

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040330.D
 Acq On : 10 Apr 2023 18:17
 Operator : SY/MD
 Sample : 02213-13 LOD 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Apr 11 02:08:27 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	5.166	49	915066	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.629	114	2235793	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	2005698	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1665635	9.917	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.703	85	21041	0.117	ppbv	92
3) Chlorodifluoromethane	2.648	51	12190	0.106	ppbv	94
4) Chloromethane	2.787	50	7549	0.106	ppbv	98
5) Vinyl Chloride	2.893	62	6173	0.107	ppbv	99
6) Bromomethane	3.092	94	2394	0.120	ppbv	87
7) Chloroethane	3.166	64	2490	0.113	ppbv	93
8) Dichlorotetrafluoroethane	2.829	85	15572	0.101	ppbv	100
9) Propene	2.671	41	6300	0.143	ppbv	91
10) Heptane	7.545	43	6221m	0.059	ppbv	
11) Trichlorofluoromethane	3.533	101	17108	0.105	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.037	101	13240m	0.108	ppbv	
14) Bromoethene	3.337	108	4567m	0.100	ppbv	
15) Acetone	3.462	43	22198m	0.199	ppbv	
16) 1,3-Butadiene	2.957	39	4377	0.086	ppbv	92
17) tert-Butyl alcohol	3.883	59	11137m	0.105	ppbv	
18) 1,1-Dichloroethene	3.854	96	4709	0.090	ppbv #	83
19) Isopropyl Alcohol	3.575	45	5022m	0.094	ppbv	
20) Methylene Chloride	3.906	84	12428	0.265	ppbv #	92
21) Allyl Chloride	3.967	41	6870	0.095	ppbv #	81
22) trans-1,2-Dichloroethene	4.423	96	5747m	0.108	ppbv	
24) 1,1-Dichloroethane	4.539	63	11133m	0.101	ppbv	
25) Ethyl Acetate	5.198	43	17800m	0.085	ppbv	
26) Hexane	5.192	57	7615m	0.089	ppbv	
27) Carbon Disulfide	4.099	76	8014	0.067	ppbv #	48
28) Methyl tert-Butyl Ether	4.584	73	8796m	0.089	ppbv	
29) Chloroform	5.246	83	15040	0.099	ppbv #	72
30) Cyclohexane	6.571	84	4305m	0.064	ppbv	
31) cis-1,2-Dichloroethene	5.057	61	7205	0.086	ppbv #	92
32) 1,1,1-Trichloroethane	5.980	97	13773m	0.095	ppbv	
34) 2-Butanone	4.780	43	12090	0.110	ppbv	91
35) Carbon Tetrachloride	6.468	117	12189	0.087	ppbv #	82
36) Benzene	6.349	78	12163m	0.071	ppbv	
37) 1,2-Dichloroethane	5.777	62	11601m	0.105	ppbv	
38) Trichloroethene	7.259	130	8416m	0.090	ppbv	
39) 1,2-Dichloropropane	7.047	63	6804m	0.102	ppbv	
40) 1,4-Dioxane	7.314	88	2187m	0.083	ppbv	
41) Tetrahydrofuran	5.581	42	4364m	0.069	ppbv	
42) Bromodichloromethane	7.227	83	14276m	0.094	ppbv	
43) Methyl Methacrylate	7.462	69	4169m	0.066	ppbv	
44) 2,2,4-Trimethylpentane	7.301	57	18018	0.063	ppbv #	79
45) t-1,3-Dichloropropene	8.680	75	2632m	0.048	ppbv	
46) cis-1,3-Dichloropropene	8.124	75	4034m	0.051	ppbv	
47) 1,1,2-Trichloroethane	8.877	97	7288m	0.102	ppbv	

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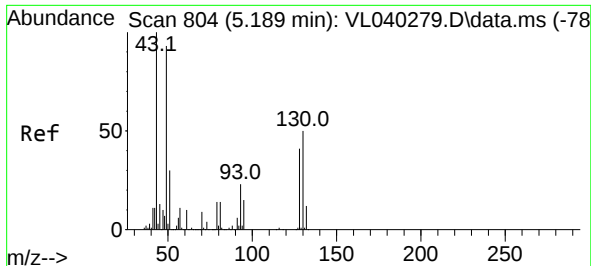
Quant Time: Apr 11 02:08:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
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 Supervised By : Mahesh Dadoda 04/11/2023

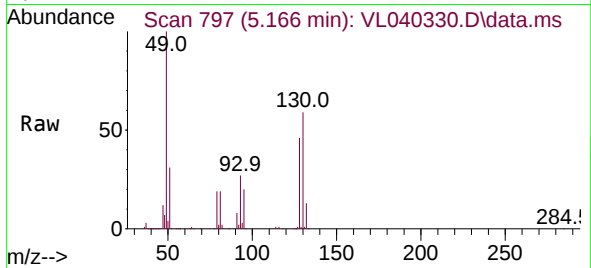
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	9.684	129	8974m	0.076	ppbv	
49) Bromoform	12.384	173	5037m	0.057	ppbv	
50) 4-Methyl-2-Pentanone	8.188	43	11115m	0.065	ppbv	
51) 2-Hexanone	9.584	43	7070m	0.053	ppbv	
52) Tetrachloroethene	10.590	164	4676m	0.091	ppbv	
53) Toluene	9.195	91	10566m	0.059	ppbv	
54) 1,2-Dibromoethane	9.986	107	6638m	0.090	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.475	131	8647m	0.102	ppbv	
57) Chlorobenzene	11.510	112	15763m	0.110	ppbv	
58) Ethyl Benzene	12.076	91	13217m	0.058	ppbv	
59) m/p-Xylene	12.339	91	20337m	0.097	ppbv	
60) o-Xylene	13.037	91	9204m	0.046	ppbv	
61) Styrene	12.873	104	5356m	0.053	ppbv	
62) Isopropylbenzene	14.005	105	18315m	0.064	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.027	83	6764m	0.096	ppbv	
64) n-propylbenzene	14.902	120	3205m	0.046	ppbv	
65) tert-Butylbenzene	16.076	119	11655m	0.047	ppbv	
67) sec-Butylbenzene	16.622	105	18953m	0.054	ppbv	
69) p-Isopropyltoluene	16.989	119	12141m	0.044	ppbv	
70) n-Butylbenzene	17.876	91	13428m	0.045	ppbv	
71) 2-Chlorotoluene	14.786	91	9734m	0.045	ppbv	
72) 4-Ethyltoluene	15.169	105	9964m	0.046	ppbv	
73) 1,3,5-Trimethylbenzene	15.339	105	9274m	0.047	ppbv	
74) 1,2,4-Trimethylbenzene	16.092	105	9915m	0.044	ppbv	
75) 1,3-Dichlorobenzene	16.320	146	8351m	0.068	ppbv	
76) 1,4-Dichlorobenzene	16.452	146	8960m	0.077	ppbv	
77) 1,2-Dichlorobenzene	17.140	146	8751m	0.074	ppbv	
78) Hexachloro-1,3-Butadiene	22.625	225	8568m	0.099	ppbv	
80) Naphthalene,2-methyl-	24.426	142	1487m	0.044	ppbv	
81) 1,2,4-Trichlorobenzene	21.133	180	3991m	0.048	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.023 min
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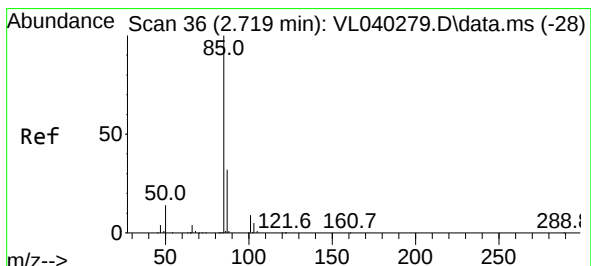
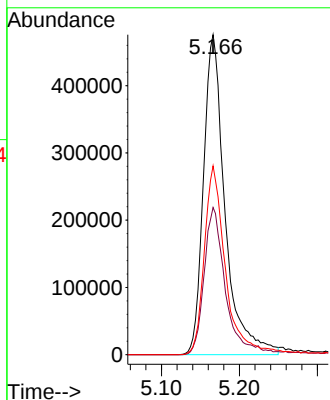
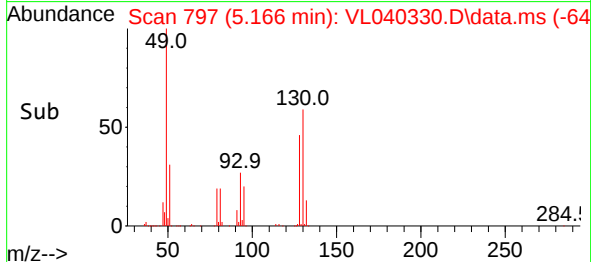
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 49 Resp: 91506
Ion Ratio Lower Upper
49 100
128 46.9 22.4 67.3
130 59.4 28.7 86.1

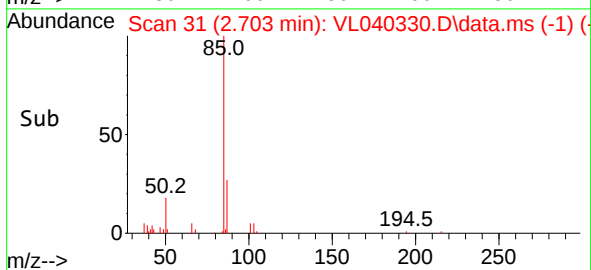
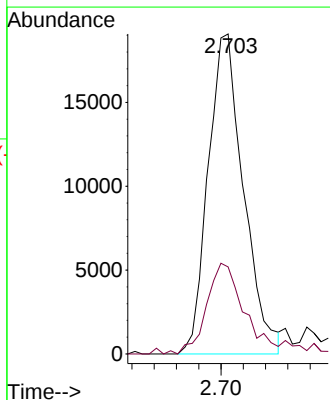
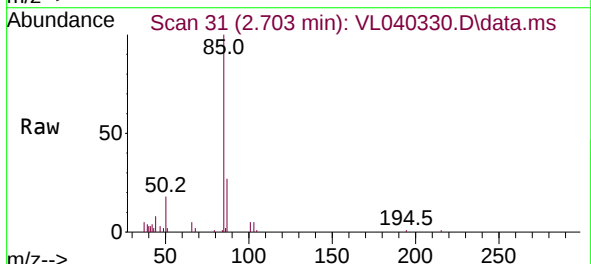
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#2
Dichlorodifluoromethane
Concen: 0.117 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

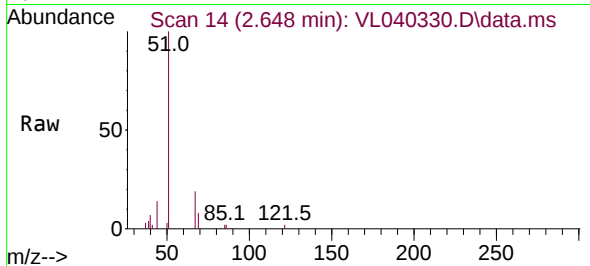
Tgt Ion: 85 Resp: 21041
Ion Ratio Lower Upper
85 100
87 27.2 25.5 38.3





#3
Chlorodifluoromethane
Concen: 0.106 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.017 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

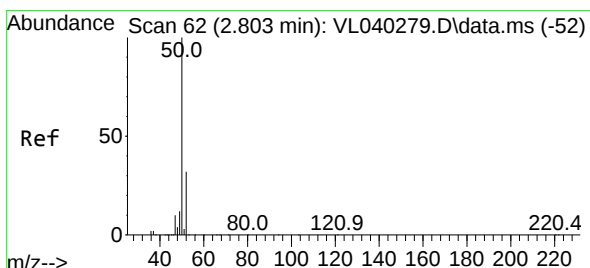
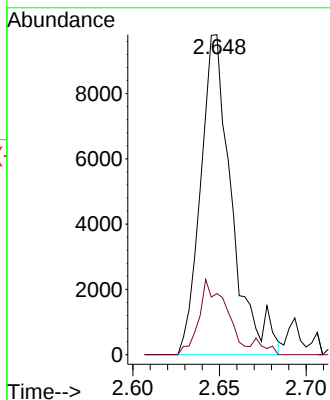
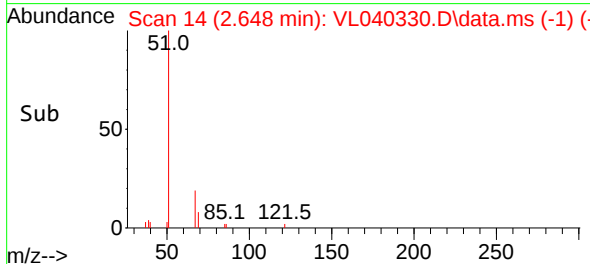
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 51 Resp: 12190
Ion Ratio Lower Upper
51 100
67 22.9 16.0 24.0

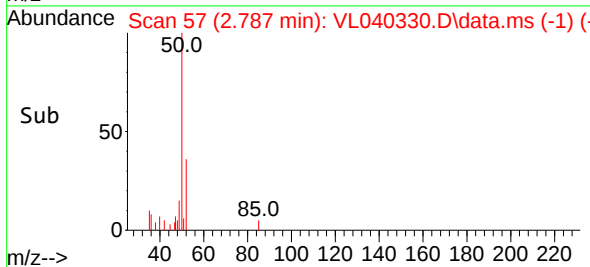
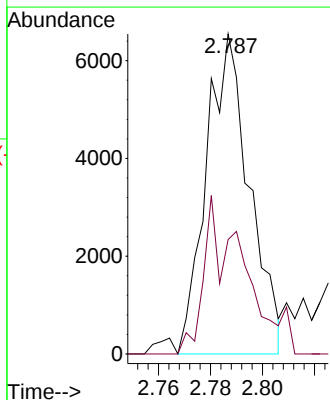
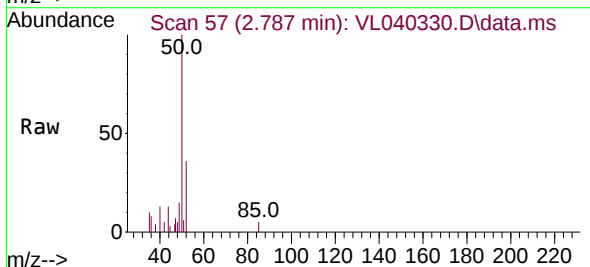
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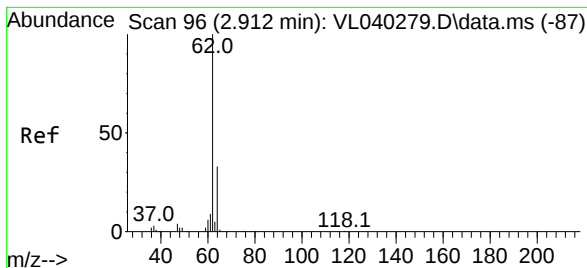
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#4
Chloromethane
Concen: 0.106 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.016 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion: 50 Resp: 7549
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9





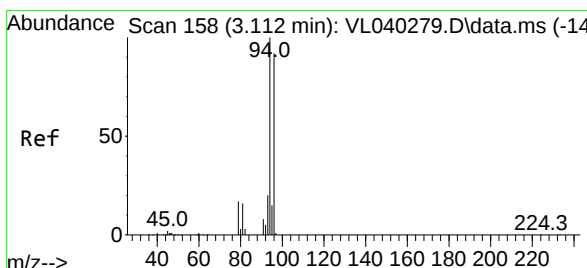
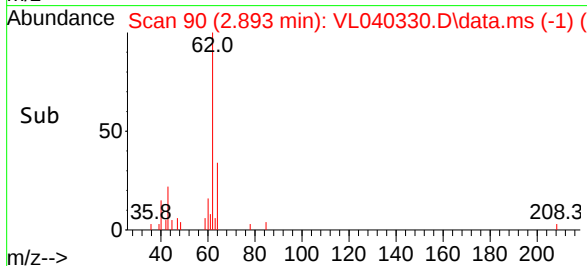
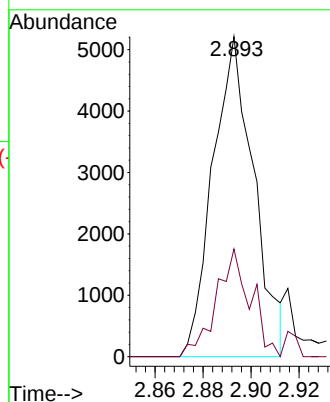
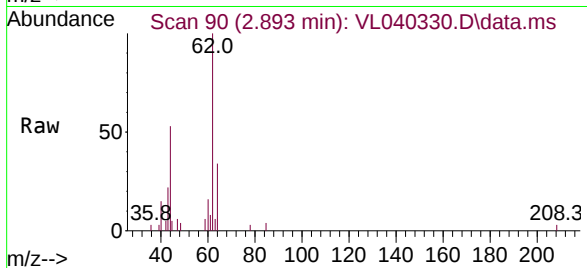
#5
 Vinyl Chloride
 Concen: 0.107 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.019 min
 Lab File: VL040330.D
 Acq: 10 Apr 2023 18:17

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

Tgt Ion: 62 Resp: 617
 Ion Ratio Lower Upper
 62 100
 64 33.7 26.4 39.6

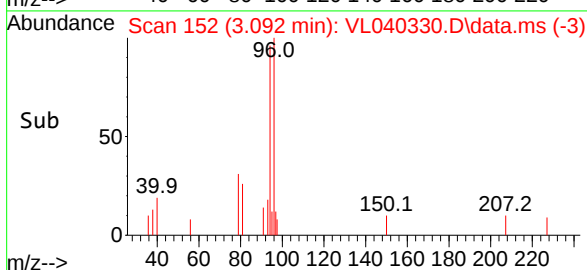
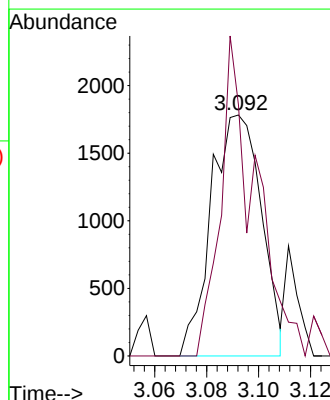
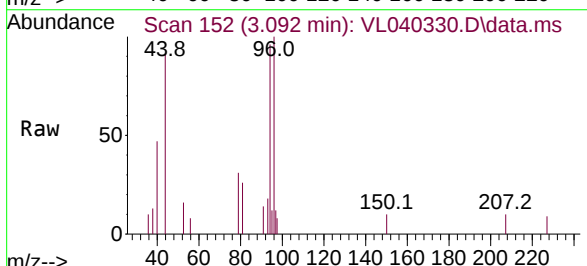
Manual Integrations
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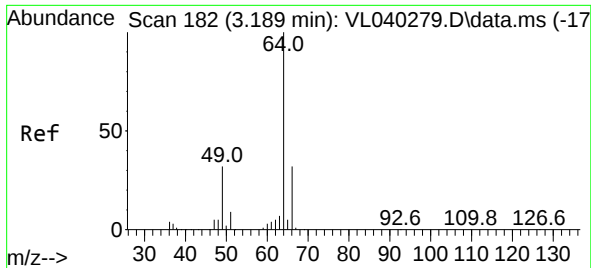
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#6
 Bromomethane
 Concen: 0.120 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.020 min
 Lab File: VL040330.D
 Acq: 10 Apr 2023 18:17

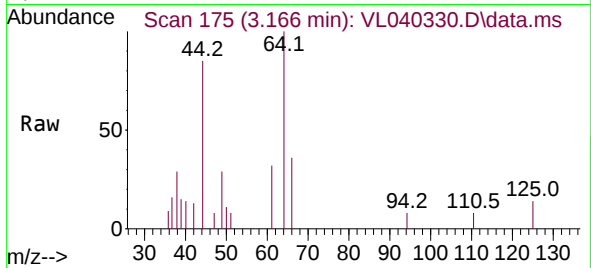
Tgt Ion: 94 Resp: 2394
 Ion Ratio Lower Upper
 94 100
 96 104.3 73.7 110.5





#7
Chloroethane
Concen: 0.113 ppbv
RT: 3.166 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

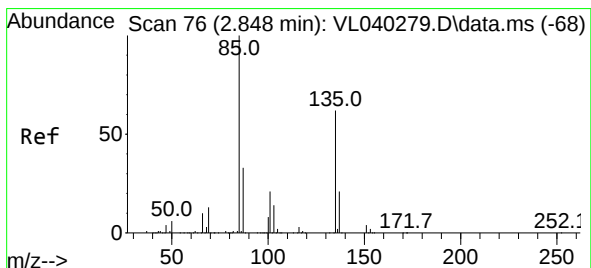
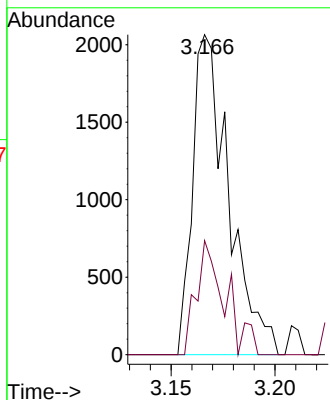
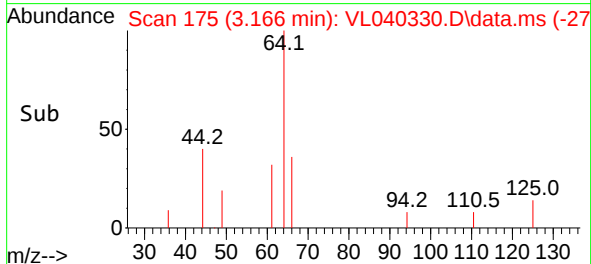
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 64 Resp: 2490
Ion Ratio Lower Upper
64 100
66 35.6 25.5 38.3

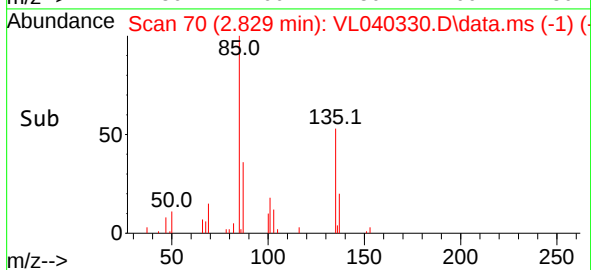
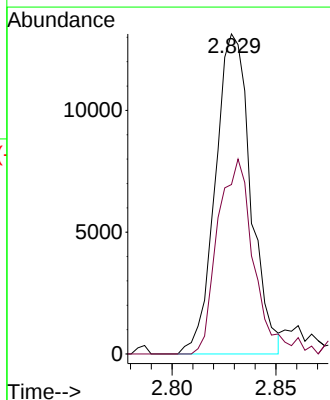
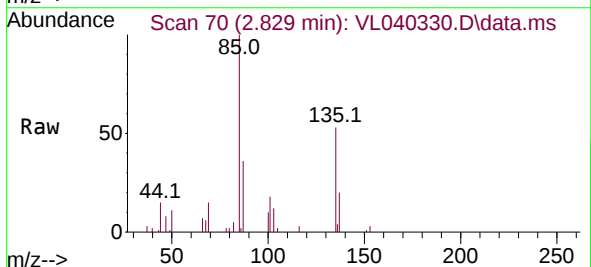
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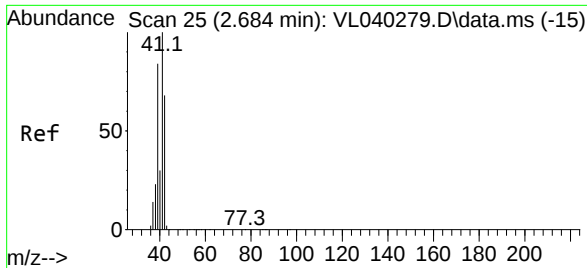
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#8
Dichlorotetrafluoroethane
Concen: 0.101 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.019 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

