	Lower	Upper
105	100	
120	24.4	19.9 29.9





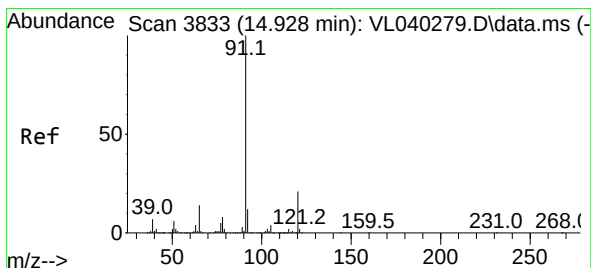
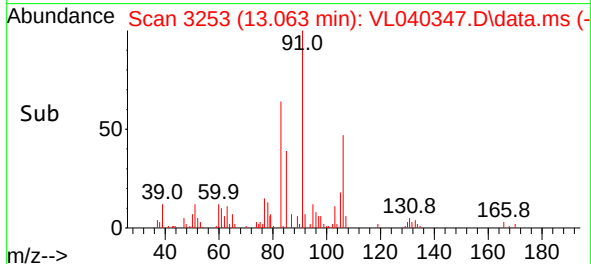
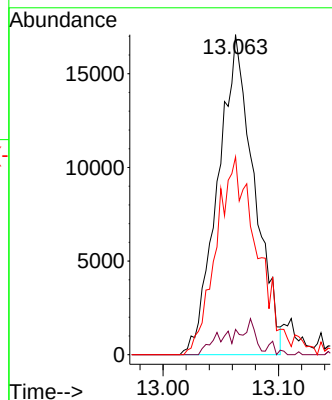
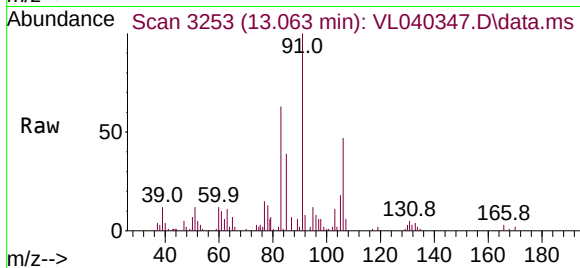
#63
1,1,2,2-Tetrachloroethane
Concen: 0.546 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.007 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

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

Tgt Ion: 83 Resp: 37508
Ion Ratio Lower Upper
83 100
131 9.1 4.3 12.9
85 71.2 32.7 98.1

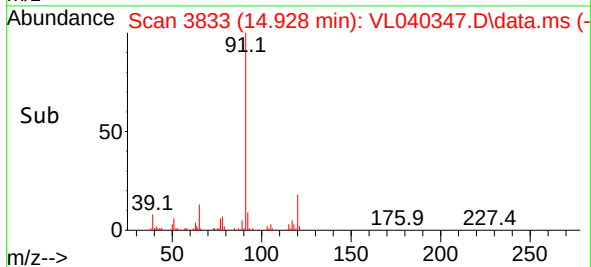
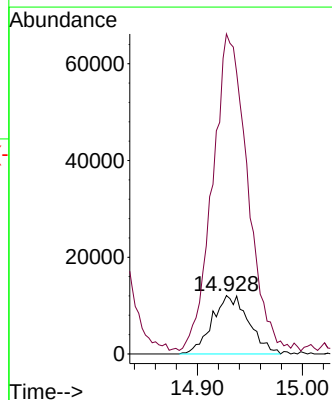
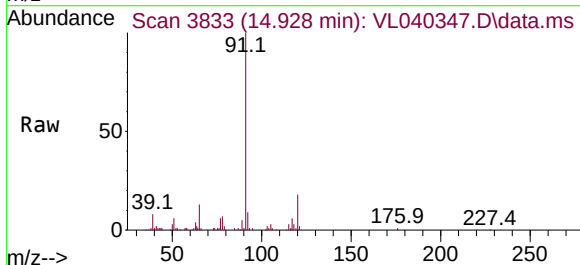
Manual Integrations
APPROVED

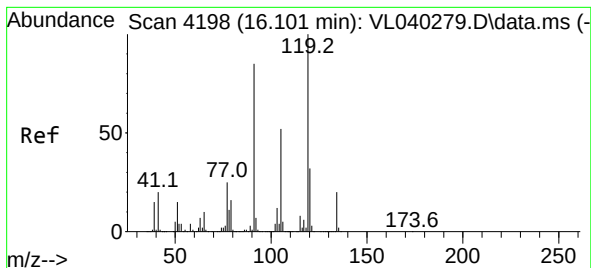
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#64
n-propylbenzene
Concen: 0.430 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion:120 Resp: 29245
Ion Ratio Lower Upper
120 100
91 49.6 399.0 598.6#





