

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041241.D
 Acq On : 8 May 2024 13:13
 Operator : SY/MD
 Sample : P2403-13 LOD 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024

Quant Time: May 09 05:11:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Bromochloromethane	5.217	49	812942	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.680	114	2161532	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	1968339	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.805	95	1526641	10.274	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.754	85	15353	0.140	ppbv	98
3) Chlorodifluoromethane	2.697	51	15149	0.123	ppbv	96
4) Chloromethane	2.841	50	5374m	0.111	ppbv	
5) Vinyl Chloride	2.944	62	4420m	0.091	ppbv	
6) Bromomethane	3.153	94	1732m	0.098	ppbv	
7) Chloroethane	3.221	64	1722m	0.100	ppbv	
8) Dichlorotetrafluoroethane	2.877	85	11056	0.097	ppbv	90
9) Propene	2.722	41	7418	0.154	ppbv	98
10) Heptane	7.606	43	9506m	0.081	ppbv	
11) Trichlorofluoromethane	3.587	101	11216	0.100	ppbv #	76
12) 1,1,2-Trichlorotrifluo...	4.092	101	8620m	0.104	ppbv	
13) Ethanol	3.285	45	1520m	0.140	ppbv	
14) Bromoethene	3.391	108	3573m	0.105	ppbv	
15) Acetone	3.520	43	19789m	0.206	ppbv	
16) 1,3-Butadiene	3.015	39	6167m	0.127	ppbv	
17) tert-Butyl alcohol	3.931	59	10042m	0.097	ppbv	
18) 1,1-Dichloroethene	3.912	96	3949m	0.107	ppbv	
19) Isopropyl Alcohol	3.632	45	6452m	0.102	ppbv	
20) Methylene Chloride	3.957	84	8989m	0.269	ppbv	
21) Allyl Chloride	4.021	41	6229m	0.100	ppbv	
22) trans-1,2-Dichloroethene	4.471	96	3782m	0.099	ppbv	
23) Vinyl Acetate	4.674	43	8561m	0.081	ppbv	
24) 1,1-Dichloroethane	4.590	63	8660m	0.105	ppbv	
25) Ethyl Acetate	5.246	43	20037m	0.105	ppbv	
26) Hexane	5.240	57	8835m	0.103	ppbv	
27) Carbon Disulfide	4.153	76	9019m	0.089	ppbv	
28) Methyl tert-Butyl Ether	4.635	73	6483m	0.095	ppbv	
29) Chloroform	5.298	83	13442m	0.114	ppbv	
30) Cyclohexane	6.632	84	7061m	0.104	ppbv	
31) cis-1,2-Dichloroethene	5.105	61	7029m	0.088	ppbv	
32) 1,1,1-Trichloroethane	6.028	97	10490m	0.089	ppbv	
34) 2-Butanone	4.835	43	12988m	0.118	ppbv	
35) Carbon Tetrachloride	6.516	117	9908m	0.082	ppbv	
36) Benzene	6.397	78	16773m	0.092	ppbv	
37) 1,2-Dichloroethane	5.835	62	9470m	0.100	ppbv	
38) Trichloroethene	7.323	130	7147m	0.106	ppbv	
39) 1,2-Dichloropropane	7.102	63	7840m	0.112	ppbv	
40) 1,4-Dioxane	7.368	88	3141m	0.126	ppbv	
41) Tetrahydrofuran	5.622	42	7485m	0.094	ppbv	
42) Bromodichloromethane	7.275	83	12209m	0.090	ppbv	
43) Methyl Methacrylate	7.513	69	5454m	0.074	ppbv	
44) 2,2,4-Trimethylpentane	7.356	57	26882m	0.086	ppbv	
45) t-1,3-Dichloropropene	8.741	75	3135m	0.059	ppbv	

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

Quant Time: May 09 05:11:41 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu May 09 02:43:03 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	4315m	0.066	ppbv	
47) 1,1,2-Trichloroethane	8.925	97	7330m	0.105	ppbv	
48) Dibromochloromethane	9.735	129	8540m	0.077	ppbv	
49) Bromoform	12.436	173	6493m	0.068	ppbv	
50) 4-Methyl-2-Pentanone	8.230	43	18351m	0.093	ppbv	
51) 2-Hexanone	9.619	43	11156m	0.076	ppbv	
52) Tetrachloroethene	10.645	164	6201m	0.097	ppbv	
53) Toluene	9.249	91	16191m	0.077	ppbv	
54) 1,2-Dibromoethane	10.040	107	8242m	0.087	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.542	131	7438m	0.093	ppbv	
57) Chlorobenzene	11.555	112	15576m	0.108	ppbv	
58) Ethyl Benzene	12.108	91	20865m	0.077	ppbv	
59) m/p-Xylene	12.404	91	37294m	0.164	ppbv	
60) o-Xylene	13.082	91	17927m	0.084	ppbv	
61) Styrene	12.934	104	7922m	0.071	ppbv	
62) Isopropylbenzene	14.063	105	28751m	0.090	ppbv	
63) 1,1,1,2-Tetrachloroethane	13.085	83	15258m	0.105	ppbv	
64) n-propylbenzene	14.966	120	6597m	0.083	ppbv	
65) tert-Butylbenzene	16.111	119	23593m	0.083	ppbv	
66) Benzyl Chloride	16.374	91	2017m	0.063	ppbv	
67) sec-Butylbenzene	16.664	105	35450m	0.088	ppbv	
69) p-Isopropyltoluene	17.018	119	27046m	0.082	ppbv	
70) n-Butylbenzene	17.924	91	24771m	0.072	ppbv	
71) 2-Chlorotoluene	14.825	91	21520m	0.089	ppbv	
72) 4-Ethyltoluene	15.223	105	20065m	0.083	ppbv	
73) 1,3,5-Trimethylbenzene	15.384	105	17659m	0.081	ppbv	
74) 1,2,4-Trimethylbenzene	16.137	105	18630m	0.078	ppbv	
75) 1,3-Dichlorobenzene	16.368	146	13710m	0.100	ppbv	
76) 1,4-Dichlorobenzene	16.509	146	13966m	0.106	ppbv	
77) 1,2-Dichlorobenzene	17.182	146	12797m	0.094	ppbv	
78) Hexachloro-1,3-Butadiene	22.676	225	12863m	0.106	ppbv	
79) Naphthalene	21.432	128	12064m	0.053	ppbv	
81) 1,2,4-Trichlorobenzene	21.194	180	7917m	0.066	ppbv	

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

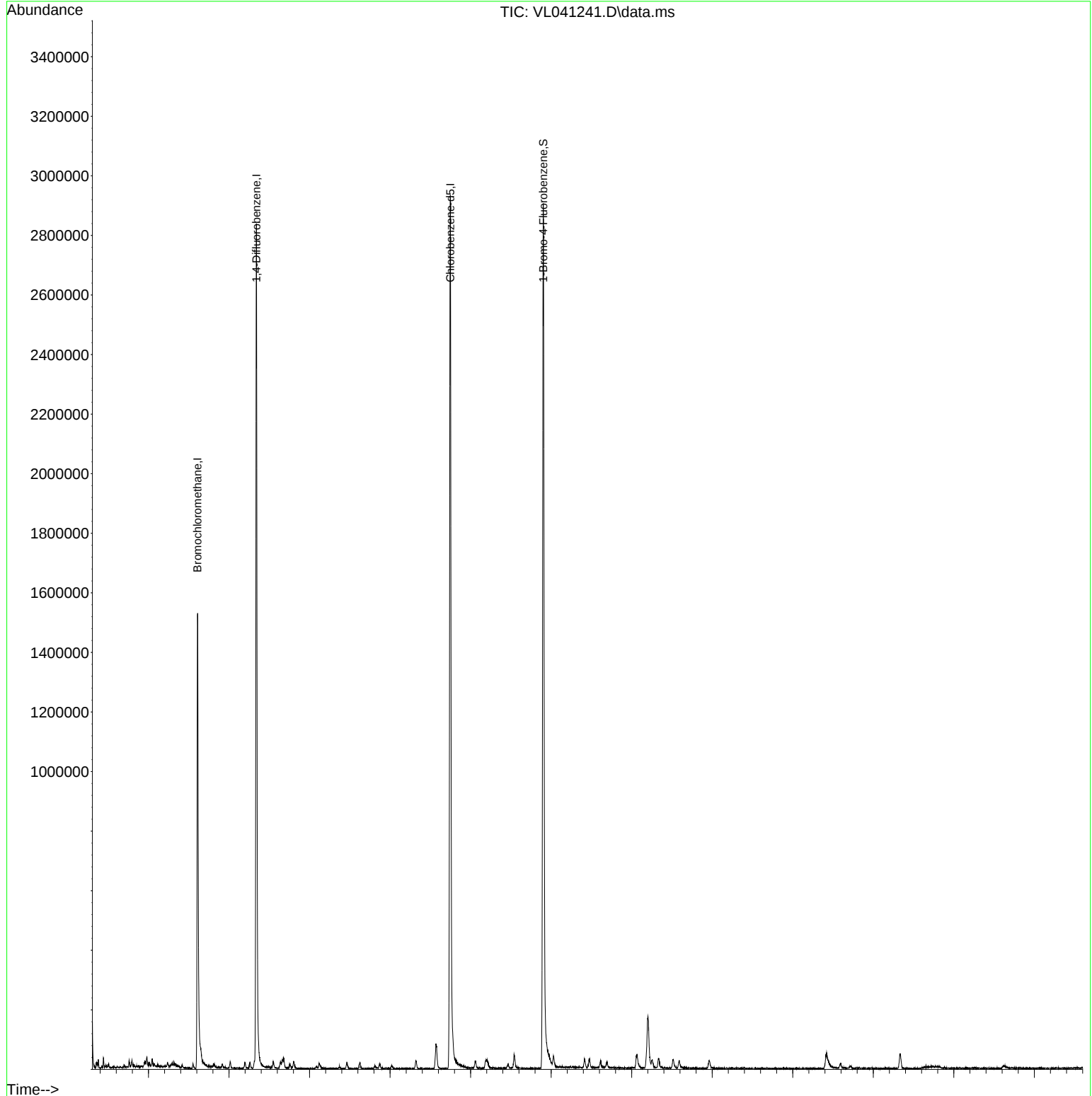
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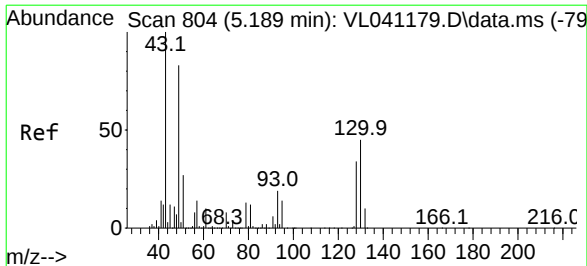
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

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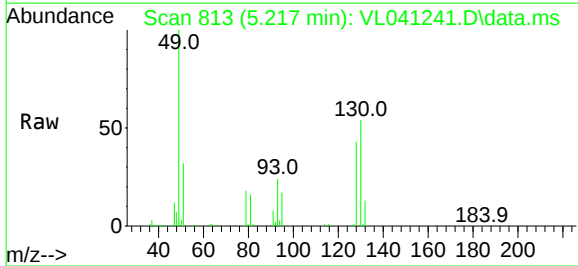
Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

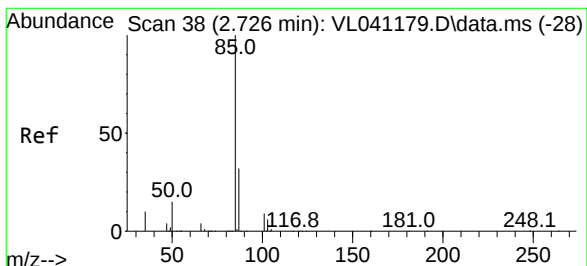
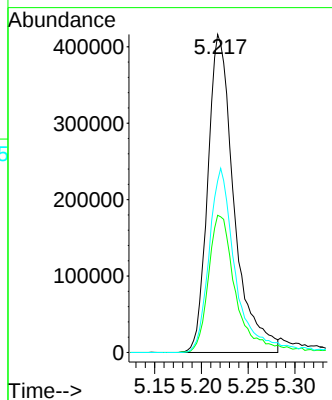
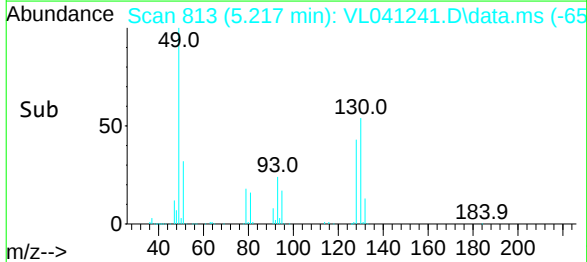
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 49 Resp: 812942
Ion Ratio Lower Upper
49 100
128 45.4 21.5 64.5
130 60.5 27.2 81.6

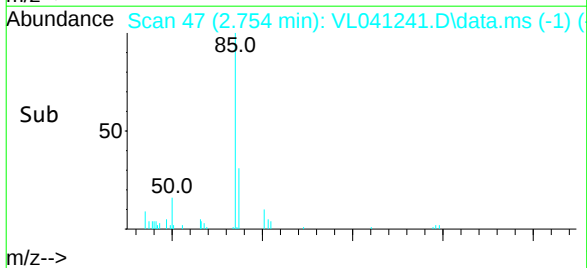
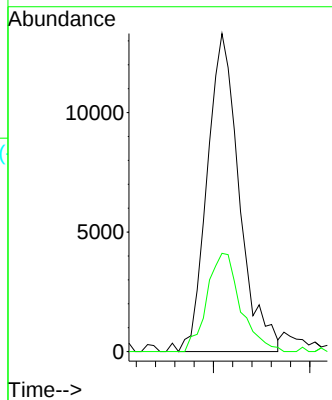
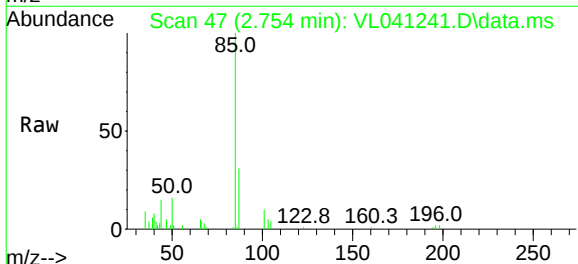
Manual Integrations
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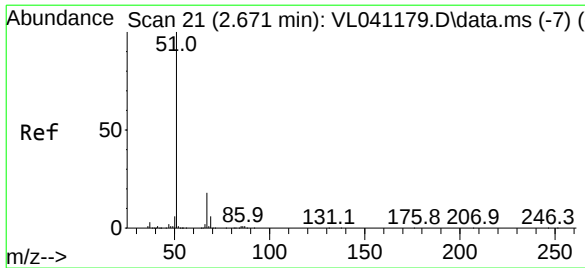
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 0.140 ppbv
RT: 2.754 min Scan# 47
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

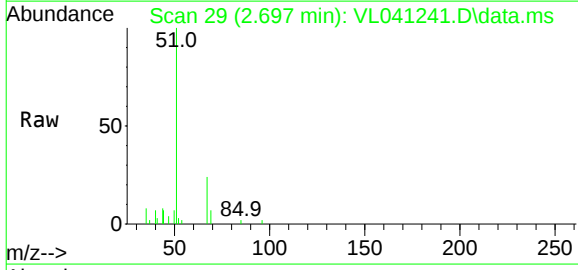
Tgt Ion: 85 Resp: 15353
Ion Ratio Lower Upper
85 100
87 30.9 25.7 38.5





#3
Chlorodifluoromethane
Concen: 0.123 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

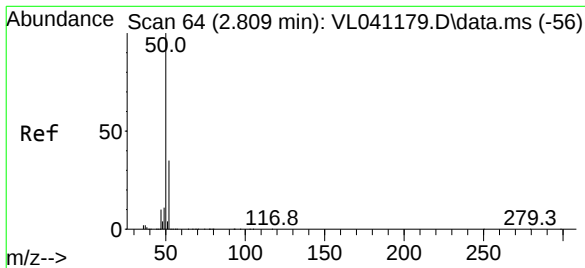
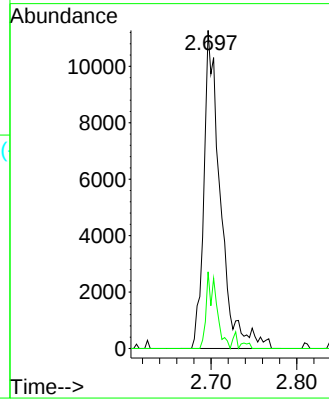
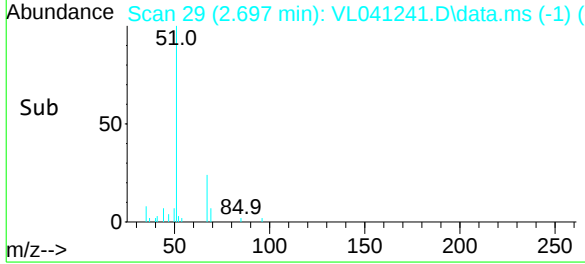
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



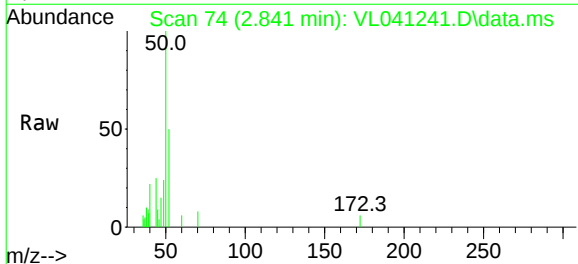
Tgt Ion: 51 Resp: 15149
Ion Ratio Lower Upper
51 100
67 15.8 14.0 21.0

Manual Integrations
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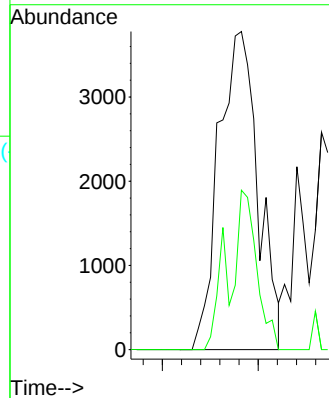
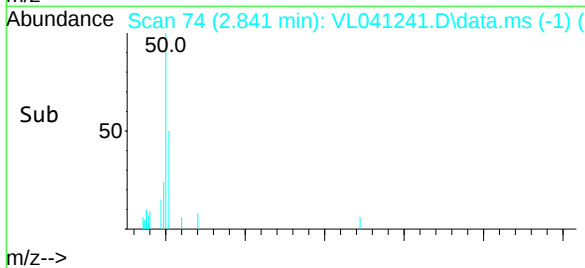
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

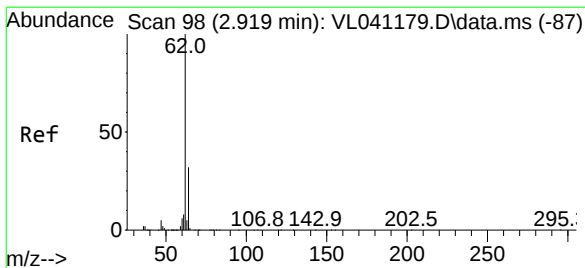


#4
Chloromethane
Concen: 0.111 ppbv m
RT: 2.841 min Scan# 74
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13



Tgt Ion: 50 Resp: 5374
Ion Ratio Lower Upper
50 100
52 50.1 28.3 42.5#





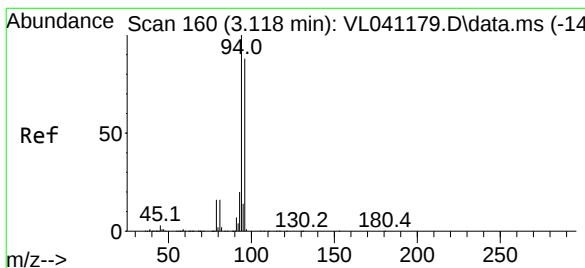
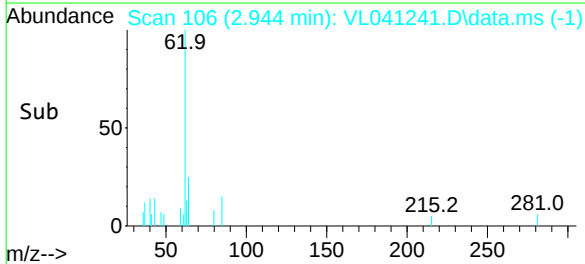
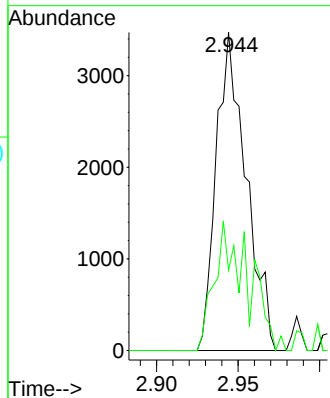
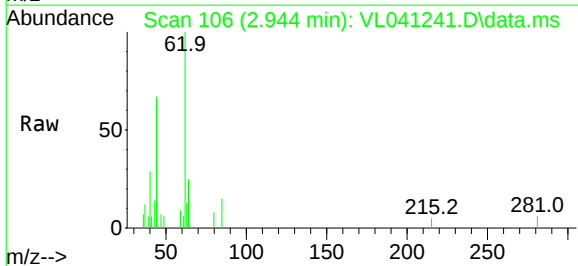
#5
 Vinyl Chloride
 Concen: 0.091 ppbv m
 RT: 2.944 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: VL041241.D
 Acq: 8 May 2024 13:13

Instrument : MSVOA_L
 ClientSampleId : LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 62 Resp: 4420
 Ion Ratio Lower Upper
 62 100
 64 25.3 25.7 38.5#

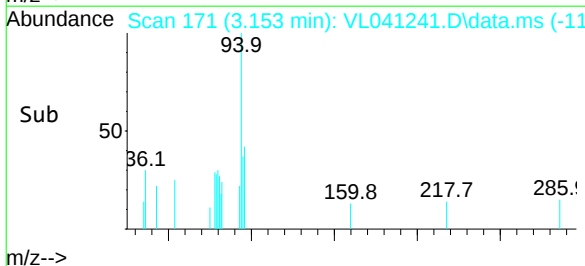
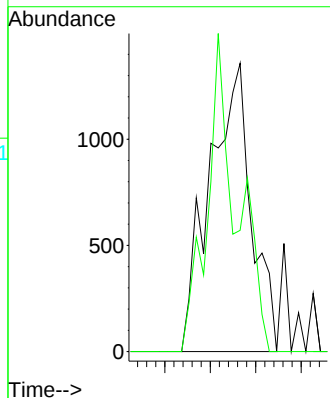
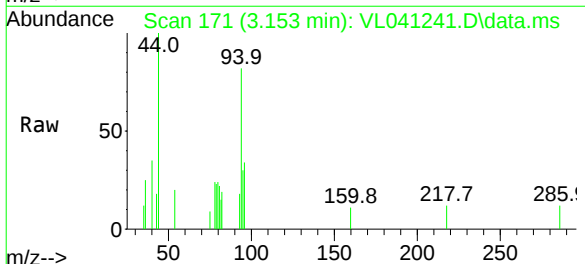
Manual Integrations
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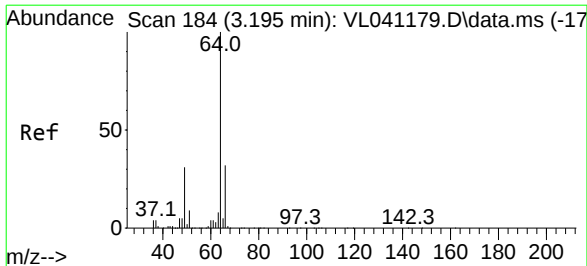
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#6
 Bromomethane
 Concen: 0.098 ppbv m
 RT: 3.153 min Scan# 171
 Delta R.T. 0.016 min
 Lab File: VL041241.D
 Acq: 8 May 2024 13:13

