

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041239.D
 Acq On : 8 May 2024 11:56
 Operator : SY/MD
 Sample : P2403-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 09 04:49:45 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

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

Internal Standards						
1) Bromochloromethane	5.214	49	801683	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2212838	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2031753	10.000	ppbv	0.00

05/09/2024
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 Padoda

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1549552	10.102	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

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Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.751	85	69372	0.640	ppbv	94
3) Chlorodifluoromethane	2.700	51	65666	0.539	ppbv	98
4) Chloromethane	2.835	50	24673	0.516	ppbv	90
5) Vinyl Chloride	2.944	62	22800	0.475	ppbv	99
6) Bromomethane	3.140	94	9699m	0.554	ppbv	
7) Chloroethane	3.221	64	8982	0.530	ppbv	93
8) Dichlorotetrafluoroethane	2.880	85	59079	0.526	ppbv	95
9) Propene	2.716	41	23211	0.487	ppbv	96
10) Heptane	7.606	43	48360	0.419	ppbv	88
11) Trichlorofluoromethane	3.581	101	58578	0.532	ppbv	85
12) 1,1,2-Trichlorotrifluo...	4.086	101	39733	0.488	ppbv	92
13) Ethanol	3.282	45	5100	0.477	ppbv	98
14) Bromoethene	3.388	108	15362	0.457	ppbv #	85
15) Acetone	3.507	43	54710	0.578	ppbv	92
16) 1,3-Butadiene	3.005	39	25458m	0.533	ppbv	
17) tert-Butyl alcohol	3.912	59	42643m	0.418	ppbv	
18) 1,1-Dichloroethene	3.902	96	17978	0.495	ppbv	84
19) Isopropyl Alcohol	3.610	45	29404m	0.474	ppbv	
20) Methylene Chloride	3.954	84	19749	0.600	ppbv #	94
21) Allyl Chloride	4.015	41	30582m	0.496	ppbv	
22) trans-1,2-Dichloroethene	4.468	96	17089	0.452	ppbv	88
23) Vinyl Acetate	4.655	43	43344m	0.416	ppbv	
24) 1,1-Dichloroethane	4.584	63	42182	0.521	ppbv	97
25) Ethyl Acetate	5.240	43	80493	0.426	ppbv #	95
26) Hexane	5.234	57	38109m	0.452	ppbv	
27) Carbon Disulfide	4.150	76	42510	0.426	ppbv #	82
28) Methyl tert-Butyl Ether	4.619	73	29579	0.441	ppbv #	89
29) Chloroform	5.295	83	62456	0.537	ppbv	93
30) Cyclohexane	6.629	84	33021m	0.495	ppbv	
31) cis-1,2-Dichloroethene	5.102	61	38651m	0.490	ppbv	
32) 1,1,1-Trichloroethane	6.028	97	55116	0.475	ppbv	94
34) 2-Butanone	4.825	43	55030m	0.489	ppbv	
35) Carbon Tetrachloride	6.516	117	54161	0.436	ppbv	93
36) Benzene	6.394	78	80294	0.432	ppbv #	94
37) 1,2-Dichloroethane	5.828	62	43808	0.452	ppbv #	95
38) Trichloroethene	7.317	130	31413	0.454	ppbv	90
39) 1,2-Dichloropropane	7.095	63	33025m	0.461	ppbv	
40) 1,4-Dioxane	7.349	88	10492m	0.410	ppbv	
41) Tetrahydrofuran	5.607	42	33008m	0.405	ppbv	
42) Bromodichloromethane	7.272	83	64823	0.466	ppbv	97
43) Methyl Methacrylate	7.504	69	29030m	0.387	ppbv	
44) 2,2,4-Trimethylpentane	7.352	57	138847m	0.434	ppbv	
45) t-1,3-Dichloropropene	8.741	75	17300m	0.318	ppbv	

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 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.166	75	24707m	0.371	ppbv		05/09/2024
47) 1,1,2-Trichloroethane	8.928	97	33955m	0.474	ppbv		Supervised By : Mahesh Dadoda
48) Dibromochloromethane	9.732	129	48460	0.425	ppbv	100	
49) Bromoform	12.429	173	35499	0.366	ppbv	98	
50) 4-Methyl-2-Pentanone	8.227	43	82303m	0.407	ppbv		
51) 2-Hexanone	9.610	43	60790m	0.405	ppbv		
52) Tetrachloroethene	10.648	164	31109m	0.477	ppbv		05/09/2024
53) Toluene	9.243	91	88002	0.409	ppbv	99	
54) 1,2-Dibromoethane	10.034	107	44295	0.457	ppbv	87	
56) 1,1,1,2-Tetrachloroethane	11.536	131	34232	0.416	ppbv #	59	
57) Chlorobenzene	11.552	112	77118	0.518	ppbv #	92	
58) Ethyl Benzene	12.114	91	119605	0.429	ppbv	97	
59) m/p-Xylene	12.397	91	209274m	0.894	ppbv		
60) o-Xylene	13.085	91	104445m	0.476	ppbv		
61) Styrene	12.928	104	47677m	0.411	ppbv		
62) Isopropylbenzene	14.060	105	155892	0.475	ppbv	99	
63) 1,1,2,2-Tetrachloroethane	13.076	83	73376m	0.490	ppbv		
64) n-propylbenzene	14.947	120	36838	0.450	ppbv	83	
65) tert-Butylbenzene	16.114	119	131000	0.446	ppbv	95	
66) Benzyl Chloride	16.371	91	6223m	0.187	ppbv		
67) sec-Butylbenzene	16.664	105	190806	0.461	ppbv	97	
69) p-Isopropyltoluene	17.021	119	150831	0.442	ppbv	97	
70) n-Butylbenzene	17.915	91	147254	0.413	ppbv	97	
71) 2-Chlorotoluene	14.825	91	112984	0.452	ppbv	97	
72) 4-Ethyltoluene	15.217	105	115674m	0.465	ppbv		
73) 1,3,5-Trimethylbenzene	15.381	105	96213	0.428	ppbv	98	
74) 1,2,4-Trimethylbenzene	16.137	105	111370	0.453	ppbv #	94	
75) 1,3-Dichlorobenzene	16.362	146	70012m	0.497	ppbv		
76) 1,4-Dichlorobenzene	16.500	146	59791	0.441	ppbv	89	
77) 1,2-Dichlorobenzene	17.172	146	62813	0.446	ppbv	91	
78) Hexachloro-1,3-Butadiene	22.667	225	60109m	0.480	ppbv		
79) Naphthalene	21.429	128	82599m	0.353	ppbv		
80) Naphthalene,2-methyl-	24.413	142	13912m	0.148	ppbv		
81) 1,2,4-Trichlorobenzene	21.175	180	43698m	0.354	ppbv		