#65

tert-Butylbenzene

Concen: 0.421 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

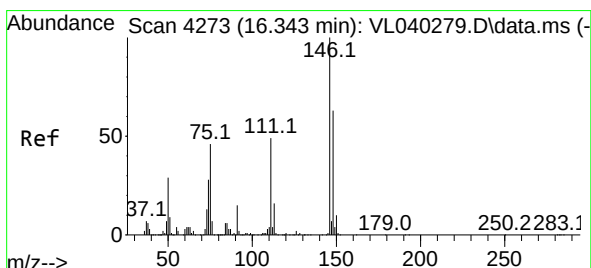
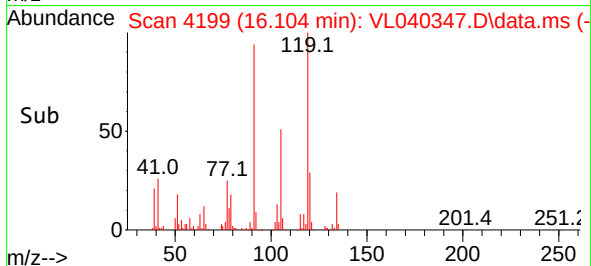
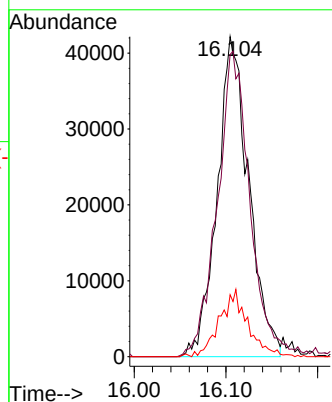
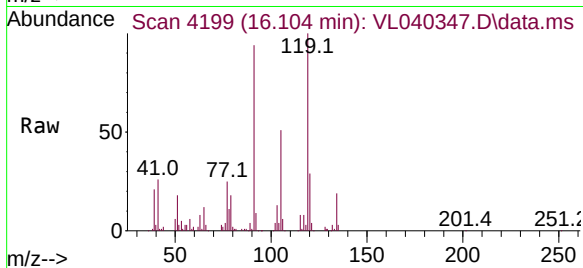
Tgt Ion: 119 Resp: 10072

Ion	Ratio	Lower	Upper
119	100		
91	99.9	69.4	104.2
134	18.9	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: 0.457 ppbv m

RT: 16.346 min Scan# 4274

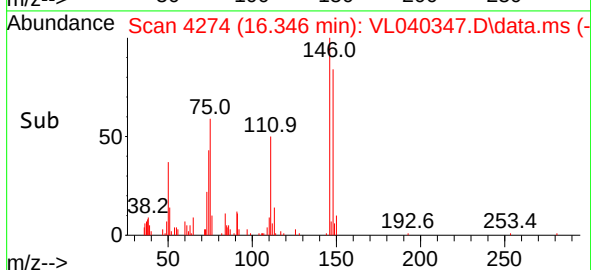
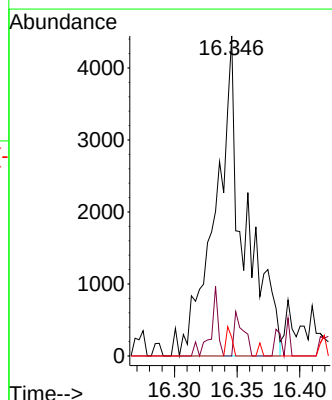
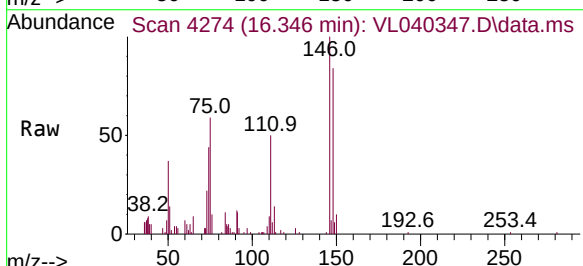
Delta R.T. 0.003 min

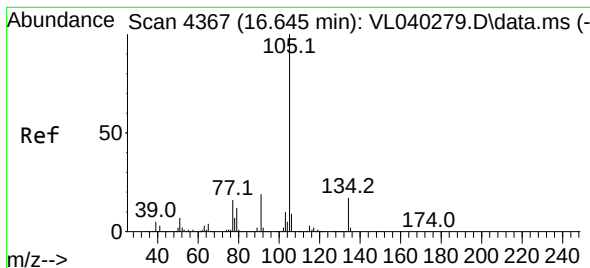
Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Tgt Ion: 91 Resp: 7108

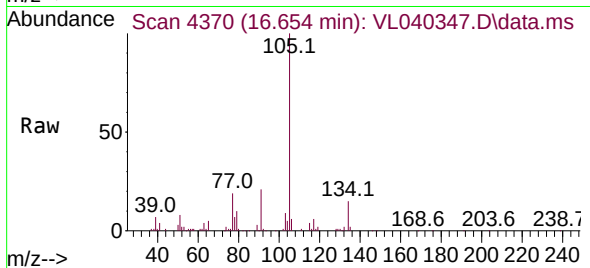
Ion	Ratio	Lower	Upper
91	100		
126	5.5	12.1	18.1#
128	1.8	3.8	5.6#





#67
 sec-Butylbenzene
 Concen: 0.444 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03

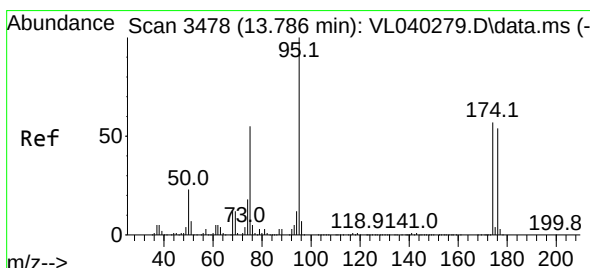
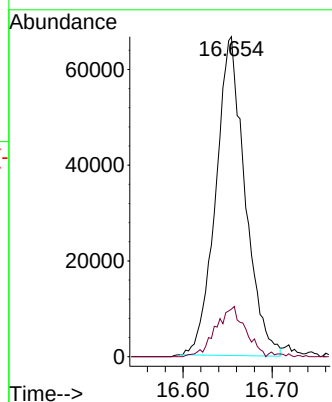
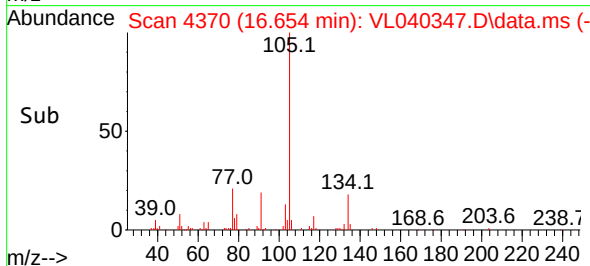
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