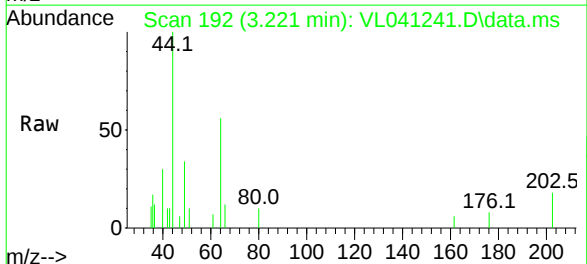
Tgt Ion: 94 Resp: 1732
 Ion Ratio Lower Upper
 94 100
 96 42.0 70.1 105.1#





#7
Chloroethane
Concen: 0.100 ppbv m
RT: 3.221 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

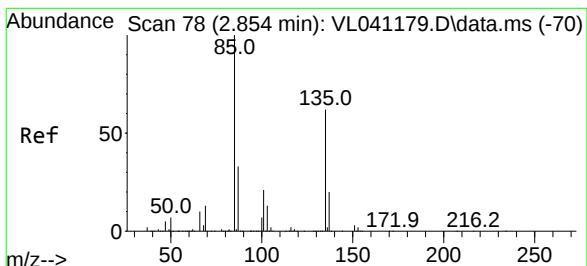
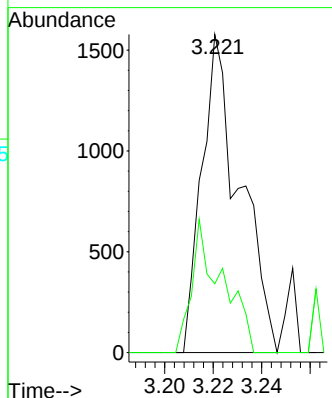
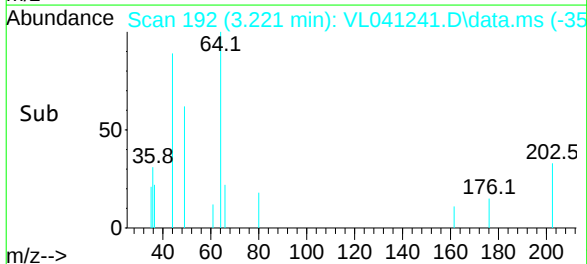
Instrument : MSVOA_L
ClientSampleId :
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Tgt Ion: 64 Resp: 1722
Ion Ratio Lower Upper
64 100
66 21.6 25.4 38.2

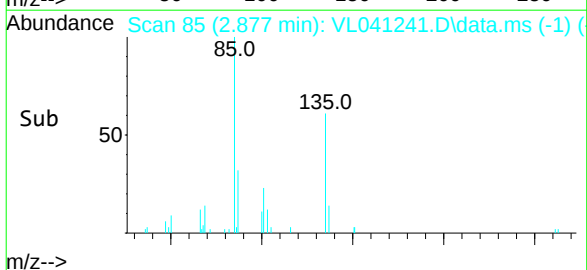
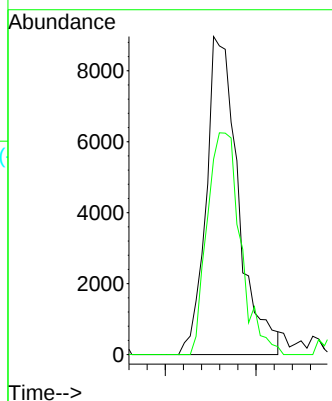
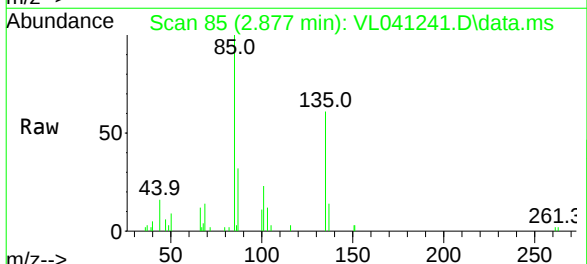
Manual Integrations
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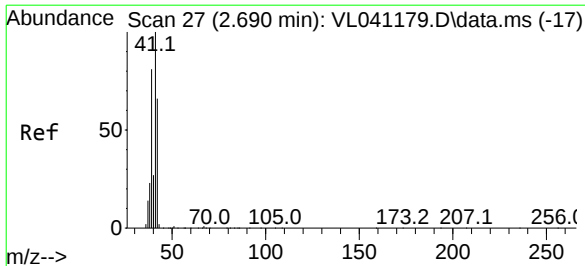
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#8
Dichlorotetrafluoroethane
Concen: 0.097 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.003 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion: 85 Resp: 11056
Ion Ratio Lower Upper
85 100
135 72.2 51.5 77.3





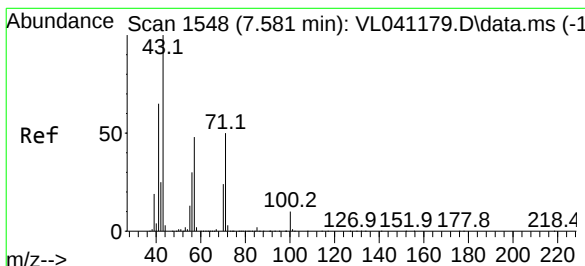
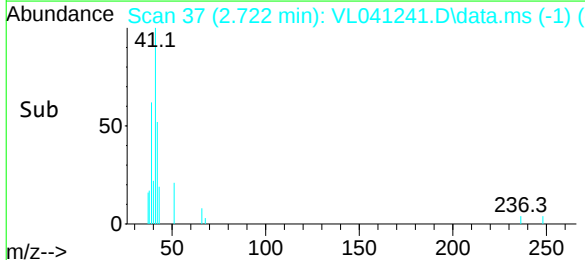
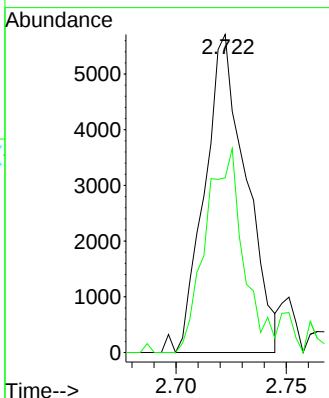
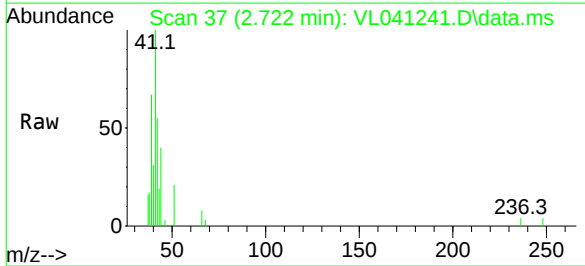
#9
Propene
Concen: 0.154 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.013 min
Lab File: VL041241.D
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Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 41 Resp: 7418
Ion Ratio Lower Upper
41 100
42 67.8 55.3 82.9

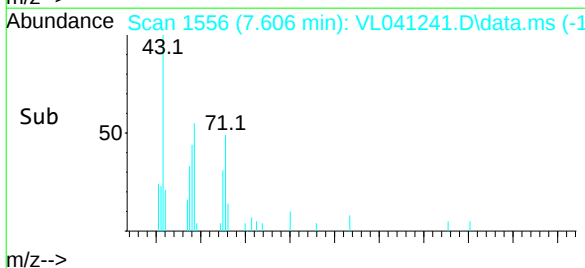
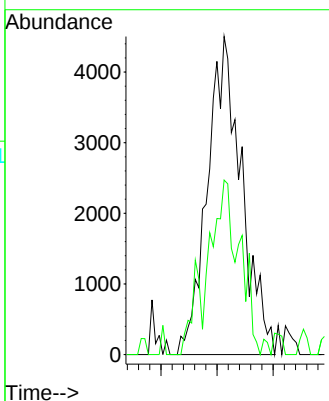
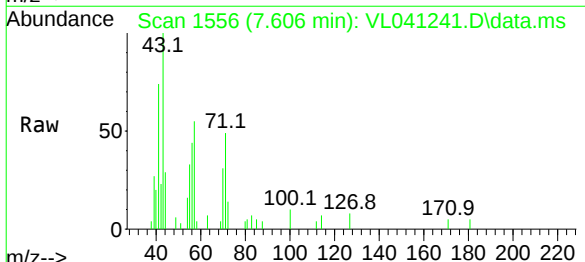
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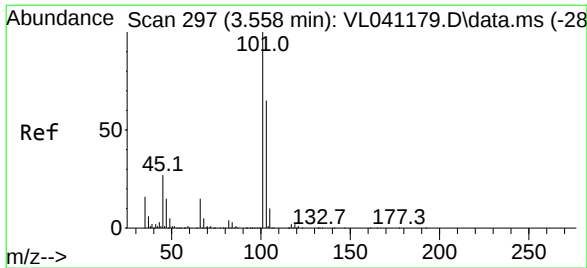
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#10
Heptane
Concen: 0.081 ppbv m
RT: 7.606 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

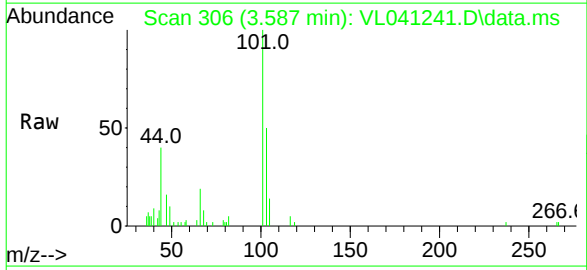
Tgt Ion: 43 Resp: 9506
Ion Ratio Lower Upper
43 100
57 54.9 38.7 58.1





#11
Trichlorofluoromethane
Concen: 0.100 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

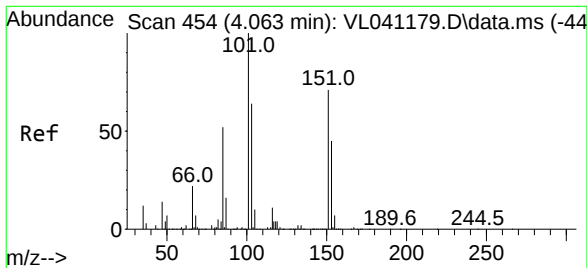
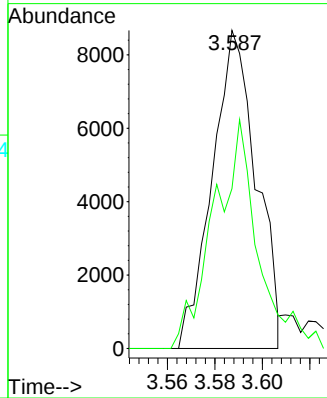
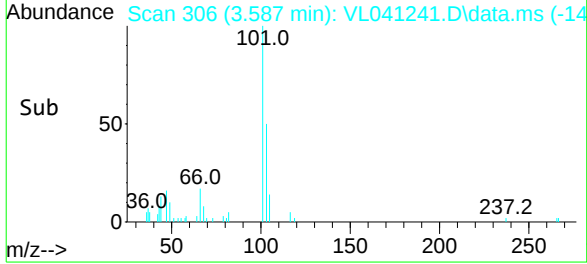
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:101 Resp: 11216
Ion Ratio Lower Upper
101 100
103 45.6 51.6 77.4#

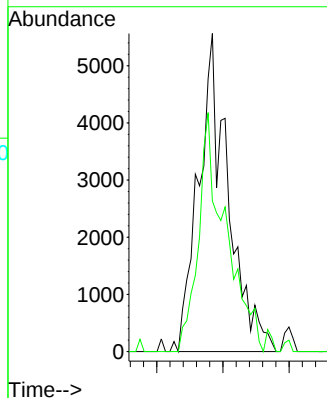
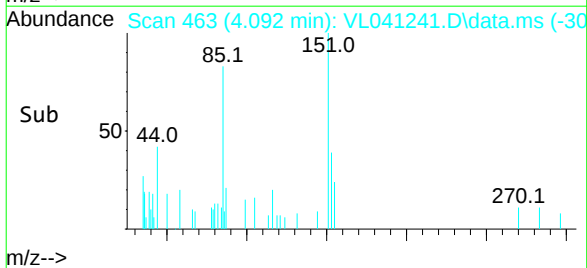
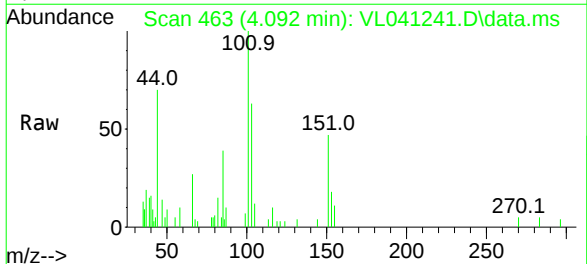
Manual Integrations
APPROVED

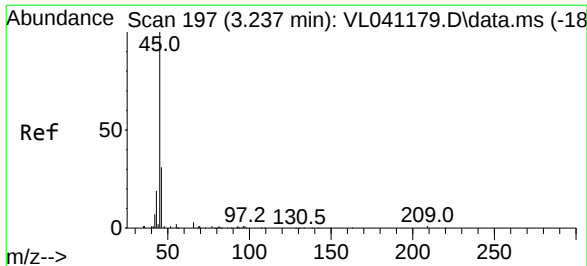
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.104 ppbv m
RT: 4.092 min Scan# 463
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion:101 Resp: 8620
Ion Ratio Lower Upper
101 100
151 71.3 56.8 85.2





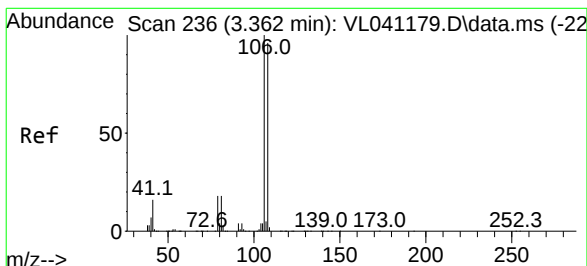
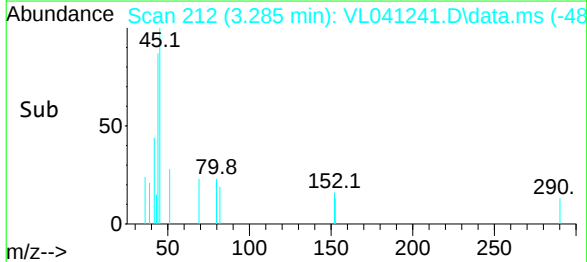
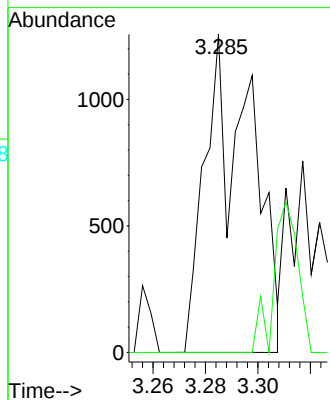
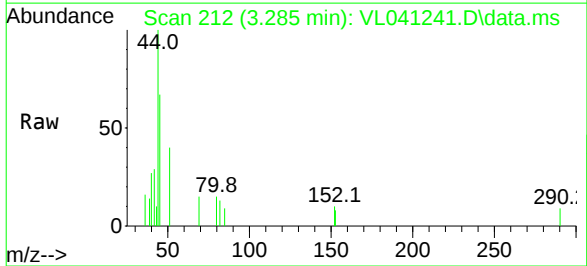
#13
Ethanol
Concen: 0.140 ppbv m
RT: 3.285 min Scan# 211
Delta R.T. 0.029 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 45 Resp: 1520
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0#

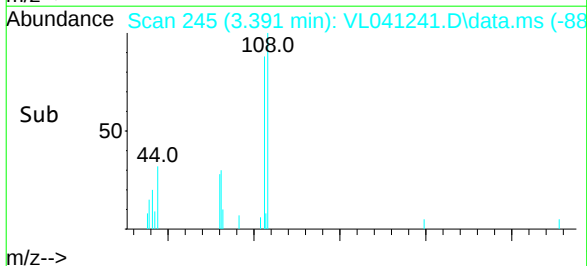
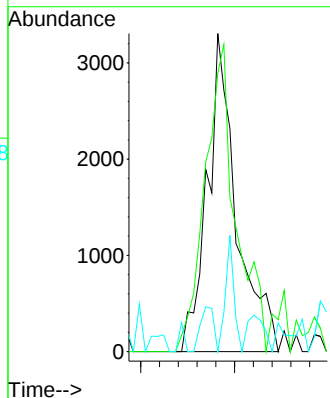
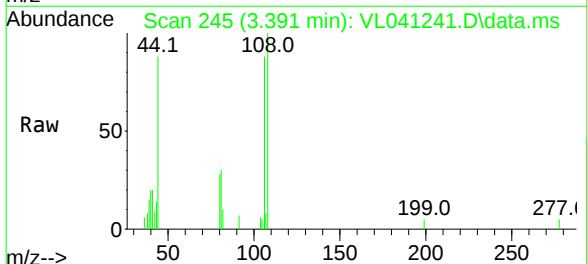
Manual Integrations
APPROVED

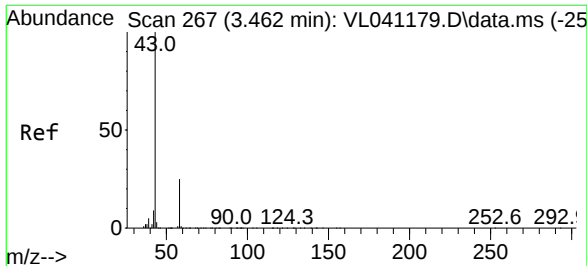
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#14
Bromoethene
Concen: 0.105 ppbv m
RT: 3.391 min Scan# 245
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion:108 Resp: 3573
Ion Ratio Lower Upper
108 100
106 116.2 88.2 132.4
79 10.7 17.4 26.0#





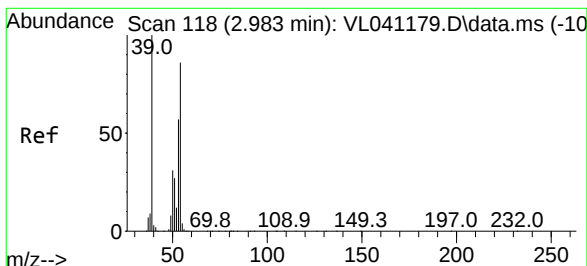
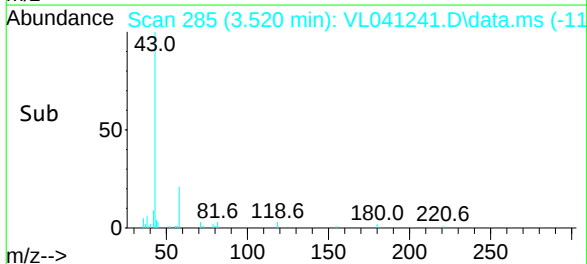
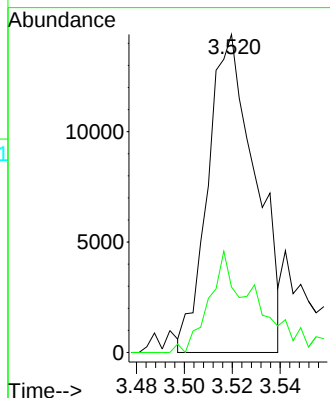
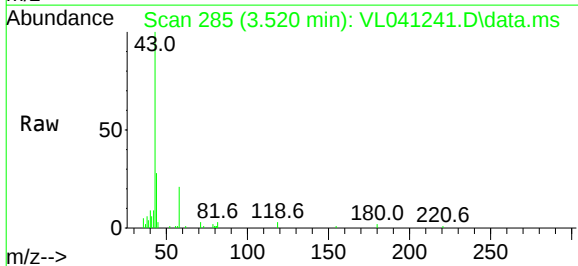
#15
Acetone
Concen: 0.206 ppbv m
RT: 3.520 min Scan# 28
Delta R.T. 0.035 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 43 Resp: 19789
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.0#

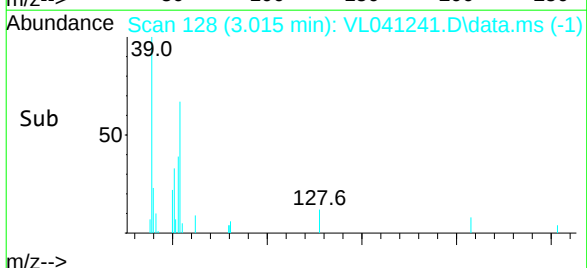
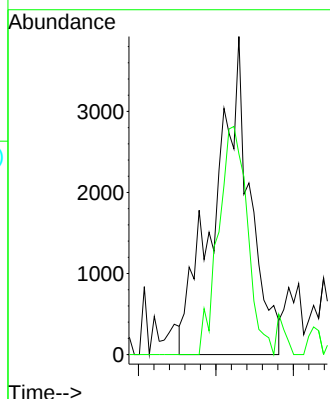
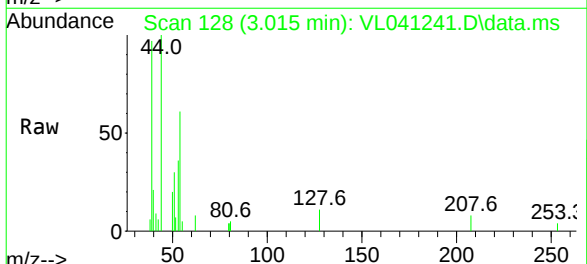
Manual Integrations
APPROVED

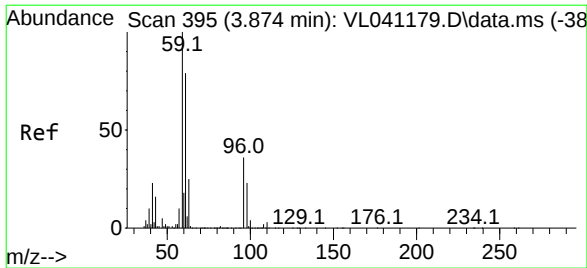
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#16
1,3-Butadiene
Concen: 0.127 ppbv m
RT: 3.015 min Scan# 128
Delta R.T. 0.013 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion: 39 Resp: 6167
Ion Ratio Lower Upper
39 100
54 0.0 62.2 93.4#





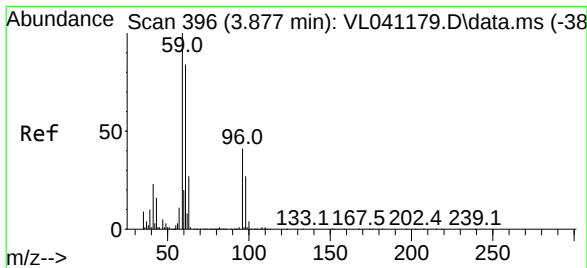
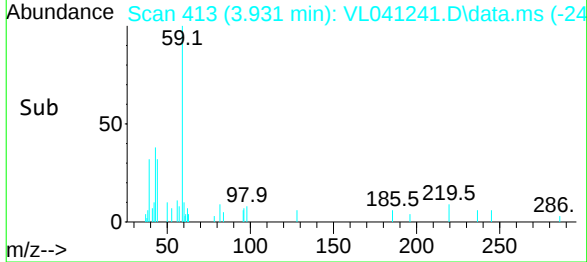
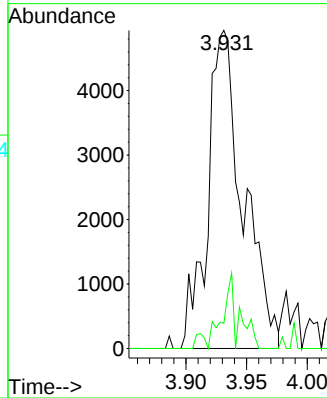
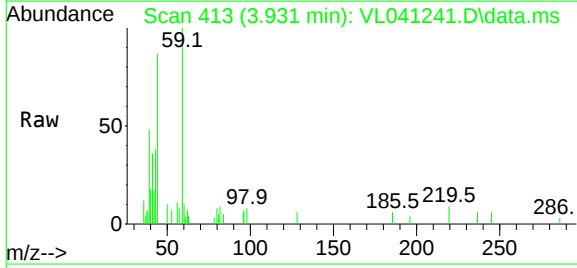
#17
tert-Butyl alcohol
Concen: 0.097 ppbv m
RT: 3.931 min Scan# 41
Delta R.T. 0.035 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 59 Resp: 10042
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

