

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040329.D
 Acq On : 10 Apr 2023 17:39
 Operator : SY/MD
 Sample : 02213-13 LOD 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

Quant Time: Apr 11 02:08:11 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 : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023

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

Internal Standards						
1) Bromochloromethane	5.163	49	886750	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.626	114	2281772	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2048195	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1772139	10.332	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.700	85	88984	0.511	ppbv	97
3) Chlorodifluoromethane	2.645	51	50695	0.455	ppbv	98
4) Chloromethane	2.787	50	32138	0.467	ppbv	93
5) Vinyl Chloride	2.893	62	24563	0.441	ppbv	95
6) Bromomethane	3.095	94	8451	0.437	ppbv	94
7) Chloroethane	3.169	64	8510	0.398	ppbv	98
8) Dichlorotetrafluoroethane	2.825	85	68476	0.460	ppbv	96
9) Propene	2.664	41	17944	0.420	ppbv	90
10) Heptane	7.561	43	33907m	0.330	ppbv	
11) Trichlorofluoromethane	3.533	101	70475	0.447	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.037	101	50030	0.423	ppbv	95
13) Ethanol	3.237	45	1603m	0.512	ppbv	
14) Bromoethene	3.340	108	17886	0.405	ppbv #	82
15) Acetone	3.455	43	62578	0.580	ppbv #	88
16) 1,3-Butadiene	2.954	39	18534	0.378	ppbv	91
17) tert-Butyl alcohol	3.870	59	47508	0.463	ppbv	99
18) 1,1-Dichloroethene	3.851	96	22444	0.442	ppbv	81
19) Isopropyl Alcohol	3.565	45	24235	0.469	ppbv #	86
20) Methylene Chloride	3.906	84	21230	0.467	ppbv	86
21) Allyl Chloride	3.970	41	26923	0.385	ppbv	87
22) trans-1,2-Dichloroethene	4.420	96	19358	0.374	ppbv #	81
23) Vinyl Acetate	4.603	43	11053m	0.368	ppbv	
24) 1,1-Dichloroethane	4.533	63	46092	0.430	ppbv	96
25) Ethyl Acetate	5.188	43	79526	0.393	ppbv #	97
26) Hexane	5.185	57	30702	0.370	ppbv #	81
27) Carbon Disulfide	4.098	76	39293	0.339	ppbv	98
28) Methyl tert-Butyl Ether	4.565	73	38744	0.407	ppbv	100
29) Chloroform	5.246	83	63631	0.434	ppbv	97
30) Cyclohexane	6.577	84	19211m	0.294	ppbv	
31) cis-1,2-Dichloroethene	5.057	61	31077	0.385	ppbv #	84
32) 1,1,1-Trichloroethane	5.973	97	61926m	0.441	ppbv	
34) 2-Butanone	4.774	43	50694	0.450	ppbv	96
35) Carbon Tetrachloride	6.465	117	63721m	0.445	ppbv	
36) Benzene	6.343	78	63818	0.367	ppbv #	91
37) 1,2-Dichloroethane	5.774	62	51198m	0.452	ppbv	
38) Trichloroethene	7.266	130	35810	0.377	ppbv	94
39) 1,2-Dichloropropane	7.044	63	28016m	0.411	ppbv	
40) 1,4-Dioxane	7.314	88	8980m	0.333	ppbv	
41) Tetrahydrofuran	5.555	42	19808	0.305	ppbv	98
42) Bromodichloromethane	7.224	83	58982	0.381	ppbv	100
43) Methyl Methacrylate	7.458	69	19942	0.309	ppbv	99
44) 2,2,4-Trimethylpentane	7.301	57	101315	0.349	ppbv #	87
45) t-1,3-Dichloropropene	8.690	75	15384m	0.273	ppbv	

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 Misc : 400mL/MSVOA_L
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Instrument :
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 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

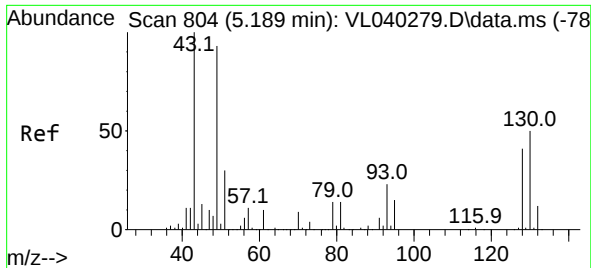
Quant Time: Apr 11 02:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

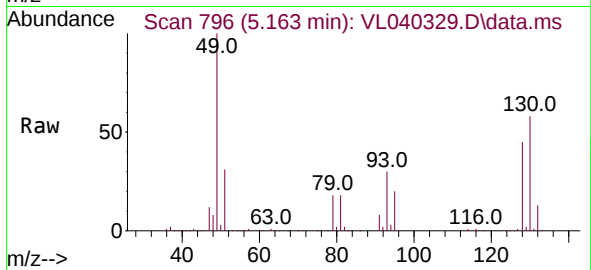
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	23439	0.293	ppbv	97
47) 1,1,2-Trichloroethane	8.870	97	29958m	0.412	ppbv	
48) Dibromochloromethane	9.683	129	42421m	0.354	ppbv	
49) Bromoform	12.388	173	28002m	0.311	ppbv	
50) 4-Methyl-2-Pentanone	8.182	43	58190m	0.334	ppbv	
51) 2-Hexanone	9.552	43	37181m	0.275	ppbv	
52) Tetrachloroethene	10.593	164	20941m	0.398	ppbv	
53) Toluene	9.198	91	53302m	0.293	ppbv	
54) 1,2-Dibromoethane	9.986	107	27983	0.373	ppbv	83
56) 1,1,1,2-Tetrachloroethane	11.490	131	38873m	0.451	ppbv	
57) Chlorobenzene	11.497	112	65232m	0.448	ppbv	
58) Ethyl Benzene	12.069	91	73681m	0.316	ppbv	
59) m/p-Xylene	12.355	91	141658m	0.663	ppbv	
60) o-Xylene	13.037	91	62859	0.308	ppbv	100
61) Styrene	12.873	104	26463m	0.255	ppbv	
62) Isopropylbenzene	14.008	105	109190m	0.375	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.027	83	32427	0.451	ppbv	94
64) n-propylbenzene	14.902	120	25099m	0.353	ppbv	
65) tert-Butylbenzene	16.075	119	86358m	0.345	ppbv	
66) Benzyl Chloride	16.323	91	5954m	0.366	ppbv	
67) sec-Butylbenzene	16.622	105	124453m	0.347	ppbv	
69) p-Isopropyltoluene	16.979	119	88052	0.315	ppbv	95
70) n-Butylbenzene	17.870	91	102818m	0.334	ppbv	
71) 2-Chlorotoluene	14.783	91	71377	0.322	ppbv	96
72) 4-Ethyltoluene	15.175	105	71209m	0.319	ppbv	
73) 1,3,5-Trimethylbenzene	15.330	105	65816m	0.325	ppbv	
74) 1,2,4-Trimethylbenzene	16.092	105	79357	0.344	ppbv	93
75) 1,3-Dichlorobenzene	16.310	146	47315m	0.379	ppbv	
76) 1,4-Dichlorobenzene	16.452	146	46895m	0.394	ppbv	
77) 1,2-Dichlorobenzene	17.127	146	45230m	0.377	ppbv	
78) Hexachloro-1,3-Butadiene	22.619	225	39249m	0.446	ppbv	
79) Naphthalene	21.374	128	35241m	0.258	ppbv	
80) Naphthalene,2-methyl-	24.406	142	7314m	0.212	ppbv	
81) 1,2,4-Trichlorobenzene	21.130	180	25018m	0.298	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. -0.026 min
Lab File: VL040329.D
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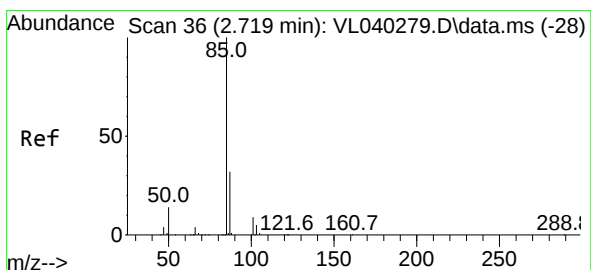
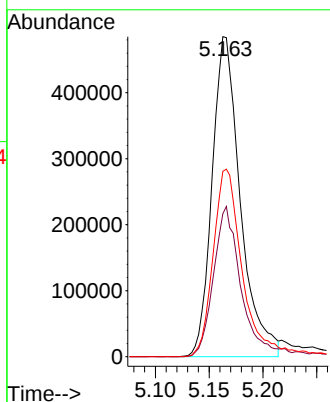
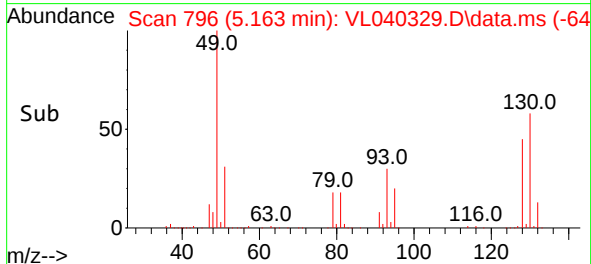
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



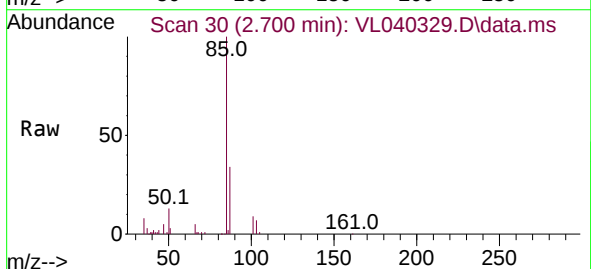
Tgt Ion: 49 Resp: 886750
Ion Ratio Lower Upper
49 100
128 47.6 22.4 67.3
130 63.1 28.7 86.1

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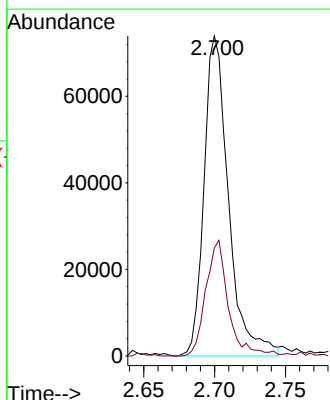
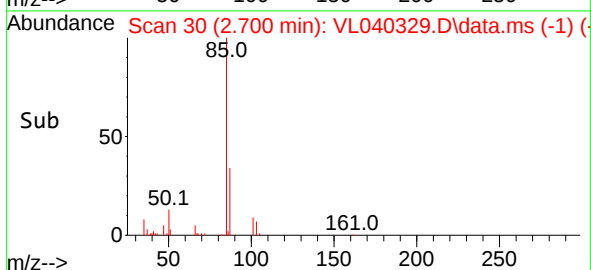
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

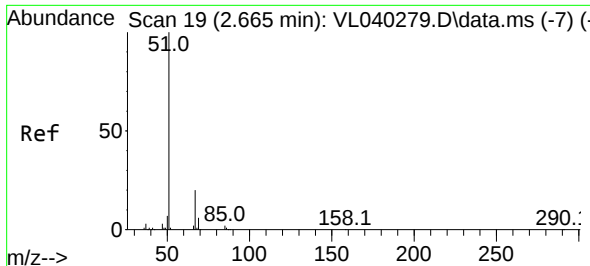


#2
Dichlorodifluoromethane
Concen: 0.511 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39



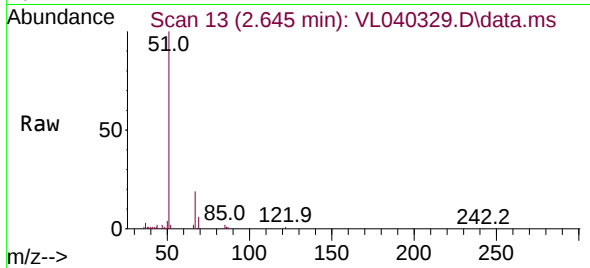
Tgt Ion: 85 Resp: 88984
Ion Ratio Lower Upper
85 100
87 33.7 25.5 38.3





#3
Chlorodifluoromethane
Concen: 0.455 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

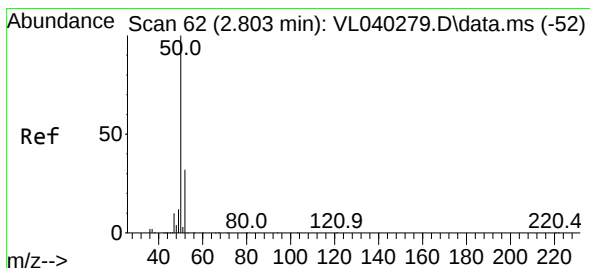
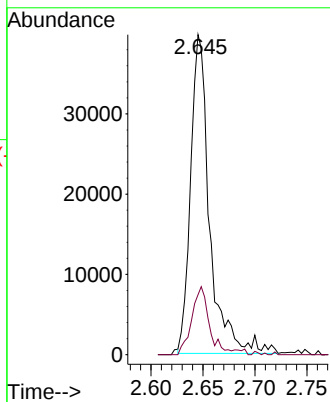
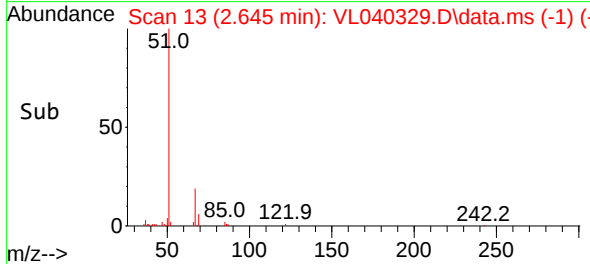
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 51 Resp: 5069
Ion Ratio Lower Upper
51 100
67 20.9 16.0 24.0

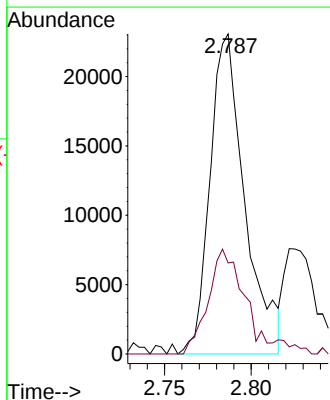
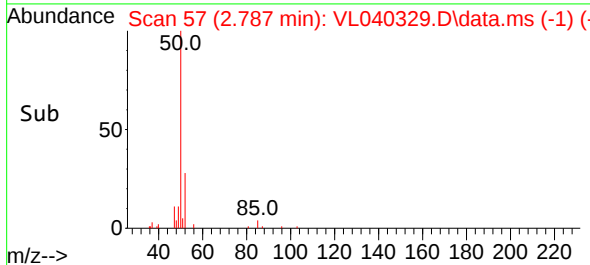
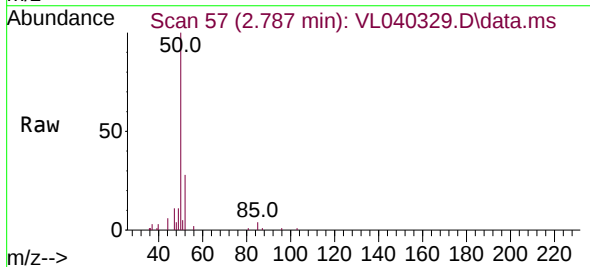
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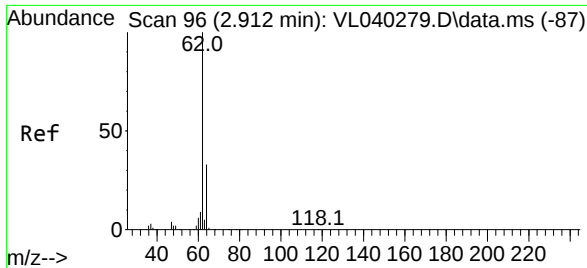
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#4
Chloromethane
Concen: 0.467 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.016 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

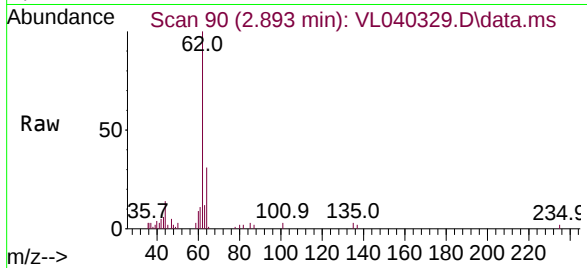
Tgt Ion: 50 Resp: 32138
Ion Ratio Lower Upper
50 100
52 28.4 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.441 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.019 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

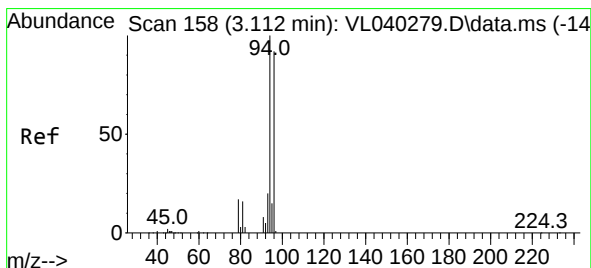
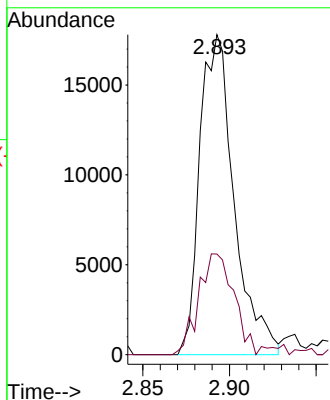
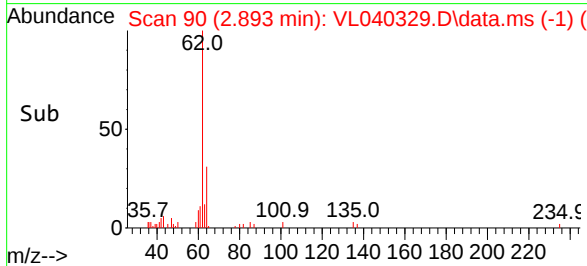
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 62 Resp: 2456
 Ion Ratio Lower Upper
 62 100
 64 30.2 26.4 39.6

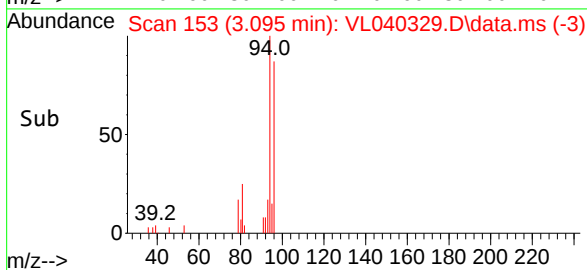
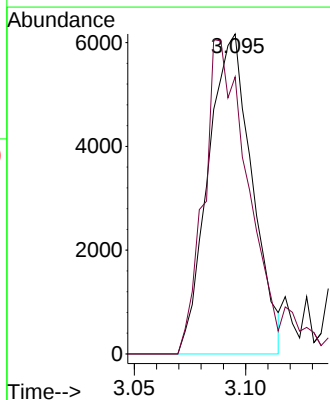
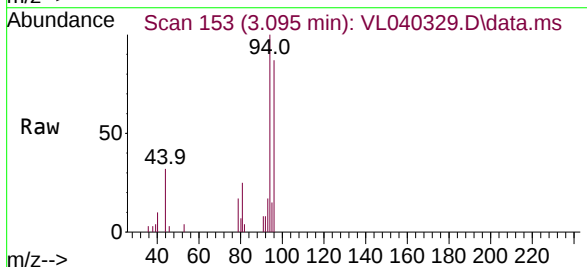
Manual Integrations
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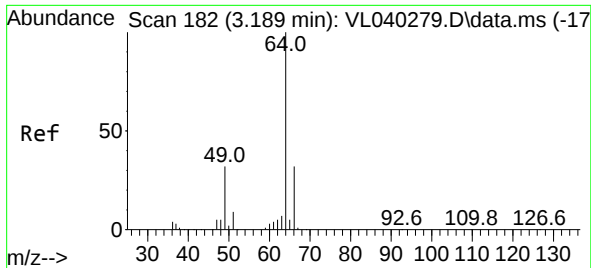
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#6
 Bromomethane
 Concen: 0.437 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. -0.017 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

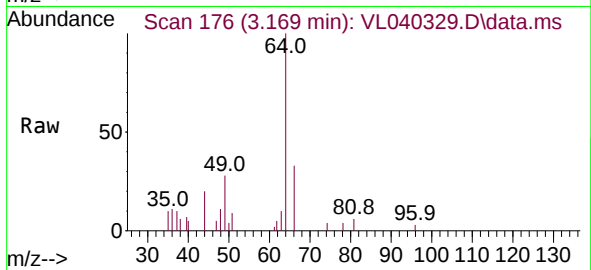
Tgt Ion: 94 Resp: 8451
 Ion Ratio Lower Upper
 94 100
 96 86.6 73.7 110.5





#7
Chloroethane
Concen: 0.398 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

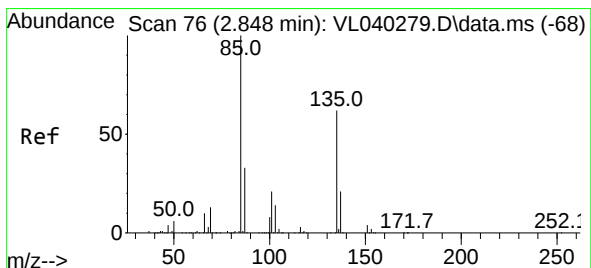
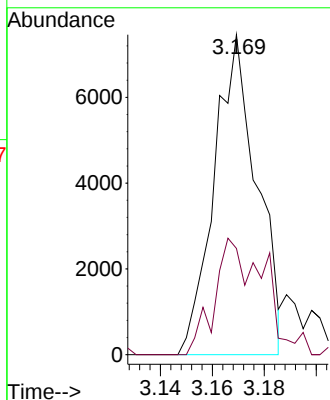
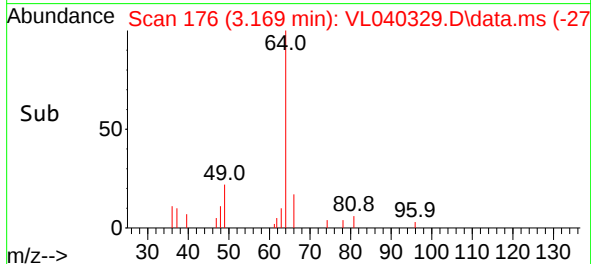
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 64 Resp: 8510
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

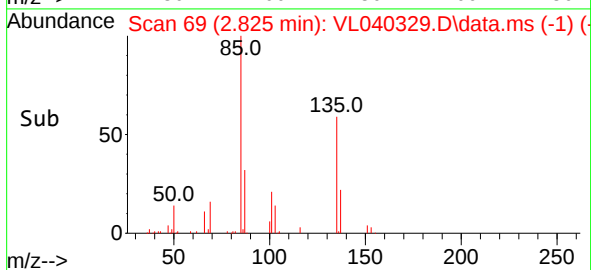
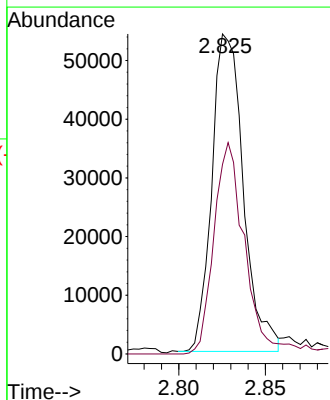
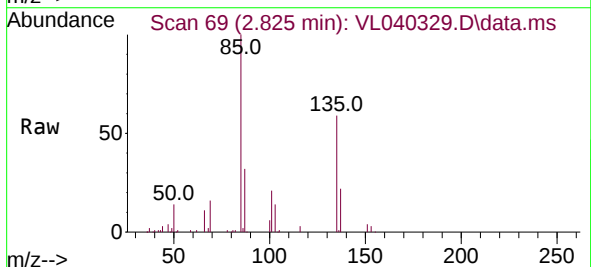
Manual Integrations
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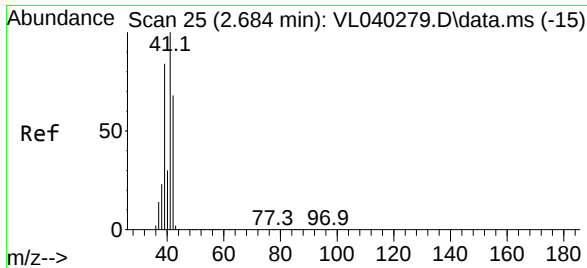
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#8
Dichlorotetrafluoroethane
Concen: 0.460 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.023 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

