

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040748.D
 Acq On : 4 Oct 2023 20:13
 Operator : SY/MD
 Sample : 04699-13 LOD 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023

Quant Time: Oct 05 04:29:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 4 2023
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

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

Internal Standards						
1) Bromochloromethane	5.188	49	777361	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2117129	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	1726397	10.000	ppbv	-0.03

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 13.757 95 1336964 10.023 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.742	85	21132	0.123	ppbv	96
3) Chlorodifluoromethane	2.690	51	16618	0.131	ppbv	94
4) Chloromethane	2.828	50	6911	0.143	ppbv #	81
5) Vinyl Chloride	2.931	62	5760	0.101	ppbv	97
6) Bromomethane	3.134	94	3537m	0.128	ppbv	
7) Chloroethane	3.201	64	2560m	0.130	ppbv	
8) Dichlorotetrafluoroethane	2.870	85	19906m	0.141	ppbv	
9) Propene	2.713	41	5553m	0.152	ppbv	
11) Trichlorofluoromethane	3.568	101	20124	0.134	ppbv #	72
12) 1,1,2-Trichlorotrifluoro...	4.073	101	15596m	0.145	ppbv	
13) Ethanol	3.275	45	2062m	0.191	ppbv	
14) Bromoethene	3.375	108	5569	0.123	ppbv #	86
15) Acetone	3.504	43	19446m	0.190	ppbv	
16) 1,3-Butadiene	2.996	39	7294m	0.163	ppbv	
17) tert-Butyl alcohol	3.915	59	11971	0.114	ppbv	98
18) 1,1-Dichloroethene	3.880	96	7196m	0.150	ppbv	
19) Isopropyl Alcohol	3.610	45	8236m	0.133	ppbv	
20) Methylene Chloride	3.938	84	14222	0.258	ppbv	91
21) Allyl Chloride	3.996	41	8959m	0.143	ppbv	
22) trans-1,2-Dichloroethene	4.455	96	6879m	0.145	ppbv	
23) Vinyl Acetate	4.648	43	11160m	0.105	ppbv	
24) 1,1-Dichloroethane	4.561	63	13427m	0.135	ppbv	
25) Ethyl Acetate	5.214	43	18418m	0.111	ppbv	
26) Hexane	5.208	57	9574m	0.122	ppbv	
27) Carbon Disulfide	4.127	76	11984	0.110	ppbv #	50
28) Methyl tert-Butyl Ether	4.610	73	8651m	0.129	ppbv	
29) Chloroform	5.272	83	15524	0.115	ppbv	96
32) 1,1,1-Trichloroethane	5.996	97	16202m	0.117	ppbv	
35) Carbon Tetrachloride	6.481	117	14079m	0.097	ppbv	
37) 1,2-Dichloroethane	5.803	62	10870m	0.101	ppbv	
38) Trichloroethene	7.282	130	5975m	0.100	ppbv	
39) 1,2-Dichloropropane	7.057	63	7357m	0.122	ppbv	
42) Bromodichloromethane	7.237	83	15777m	0.108	ppbv	
52) Tetrachloroethene	10.590	164	5028m	0.098	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.494	131	9594m	0.117	ppbv	
57) Chlorobenzene	11.500	112	15020m	0.115	ppbv	
59) m/p-Xylene	12.359	91	20657m	0.112	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.034	83	15219m	0.110	ppbv	
78) Hexachloro-1,3-Butadiene	22.615	225	11147m	0.120	ppbv	

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

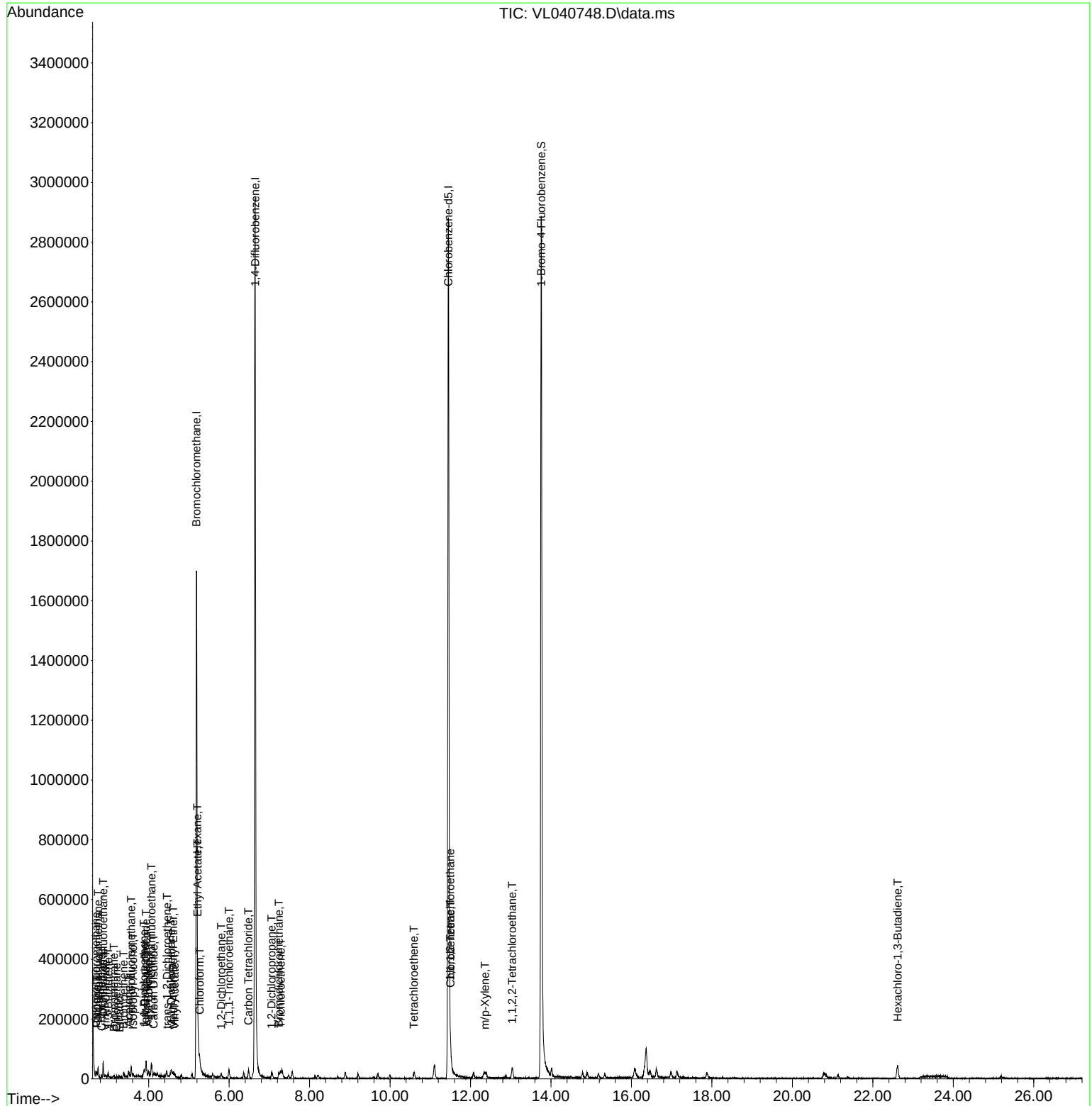
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
Data File : VL040748.D
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Misc : 400mL/MSVOA_L
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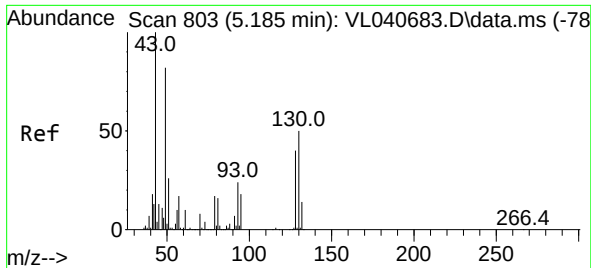
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/05/2023

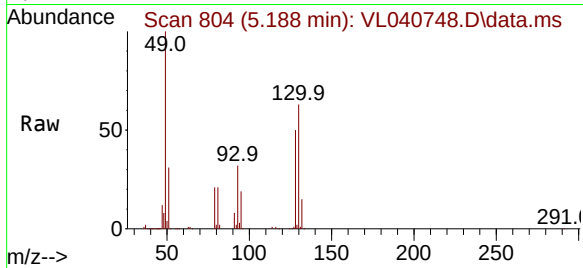
Quant Time: Oct 05 04:29:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 803
Delta R.T. -0.010 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

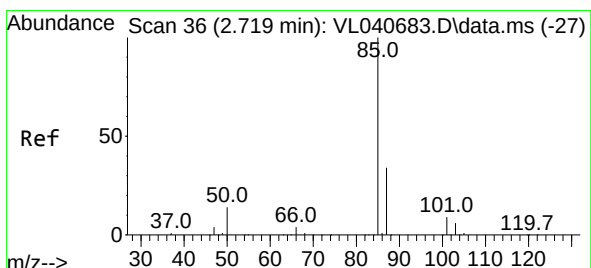
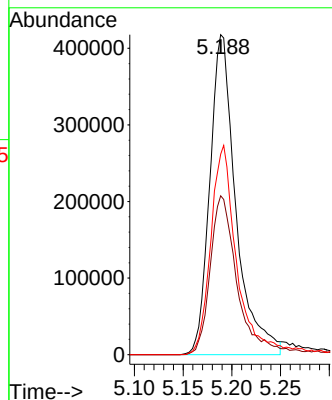
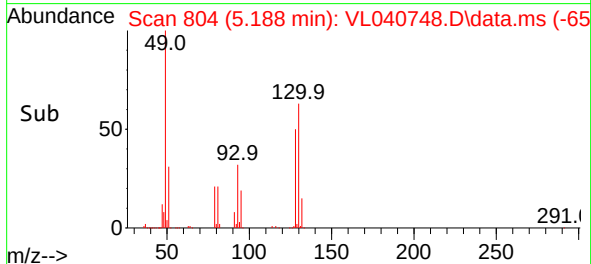
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 49 Resp: 77736
Ion Ratio Lower Upper
49 100
128 53.5 25.4 76.0
130 68.1 32.3 96.8

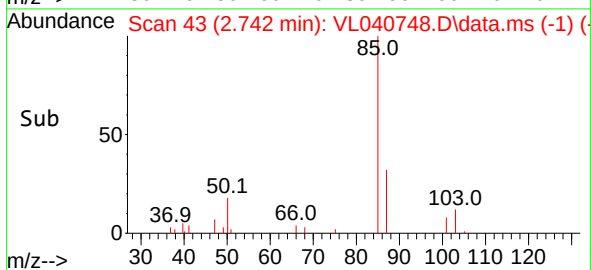
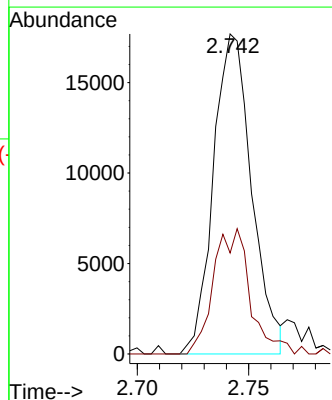
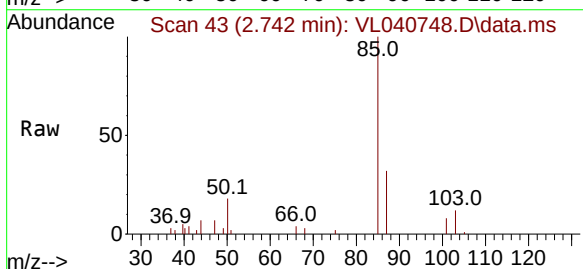
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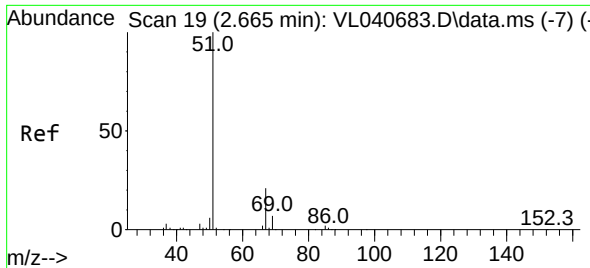
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#2
Dichlorodifluoromethane
Concen: 0.123 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.010 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

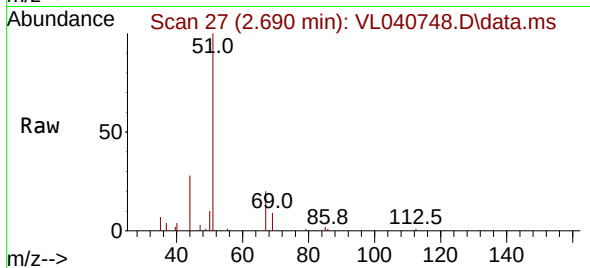
Tgt Ion: 85 Resp: 21132
Ion Ratio Lower Upper
85 100
87 31.6 27.2 40.8





#3
Chlorodifluoromethane
Concen: 0.131 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