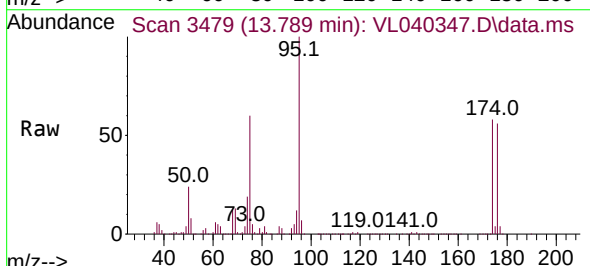
Tgt Ion: 105 Resp: 151960
 Ion Ratio Lower Upper
 105 100
 134 16.1 14.0 21.0

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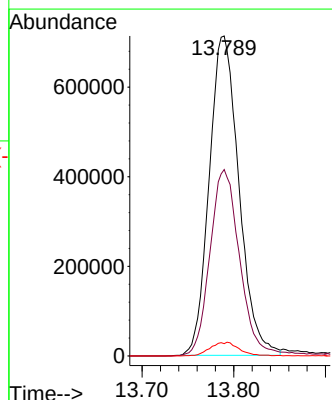
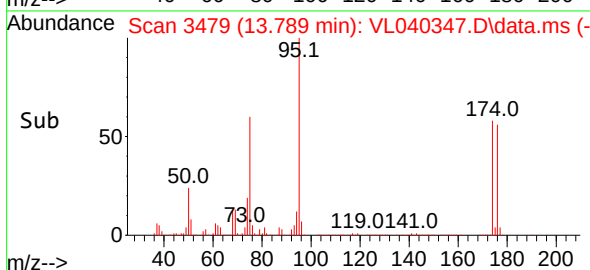
Reviewed By : Semsettin Yesilyurt 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023

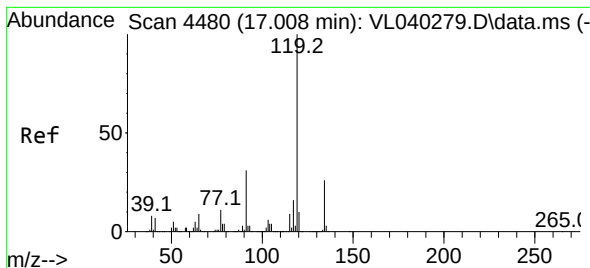


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.822 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: VL040347.D
 Acq: 12 Apr 2023 22:03



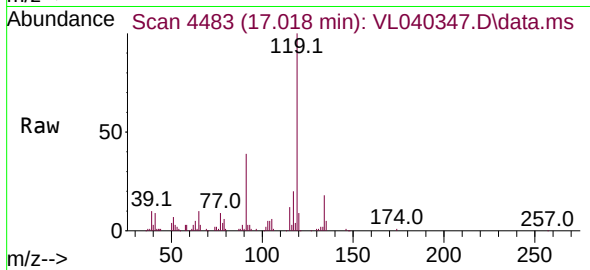
Tgt Ion: 95 Resp: 1608894
 Ion Ratio Lower Upper
 95 100
 174 59.9 47.0 70.6
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 0.392 ppbv
RT: 17.018 min Scan# 4480
Delta R.T. 0.010 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

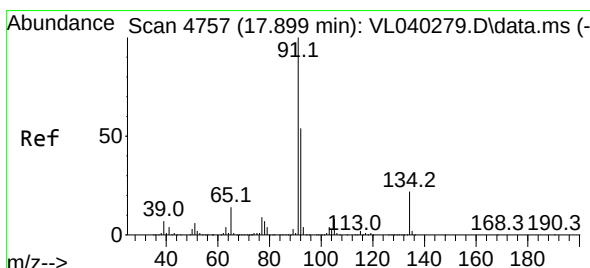
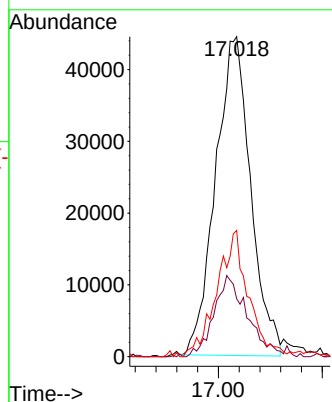
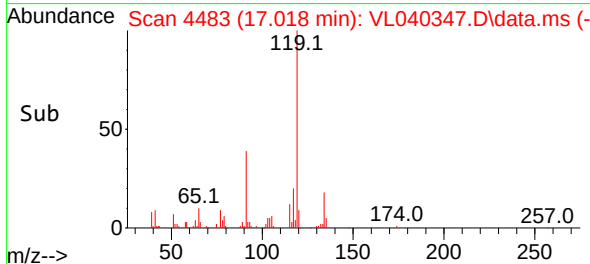
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