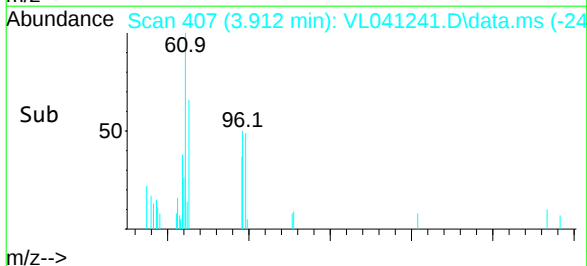
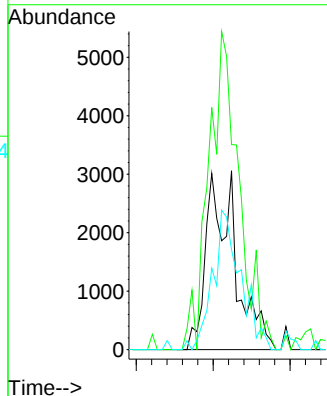
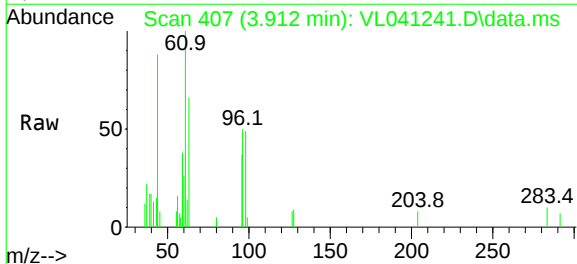
Manual Integrations
APPROVED

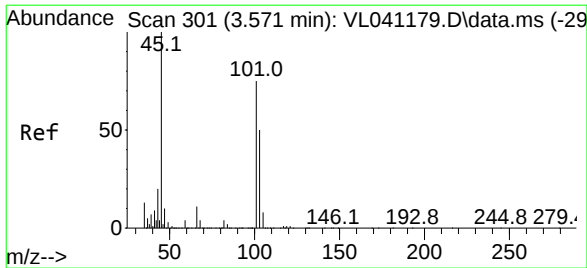
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#18
1,1-Dichloroethene
Concen: 0.107 ppbv m
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

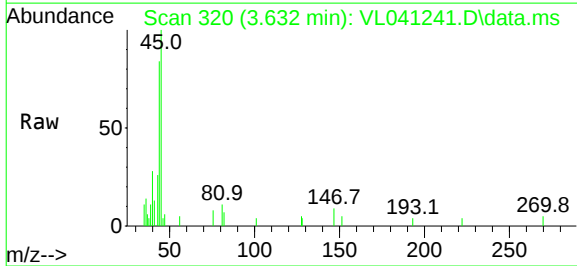
Tgt Ion: 96 Resp: 3949
Ion Ratio Lower Upper
96 100
61 199.1 164.4 246.6
98 97.0 51.8 77.8#





#19
Isopropyl Alcohol
Concen: 0.102 ppbv m
RT: 3.632 min Scan# 321
Delta R.T. 0.042 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

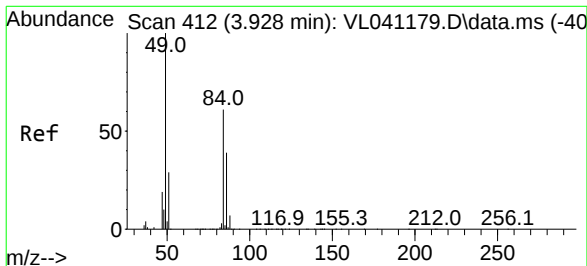
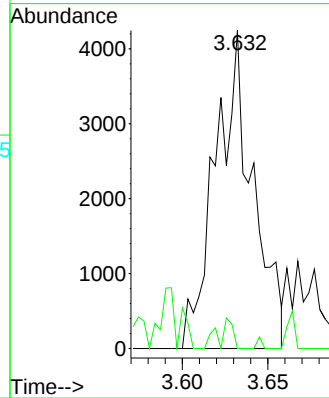
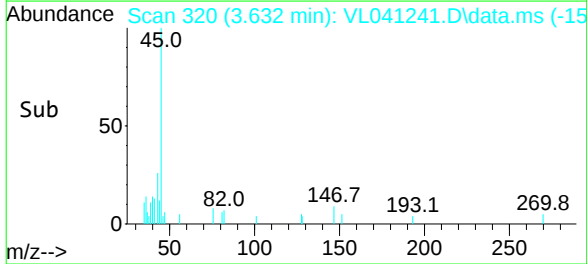
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



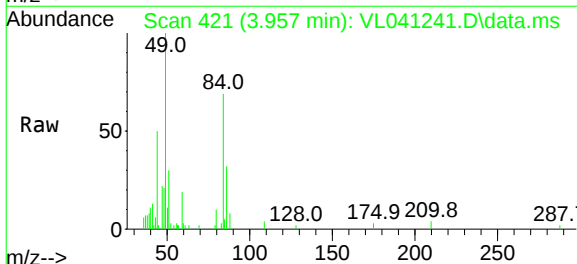
Tgt Ion: 45 Resp: 6452
Ion Ratio Lower Upper
45 100
58 0.0 26.8 40.2#

Manual Integrations
APPROVED

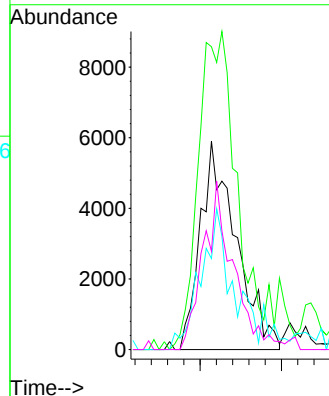
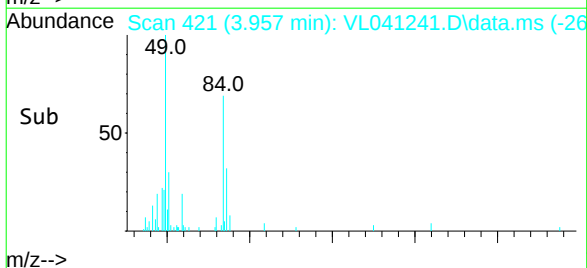
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

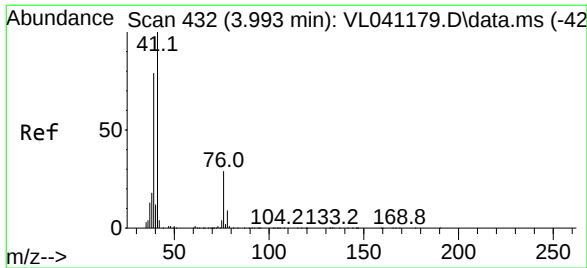


#20
Methylene Chloride
Concen: 0.269 ppbv m
RT: 3.957 min Scan# 421
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13



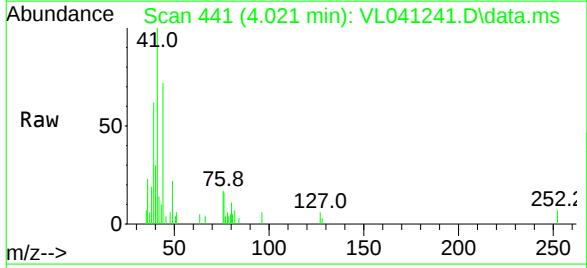
Tgt Ion: 84 Resp: 8989
Ion Ratio Lower Upper
84 100
49 145.4 130.4 195.6
51 43.7 38.0 57.0
86 47.2 50.3 75.5#





#21
 Allyl Chloride
 Concen: 0.100 ppbv m
 RT: 4.021 min Scan# 441
 Delta R.T. 0.006 min
 Lab File: VL041241.D
 Acq: 8 May 2024 13:13

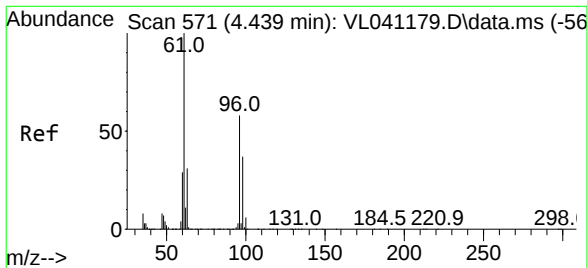
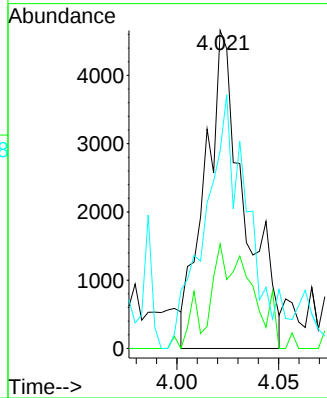
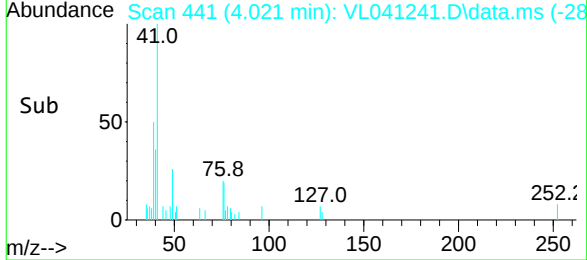
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 41	Resp: 6229
Ion Ratio	Lower Upper
41 100	
76 36.6	23.7 35.5
39 96.1	64.7 97.1

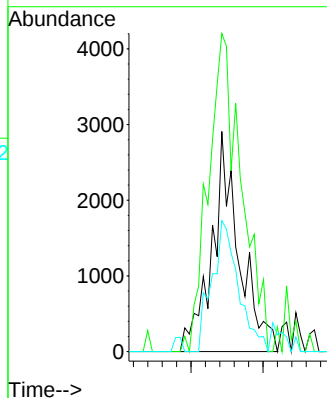
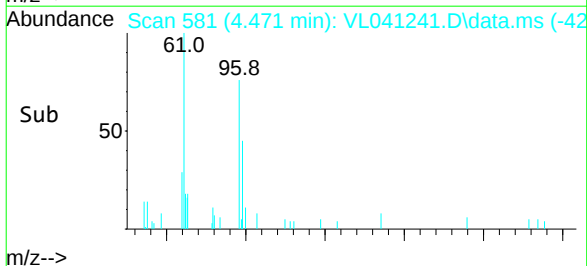
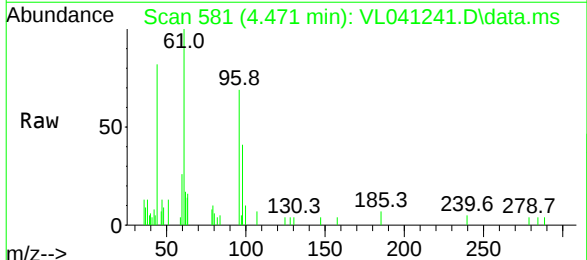
Manual Integrations
 APPROVED

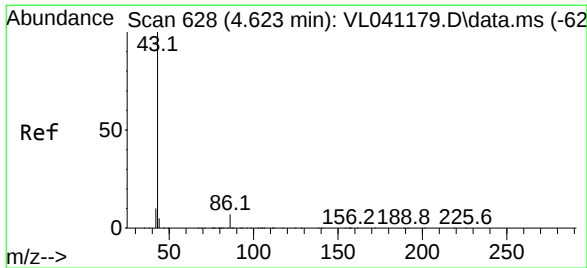
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.099 ppbv m
 RT: 4.471 min Scan# 581
 Delta R.T. 0.009 min
 Lab File: VL041241.D
 Acq: 8 May 2024 13:13

Tgt Ion: 96	Resp: 3782
Ion Ratio	Lower Upper
96 100	
61 144.5	137.6 206.4
98 59.5	50.6 76.0





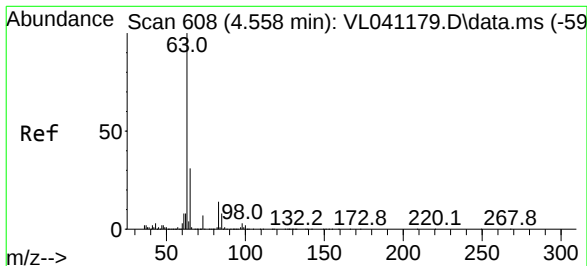
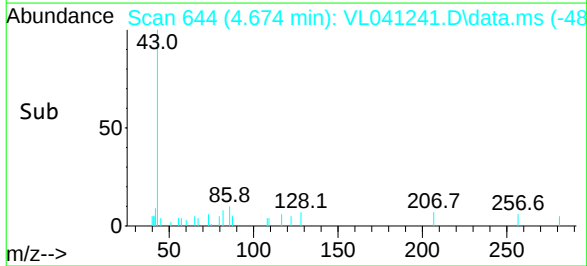
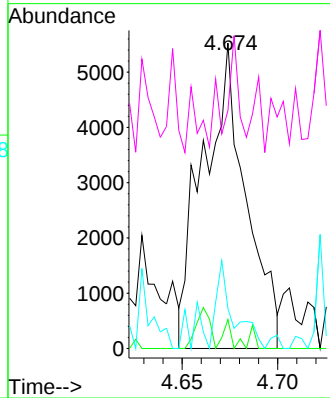
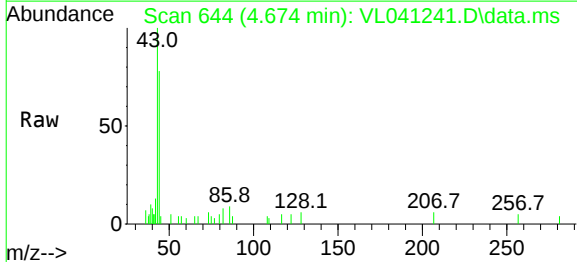
#23
Vinyl Acetate
Concen: 0.081 ppbv m
RT: 4.674 min Scan# 644
Delta R.T. 0.029 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt	Ion: 43	Resp: 8561
Ion	Ratio	Lower Upper
43	100	
86	9.5	4.9 7.3#
42	13.0	8.0 12.0#
44	78.0	3.7 5.5#

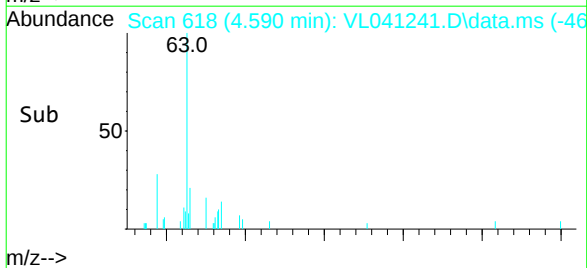
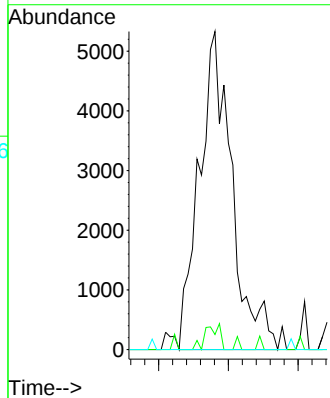
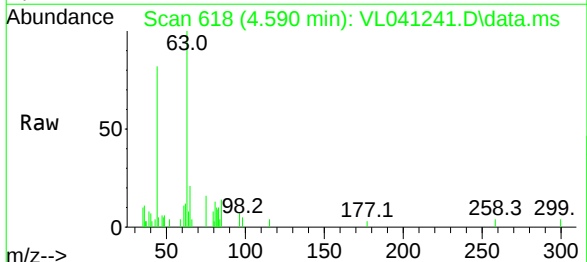
Manual Integrations
APPROVED

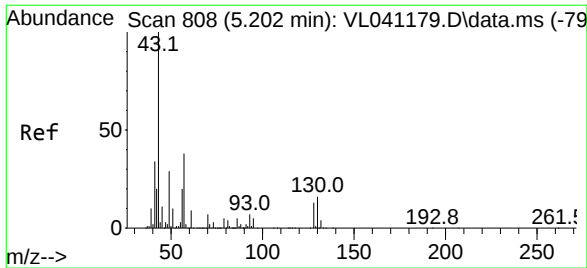
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#24
1,1-Dichloroethane
Concen: 0.105 ppbv m
RT: 4.590 min Scan# 618
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

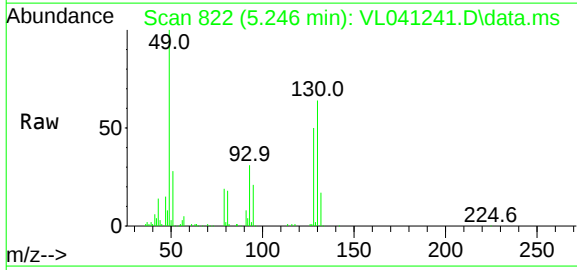
Tgt	Ion: 63	Resp: 8660
Ion	Ratio	Lower Upper
63	100	
98	4.7	1.6 4.8
100	0.0	1.1 3.5#





#25
Ethyl Acetate
Concen: 0.105 ppbv m
RT: 5.246 min Scan# 82
Delta R.T. 0.026 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

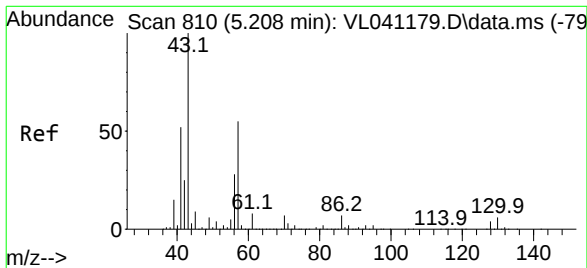
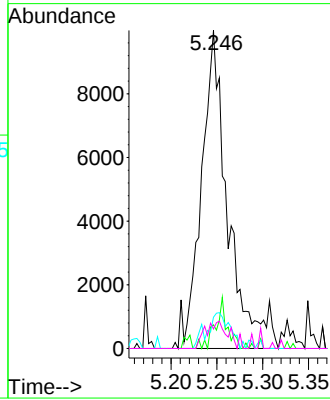
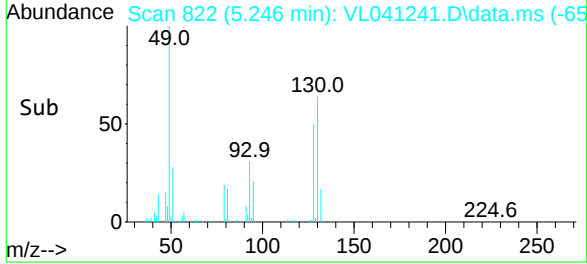
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.0	7.7	11.5#
70	0.0	5.8	8.6#

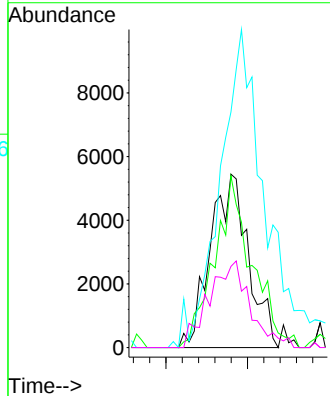
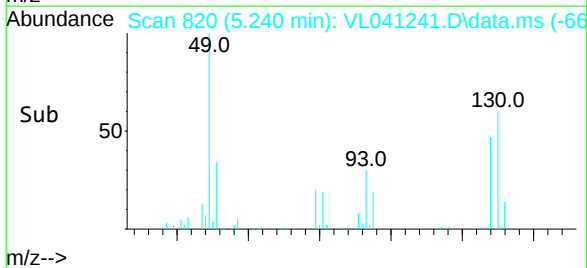
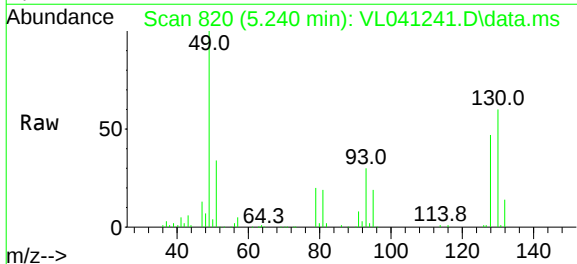
Manual Integrations
APPROVED

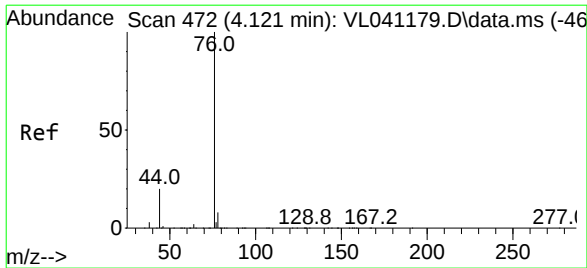
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#26
Hexane
Concen: 0.103 ppbv m
RT: 5.240 min Scan# 820
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

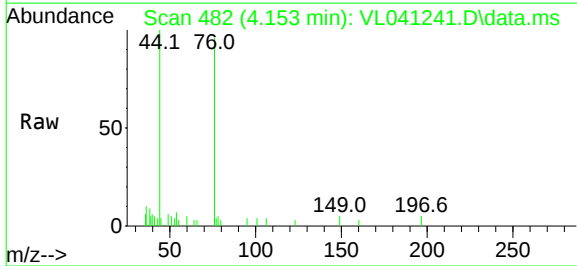
Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.8	113.8#
43	0.0	187.0	280.4#
56	0.0	42.7	64.1#





#27
Carbon Disulfide
Concen: 0.089 ppbv m
RT: 4.153 min Scan# 48
Delta R.T. 0.013 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

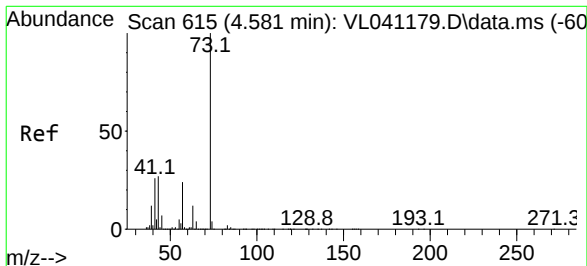
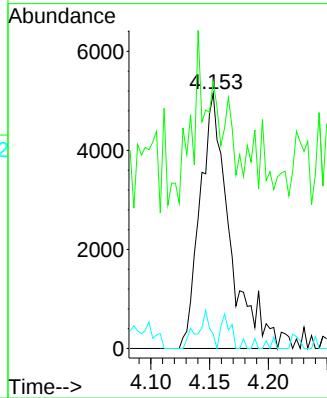
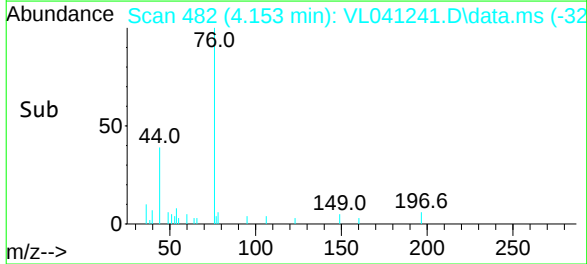
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 76 Resp: 9019
Ion Ratio Lower Upper
76 100
44 77.4 16.3 24.5#
78 11.2 7.3 10.9#