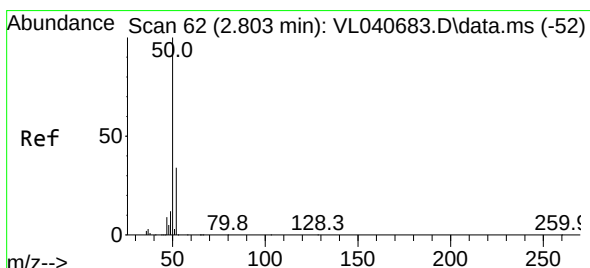
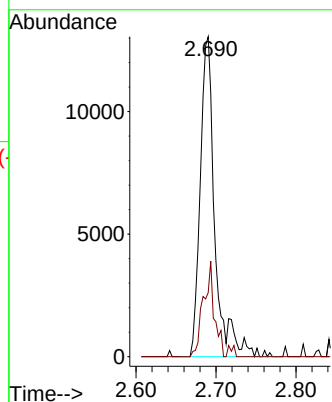
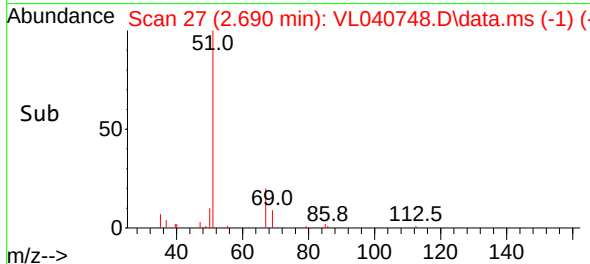
Instrument :
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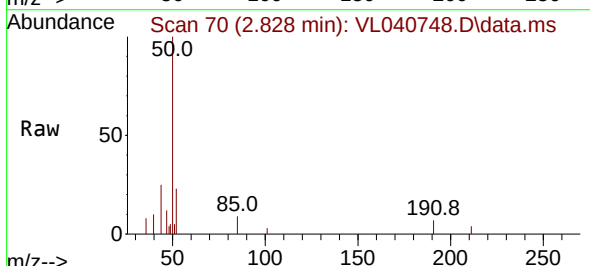
Tgt Ion: 51 Resp: 16618
Ion Ratio Lower Upper
51 100
67 23.6 16.7 25.1

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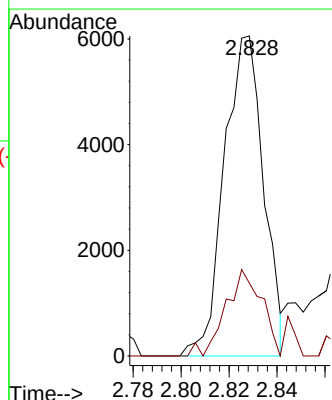
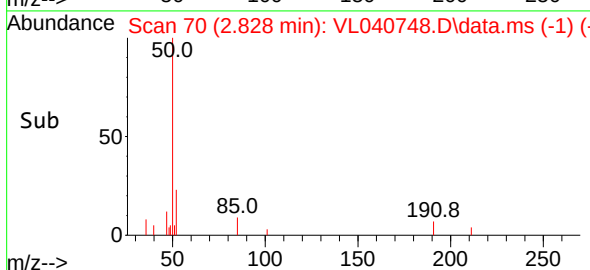
Reviewed By :Semsettin Yesilyurt 10/05/2023
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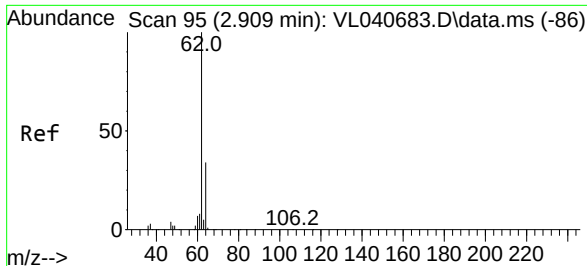


#4
Chloromethane
Concen: 0.143 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13



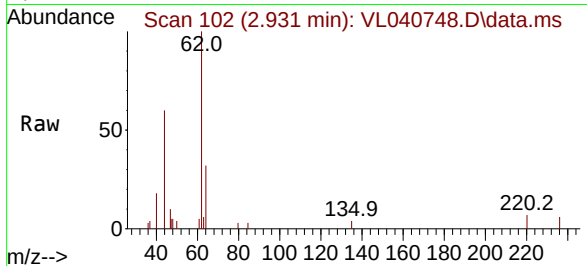
Tgt Ion: 50 Resp: 6911
Ion Ratio Lower Upper
50 100
52 22.8 27.1 40.7#





#5
 Vinyl Chloride
 Concen: 0.101 ppbv
 RT: 2.931 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VL040748.D
 Acq: 4 Oct 2023 20:13

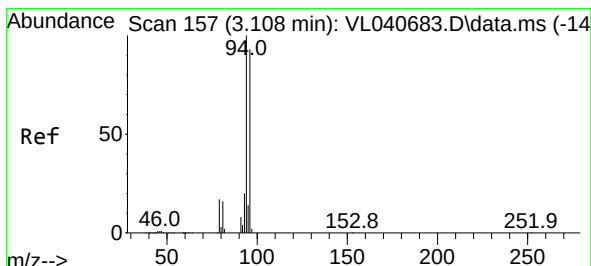
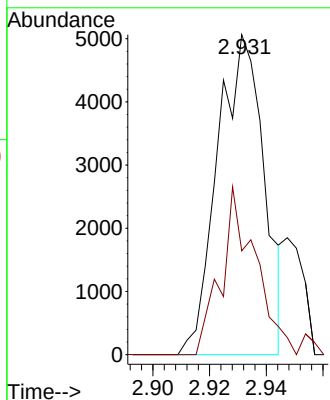
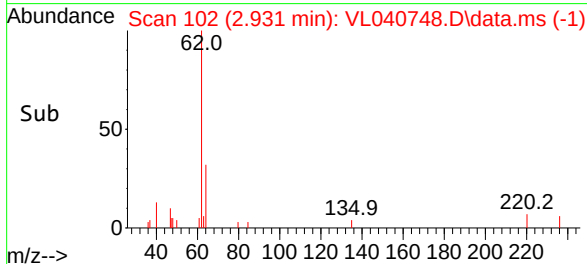
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 62 Resp: 5760
 Ion Ratio Lower Upper
 62 100
 64 32.5 27.2 40.8

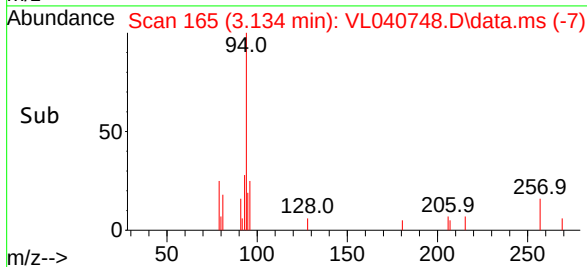
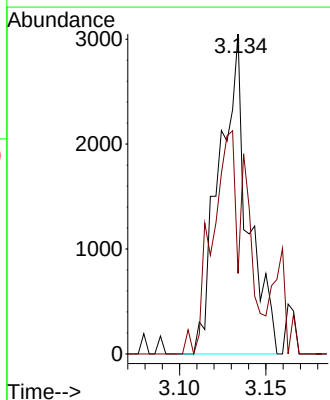
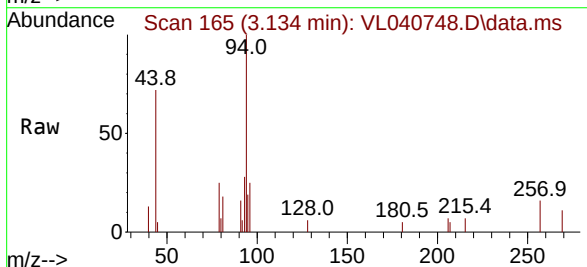
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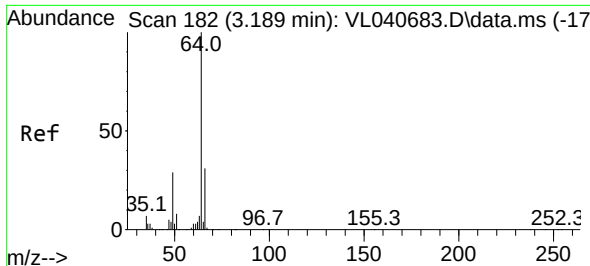
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#6
 Bromomethane
 Concen: 0.128 ppbv m
 RT: 3.134 min Scan# 165
 Delta R.T. 0.010 min
 Lab File: VL040748.D
 Acq: 4 Oct 2023 20:13

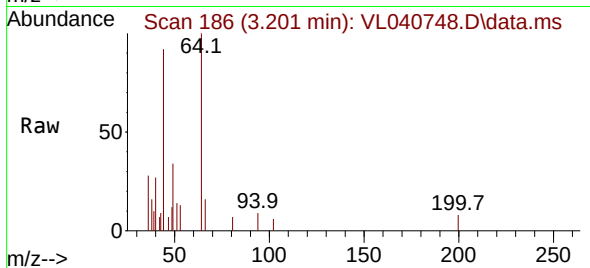
Tgt Ion: 94 Resp: 3537
 Ion Ratio Lower Upper
 94 100
 96 25.1 74.4 111.6#





#7
Chloroethane
Concen: 0.130 ppbv m
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

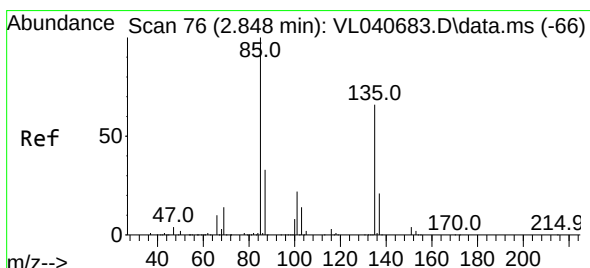
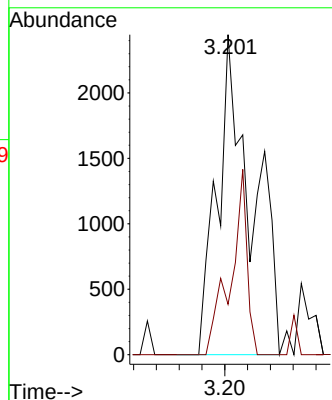
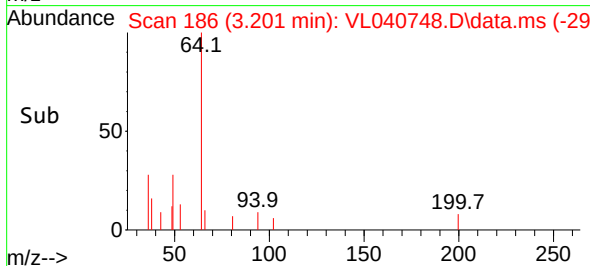
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 64 Resp: 2560
Ion Ratio Lower Upper
64 100
66 15.7 24.5 36.7

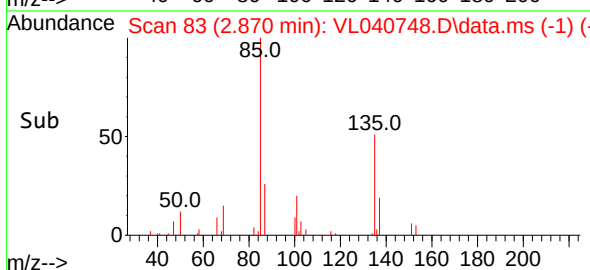
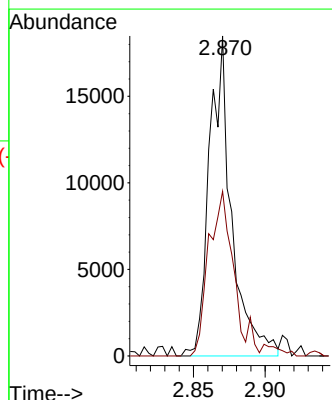
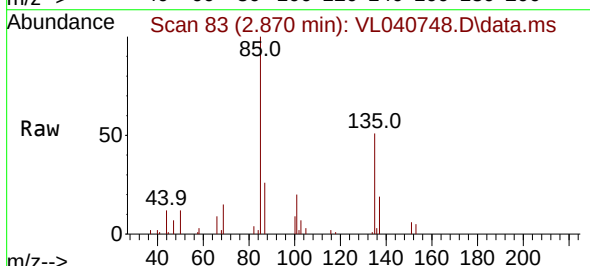
Manual Integrations
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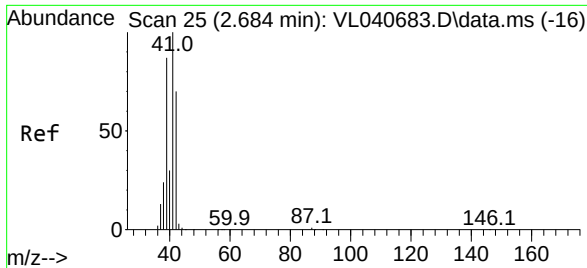
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#8
Dichlorotetrafluoroethane
Concen: 0.141 ppbv m
RT: 2.870 min Scan# 83
Delta R.T. 0.010 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

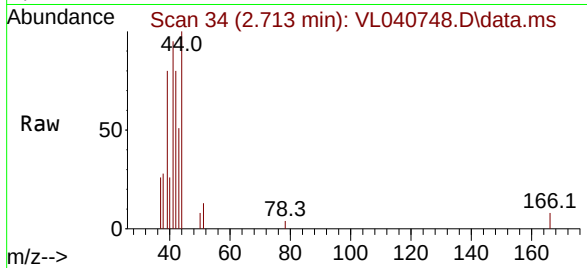
Tgt Ion: 85 Resp: 19906
Ion Ratio Lower Upper
85 100
135 0.0 53.4 80.2