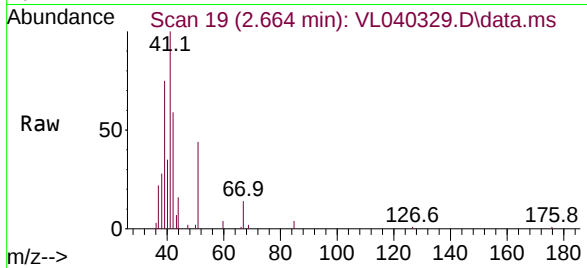
Tgt Ion: 85 Resp: 68476
Ion Ratio Lower Upper
85 100
135 67.8 52.0 78.0





#9
 Propene
 Concen: 0.420 ppbv
 RT: 2.664 min Scan# 19
 Delta R.T. -0.020 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

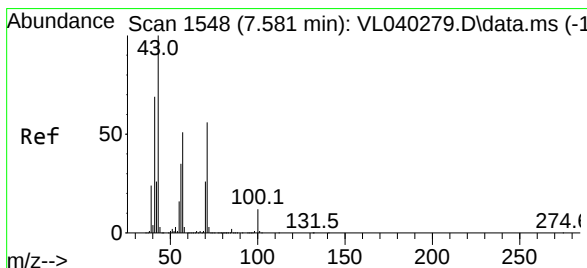
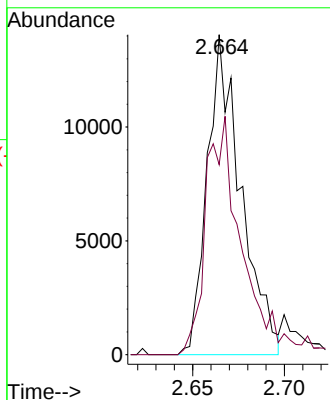
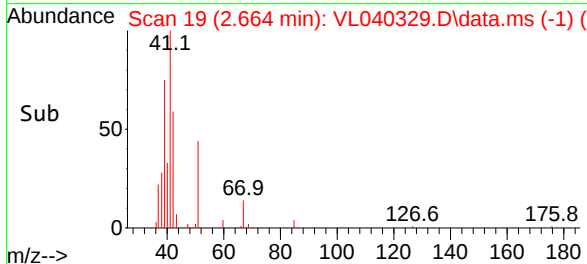
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



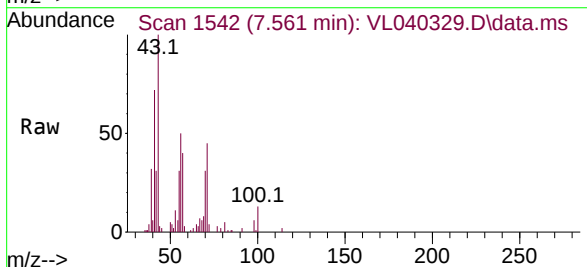
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 Ion Ratio Lower Upper
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 42 82.1 59.0 88.4

Manual Integrations
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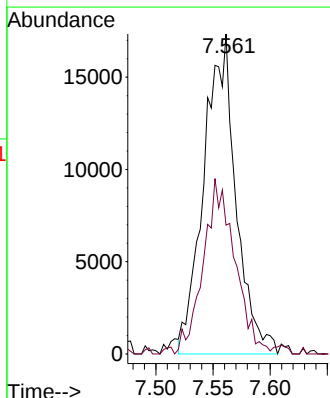
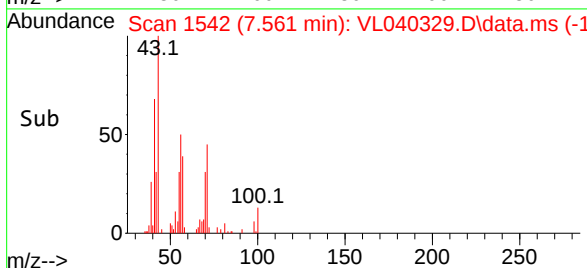
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#10
 Heptane
 Concen: 0.330 ppbv m
 RT: 7.561 min Scan# 1542
 Delta R.T. -0.020 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39



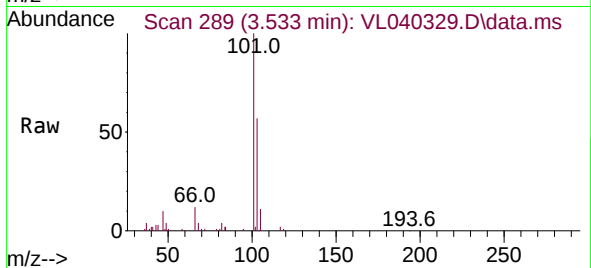
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 Ion Ratio Lower Upper
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 57 55.3 41.7 62.5





#11
Trichlorofluoromethane
Concen: 0.447 ppbv
RT: 3.533 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

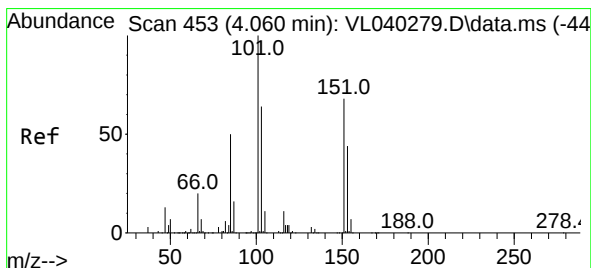
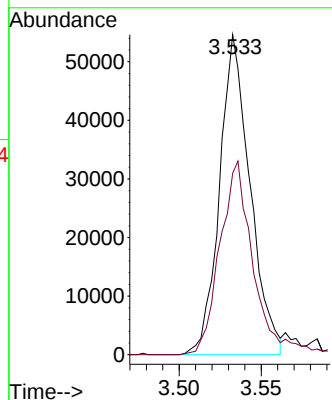
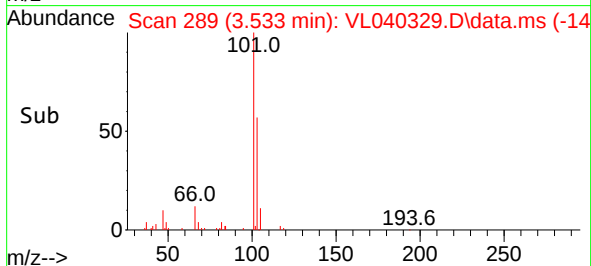
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



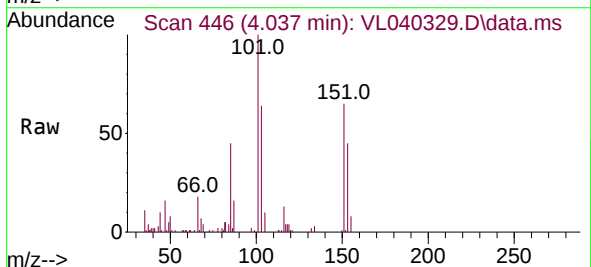
Tgt Ion:101 Resp: 70475
Ion Ratio Lower Upper
101 100
103 56.7 53.1 79.7

Manual Integrations
APPROVED

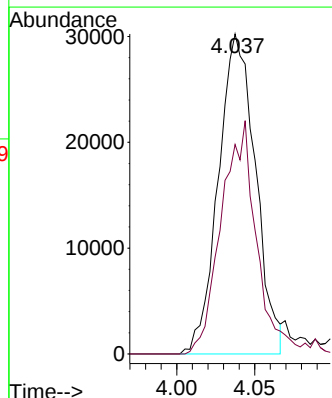
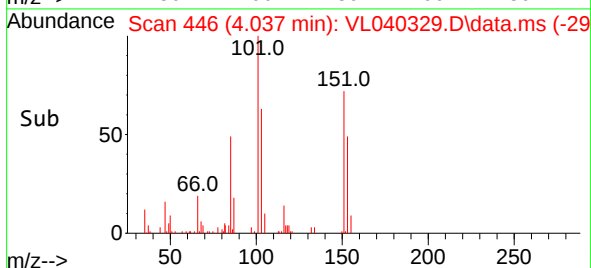
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

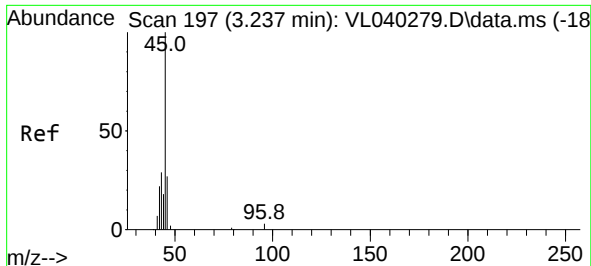


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.423 ppbv
RT: 4.037 min Scan# 446
Delta R.T. -0.023 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39



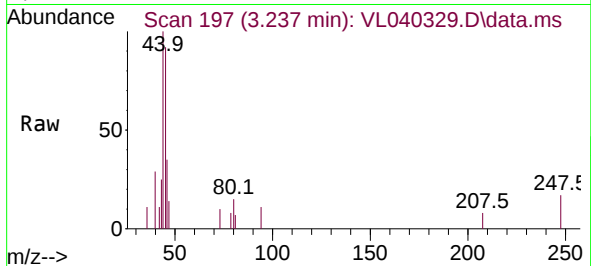
Tgt Ion:101 Resp: 50030
Ion Ratio Lower Upper
101 100
151 70.8 53.2 79.8





#13
Ethanol
Concen: 0.512 ppbv m
RT: 3.237 min Scan# 197
Delta R.T. -0.000 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

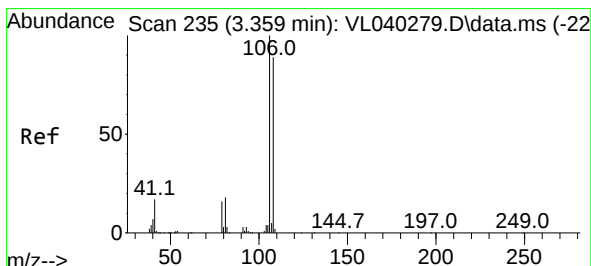
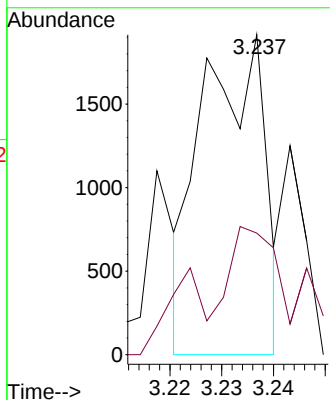
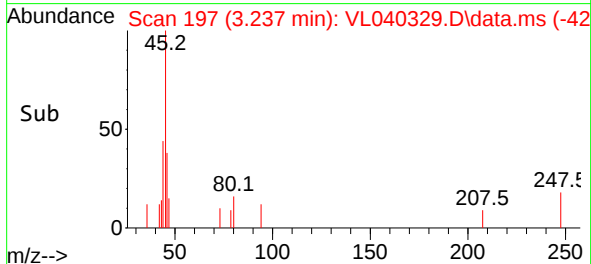
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



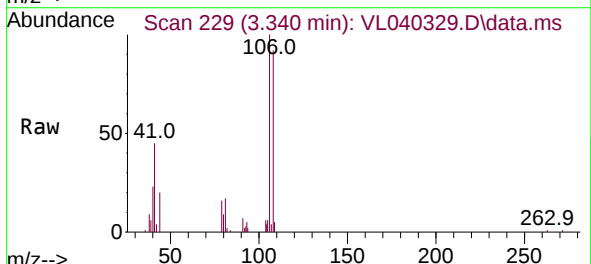
Tgt Ion: 45 Resp: 1600
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.2

Manual Integrations
APPROVED

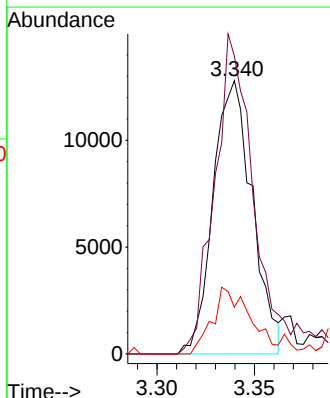
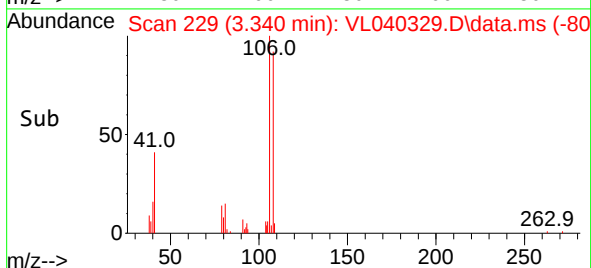
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

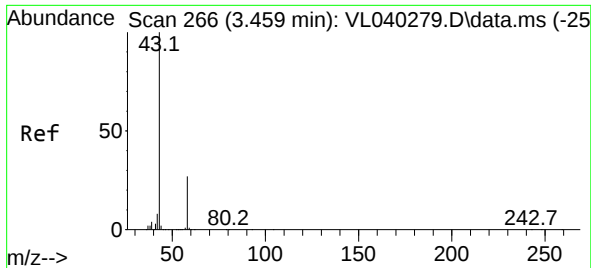


#14
Bromoethene
Concen: 0.405 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.019 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39



Tgt Ion:108 Resp: 17886
Ion Ratio Lower Upper
108 100
106 125.0 85.8 128.8
79 30.2 15.8 23.6





#15

Acetone

Concen: 0.580 ppbv

RT: 3.455 min Scan# 20

Delta R.T. -0.004 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

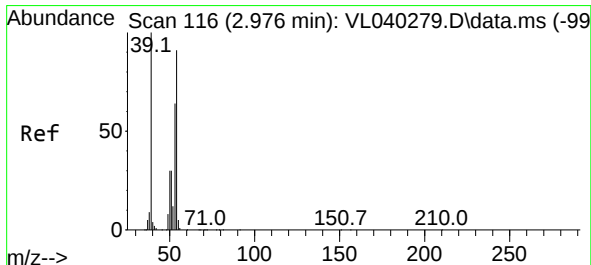
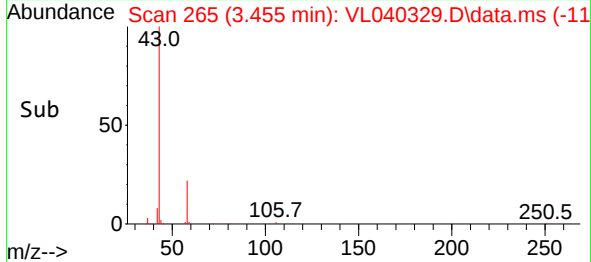
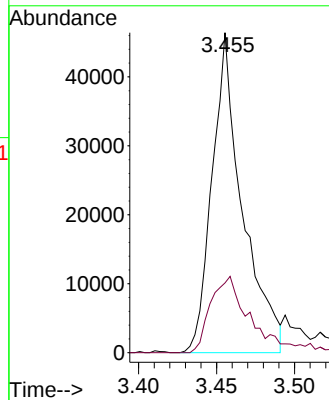
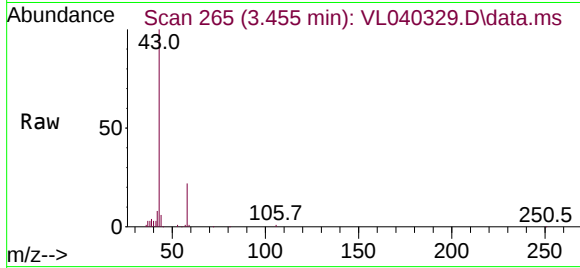
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 43 Resp: 62578
 Ion Ratio Lower Upper
 43 100
 58 33.3 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#16

1,3-Butadiene

Concen: 0.378 ppbv

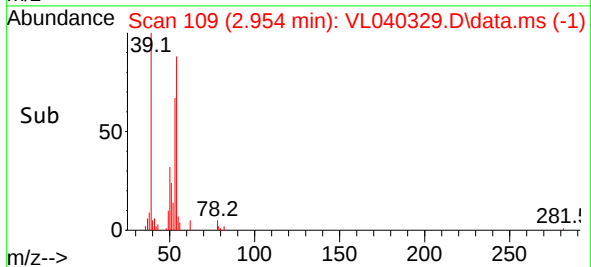
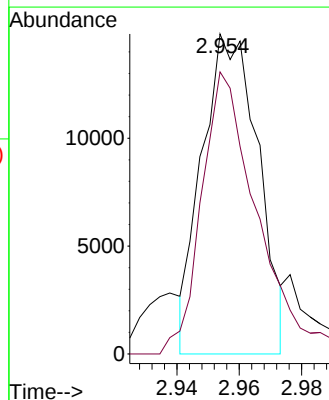
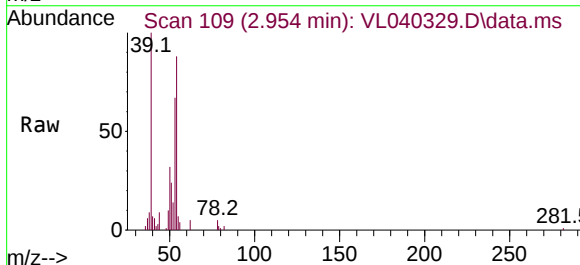
RT: 2.954 min Scan# 109

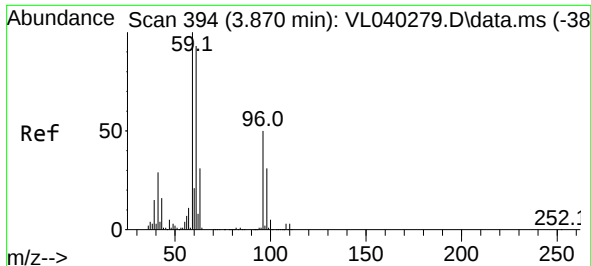
Delta R.T. -0.022 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Tgt Ion: 39 Resp: 18534
 Ion Ratio Lower Upper
 39 100
 54 93.5 68.4 102.6





#17

tert-Butyl alcohol

Concen: 0.463 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040329.D

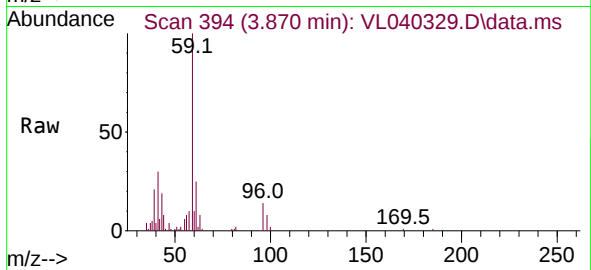
Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 59 Resp: 47508

Ion Ratio Lower Upper

59 100

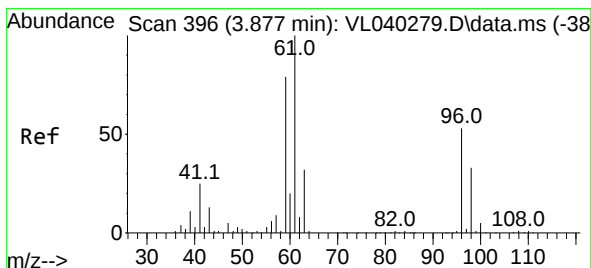
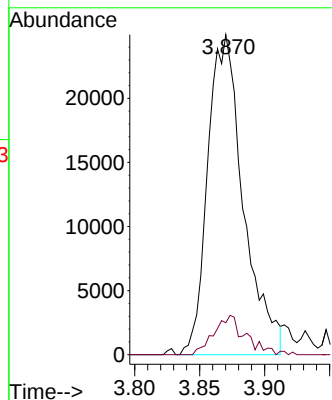
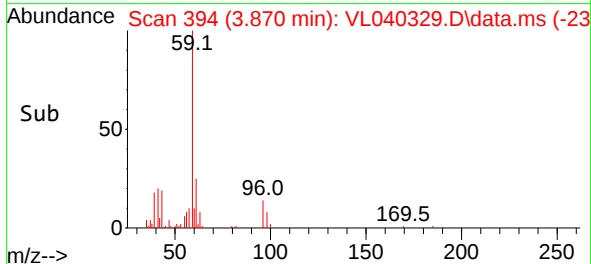
57 11.0 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#18

1,1-Dichloroethene

Concen: 0.442 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.026 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

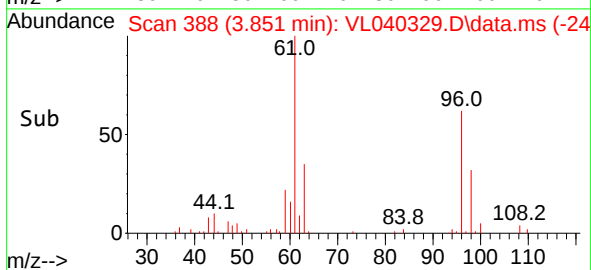
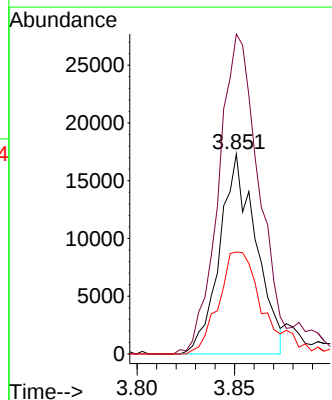
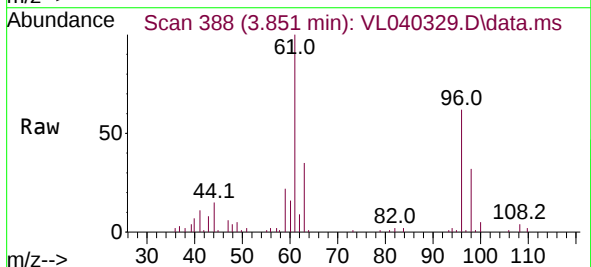
Tgt Ion: 96 Resp: 22444