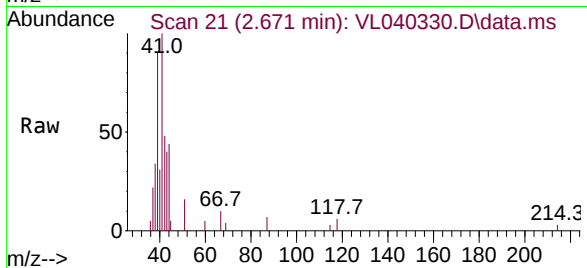
Tgt Ion: 85 Resp: 15572
Ion Ratio Lower Upper
85 100
135 64.6 52.0 78.0





#9
 Propene
 Concen: 0.143 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VL040330.D
 Acq: 10 Apr 2023 18:17

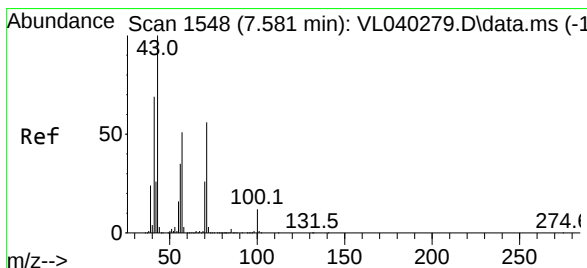
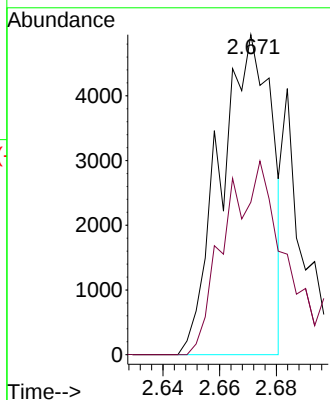
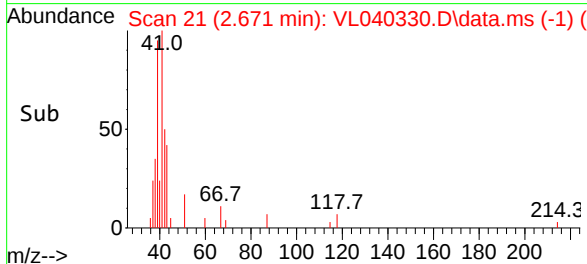
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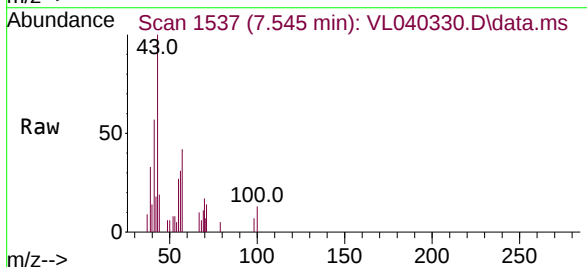
Tgt Ion: 41 Resp: 6300
 Ion Ratio Lower Upper
 41 100
 42 81.1 59.0 88.4

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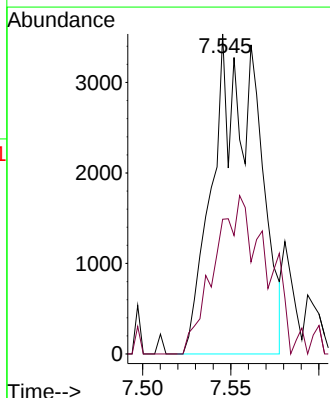
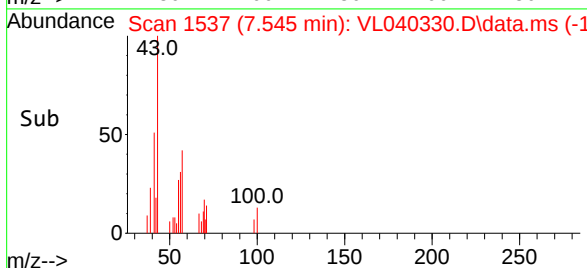
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

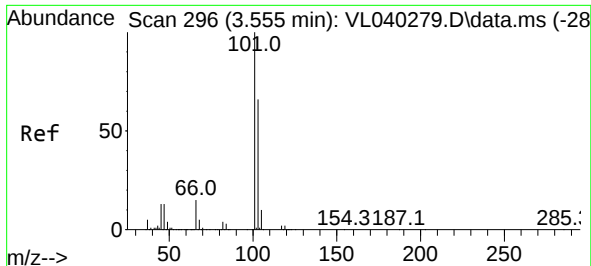


#10
 Heptane
 Concen: 0.059 ppbv m
 RT: 7.545 min Scan# 1537
 Delta R.T. -0.036 min
 Lab File: VL040330.D
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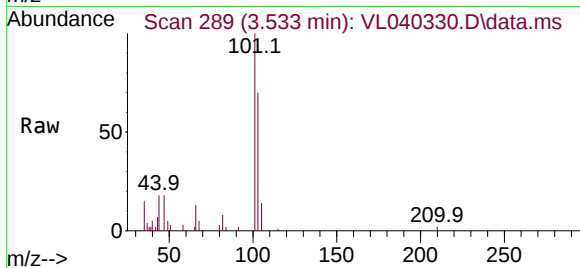
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 Ion Ratio Lower Upper
 43 100
 57 0.0 41.7 62.5





#11
 Trichlorofluoromethane
 Concen: 0.105 ppbv
 RT: 3.533 min Scan# 21
 Delta R.T. -0.022 min
 Lab File: VL040330.D
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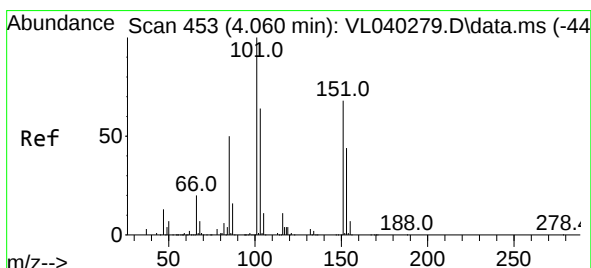
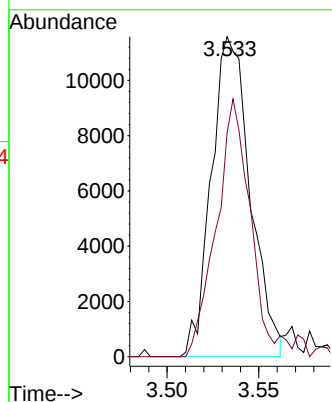
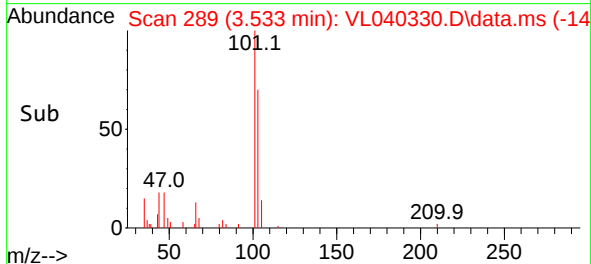
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 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



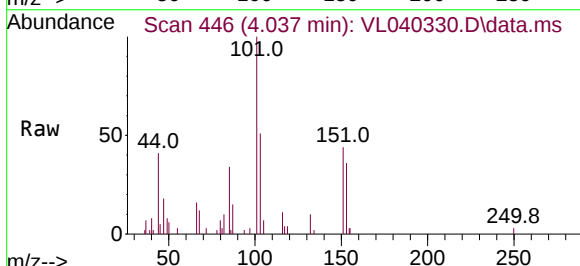
Tgt Ion:101 Resp: 17108
 Ion Ratio Lower Upper
 101 100
 103 70.0 53.1 79.7

Manual Integrations
 APPROVED

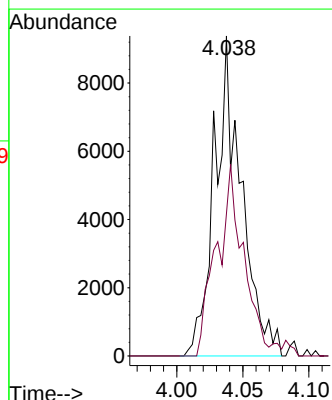
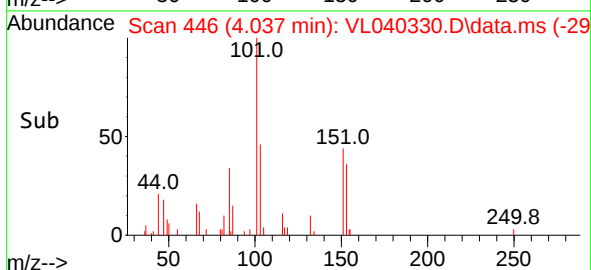
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

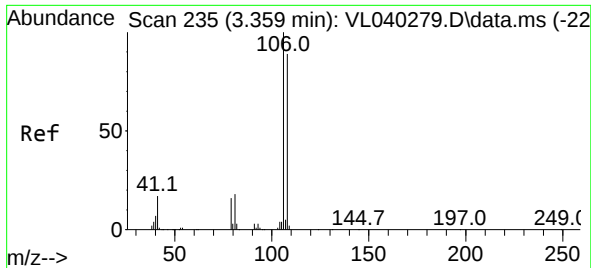


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.108 ppbv m
 RT: 4.037 min Scan# 446
 Delta R.T. -0.022 min
 Lab File: VL040330.D
 Acq: 10 Apr 2023 18:17



Tgt Ion:101 Resp: 13240
 Ion Ratio Lower Upper
 101 100
 151 62.6 53.2 79.8





#14

Bromoethene

Concen: 0.100 ppbv m

RT: 3.337 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

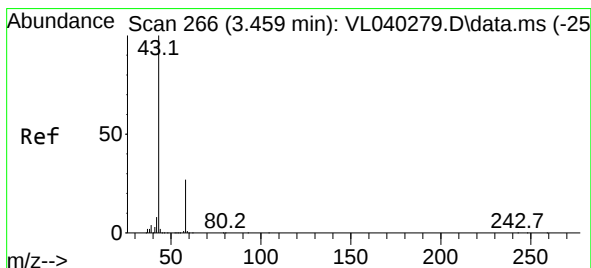
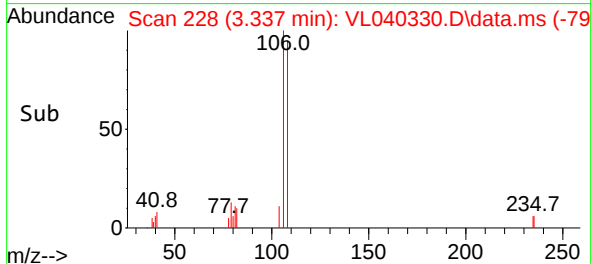
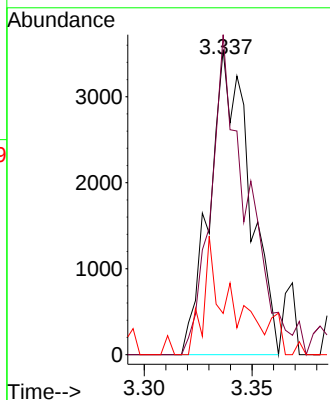
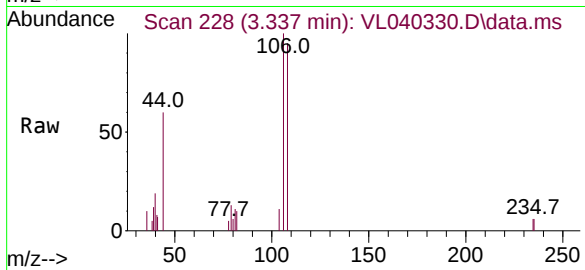
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:108	Resp:	456
Ion Ratio	Lower	Upper
108	100	
106	0.0	85.8 128.8
79	0.0	15.8 23.6

Manual Integrations

APPROVED

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



#15

Acetone

Concen: 0.199 ppbv m

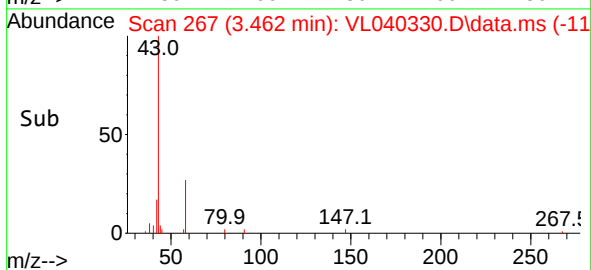
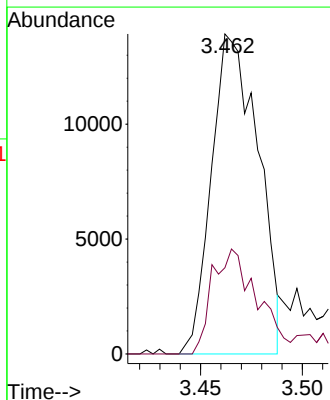
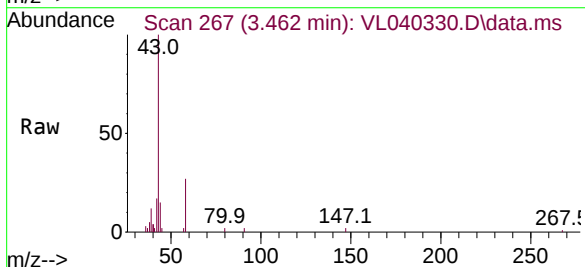
RT: 3.462 min Scan# 267

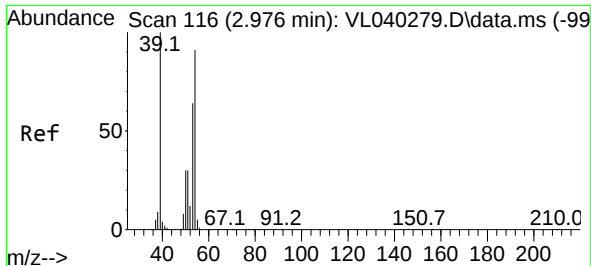
Delta R.T. 0.003 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Tgt Ion: 43	Resp:	22198
Ion Ratio	Lower	Upper
43	100	
58	37.9	21.8 32.8





#16

1,3-Butadiene

Concen: 0.086 ppbv

RT: 2.957 min Scan# 116

Delta R.T. -0.019 min

Lab File: VL040330.D

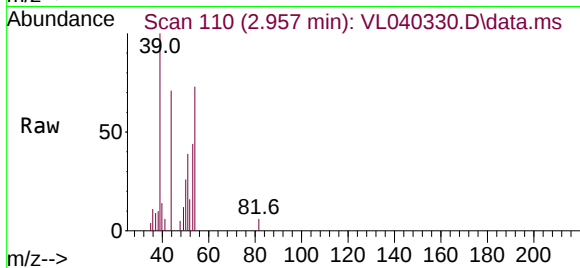
Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 39 Resp: 437

Ion Ratio Lower Upper

39 100

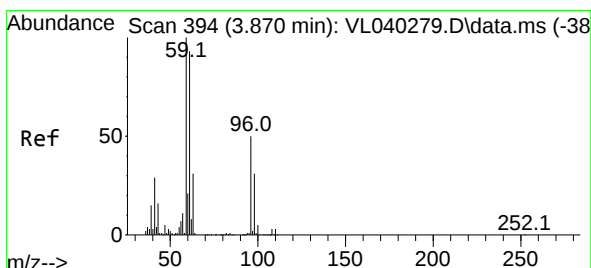
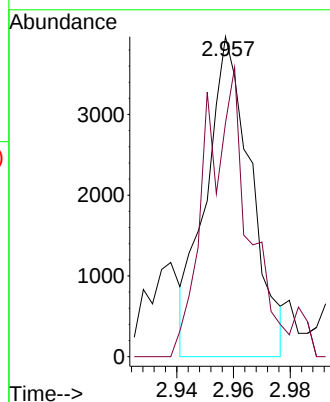
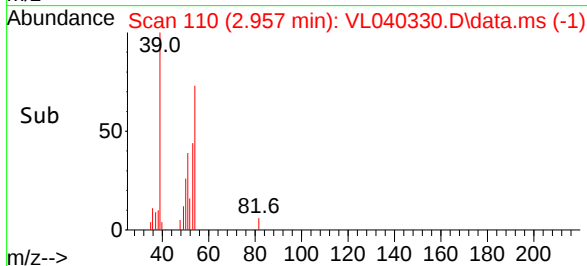
54 92.5 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#17

tert-Butyl alcohol

Concen: 0.105 ppbv m

RT: 3.883 min Scan# 398

Delta R.T. 0.013 min

Lab File: VL040330.D

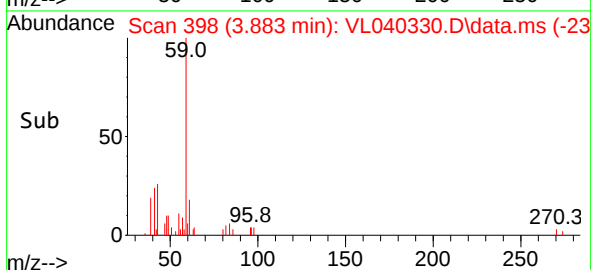
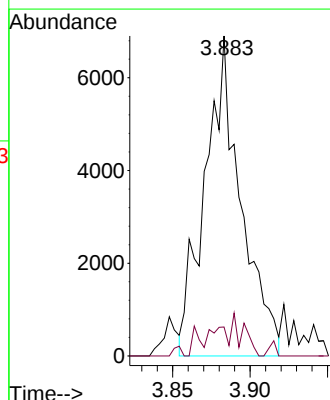
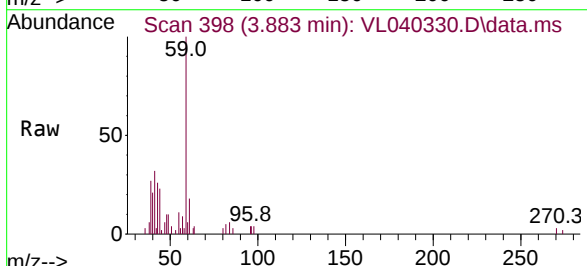
Acq: 10 Apr 2023 18:17

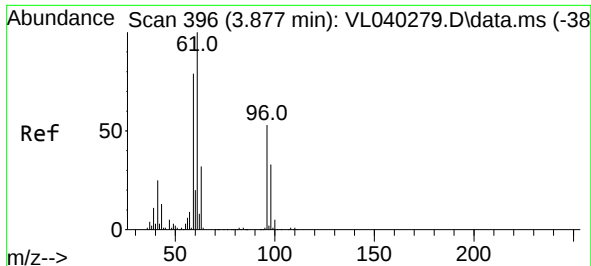
Tgt Ion: 59 Resp: 11137

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#18

1,1-Dichloroethene

Concen: 0.090 ppbv

RT: 3.854 min Scan# 301

Delta R.T. -0.023 min

Lab File: VL040330.D

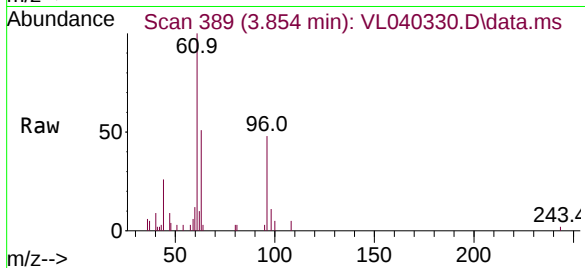
Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



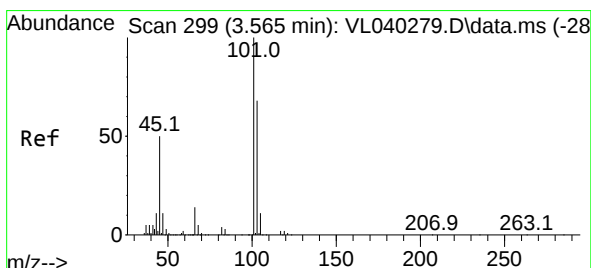
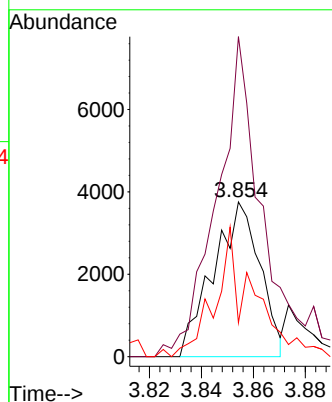
Tgt Ion: 96 Resp: 4709

Ion	Ratio	Lower	Upper
96	100		
61	192.3	150.6	226.0
98	16.4	50.3	75.5

Manual Integrations

APPROVED

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



#19

Isopropyl Alcohol

Concen: 0.094 ppbv m

RT: 3.575 min Scan# 302

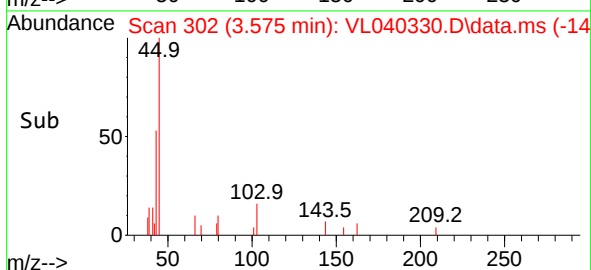
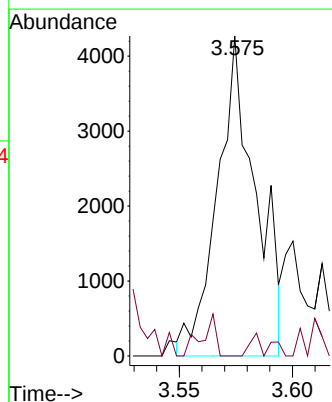
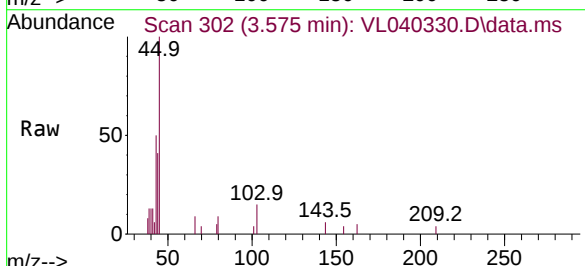
Delta R.T. 0.010 min