#9
Propene
Concen: 0.152 ppbv m
RT: 2.713 min Scan# 34
Delta R.T. 0.016 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

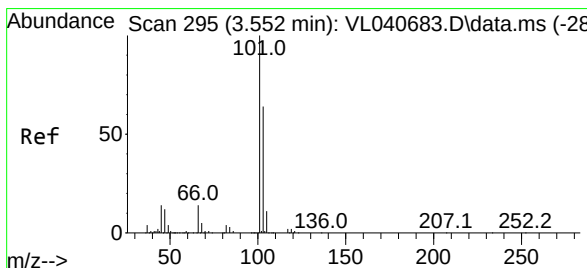
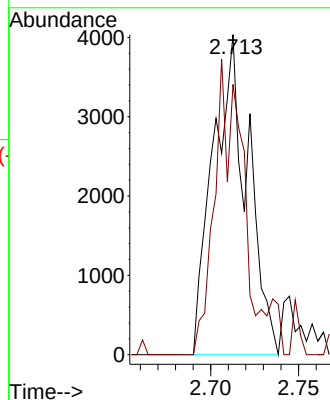
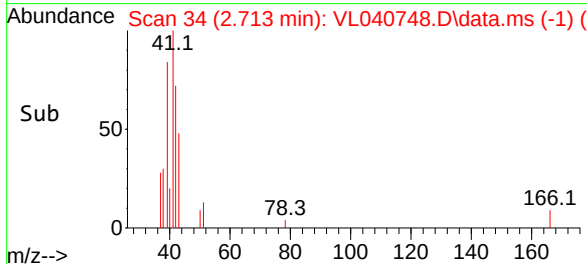
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 41 Resp: 555
Ion Ratio Lower Upper
41 100
42 82.9 56.7 85.1

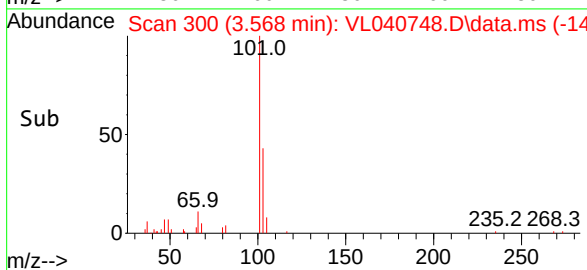
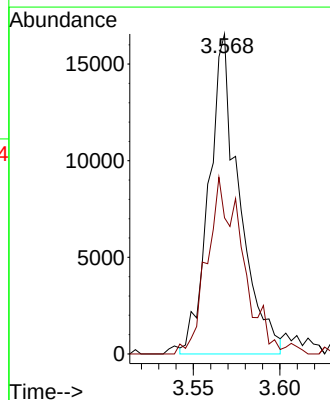
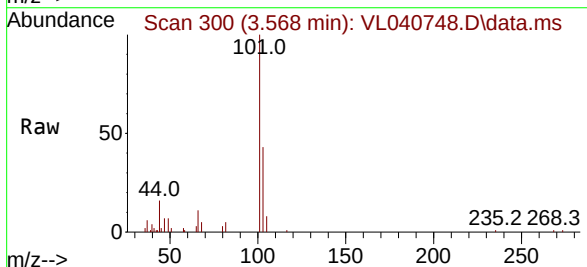
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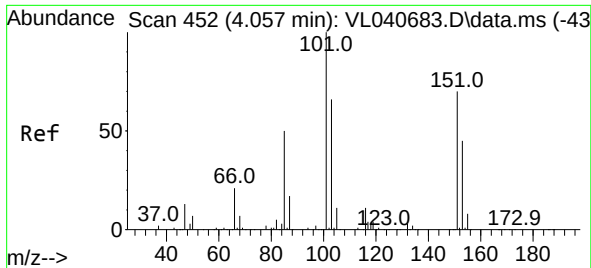
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#11
Trichlorofluoromethane
Concen: 0.134 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.000 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion:101 Resp: 20124
Ion Ratio Lower Upper
101 100
103 41.9 51.3 76.9#





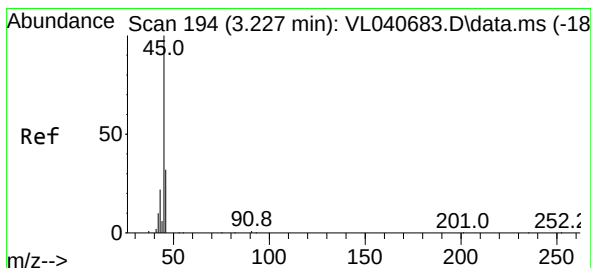
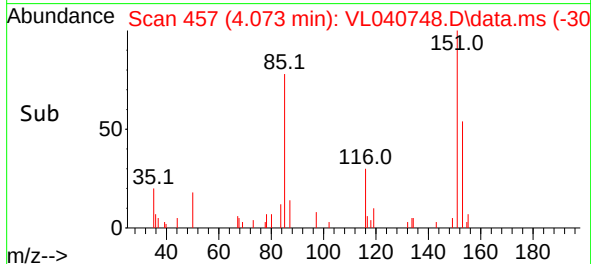
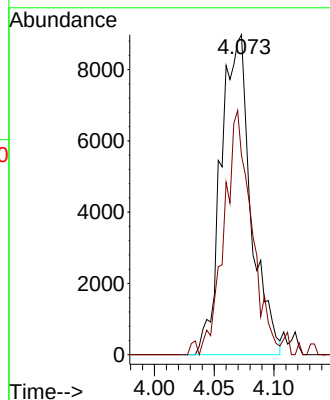
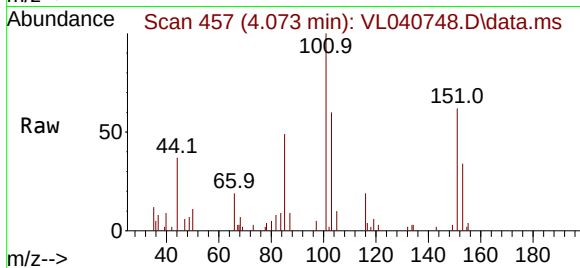
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.145 ppbv m
RT: 4.073 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Tgt Ion:101 Resp: 15590
Ion Ratio Lower Upper
101 100
151 0.0 56.8 85.2

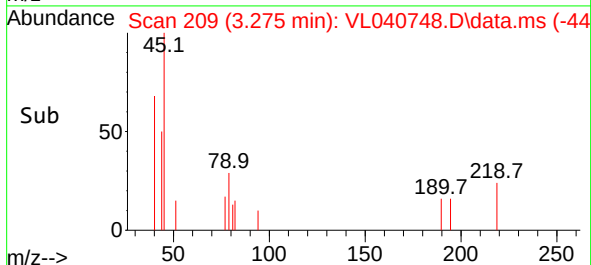
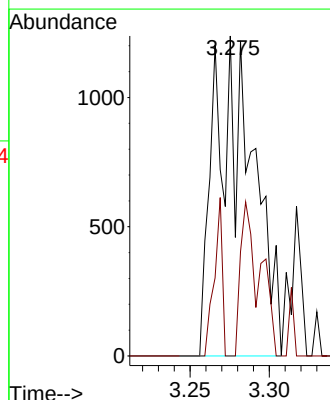
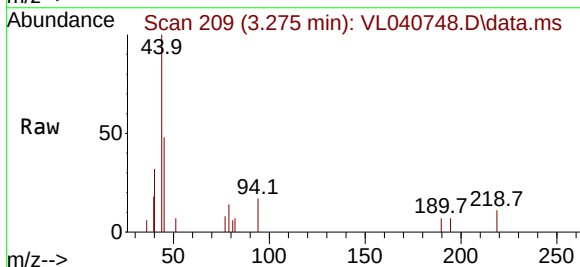
Manual Integrations
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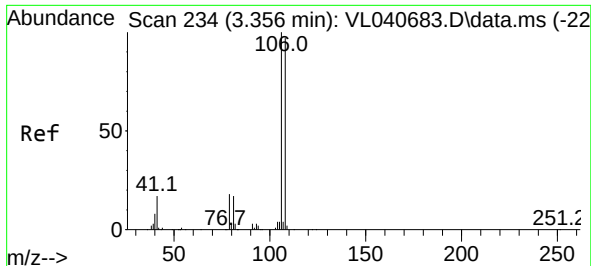
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#13
Ethanol
Concen: 0.191 ppbv m
RT: 3.275 min Scan# 209
Delta R.T. 0.032 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

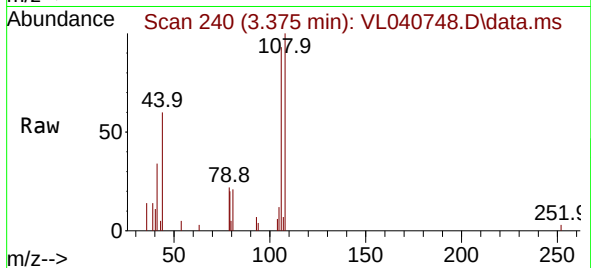
Tgt Ion: 45 Resp: 2062
Ion Ratio Lower Upper
45 100
46 10.4 15.2 61.0





#14
Bromoethene
Concen: 0.123 ppbv
RT: 3.375 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

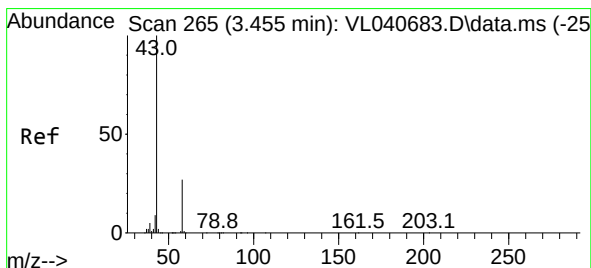
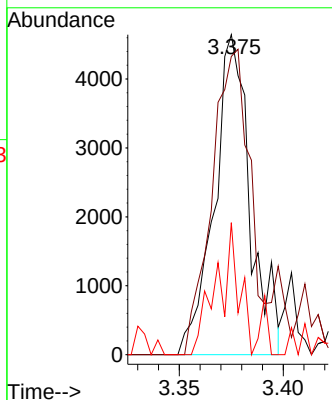
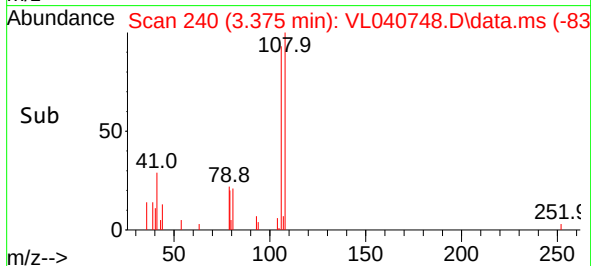
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion:108 Resp: 5569
Ion Ratio Lower Upper
108 100
106 120.3 86.0 129.0
79 29.4 15.6 23.4

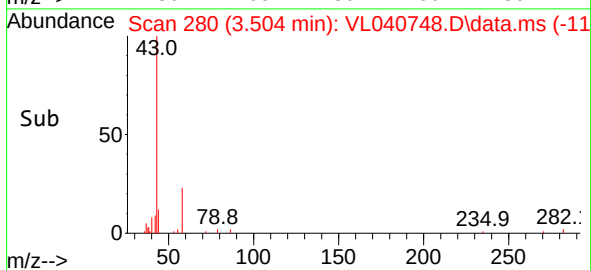
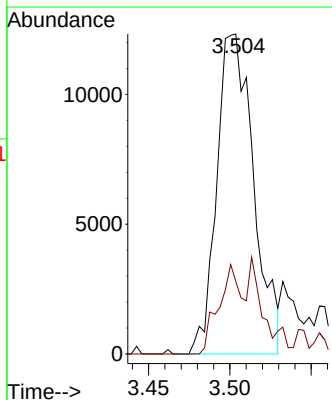
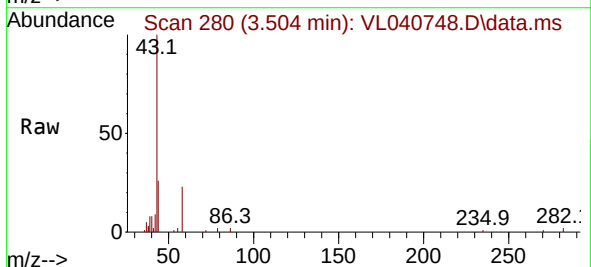
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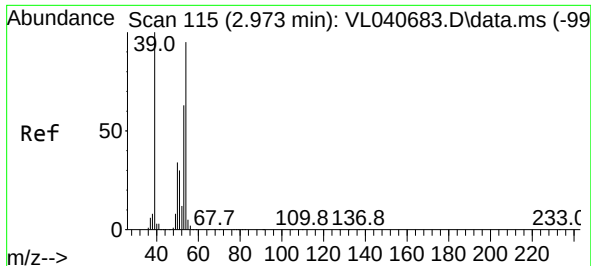
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#15
Acetone
Concen: 0.190 ppbv m
RT: 3.504 min Scan# 280
Delta R.T. 0.032 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