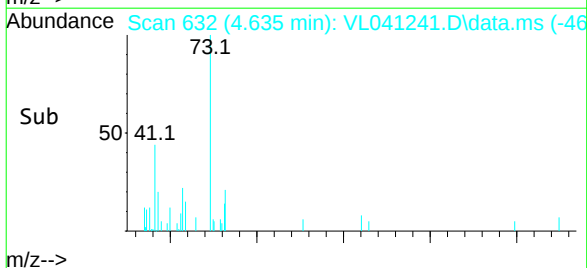
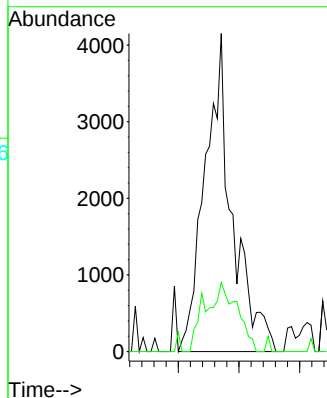
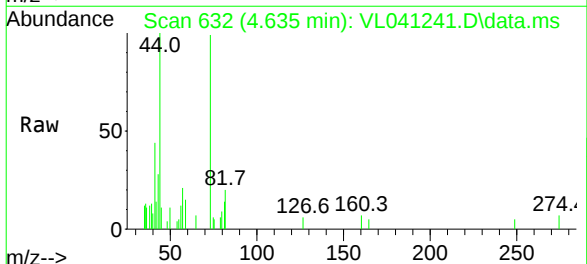
Manual Integrations
APPROVED

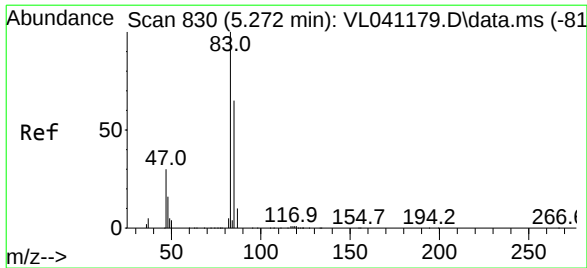
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#28
Methyl tert-Butyl Ether
Concen: 0.095 ppbv m
RT: 4.635 min Scan# 632
Delta R.T. 0.032 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion: 73 Resp: 6483
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.114 ppbv m

RT: 5.298 min Scan# 83

Delta R.T. 0.003 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 83 Resp: 13442

Ion Ratio Lower Upper

83 100

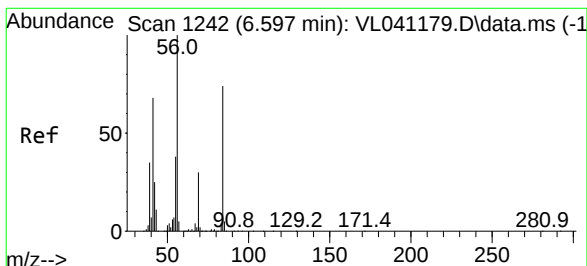
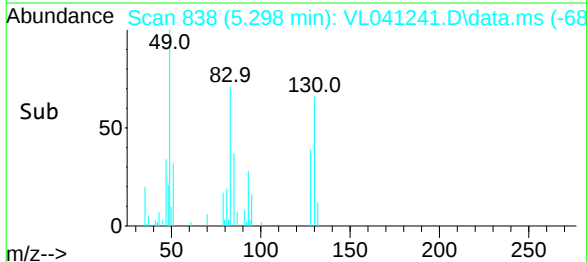
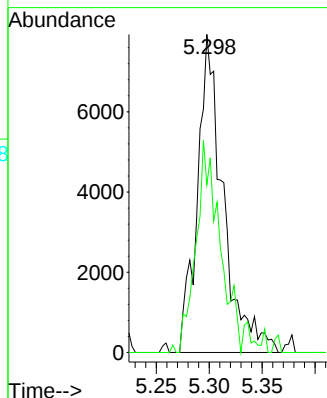
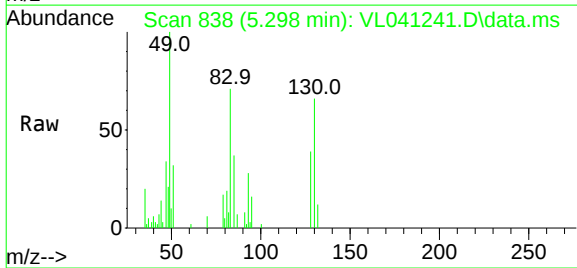
85 52.8 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#30

Cyclohexane

Concen: 0.104 ppbv m

RT: 6.632 min Scan# 1253

Delta R.T. 0.009 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

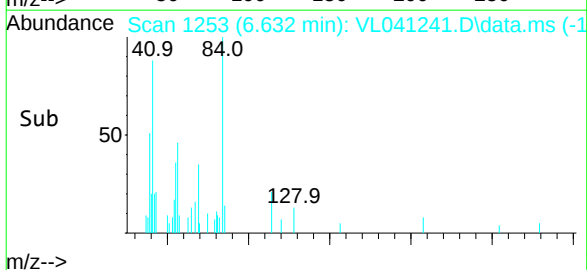
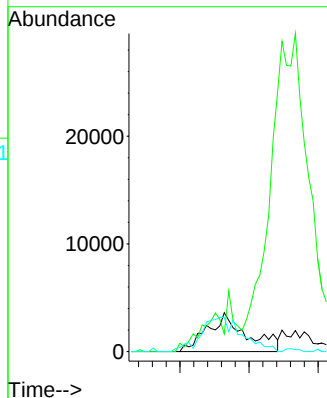
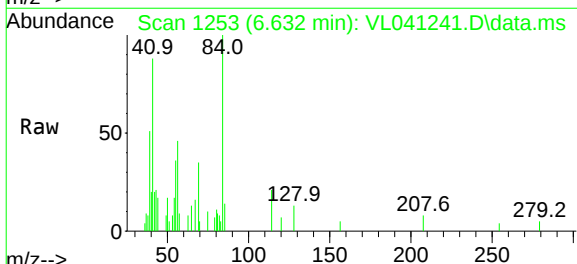
Tgt Ion: 84 Resp: 7061

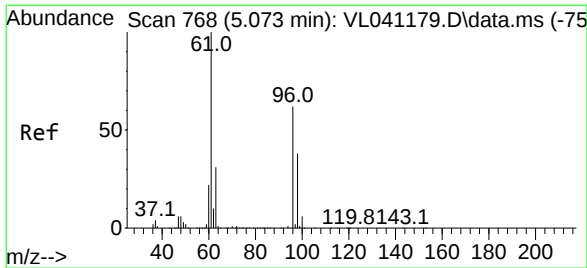
Ion Ratio Lower Upper

84 100

56 0.0 116.8 175.2#

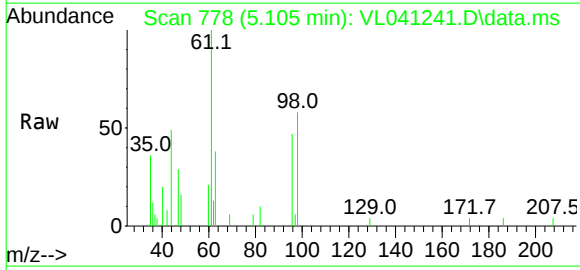
41 94.5 73.8 110.8





#31
cis-1,2-Dichloroethene
Concen: 0.088 ppbv m
RT: 5.105 min Scan# 77
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

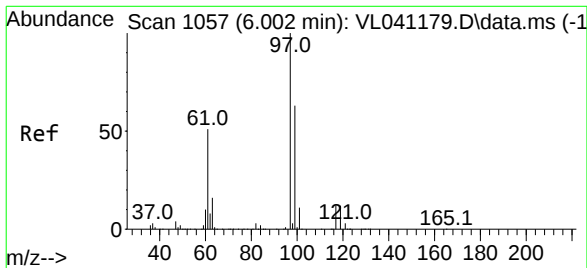
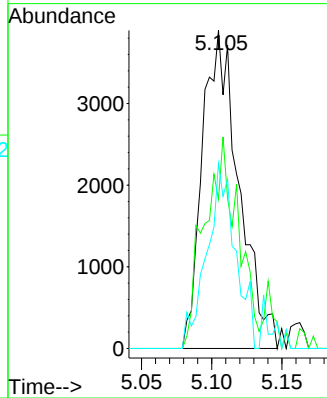
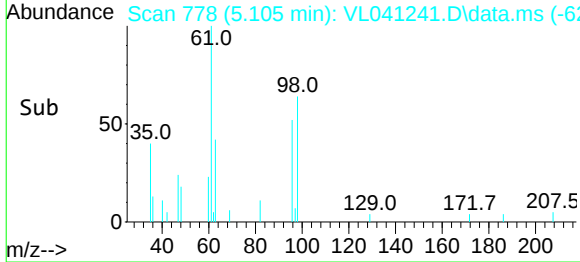
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 61 Resp: 7029
Ion Ratio Lower Upper
61 100
96 47.0 49.8 74.6#
98 58.2 30.0 45.0#

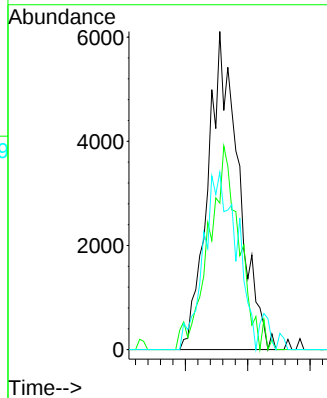
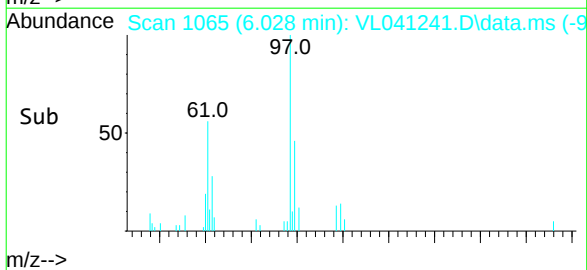
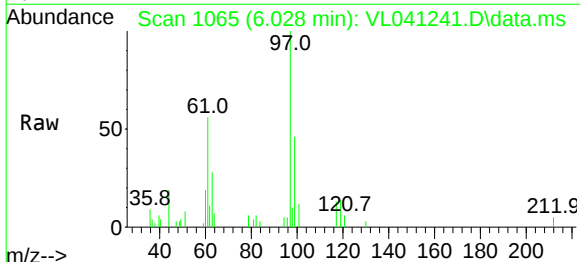
Manual Integrations
APPROVED

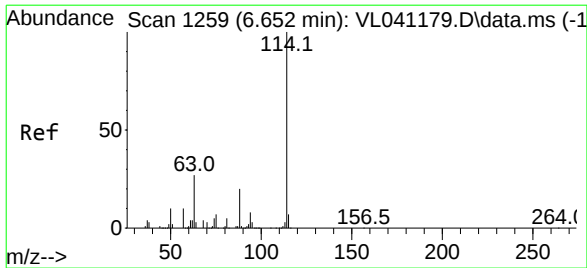
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#32
1,1,1-Trichloroethane
Concen: 0.089 ppbv m
RT: 6.028 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

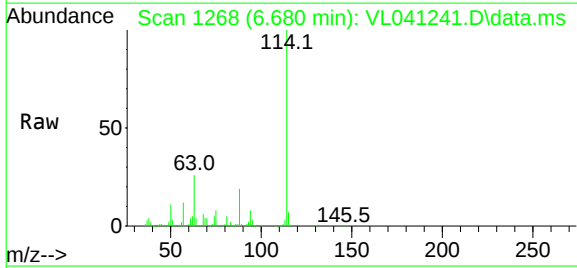
Tgt Ion: 97 Resp: 10490
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 64.7 41.1 61.7#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.680 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

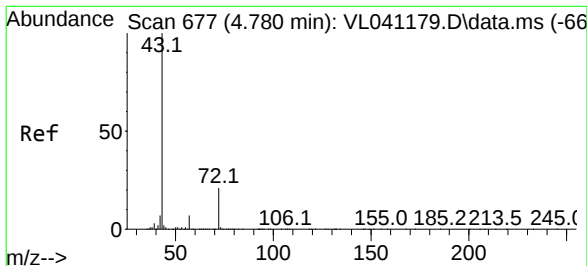
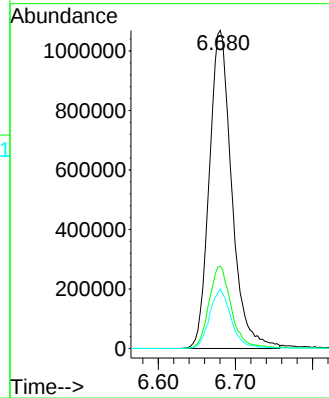
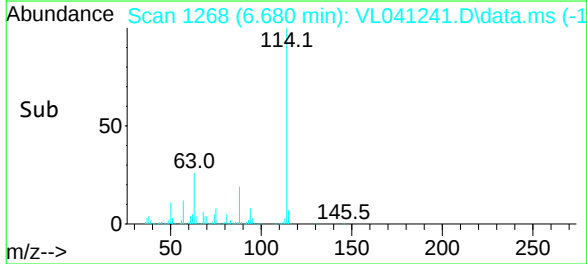
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 114 Resp: 2161532
Ion Ratio Lower Upper
114 100
63 26.2 21.8 32.6
88 18.2 15.2 22.8

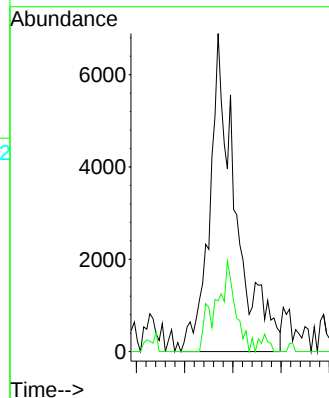
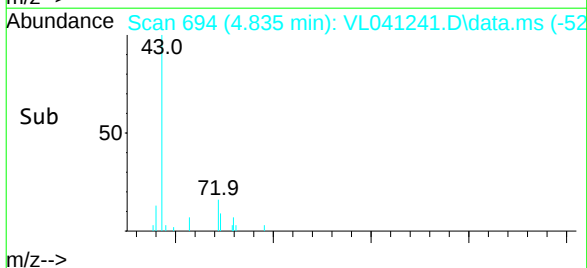
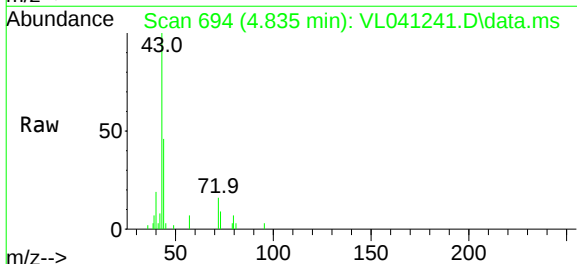
Manual Integrations
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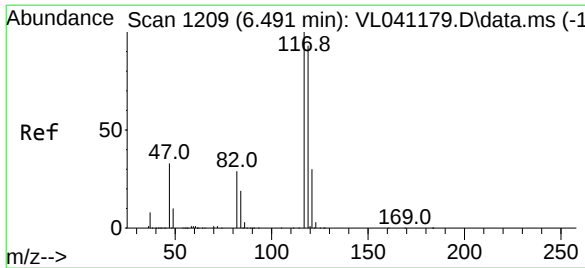
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#34
2-Butanone
Concen: 0.118 ppbv m
RT: 4.835 min Scan# 694
Delta R.T. 0.032 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion: 43 Resp: 12988
Ion Ratio Lower Upper
43 100
72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.082 ppbv m

RT: 6.516 min Scan# 12

Delta R.T. 0.003 min

Lab File: VL041241.D

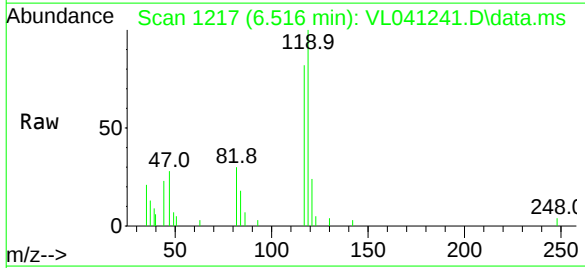
Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 117 Resp: 9908

Ion Ratio Lower Upper

117 100

119 122.1 74.3 111.5#

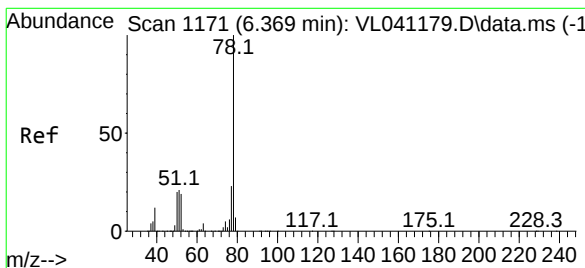
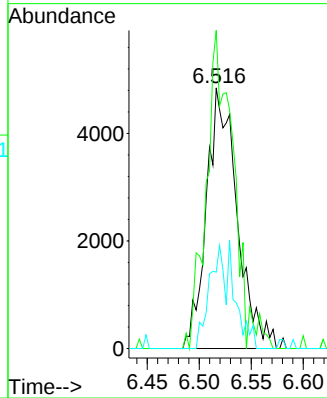
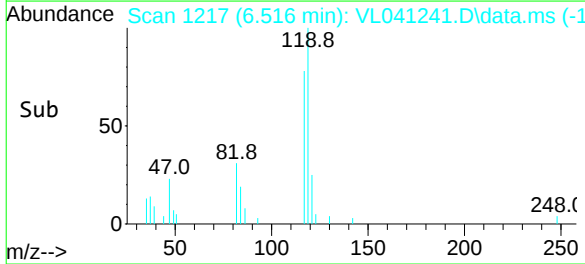
121 29.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#36

Benzene

Concen: 0.092 ppbv m

RT: 6.397 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

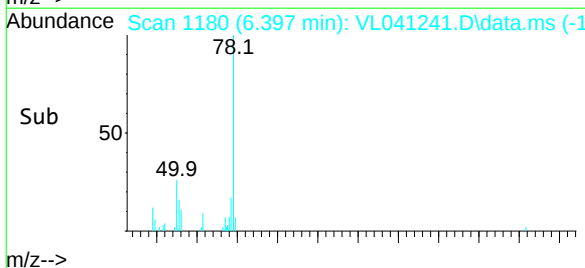
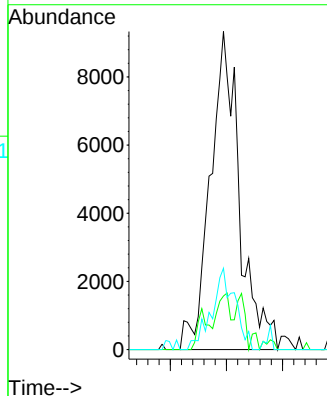
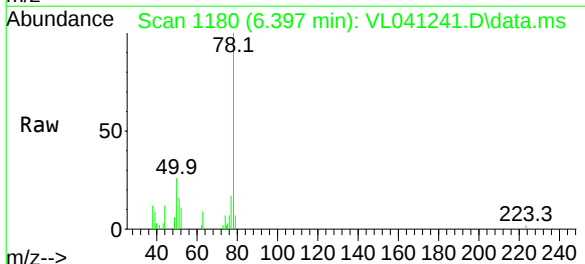
Tgt Ion: 78 Resp: 16773

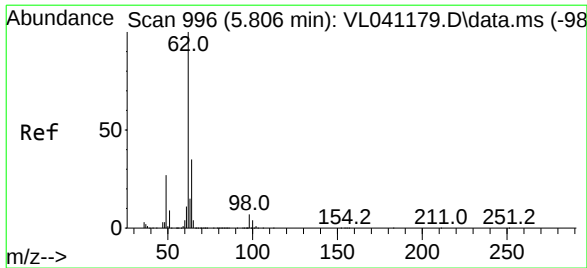
Ion Ratio Lower Upper

78 100

77 16.8 18.3 27.5#

50 25.6 15.9 23.9#





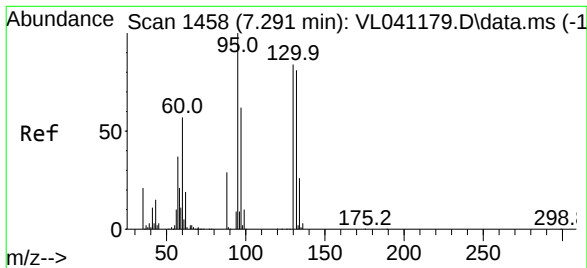
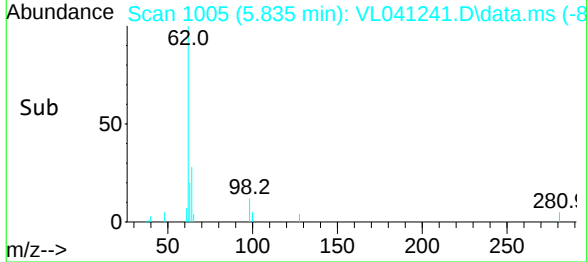
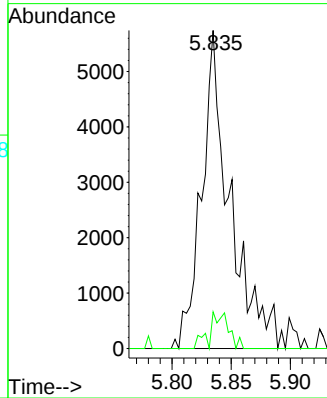
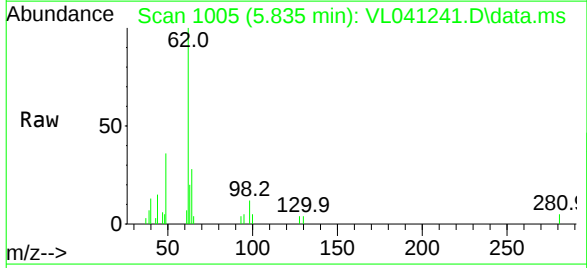
#37
1,2-Dichloroethane
Concen: 0.100 ppbv m
RT: 5.835 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 62 Resp: 9476
Ion Ratio Lower Upper
62 100
98 7.8 5.0 7.4#

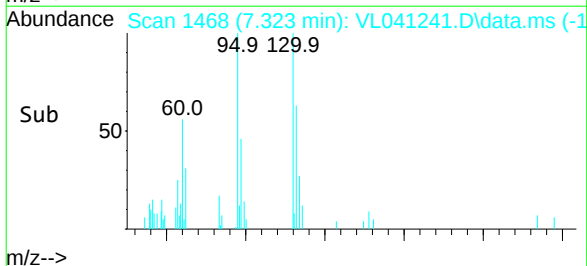
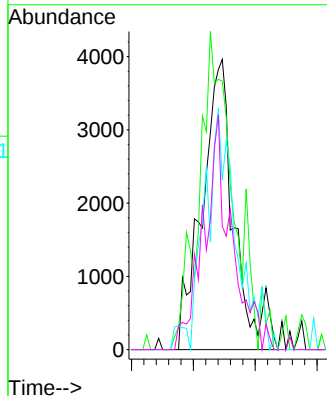
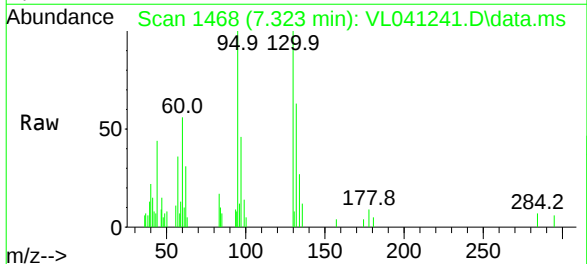
Manual Integrations
APPROVED