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

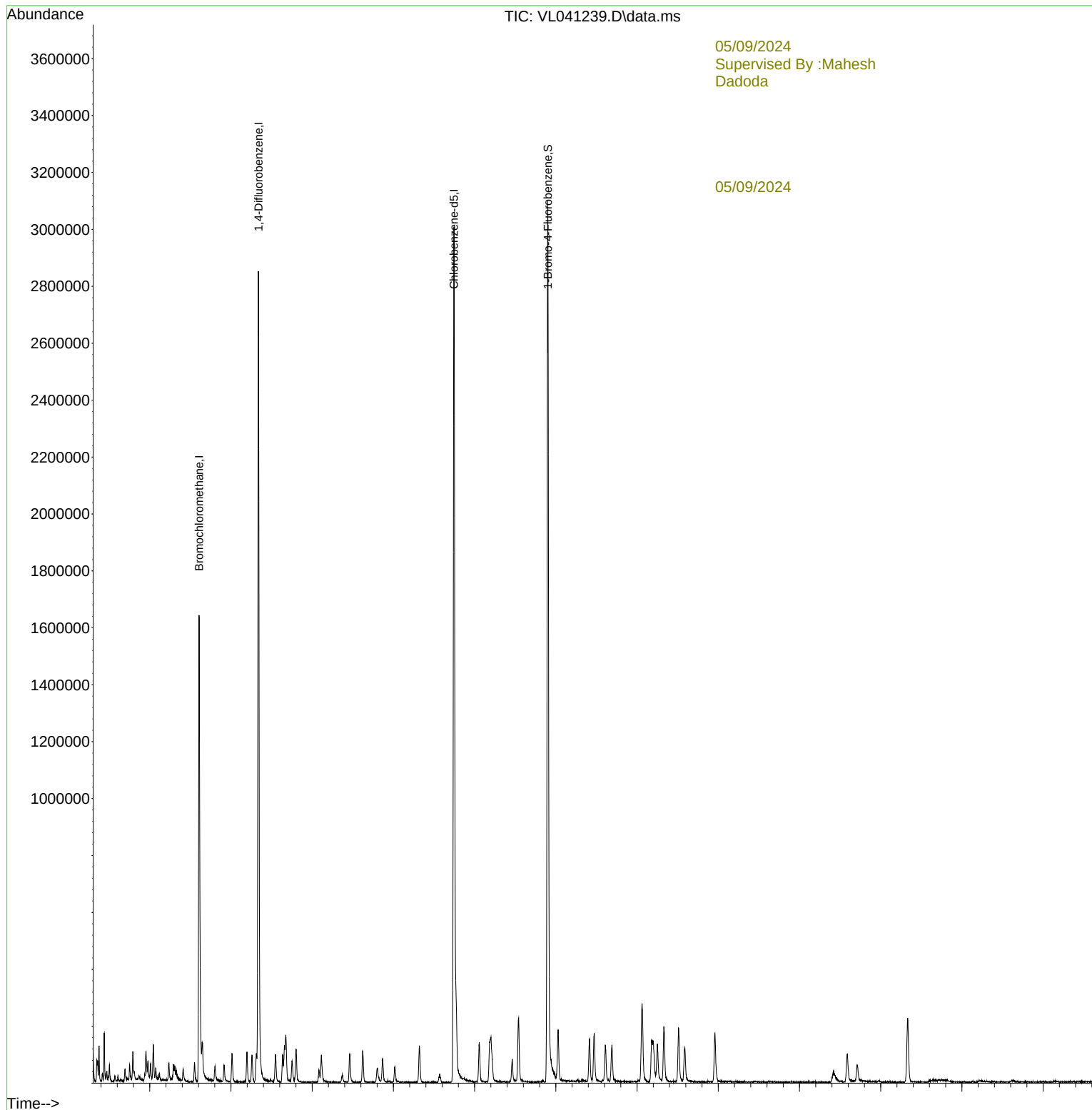
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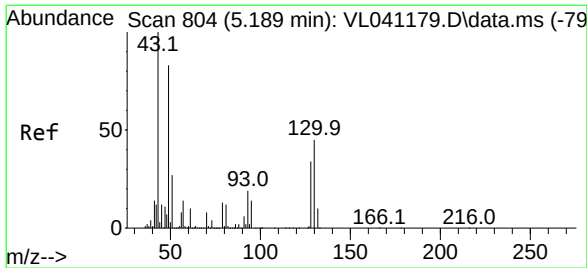
Instrument :
MSVOA_L
ClientSampleId :
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QLast Update : Thu May 09 02:43:03 2024
Response via : Initial Calibration

Manual Integrations
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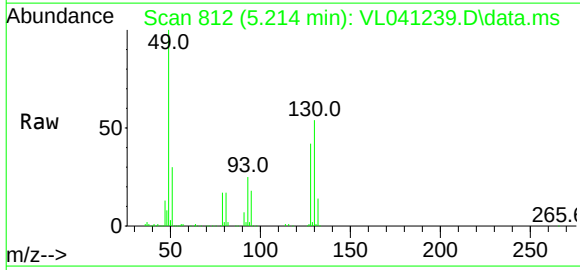
Reviewed By : Semsettin
Yesilyurt





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

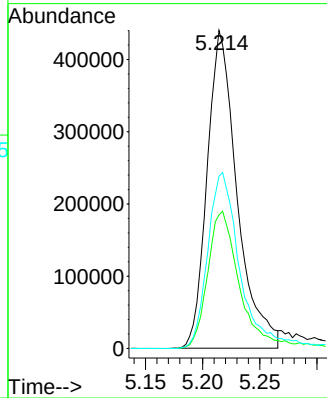
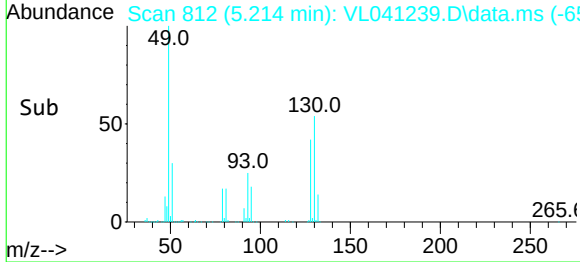
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 49 Resp: 801683
Ion Ratio Lower Upper
49 100
128 48.2 21.5 64.5
130 61.2 27.2 81.6

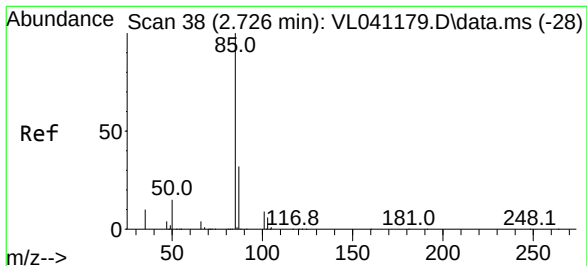
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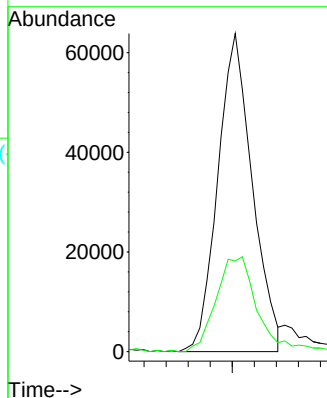
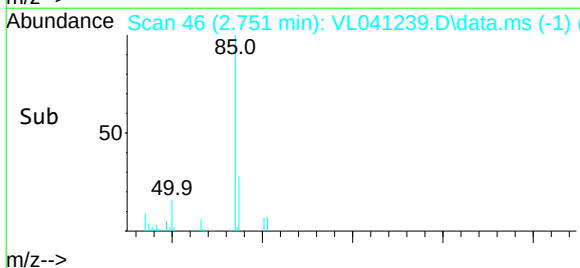
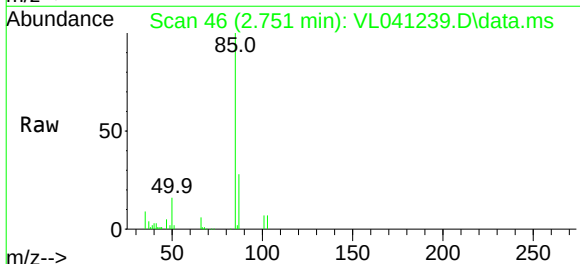
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Dadoda

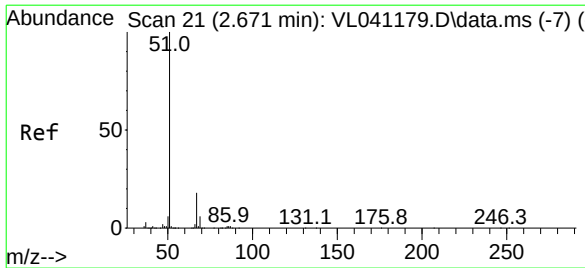
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#2
Dichlorodifluoromethane
Concen: 0.640 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 85 Resp: 69372
Ion Ratio Lower Upper
85 100
87 28.5 25.7 38.5





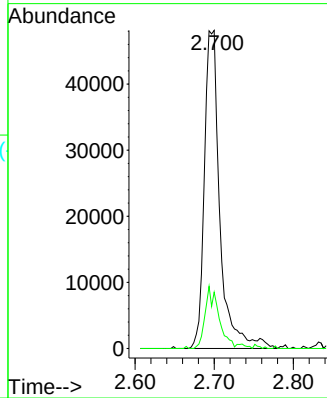
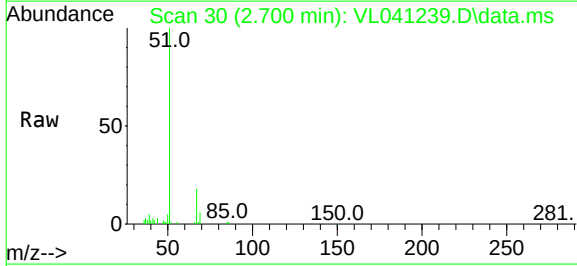
#3
Chlorodifluoromethane
Concen: 0.539 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion: 51 Resp: 65666
Ion Ratio Lower Upper
51 100
67 18.5 14.0 21.0