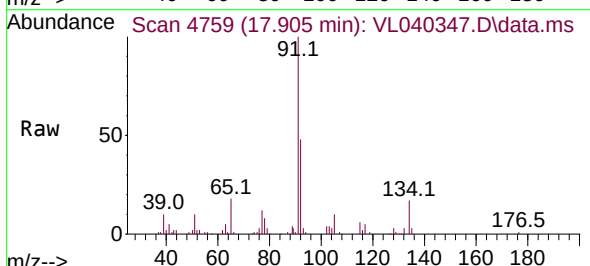
Tgt Ion: 119 Resp: 10437
Ion Ratio Lower Upper
119 100
134 24.6 20.2 30.2
91 36.8 25.1 37.7

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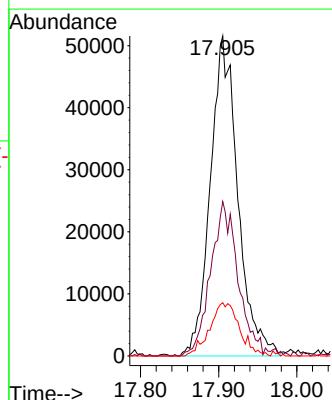
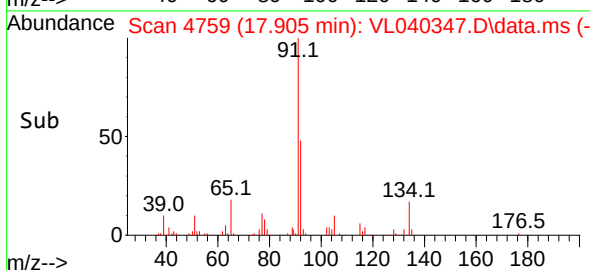
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

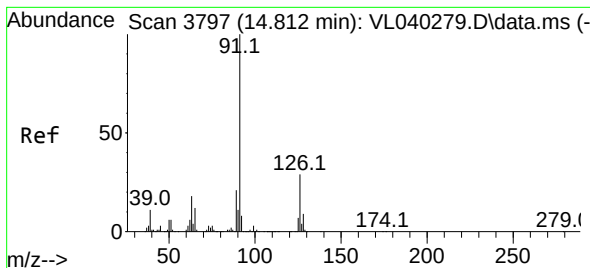


#70
n-Butylbenzene
Concen: 0.429 ppbv m
RT: 17.905 min Scan# 4759
Delta R.T. 0.006 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03



Tgt Ion: 91 Resp: 125975
Ion Ratio Lower Upper
91 100
92 49.6 42.9 64.3
134 18.0 16.8 25.2





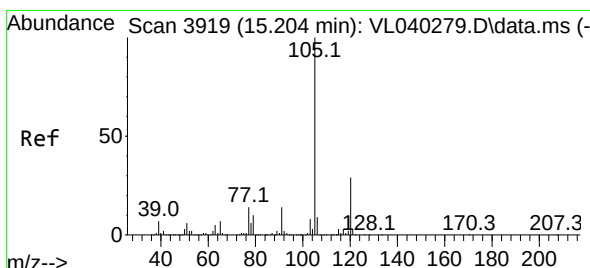
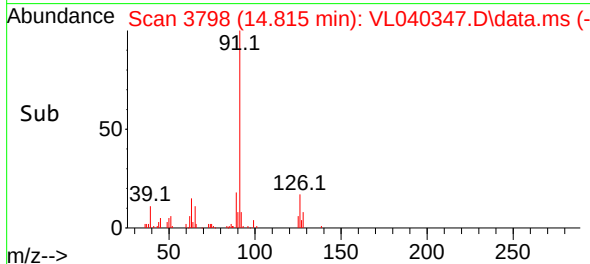
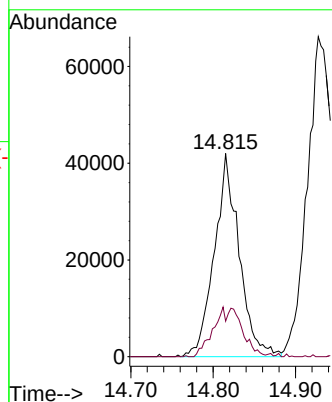
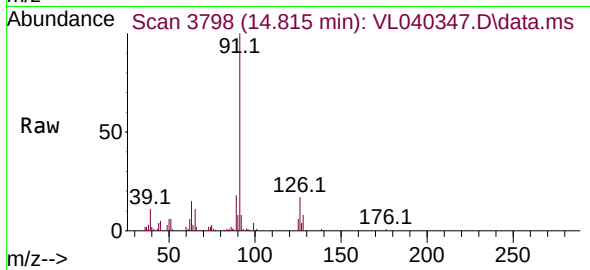
#71
2-Chlorotoluene
Concen: 0.416 ppbv m
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