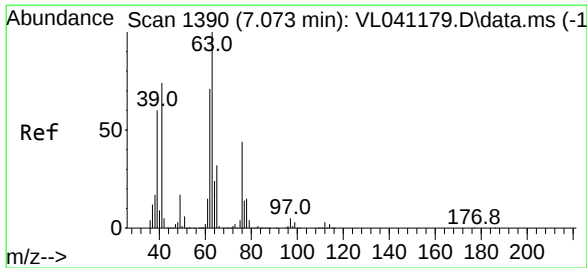
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#38
Trichloroethene
Concen: 0.106 ppbv m
RT: 7.323 min Scan# 1468
Delta R.T. 0.013 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

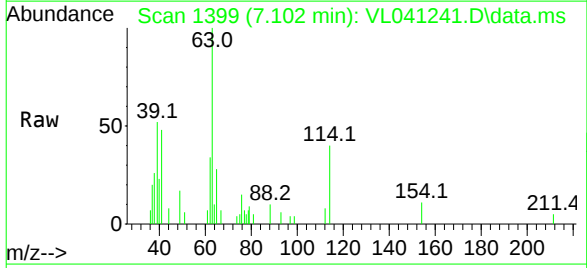
Tgt Ion:130 Resp: 7147
Ion Ratio Lower Upper
130 100
95 100.2 95.0 142.6
132 63.3 77.0 115.4#
97 46.0 59.1 88.7#





#39
1,2-Dichloropropane
Concen: 0.112 ppbv m
RT: 7.102 min Scan# 1390
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

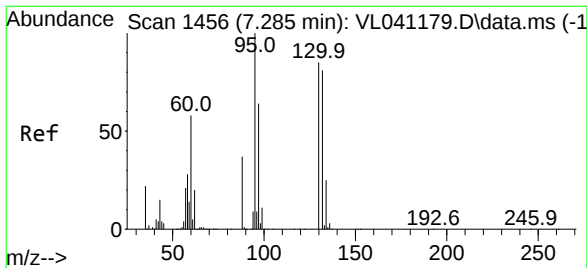
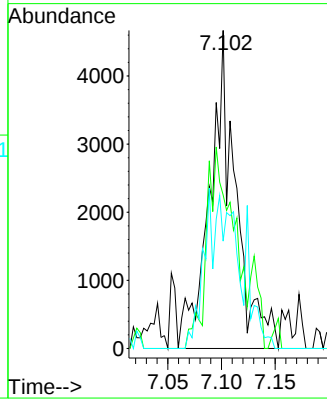
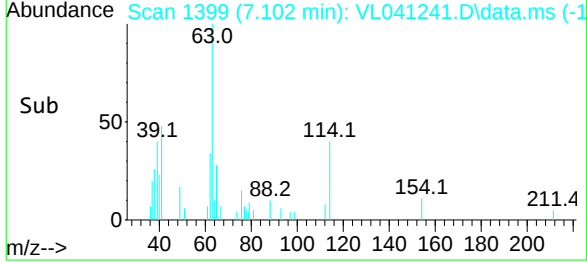
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



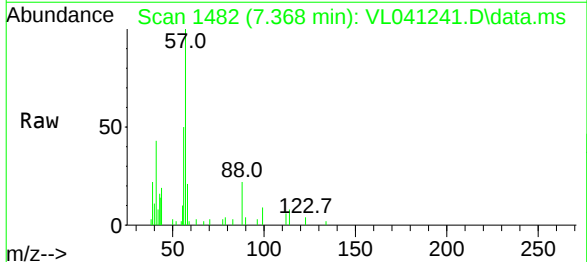
Tgt Ion: 63 Resp: 7840
Ion Ratio Lower Upper
63 100
41 48.3 59.4 89.0#
62 33.8 56.8 85.2#

Manual Integrations
APPROVED

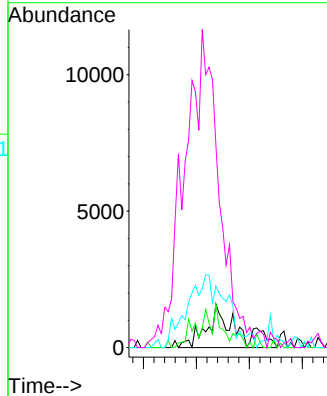
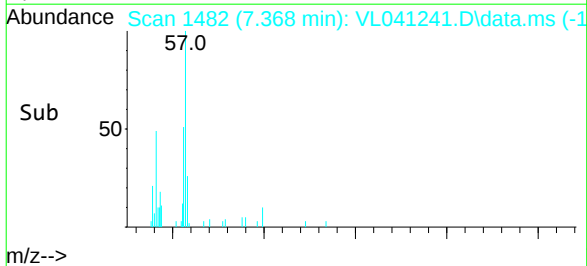
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

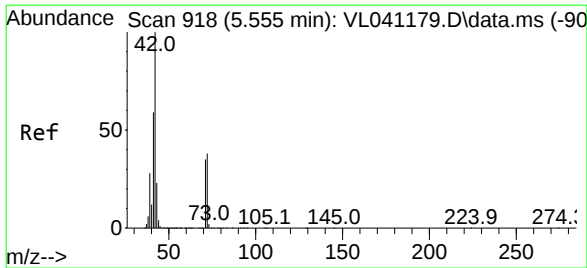


#40
1,4-Dioxane
Concen: 0.126 ppbv m
RT: 7.368 min Scan# 1482
Delta R.T. 0.067 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13



Tgt Ion: 88 Resp: 3141
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 219.8 329.6#
57 0.0 936.0 1404.0#





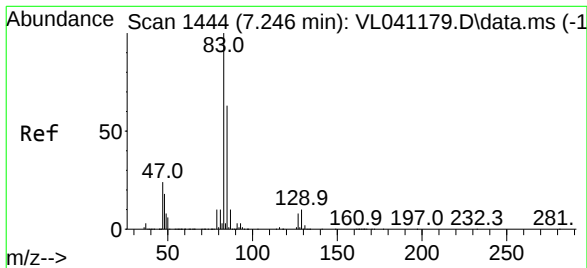
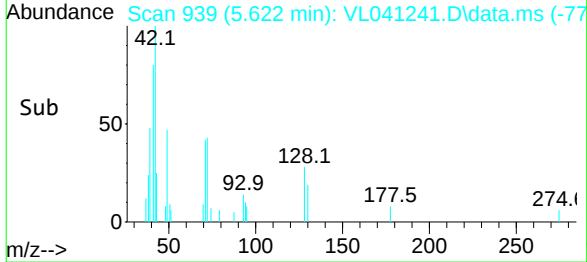
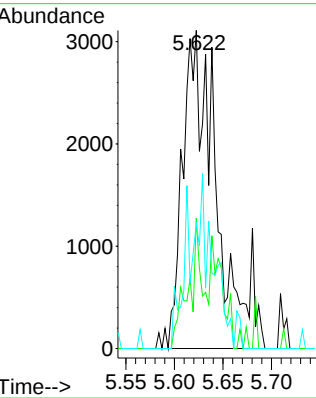
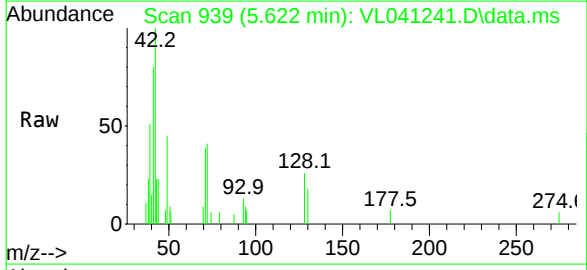
#41
Tetrahydrofuran
Concen: 0.094 ppbv m
RT: 5.622 min Scan# 93
Delta R.T. 0.045 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.4	44.0#
71	0.0	29.1	43.7#

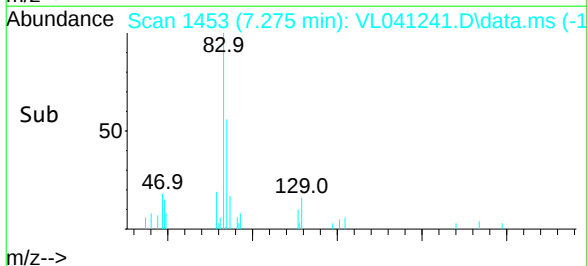
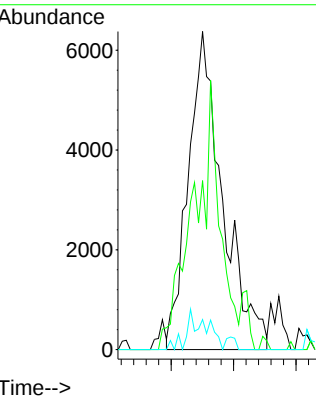
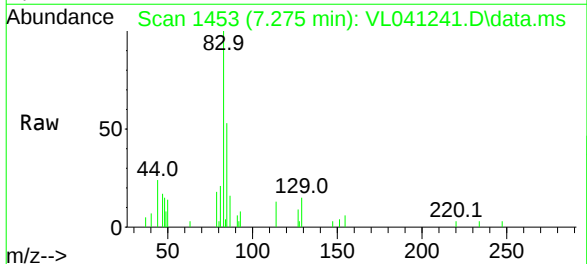
Manual Integrations
APPROVED

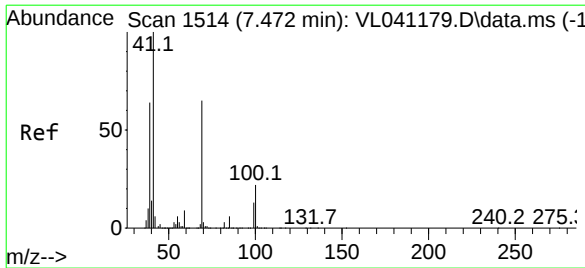
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#42
Bromodichloromethane
Concen: 0.090 ppbv m
RT: 7.275 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.1	50.6	75.8
127	9.4	6.2	9.4#





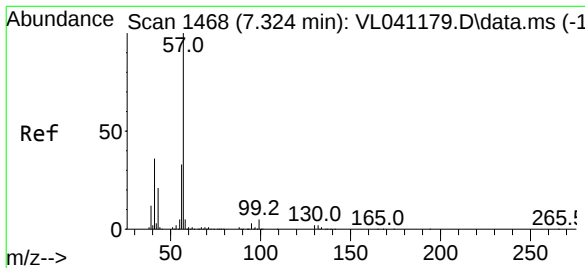
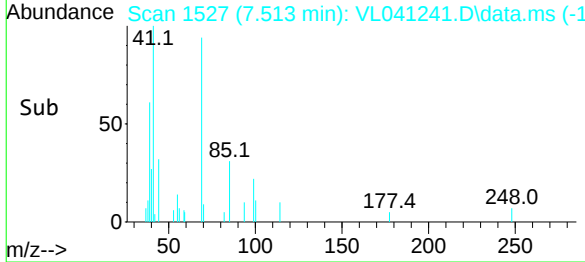
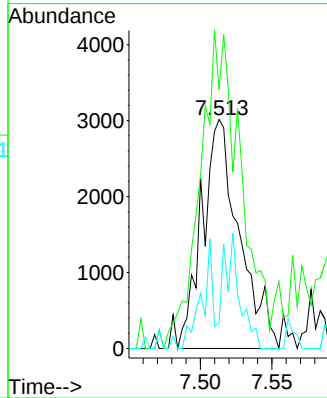
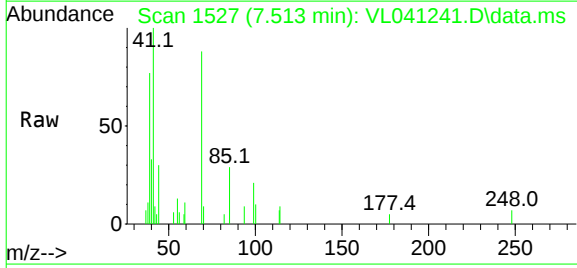
#43
Methyl Methacrylate
Concen: 0.074 ppbv m
RT: 7.513 min Scan# 1514
Delta R.T. 0.019 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 69 Resp: 5454
Ion Ratio Lower Upper
69 100
41 0.0 125.2 187.8#
100 0.0 26.7 40.1#

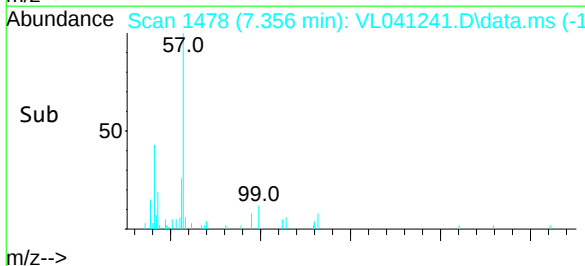
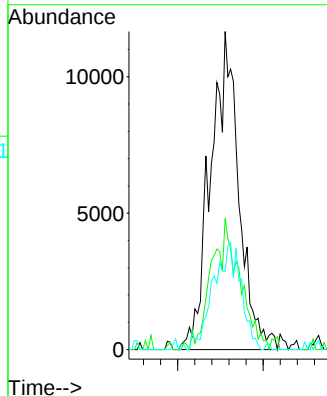
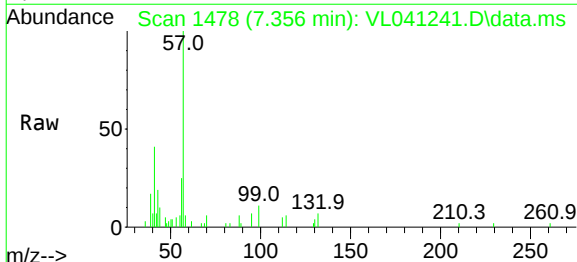
Manual Integrations
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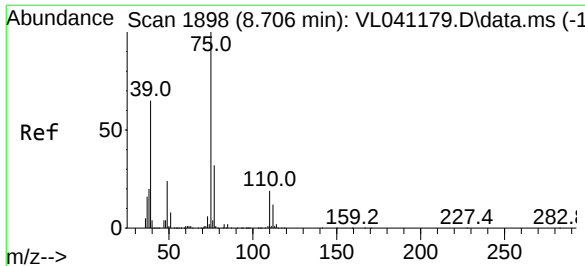
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#44
2,2,4-Trimethylpentane
Concen: 0.086 ppbv m
RT: 7.356 min Scan# 1478
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion: 57 Resp: 26882
Ion Ratio Lower Upper
57 100
41 42.0 29.5 44.3
56 0.0 25.3 37.9#





#45

t-1,3-Dichloropropene

Concen: 0.059 ppbv m

RT: 8.741 min Scan# 19

Delta R.T. 0.009 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 75 Resp: 3135

Ion Ratio Lower Upper

75 100

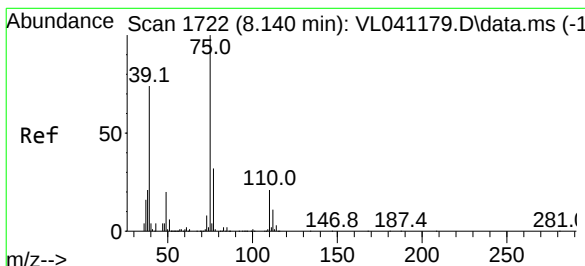
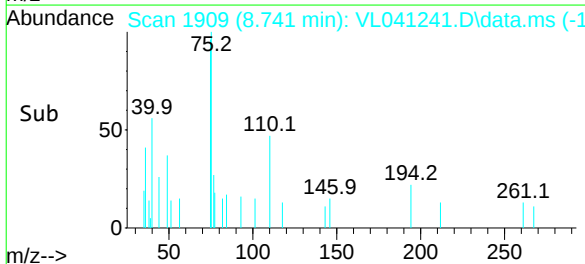
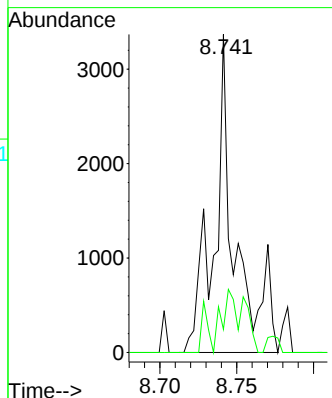
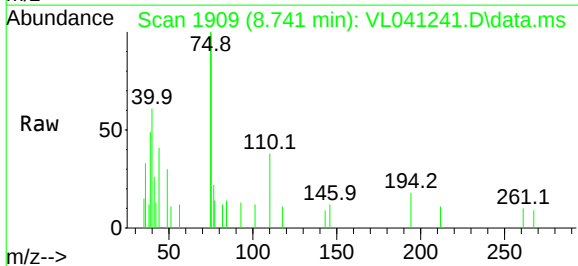
77 14.6 25.6 38.4#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#46

cis-1,3-Dichloropropene

Concen: 0.066 ppbv m

RT: 8.166 min Scan# 1730

Delta R.T. 0.003 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

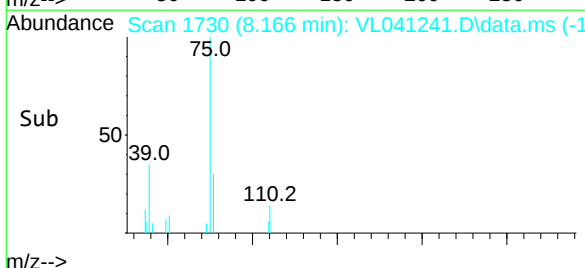
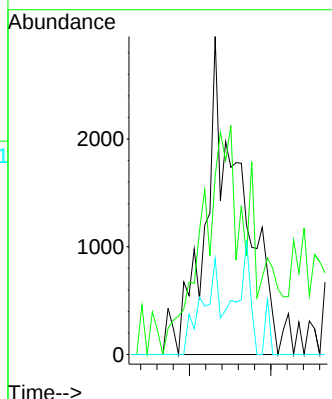
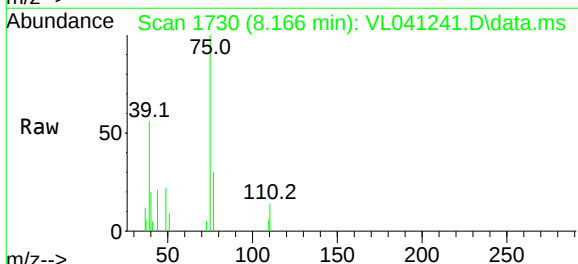
Tgt Ion: 75 Resp: 4315

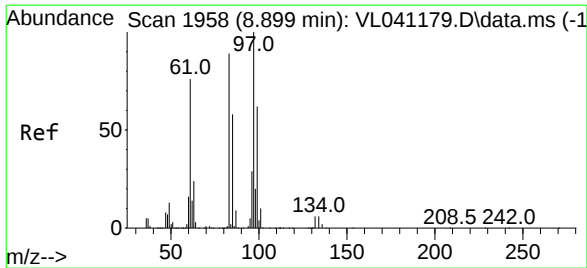
Ion Ratio Lower Upper

75 100

39 56.0 59.4 89.2#

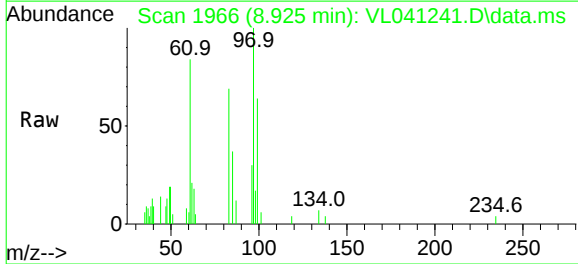
77 30.2 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 0.105 ppbv m
RT: 8.925 min Scan# 1958
Delta R.T. 0.003 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

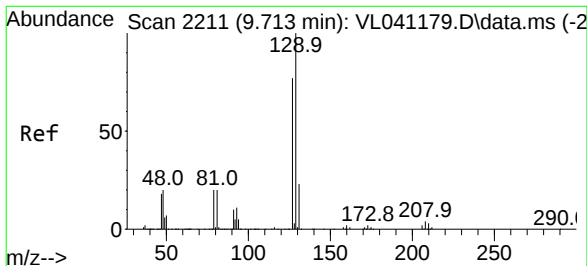
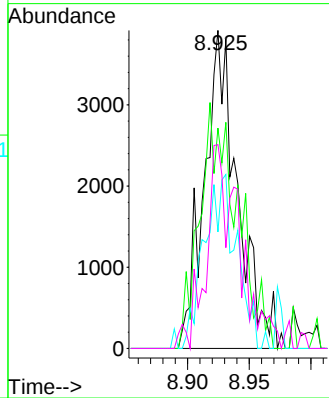
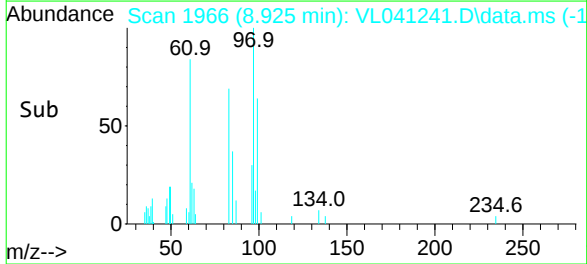
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	69.3	71.2	106.8
85	36.7	46.0	69.0
99	64.1	49.7	74.5

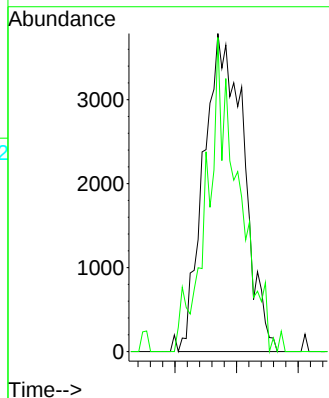
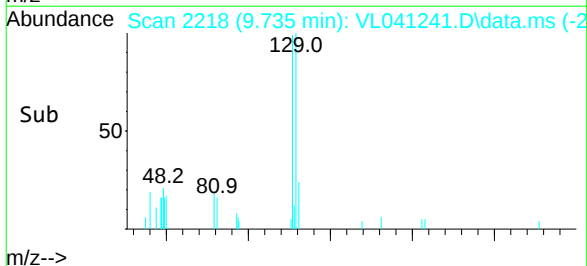
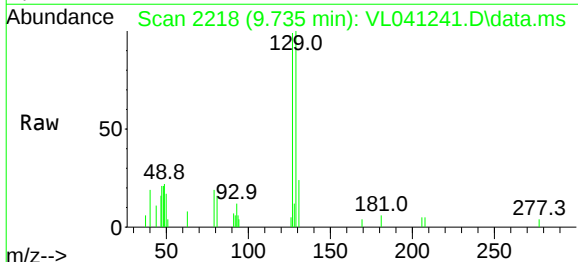
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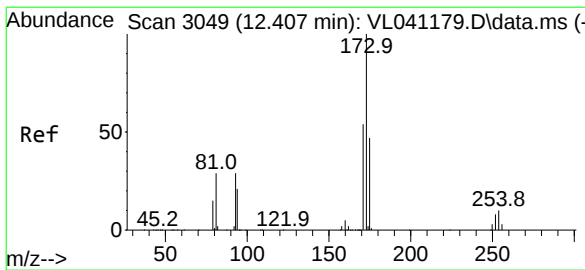
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#48
Dibromochloromethane
Concen: 0.077 ppbv m
RT: 9.735 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.1	117.5