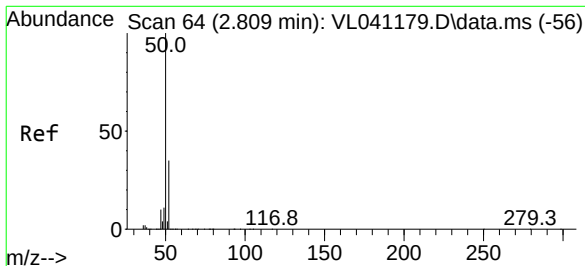
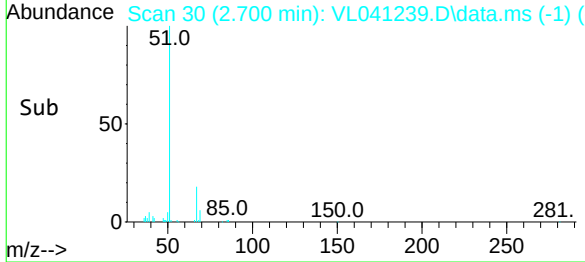
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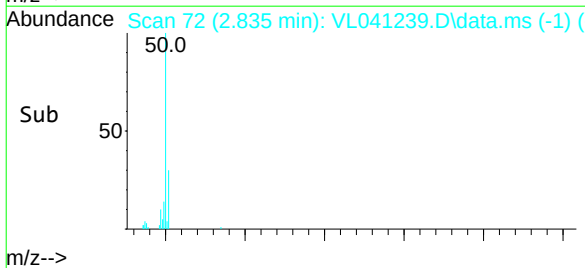
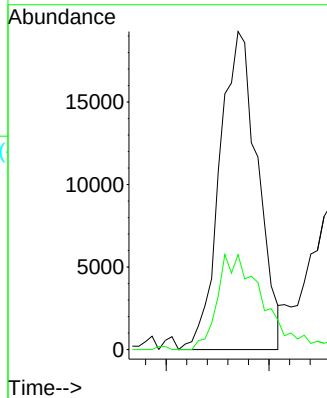
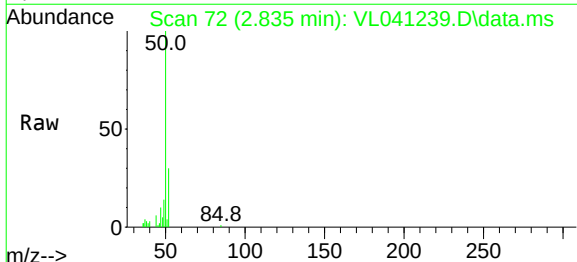
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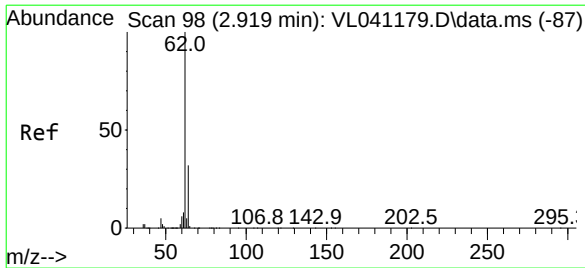
05/09/2024



#4
Chloromethane
Concen: 0.516 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 50 Resp: 24673
Ion Ratio Lower Upper
50 100
52 29.8 28.3 42.5





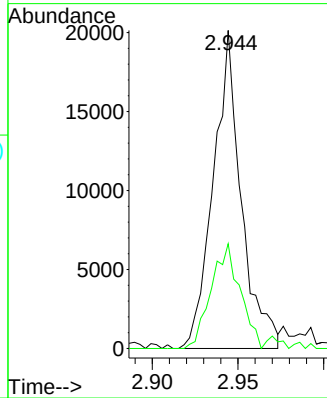
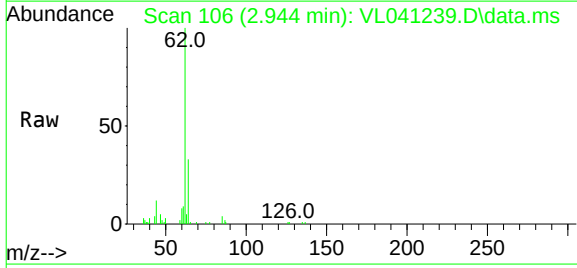
#5
Vinyl Chloride
Concen: 0.475 ppbv
RT: 2.944 min Scan# 106
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion: 62 Resp: 22800
Ion Ratio Lower Upper
62 100
64 32.9 25.7 38.5

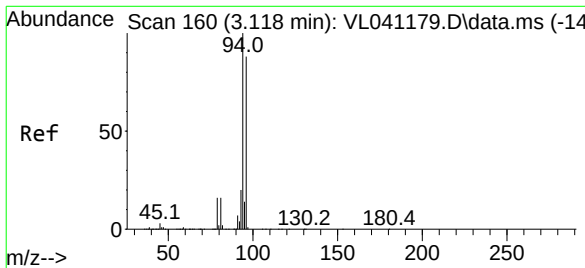
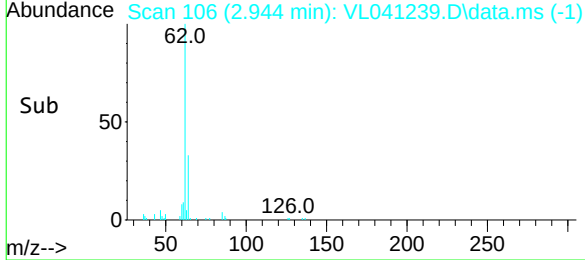
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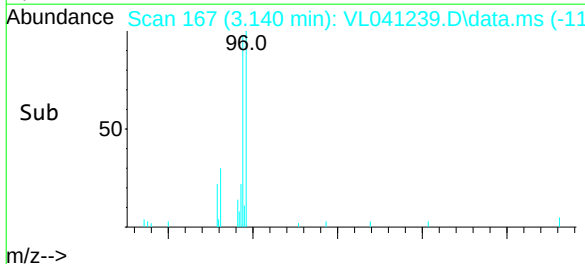
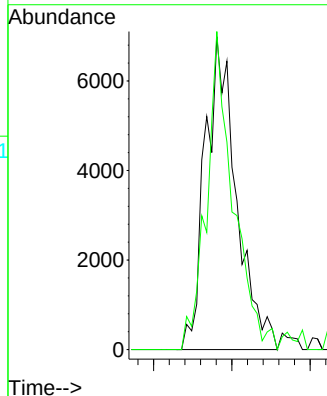
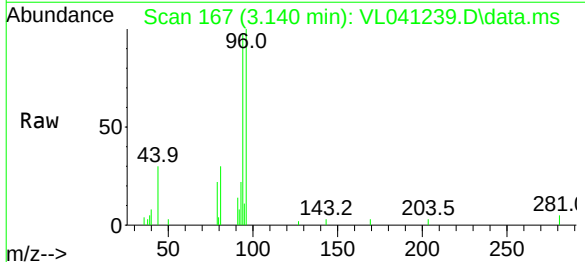
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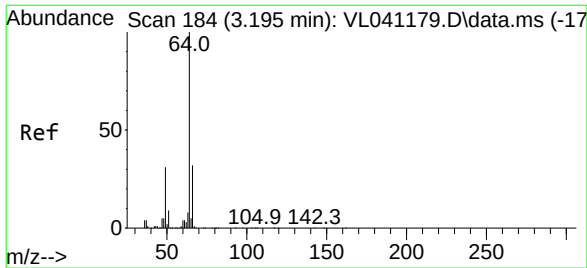
05/09/2024



#6
Bromomethane
Concen: 0.554 ppbv m
RT: 3.140 min Scan# 167
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

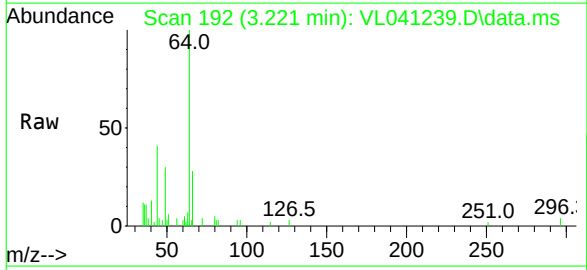
Tgt Ion: 94 Resp: 9699
Ion Ratio Lower Upper
94 100
96 101.6 70.1 105.1