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

Tgt Ion: 91 Resp: 87849
Ion Ratio Lower Upper
91 100
126 28.8 11.8 47.4

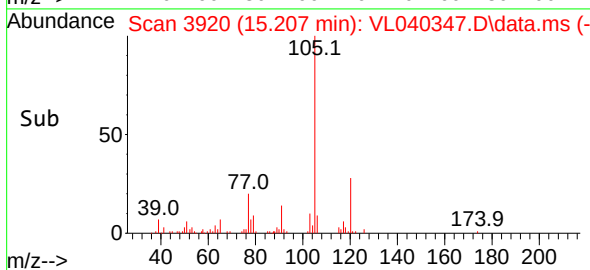
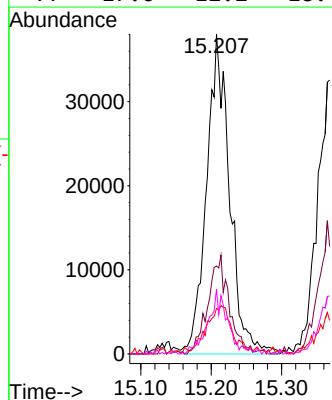
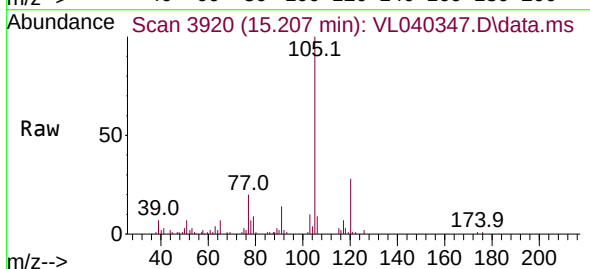
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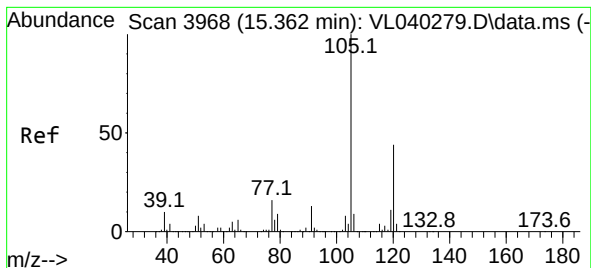
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#72
4-Ethyltoluene
Concen: 0.405 ppbv m
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion:105 Resp: 86431
Ion Ratio Lower Upper
105 100
120 0.0 23.7 35.5#
91 0.0 11.6 17.4#
77 17.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.424 ppbv m

RT: 15.368 min Scan# 3968

Delta R.T. 0.006 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion:105 Resp: 8196

Ion Ratio Lower Upper

105 100

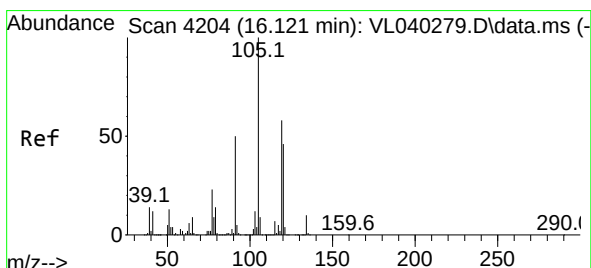
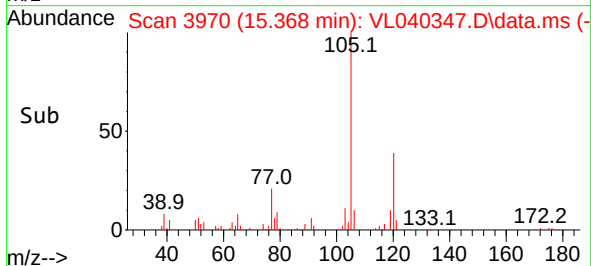
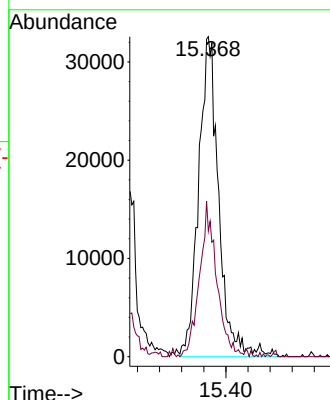
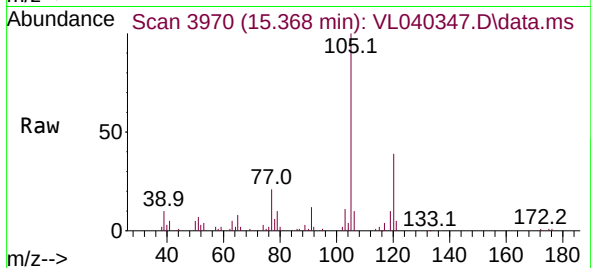
120 39.3 34.9 52.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.427 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.004 min

Lab File: VL040347.D

Acq: 12 Apr 2023 22:03

Tgt Ion:105 Resp: 94149

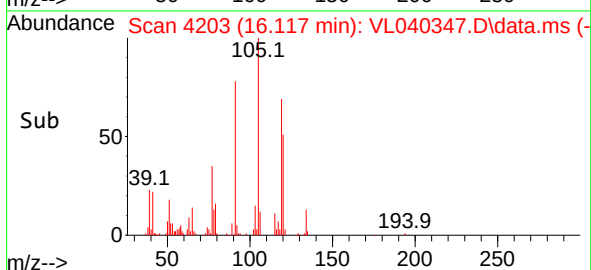
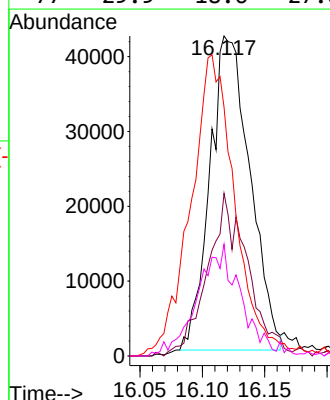
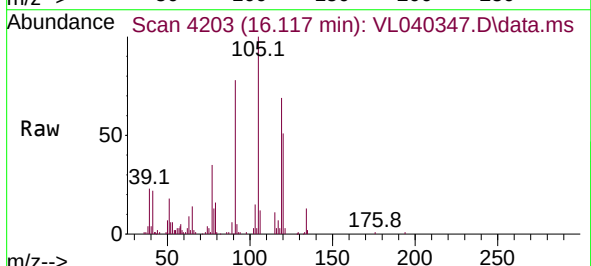
Ion Ratio Lower Upper