#49

Bromoform

Concen: 0.068 ppbv m

RT: 12.436 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VL041241.D

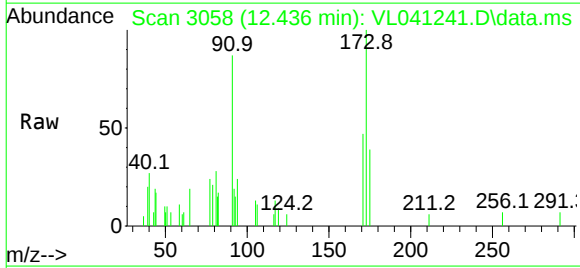
Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

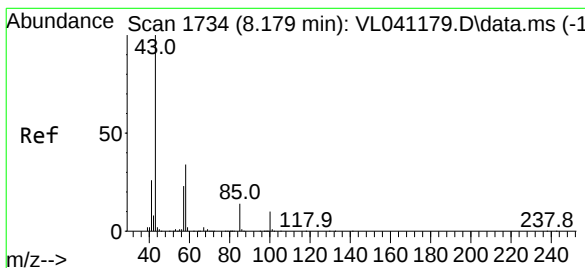
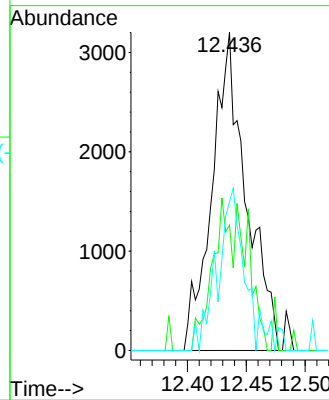
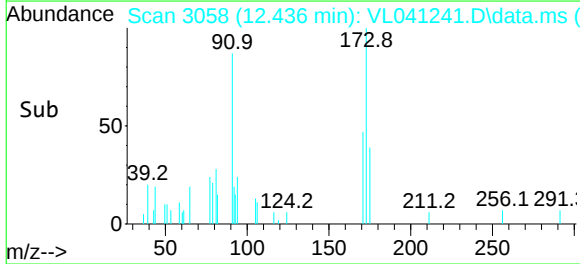


Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.8	59.8
171	0.0	41.8	62.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#50

4-Methyl-2-Pentanone

Concen: 0.093 ppbv m

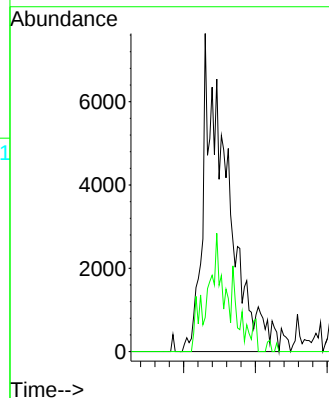
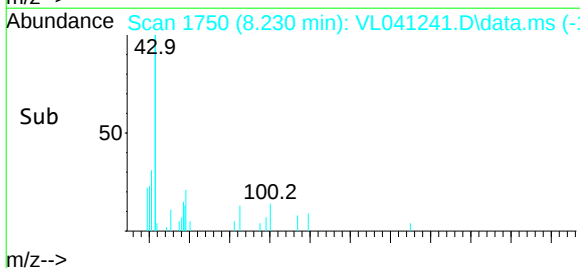
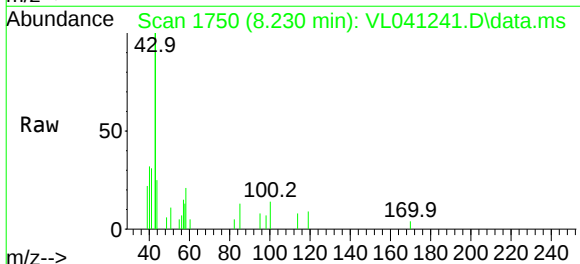
RT: 8.230 min Scan# 1750

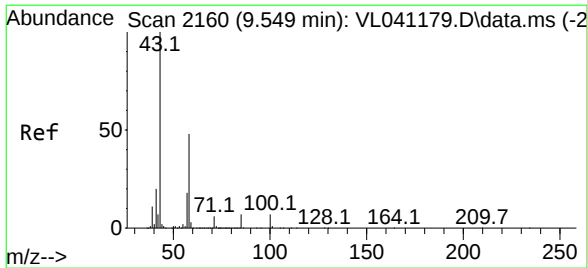
Delta R.T. 0.029 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

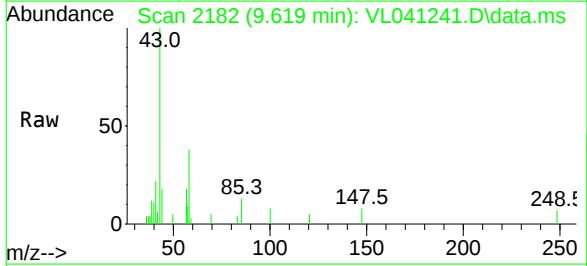
Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.7	41.5





#51
2-Hexanone
Concen: 0.076 ppbv m
RT: 9.619 min Scan# 211
Delta R.T. 0.051 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

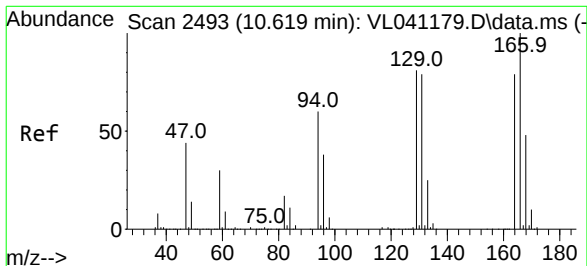
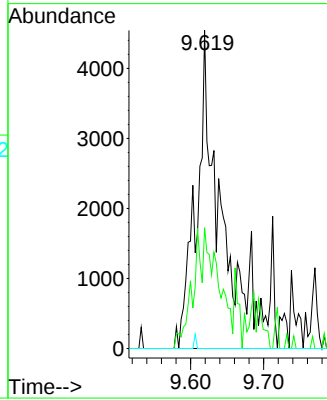
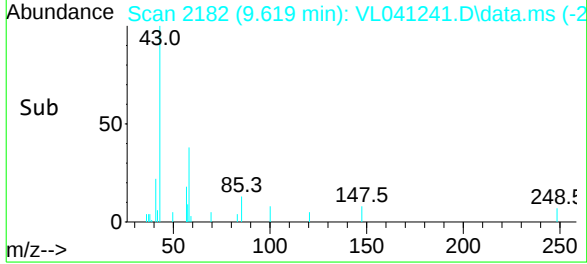
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



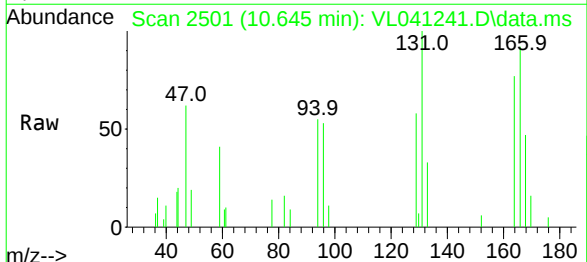
Tgt Ion: 43 Resp: 11156
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.0 0.0

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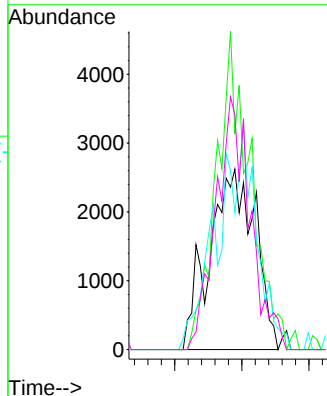
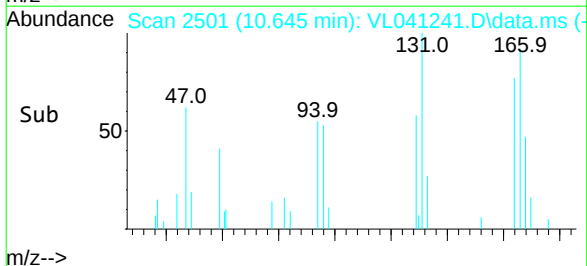
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

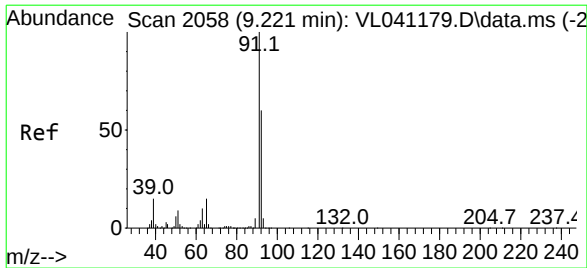


#52
Tetrachloroethene
Concen: 0.097 ppbv m
RT: 10.645 min Scan# 2501
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13



Tgt Ion:164 Resp: 6201
Ion Ratio Lower Upper
164 100
166 119.7 101.1 151.7
129 76.1 81.7 122.5#
131 130.3 80.4 120.6#





#53

Toluene

Concen: 0.077 ppbv m

RT: 9.249 min Scan# 2058

Delta R.T. 0.009 min

Lab File: VL041241.D

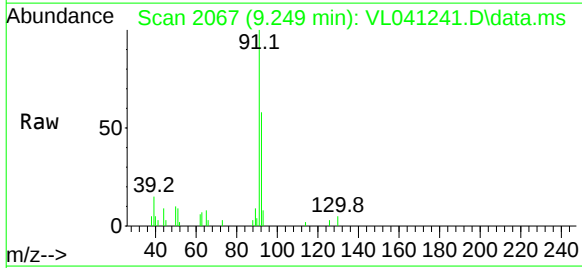
Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 91 Resp: 16191

Ion Ratio Lower Upper

91 100

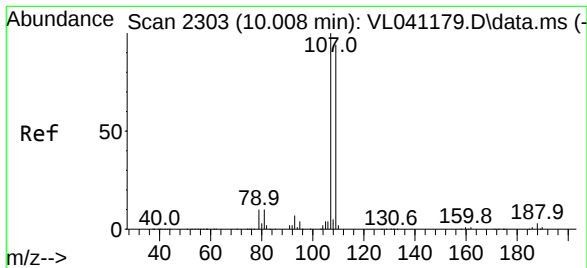
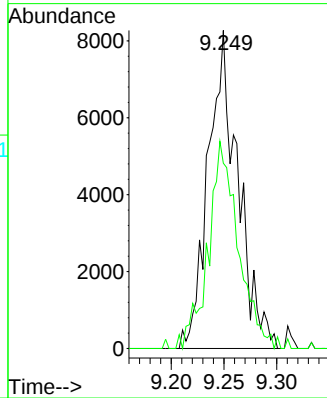
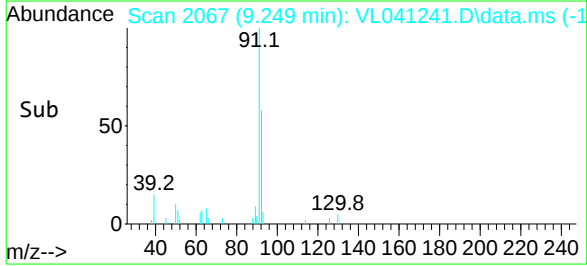
92 66.0 48.2 72.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#54

1,2-Dibromoethane

Concen: 0.087 ppbv m

RT: 10.040 min Scan# 2313

Delta R.T. 0.009 min

Lab File: VL041241.D

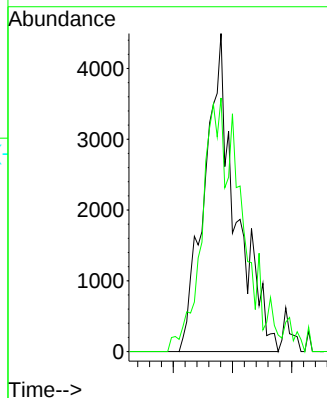
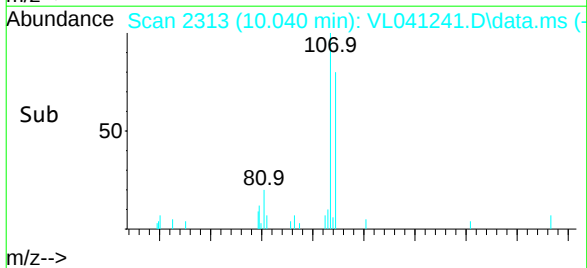
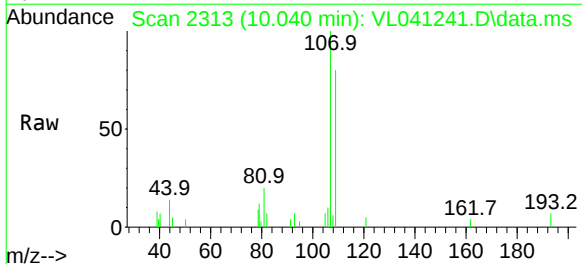
Acq: 8 May 2024 13:13

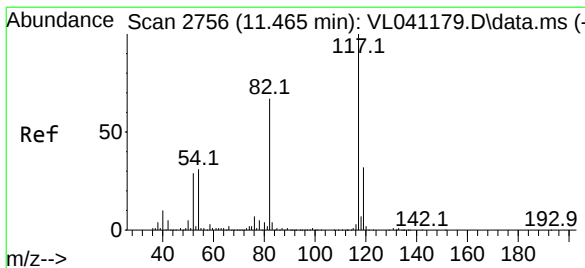
Tgt Ion:107 Resp: 8242

Ion Ratio Lower Upper

107 100

109 79.8 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 2756

Delta R.T. 0.009 min

Lab File: VL041241.D

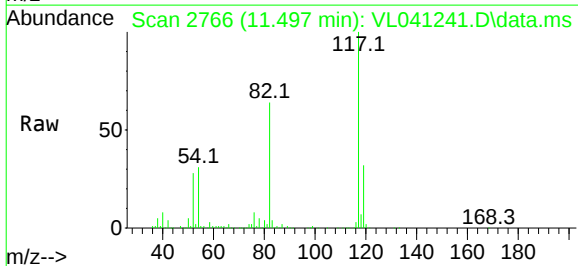
Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion:117 Resp: 1968339

Ion Ratio Lower Upper

117 100

82 66.1 53.6 80.4

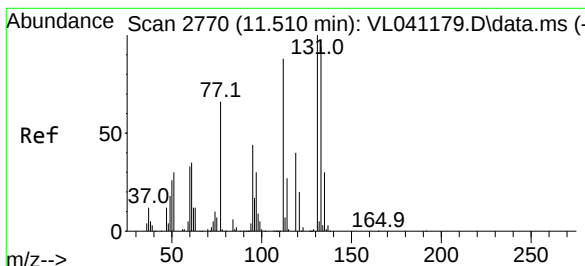
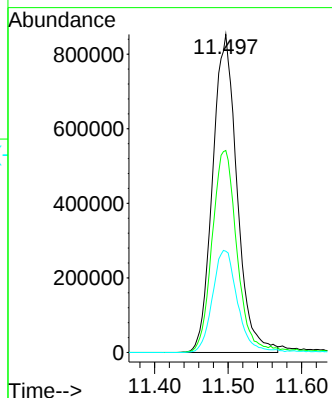
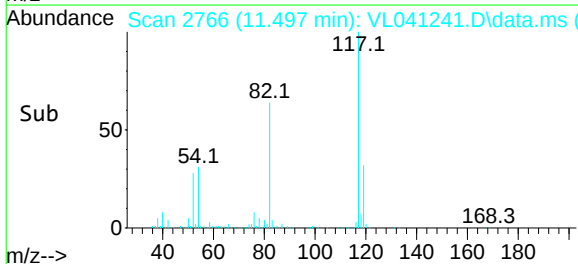
119 33.4 27.2 40.8

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Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 0.093 ppbv m

RT: 11.542 min Scan# 2780

Delta R.T. 0.013 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

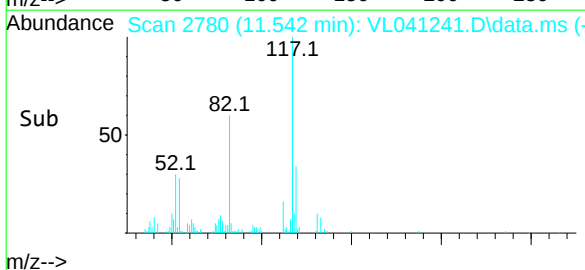
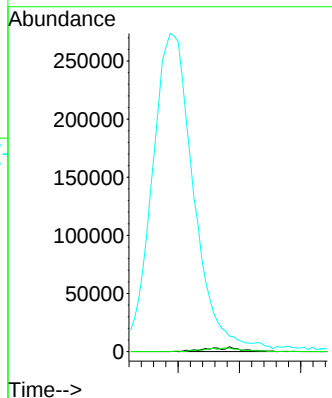
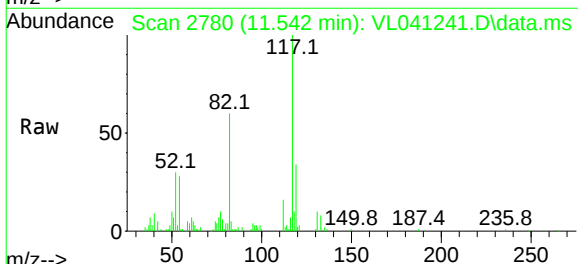
Tgt Ion:131 Resp: 7438

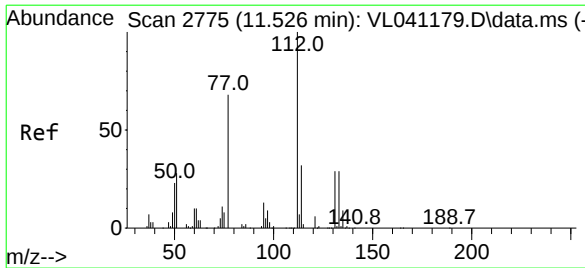
Ion Ratio Lower Upper

131 100

133 90.1 76.3 114.5

119 0.0 49.4 74.2#





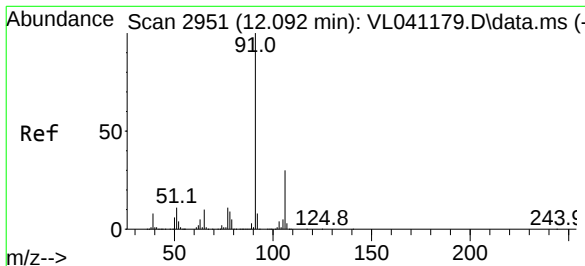
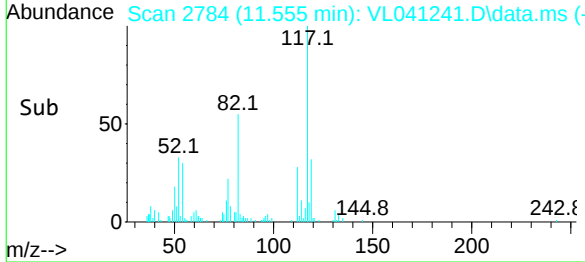
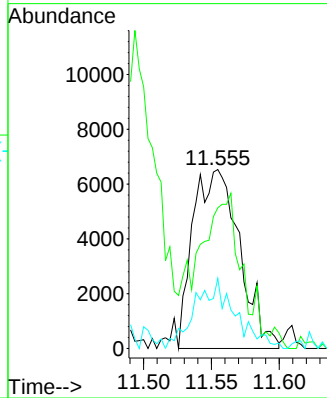
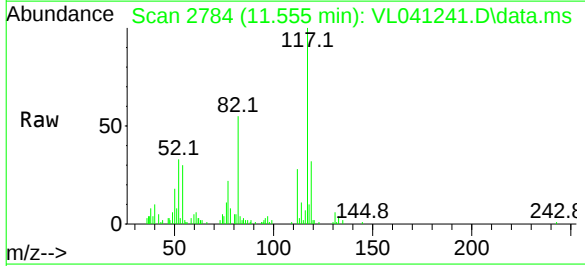
#57
Chlorobenzene
Concen: 0.108 ppbv m
RT: 11.555 min Scan# 2775
Delta R.T. 0.006 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:112 Resp: 15576
Ion Ratio Lower Upper
112 100
77 78.6 54.9 82.3
114 39.1 28.7 35.1#

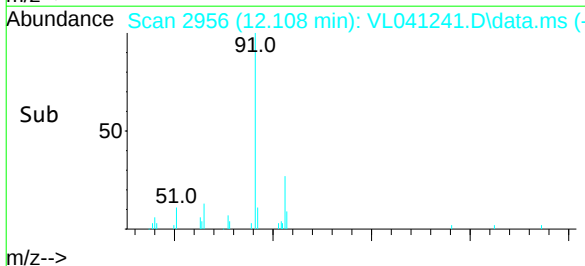
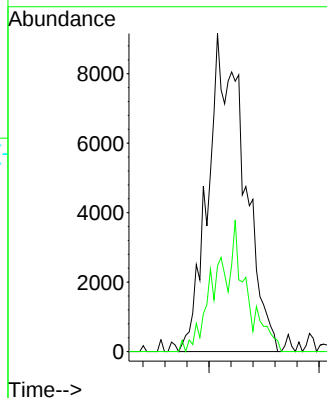
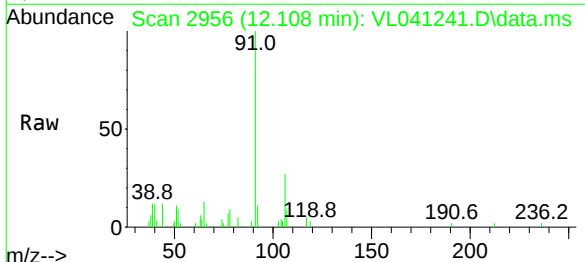
Manual Integrations
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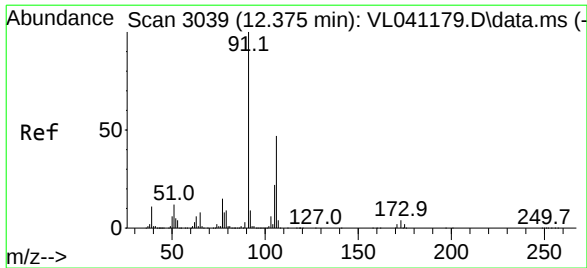
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#58
Ethyl Benzene
Concen: 0.077 ppbv m
RT: 12.108 min Scan# 2956
Delta R.T. -0.003 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion: 91 Resp: 20865
Ion Ratio Lower Upper
91 100
106 27.0 24.3 36.5





#59

m/p-Xylene

Concen: 0.164 ppbv m

RT: 12.404 min Scan# 3039

Delta R.T. 0.013 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 91 Resp: 37294