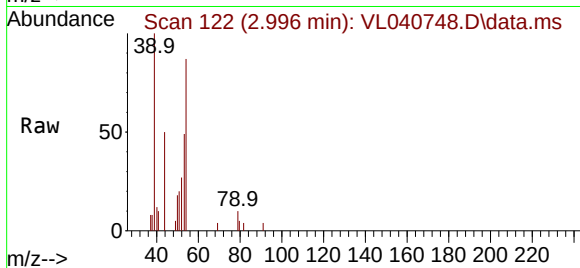
Tgt Ion: 43 Resp: 19446
Ion Ratio Lower Upper
43 100
58 0.0 22.6 34.0





#16
1,3-Butadiene
Concen: 0.163 ppbv m
RT: 2.996 min Scan# 115
Delta R.T. 0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

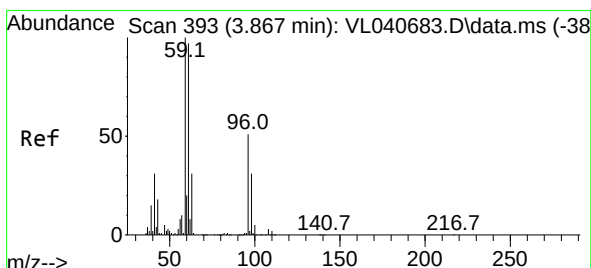
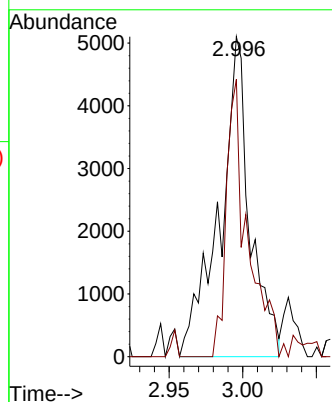
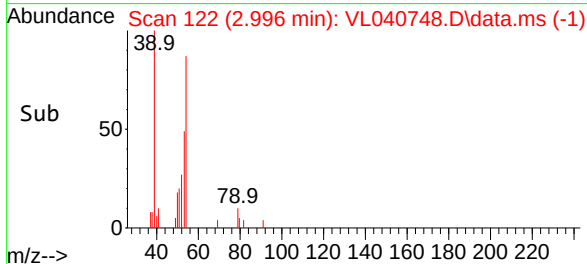
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 39 Resp: 7294
Ion Ratio Lower Upper
39 100
54 0.0 64.8 97.2

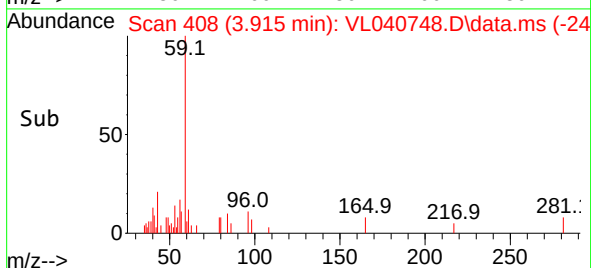
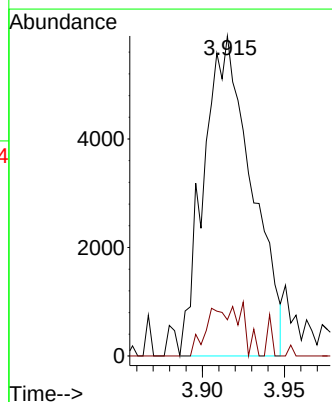
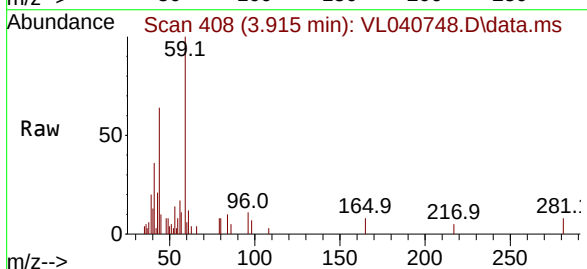
Manual Integrations
APPROVED

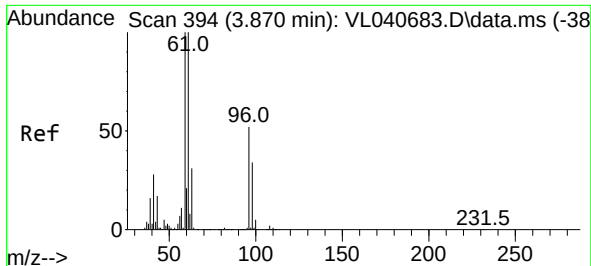
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#17
tert-Butyl alcohol
Concen: 0.114 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.032 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 59 Resp: 11971
Ion Ratio Lower Upper
59 100
57 11.6 8.7 13.1





#18

1,1-Dichloroethene

Concen: 0.150 ppbv m

RT: 3.880 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040748.D

Acq: 4 Oct 2023 20:13

Instrument :

MSVOA_L

ClientSampleId :

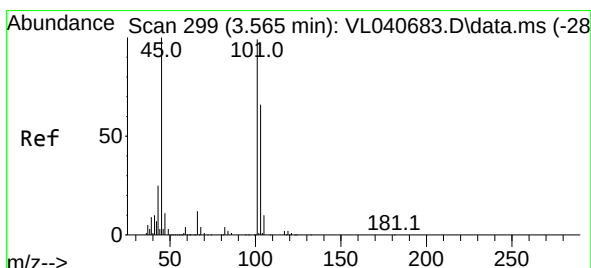
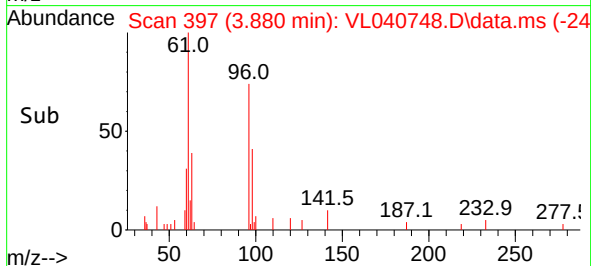
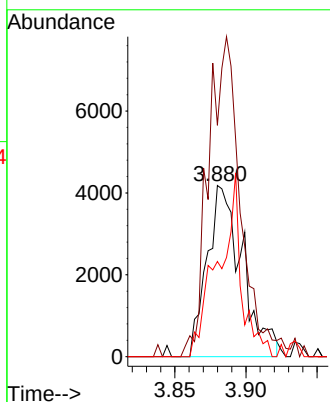
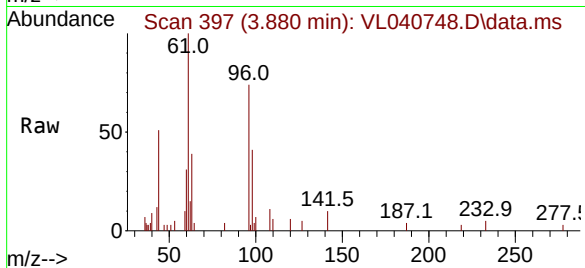
LOD-MDL-AIR-01-QT4-2023

Tgt Ion:	96	Resp:	7190
Ion	Ratio	Lower	Upper
96	100		
61	135.2	153.6	230.4
98	55.6	51.9	77.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#19

Isopropyl Alcohol

Concen: 0.133 ppbv m

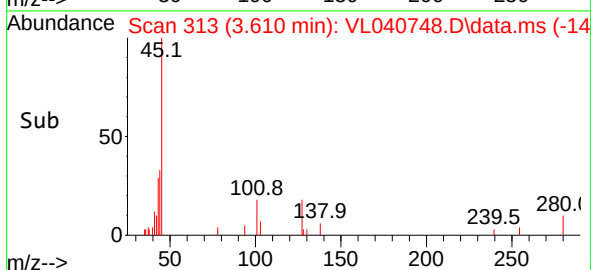
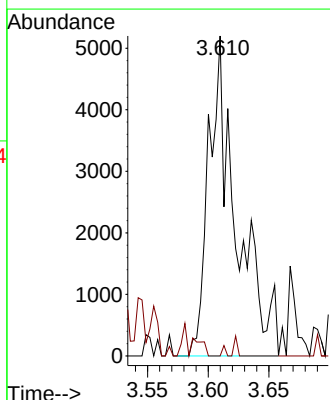
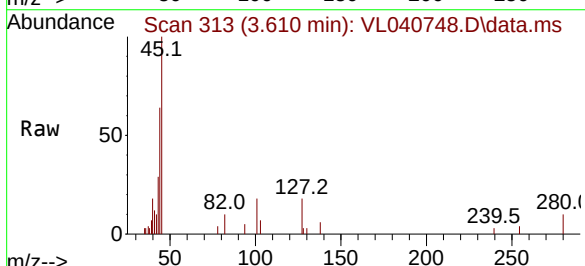
RT: 3.610 min Scan# 313

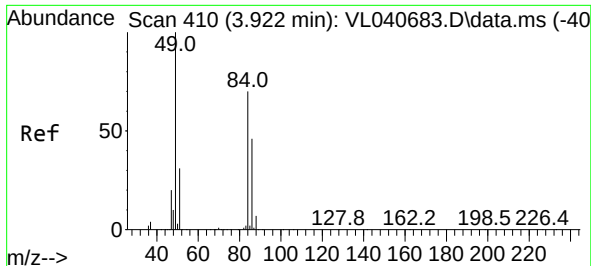
Delta R.T. 0.032 min

Lab File: VL040748.D

Acq: 4 Oct 2023 20:13

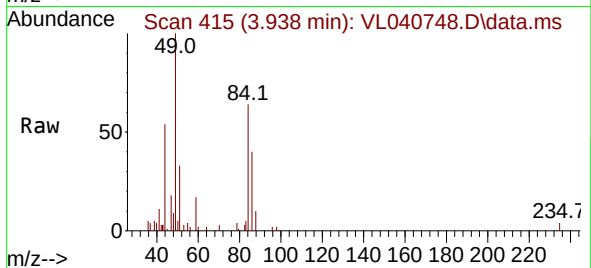
Tgt Ion:	45	Resp:	8236
Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.9	2.9





#20
Methylene Chloride
Concen: 0.258 ppbv
RT: 3.938 min Scan# 410
Delta R.T. -0.000 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

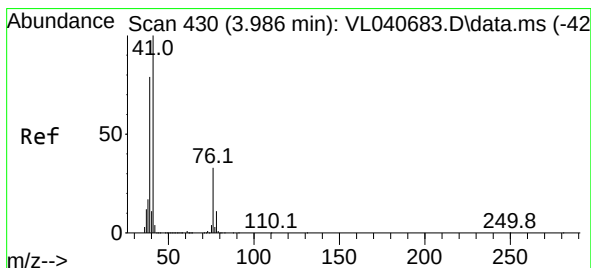
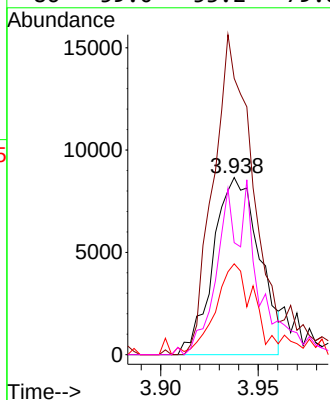
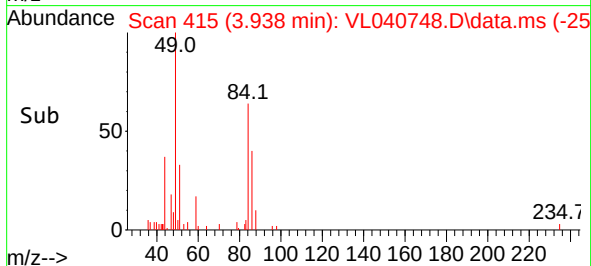
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 84 Resp: 1422
Ion Ratio Lower Upper
84 100
49 156.0 114.4 171.6
51 47.3 35.5 53.3
86 59.0 53.2 79.8

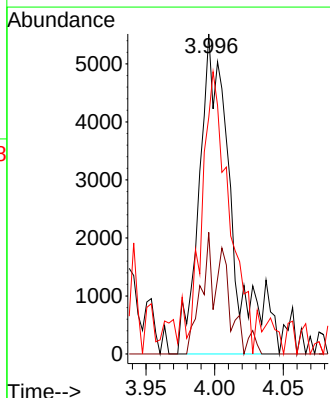
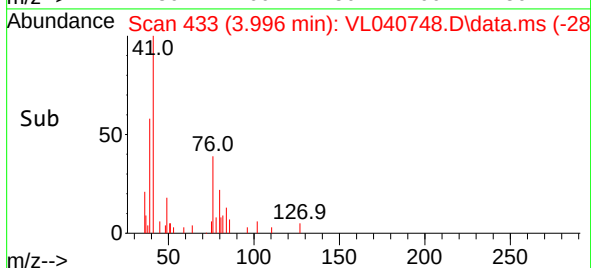
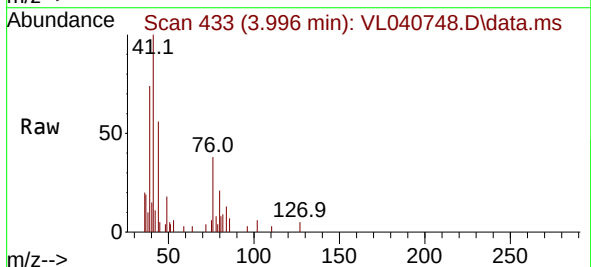
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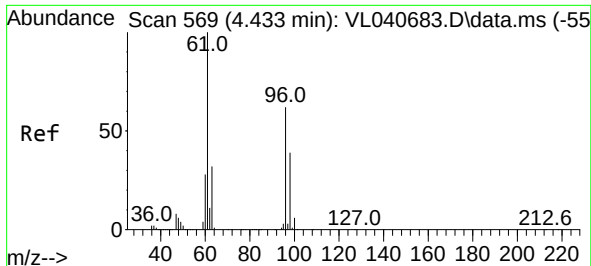
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#21
Allyl Chloride
Concen: 0.143 ppbv m
RT: 3.996 min Scan# 433
Delta R.T. -0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