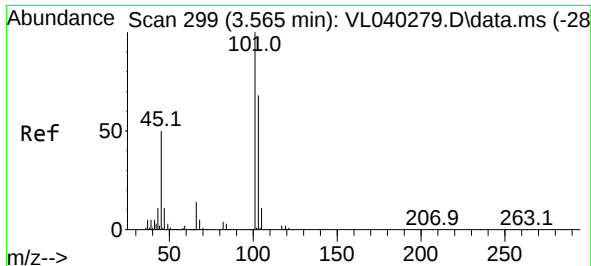
Ion Ratio Lower Upper

96 100

61 157.8 150.6 226.0

98 51.0 50.3 75.5





#19

Isopropyl Alcohol

Concen: 0.469 ppbv

RT: 3.565 min Scan# 2423

Delta R.T. -0.000 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

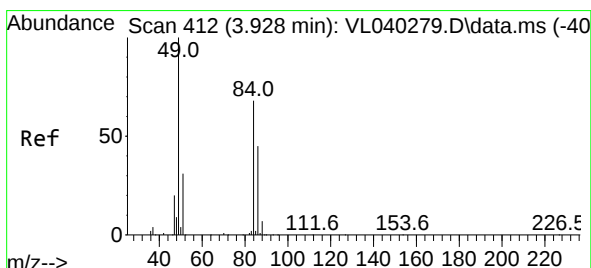
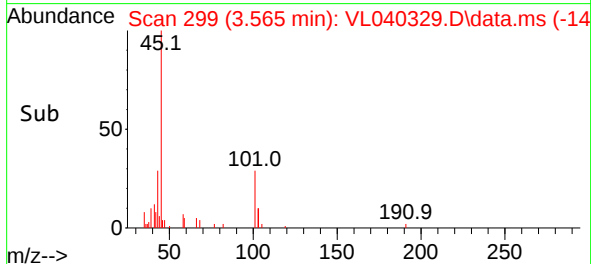
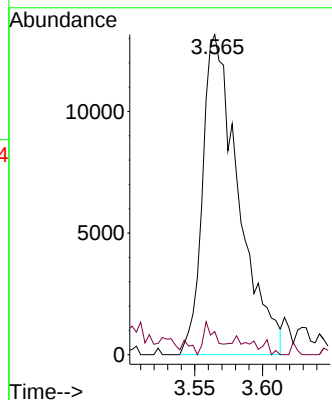
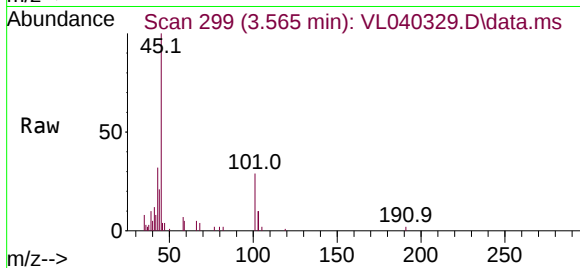
ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 45 Resp: 2423
 Ion Ratio Lower Upper
 45 100
 58 8.0 2.7 4.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#20

Methylene Chloride

Concen: 0.467 ppbv

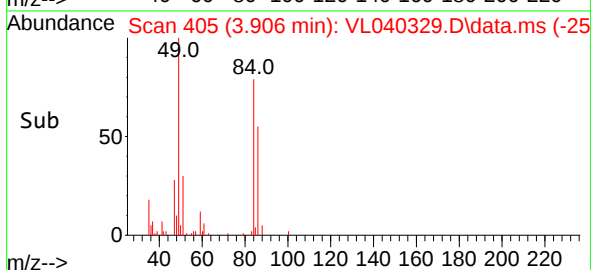
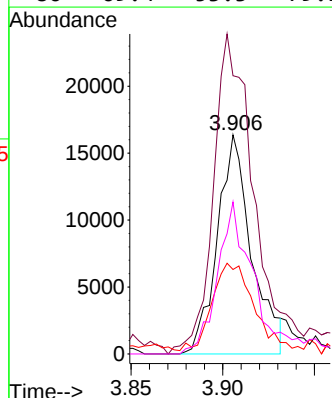
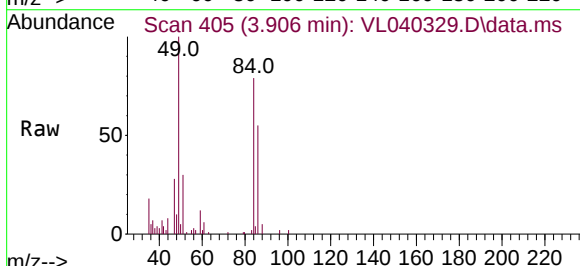
RT: 3.906 min Scan# 405

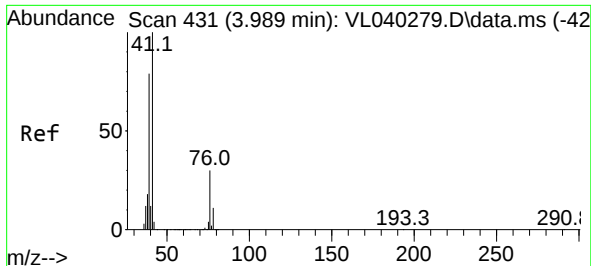
Delta R.T. -0.022 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

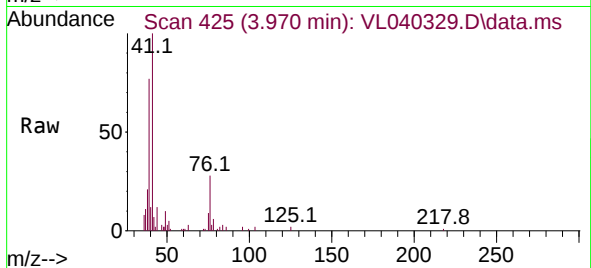
Tgt Ion: 84 Resp: 21230
 Ion Ratio Lower Upper
 84 100
 49 123.4 117.5 176.3
 51 37.0 36.9 55.3
 86 69.4 53.3 79.9





#21
 Allyl Chloride
 Concen: 0.385 ppbv
 RT: 3.970 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

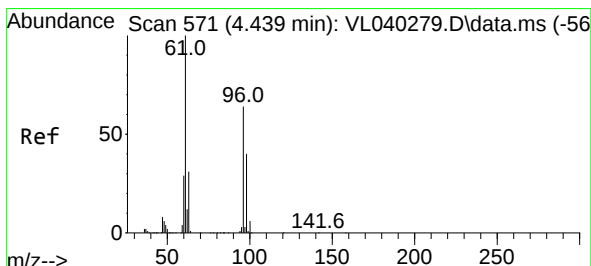
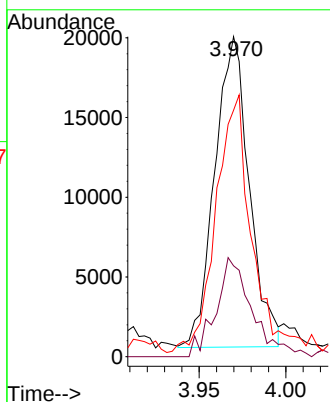
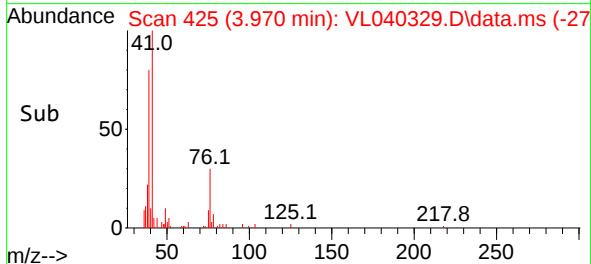
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 41 Resp: 2692
 Ion Ratio Lower Upper
 41 100
 76 34.3 25.4 38.0
 39 96.0 65.4 98.2

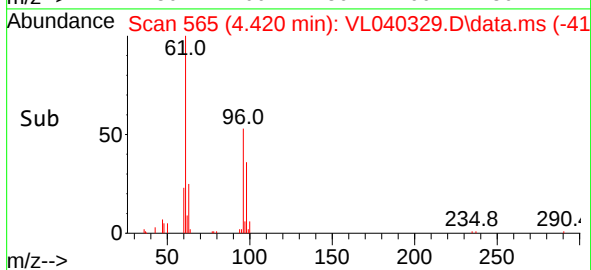
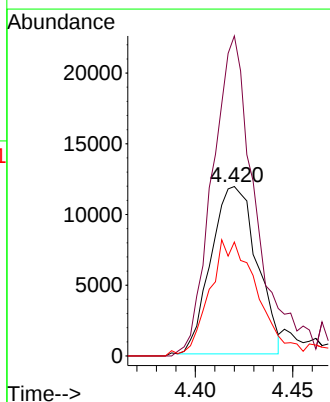
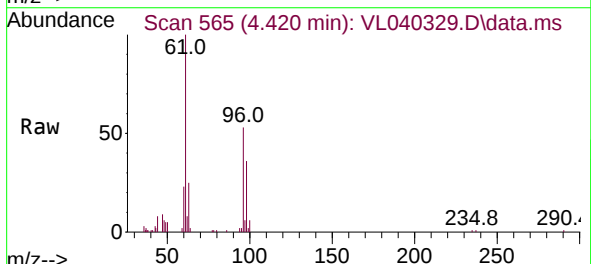
Manual Integrations
 APPROVED

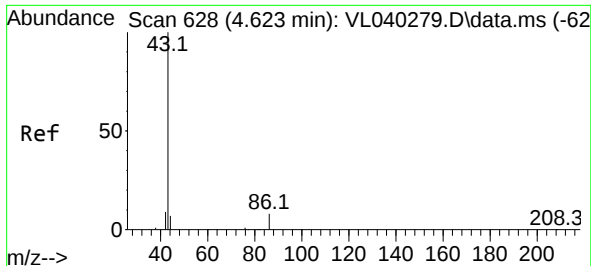
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.374 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. -0.019 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

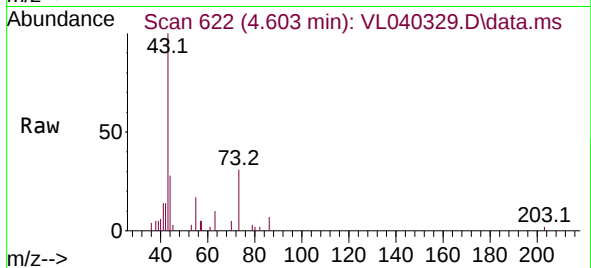
Tgt Ion: 96 Resp: 19358
 Ion Ratio Lower Upper
 96 100
 61 188.3 125.4 188.2#
 98 66.7 49.8 74.6





#23
 Vinyl Acetate
 Concen: 0.368 ppbv m
 RT: 4.603 min Scan# 611
 Delta R.T. -0.020 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

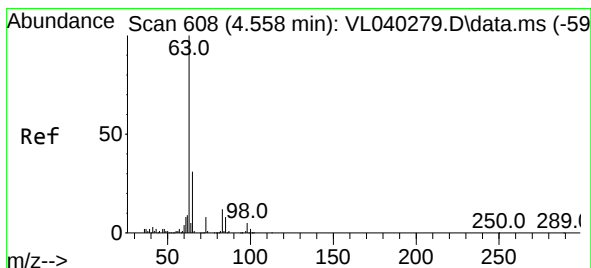
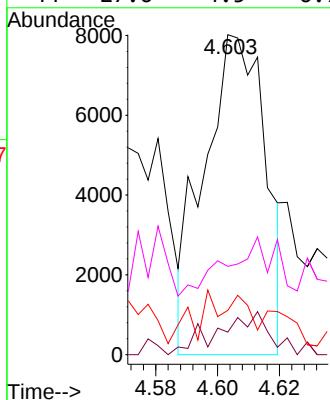
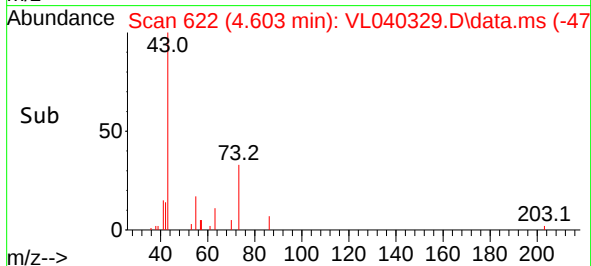
Instrument : MSVOA_1
 ClientSampleId : LOD-MDL-AIR-01-QT2-2023



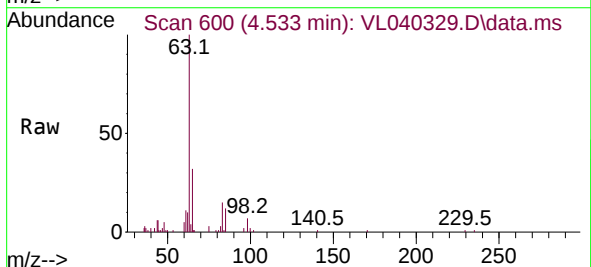
Tgt Ion:	43	Resp:	1105
Ion Ratio	100	Lower	Upper
43	100		
86	7.0	5.0	7.4
42	13.8	9.1	13.7
44	27.6	4.5	6.7

Manual Integrations
 APPROVED

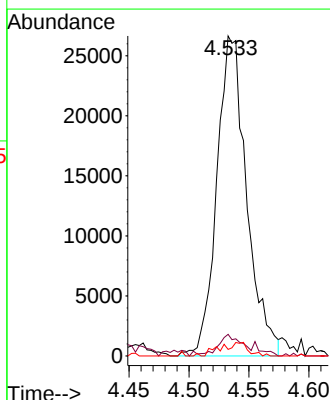
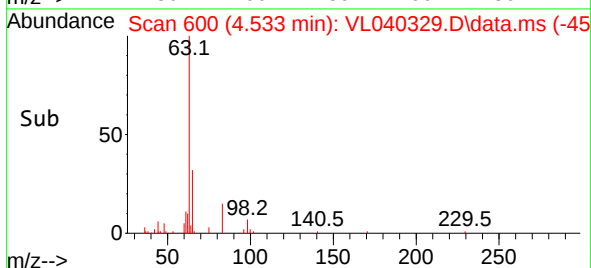
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

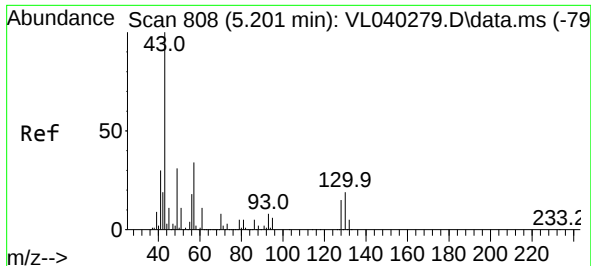


#24
 1,1-Dichloroethane
 Concen: 0.430 ppbv
 RT: 4.533 min Scan# 600
 Delta R.T. -0.025 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39



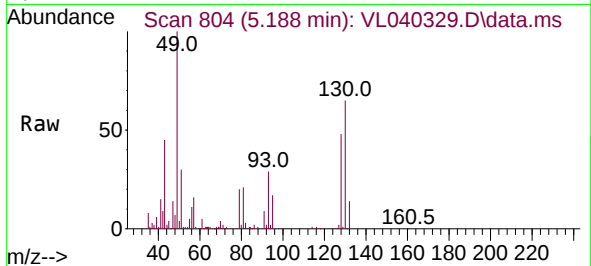
Tgt Ion:	63	Resp:	46092
Ion Ratio	100	Lower	Upper
63	100		
98	6.8	2.4	7.2
100	2.0	1.2	3.6





#25
Ethyl Acetate
Concen: 0.393 ppbv
RT: 5.188 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

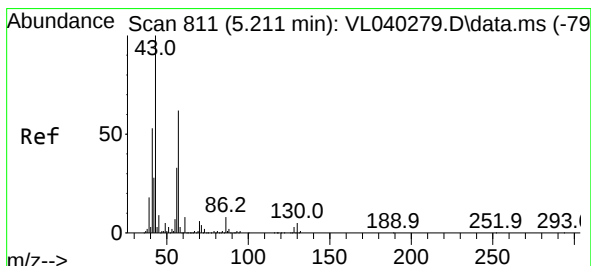
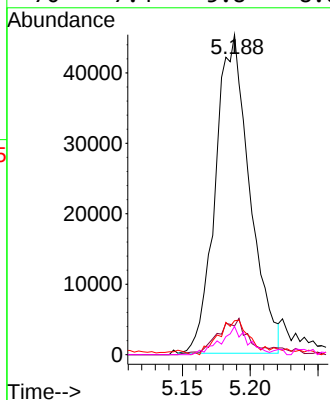
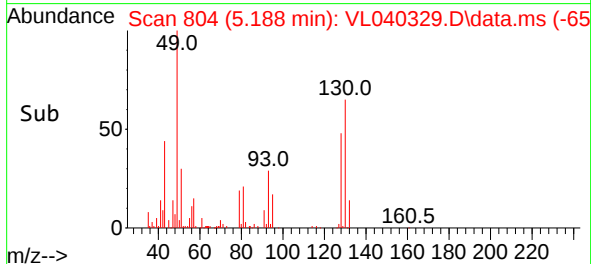
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 43	Resp: 79520
Ion Ratio	Lower Upper
43 100	
45 11.7	8.6 12.8
61 12.7	8.4 12.6
70 7.4	5.8 8.6

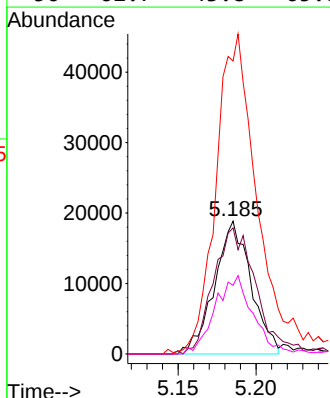
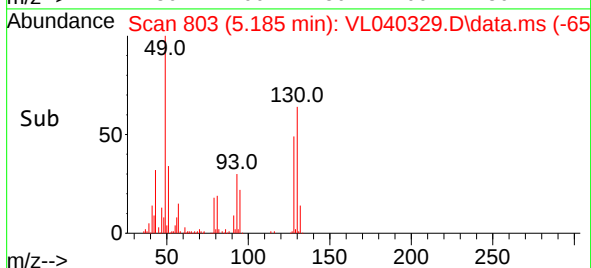
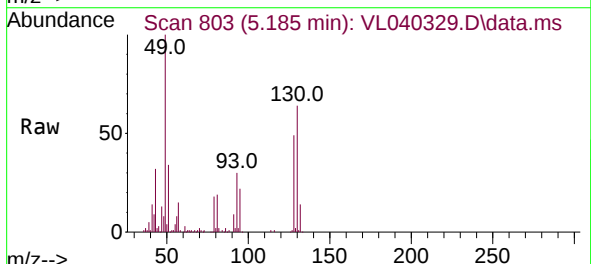
Manual Integrations
APPROVED

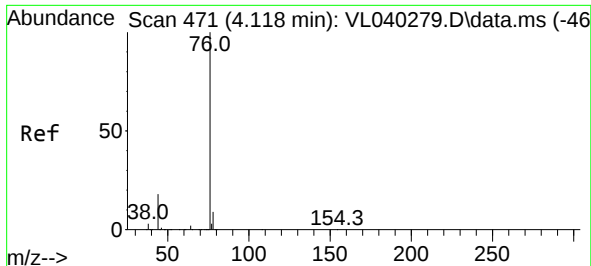
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#26
Hexane
Concen: 0.370 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.026 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

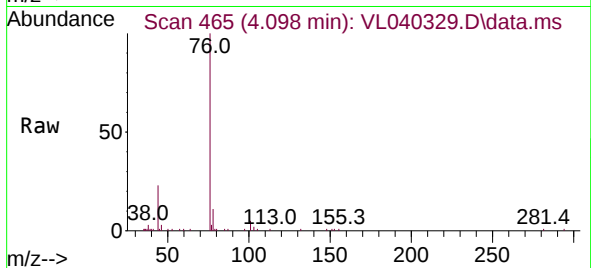
Tgt Ion: 57	Resp: 30702
Ion Ratio	Lower Upper
57 100	
41 112.3	73.5 110.3#
43 278.4	196.3 294.5
56 62.7	43.8 65.8





#27
Carbon Disulfide
Concen: 0.339 ppbv
RT: 4.098 min Scan# 409
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

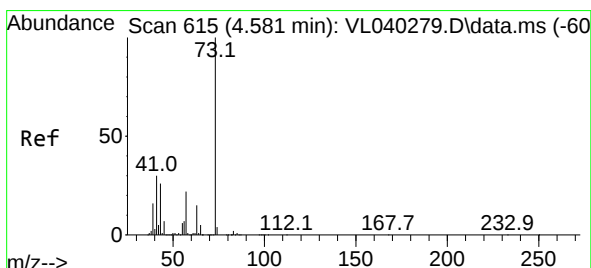
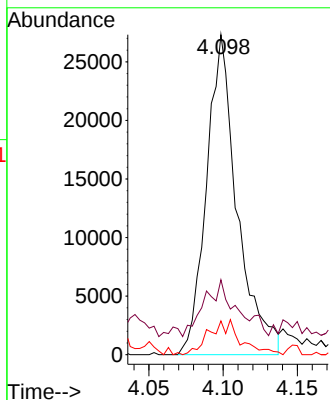
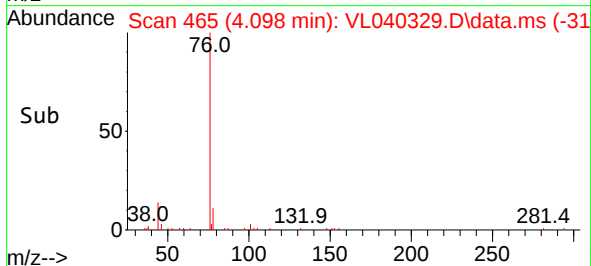
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 76 Resp: 3929
Ion Ratio Lower Upper
76 100
44 19.1 15.2 22.8
78 11.0 7.6 11.4

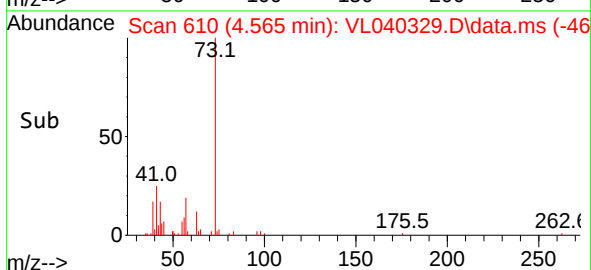
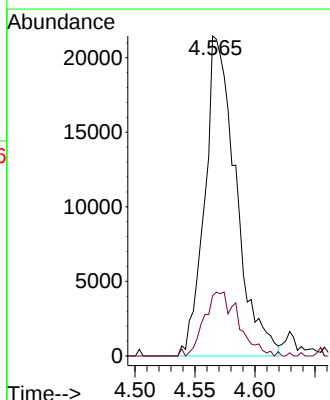
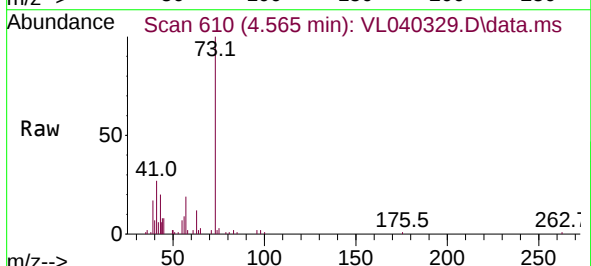
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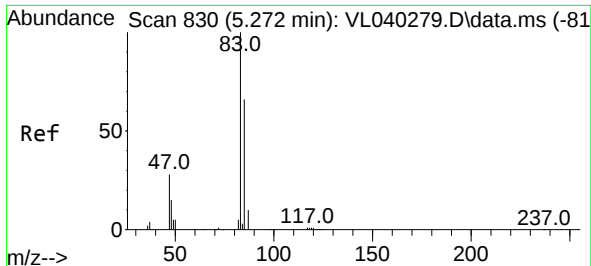
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#28
Methyl tert-Butyl Ether
Concen: 0.407 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.016 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 73 Resp: 38744
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6





#29

Chloroform

Concen: 0.434 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 83 Resp: 6363