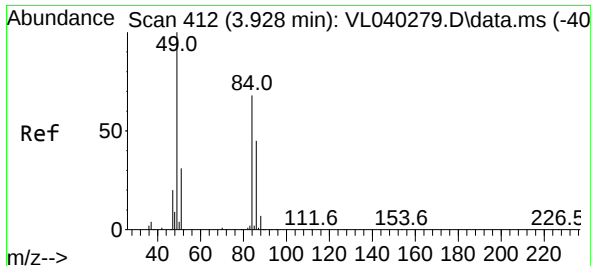
Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Tgt Ion: 45 Resp: 5022

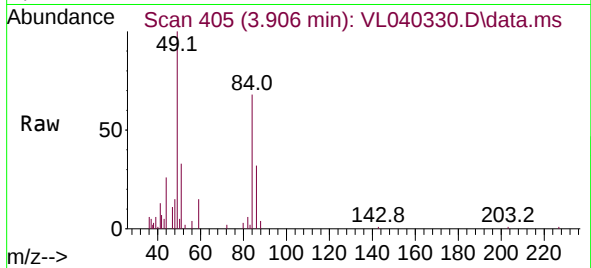
Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.7	4.1#





#20
Methylene Chloride
Concen: 0.265 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.022 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

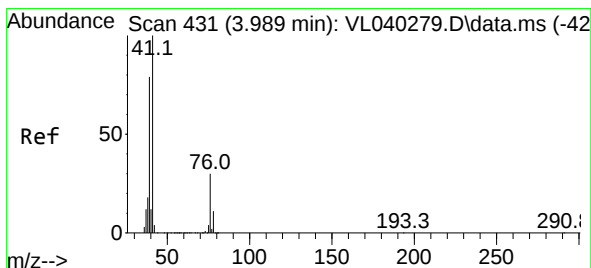
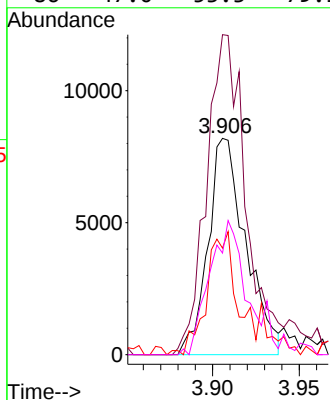
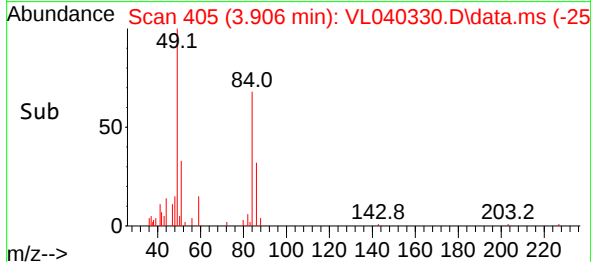
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 84 Resp: 12428
Ion Ratio Lower Upper
84 100
49 145.0 117.5 176.3
51 47.4 36.9 55.3
86 47.0 53.3 79.9#

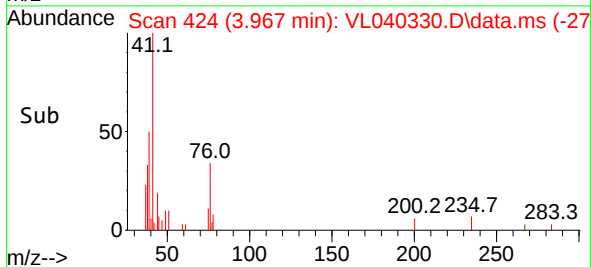
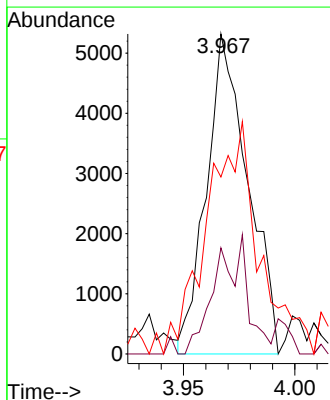
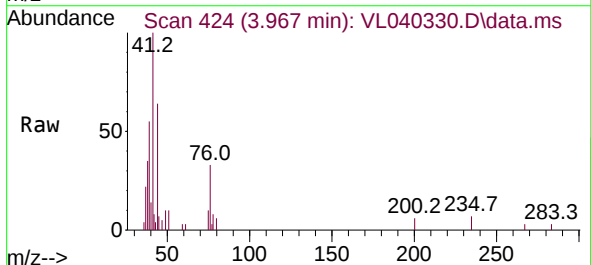
Manual Integrations
APPROVED

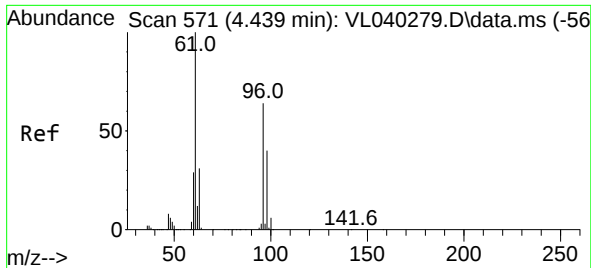
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#21
Allyl Chloride
Concen: 0.095 ppbv
RT: 3.967 min Scan# 424
Delta R.T. -0.022 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

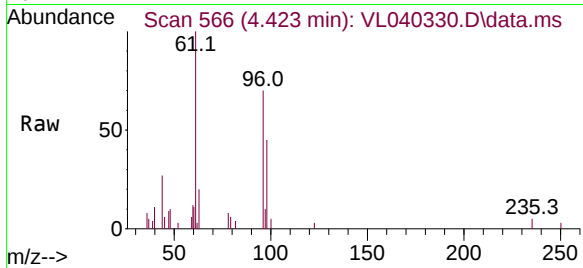
Tgt Ion: 41 Resp: 6870
Ion Ratio Lower Upper
41 100
76 33.7 25.4 38.0
39 103.5 65.4 98.2#





#22
trans-1,2-Dichloroethene
Concen: 0.108 ppbv m
RT: 4.423 min Scan# 571
Delta R.T. -0.016 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

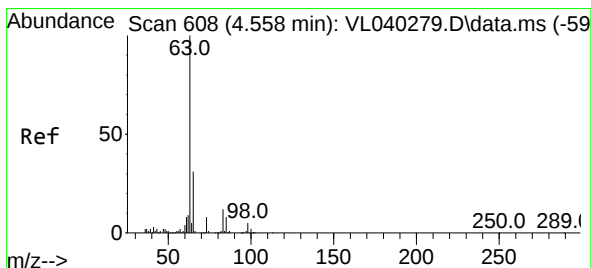
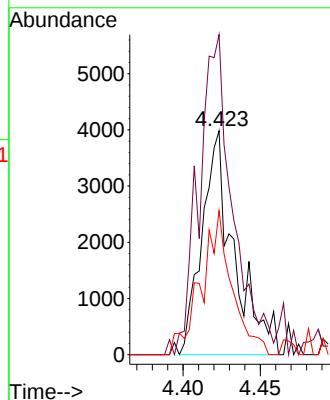
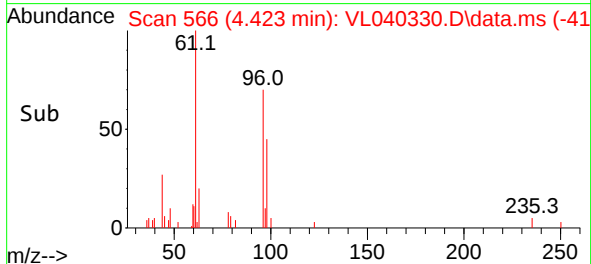
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



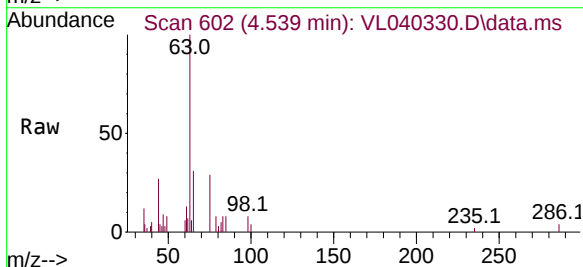
Tgt Ion: 96 Resp: 574
Ion Ratio Lower Upper
96 100
61 143.0 125.4 188.2
98 64.4 49.8 74.6

Manual Integrations
APPROVED

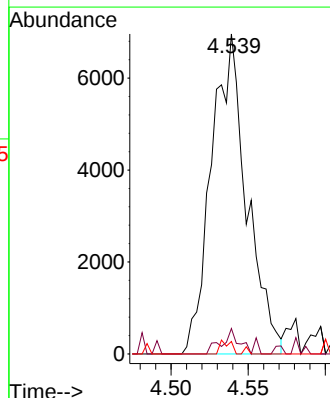
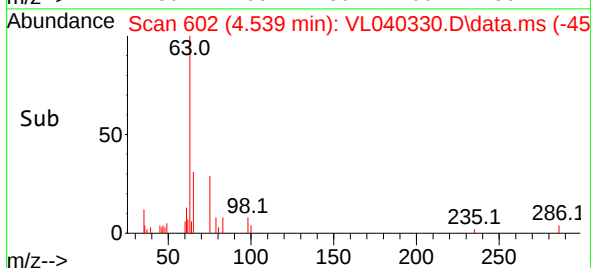
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

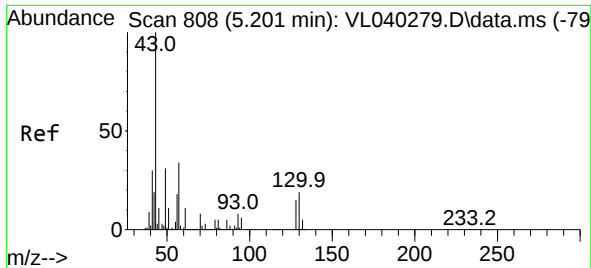


#24
1,1-Dichloroethane
Concen: 0.101 ppbv m
RT: 4.539 min Scan# 602
Delta R.T. -0.019 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17



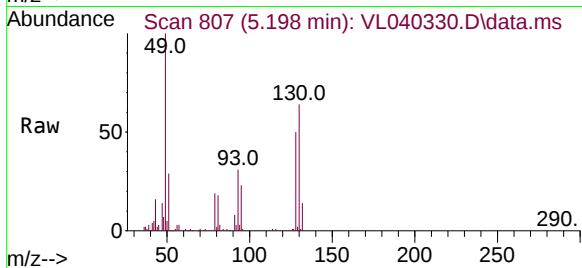
Tgt Ion: 63 Resp: 11133
Ion Ratio Lower Upper
63 100
98 7.9 2.4 7.2#
100 3.9 1.2 3.6#





#25
Ethyl Acetate
Concen: 0.085 ppbv m
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

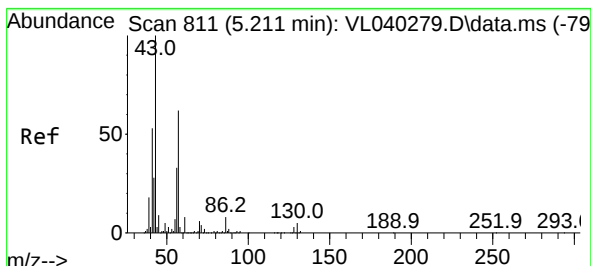
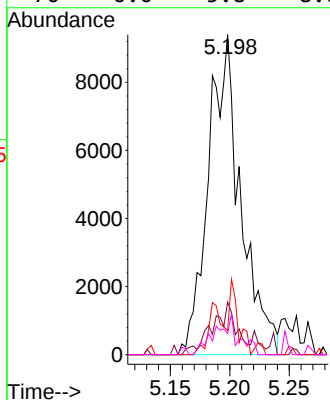
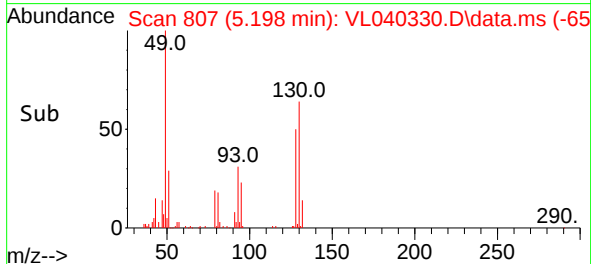
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 43 Resp: 17800
Ion Ratio Lower Upper
43 100
45 0.0 8.6 12.8
61 0.0 8.4 12.6
70 0.0 5.8 8.6#

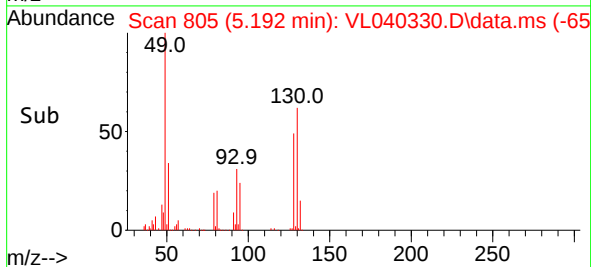
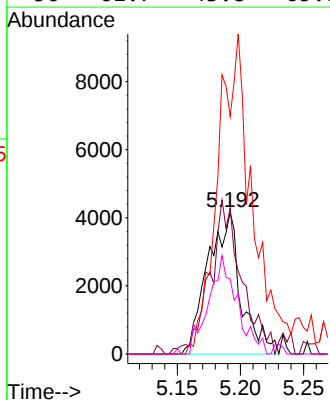
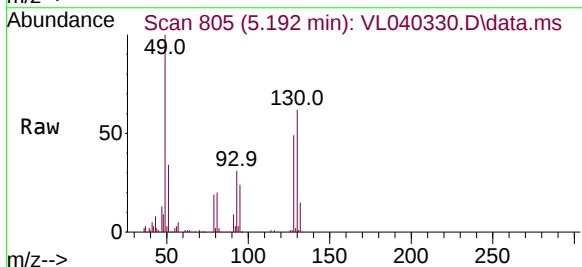
Manual Integrations
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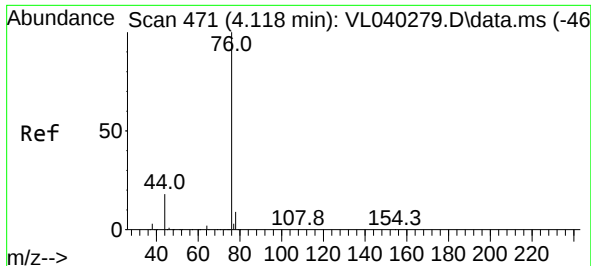
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#26
Hexane
Concen: 0.089 ppbv m
RT: 5.192 min Scan# 805
Delta R.T. -0.019 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

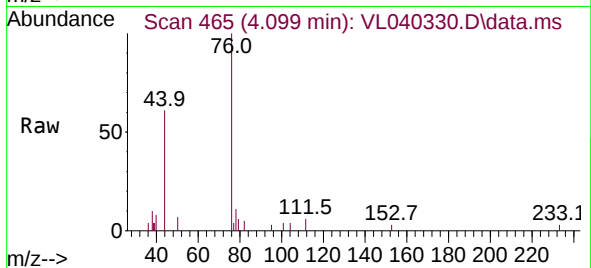
Tgt Ion: 57 Resp: 7615
Ion Ratio Lower Upper
57 100
41 105.4 73.5 110.3
43 0.0 196.3 294.5#
56 61.7 43.8 65.8





#27
Carbon Disulfide
Concen: 0.067 ppbv
RT: 4.099 min Scan# 409
Delta R.T. -0.019 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

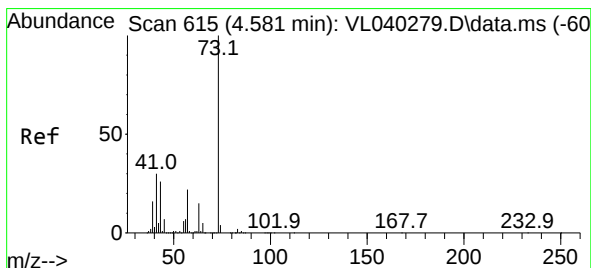
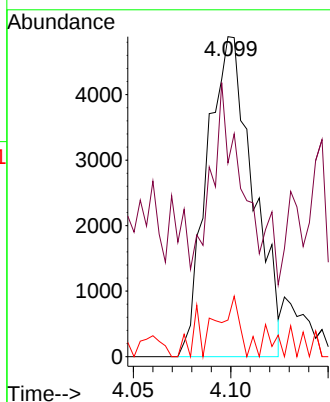
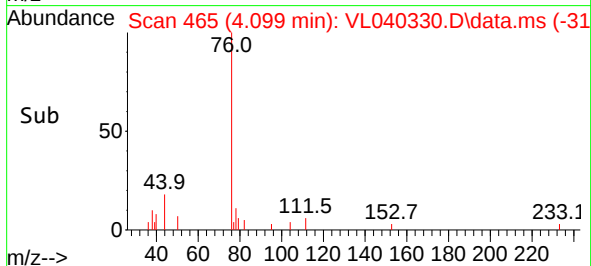
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 76 Resp: 8014
Ion Ratio Lower Upper
76 100
44 52.4 15.2 22.8
78 12.1 7.6 11.4

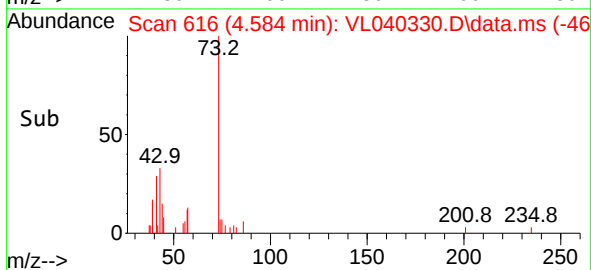
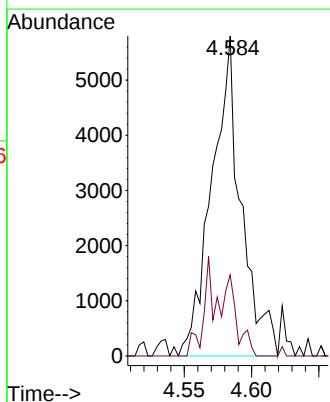
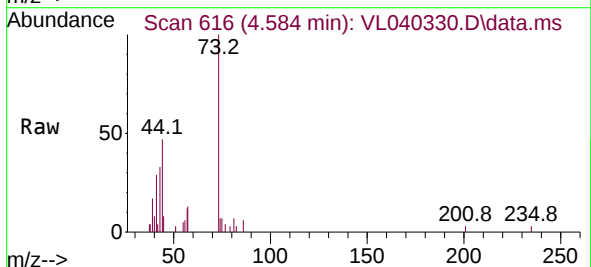
Manual Integrations
APPROVED

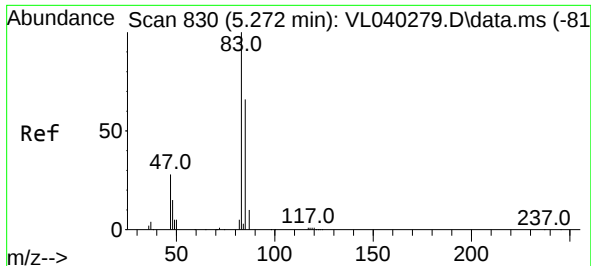
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#28
Methyl tert-Butyl Ether
Concen: 0.089 ppbv m
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion: 73 Resp: 8796
Ion Ratio Lower Upper
73 100
57 23.7 18.4 27.6





#29

Chloroform

Concen: 0.099 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040330.D

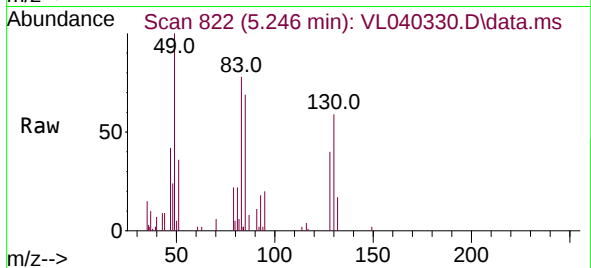
Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

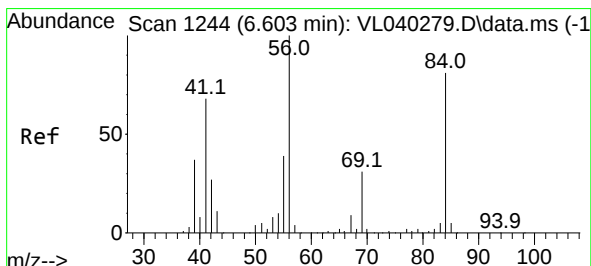
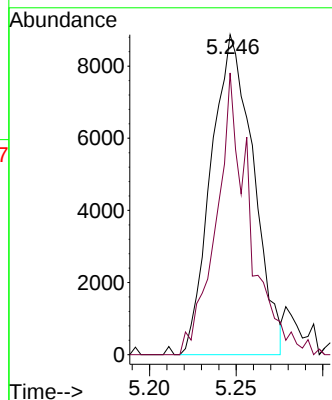
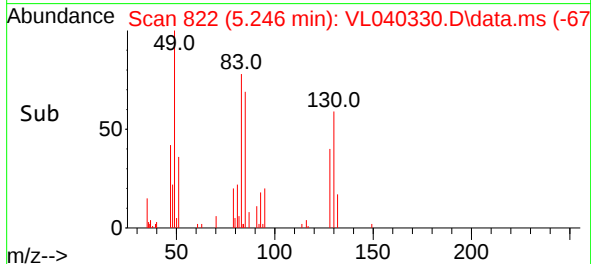


Tgt Ion:	83	Resp:	15040
Ion Ratio	Lower	Upper	
83	100		
85	88.1	52.8	79.2

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 0.064 ppbv m

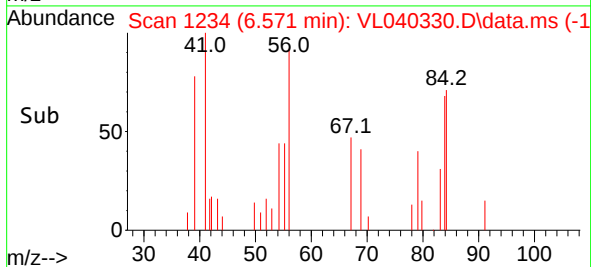
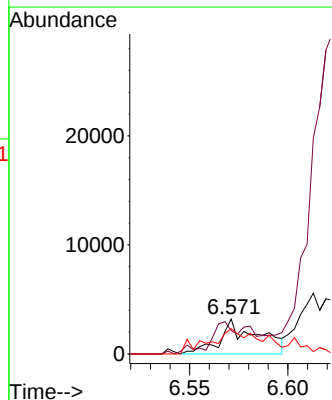
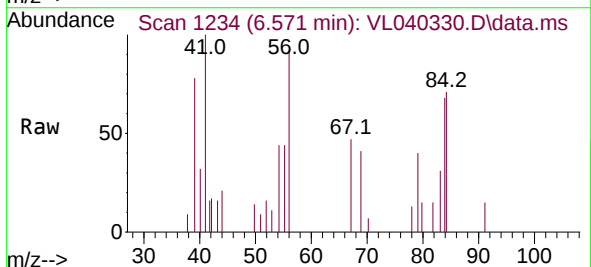
RT: 6.571 min Scan# 1234