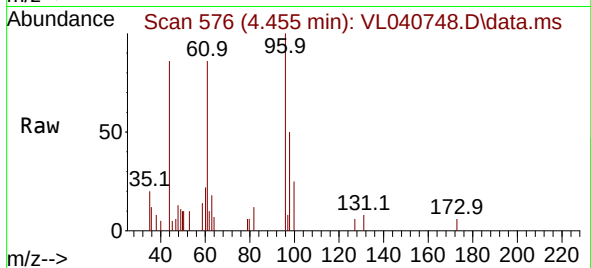
Tgt Ion: 41 Resp: 8959
Ion Ratio Lower Upper
41 100
76 28.6 26.6 40.0
39 0.0 65.0 97.4#





#22
trans-1,2-Dichloroethene
Concen: 0.145 ppbv m
RT: 4.455 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

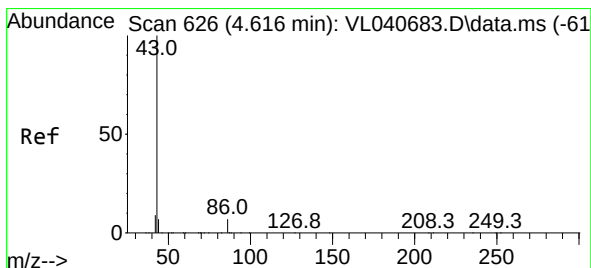
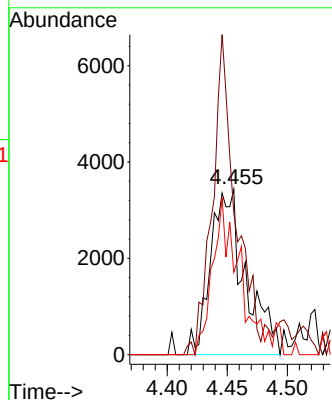
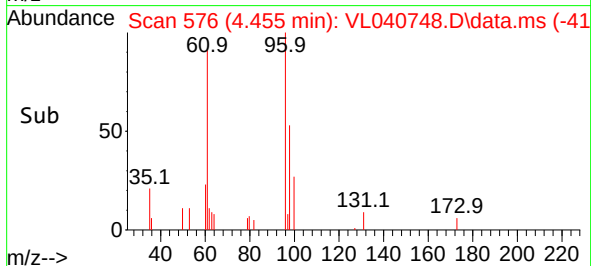
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 96 Resp: 6879
Ion Ratio Lower Upper
96 100
61 85.8 129.9 194.9
98 49.8 50.2 75.4

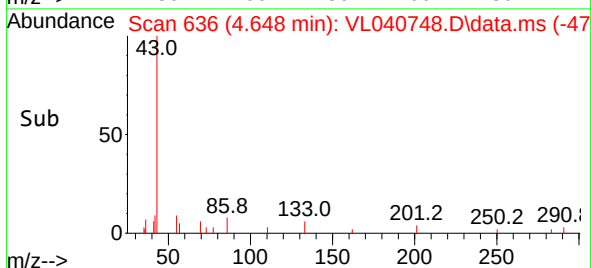
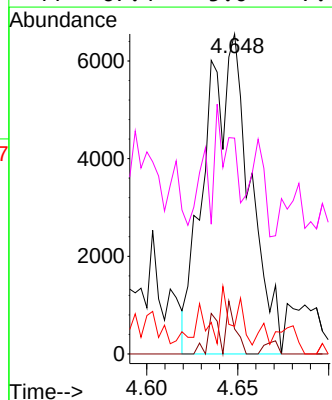
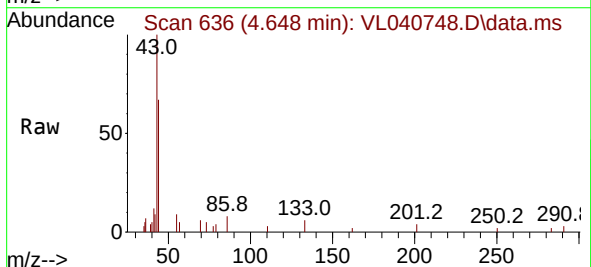
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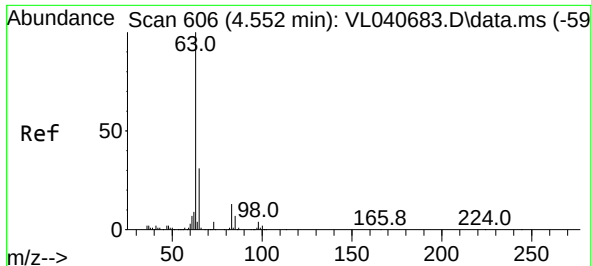
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#23
Vinyl Acetate
Concen: 0.105 ppbv m
RT: 4.648 min Scan# 636
Delta R.T. 0.016 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

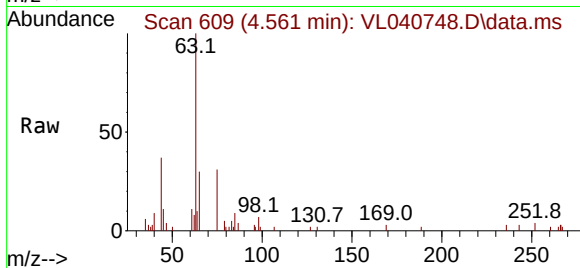
Tgt Ion: 43 Resp: 11160
Ion Ratio Lower Upper
43 100
86 7.8 5.6 8.4
42 8.6 7.6 11.4
44 67.4 5.0 7.4





#24
1,1-Dichloroethane
Concen: 0.135 ppbv m
RT: 4.561 min Scan# 609
Delta R.T. -0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

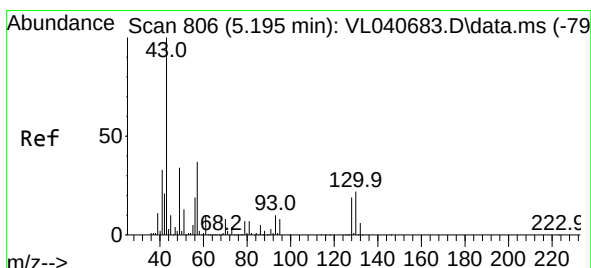
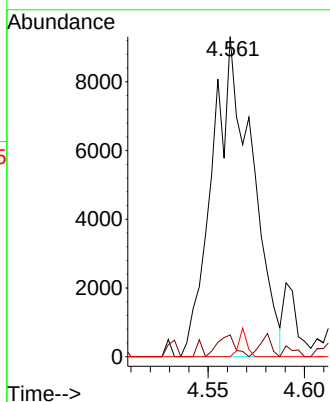
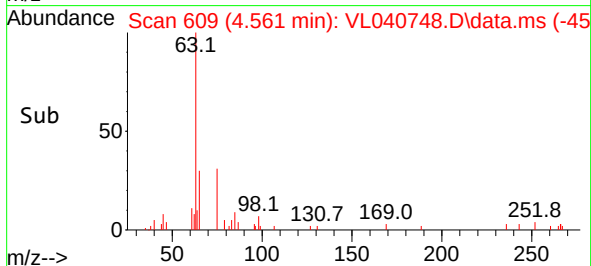
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 63 Resp: 1342
Ion Ratio Lower Upper
63 100
98 6.8 1.8 5.5
100 0.0 1.2 3.6

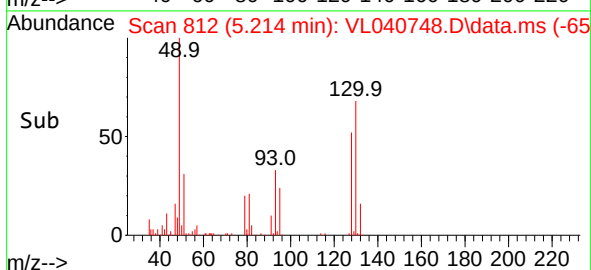
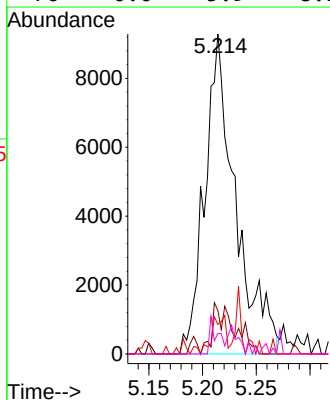
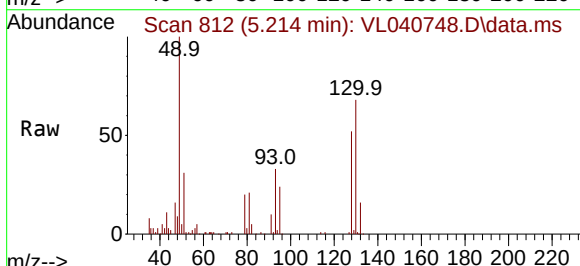
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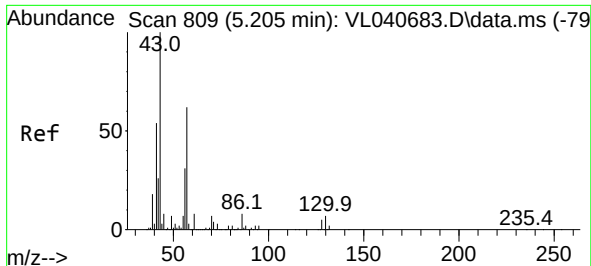
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#25
Ethyl Acetate
Concen: 0.111 ppbv m
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

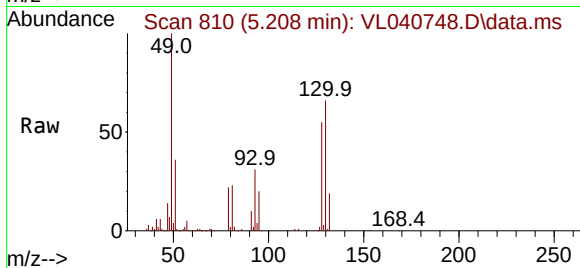
Tgt Ion: 43 Resp: 18418
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.4#
61 0.0 8.2 12.4#
70 0.0 5.9 8.9#





#26
Hexane
Concen: 0.122 ppbv m
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

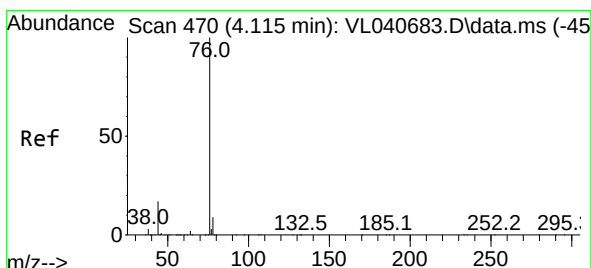
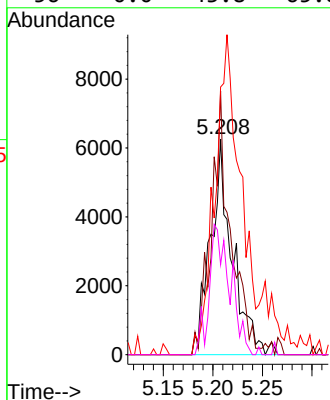
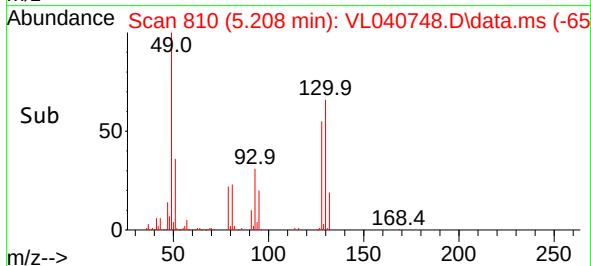
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 57 Resp: 9574
Ion Ratio Lower Upper
57 100
41 109.8 75.2 112.8
43 201.5 185.6 278.4
56 0.0 43.8 65.8#

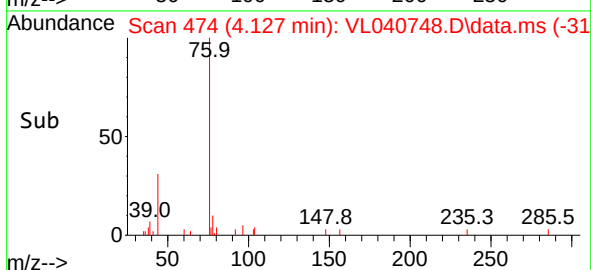
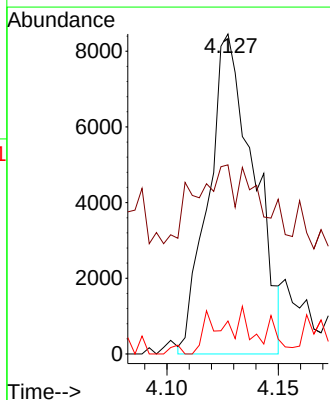
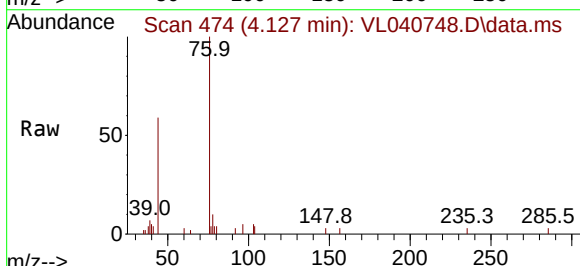
Manual Integrations
APPROVED