#7
Chloroethane
Concen: 0.530 ppbv
RT: 3.221 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

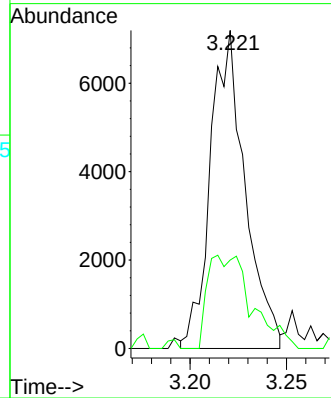
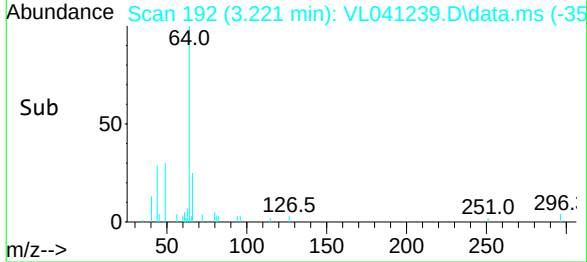
Instrument :
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Tgt Ion: 64 Resp: 8982
Ion Ratio Lower Upper
64 100
66 27.8 25.4 38.2

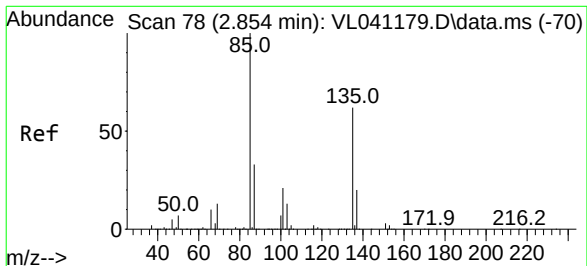
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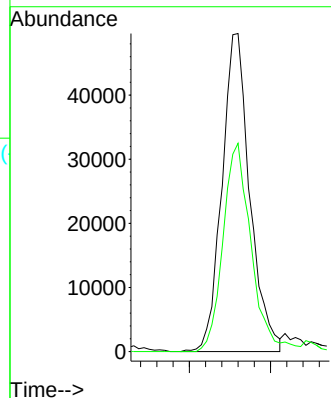
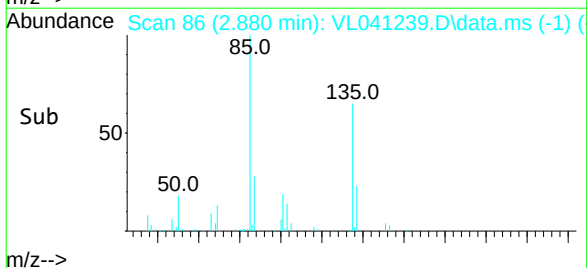
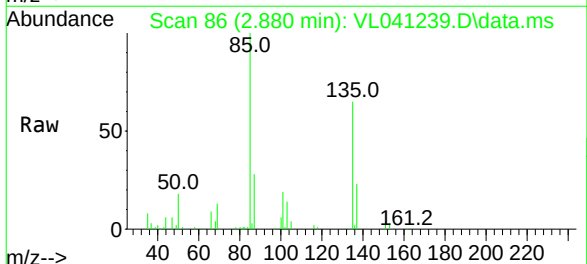
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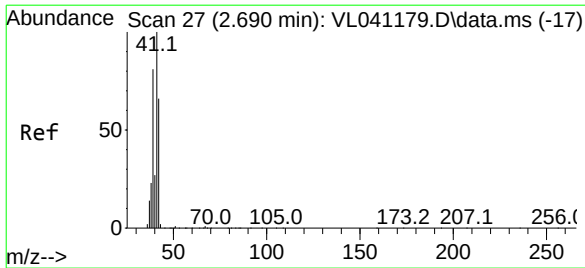
05/09/2024



#8
Dichlorotetrafluoroethane
Concen: 0.526 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 85 Resp: 59079
Ion Ratio Lower Upper
85 100
135 68.6 51.5 77.3





#9

Propene

Concen: 0.487 ppbv

RT: 2.716 min Scan# 35

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 41 Resp: 23211

Ion Ratio Lower Upper

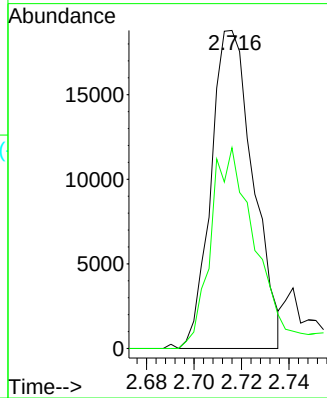
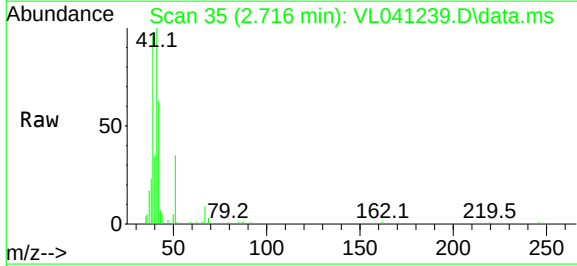
41 100

42 72.2 55.3 82.9

Manual Integrations

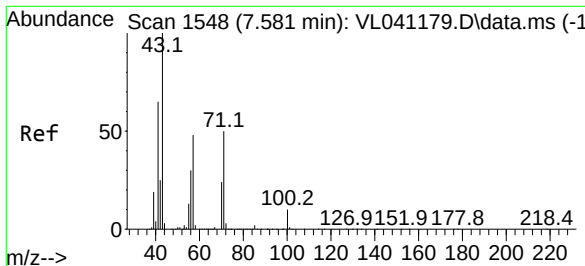
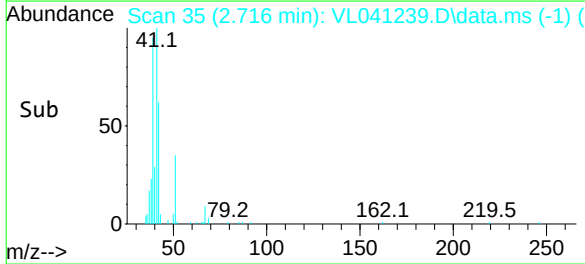
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Dadoda

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#10

Heptane

Concen: 0.419 ppbv

RT: 7.606 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VL041239.D

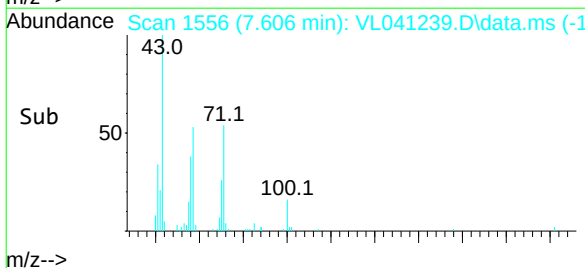
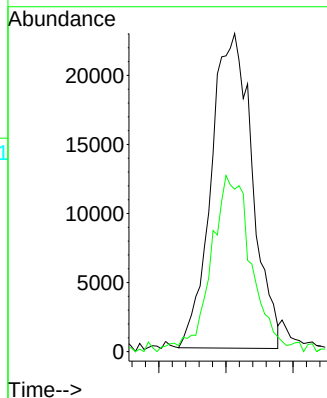
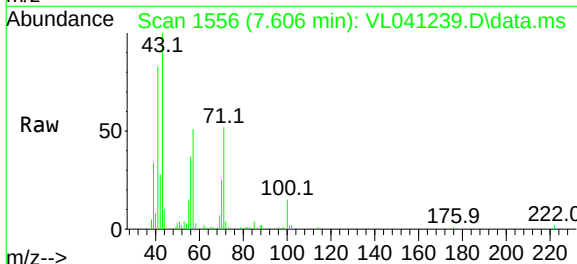
Acq: 8 May 2024 11:56