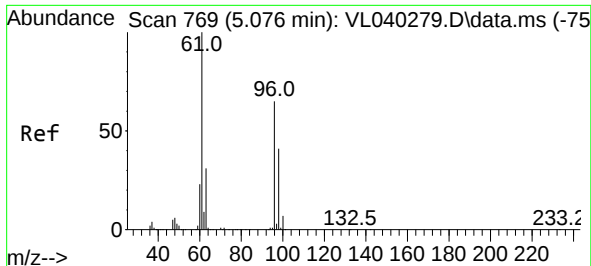
Delta R.T. -0.032 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Tgt Ion:	84	Resp:	4305
Ion Ratio	Lower	Upper	
84	100		
56	0.0	109.0	163.4#
41	120.1	67.9	101.9#





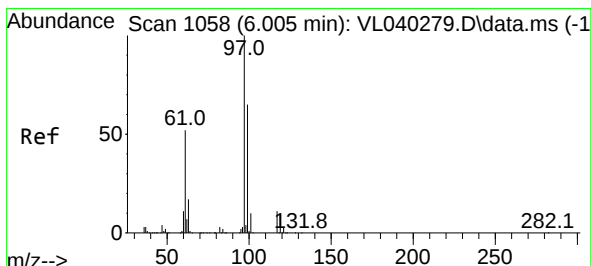
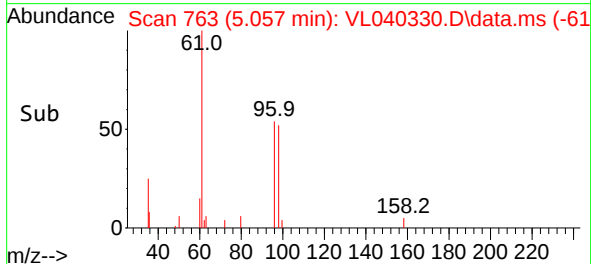
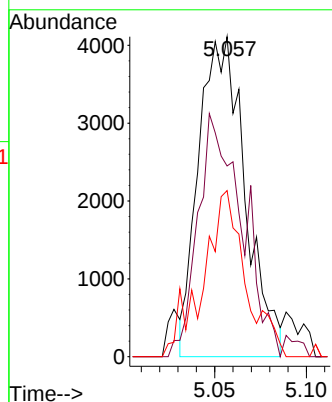
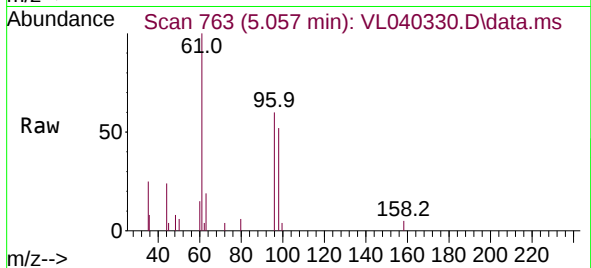
#31
 cis-1,2-Dichloroethene
 Concen: 0.086 ppbv
 RT: 5.057 min Scan# 769
 Delta R.T. -0.019 min
 Lab File: VL040330.D
 Acq: 10 Apr 2023 18:17

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

Tgt Ion: 61 Resp: 720
 Ion Ratio Lower Upper
 61 100
 96 65.5 51.8 77.8
 98 52.6 32.5 48.7

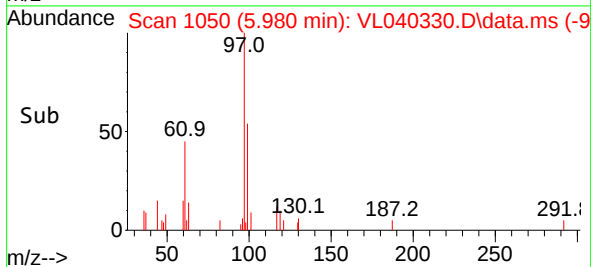
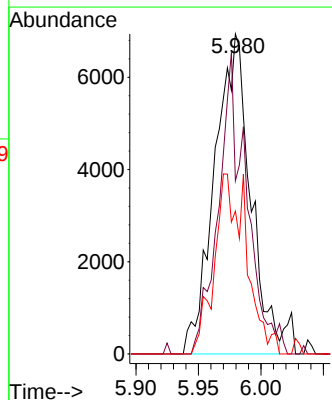
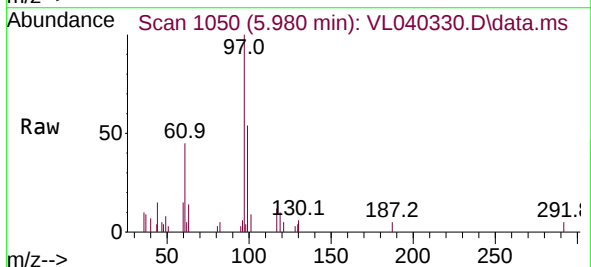
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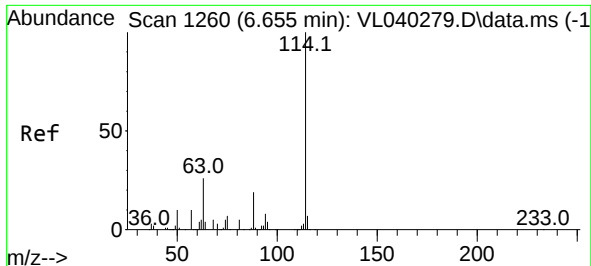
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.095 ppbv m
 RT: 5.980 min Scan# 1050
 Delta R.T. -0.025 min
 Lab File: VL040330.D
 Acq: 10 Apr 2023 18:17

Tgt Ion: 97 Resp: 13773
 Ion Ratio Lower Upper
 97 100
 99 74.3 52.2 78.2
 61 0.0 41.4 62.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion:114 Resp: 223579

Ion Ratio Lower Upper

114 100

63 26.1 21.2 31.8

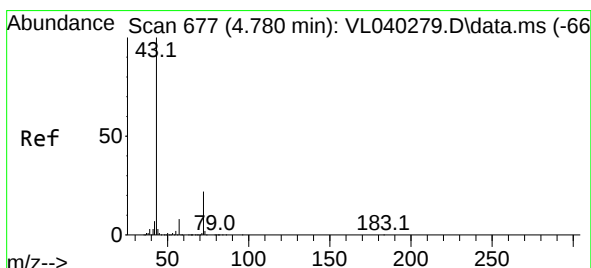
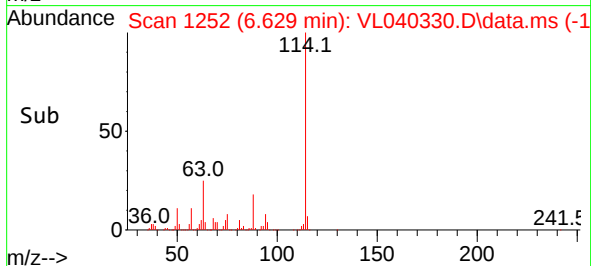
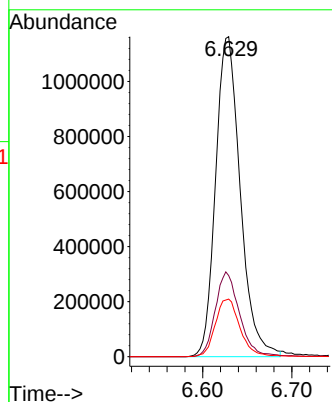
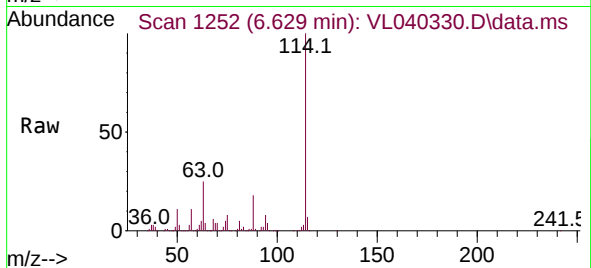
88 18.3 14.5 21.7

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Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#34

2-Butanone

Concen: 0.110 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL040330.D

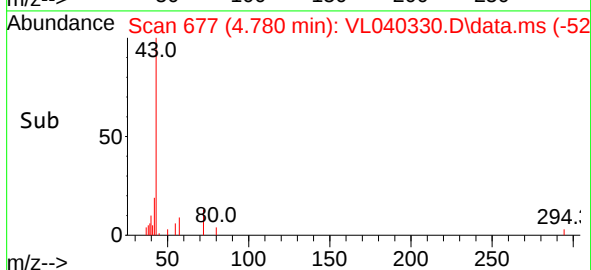
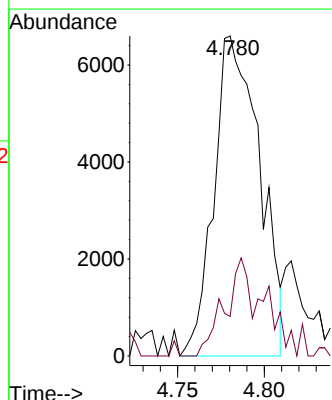
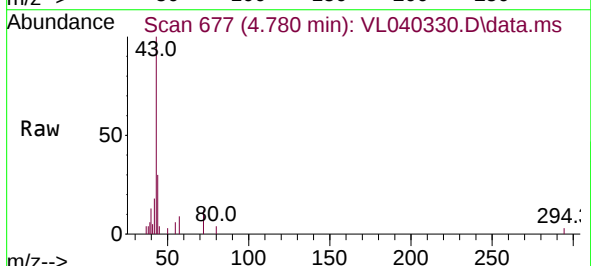
Acq: 10 Apr 2023 18:17

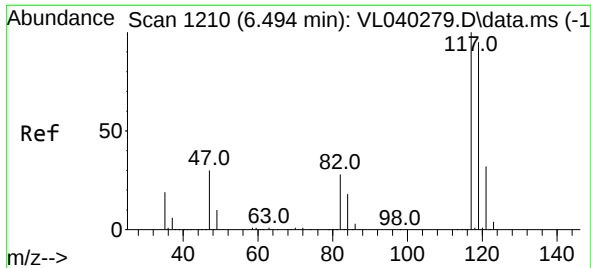
Tgt Ion: 43 Resp: 12090

Ion Ratio Lower Upper

43 100

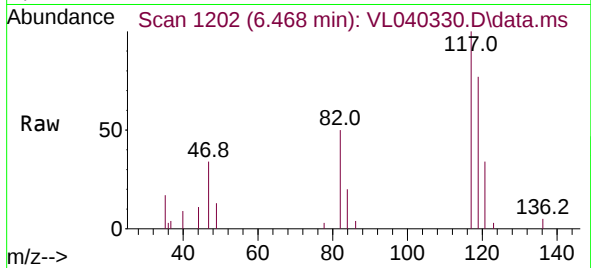
72 27.2 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.087 ppbv
RT: 6.468 min Scan# 1165
Delta R.T. -0.026 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

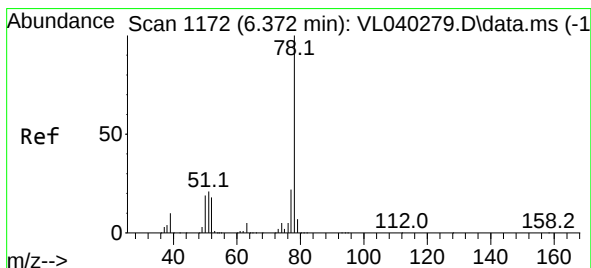
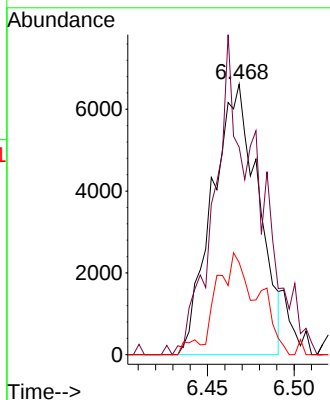
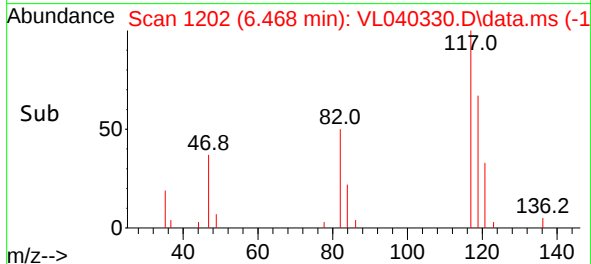
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 117 Resp: 12189
Ion Ratio Lower Upper
117 100
119 73.4 76.4 114.6#
121 34.0 25.6 38.4

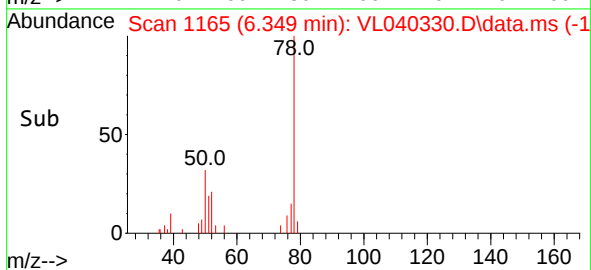
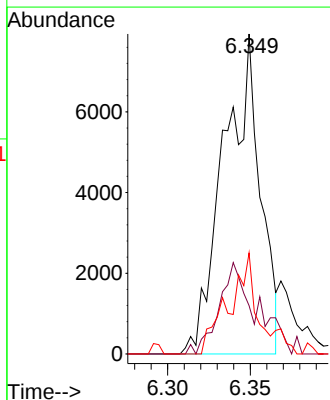
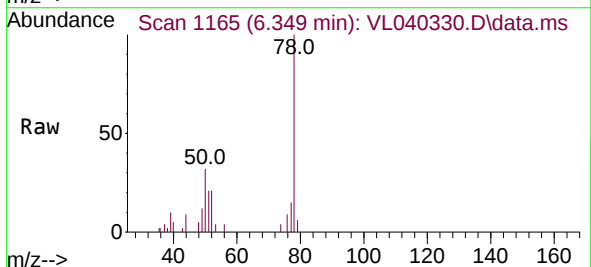
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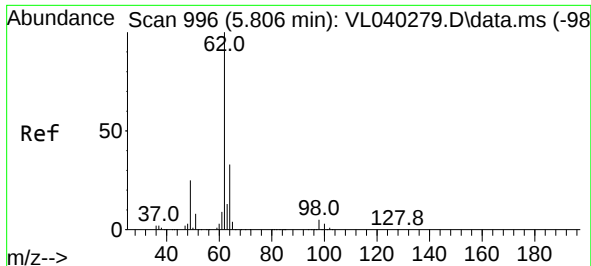
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#36
Benzene
Concen: 0.071 ppbv m
RT: 6.349 min Scan# 1165
Delta R.T. -0.023 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion: 78 Resp: 12163
Ion Ratio Lower Upper
78 100
77 15.1 17.8 26.8#
50 31.6 15.4 23.2#





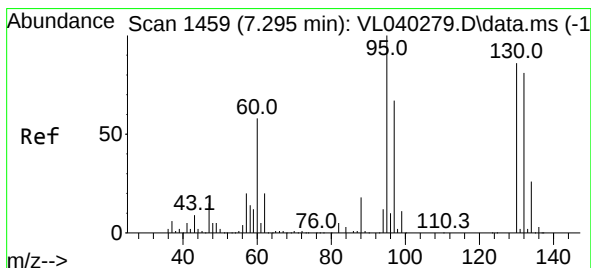
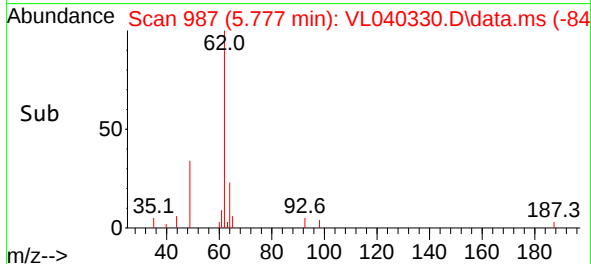
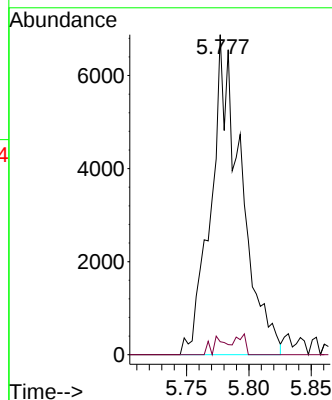
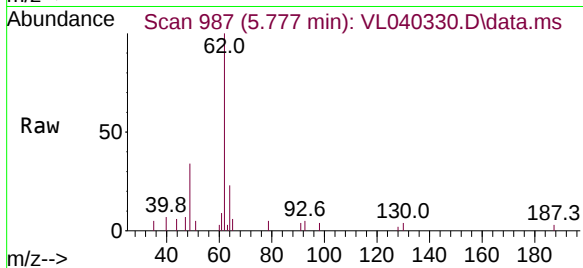
#37
1,2-Dichloroethane
Concen: 0.105 ppbv m
RT: 5.777 min Scan# 91
Delta R.T. -0.029 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion: 62 Resp: 1160
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5

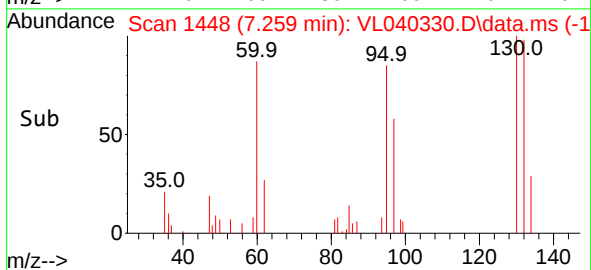
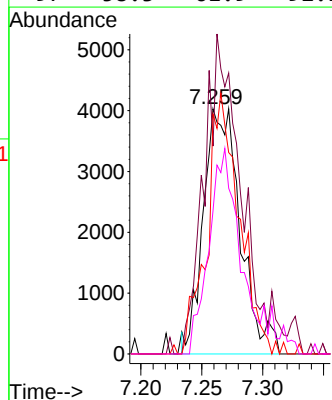
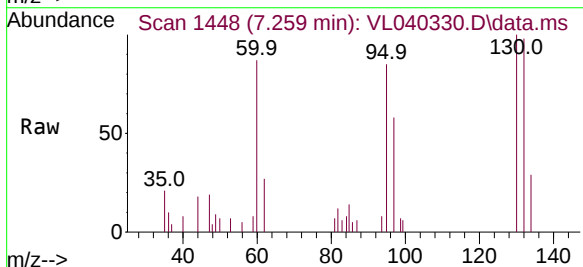
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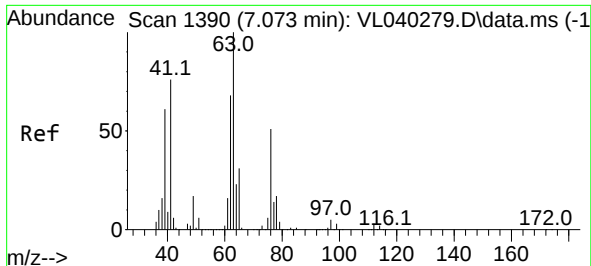
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#38
Trichloroethene
Concen: 0.090 ppbv m
RT: 7.259 min Scan# 1448
Delta R.T. -0.036 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion:130 Resp: 8416
Ion Ratio Lower Upper
130 100
95 84.8 93.0 139.4#
132 97.7 75.3 112.9
97 58.3 61.9 92.9#





#39

1,2-Dichloropropane

Concen: 0.102 ppbv m

RT: 7.047 min Scan# 1382

Delta R.T. -0.026 min

Lab File: VL040330.D

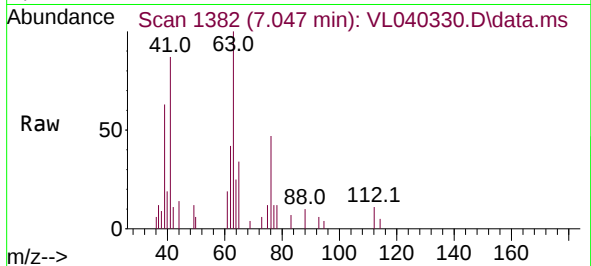
Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



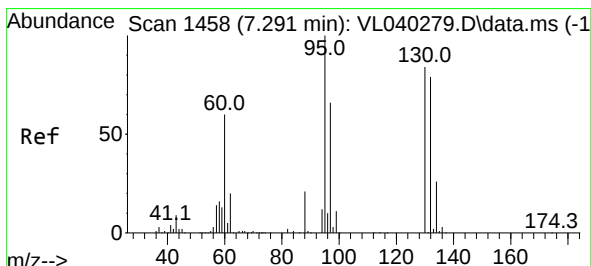
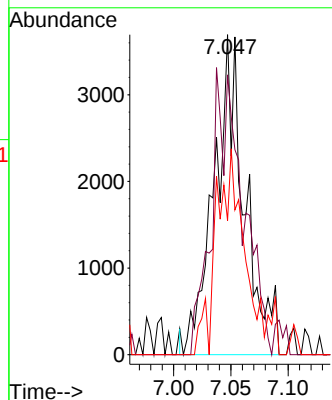
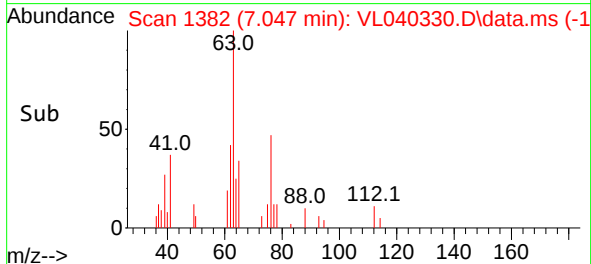
Tgt Ion:	63	Resp:	6804
Ion Ratio	100	Lower	Upper
63	100		
41	87.5	60.8	91.2
62	41.9	54.1	81.1

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Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#40