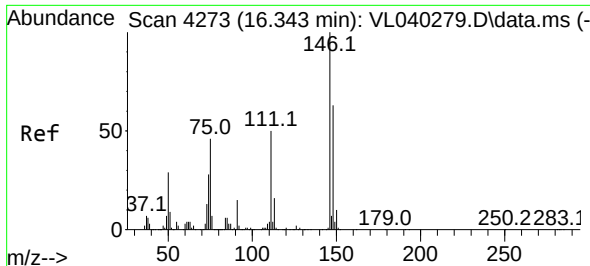
105 100

120 48.6 36.6 54.8

91 75.3 39.9 59.9#

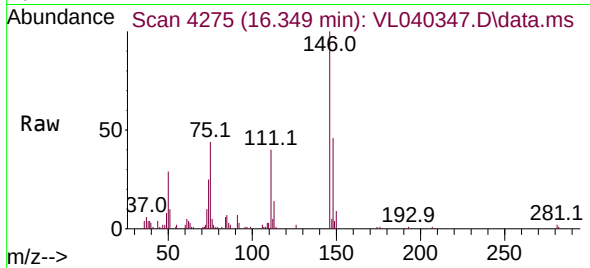
77 29.9 18.6 27.8#





#75
1,3-Dichlorobenzene
Concen: 0.488 ppbv m
RT: 16.349 min Scan# 4318
Delta R.T. 0.006 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

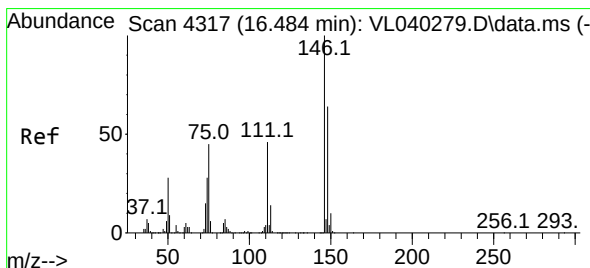
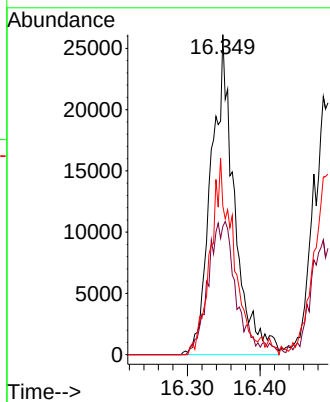
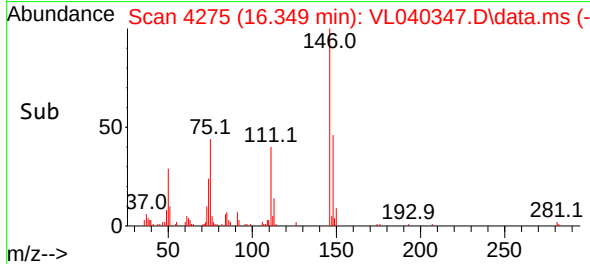
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion:146 Resp: 5820
Ion Ratio Lower Upper
146 100
111 0.0 24.3 73.0
148 0.0 31.9 95.5

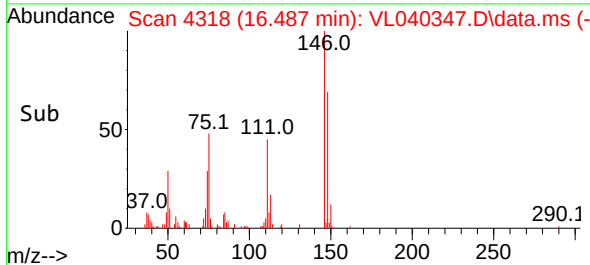
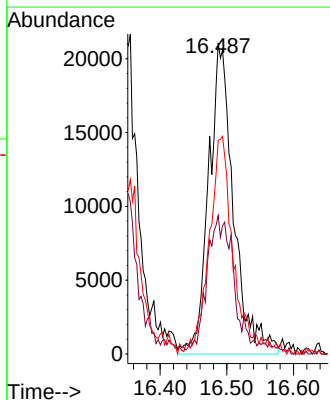
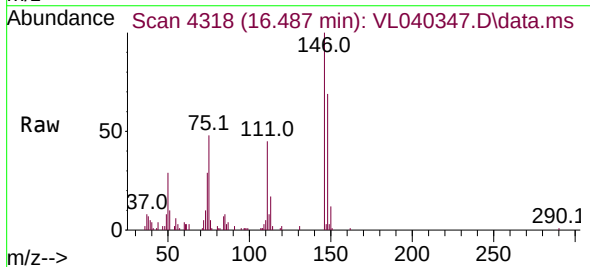
Manual Integrations
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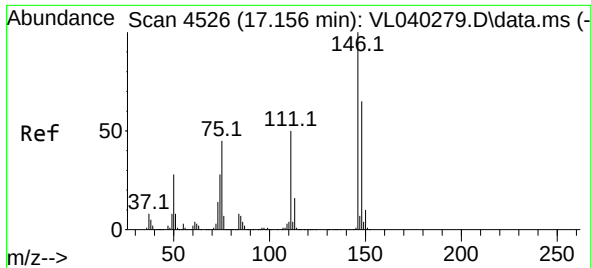
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#76
1,4-Dichlorobenzene
Concen: 0.482 ppbv m
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