Ion Ratio Lower Upper

83 100

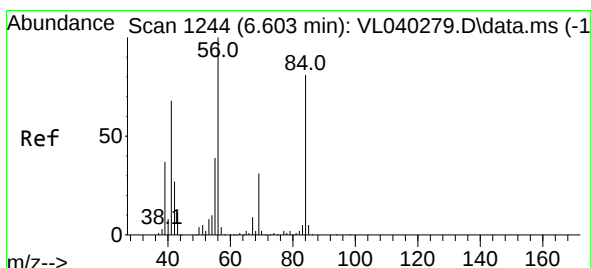
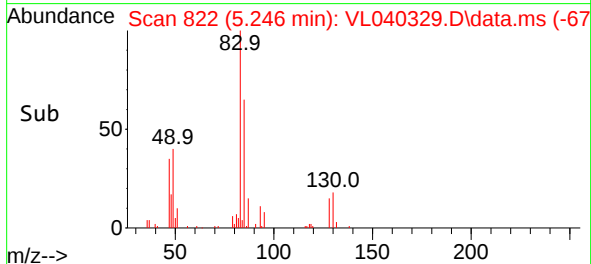
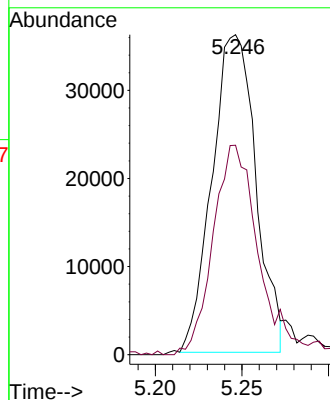
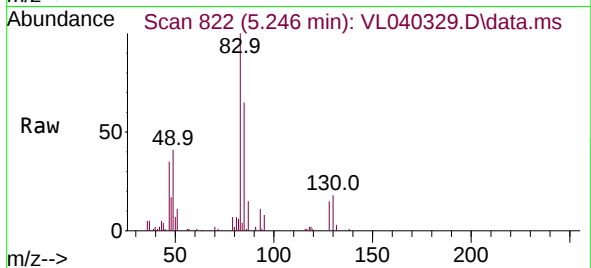
85 63.9 52.8 79.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#30

Cyclohexane

Concen: 0.294 ppbv m

RT: 6.577 min Scan# 1236

Delta R.T. -0.026 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

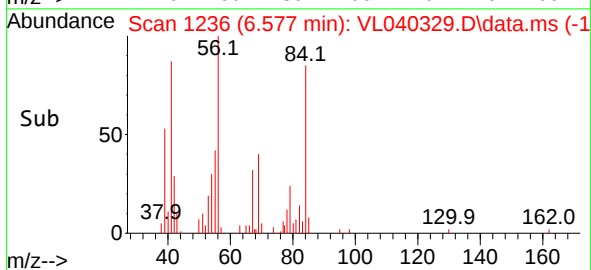
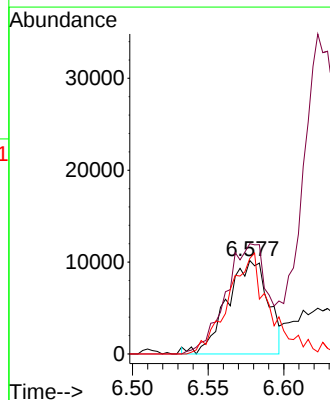
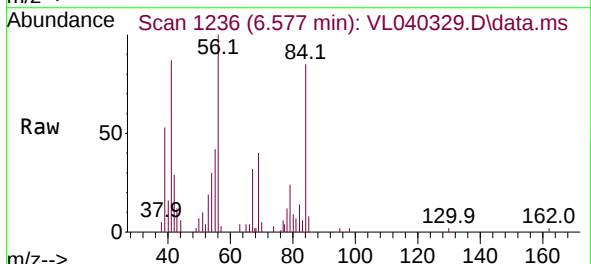
Tgt Ion: 84 Resp: 19211

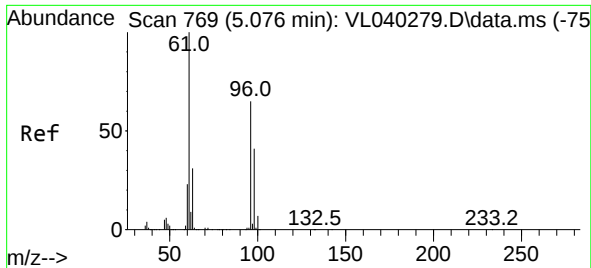
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

41 0.0 67.9 101.9#





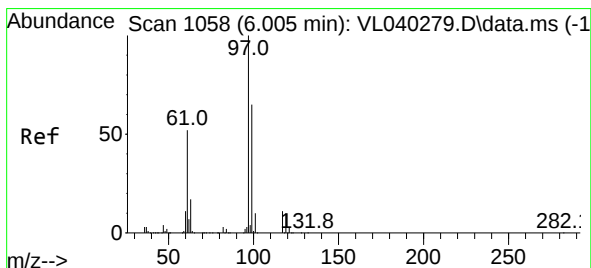
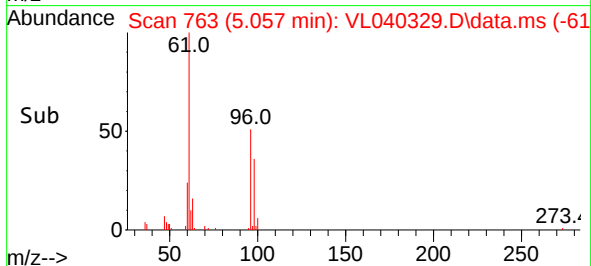
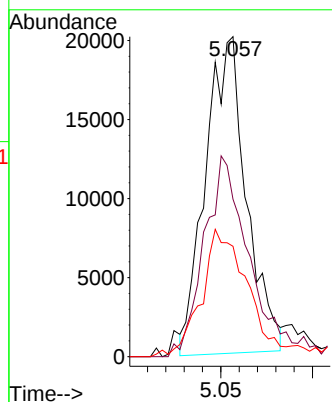
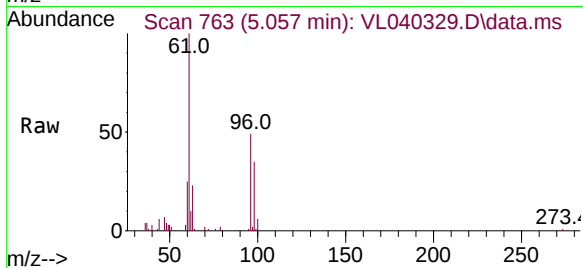
#31
 cis-1,2-Dichloroethene
 Concen: 0.385 ppbv
 RT: 5.057 min Scan# 769
 Delta R.T. -0.019 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 61 Resp: 3107
 Ion Ratio Lower Upper
 61 100
 96 50.5 51.8 77.8
 98 33.6 32.5 48.7

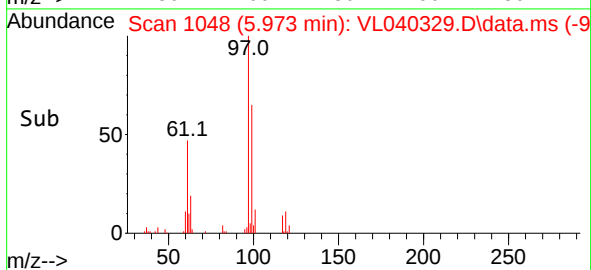
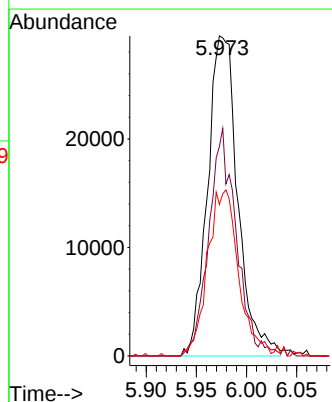
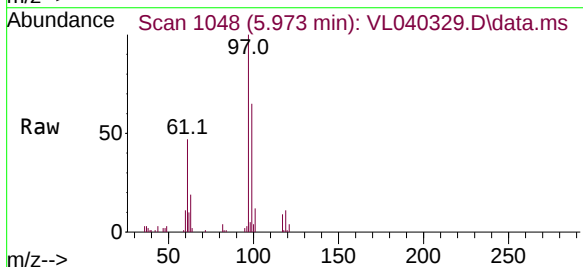
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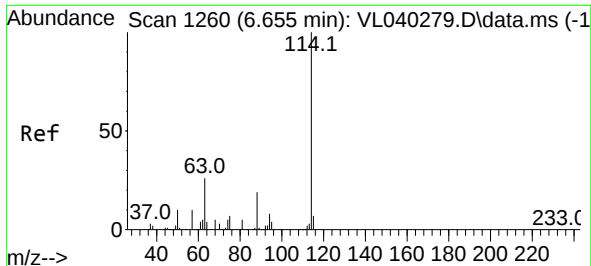
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.441 ppbv m
 RT: 5.973 min Scan# 1048
 Delta R.T. -0.032 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

Tgt Ion: 97 Resp: 61926
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.2 78.2
 61 54.2 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion:114 Resp: 228177

Ion Ratio Lower Upper

114 100

63 26.5 21.2 31.8

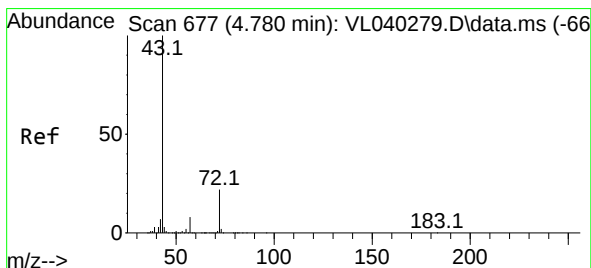
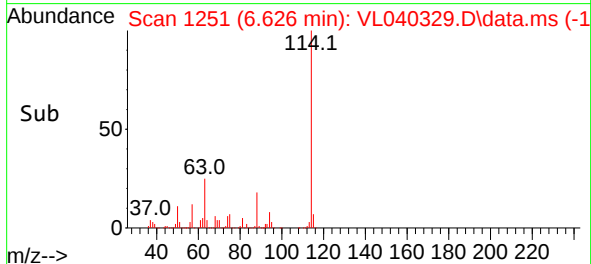
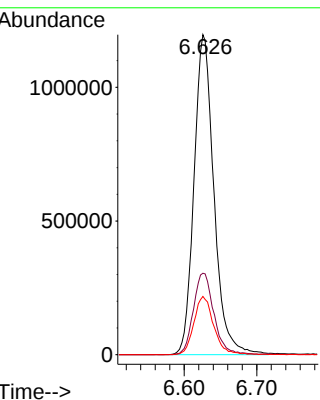
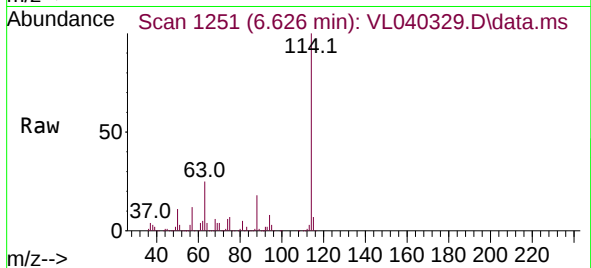
88 18.2 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#34

2-Butanone

Concen: 0.450 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.006 min

Lab File: VL040329.D

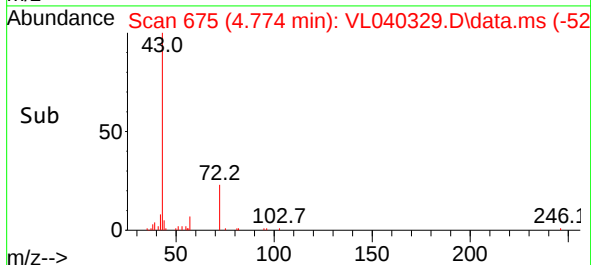
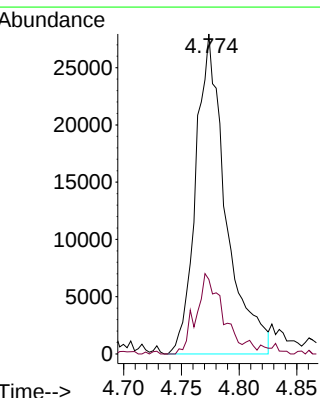
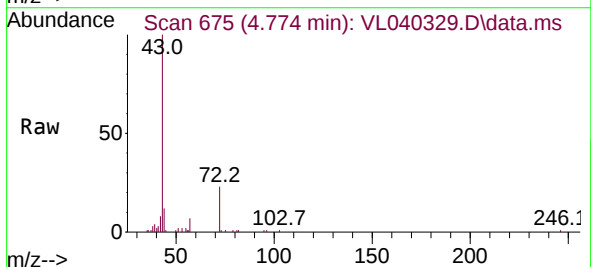
Acq: 10 Apr 2023 17:39

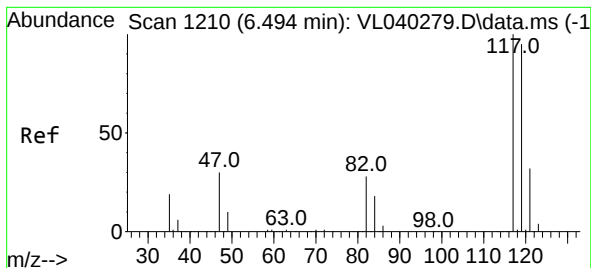
Tgt Ion: 43 Resp: 50694

Ion Ratio Lower Upper

43 100

72 24.9 18.3 27.5





#35

Carbon Tetrachloride

Concen: 0.445 ppbv

RT: 6.465 min Scan# 1163

Delta R.T. -0.029 min

Lab File: VL040329.D

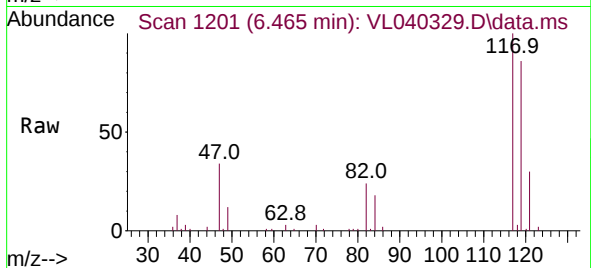
Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



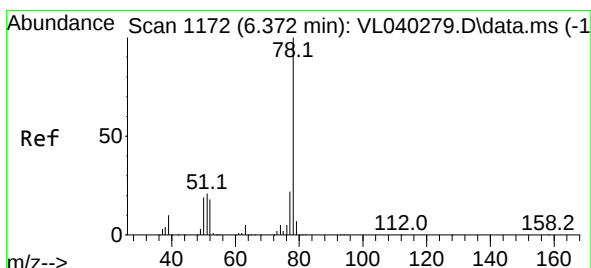
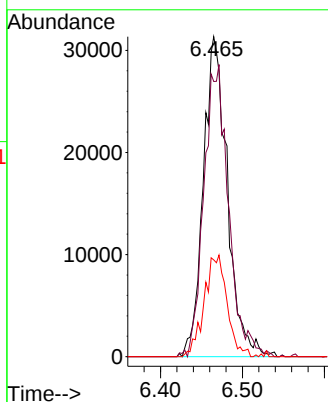
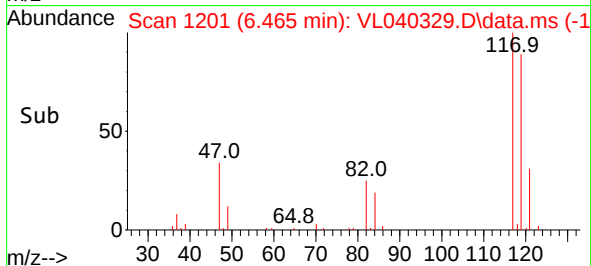
Tgt Ion: 117 Resp: 6372

Ion	Ratio	Lower	Upper
117	100		
119	86.0	76.4	114.6
121	30.3	25.6	38.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#36

Benzene

Concen: 0.367 ppbv

RT: 6.343 min Scan# 1163

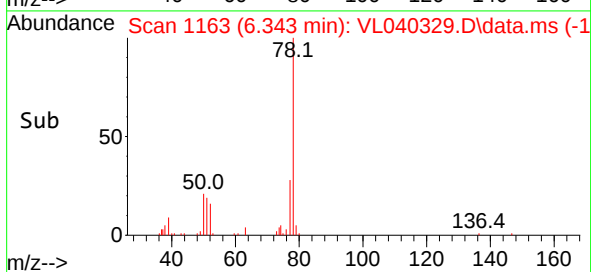
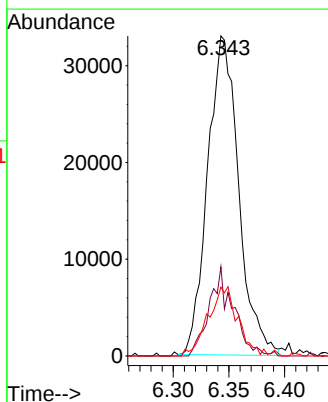
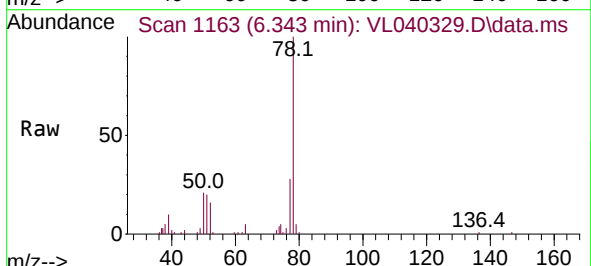
Delta R.T. -0.029 min

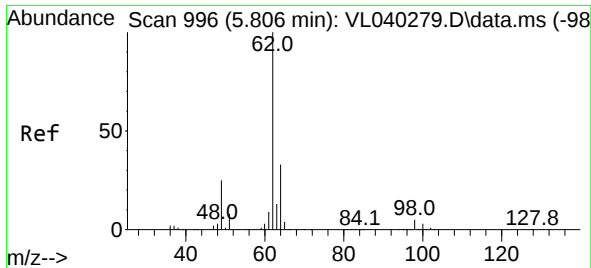
Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Tgt Ion: 78 Resp: 63818

Ion	Ratio	Lower	Upper
78	100		
77	28.0	17.8	26.8
50	21.6	15.4	23.2





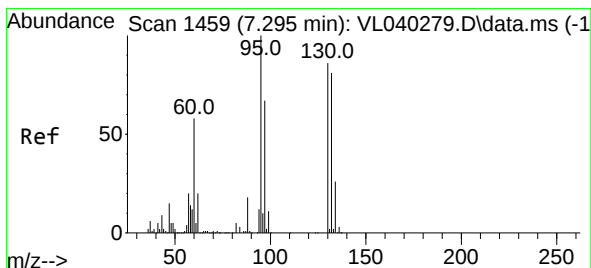
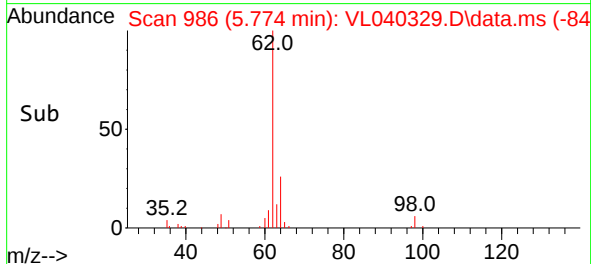
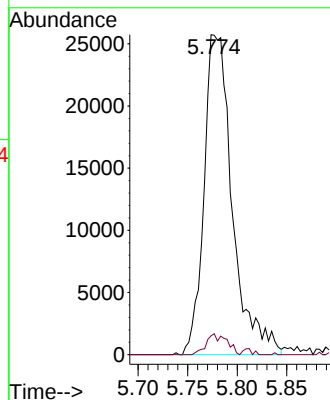
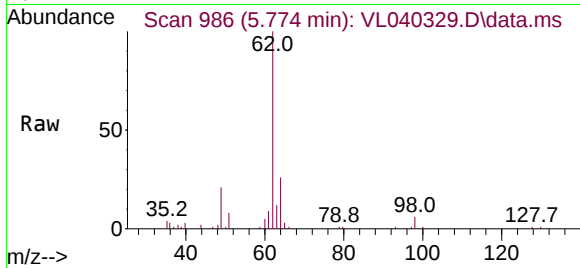
#37
1,2-Dichloroethane
Concen: 0.452 ppbv m
RT: 5.774 min Scan# 986
Delta R.T. -0.032 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 62 Resp: 51198
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5

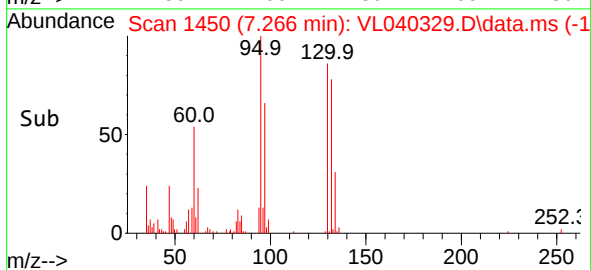
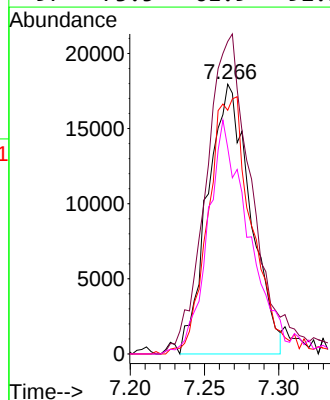
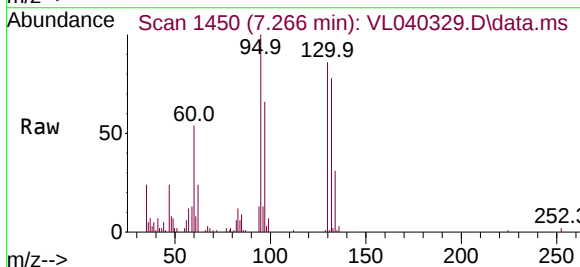
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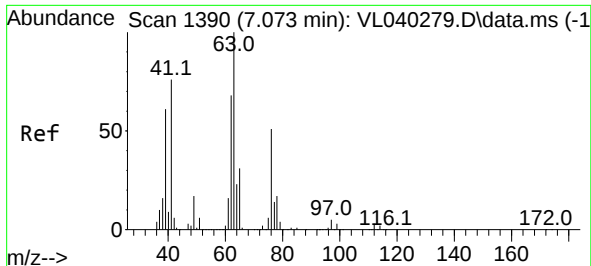
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#38
Trichloroethene
Concen: 0.377 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:130 Resp: 35810
Ion Ratio Lower Upper
130 100
95 107.4 93.0 139.4
132 90.7 75.3 112.9
97 73.5 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.411 ppbv m

RT: 7.044 min Scan# 1390

Delta R.T. -0.029 min

Lab File: VL040329.D

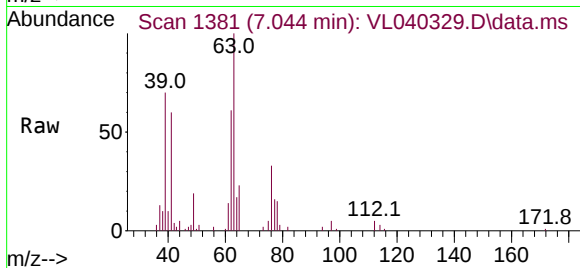
Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



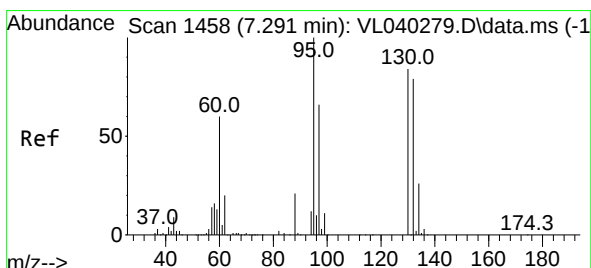
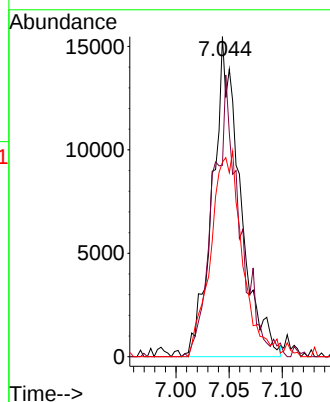
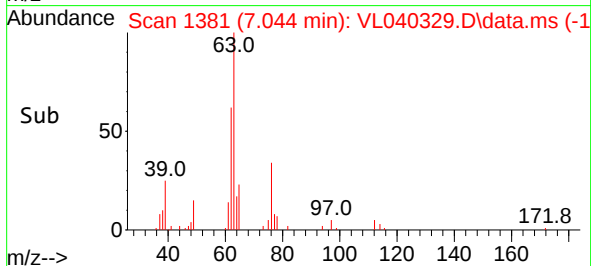
Tgt Ion:	63	Resp:	28010
Ion	Ratio	Lower	Upper
63	100		
41	59.8	60.8	91.2
62	60.8	54.1	81.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#40