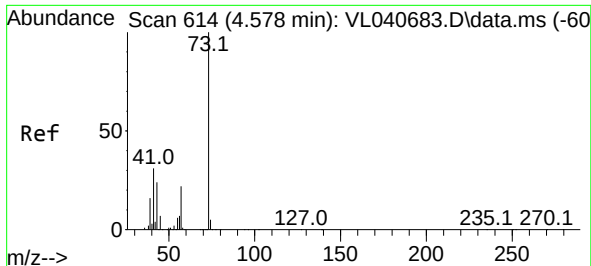
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#27
Carbon Disulfide
Concen: 0.110 ppbv
RT: 4.127 min Scan# 474
Delta R.T. -0.003 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 76 Resp: 11984
Ion Ratio Lower Upper
76 100
44 49.6 14.5 21.7#
78 13.3 7.7 11.5#





#28

Methyl tert-Butyl Ether

Concen: 0.129 ppbv m

RT: 4.610 min Scan# 614

Delta R.T. 0.019 min

Lab File: VL040748.D

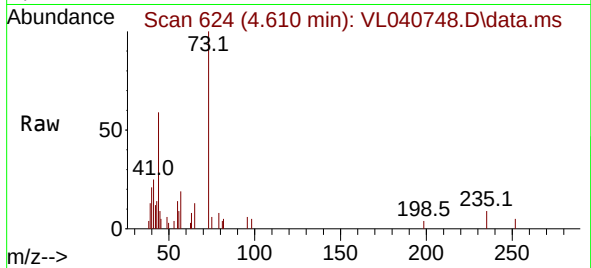
Acq: 4 Oct 2023 20:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 73 Resp: 865

Ion Ratio Lower Upper

73 100

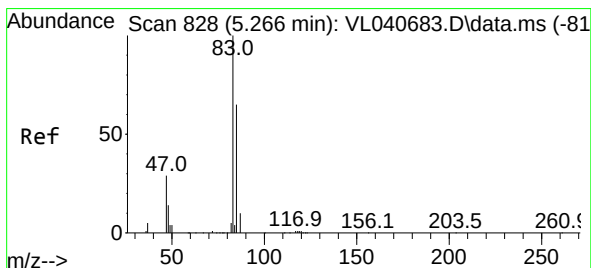
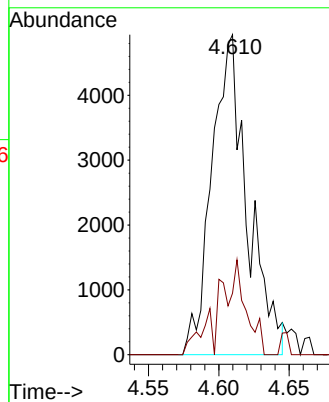
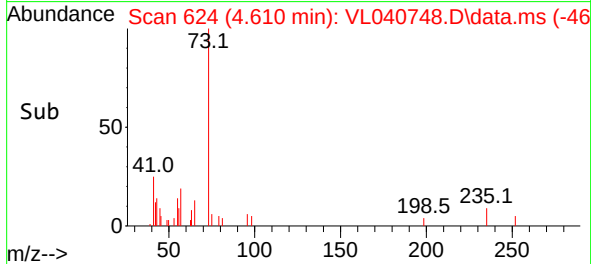
57 0.0 18.8 28.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#29

Chloroform

Concen: 0.115 ppbv

RT: 5.272 min Scan# 830

Delta R.T. -0.010 min

Lab File: VL040748.D

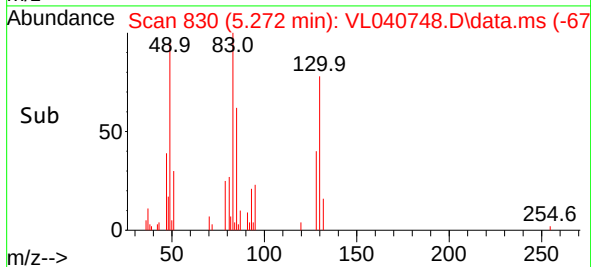
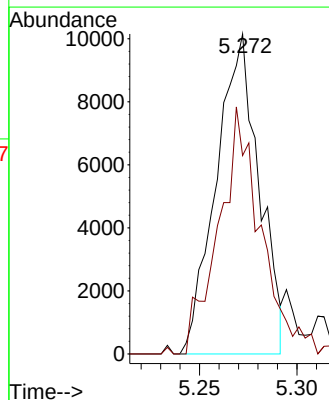
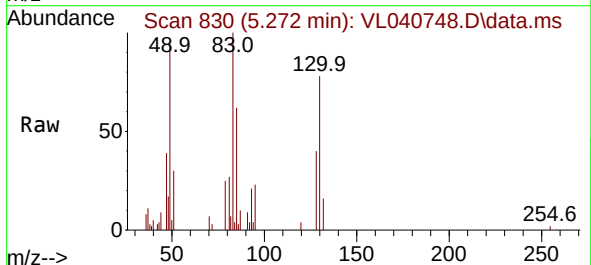
Acq: 4 Oct 2023 20:13

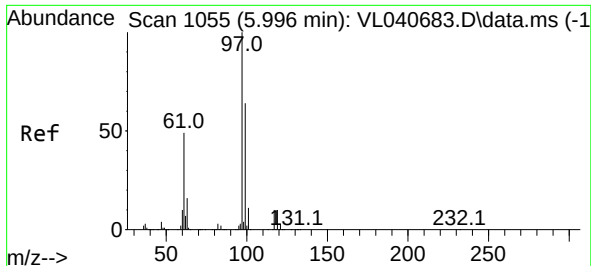
Tgt Ion: 83 Resp: 15524

Ion Ratio Lower Upper

83 100

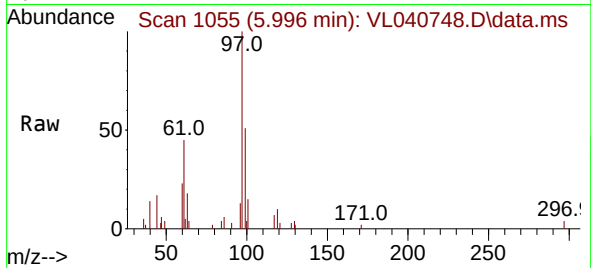
85 62.0 51.8 77.8





#32
1,1,1-Trichloroethane
Concen: 0.117 ppbv m
RT: 5.996 min Scan# 1055
Delta R.T. -0.016 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

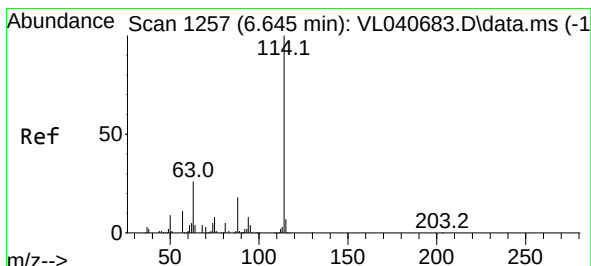
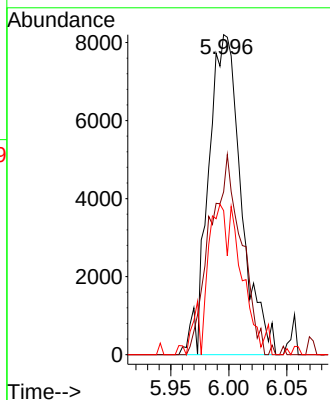
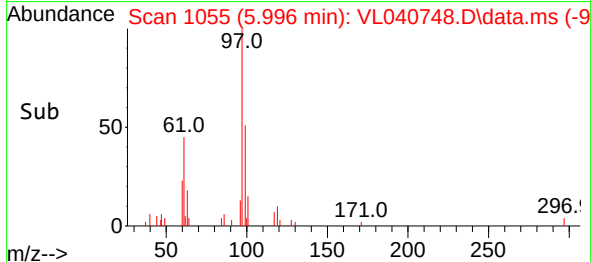
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 97 Resp: 1620
Ion Ratio Lower Upper
97 100
99 60.0 52.4 78.6
61 50.6 40.2 60.4

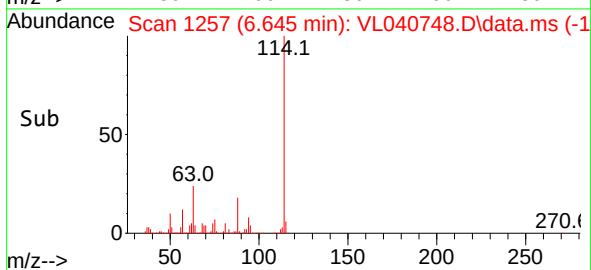
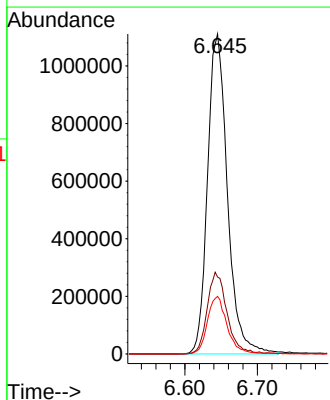
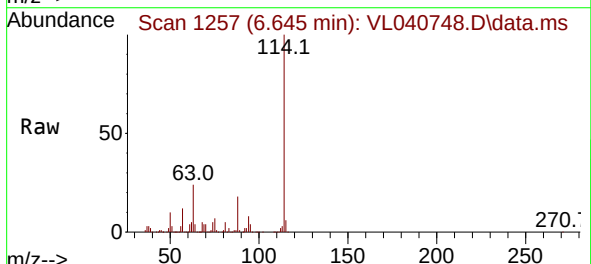
Manual Integrations
APPROVED

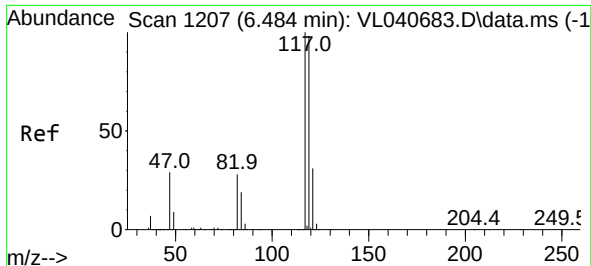
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

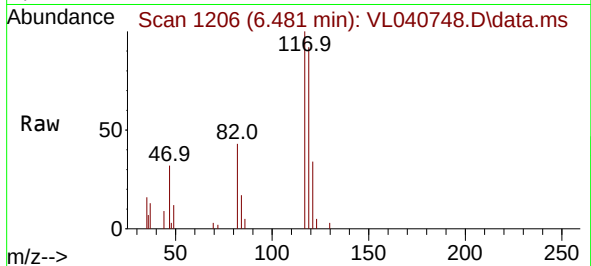
Tgt Ion:114 Resp: 2117129
Ion Ratio Lower Upper
114 100
63 25.8 21.1 31.7
88 18.0 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.097 ppbv m
RT: 6.481 min Scan# 117
Delta R.T. -0.023 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

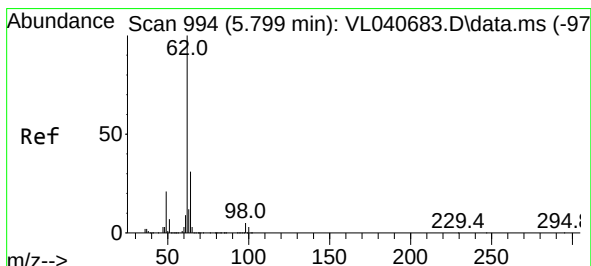
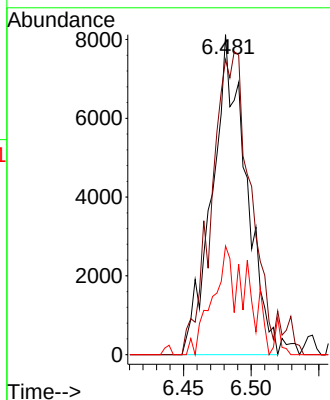
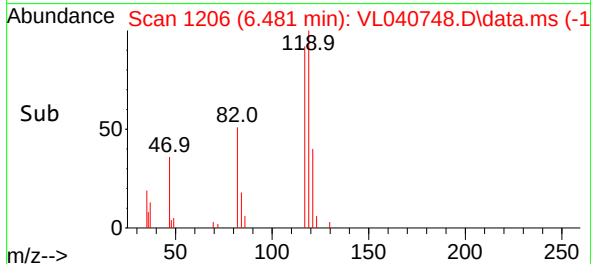
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 117 Resp: 14079
Ion Ratio Lower Upper
117 100
119 92.3 78.6 117.8
121 33.9 24.7 37.1