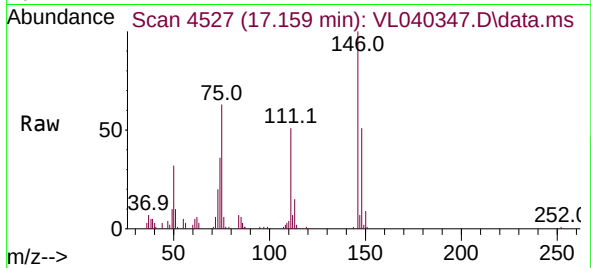
Tgt Ion:146 Resp: 54806
Ion Ratio Lower Upper
146 100
111 50.9 23.8 71.2
148 69.0 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 0.509 ppbv m
RT: 17.159 min Scan# 4526
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

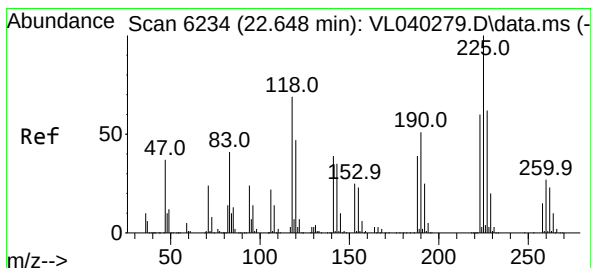
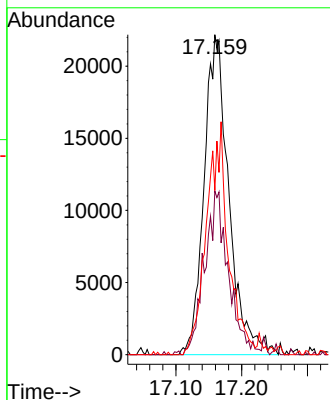
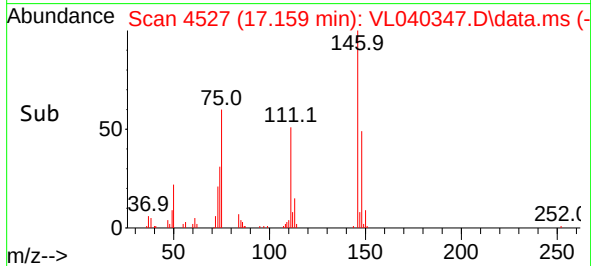
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



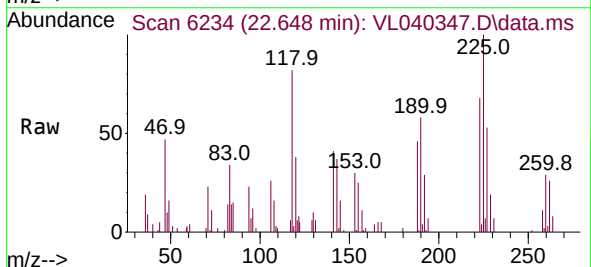
Tgt Ion:146 Resp: 58429
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6
148 0.0 32.1 96.3

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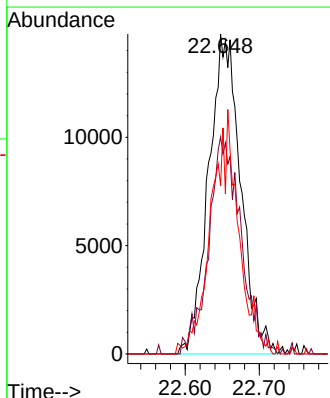
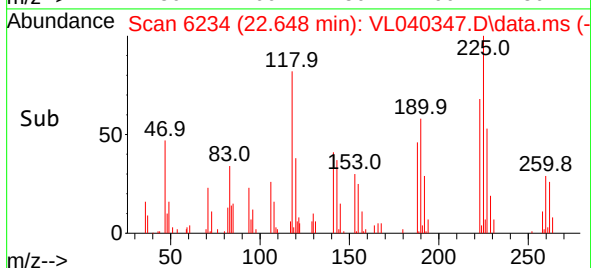
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

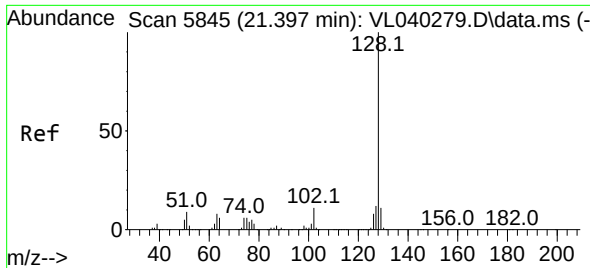


#78
Hexachloro-1,3-Butadiene
Concen: 0.527 ppbv m
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03



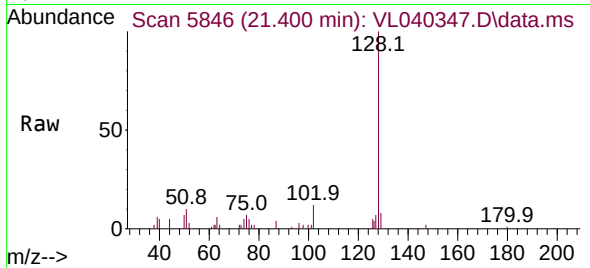
Tgt Ion:225 Resp: 44285
Ion Ratio Lower Upper
225 100
223 68.2 51.0 76.6
227 0.0 51.4 77.2