1,4-Dioxane

Concen: 0.333 ppbv m

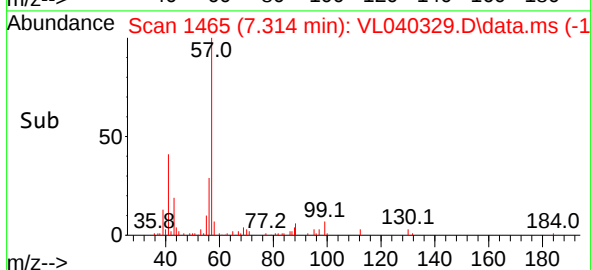
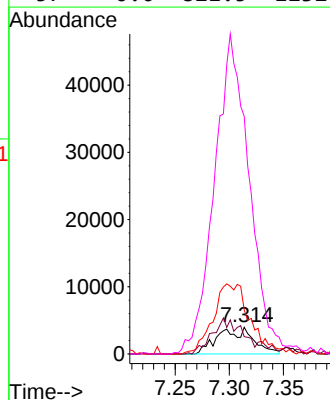
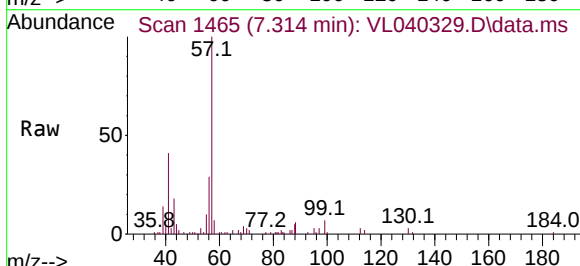
RT: 7.314 min Scan# 1465

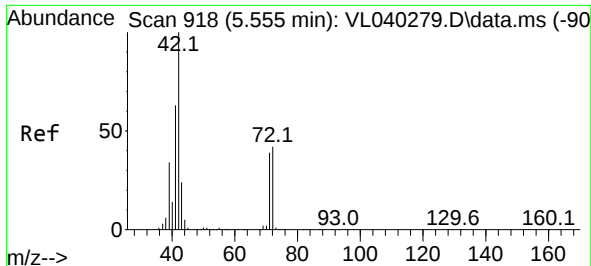
Delta R.T. 0.023 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Tgt Ion:	88	Resp:	8980
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#





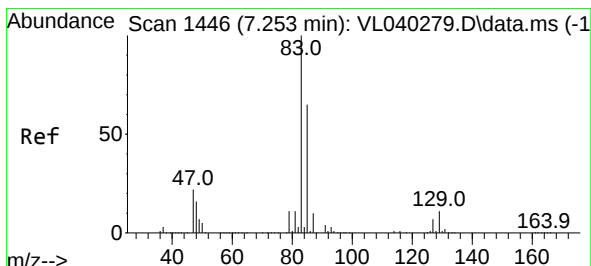
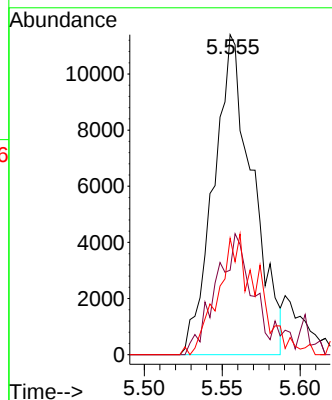
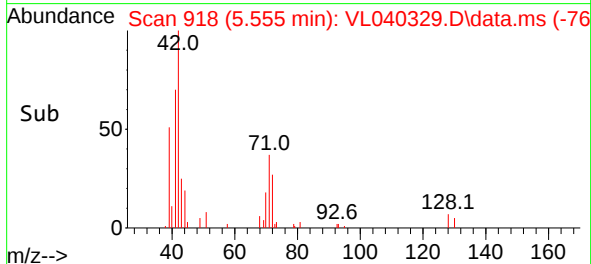
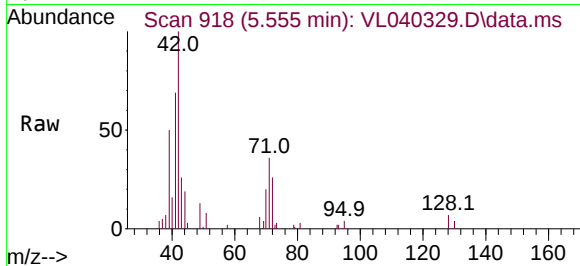
#41
Tetrahydrofuran
Concen: 0.305 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 42 Resp: 1980
Ion Ratio Lower Upper
42 100
72 42.6 32.6 49.0
71 39.5 31.0 46.4

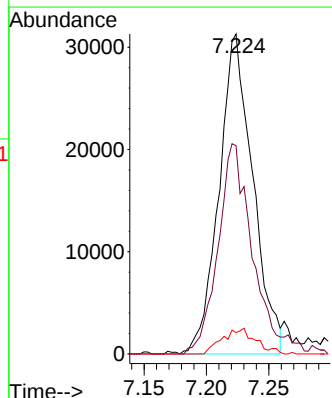
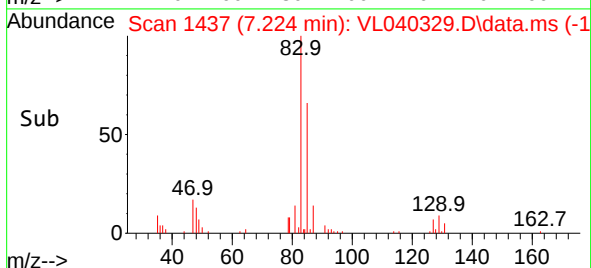
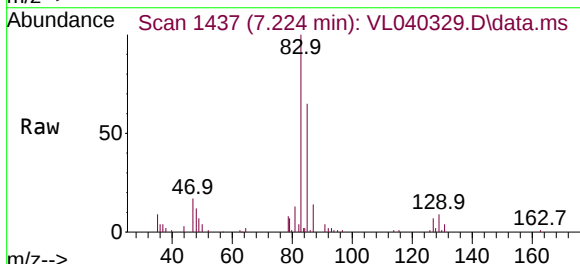
Manual Integrations
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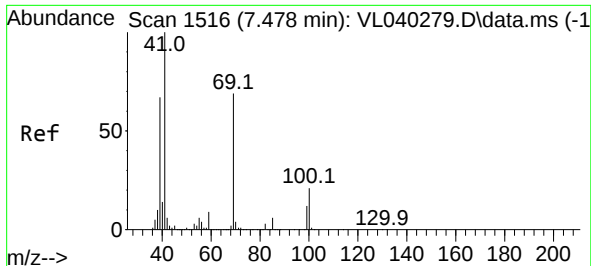
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#42
Bromodichloromethane
Concen: 0.381 ppbv
RT: 7.224 min Scan# 1437
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

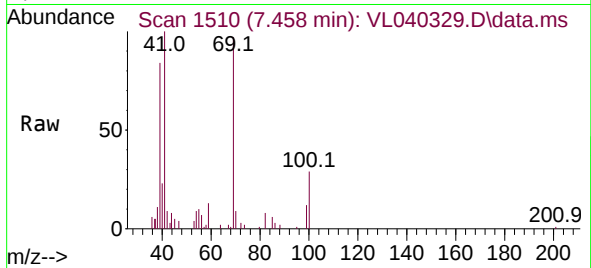
Tgt Ion: 83 Resp: 58982
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 6.7 5.8 8.6





#43
Methyl Methacrylate
Concen: 0.309 ppbv
RT: 7.458 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

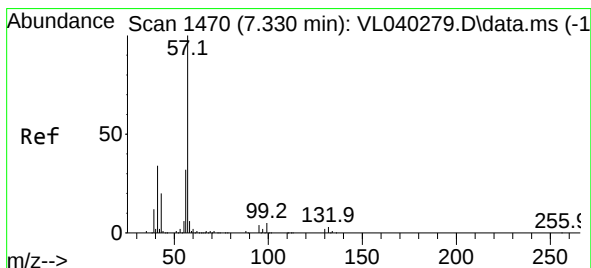
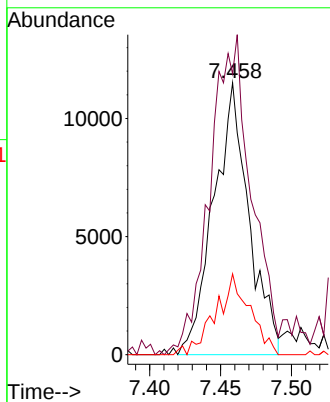
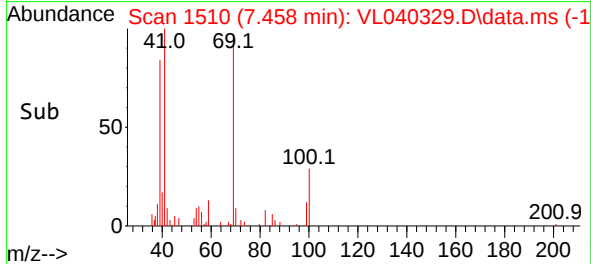
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



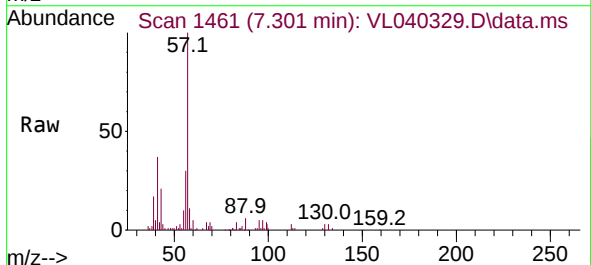
Tgt Ion: 69 Resp: 1994
Ion Ratio Lower Upper
69 100
41 144.7 116.9 175.3
100 28.8 24.2 36.4

Manual Integrations
APPROVED

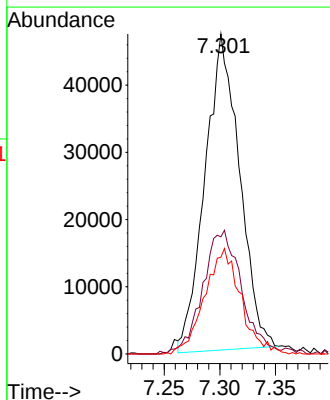
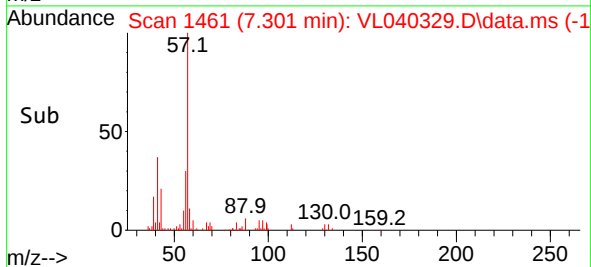
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

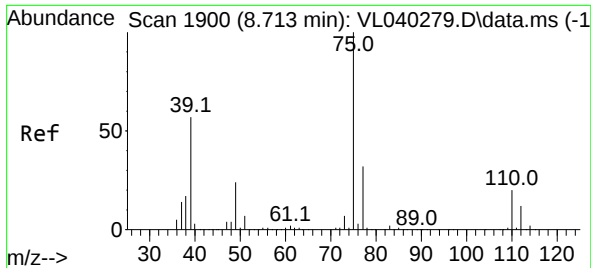


#44
2,2,4-Trimethylpentane
Concen: 0.349 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39



Tgt Ion: 57 Resp: 101315
Ion Ratio Lower Upper
57 100
41 44.6 26.8 40.2#
56 35.0 25.0 37.6





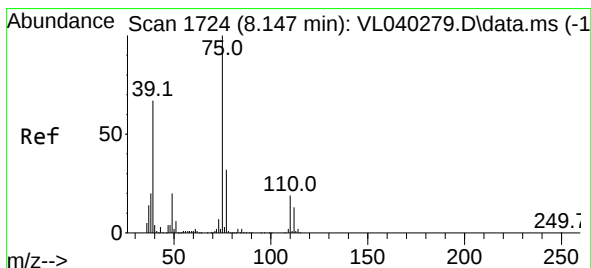
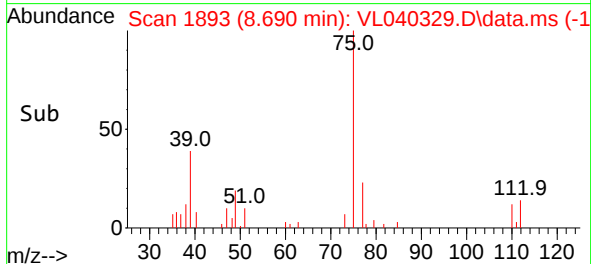
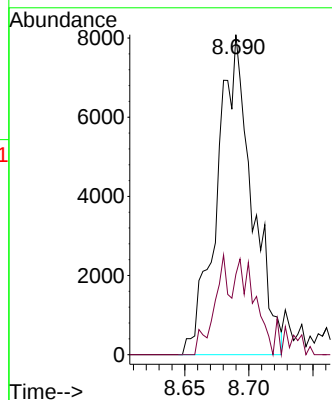
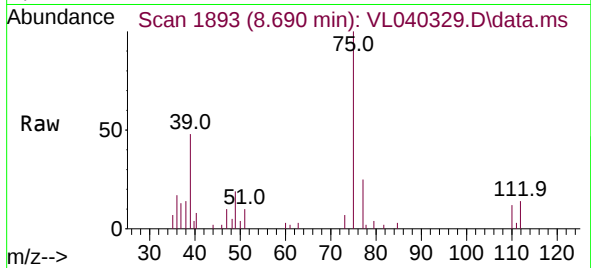
#45
t-1,3-Dichloropropene
Concen: 0.273 ppbv
RT: 8.690 min Scan# 1716
Delta R.T. -0.023 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 75 Resp: 15384
Ion Ratio Lower Upper
75 100
77 25.1 25.4 38.0

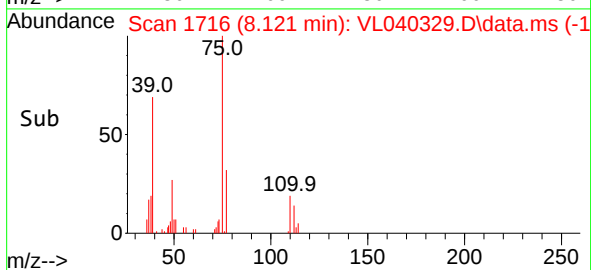
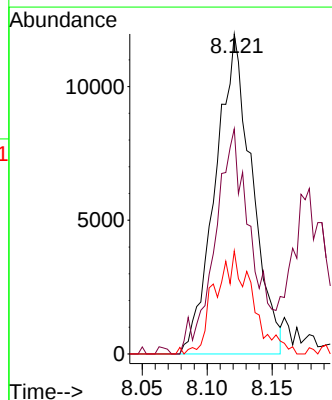
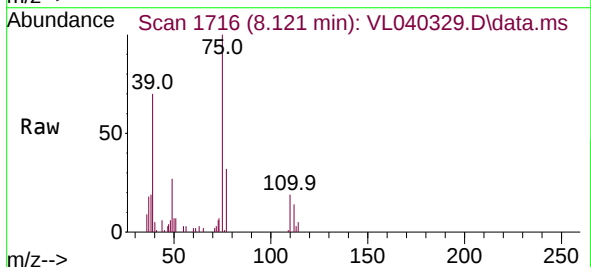
Manual Integrations
APPROVED

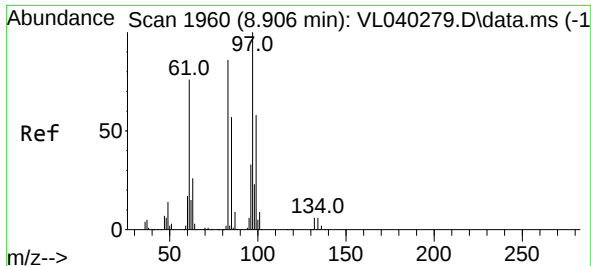
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#46
cis-1,3-Dichloropropene
Concen: 0.293 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. -0.026 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

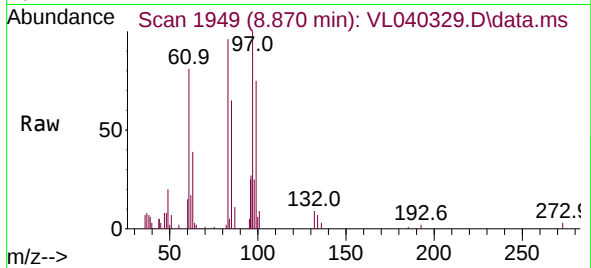
Tgt Ion: 75 Resp: 23439
Ion Ratio Lower Upper
75 100
39 70.4 53.9 80.9
77 30.2 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 0.412 ppbv m
RT: 8.870 min Scan# 1960
Delta R.T. -0.036 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

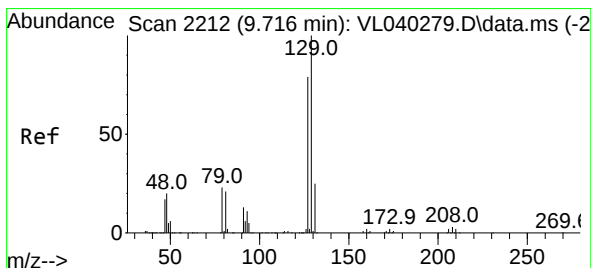
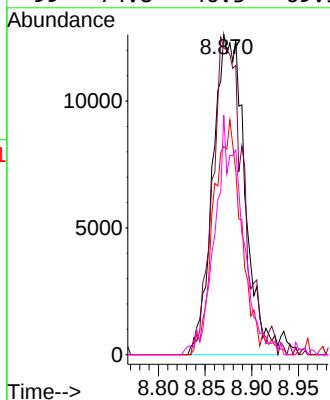
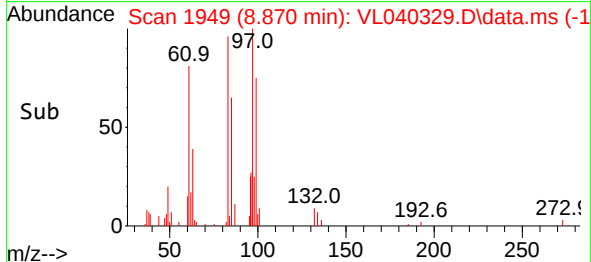
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 97 Resp: 29958
Ion Ratio Lower Upper
97 100
83 95.9 68.6 103.0
85 65.0 46.0 69.0
99 74.8 46.3 69.5#

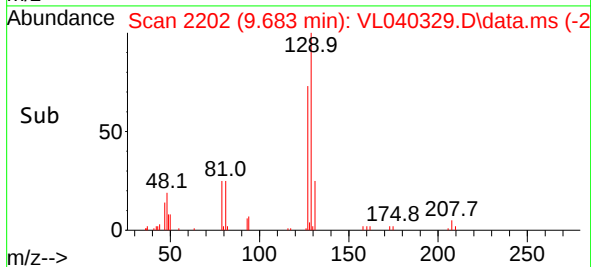
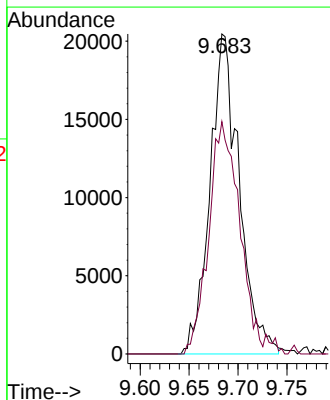
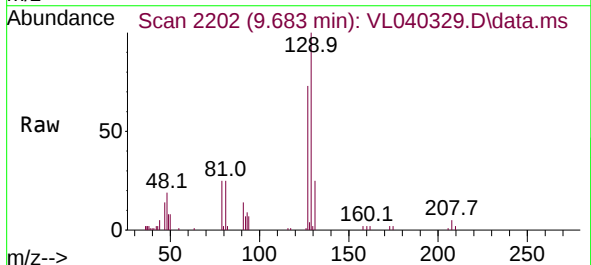
Manual Integrations
APPROVED

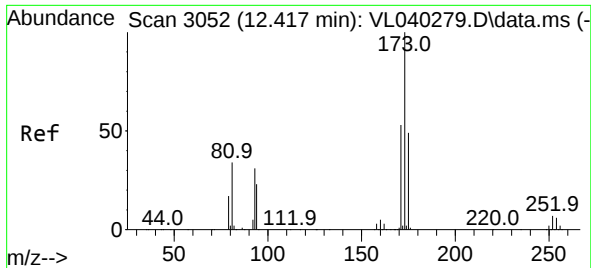
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#48
Dibromochloromethane
Concen: 0.354 ppbv m
RT: 9.683 min Scan# 2202
Delta R.T. -0.033 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

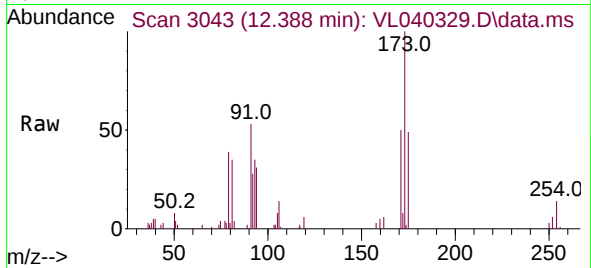
Tgt Ion:129 Resp: 42421
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.5





#49
Bromoform
Concen: 0.311 ppbv m
RT: 12.388 min Scan# 3052
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

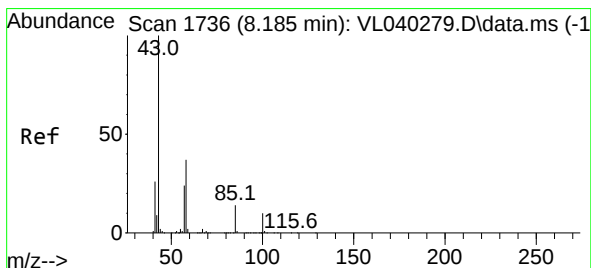
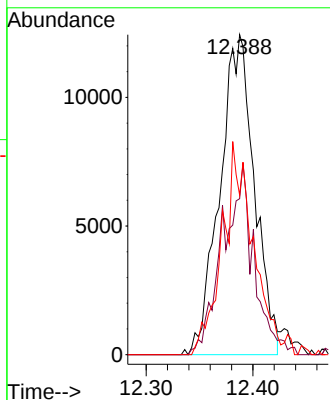
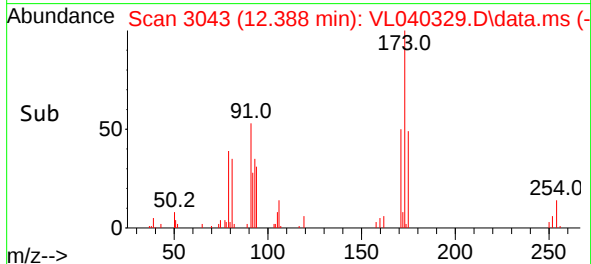
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion:173 Resp: 2800
Ion Ratio Lower Upper
173 100
175 0.0 39.8 59.8
171 0.0 42.2 63.4