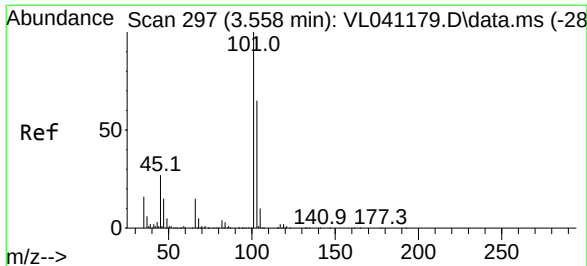
Tgt Ion: 43 Resp: 48360

Ion Ratio Lower Upper

43 100

57 56.7 38.7 58.1





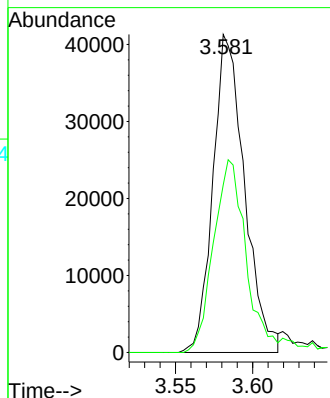
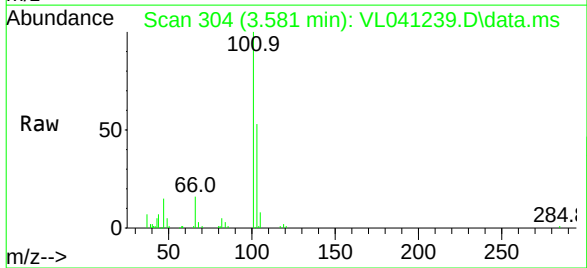
#11
Trichlorofluoromethane
Concen: 0.532 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.000 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion:101 Resp: 58578
Ion Ratio Lower Upper
101 100
103 52.7 51.6 77.4

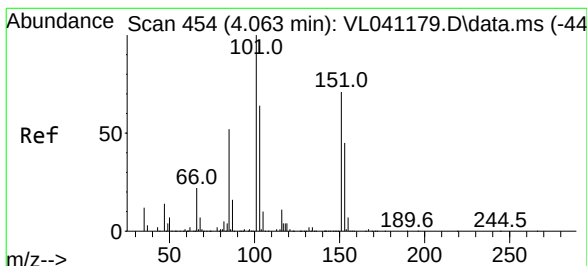
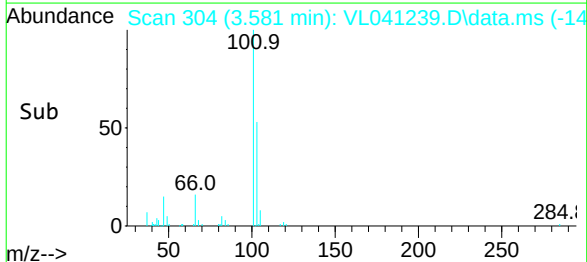
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



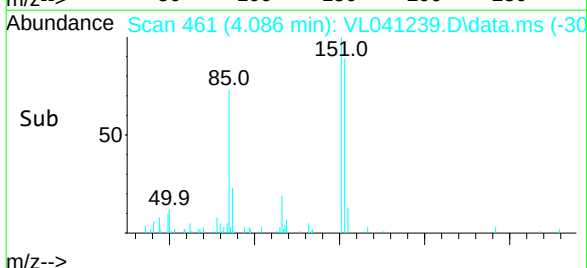
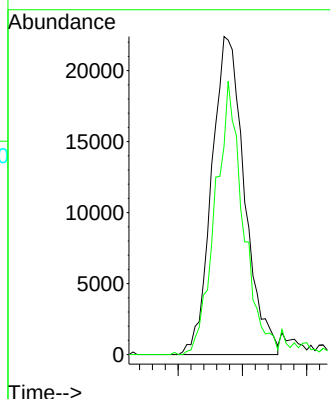
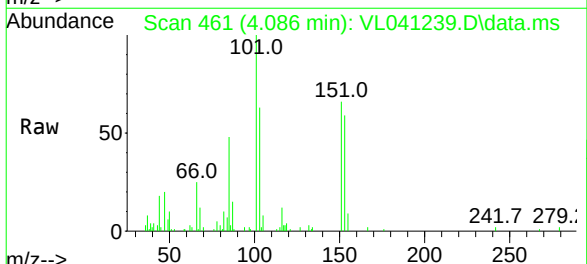
05/09/2024
Supervised By :Mahesh
Dadoda

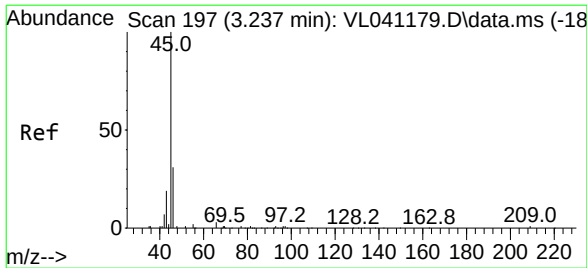
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#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.488 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

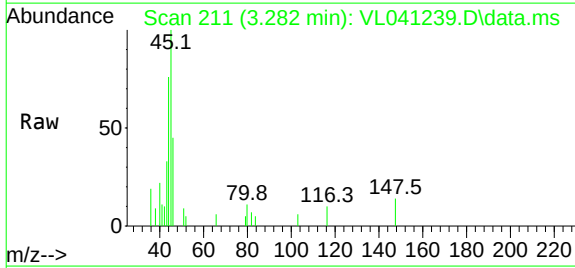
Tgt Ion:101 Resp: 39733
Ion Ratio Lower Upper
101 100
151 77.4 56.8 85.2





#13
Ethanol
Concen: 0.477 ppbv
RT: 3.282 min Scan# 211
Delta R.T. 0.026 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

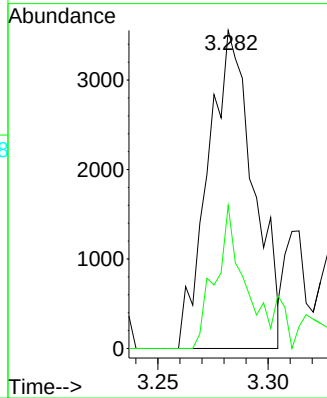
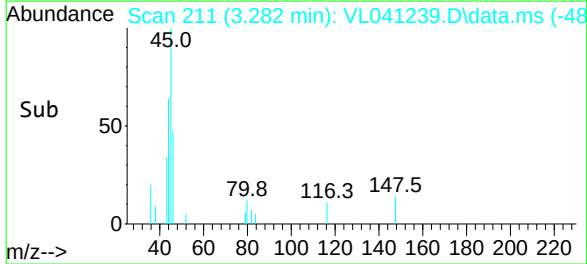
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 45 Resp: 5100
Ion Ratio Lower Upper
45 100
46 38.2 14.8 59.0

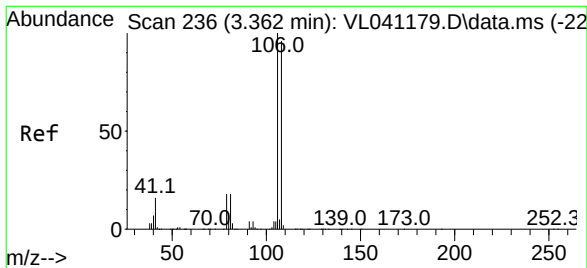
Manual Integrations
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Yesilyurt

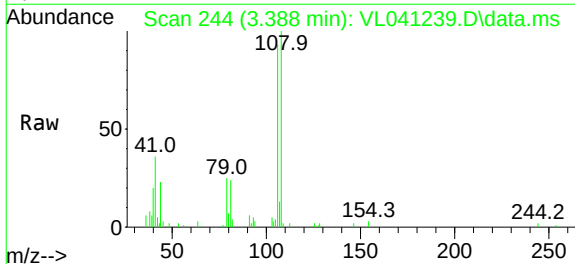


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Supervised By :Mahesh
Dadoda