1,4-Dioxane

Concen: 0.083 ppbv m

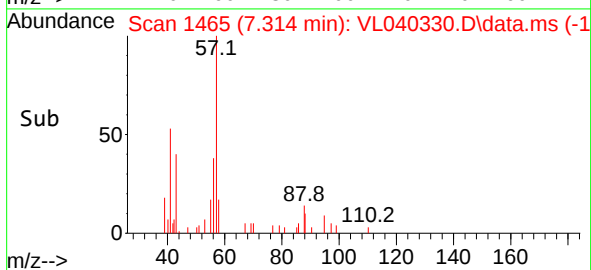
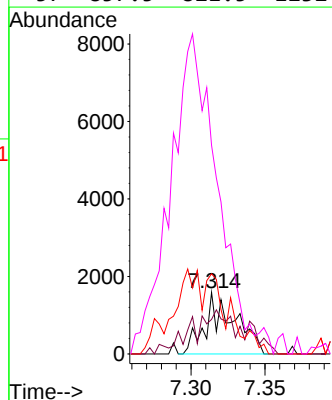
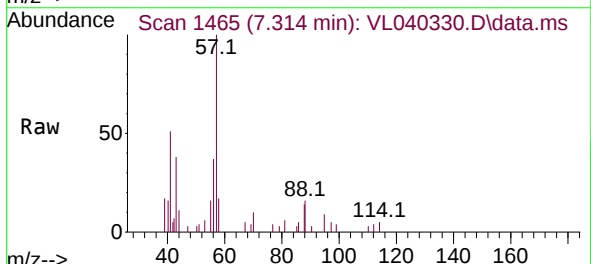
RT: 7.314 min Scan# 1465

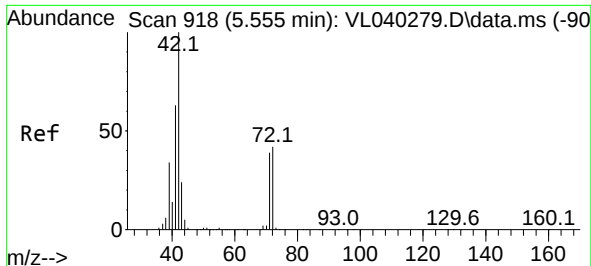
Delta R.T. 0.023 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Tgt Ion:	88	Resp:	2187
Ion Ratio	100	Lower	Upper
88	100		
58	0.0	96.0	144.0
43	240.5	187.6	281.4
57	857.5	821.5	1232.3





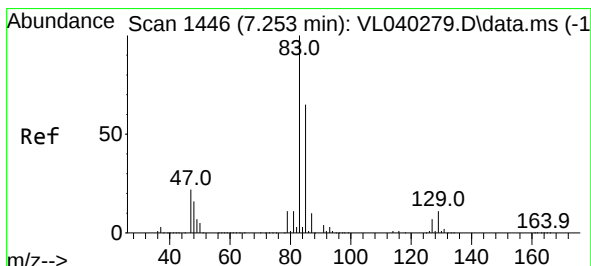
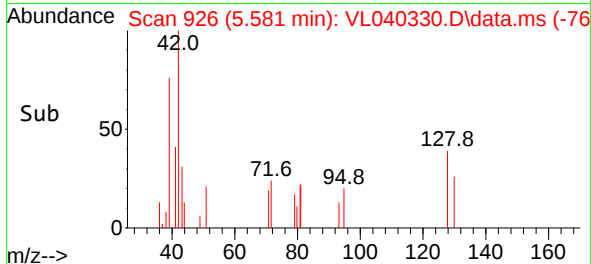
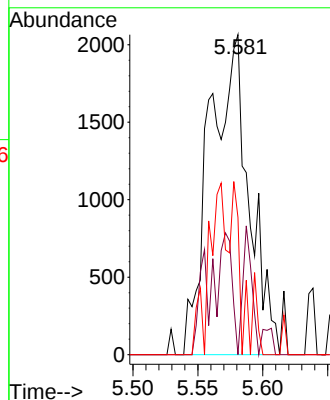
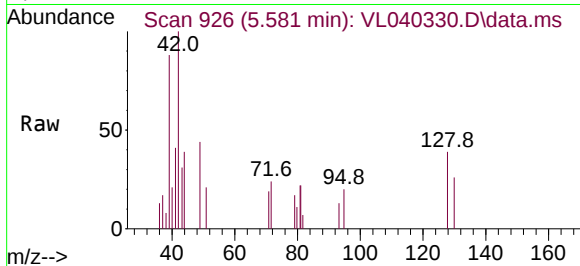
#41
Tetrahydrofuran
Concen: 0.069 ppbv m
RT: 5.581 min Scan# 918
Delta R.T. 0.026 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion: 42 Resp: 4364
Ion Ratio Lower Upper
42 100
72 0.0 32.6 49.0
71 0.0 31.0 46.4

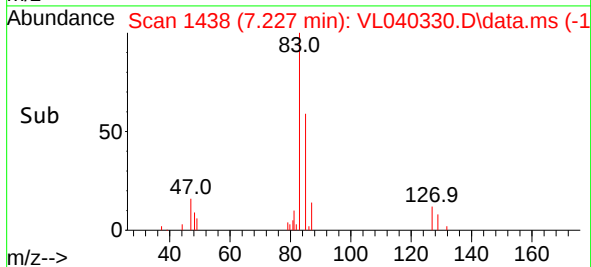
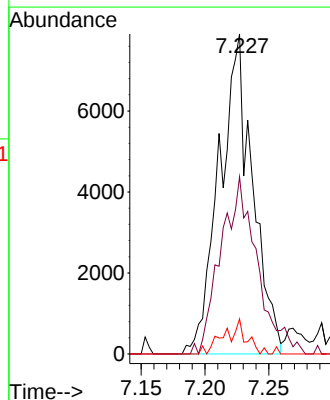
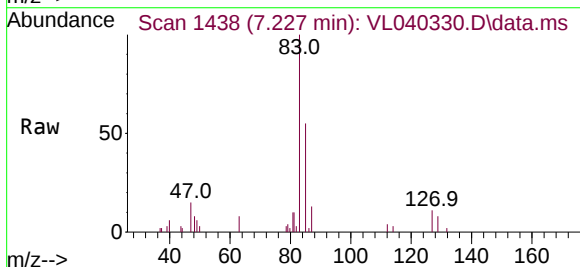
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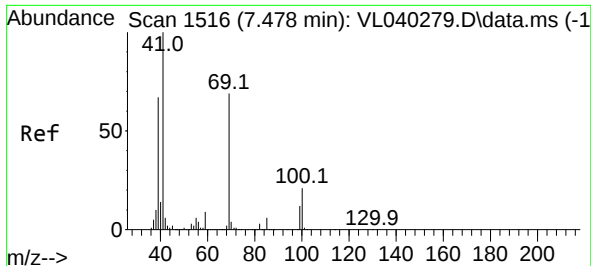
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#42
Bromodichloromethane
Concen: 0.094 ppbv m
RT: 7.227 min Scan# 1438
Delta R.T. -0.026 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion: 83 Resp: 14276
Ion Ratio Lower Upper
83 100
85 55.4 52.1 78.1
127 10.9 5.8 8.6





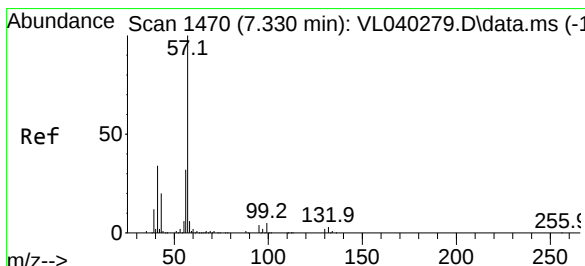
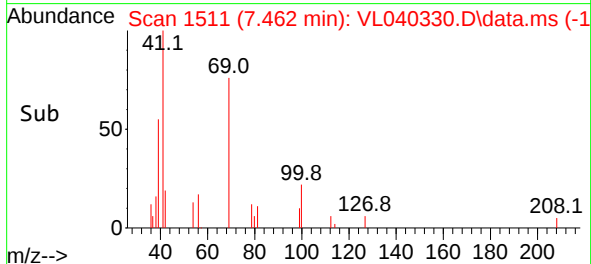
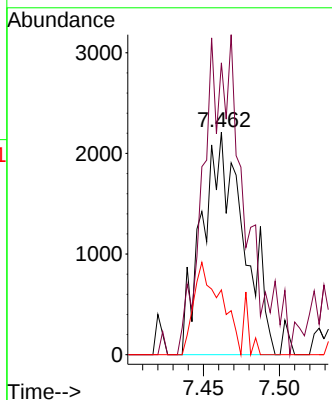
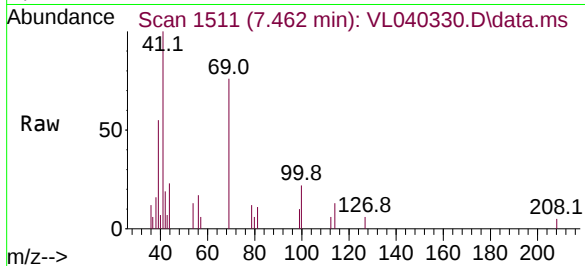
#43
Methyl Methacrylate
Concen: 0.066 ppbv m
RT: 7.462 min Scan# 1461
Delta R.T. -0.016 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion: 69 Resp: 4169
Ion Ratio Lower Upper
69 100
41 0.0 116.9 175.3#
100 31.0 24.2 36.4

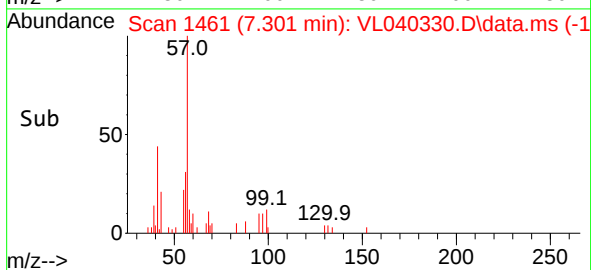
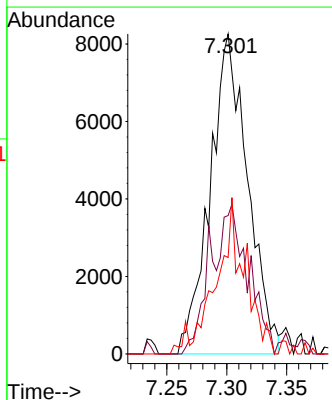
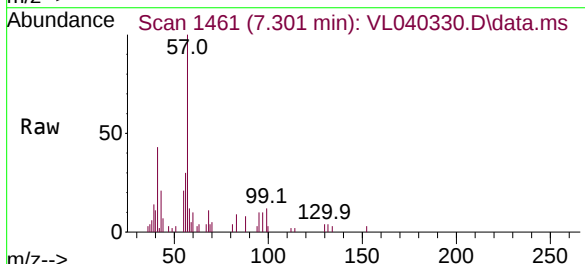
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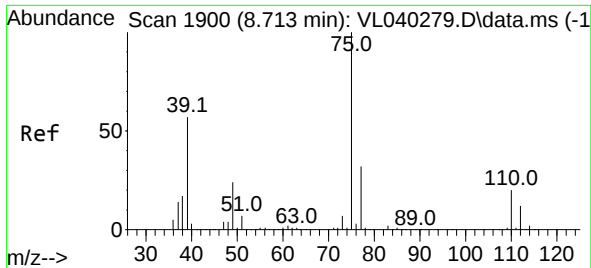
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#44
2,2,4-Trimethylpentane
Concen: 0.063 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.029 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion: 57 Resp: 18018
Ion Ratio Lower Upper
57 100
41 49.4 26.8 40.2#
56 38.3 25.0 37.6#





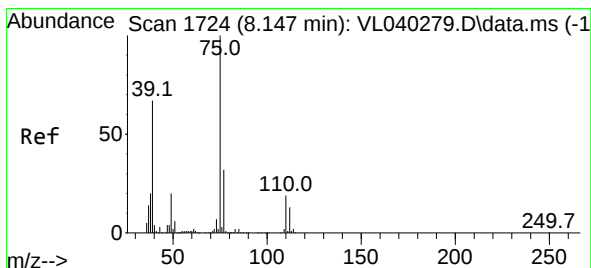
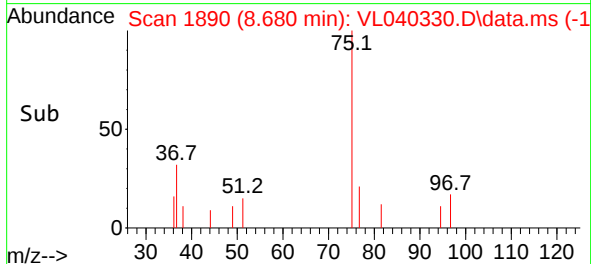
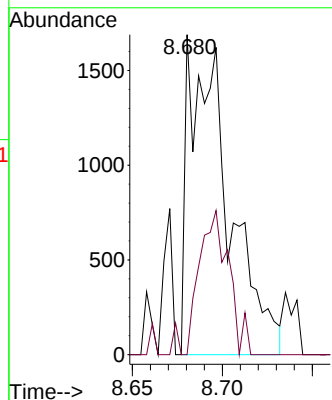
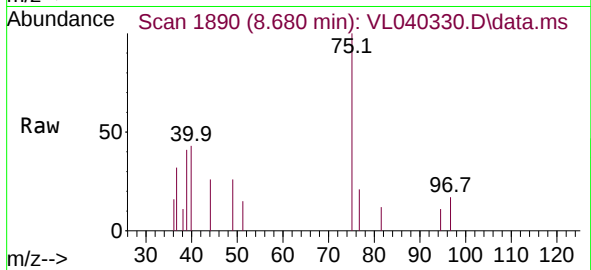
#45
t-1,3-Dichloropropene
Concen: 0.048 ppbv m
RT: 8.680 min Scan# 1716
Delta R.T. -0.033 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion: 75 Resp: 2632
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0

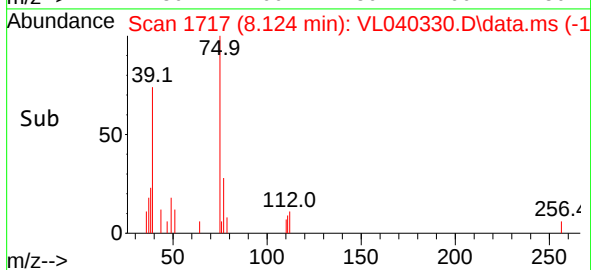
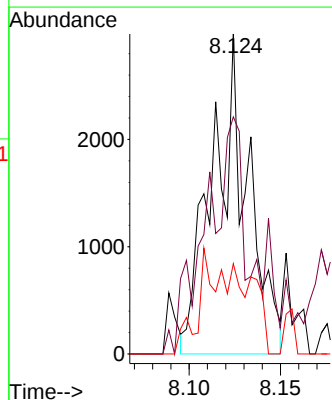
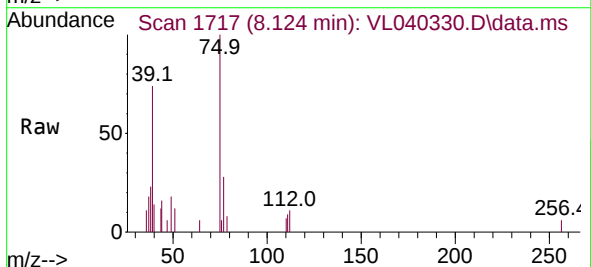
Manual Integrations
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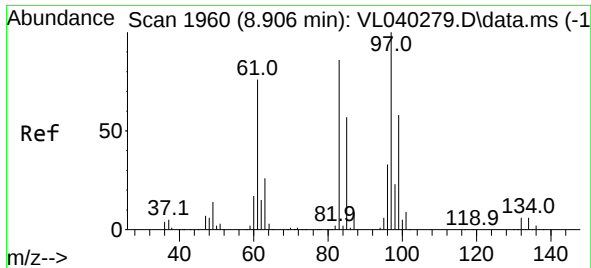
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#46
cis-1,3-Dichloropropene
Concen: 0.051 ppbv m
RT: 8.124 min Scan# 1717
Delta R.T. -0.023 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion: 75 Resp: 4034
Ion Ratio Lower Upper
75 100
39 74.1 53.9 80.9
77 28.2 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 0.102 ppbv m

RT: 8.877 min Scan# 1960

Delta R.T. -0.029 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

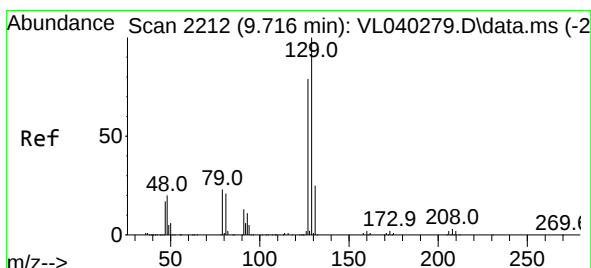
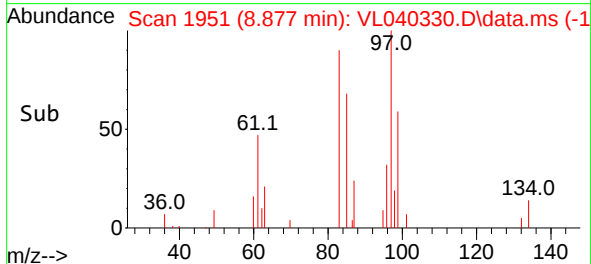
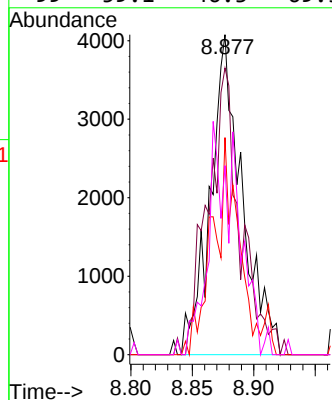
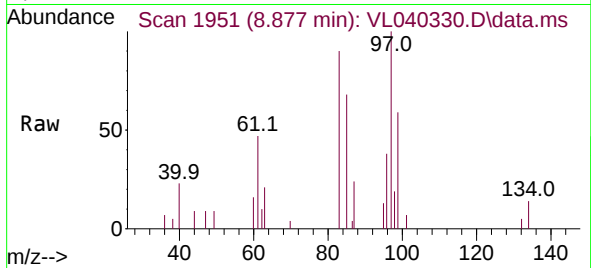
Tgt Ion: 97	Resp: 728
Ion Ratio	Lower Upper
97 100	
83 89.6	68.6 103.0
85 67.8	46.0 69.0
99 59.1	46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#48

Dibromochloromethane

Concen: 0.076 ppbv m

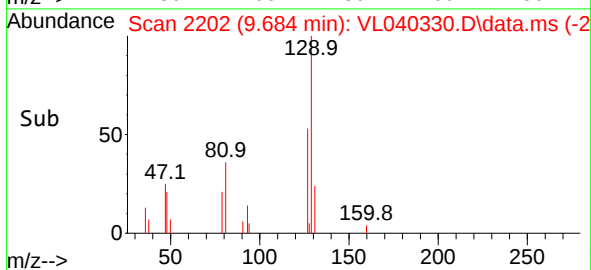
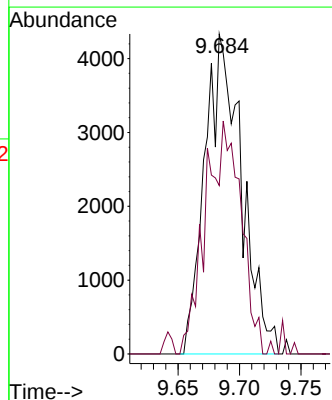
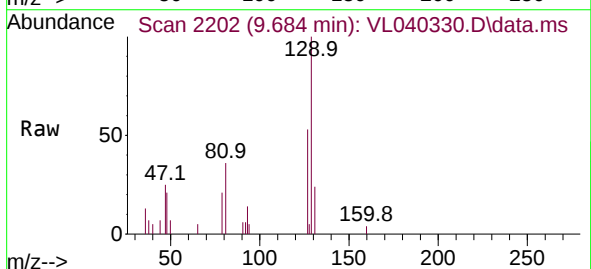
RT: 9.684 min Scan# 2202

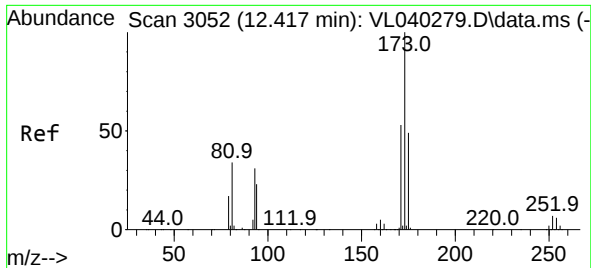
Delta R.T. -0.032 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

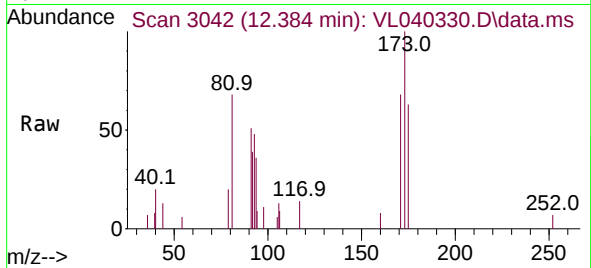
Tgt Ion:129	Resp:	8974	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.5#





#49
Bromoform
Concen: 0.057 ppbv m
RT: 12.384 min Scan# 3052
Delta R.T. -0.033 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

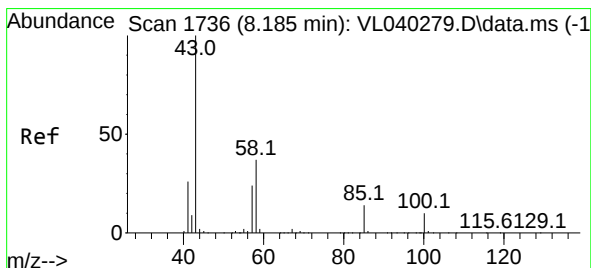
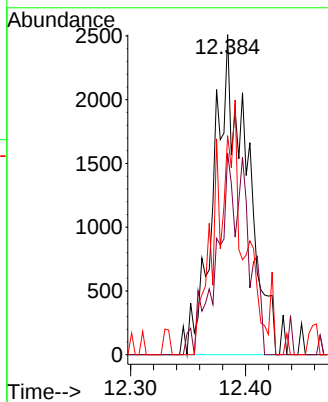
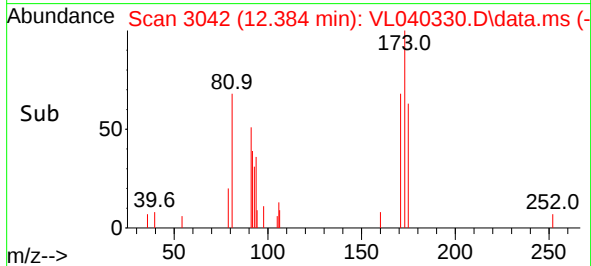
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 173 Resp: 503
Ion Ratio Lower Upper
173 100
175 0.0 39.8 59.8
171 0.0 42.2 63.4