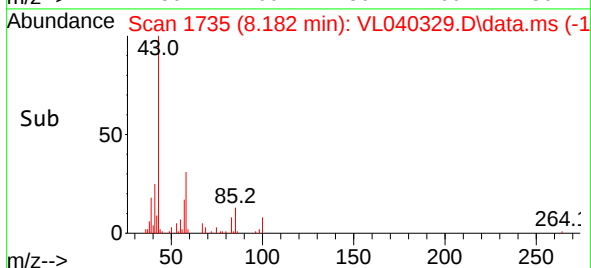
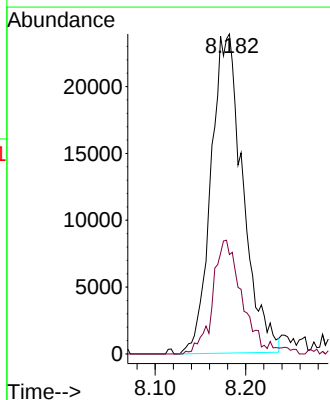
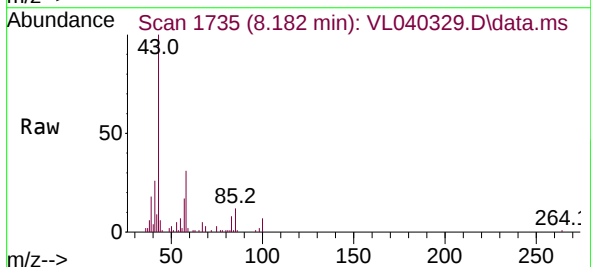
Manual Integrations
APPROVED

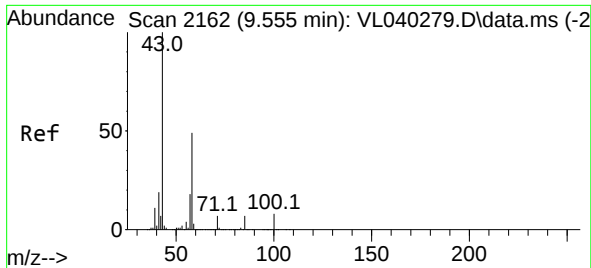
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#50
4-Methyl-2-Pentanone
Concen: 0.334 ppbv m
RT: 8.182 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 43 Resp: 58190
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8





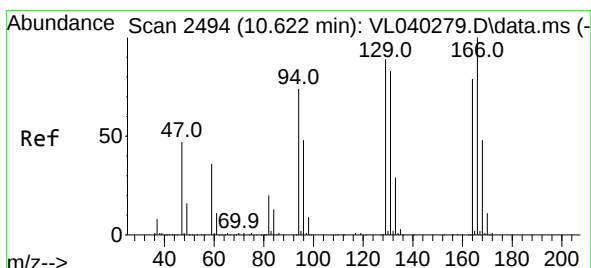
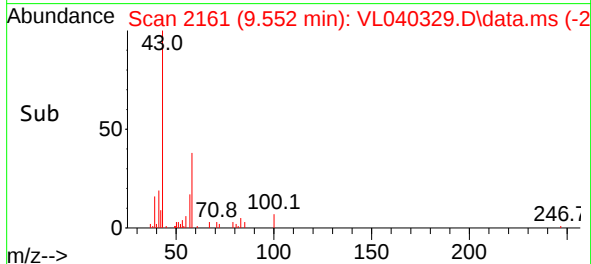
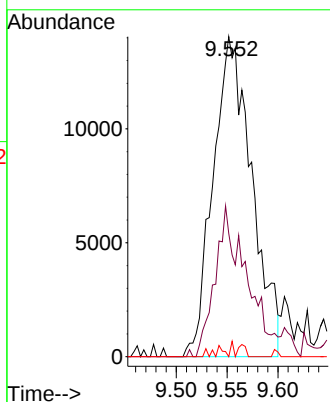
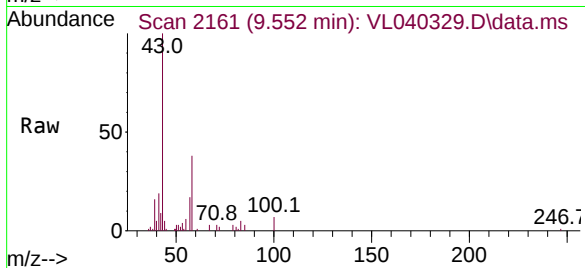
#51
2-Hexanone
Concen: 0.275 ppbv m
RT: 9.552 min Scan# 2162
Delta R.T. -0.003 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 43 Resp: 3718
Ion Ratio Lower Upper
43 100
58 40.9 38.0 57.0
98 1.9 0.5 0.7

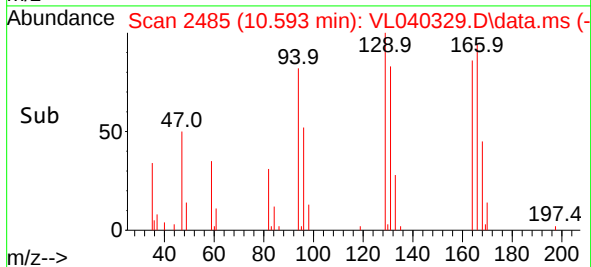
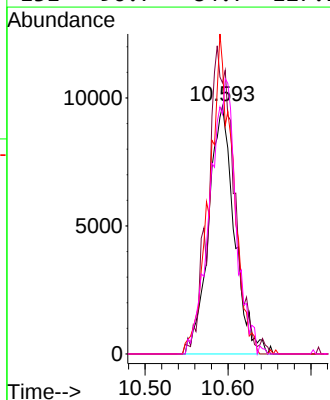
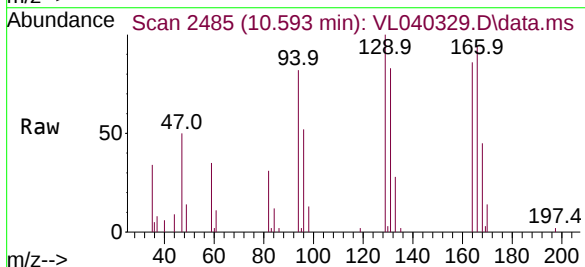
Manual Integrations
APPROVED

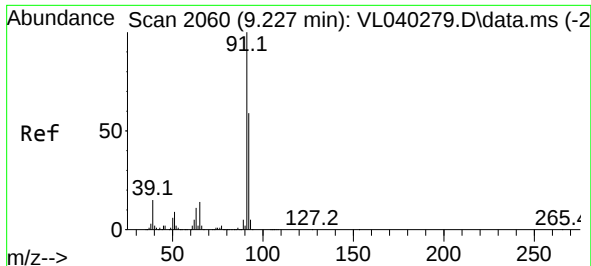
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#52
Tetrachloroethene
Concen: 0.398 ppbv m
RT: 10.593 min Scan# 2485
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

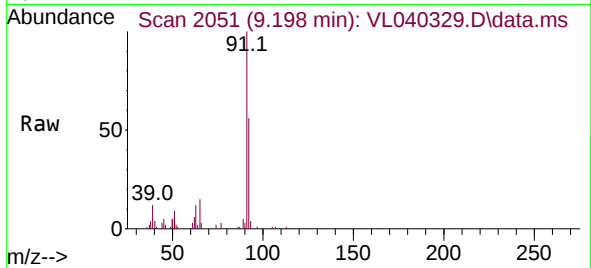
Tgt Ion:164 Resp: 20941
Ion Ratio Lower Upper
164 100
166 109.3 101.8 152.6
129 116.8 90.2 135.2
131 96.7 84.7 127.1





#53
Toluene
Concen: 0.293 ppbv m
RT: 9.198 min Scan# 2060
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

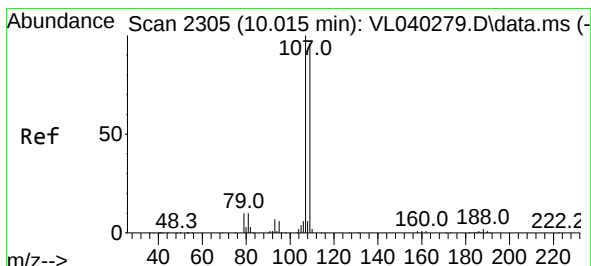
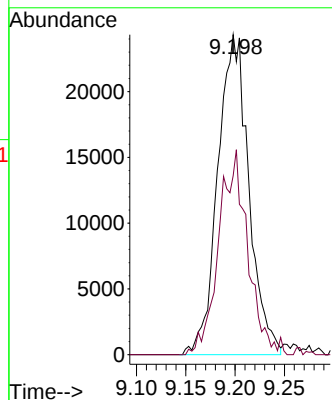
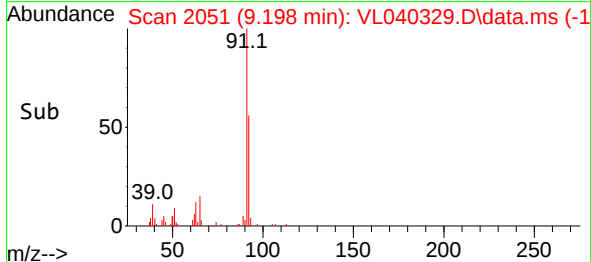
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



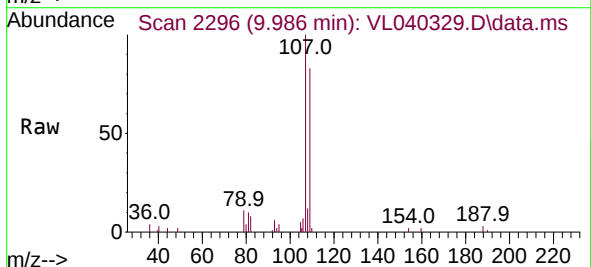
Tgt Ion: 91 Resp: 53302
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0

Manual Integrations
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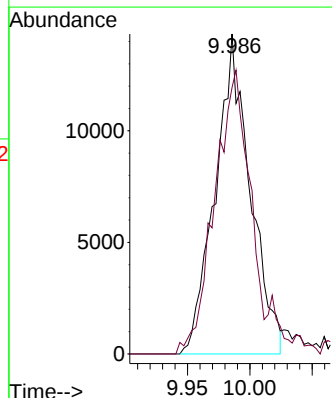
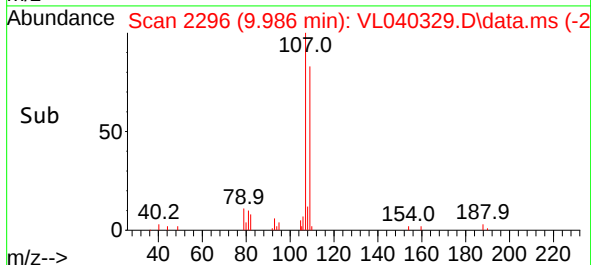
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

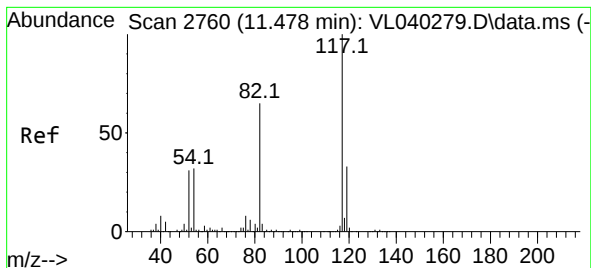


#54
1,2-Dibromoethane
Concen: 0.373 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39



Tgt Ion:107 Resp: 27983
Ion Ratio Lower Upper
107 100
109 79.6 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.442 min Scan# 21

Delta R.T. -0.036 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion:117 Resp: 204819

Ion Ratio Lower Upper

117 100

82 68.4 51.4 77.2

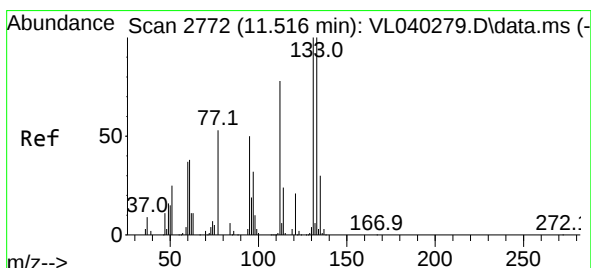
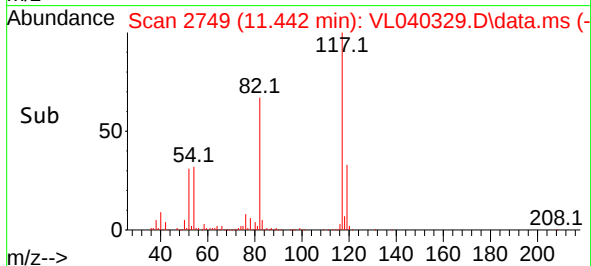
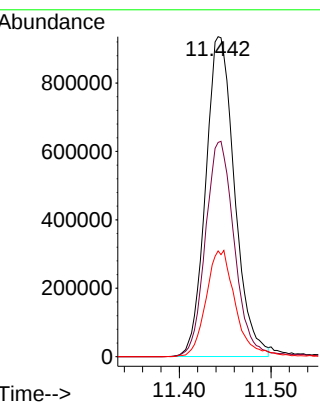
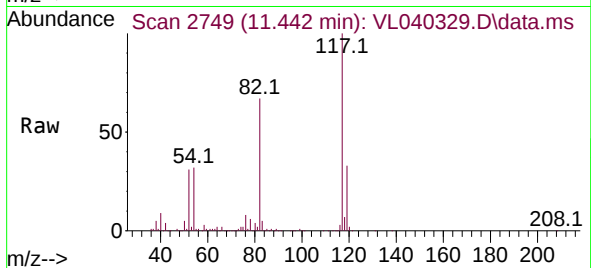
119 34.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 0.451 ppbv m

RT: 11.490 min Scan# 2764

Delta R.T. -0.026 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

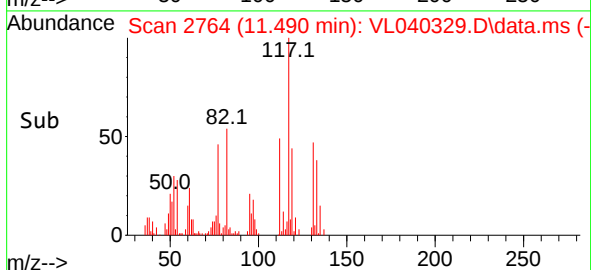
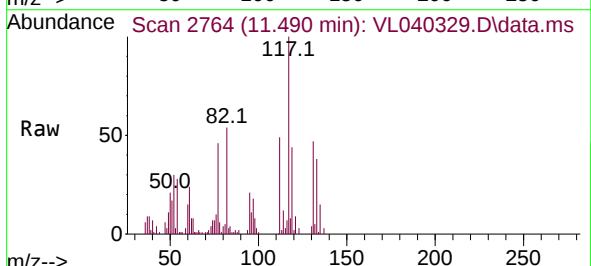
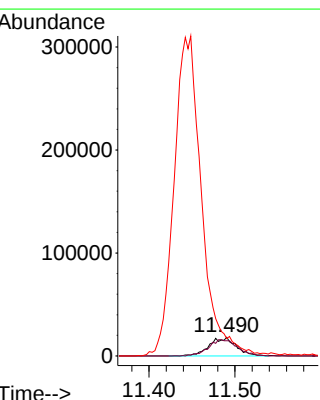
Tgt Ion:131 Resp: 38873

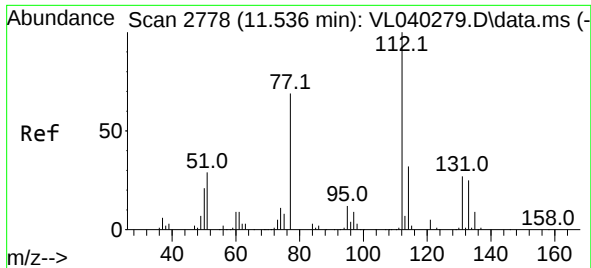
Ion Ratio Lower Upper

131 100

133 0.0 76.5 114.7#

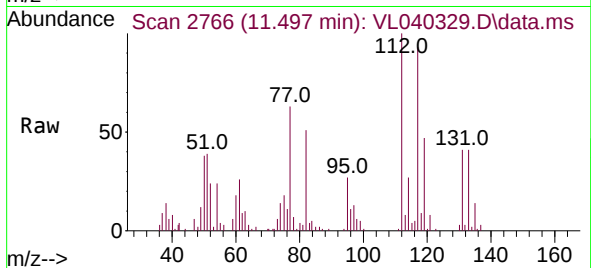
119 0.0 47.9 71.9#





#57
Chlorobenzene
Concen: 0.448 ppbv m
RT: 11.497 min Scan# 21
Delta R.T. -0.039 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

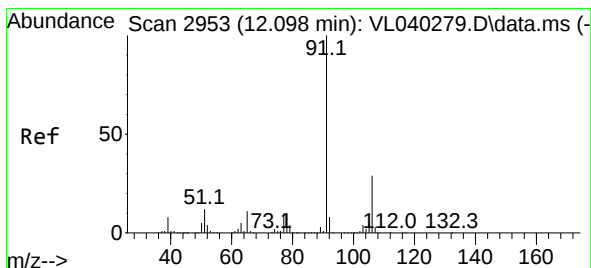
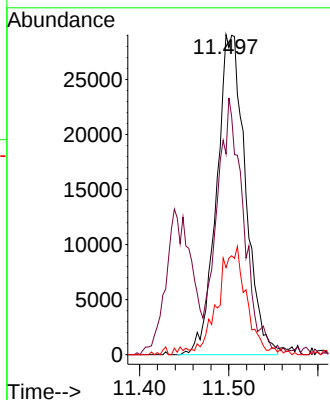
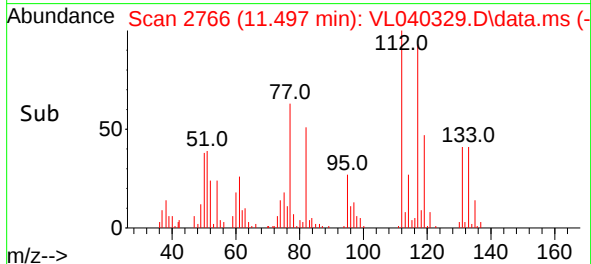
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion:112 Resp: 6523
Ion Ratio Lower Upper
112 100
77 62.7 56.2 84.2
114 27.2 29.0 35.4

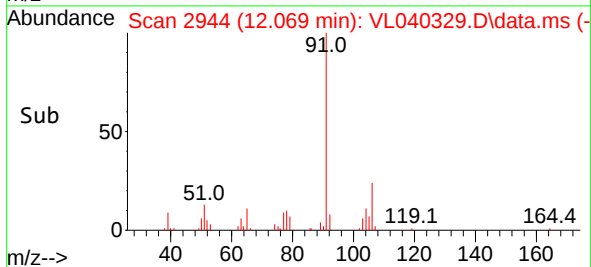
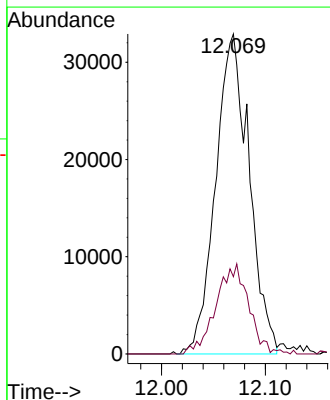
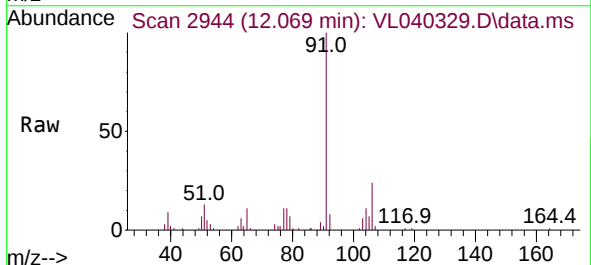
Manual Integrations
APPROVED

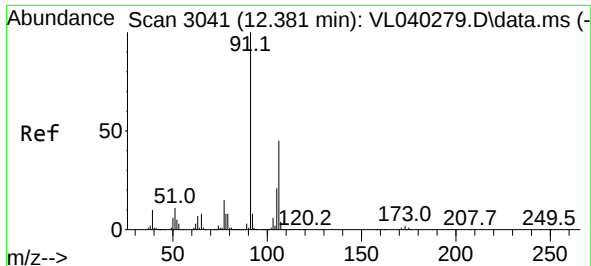
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#58
Ethyl Benzene
Concen: 0.316 ppbv m
RT: 12.069 min Scan# 2944
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 91 Resp: 73681
Ion Ratio Lower Upper
91 100
106 24.2 23.4 35.2





#59

m/p-Xylene

Concen: 0.663 ppbv m

RT: 12.355 min Scan# 3041

Delta R.T. -0.026 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 91 Resp: 141658

Ion Ratio Lower Upper

91 100

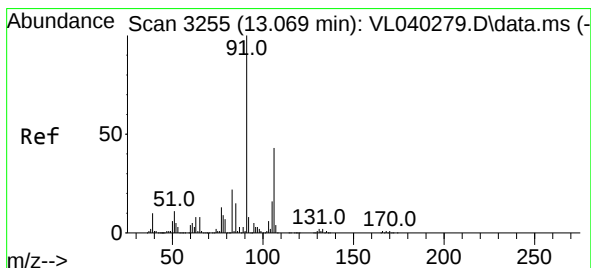
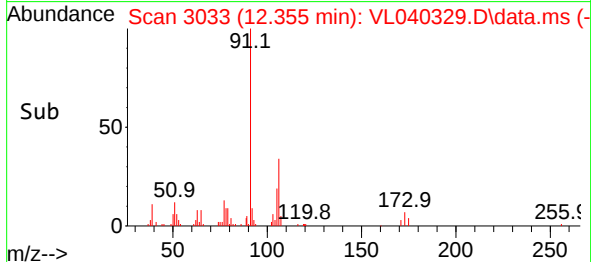
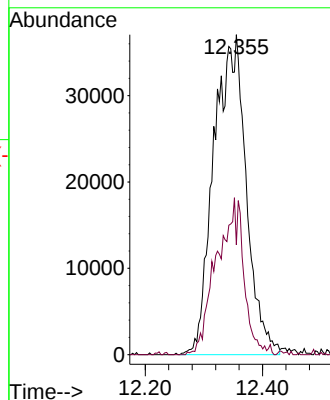
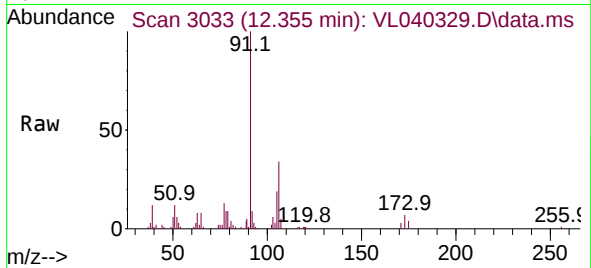
106 0.0 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#60

o-Xylene

Concen: 0.308 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. -0.032 min

Lab File: VL040329.D

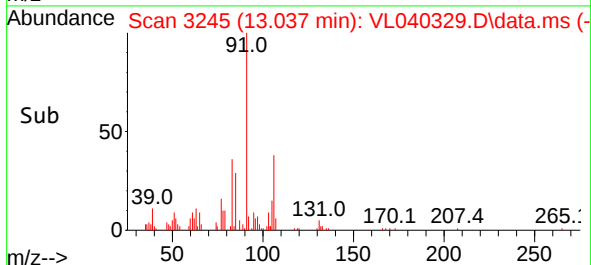
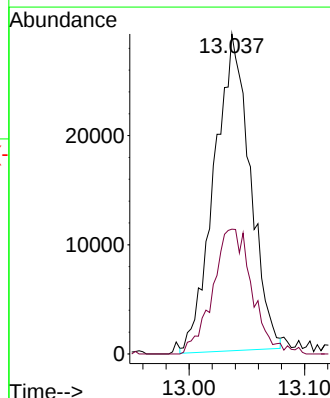
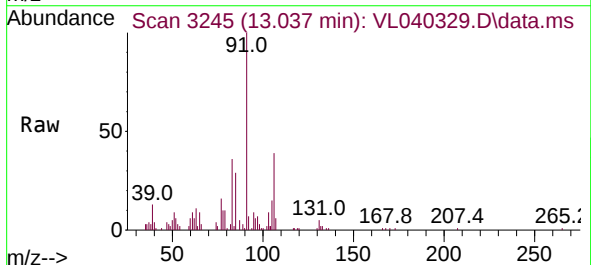
Acq: 10 Apr 2023 17:39