#79
Naphthalene
Concen: 0.302 ppbv m
RT: 21.400 min Scan# 5846
Delta R.T. 0.003 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

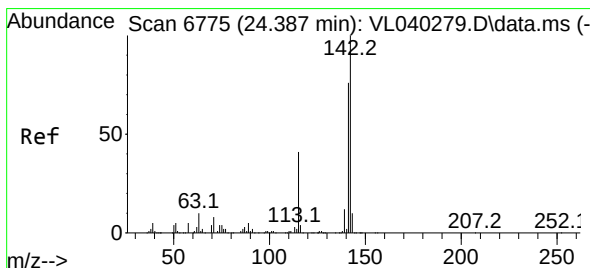
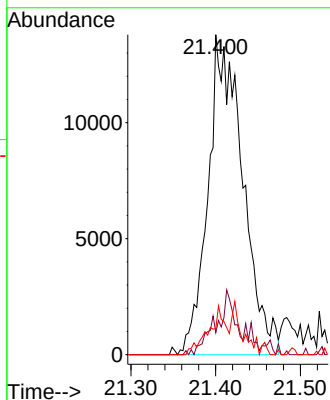
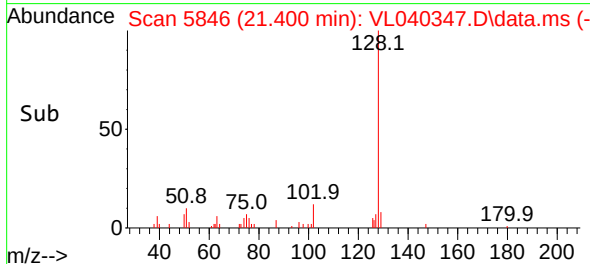
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion:128 Resp: 3931
Ion Ratio Lower Upper
128 100
127 6.9 9.6 14.4
129 8.1 8.6 13.0

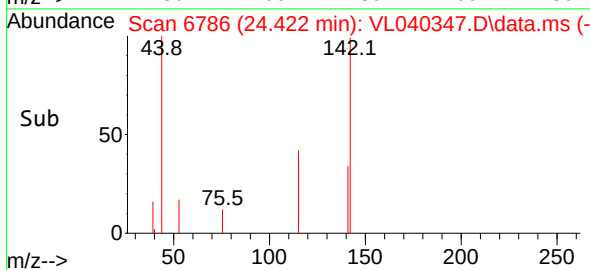
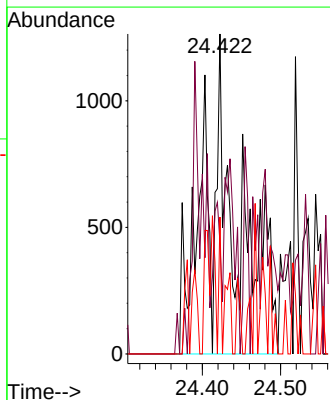
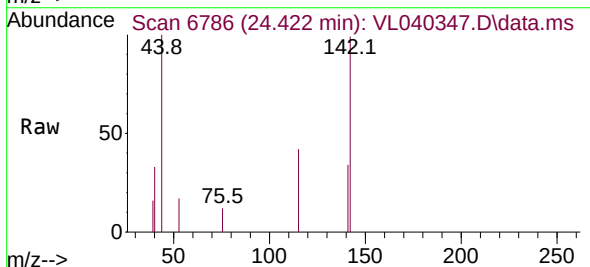
Manual Integrations
APPROVED

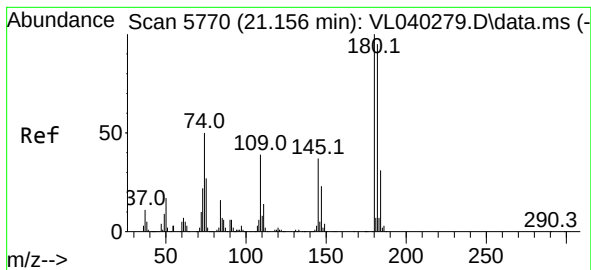
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#80
Naphthalene,2-methyl-
Concen: 0.108 ppbv m
RT: 24.422 min Scan# 6786
Delta R.T. 0.035 min
Lab File: VL040347.D
Acq: 12 Apr 2023 22:03

Tgt Ion:142 Resp: 3552
Ion Ratio Lower Upper
142 100
141 40.5 65.5 98.3#
115 22.1 33.5 50.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.360 ppbv m

RT: 21.165 min Scan# 51

Delta R.T. 0.009 min

Lab File: VL040347.D

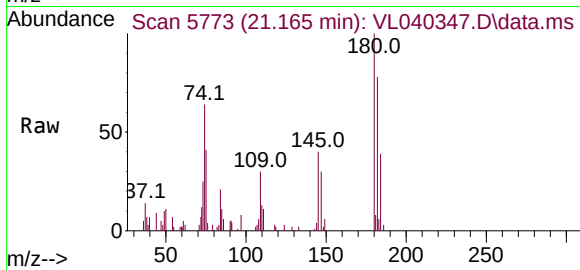
Acq: 12 Apr 2023 22:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023



Tgt Ion:	180	Resp:	2890
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