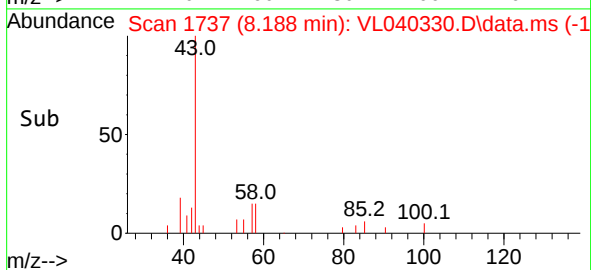
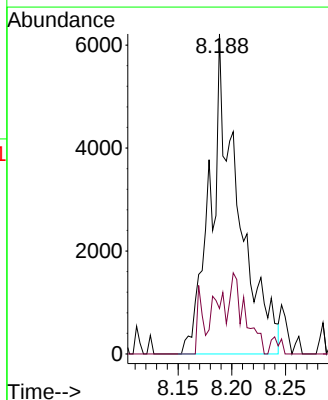
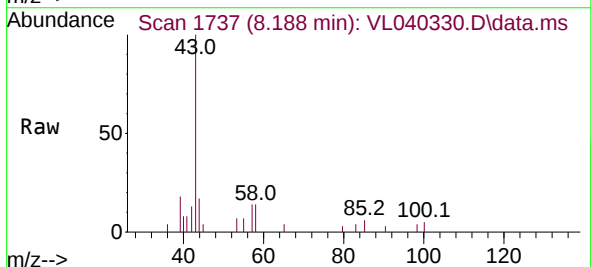
Manual Integrations
APPROVED

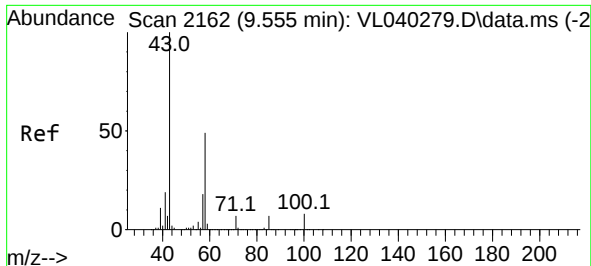
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#50
4-Methyl-2-Pentanone
Concen: 0.065 ppbv m
RT: 8.188 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

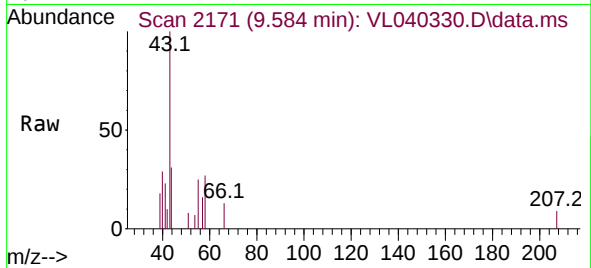
Tgt Ion: 43 Resp: 11115
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8





#51
2-Hexanone
Concen: 0.053 ppbv m
RT: 9.584 min Scan# 2162
Delta R.T. 0.029 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

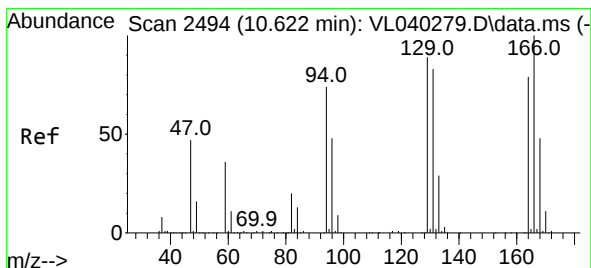
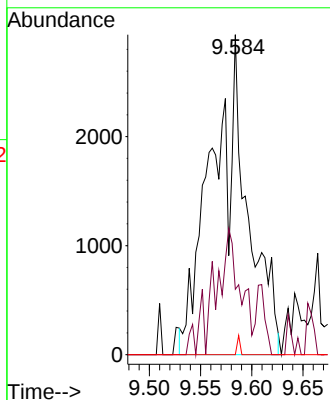
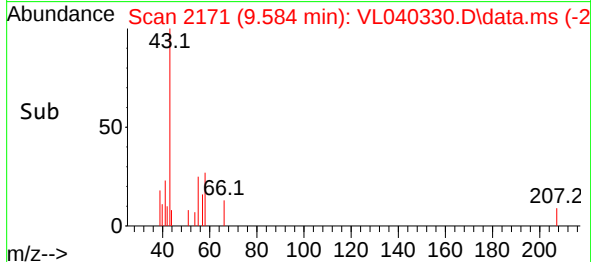
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 43 Resp: 7070
Ion Ratio Lower Upper
43 100
58 0.0 38.0 57.0
98 1.1 0.5 0.7

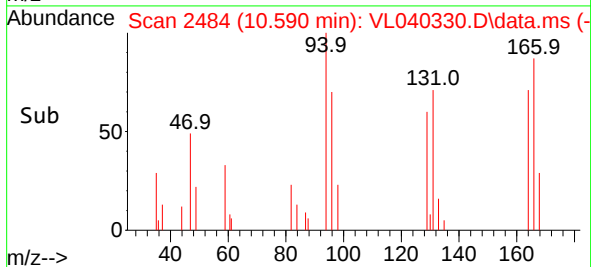
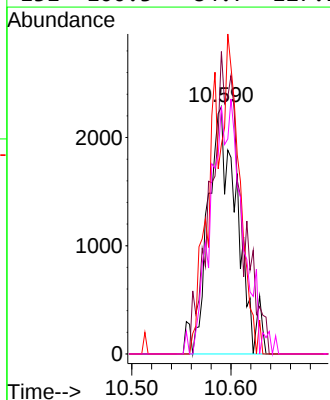
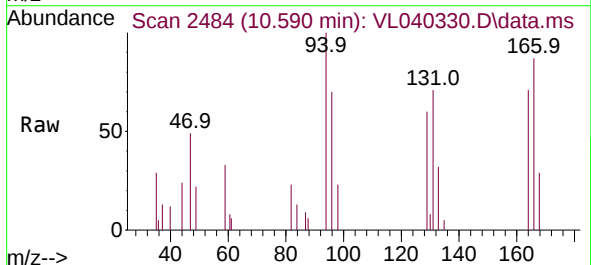
Manual Integrations
APPROVED

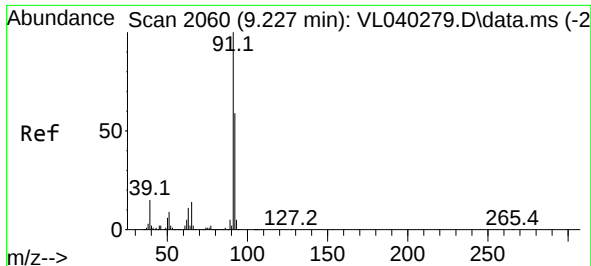
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#52
Tetrachloroethene
Concen: 0.091 ppbv m
RT: 10.590 min Scan# 2484
Delta R.T. -0.032 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion:164 Resp: 4676
Ion Ratio Lower Upper
164 100
166 122.3 101.8 152.6
129 84.7 90.2 135.2#
131 100.3 84.7 127.1





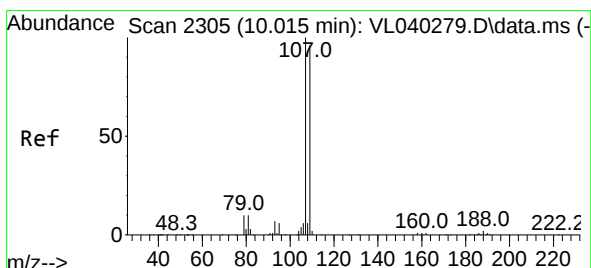
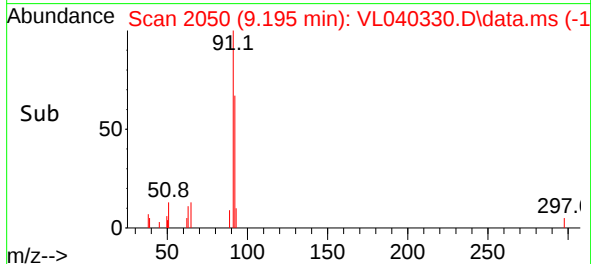
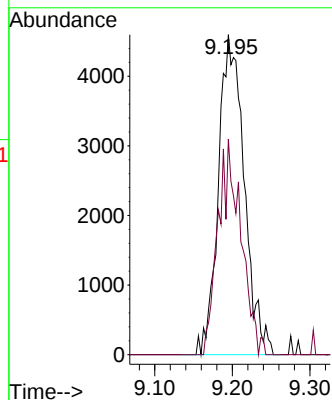
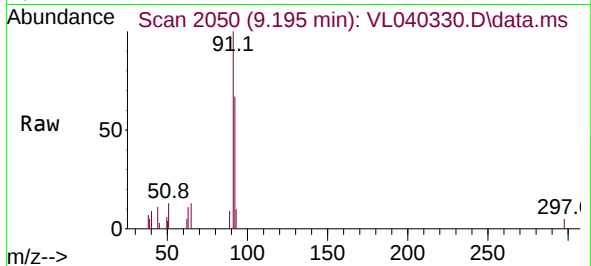
#53
Toluene
Concen: 0.059 ppbv m
RT: 9.195 min Scan# 2060
Delta R.T. -0.032 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion: 91 Resp: 1056
Ion Ratio Lower Upper
91 100
92 60.4 48.0 72.0

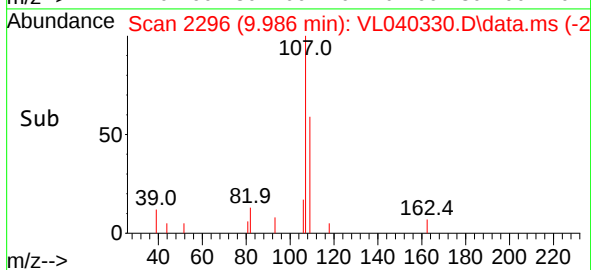
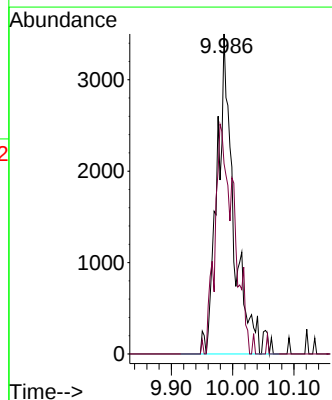
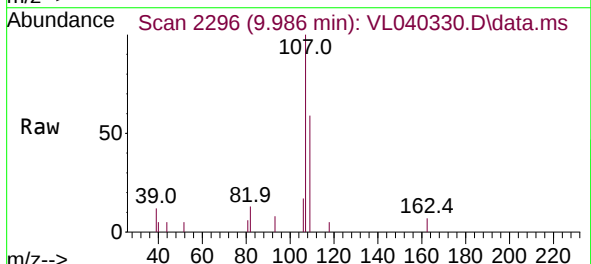
Manual Integrations
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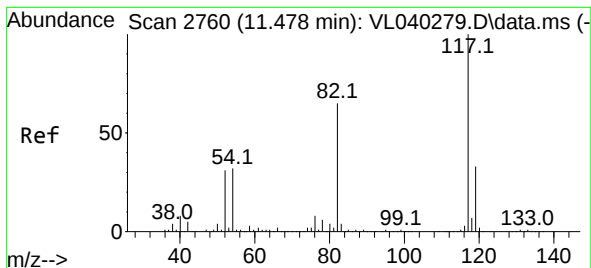
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#54
1,2-Dibromoethane
Concen: 0.090 ppbv m
RT: 9.986 min Scan# 2296
Delta R.T. -0.029 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion:107 Resp: 6638
Ion Ratio Lower Upper
107 100
109 59.5 77.0 115.6#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.446 min Scan# 21

Delta R.T. -0.032 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion:117 Resp: 2005698

Ion Ratio Lower Upper

117 100

82 69.4 51.4 77.2

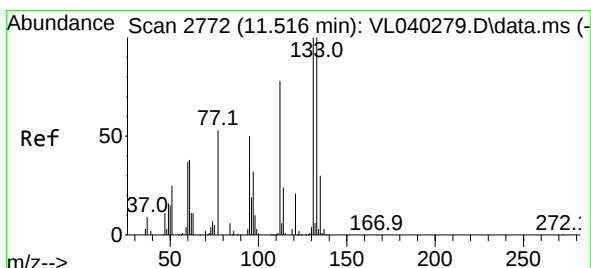
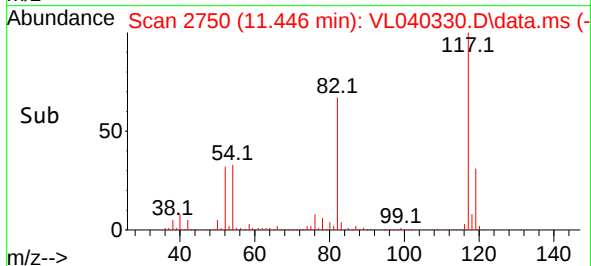
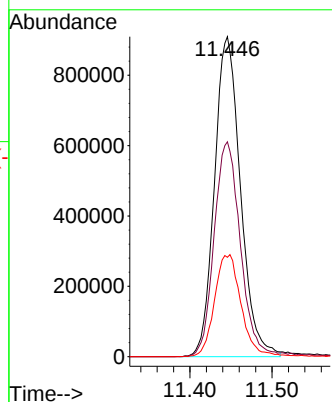
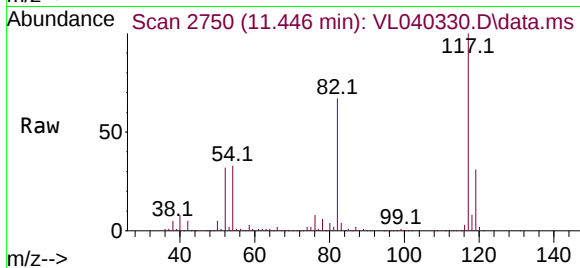
119 32.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 0.102 ppbv m

RT: 11.475 min Scan# 2759

Delta R.T. -0.041 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

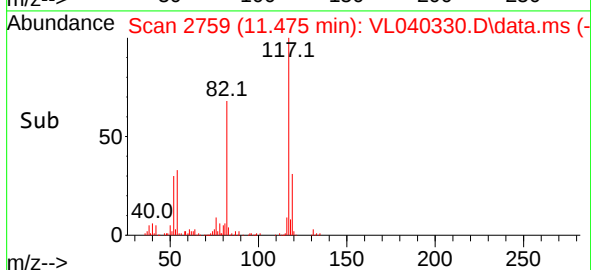
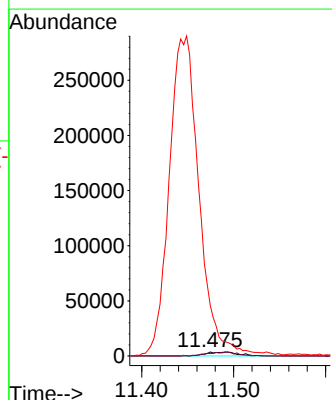
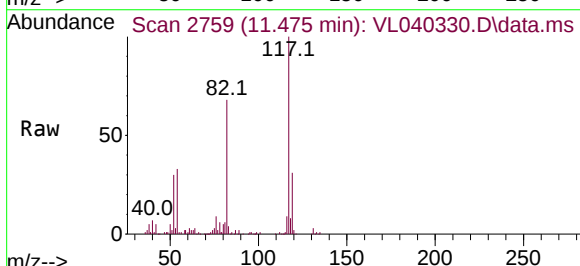
Tgt Ion:131 Resp: 8647

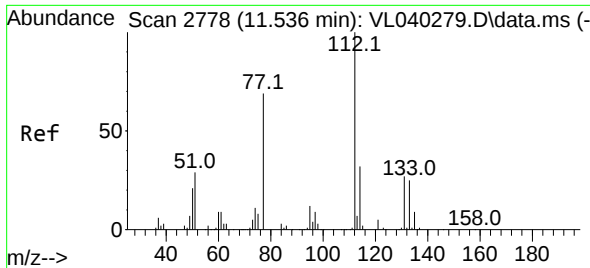
Ion Ratio Lower Upper

131 100

133 0.0 76.5 114.7#

119 0.0 47.9 71.9#





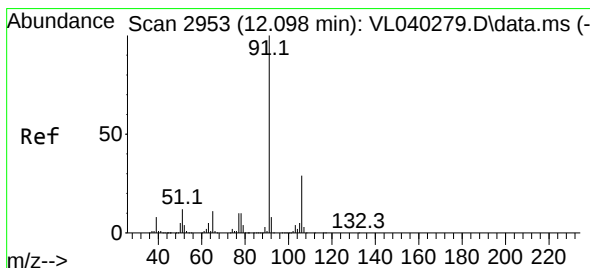
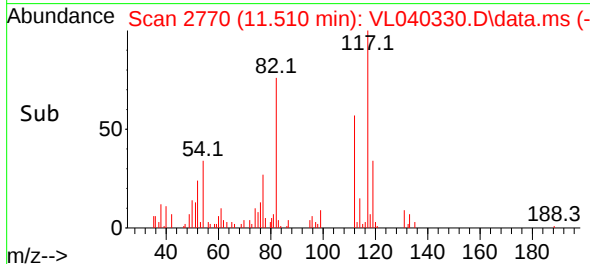
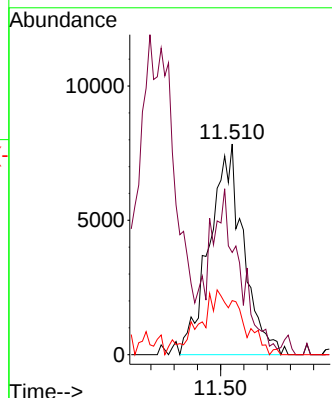
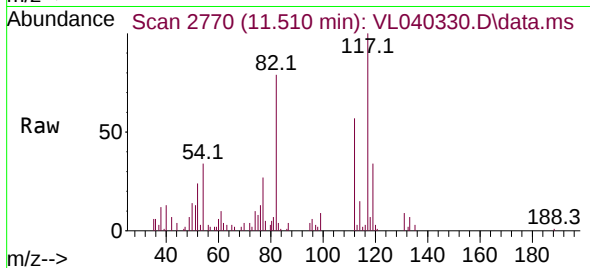
#57
Chlorobenzene
Concen: 0.110 ppbv m
RT: 11.510 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion:112 Resp: 1576
Ion Ratio Lower Upper
112 100
77 48.5 56.2 84.2
114 25.6 29.0 35.4

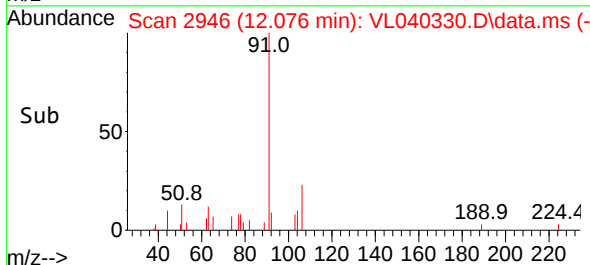
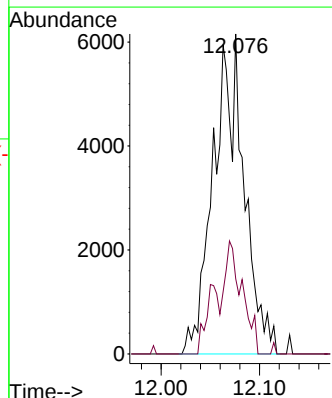
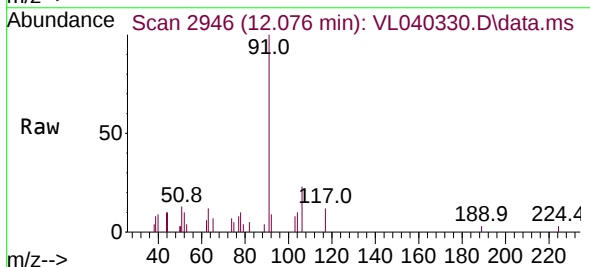
Manual Integrations
APPROVED

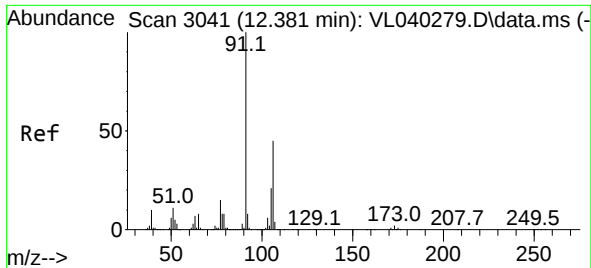
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#58
Ethyl Benzene
Concen: 0.058 ppbv m
RT: 12.076 min Scan# 2946
Delta R.T. -0.022 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion: 91 Resp: 13217
Ion Ratio Lower Upper
91 100
106 23.5 23.4 35.2





#59

m/p-Xylene

Concen: 0.097 ppbv m

RT: 12.339 min Scan# 3041

Delta R.T. -0.042 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

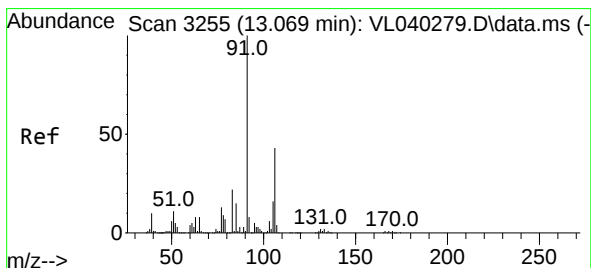
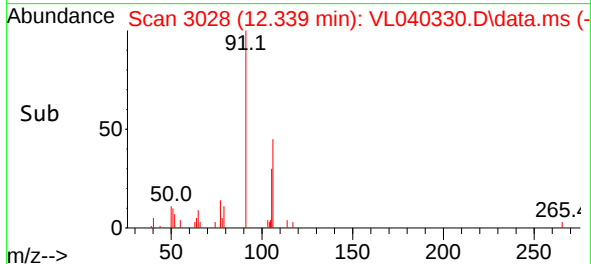
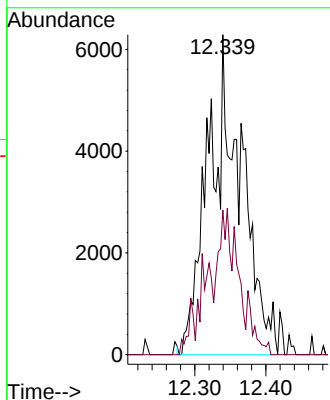
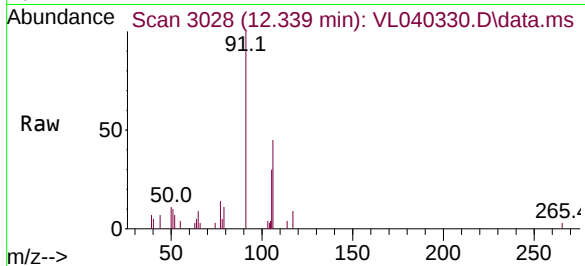
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 91 Resp: 2033
 Ion Ratio Lower Upper
 91 100
 106 42.4 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: 0.046 ppbv m