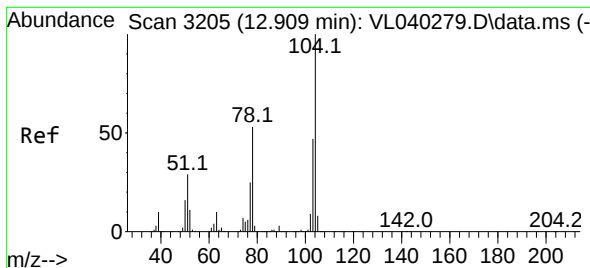
Tgt Ion: 91 Resp: 62859

Ion Ratio Lower Upper

91 100

106 43.3 21.7 65.1





#61

Styrene

Concen: 0.255 ppbv m

RT: 12.873 min Scan# 3194

Delta R.T. -0.036 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

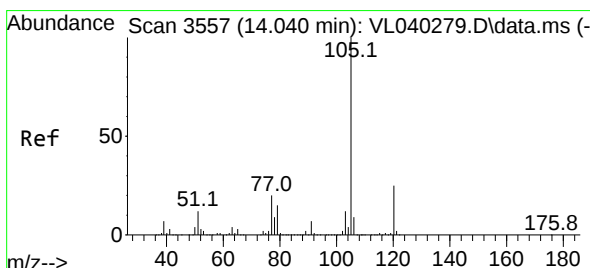
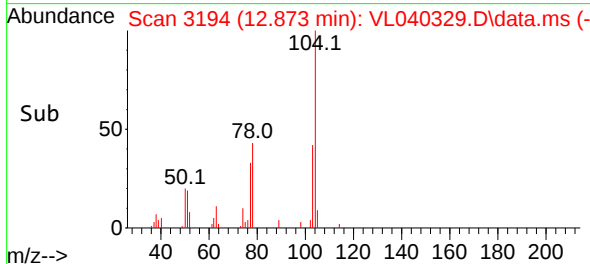
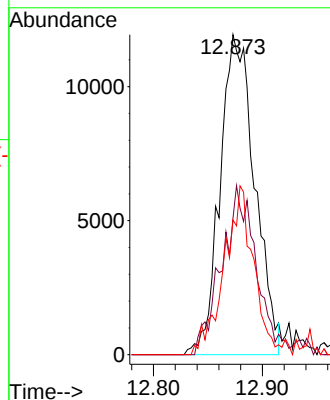
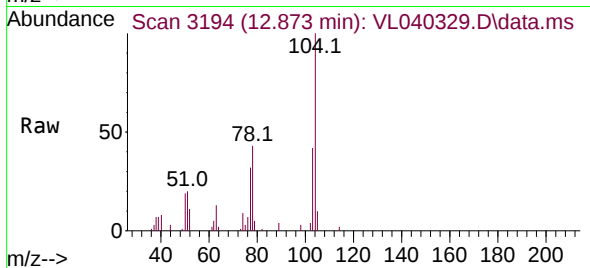
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:	104	Resp:	2646
Ion Ratio	Lower	Upper	
104	100		
78	0.0	43.7	65.5
103	0.0	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#62

Isopropylbenzene

Concen: 0.375 ppbv m

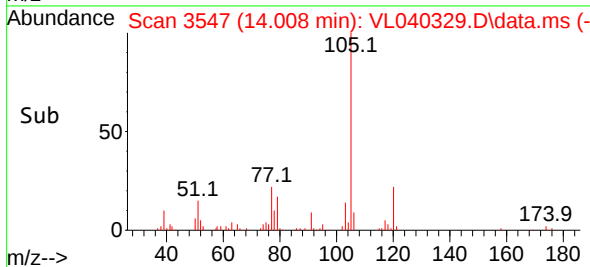
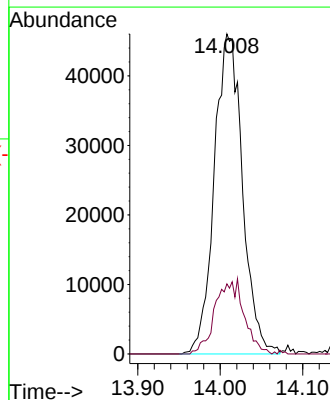
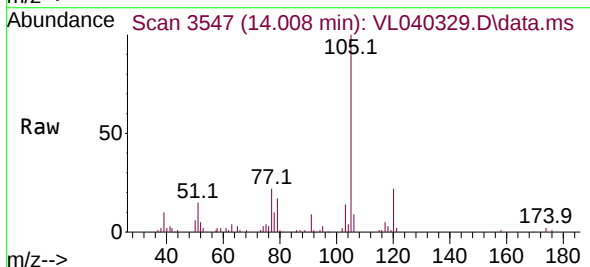
RT: 14.008 min Scan# 3547

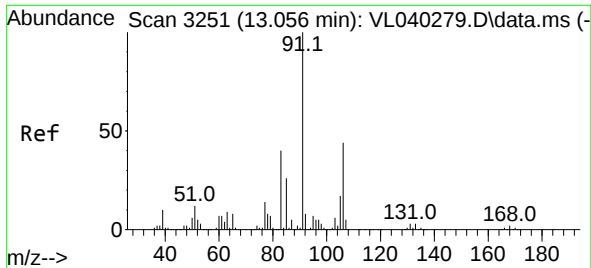
Delta R.T. -0.032 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

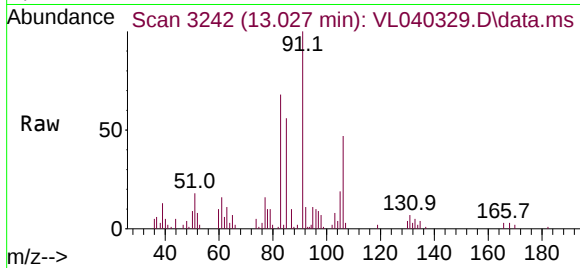
Tgt Ion:	105	Resp:	109190
Ion Ratio	Lower	Upper	
105	100		
120	0.0	19.9	29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.451 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

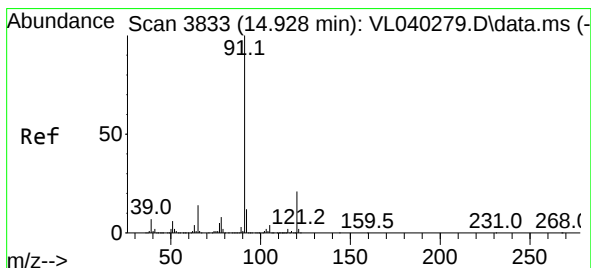
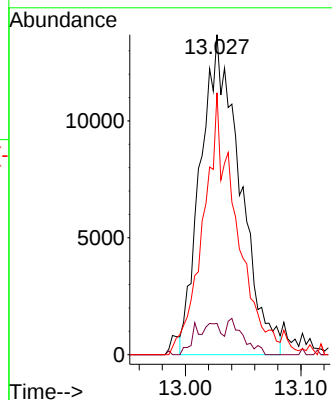
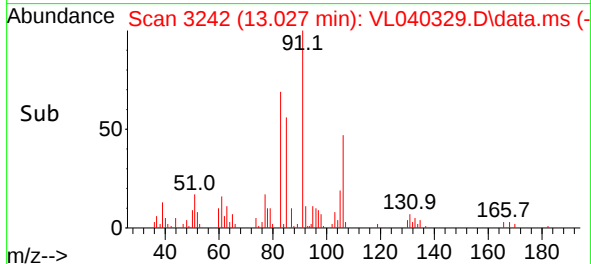
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



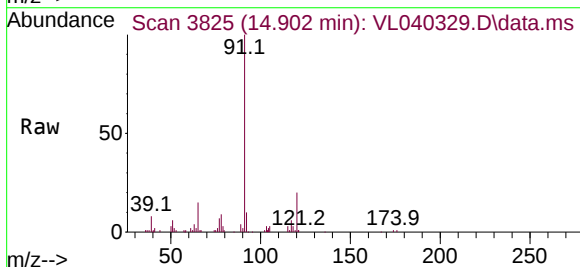
Tgt Ion: 83 Resp: 3242
Ion Ratio Lower Upper
83 100
131 11.3 4.3 12.9
85 70.3 32.7 98.1

Manual Integrations
APPROVED

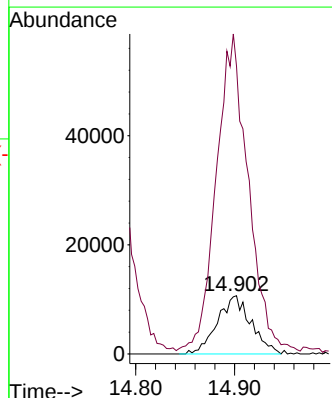
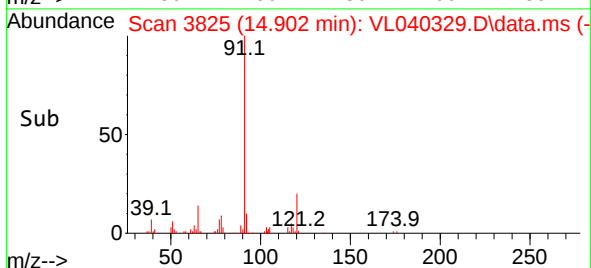
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

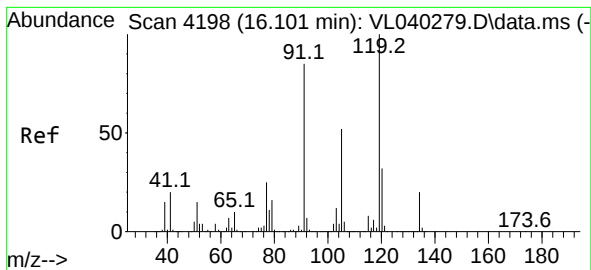


#64
n-propylbenzene
Concen: 0.353 ppbv m
RT: 14.902 min Scan# 3825
Delta R.T. -0.026 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39



Tgt Ion:120 Resp: 25099
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6#





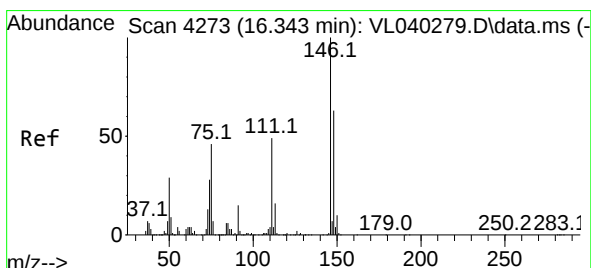
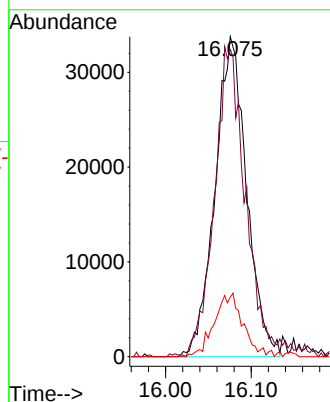
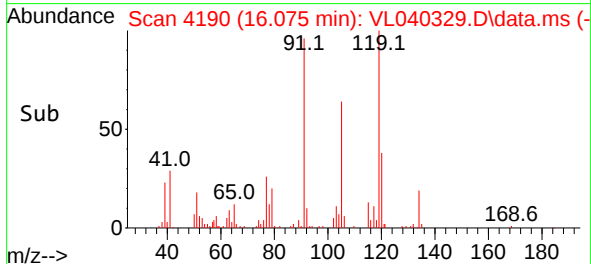
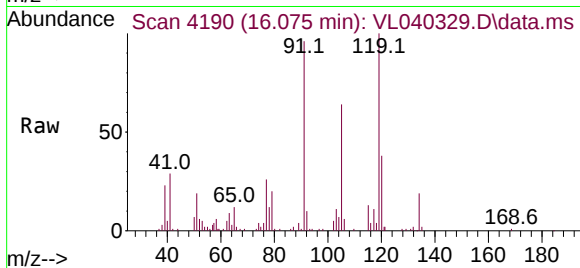
#65
tert-Butylbenzene
Concen: 0.345 ppbv m
RT: 16.075 min Scan# 4198
Delta R.T. -0.026 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 119 Resp: 86358
Ion Ratio Lower Upper
119 100
91 97.8 69.4 104.2
134 0.0 15.8 23.6

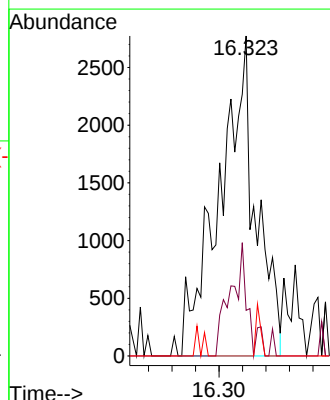
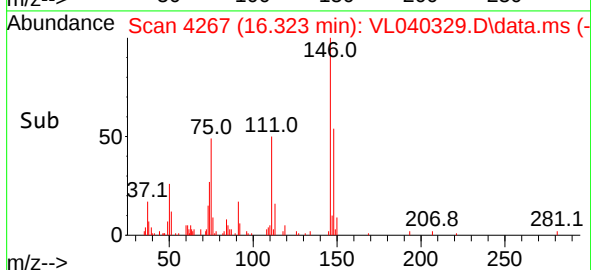
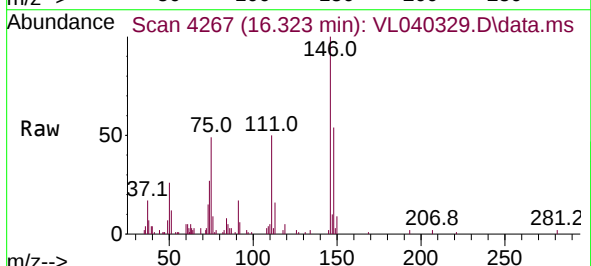
Manual Integrations
APPROVED

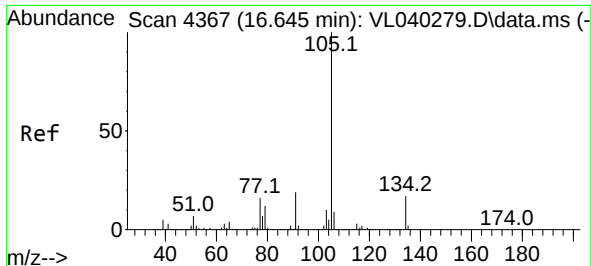
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#66
Benzyl Chloride
Concen: 0.366 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. -0.020 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

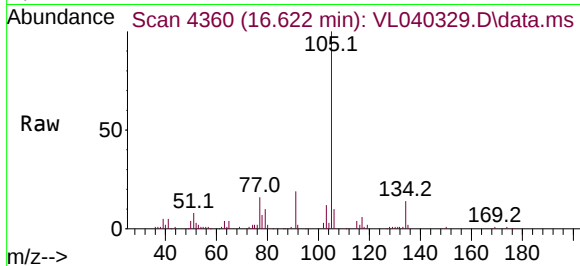
Tgt Ion: 91 Resp: 5954
Ion Ratio Lower Upper
91 100
126 0.0 12.1 18.1#
128 0.0 3.8 5.6#





#67
 sec-Butylbenzene
 Concen: 0.347 ppbv m
 RT: 16.622 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

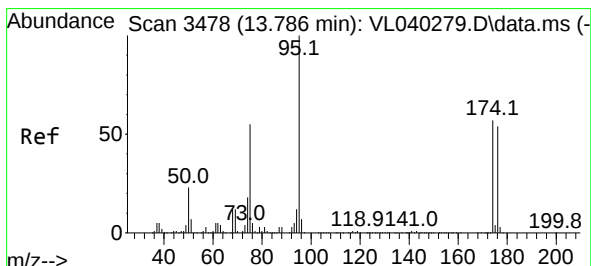
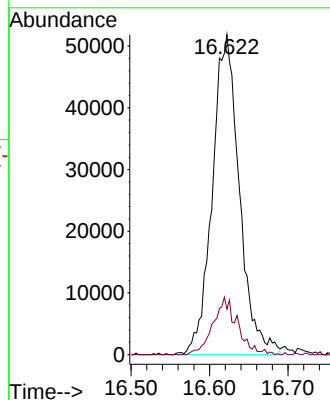
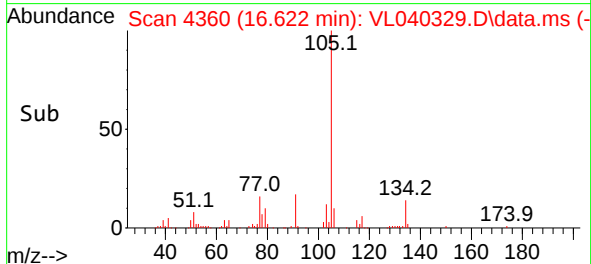
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



Tgt Ion:105 Resp: 12445
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.0 21.0

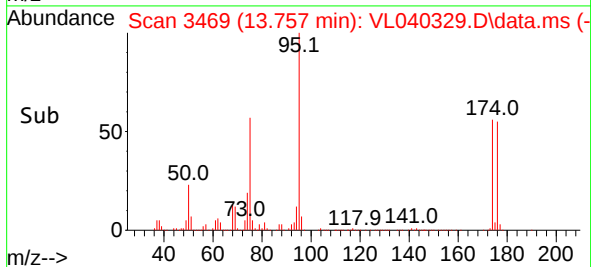
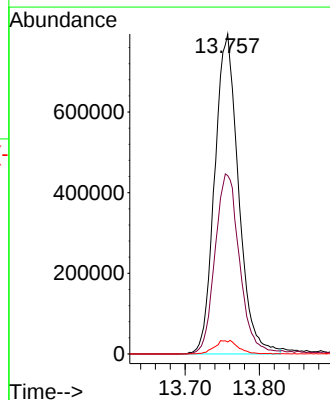
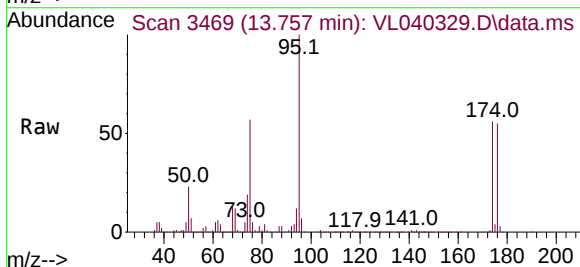
Manual Integrations
 APPROVED

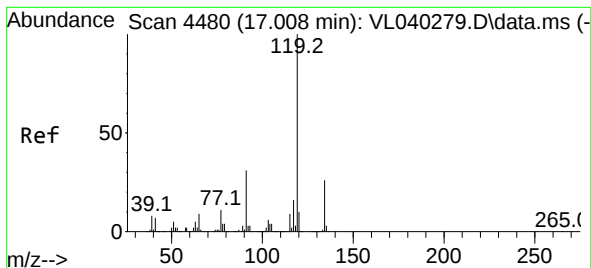
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.332 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. -0.029 min
 Lab File: VL040329.D
 Acq: 10 Apr 2023 17:39

Tgt Ion: 95 Resp: 1772139
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.0 70.6
 175 4.2 3.4 5.2





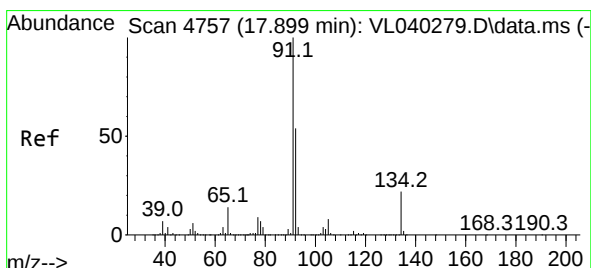
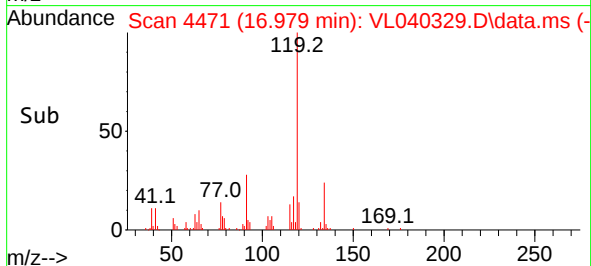
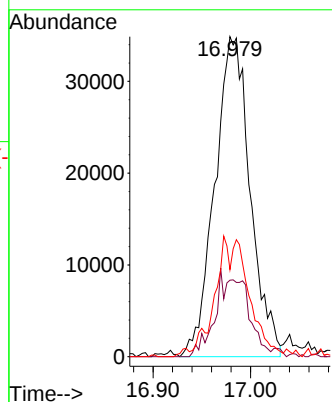
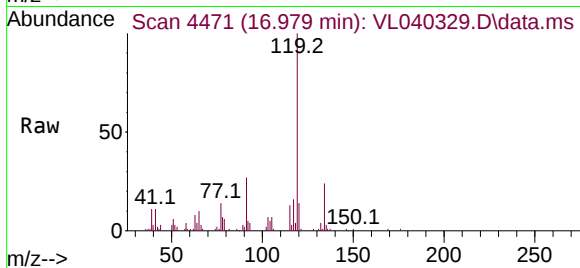
#69
p-Isopropyltoluene
Concen: 0.315 ppbv
RT: 16.979 min Scan# 4480
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 119 Resp: 88052
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 36.7 25.1 37.7

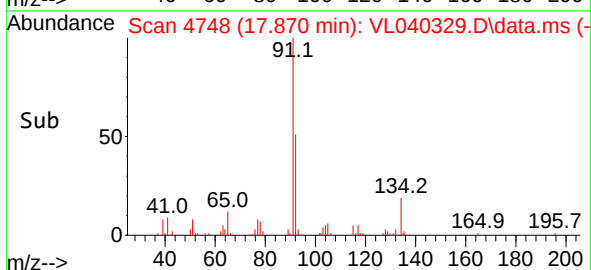
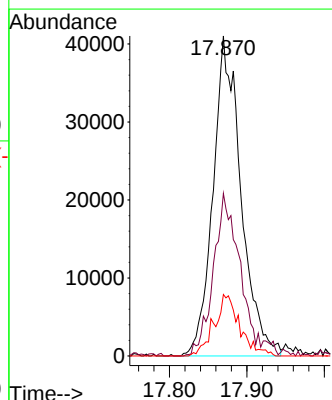
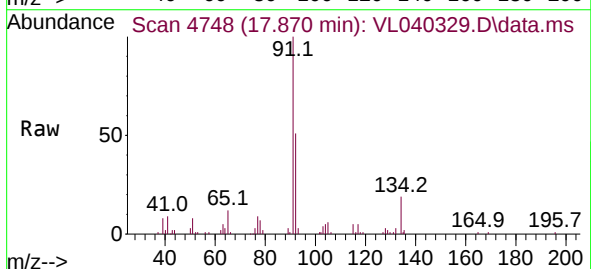
Manual Integrations
APPROVED

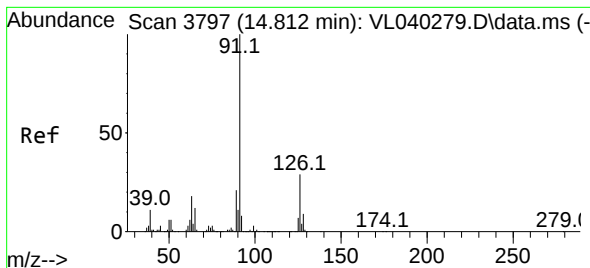
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#70
n-Butylbenzene
Concen: 0.334 ppbv m
RT: 17.870 min Scan# 4748
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion: 91 Resp: 102818
Ion Ratio Lower Upper
91 100
92 50.0 42.9 64.3
134 17.7 16.8 25.2