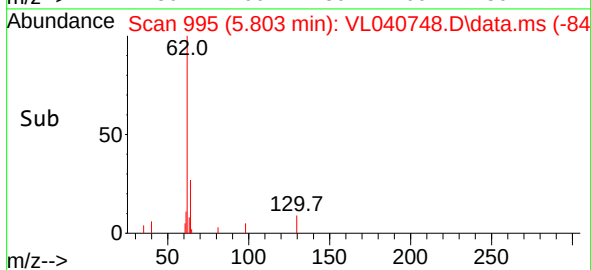
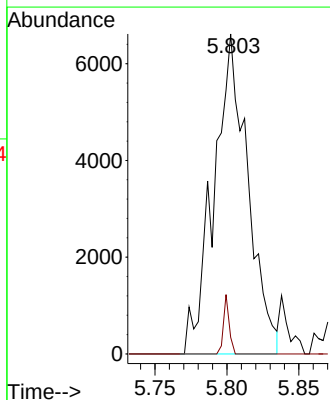
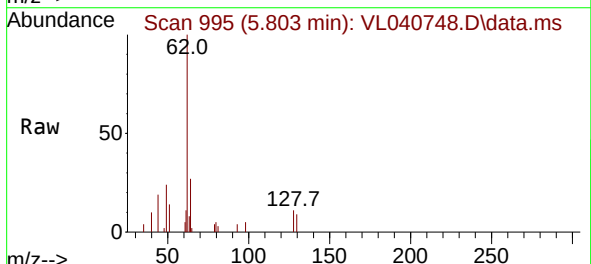
Manual Integrations
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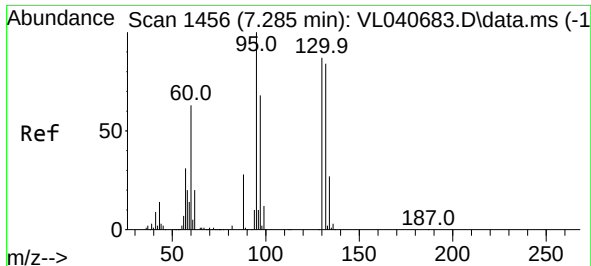
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#37
1,2-Dichloroethane
Concen: 0.101 ppbv m
RT: 5.803 min Scan# 995
Delta R.T. -0.013 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

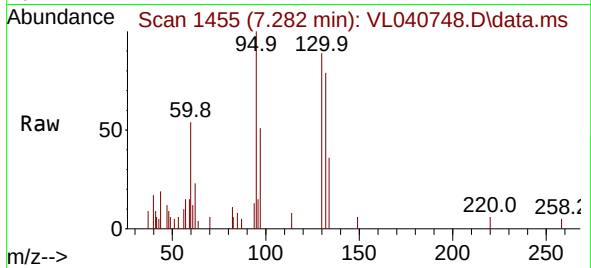
Tgt Ion: 62 Resp: 10870
Ion Ratio Lower Upper
62 100
98 3.1 4.2 6.4#





#38
 Trichloroethene
 Concen: 0.100 ppbv m
 RT: 7.282 min Scan# 1455
 Delta R.T. -0.019 min
 Lab File: VL040748.D
 Acq: 4 Oct 2023 20:13

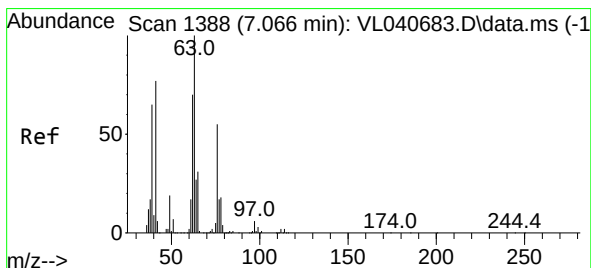
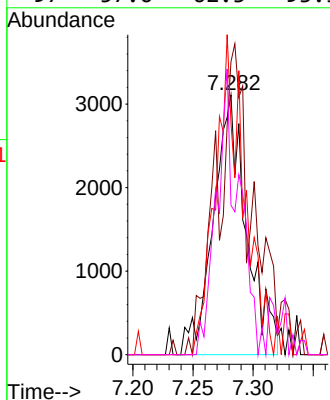
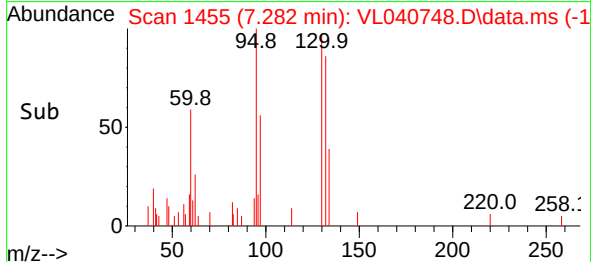
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023



Tgt Ion:	130	Resp:	597
Ion	Ratio	Lower	Upper
130	100		
95	112.9	91.9	137.9
132	89.1	77.3	115.9
97	57.6	62.3	93.5#

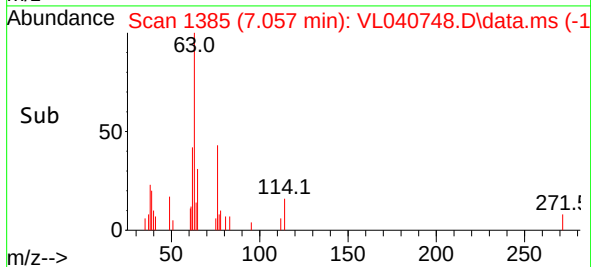
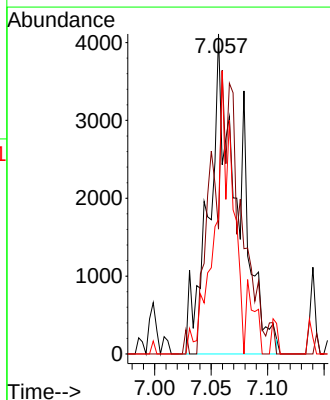
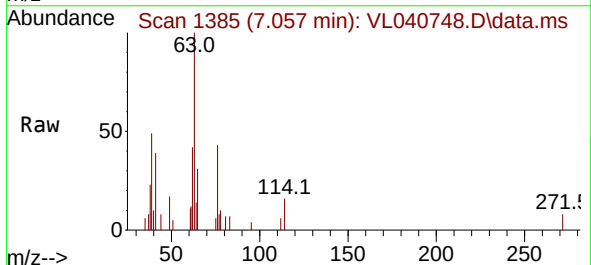
Manual Integrations
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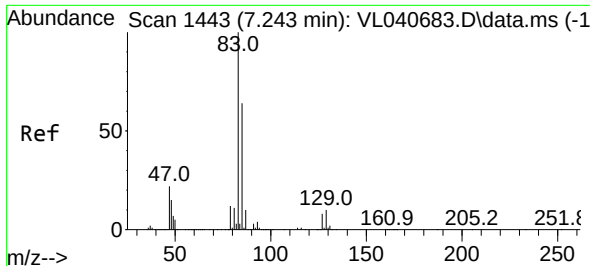
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#39
 1,2-Dichloropropane
 Concen: 0.122 ppbv m
 RT: 7.057 min Scan# 1385
 Delta R.T. -0.026 min
 Lab File: VL040748.D
 Acq: 4 Oct 2023 20:13

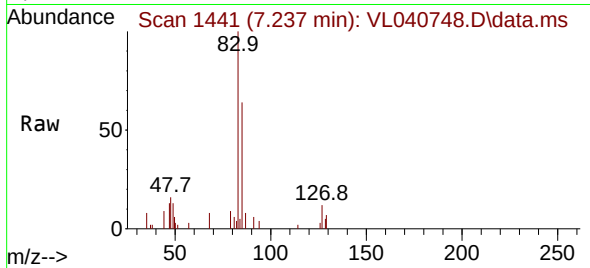
Tgt Ion:	63	Resp:	7357
Ion	Ratio	Lower	Upper
63	100		
41	39.0	61.6	92.4#
62	42.0	55.8	83.8#





#42
Bromodichloromethane
Concen: 0.108 ppbv m
RT: 7.237 min Scan# 1441
Delta R.T. -0.023 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

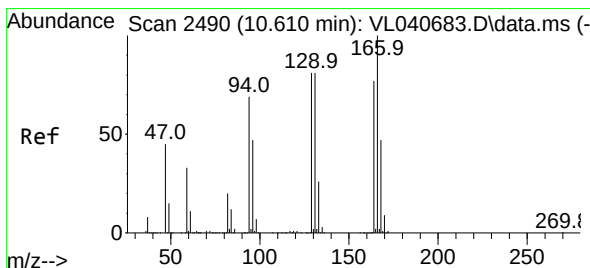
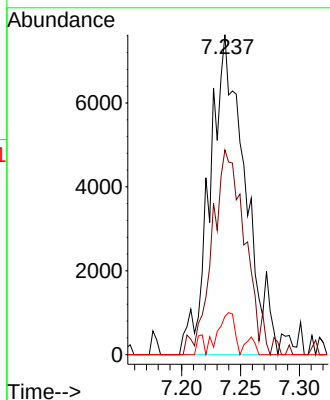
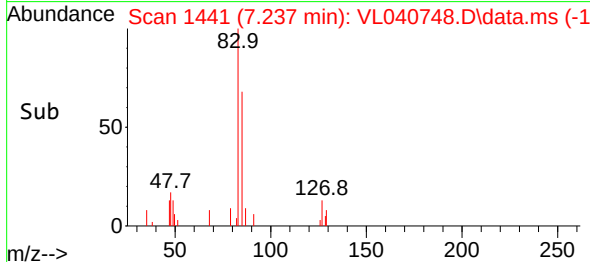
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



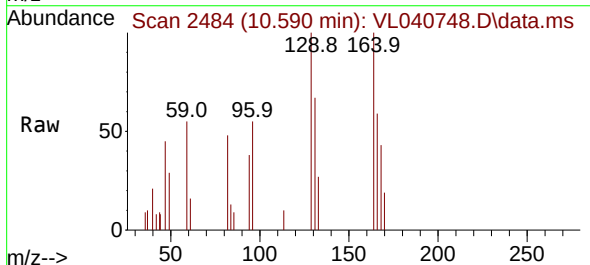
Tgt Ion: 83 Resp: 1577
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8
127 11.9 6.2 9.4

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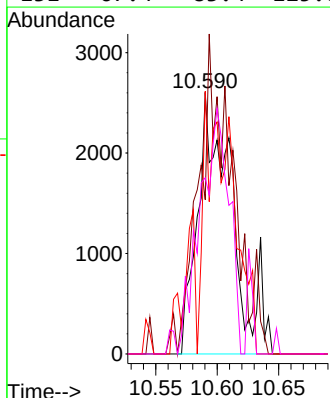
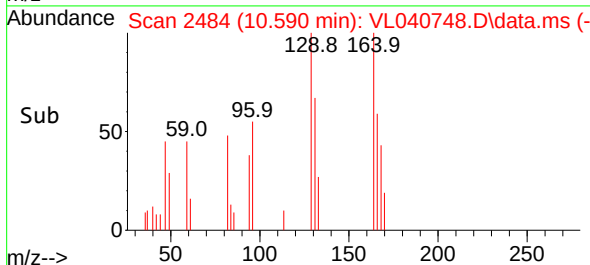
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

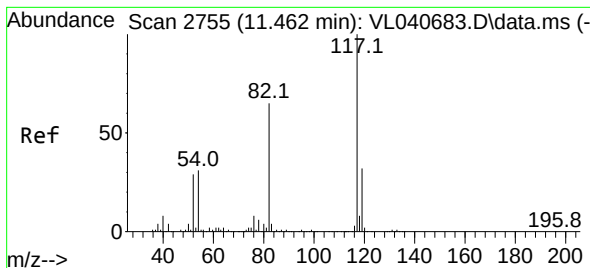


#52
Tetrachloroethene
Concen: 0.098 ppbv m
RT: 10.590 min Scan# 2484
Delta R.T. -0.035 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13



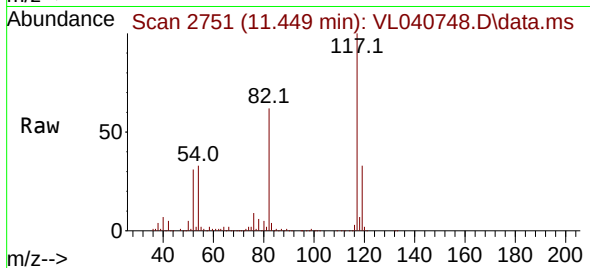
Tgt Ion:164 Resp: 5028
Ion Ratio Lower Upper
164 100
166 59.0 103.4 155.2#
129 100.4 83.5 125.3
131 67.4 83.4 125.0#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. -0.029 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