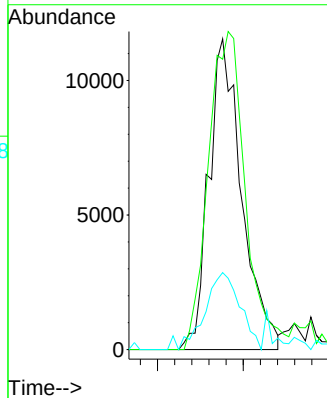
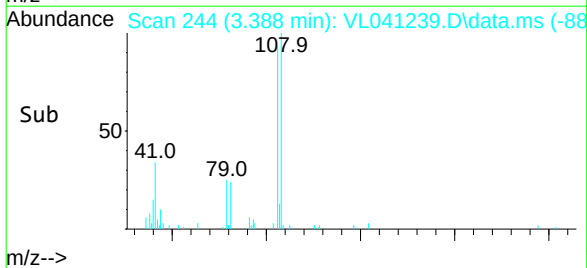
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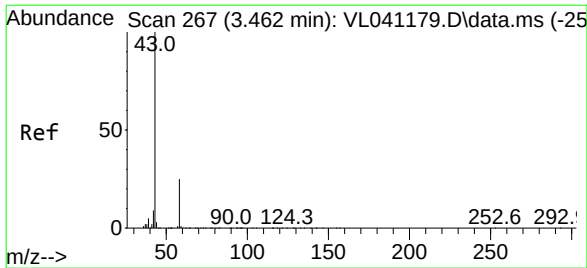


#14
Bromoethene
Concen: 0.457 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56



Tgt Ion:108 Resp: 15362
Ion Ratio Lower Upper
108 100
106 123.9 88.2 132.4
79 32.5 17.4 26.0#





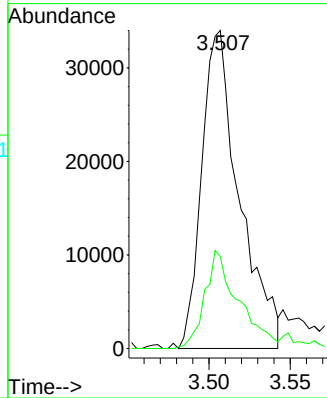
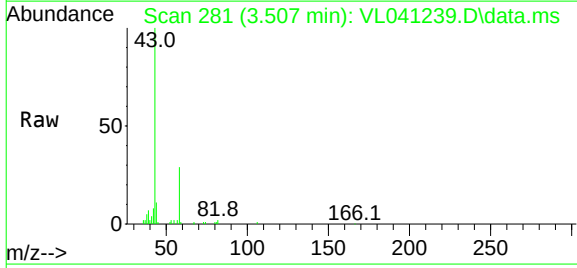
#15
Acetone
Concen: 0.578 ppbv
RT: 3.507 min Scan# 28
Delta R.T. 0.022 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion: 43 Resp: 54710
Ion Ratio Lower Upper
43 100
58 30.9 21.4 32.0

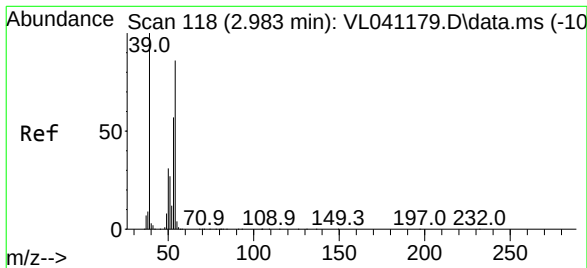
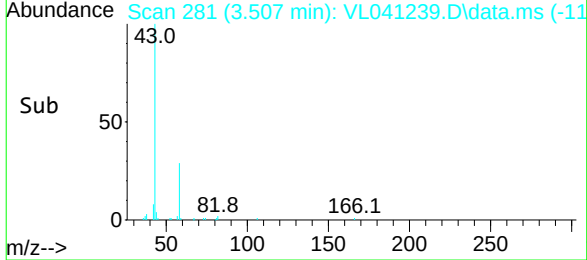
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Yesilyurt



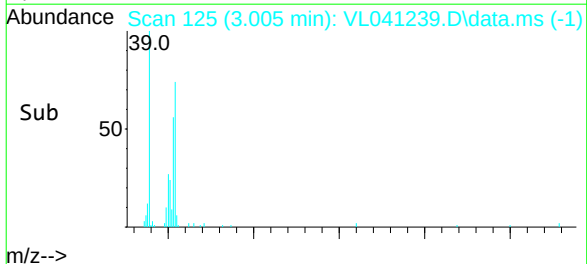
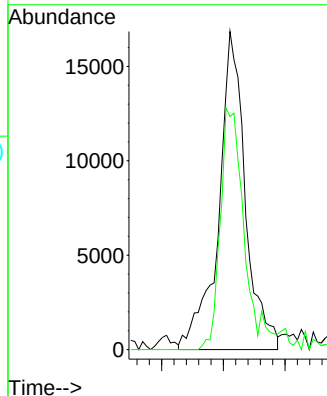
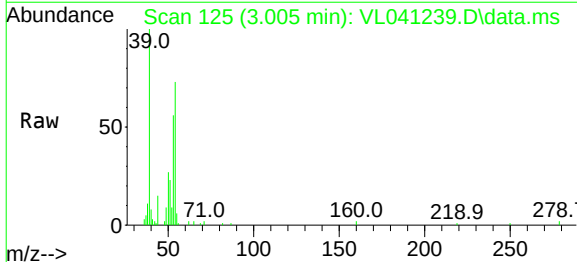
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Supervised By :Mahesh
Dadoda

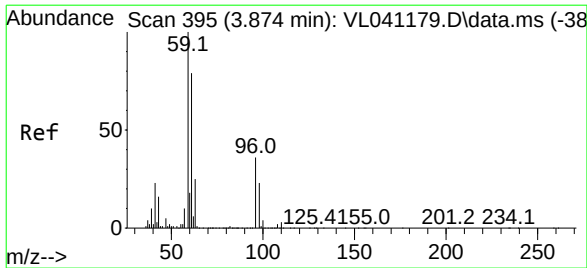
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#16
1,3-Butadiene
Concen: 0.533 ppbv m
RT: 3.005 min Scan# 125
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 39 Resp: 25458
Ion Ratio Lower Upper
39 100
54 72.3 62.2 93.4





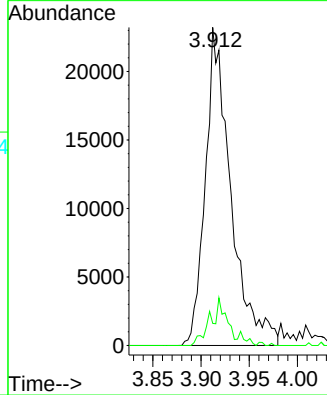
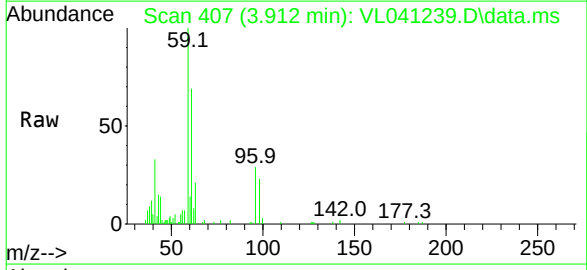
#17
tert-Butyl alcohol
Concen: 0.418 ppbv m
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion: 59 Resp: 42643
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6

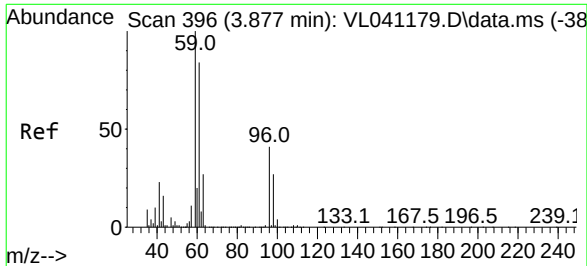
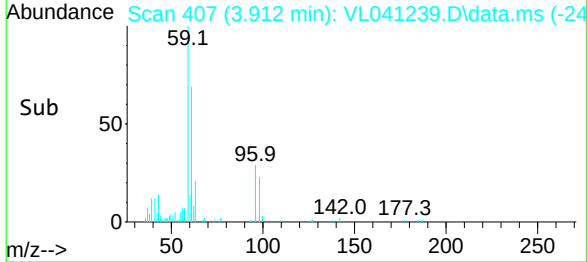
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Reviewed By :Semsettin
Yesilyurt