Ion Ratio Lower Upper

91 100

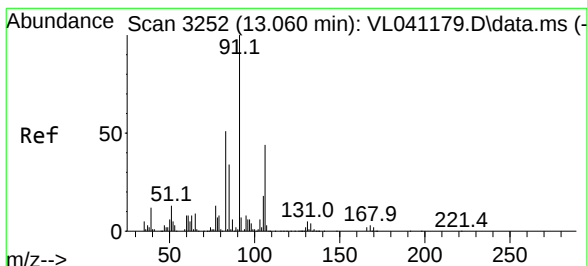
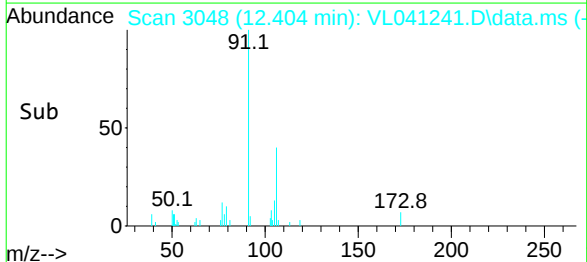
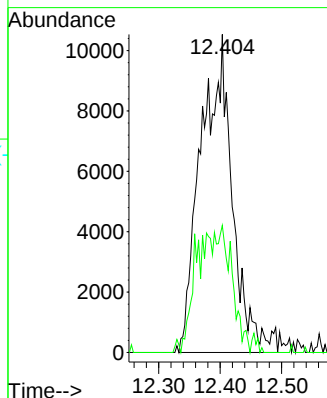
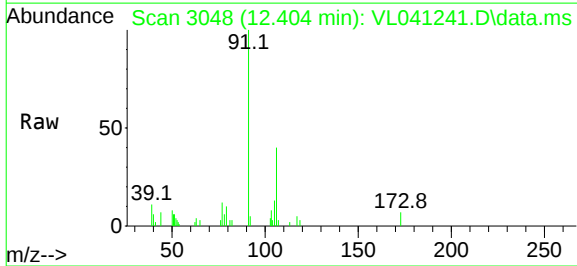
106 45.3 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#60

o-Xylene

Concen: 0.084 ppbv m

RT: 13.082 min Scan# 3259

Delta R.T. 0.003 min

Lab File: VL041241.D

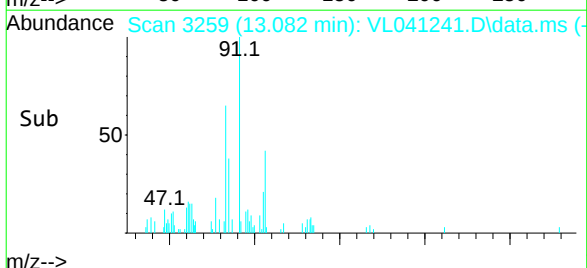
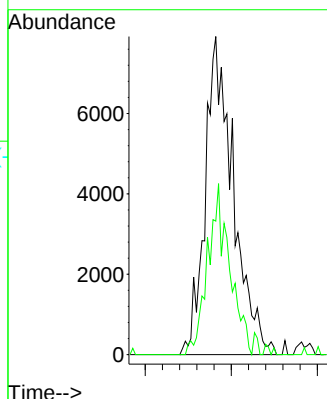
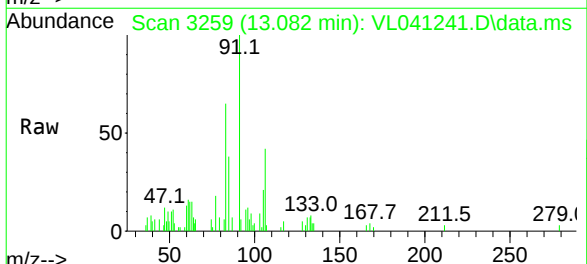
Acq: 8 May 2024 13:13

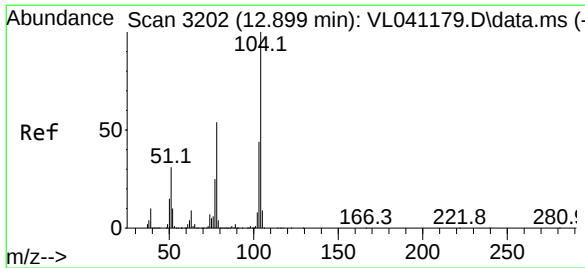
Tgt Ion: 91 Resp: 17927

Ion Ratio Lower Upper

91 100

106 43.8 22.4 67.3





#61

Styrene

Concen: 0.071 ppbv m

RT: 12.934 min Scan# 3202

Delta R.T. 0.016 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

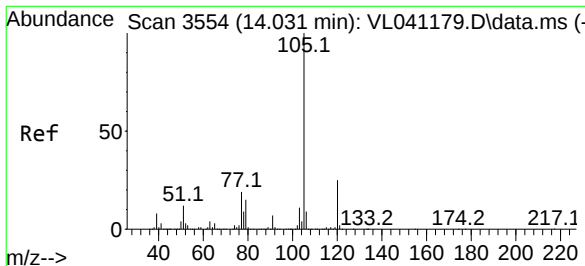
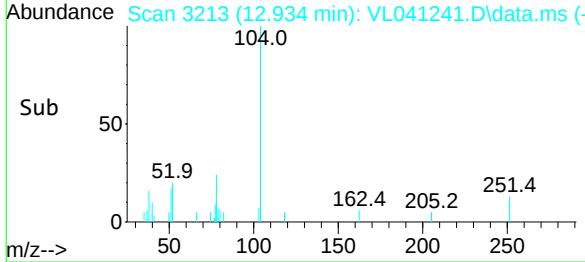
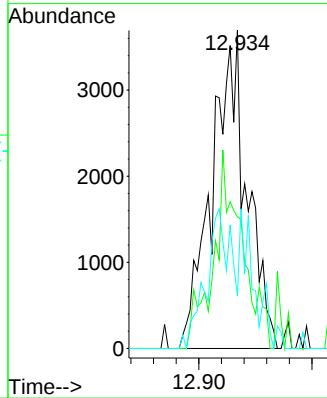
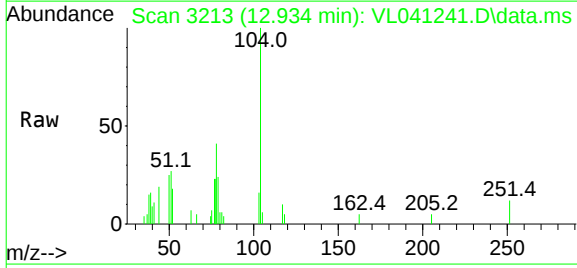
ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:	104	Resp:	7922
Ion Ratio	Lower	Upper	
104	100		
78	50.7	42.6	63.8
103	0.0	38.4	57.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#62

Isopropylbenzene

Concen: 0.090 ppbv m

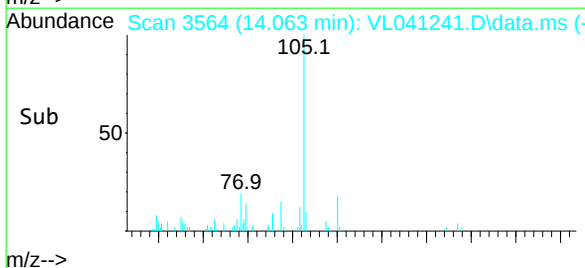
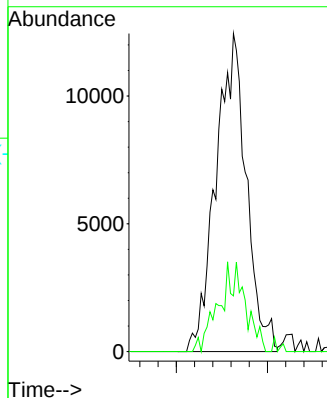
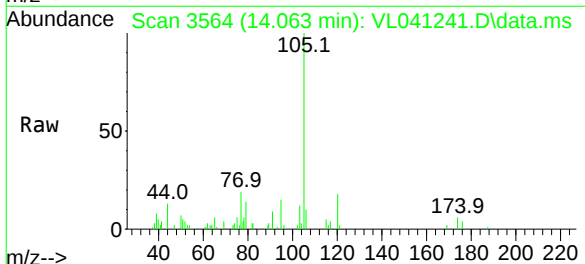
RT: 14.063 min Scan# 3564

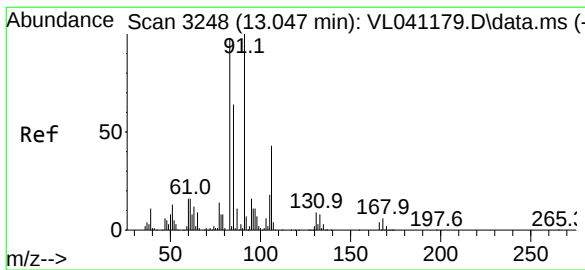
Delta R.T. 0.013 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

Tgt Ion:	105	Resp:	28751
Ion Ratio	Lower	Upper	
105	100		
120	0.0	20.2	30.2





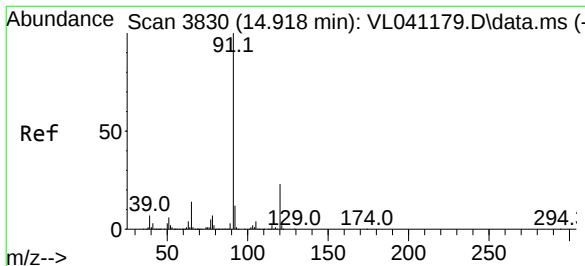
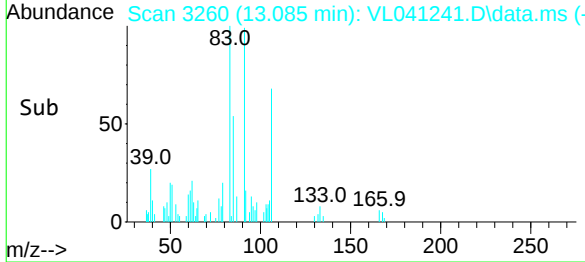
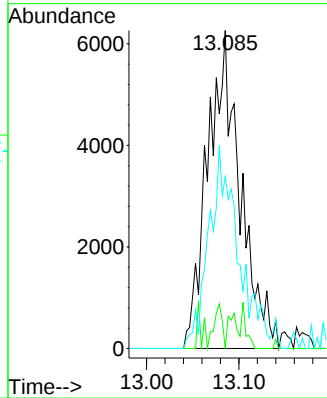
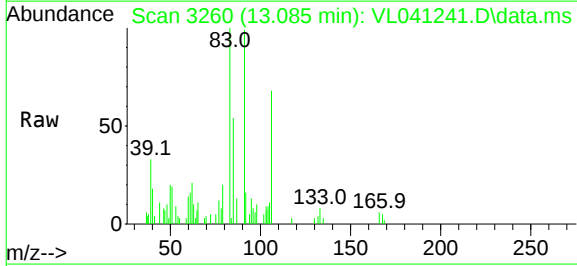
#63
1,1,2,2-Tetrachloroethane
Concen: 0.105 ppbv m
RT: 13.085 min Scan# 3248
Delta R.T. 0.019 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.5
85	59.5	32.7	98.1

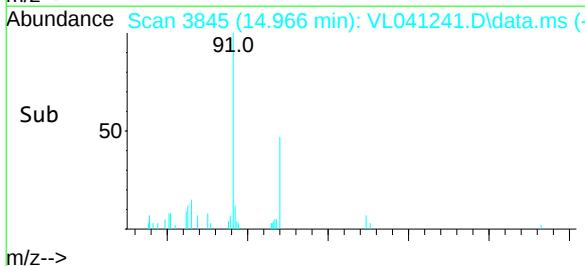
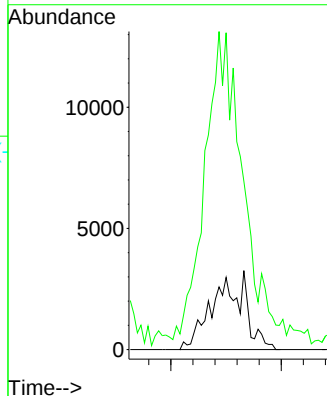
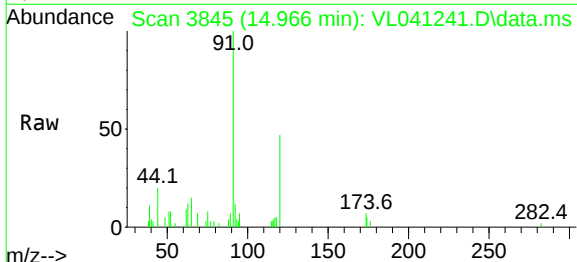
Manual Integrations
APPROVED

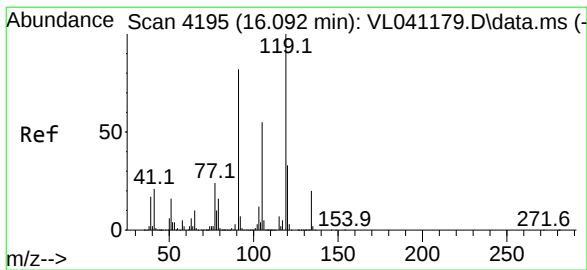
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#64
n-propylbenzene
Concen: 0.083 ppbv m
RT: 14.966 min Scan# 3845
Delta R.T. 0.032 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

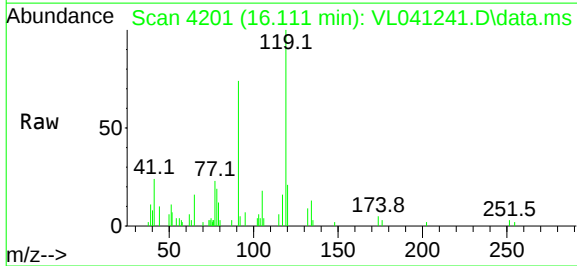
Tgt Ion	Ratio	Lower	Upper
120	100		
91	53.1	384.8	577.2





#65
tert-Butylbenzene
Concen: 0.083 ppbv m
RT: 16.111 min Scan# 421
Delta R.T. 0.003 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

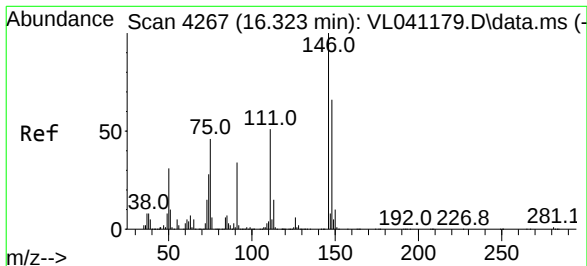
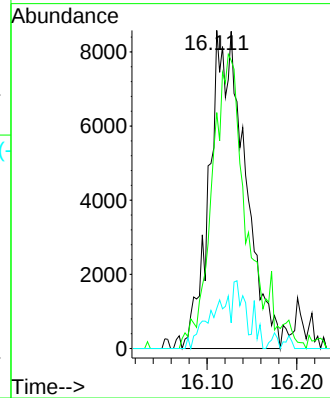
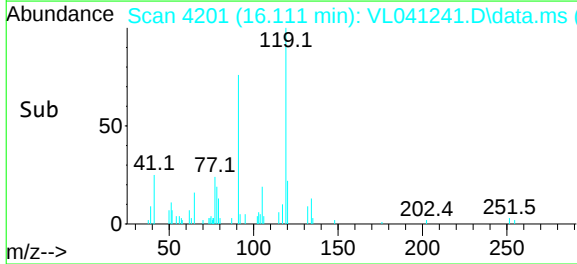
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 119 Resp: 23593
Ion Ratio Lower Upper
119 100
91 91.1 67.0 100.4
134 19.5 15.2 22.8

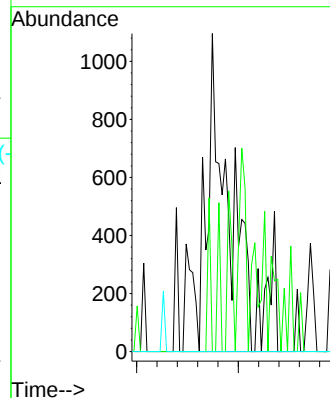
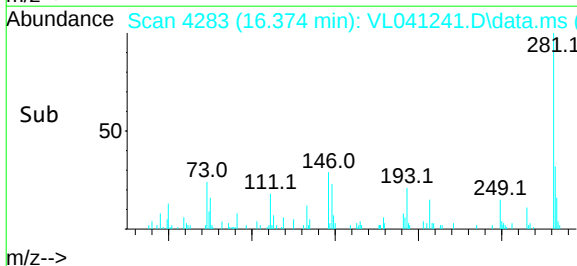
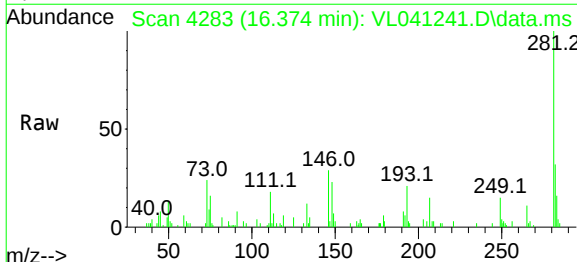
Manual Integrations
APPROVED

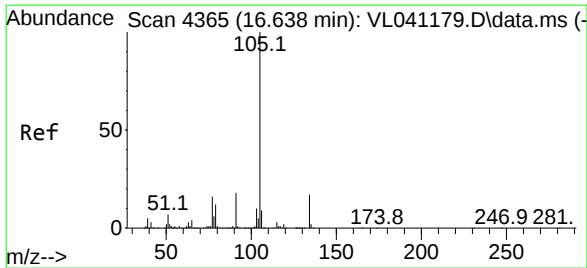
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#66
Benzyl Chloride
Concen: 0.063 ppbv m
RT: 16.374 min Scan# 4283
Delta R.T. 0.026 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion: 91 Resp: 2017
Ion Ratio Lower Upper
91 100
126 0.0 14.6 21.8#
128 0.0 4.7 7.1#





#67

sec-Butylbenzene

Concen: 0.088 ppbv m

RT: 16.664 min Scan# 43

Delta R.T. 0.013 min

Lab File: VL041241.D

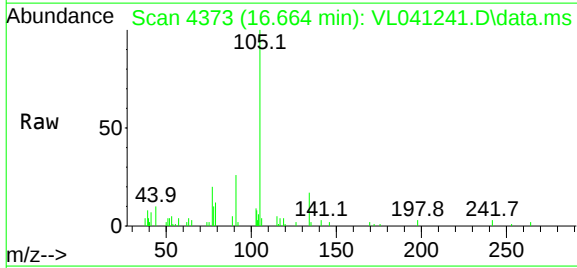
Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

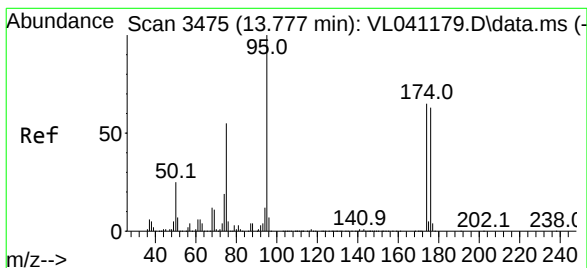
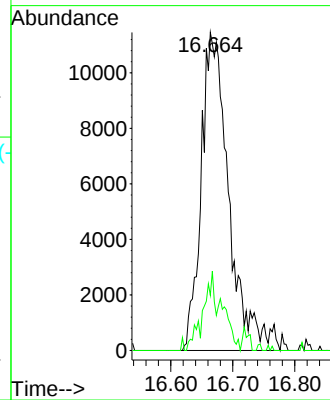
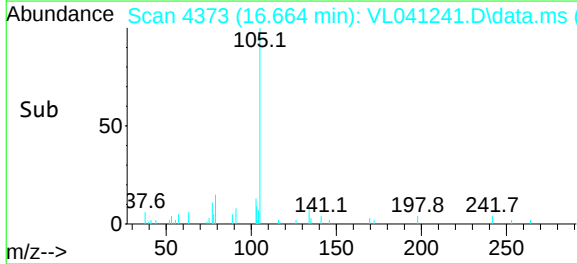


Tgt Ion:	105	Resp:	35450
Ion Ratio	Lower	Upper	
105	100		
134	19.1	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.274 ppbv

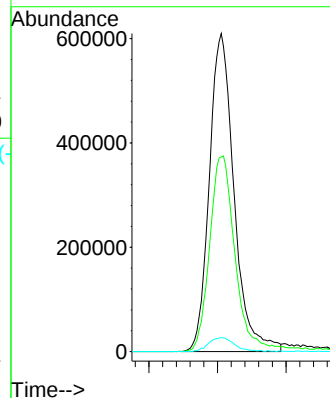
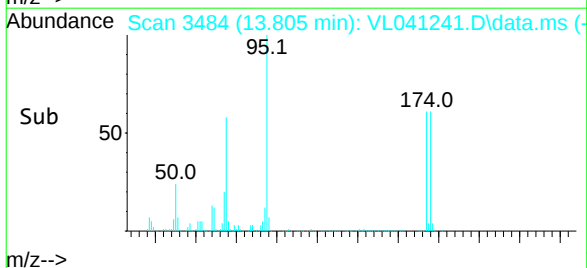
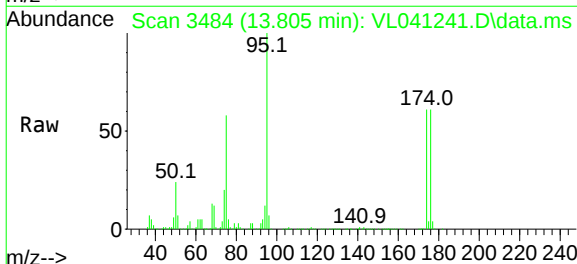
RT: 13.805 min Scan# 3484

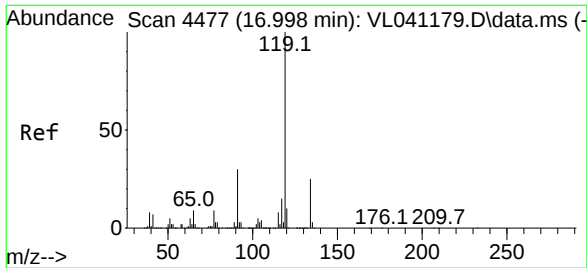
Delta R.T. 0.009 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

Tgt Ion:	95	Resp:	1526641
Ion Ratio	Lower	Upper	
95	100		
174	64.1	53.6	80.4
175	4.7	4.2	6.4





#69

p-Isopropyltoluene

Concen: 0.082 ppbv m

RT: 17.018 min Scan# 4477

Delta R.T. 0.003 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

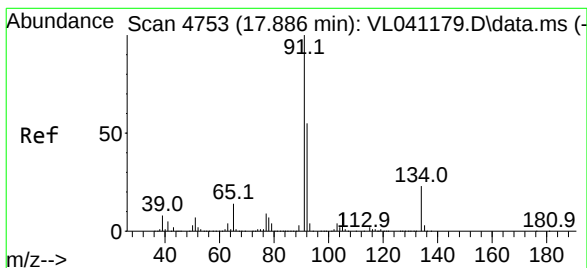
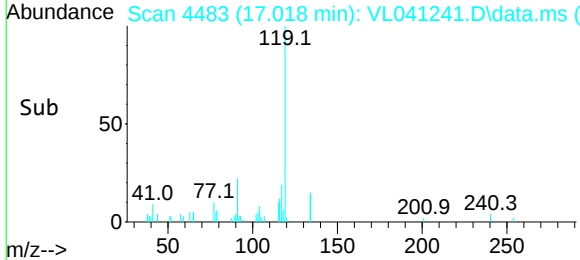
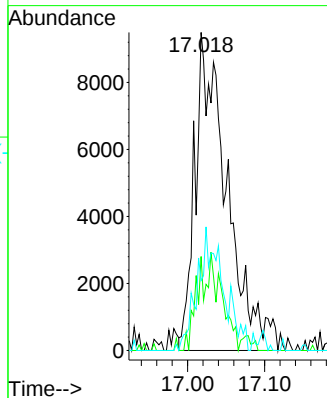
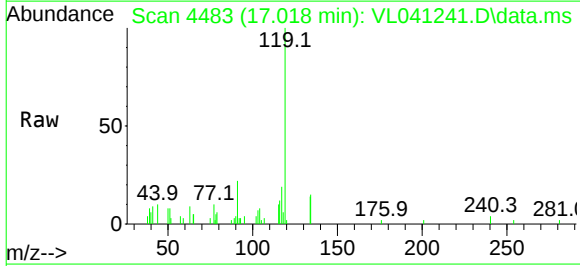
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:	119	Resp:	27046
Ion	Ratio	Lower	Upper
119	100		
134	23.7	20.1	30.1
91	31.4	24.2	36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#70

n-Butylbenzene

Concen: 0.072 ppbv m

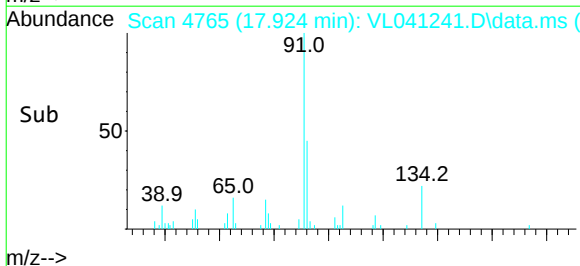
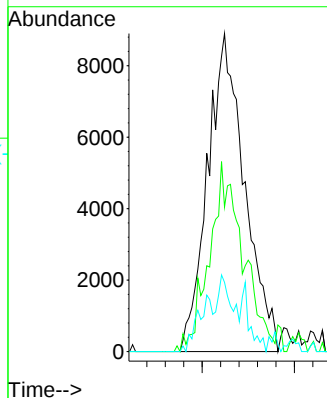
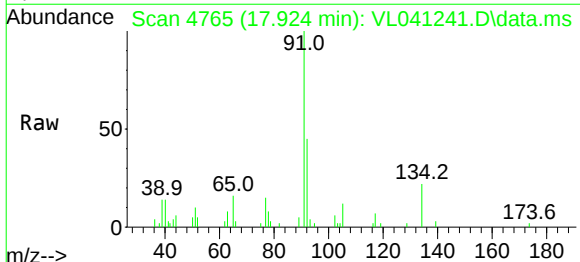
RT: 17.924 min Scan# 4765