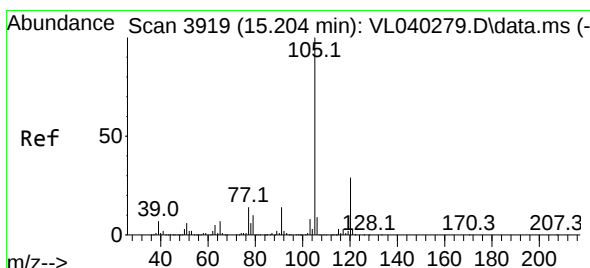
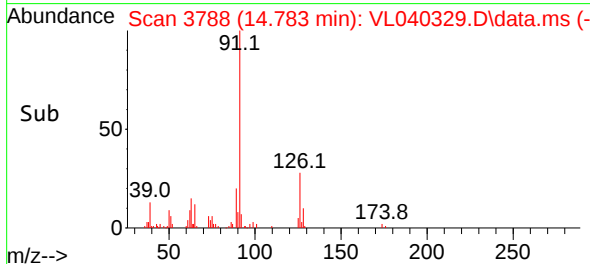
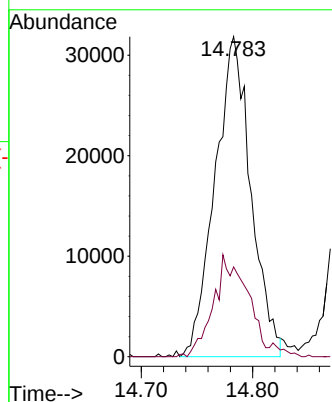
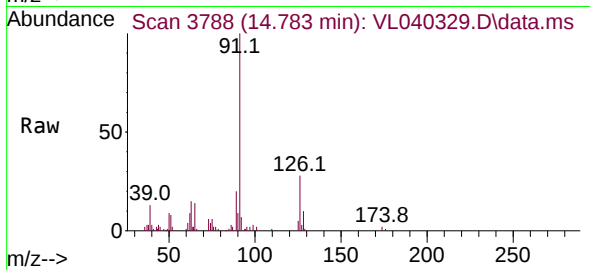
#71
2-Chlorotoluene
Concen: 0.322 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 91 Resp: 7137
Ion Ratio Lower Upper
91 100
126 31.5 11.8 47.4

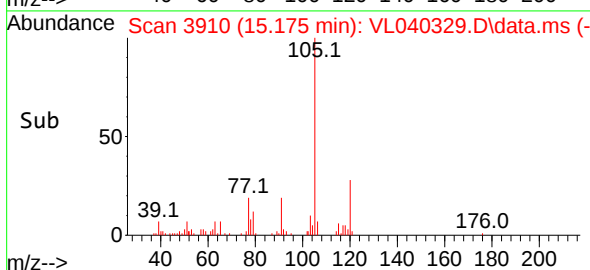
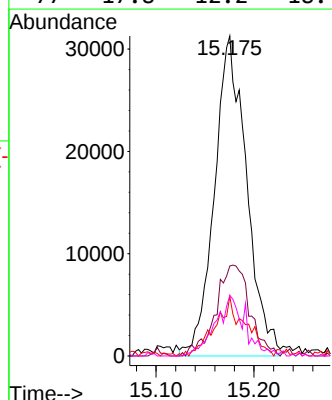
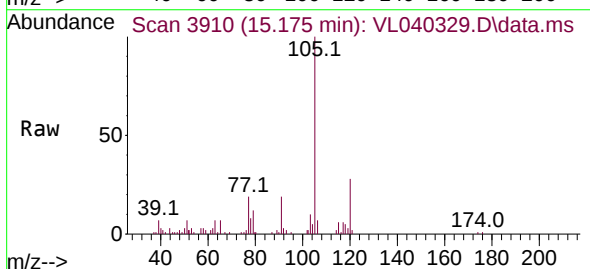
Manual Integrations
APPROVED

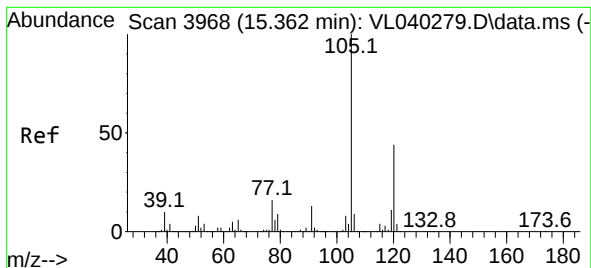
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#72
4-Ethyltoluene
Concen: 0.319 ppbv m
RT: 15.175 min Scan# 3910
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:105 Resp: 71209
Ion Ratio Lower Upper
105 100
120 30.1 23.7 35.5
91 18.2 11.6 17.4#
77 17.8 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.325 ppbv m

RT: 15.330 min Scan# 3958

Delta R.T. -0.032 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion:105 Resp: 65810

Ion Ratio Lower Upper

105 100

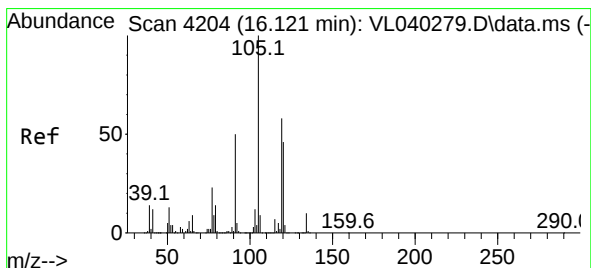
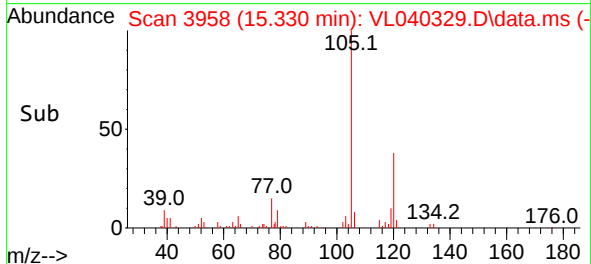
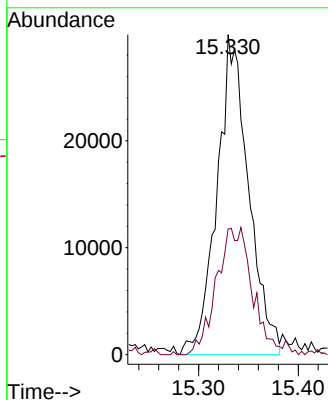
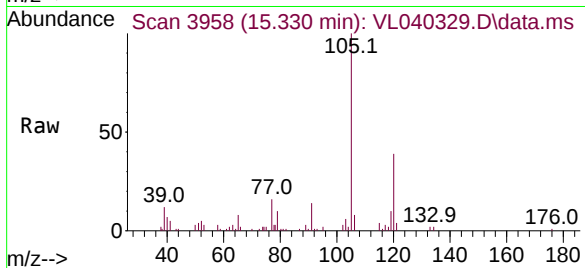
120 39.3 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.344 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.029 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Tgt Ion:105 Resp: 79357

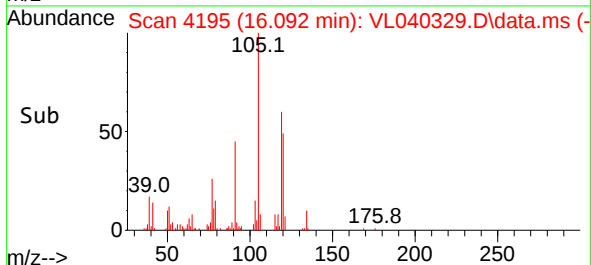
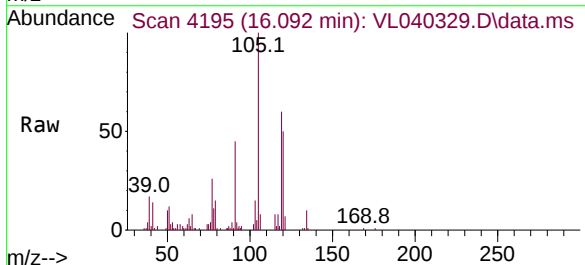
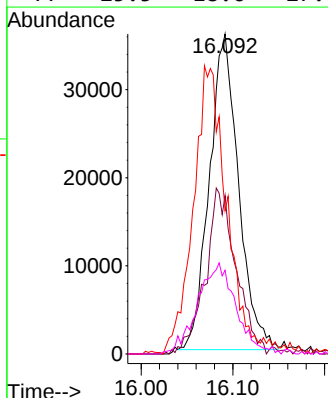
Ion Ratio Lower Upper

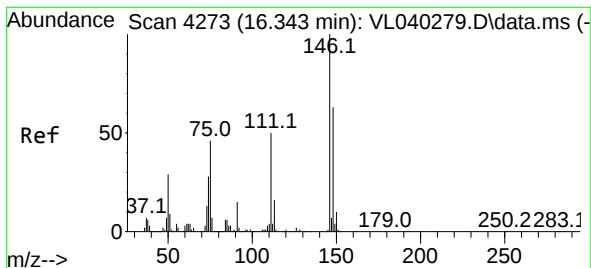
105 100

120 49.6 36.6 54.8

91 43.6 39.9 59.9

77 25.5 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 0.379 ppbv m

RT: 16.310 min Scan# 4307

Delta R.T. -0.033 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

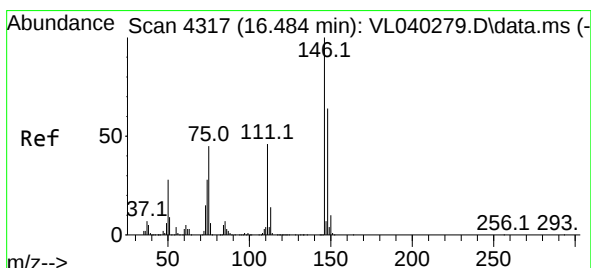
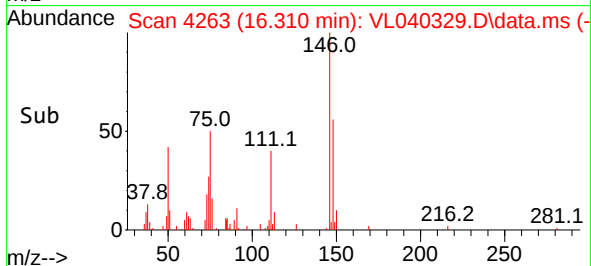
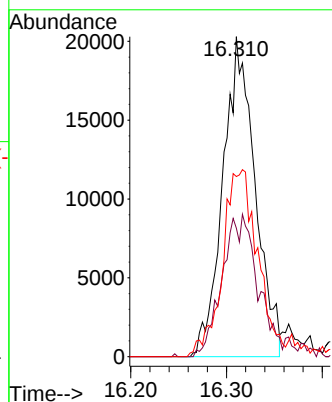
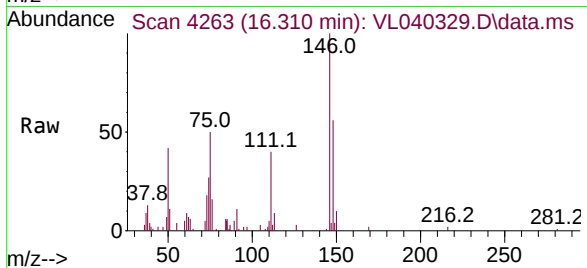
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:	146	Resp:	4731
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.3	73.0
148	0.0	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#76

1,4-Dichlorobenzene

Concen: 0.394 ppbv m

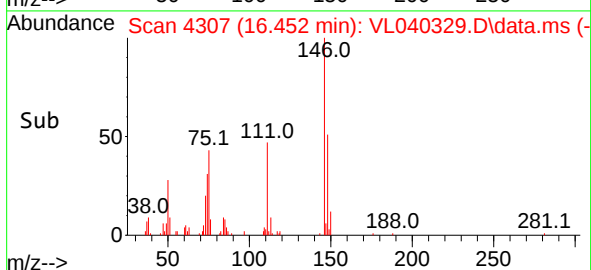
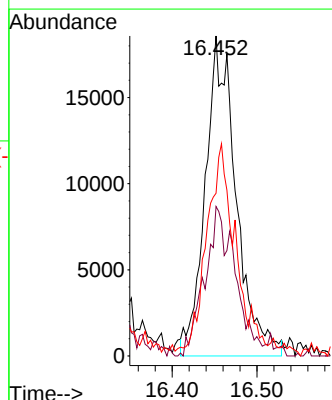
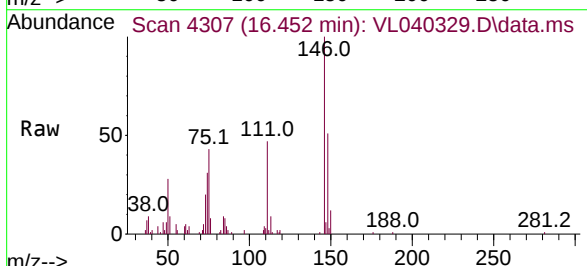
RT: 16.452 min Scan# 4307

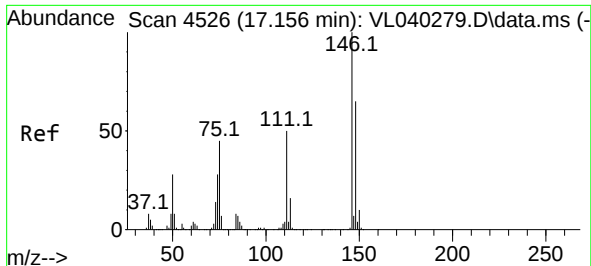
Delta R.T. -0.032 min

Lab File: VL040329.D

Acq: 10 Apr 2023 17:39

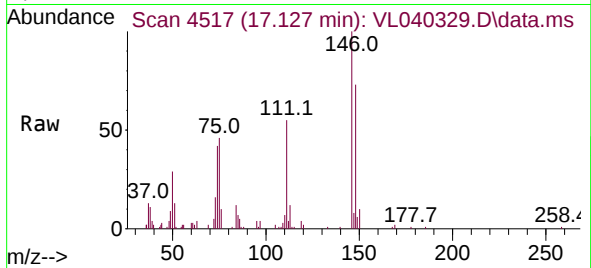
Tgt Ion:	146	Resp:	46895
Ion Ratio	Lower	Upper	
146	100		
111	48.3	23.8	71.2
148	0.0	32.5	97.5





#77
1,2-Dichlorobenzene
Concen: 0.377 ppbv m
RT: 17.127 min Scan# 4523
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

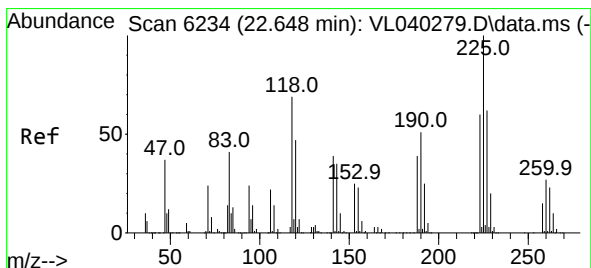
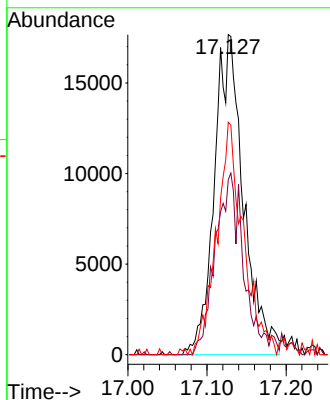
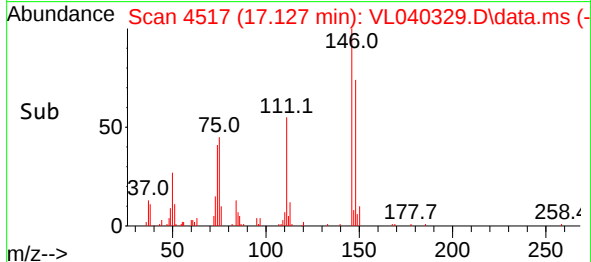
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion:146 Resp: 45230
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 0.0 32.1 96.3#

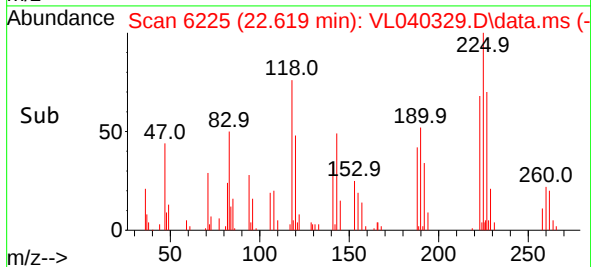
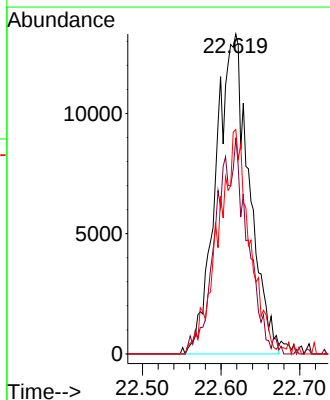
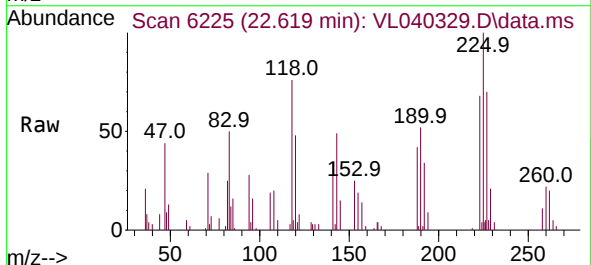
Manual Integrations
APPROVED

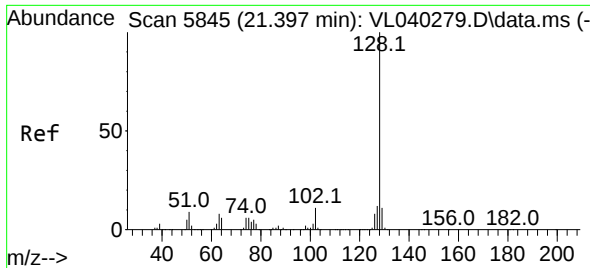
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.446 ppbv m
RT: 22.619 min Scan# 6225
Delta R.T. -0.029 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:225 Resp: 39249
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.4 77.2#





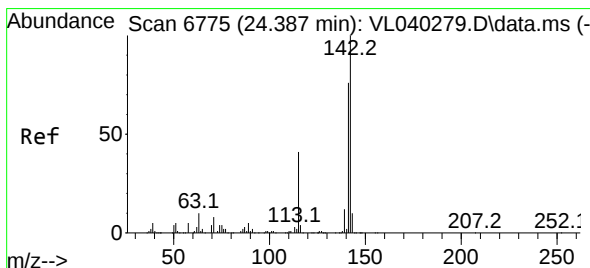
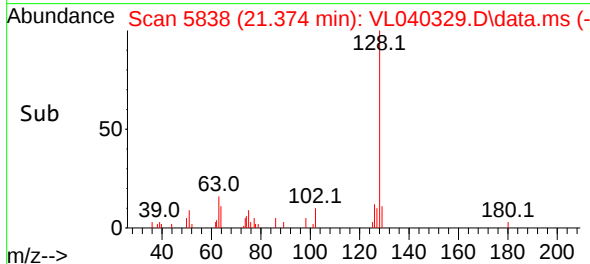
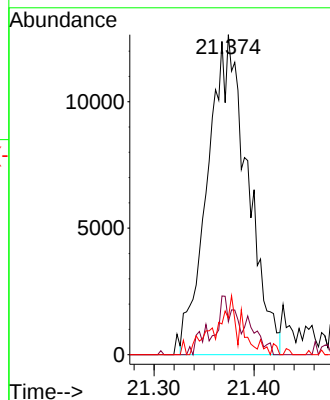
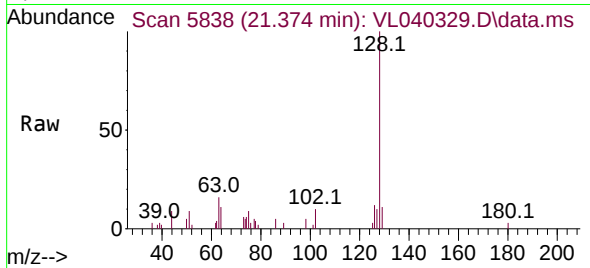
#79
Naphthalene
Concen: 0.258 ppbv m
RT: 21.374 min Scan# 5838
Delta R.T. -0.023 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:128 Resp: 3524
Ion Ratio Lower Upper
128 100
127 10.3 9.6 14.4
129 11.4 8.6 13.0

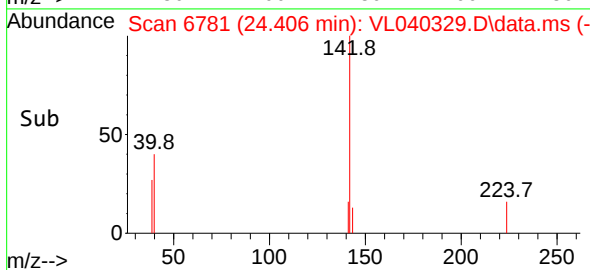
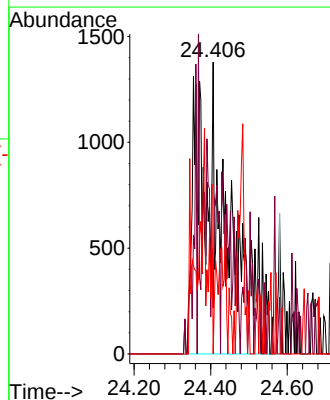
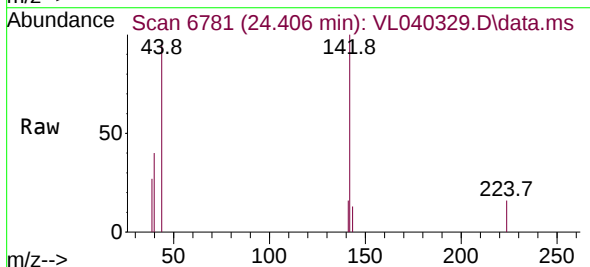
Manual Integrations
APPROVED

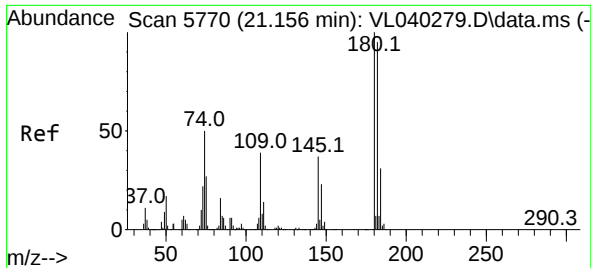
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#80
Naphthalene,2-methyl-
Concen: 0.212 ppbv m
RT: 24.406 min Scan# 6781
Delta R.T. 0.019 min
Lab File: VL040329.D
Acq: 10 Apr 2023 17:39

Tgt Ion:142 Resp: 7314
Ion Ratio Lower Upper
142 100
141 10.5 65.5 98.3#
115 25.7 33.5 50.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.298 ppbv m

RT: 21.130 min Scan# 51

Delta R.T. -0.026 min

Lab File: VL040329.D

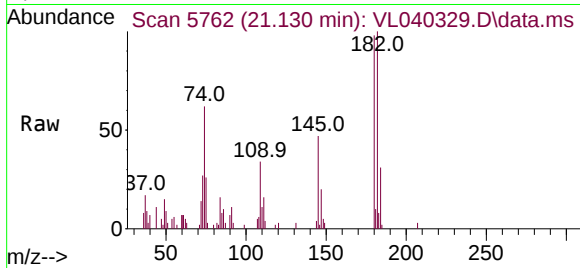
Acq: 10 Apr 2023 17:39

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



Tgt Ion:180 Resp: 25018

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 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023