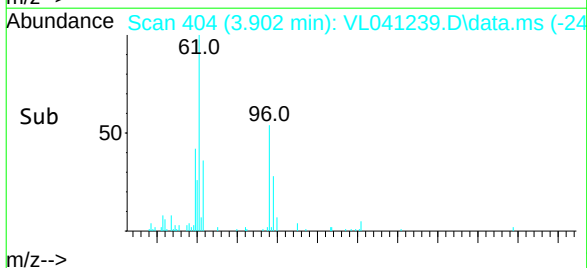
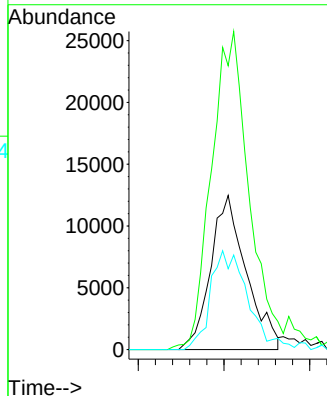
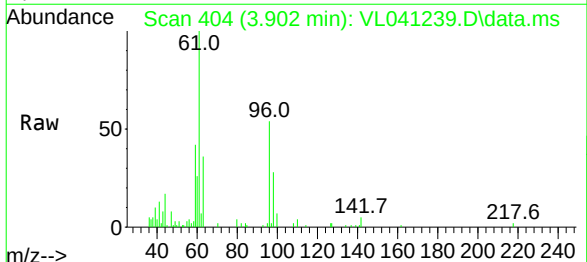
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Supervised By :Mahesh
Dadoda

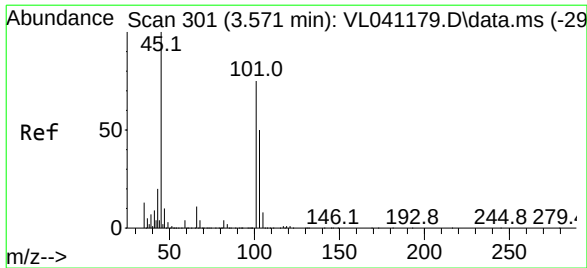
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#18
1,1-Dichloroethene
Concen: 0.495 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

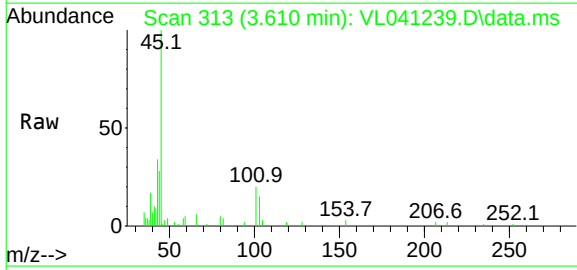
Tgt Ion: 96 Resp: 17978
Ion Ratio Lower Upper
96 100
61 181.1 164.4 246.6
98 52.5 51.8 77.8





#19
Isopropyl Alcohol
Concen: 0.474 ppbv m
RT: 3.610 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

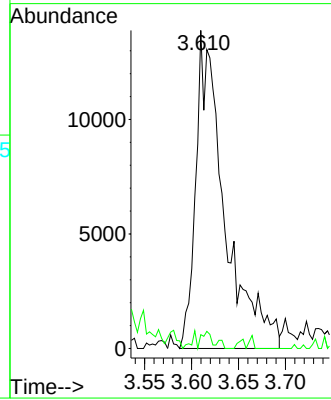
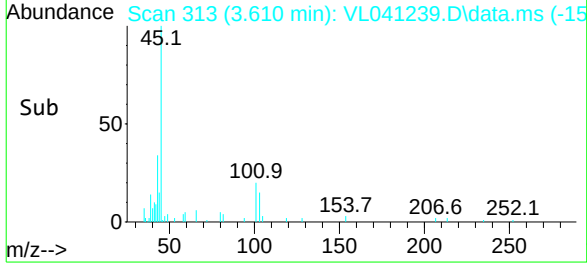
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 45 Resp: 29404
Ion Ratio Lower Upper
45 100
58 3.1 26.8 40.2#

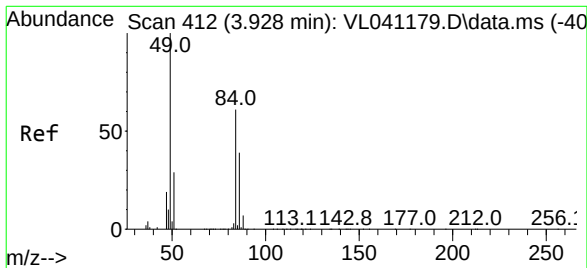
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Yesilyurt

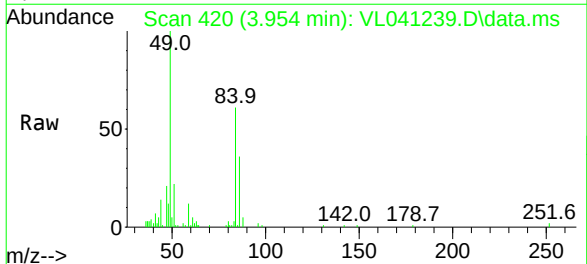


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Supervised By :Mahesh
Dadoda

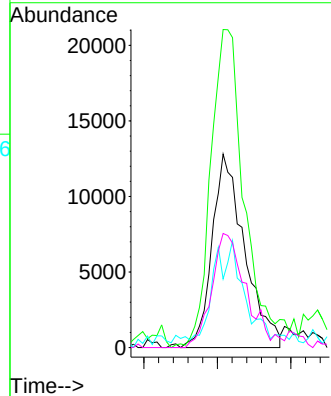
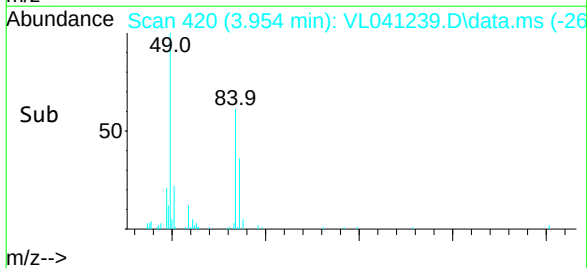
05/09/2024

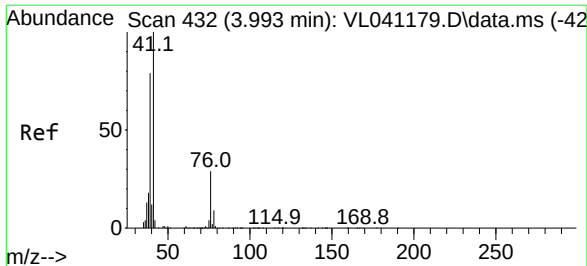


#20
Methylene Chloride
Concen: 0.600 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56



Tgt Ion: 84 Resp: 19749
Ion Ratio Lower Upper
84 100
49 162.5 130.4 195.6
51 30.7 38.0 57.0#
86 59.0 50.3 75.5





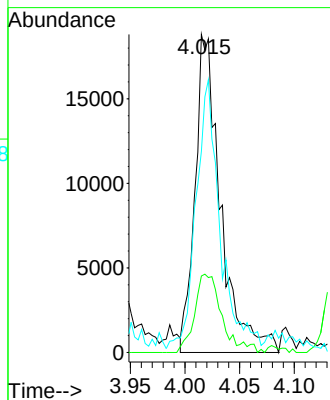
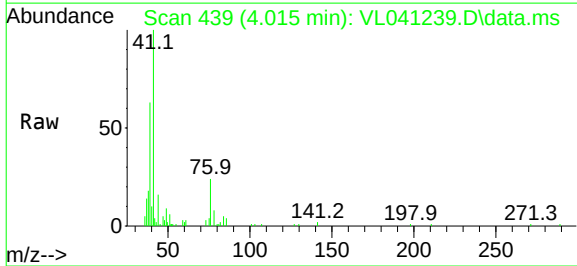
#21
 Allyl Chloride
 Concen: 0.496 ppbv m
 RT: 4.015 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VL041239.D
 Acq: 8 May 2024 11:56

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

Tgt Ion: 41 Resp: 30582
 Ion Ratio Lower Upper
 41 100
 76 26.0 23.7 35.5
 39 88.4 64.7 97.1

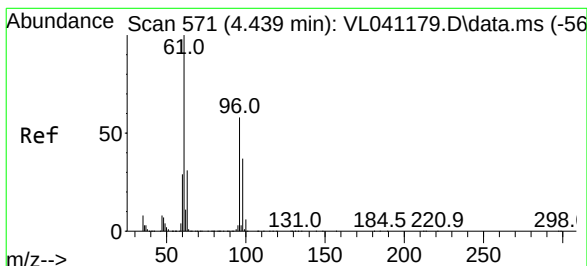
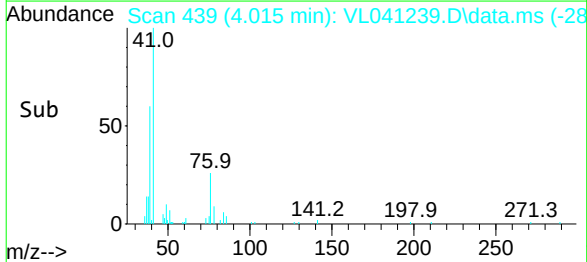
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 Yesilyurt