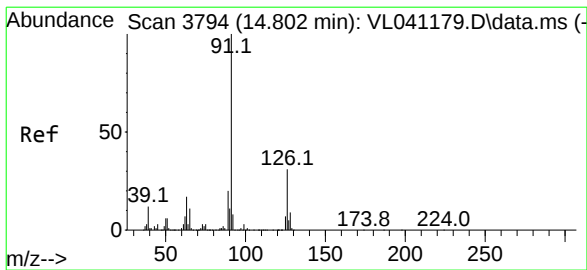
Delta R.T. 0.019 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

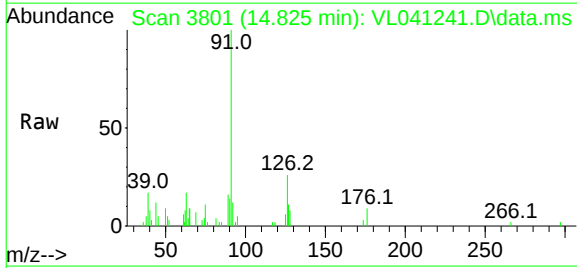
Tgt Ion:	91	Resp:	24771
Ion	Ratio	Lower	Upper
91	100		
92	55.0	43.3	64.9
134	21.8	17.8	26.8





#71
2-Chlorotoluene
Concen: 0.089 ppbv m
RT: 14.825 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

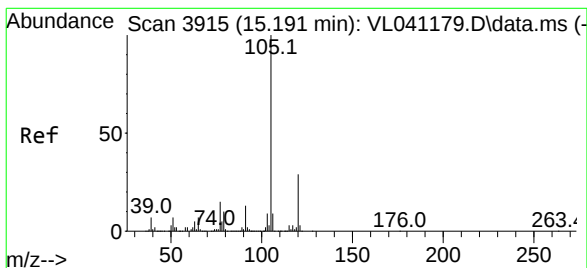
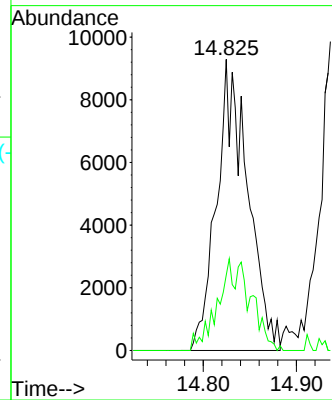
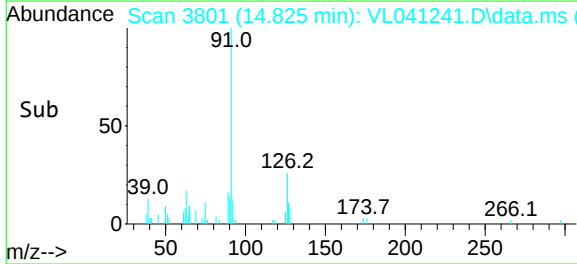
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 91 Resp: 21520
Ion Ratio Lower Upper
91 100
126 33.0 12.2 48.8

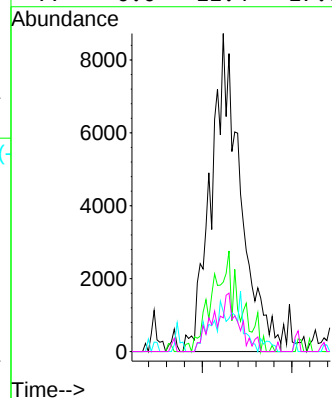
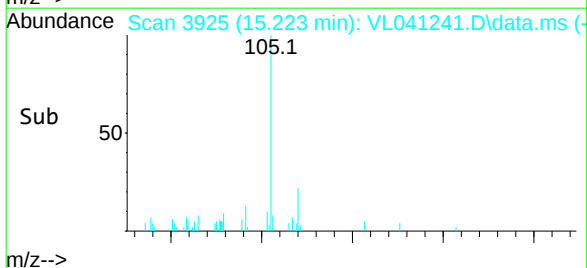
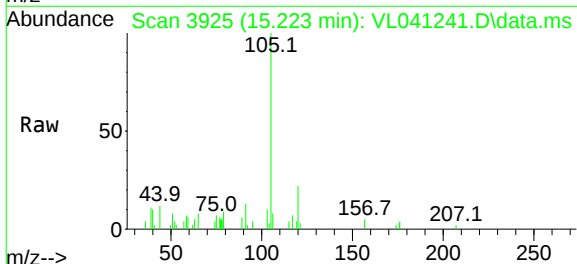
Manual Integrations
APPROVED

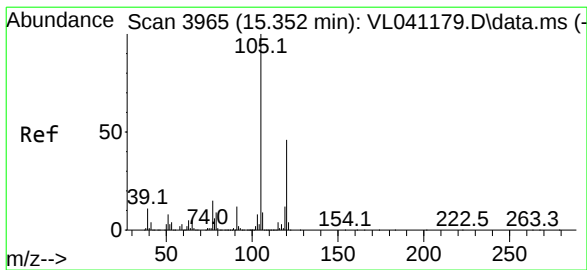
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#72
4-Ethyltoluene
Concen: 0.083 ppbv m
RT: 15.223 min Scan# 3925
Delta R.T. 0.013 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

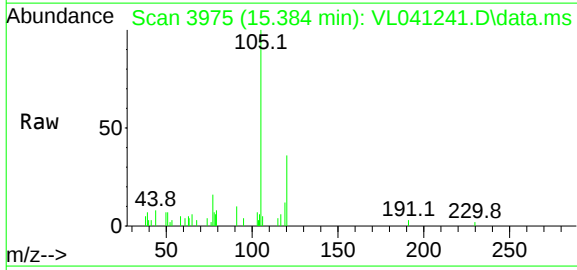
Tgt Ion:105 Resp: 20065
Ion Ratio Lower Upper
105 100
120 0.0 24.7 37.1#
91 0.0 10.3 15.5#
77 0.0 11.4 17.0#





#73
1,3,5-Trimethylbenzene
Concen: 0.081 ppbv m
RT: 15.384 min Scan# 3965
Delta R.T. 0.013 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

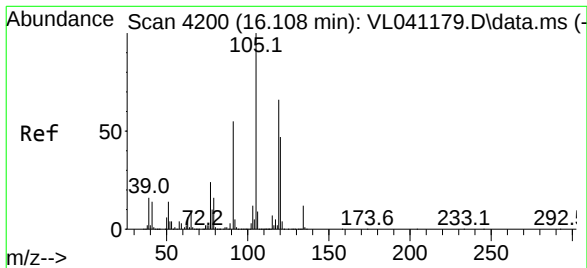
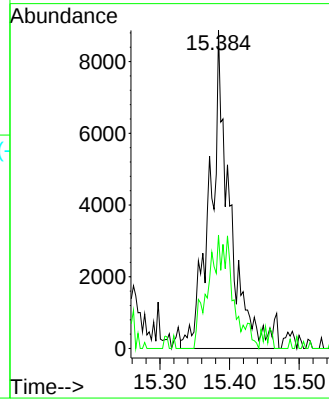
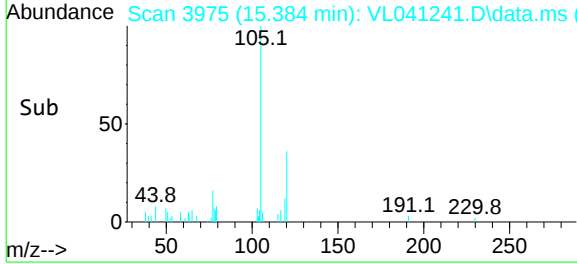
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:105 Resp: 17659
Ion Ratio Lower Upper
105 100
120 35.7 37.0 55.4#

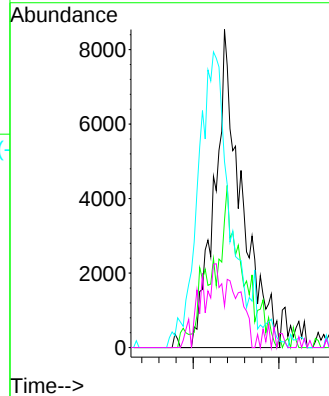
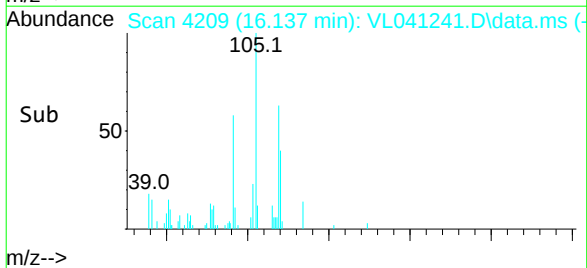
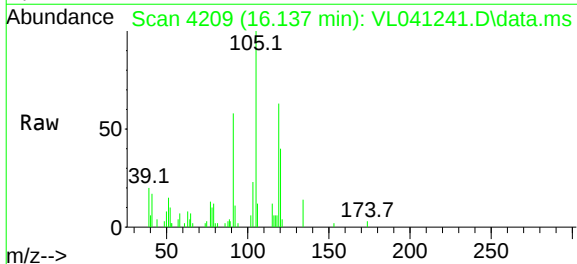
Manual Integrations
APPROVED

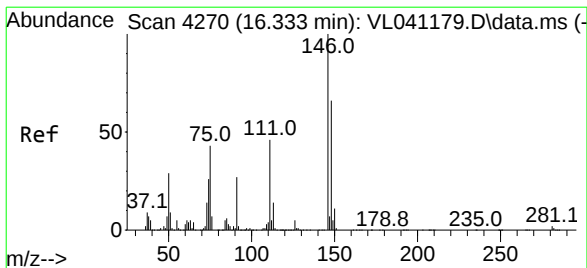
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.078 ppbv m
RT: 16.137 min Scan# 4209
Delta R.T. 0.009 min
Lab File: VL041241.D
Acq: 8 May 2024 13:13

Tgt Ion:105 Resp: 18630
Ion Ratio Lower Upper
105 100
120 40.1 37.8 56.6
91 58.4 44.3 66.5
77 13.0 19.0 28.4#





#75

1,3-Dichlorobenzene

Concen: 0.100 ppbv m

RT: 16.368 min Scan# 4270

Delta R.T. 0.019 min

Lab File: VL041241.D

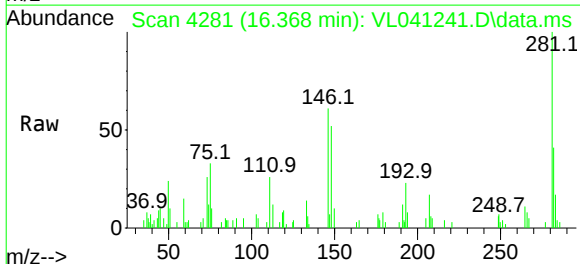
Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

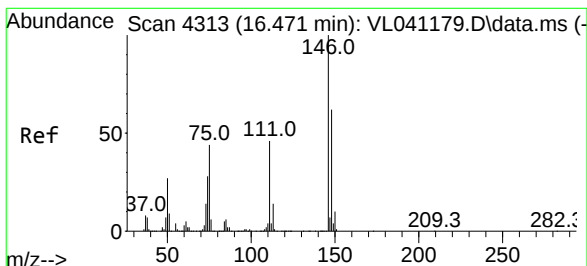
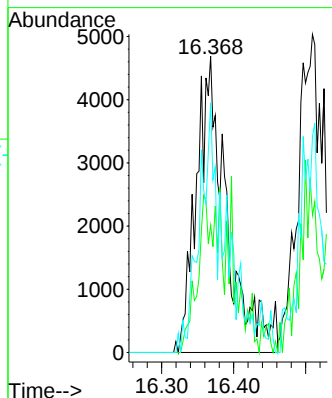
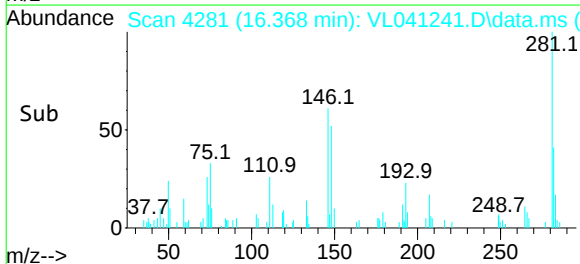


Tgt Ion:	146	Resp:	13710
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.7	71.1#
148	72.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#76

1,4-Dichlorobenzene

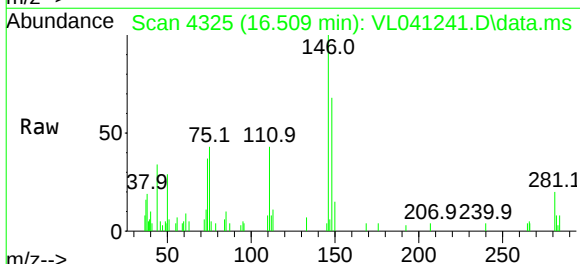
Concen: 0.106 ppbv m

RT: 16.509 min Scan# 4325

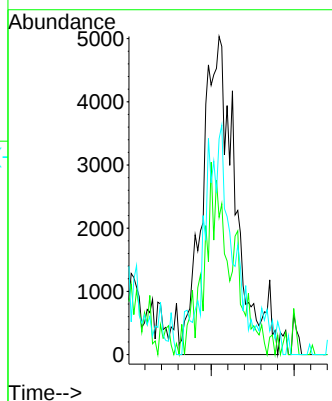
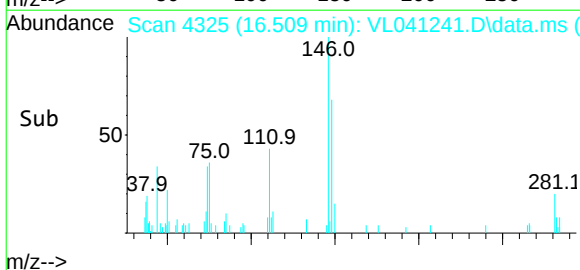
Delta R.T. 0.016 min

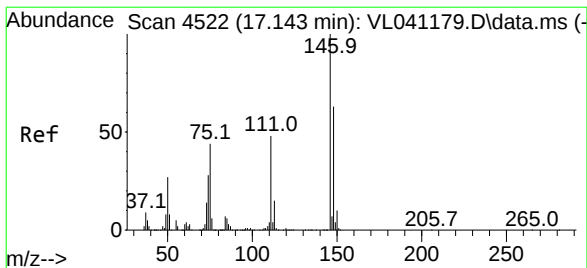
Lab File: VL041241.D

Acq: 8 May 2024 13:13



Tgt Ion:	146	Resp:	13966
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.3	69.8#
148	66.4	32.6	97.7





#77

1,2-Dichlorobenzene

Concen: 0.094 ppbv m

RT: 17.182 min Scan# 45

Delta R.T. 0.019 min

Lab File: VL041241.D

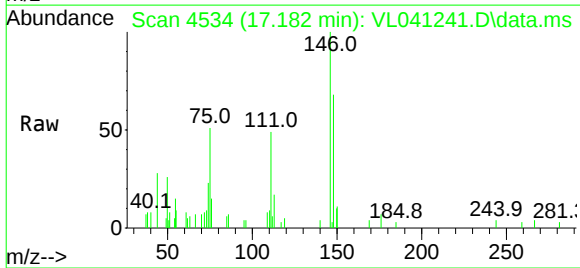
Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

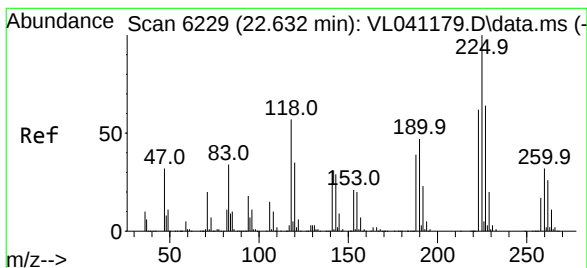
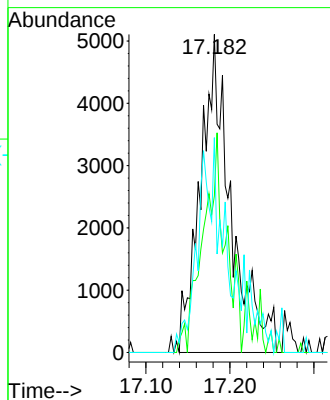
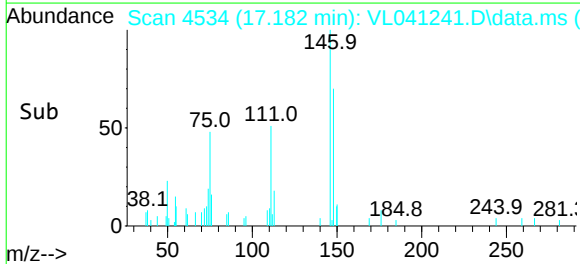
LOD-MDL-AIR-01-QT2-2024



Tgt	Ion:	146	Resp:	12797
Ion	Ratio	Lower	Upper	
146	100			
111	55.2	24.5	73.5	
148	68.6	32.6	98.0	

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#78

Hexachloro-1,3-Butadiene

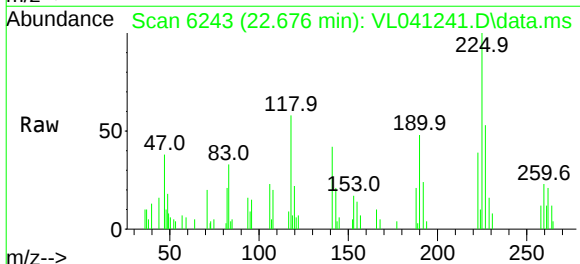
Concen: 0.106 ppbv m

RT: 22.676 min Scan# 6243

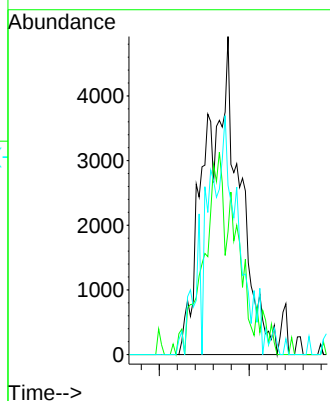
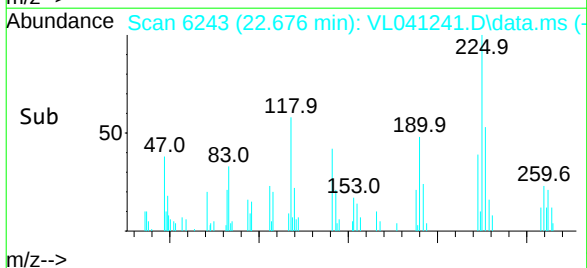
Delta R.T. 0.019 min

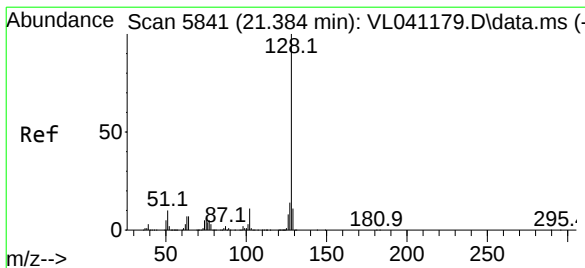
Lab File: VL041241.D

Acq: 8 May 2024 13:13



Tgt	Ion:	225	Resp:	12863
Ion	Ratio	Lower	Upper	
225	100			
223	0.0	50.9	76.3	#
227	71.7	52.0	78.0	





#79

Naphthalene

Concen: 0.053 ppbv m

RT: 21.432 min Scan# 5841

Delta R.T. 0.029 min

Lab File: VL041241.D

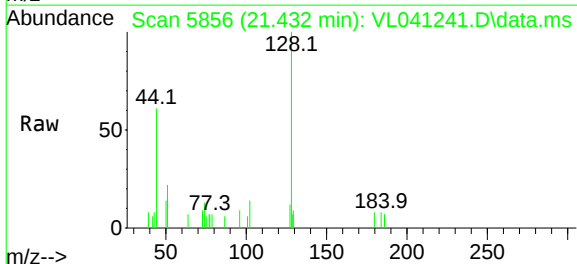
Acq: 8 May 2024 13:13

Instrument :

MSVOA_L

ClientSampleId :

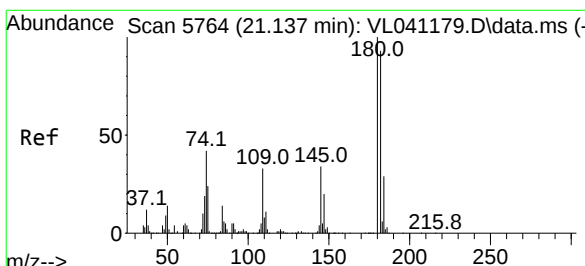
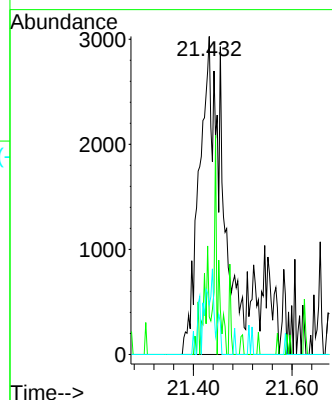
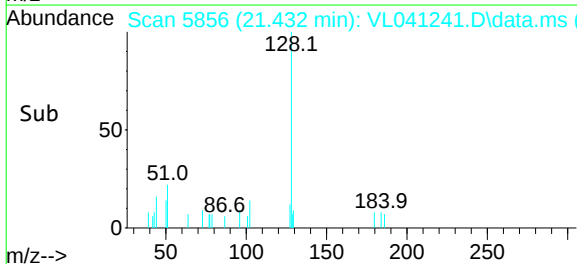
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	128	Resp:	12064
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.8	16.2
129	9.1	8.9	13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#81

1,2,4-Trichlorobenzene

Concen: 0.066 ppbv m

RT: 21.194 min Scan# 5782

Delta R.T. 0.029 min

Lab File: VL041241.D

Acq: 8 May 2024 13:13

Tgt Ion:	180	Resp:	7917
Ion Ratio	Lower	Upper	
180	100		
182	92.6	77.2	115.8
184	17.7	24.6	36.8