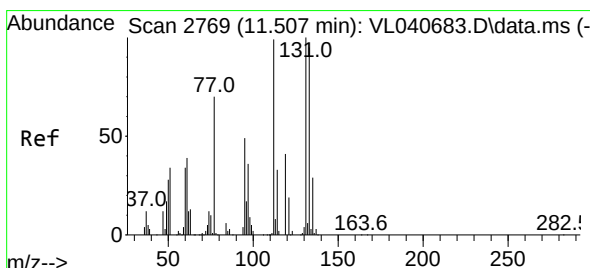
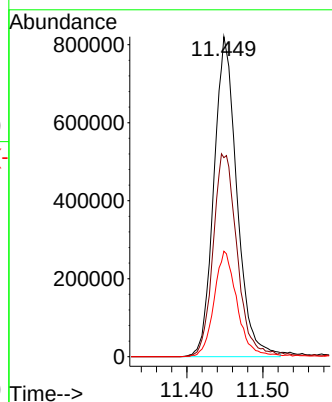
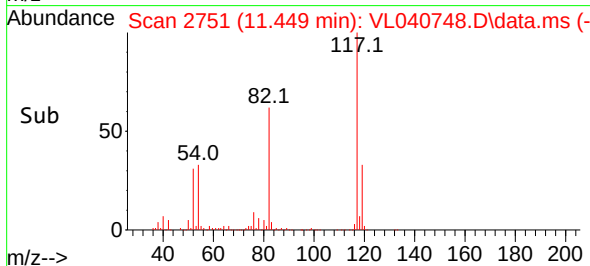
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



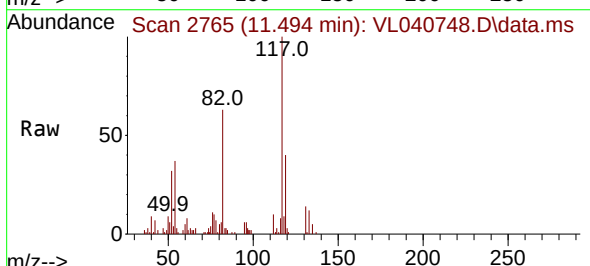
Tgt Ion:117 Resp: 172639
Ion Ratio Lower Upper
117 100
82 67.5 51.4 77.0
119 33.5 24.7 37.1

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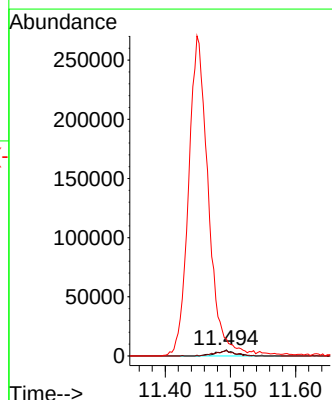
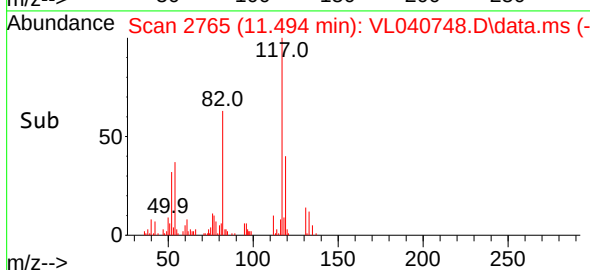
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

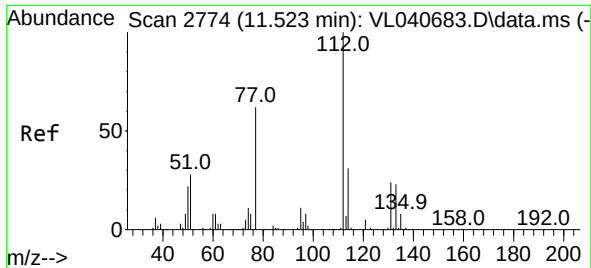


#56
1,1,1,2-Tetrachloroethane
Concen: 0.117 ppbv m
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13



Tgt Ion:131 Resp: 9594
Ion Ratio Lower Upper
131 100
133 95.6 76.2 114.2
119 0.0 45.5 68.3#





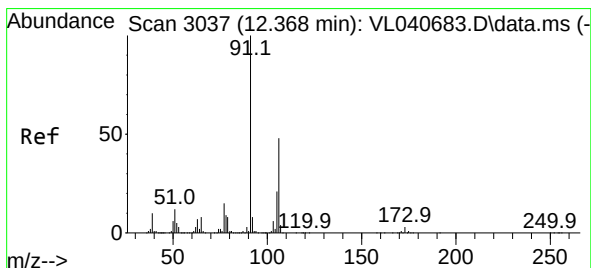
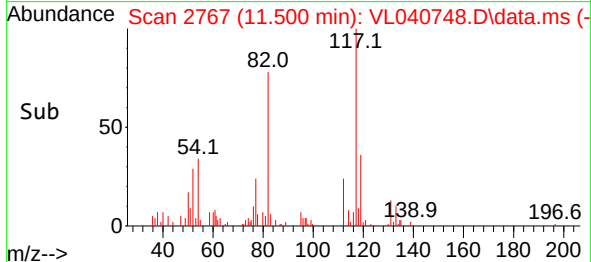
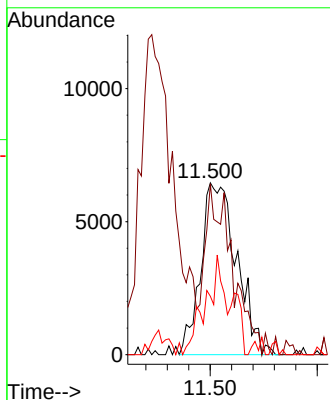
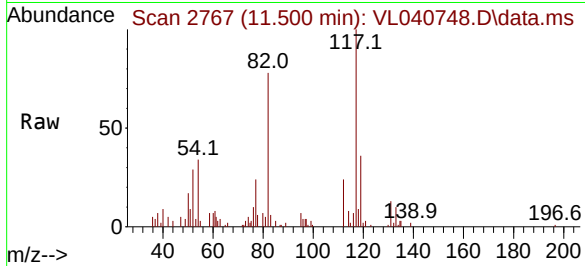
#57
Chlorobenzene
Concen: 0.115 ppbv m
RT: 11.500 min Scan# 21
Delta R.T. -0.035 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Tgt Ion:112 Resp: 15020
Ion Ratio Lower Upper
112 100
77 99.5 50.8 76.2
114 33.9 28.2 34.4

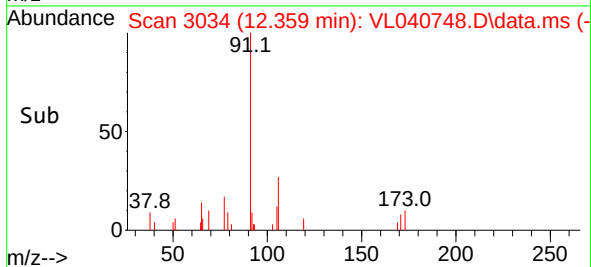
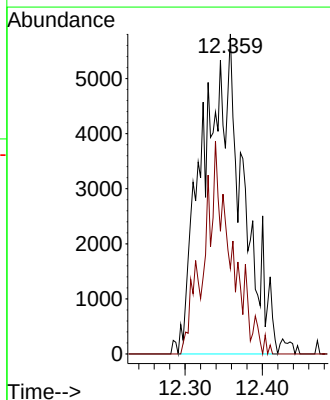
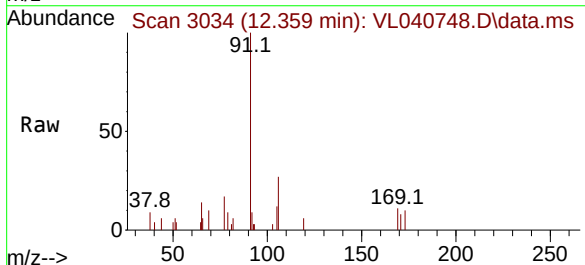
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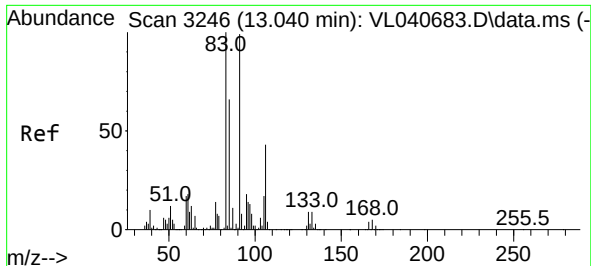
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#59
m/p-Xylene
Concen: 0.112 ppbv m
RT: 12.359 min Scan# 3034
Delta R.T. -0.023 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 91 Resp: 20657
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2#





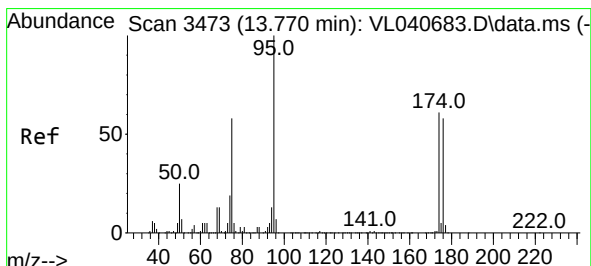
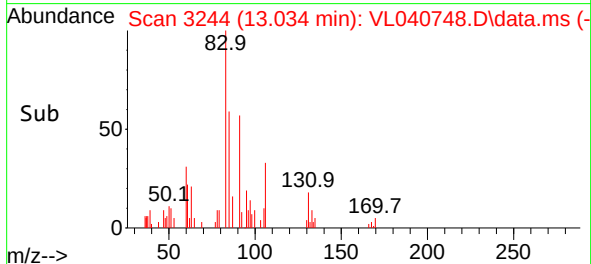
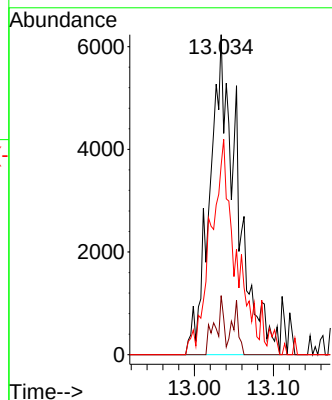
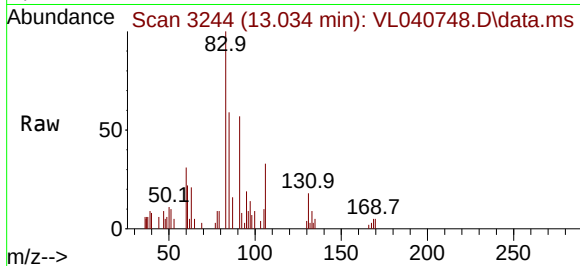
#63
1,1,2,2-Tetrachloroethane
Concen: 0.110 ppbv m
RT: 13.034 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Tgt Ion: 83 Resp: 15219
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 0.0 33.1 99.3

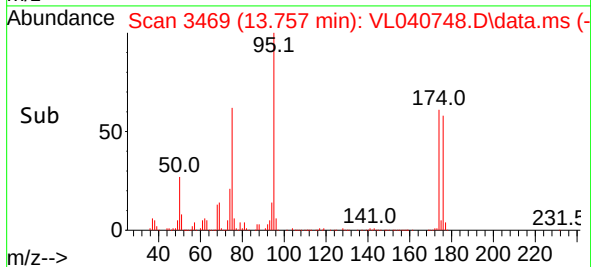
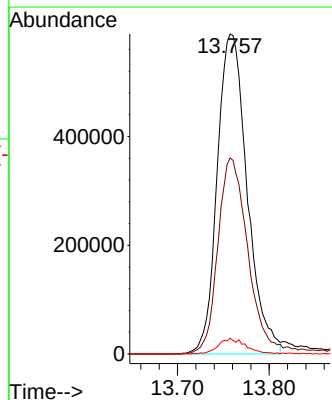
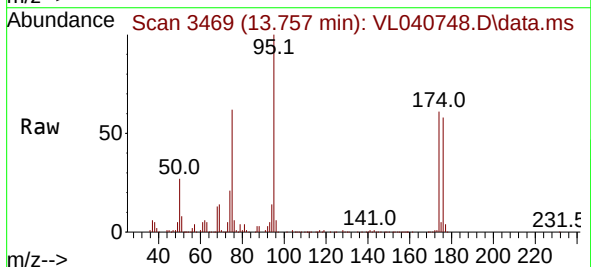
Manual Integrations
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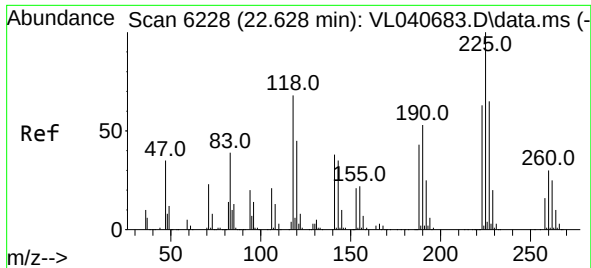
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.023 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.029 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

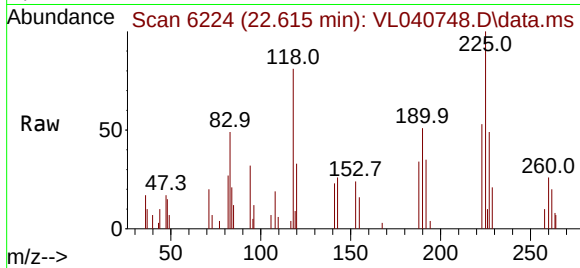
Tgt Ion: 95 Resp: 1336964
Ion Ratio Lower Upper
95 100
174 63.7 48.9 73.3
175 4.6 3.5 5.3





#78
Hexachloro-1,3-Butadiene
Concen: 0.120 ppbv m
RT: 22.615 min Scan# 61
Delta R.T. -0.023 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion:225 Resp: 1114
Ion Ratio Lower Upper
225 100
223 0.0 51.2 76.8
227 0.0 50.7 76.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