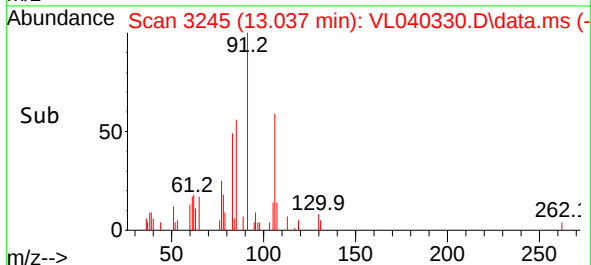
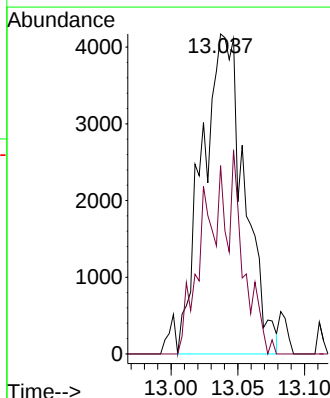
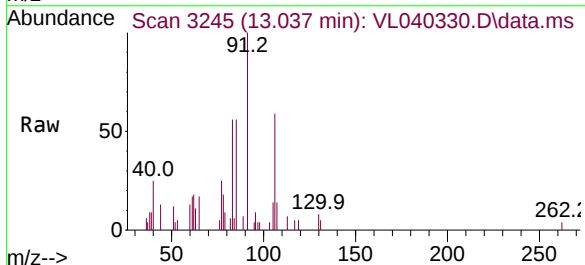
RT: 13.037 min Scan# 3245

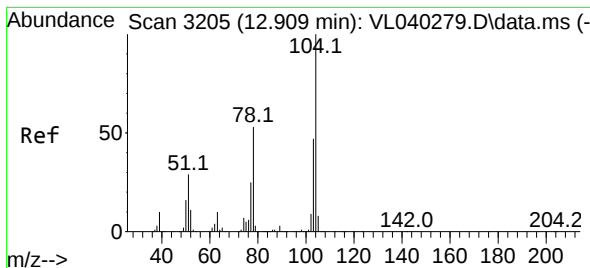
Delta R.T. -0.032 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Tgt Ion: 91 Resp: 9204
 Ion Ratio Lower Upper
 91 100
 106 0.0 21.7 65.1#





#61

Styrene

Concen: 0.053 ppbv m

RT: 12.873 min Scan# 3194

Delta R.T. -0.036 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

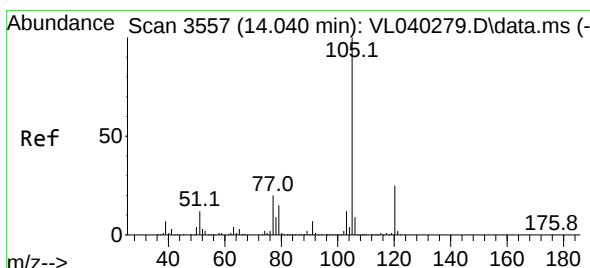
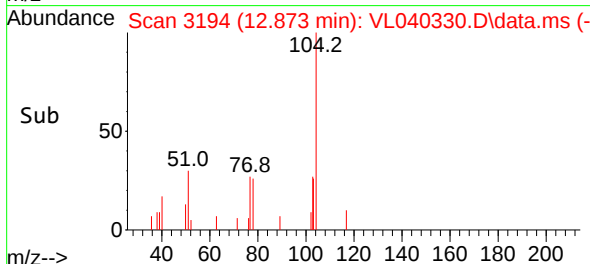
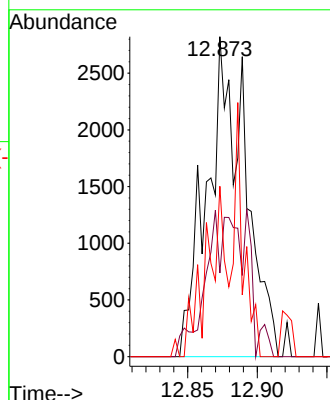
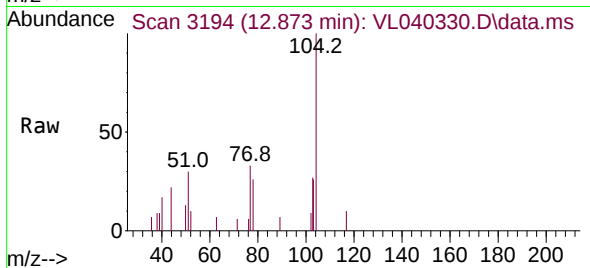
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:	104	Resp:	5350
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: 0.064 ppbv m

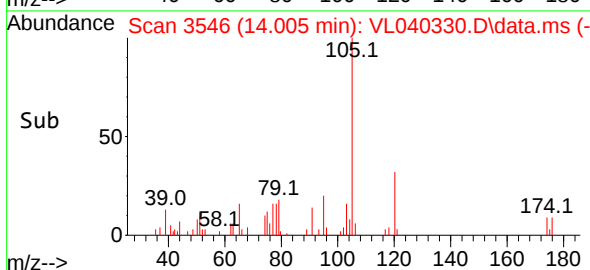
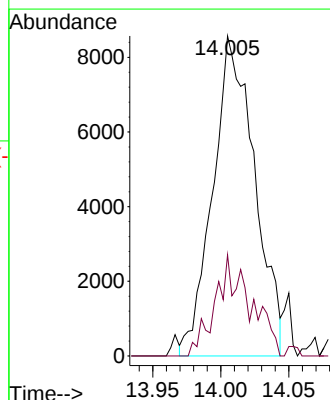
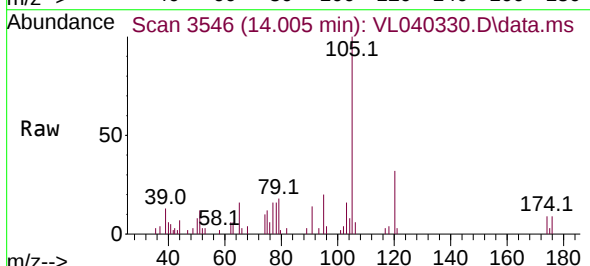
RT: 14.005 min Scan# 3546

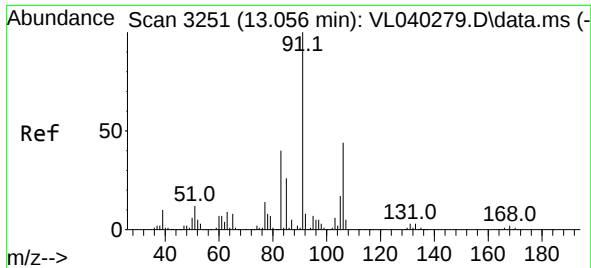
Delta R.T. -0.035 min

Lab File: VL040330.D

Acq: 10 Apr 2023 18:17

Tgt Ion:	105	Resp:	18315
Ion Ratio	Lower	Upper	
105	100		
120	27.3	19.9	29.9





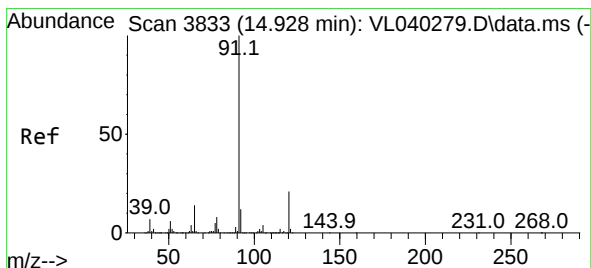
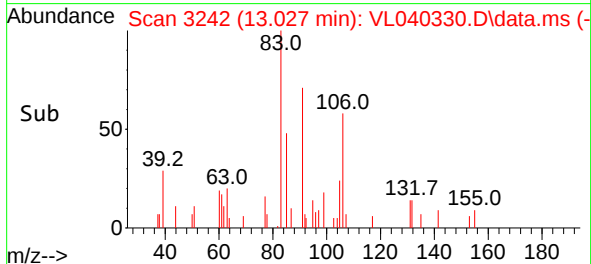
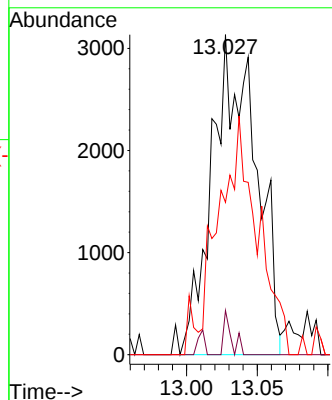
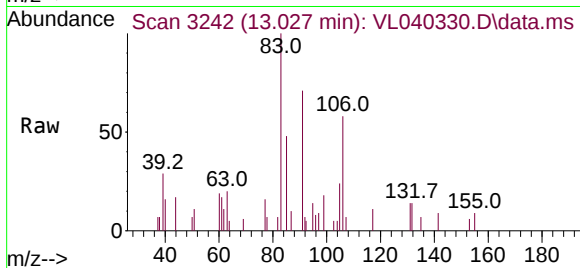
#63
1,1,2,2-Tetrachloroethane
Concen: 0.096 ppbv m
RT: 13.027 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion: 83 Resp: 6764
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.9
85 0.0 32.7 98.1

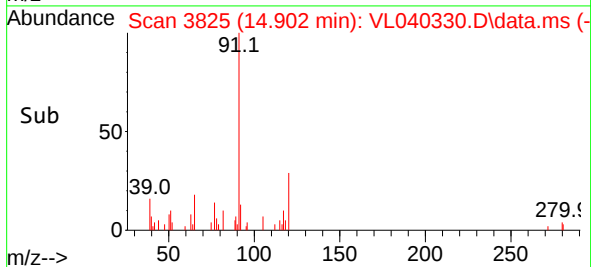
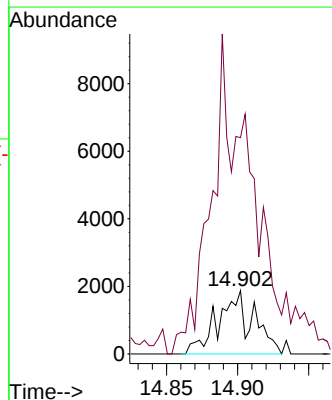
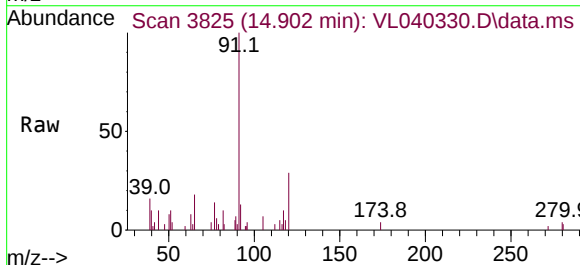
Manual Integrations
APPROVED

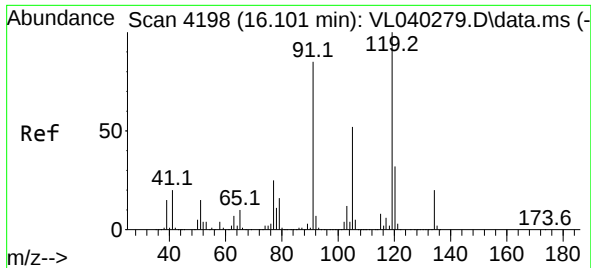
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#64
n-propylbenzene
Concen: 0.046 ppbv m
RT: 14.902 min Scan# 3825
Delta R.T. -0.026 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

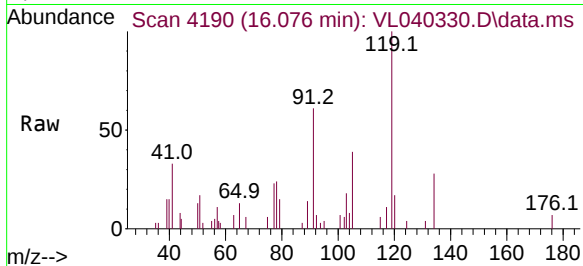
Tgt Ion:120 Resp: 3205
Ion Ratio Lower Upper
120 100
91 608.7 399.0 598.6





#65
tert-Butylbenzene
Concen: 0.047 ppbv m
RT: 16.076 min Scan# 4198
Delta R.T. -0.025 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

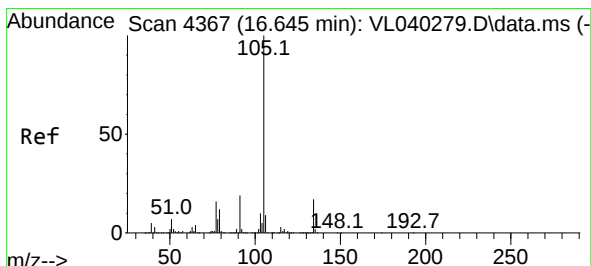
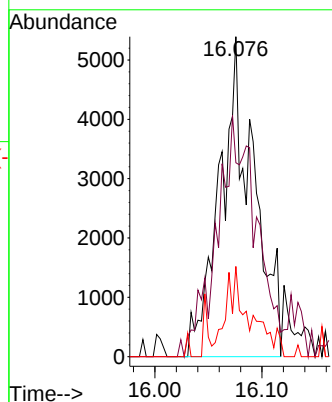
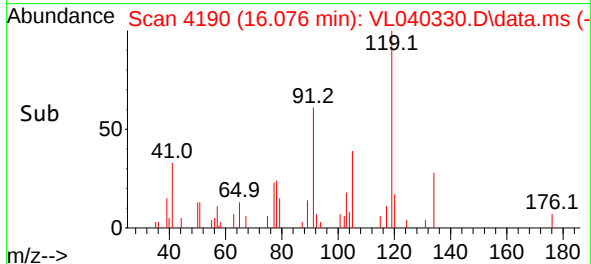
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion:119 Resp: 1165
Ion Ratio Lower Upper
119 100
91 0.0 69.4 104.2
134 0.0 15.8 23.6

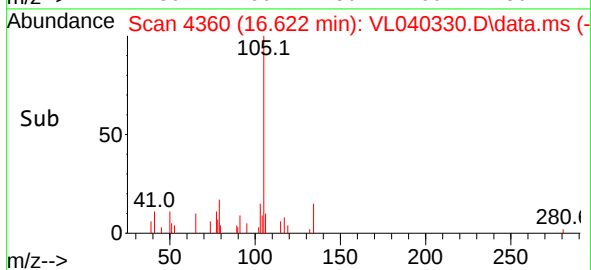
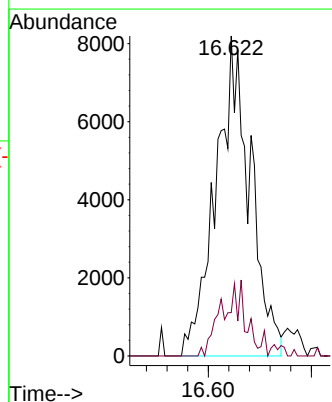
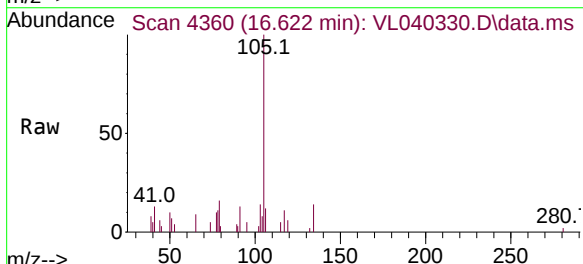
Manual Integrations
APPROVED

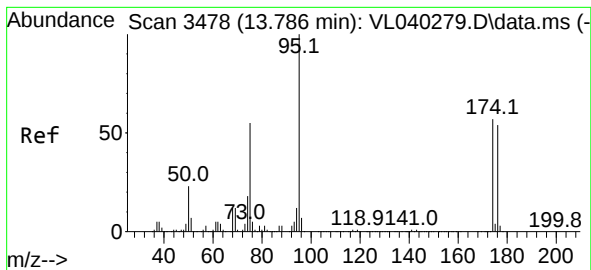
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#67
sec-Butylbenzene
Concen: 0.054 ppbv m
RT: 16.622 min Scan# 4360
Delta R.T. -0.023 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

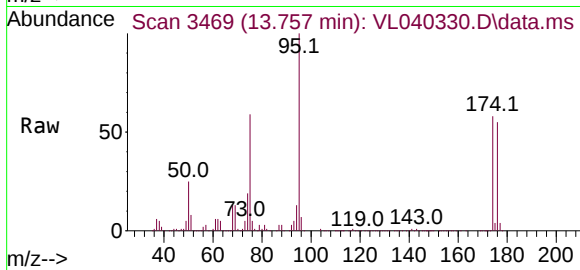
Tgt Ion:105 Resp: 18953
Ion Ratio Lower Upper
105 100
134 0.0 14.0 21.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.917 ppbv
RT: 13.757 min Scan# 3478
Delta R.T. -0.029 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

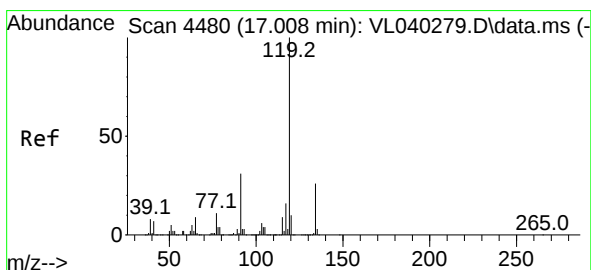
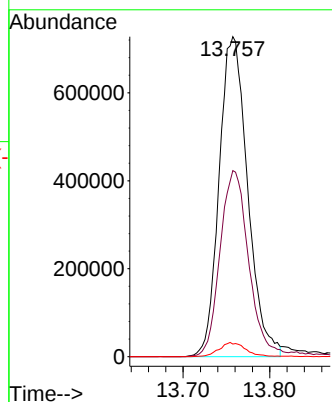
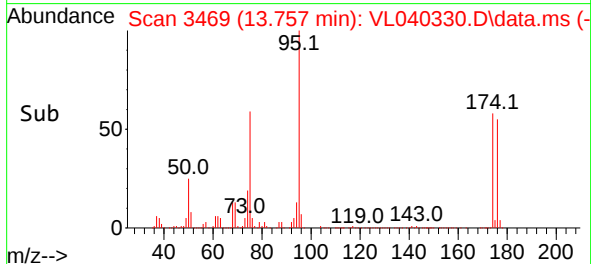
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 95 Resp: 166563
Ion Ratio Lower Upper
95 100
174 60.5 47.0 70.6
175 4.3 3.4 5.2

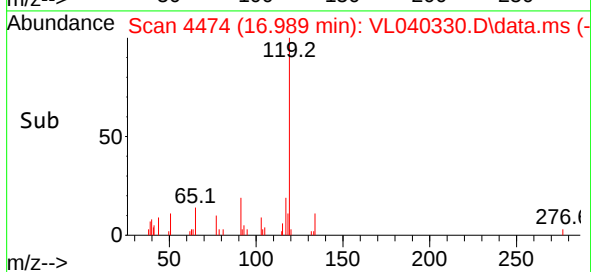
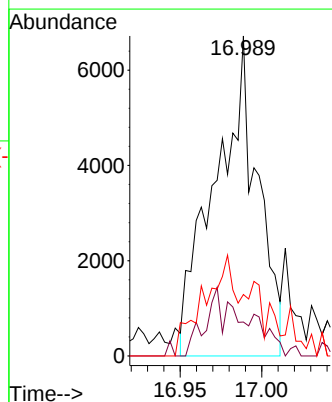
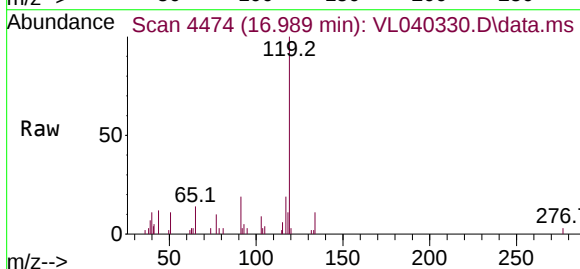
Manual Integrations
APPROVED

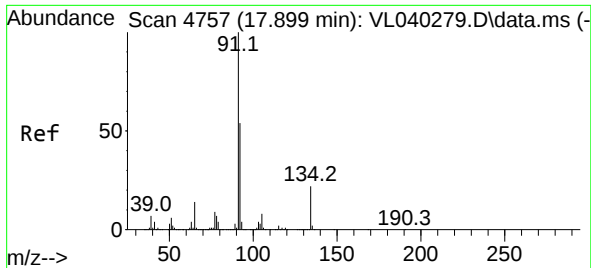
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#69
p-Isopropyltoluene
Concen: 0.044 ppbv m
RT: 16.989 min Scan# 4474
Delta R.T. -0.019 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion:119 Resp: 12141
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2#
91 0.0 25.1 37.7#





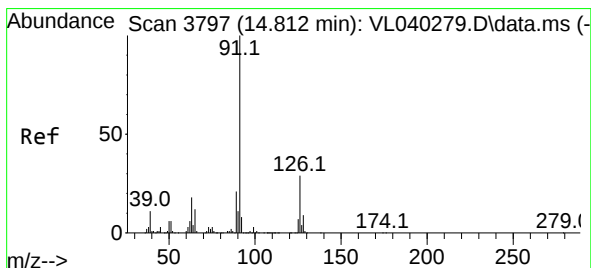
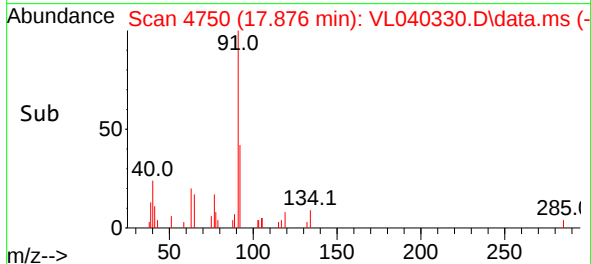
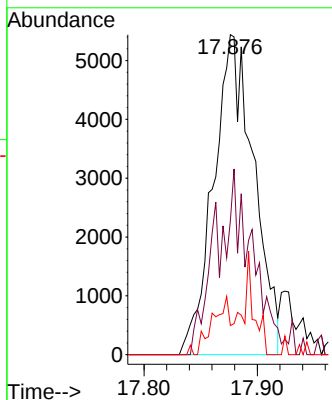
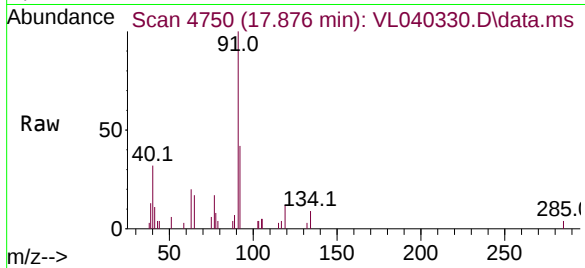
#70
n-Butylbenzene
Concen: 0.045 ppbv m
RT: 17.876 min Scan# 4750
Delta R.T. -0.023 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion: 91 Resp: 13428
Ion Ratio Lower Upper
91 100
92 52.9 42.9 64.3
134 0.0 16.8 25.2

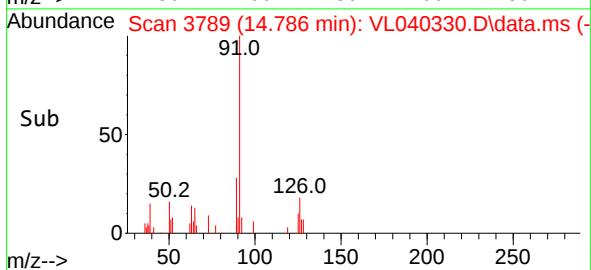
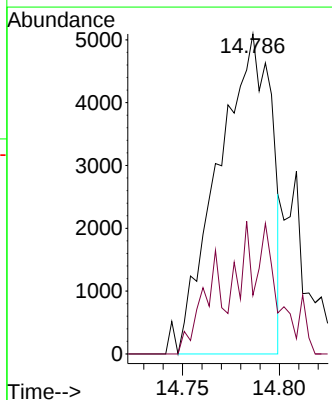
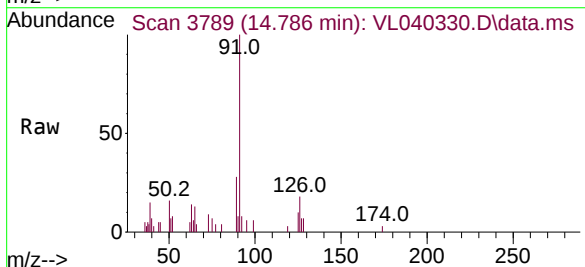
Manual Integrations
APPROVED

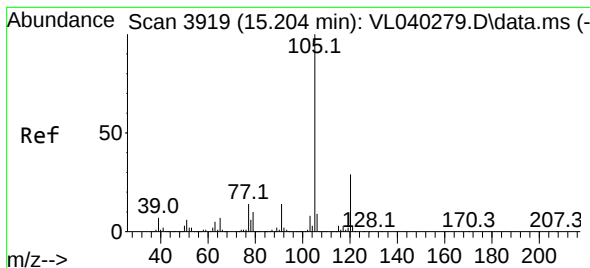
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#71
2-Chlorotoluene
Concen: 0.045 ppbv m
RT: 14.786 min Scan# 3789
Delta R.T. -0.026 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

Tgt Ion: 91 Resp: 9734
Ion Ratio Lower Upper
91 100
126 39.3 11.8 47.4





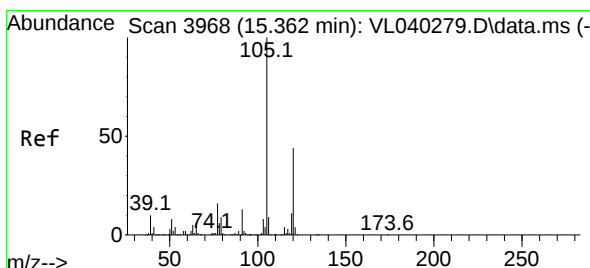
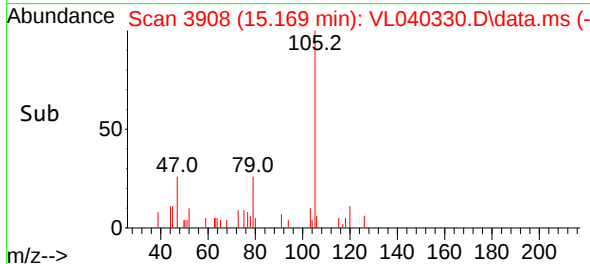
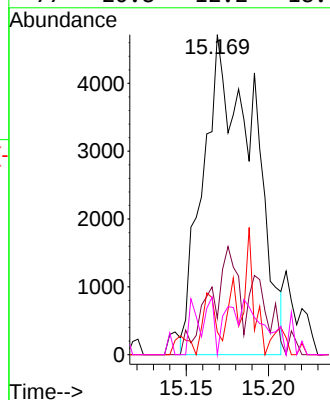
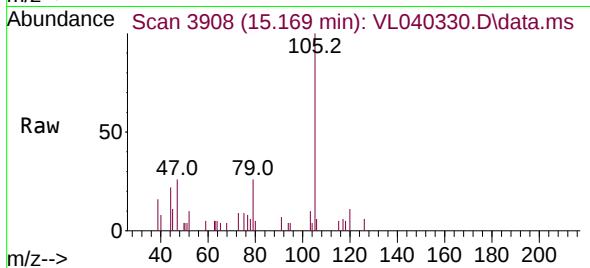
#72
4-Ethyltoluene
Concen: 0.046 ppbv m
RT: 15.169 min Scan# 3919
Delta R.T. -0.035 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

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

Tgt Ion:105 Resp: 9964
Ion Ratio Lower Upper
105 100
120 0.0 23.7 35.5#
91 0.0 11.6 17.4#
77 20.8 12.2 18.4#

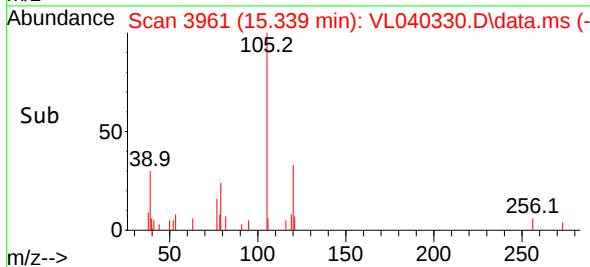
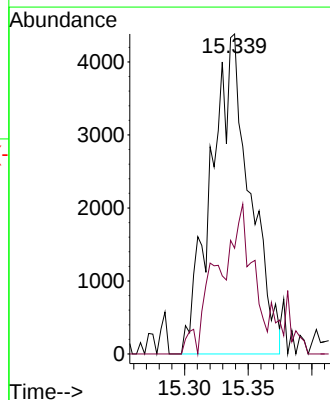
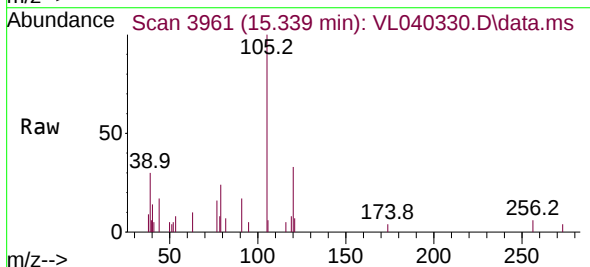
Manual Integrations
APPROVED

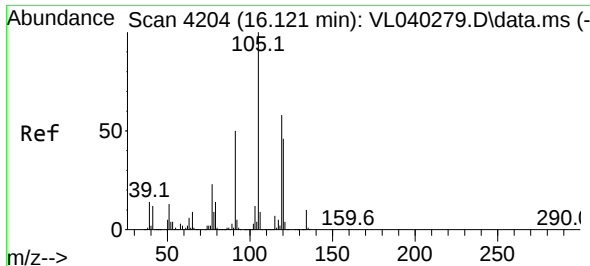
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#73
1,3,5-Trimethylbenzene
Concen: 0.047 ppbv m
RT: 15.339 min Scan# 3961
Delta R.T. -0.023 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

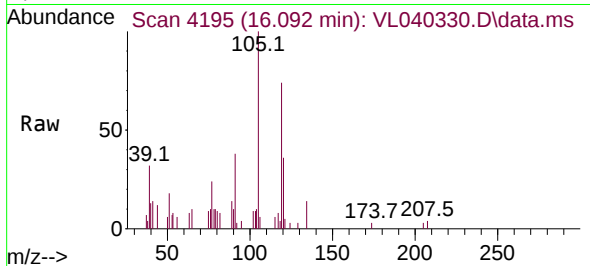
Tgt Ion:105 Resp: 9274
Ion Ratio Lower Upper
105 100
120 33.1 34.9 52.3#





#74
1,2,4-Trimethylbenzene
Concen: 0.044 ppbv m
RT: 16.092 min Scan# 4195
Delta R.T. -0.029 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

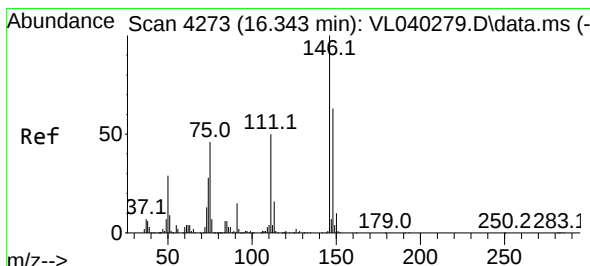
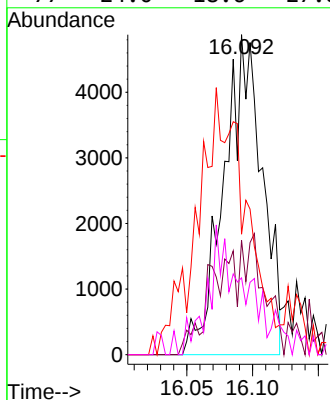
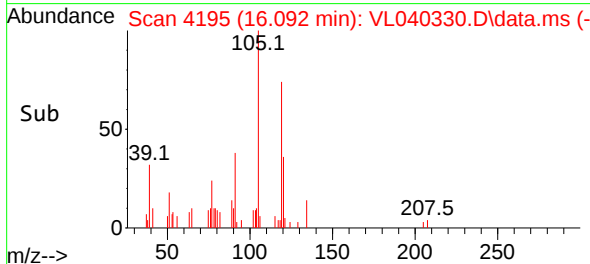
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



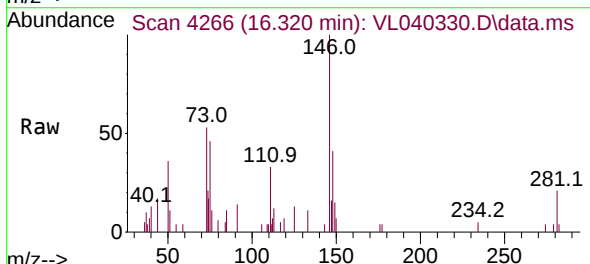
Tgt Ion:105 Resp: 9915
Ion Ratio Lower Upper
105 100
120 35.8 36.6 54.8#
91 37.6 39.9 59.9#
77 24.0 18.6 27.8#

Manual Integrations
APPROVED

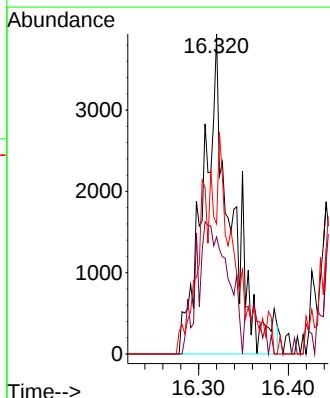
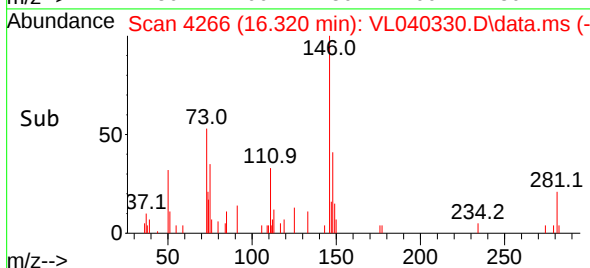
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

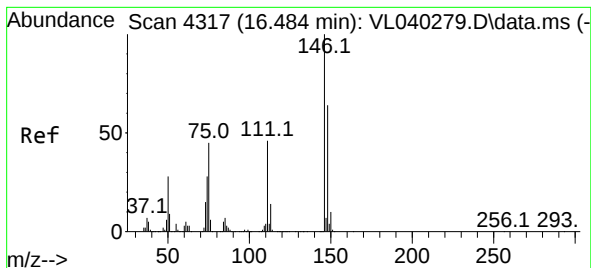


#75
1,3-Dichlorobenzene
Concen: 0.068 ppbv m
RT: 16.320 min Scan# 4266
Delta R.T. -0.023 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17



Tgt Ion:146 Resp: 8351
Ion Ratio Lower Upper
146 100
111 0.0 24.3 73.0#
148 0.0 31.9 95.5#





#76

1,4-Dichlorobenzene

Concen: 0.077 ppbv m

RT: 16.452 min Scan# 41

Delta R.T. -0.032 min

Lab File: VL040330.D

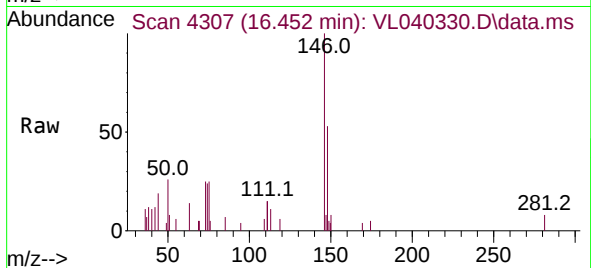
Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



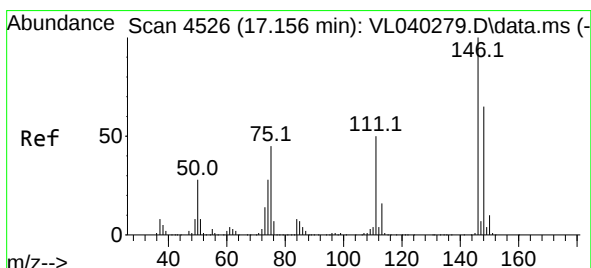
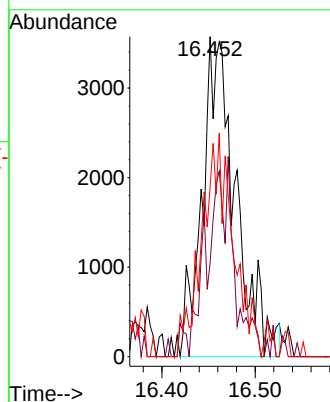
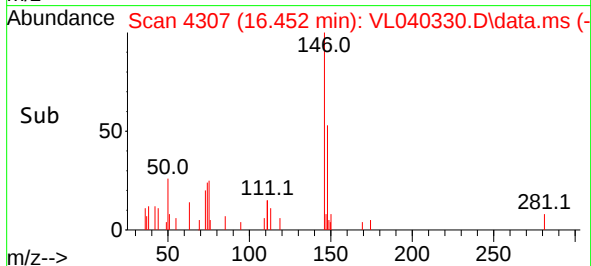
Tgt Ion:	146	Resp:	8960
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.8	71.2
148	0.0	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#77

1,2-Dichlorobenzene

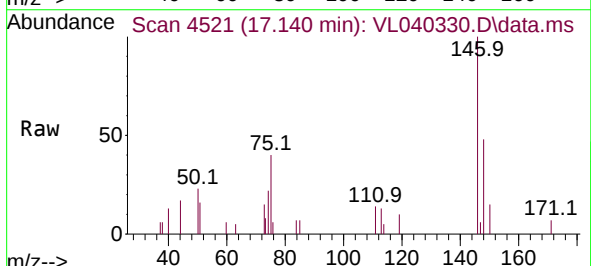
Concen: 0.074 ppbv m

RT: 17.140 min Scan# 4521

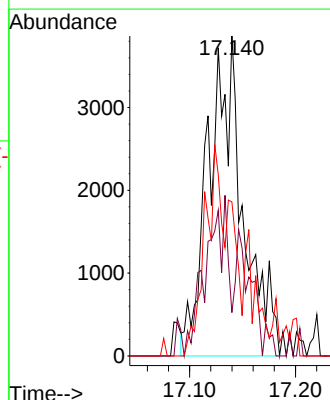
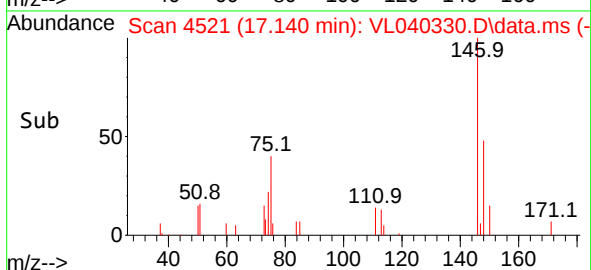
Delta R.T. -0.016 min

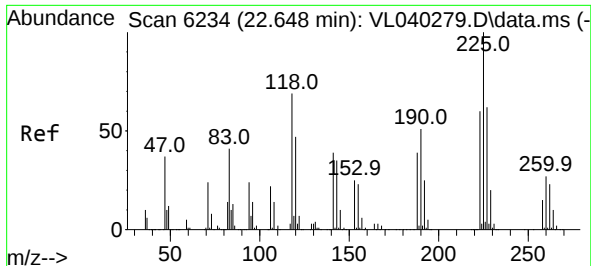
Lab File: VL040330.D

Acq: 10 Apr 2023 18:17



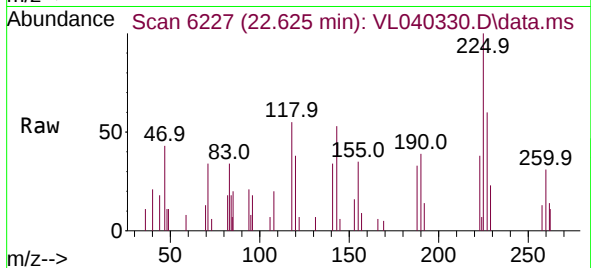
Tgt Ion:	146	Resp:	8751
Ion Ratio	Lower	Upper	
146	100		
111	0.0	25.2	75.6
148	0.0	32.1	96.3





#78
Hexachloro-1,3-Butadiene
Concen: 0.099 ppbv m
RT: 22.625 min Scan# 61
Delta R.T. -0.023 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17

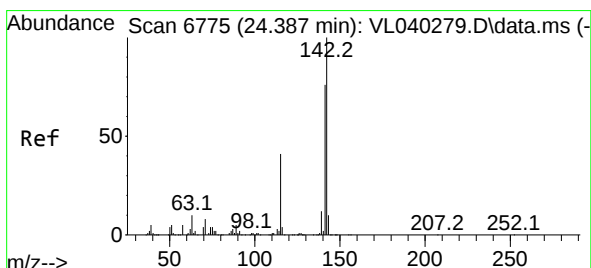
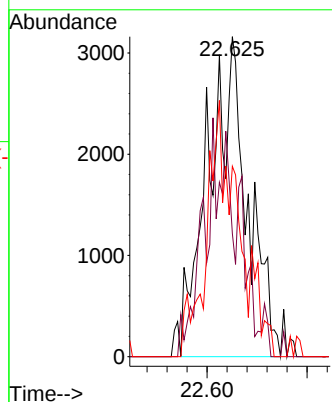
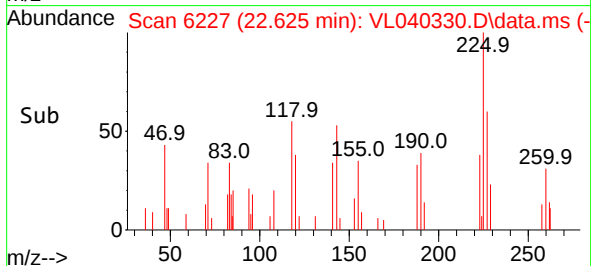
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



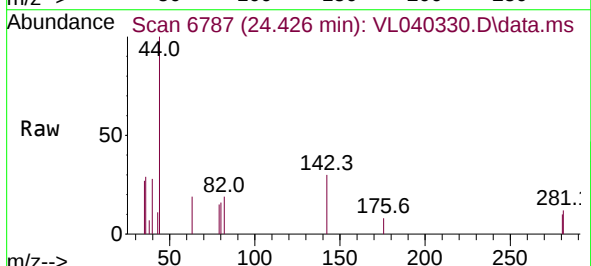
Tgt Ion:225 Resp: 856
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6
227 0.0 51.4 77.2

Manual Integrations
APPROVED

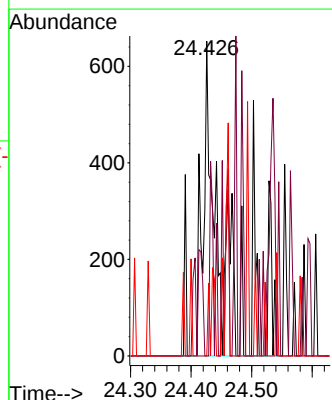
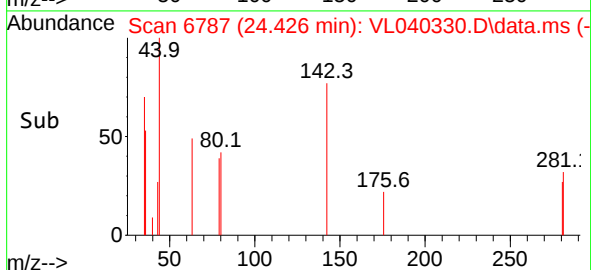
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

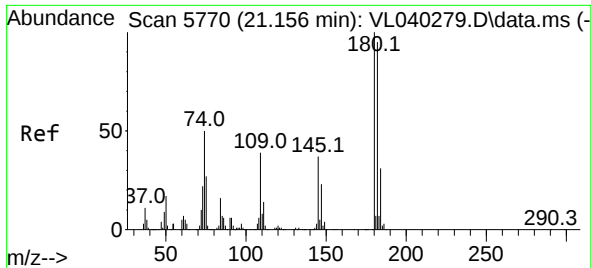


#80
Naphthalene,2-methyl-
Concen: 0.044 ppbv m
RT: 24.426 min Scan# 6787
Delta R.T. 0.039 min
Lab File: VL040330.D
Acq: 10 Apr 2023 18:17



Tgt Ion:142 Resp: 1487
Ion Ratio Lower Upper
142 100
141 12.8 65.5 98.3#
115 9.0 33.5 50.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.048 ppbv m

RT: 21.133 min Scan# 51

Delta R.T. -0.023 min

Lab File: VL040330.D

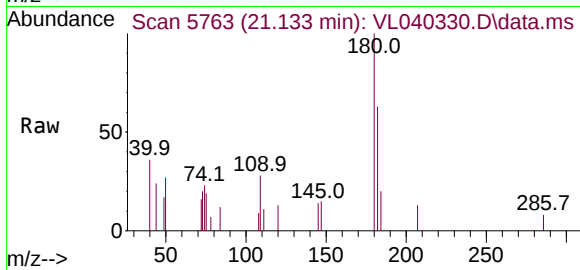
Acq: 10 Apr 2023 18:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



Tgt Ion:180 Resp: 399

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