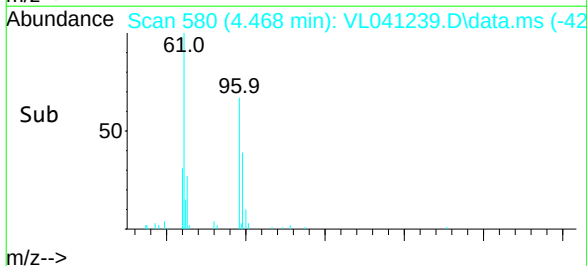
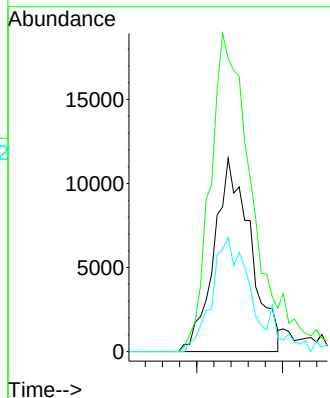
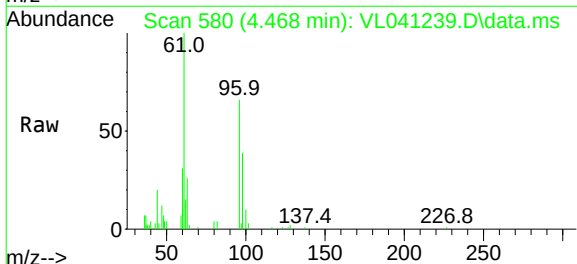
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 Dadoda

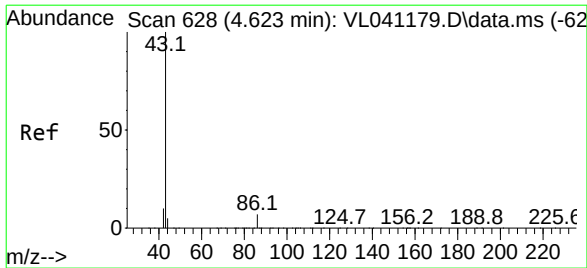
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#22
 trans-1,2-Dichloroethene
 Concen: 0.452 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: VL041239.D
 Acq: 8 May 2024 11:56

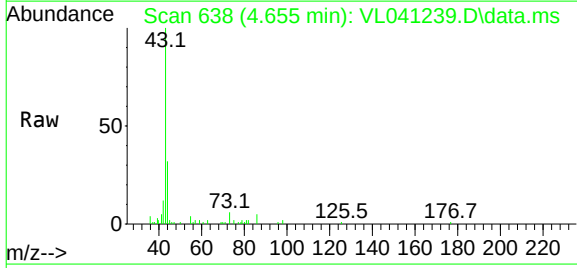
Tgt Ion: 96 Resp: 17089
 Ion Ratio Lower Upper
 96 100
 61 151.6 137.6 206.4
 98 59.0 50.6 76.0





#23
 Vinyl Acetate
 Concen: 0.416 ppbv m
 RT: 4.655 min Scan# 63
 Delta R.T. 0.010 min
 Lab File: VL041239.D
 Acq: 8 May 2024 11:56

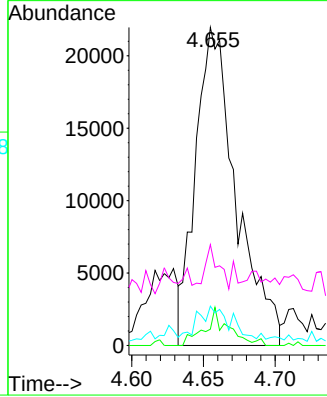
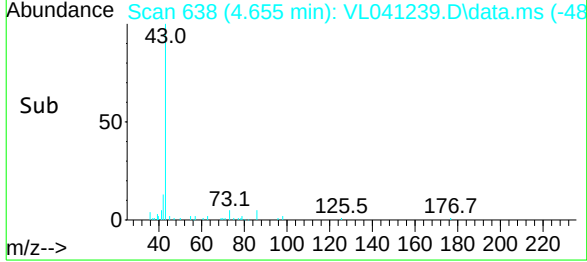
Instrument : MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 43	Resp: 43344
Ion Ratio	Lower Upper
43	100
86	5.1 4.9 7.3
42	12.4 8.0 12.0#
44	31.7 3.7 5.5#

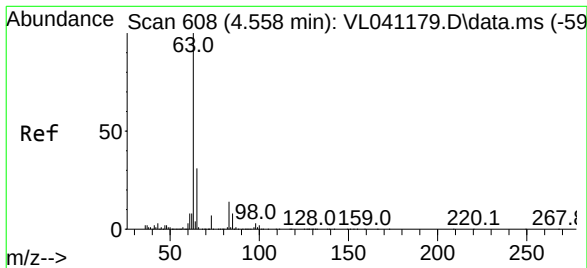
Manual Integrations
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 Yesilyurt

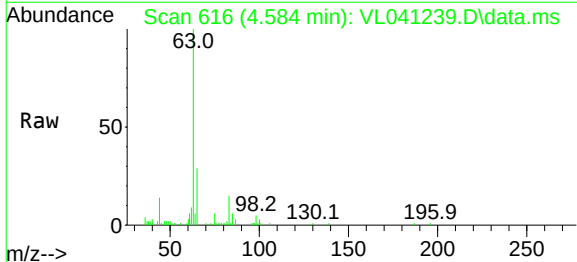


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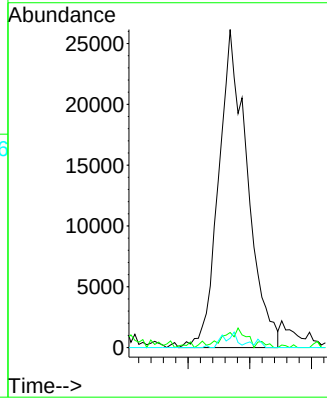
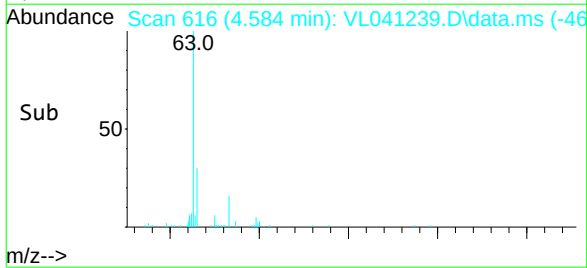
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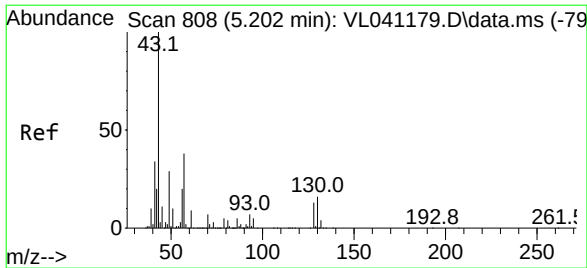


#24
 1,1-Dichloroethane
 Concen: 0.521 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VL041239.D
 Acq: 8 May 2024 11:56



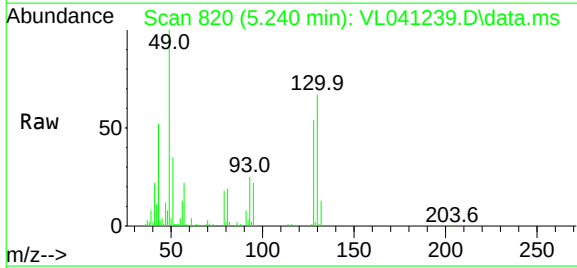
Tgt Ion: 63	Resp: 42182
Ion Ratio	Lower Upper
63	100
98	4.7 1.6 4.8
100	2.9 1.1 3.5





#25
Ethyl Acetate
Concen: 0.426 ppbv
RT: 5.240 min Scan# 82
Delta R.T. 0.019 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

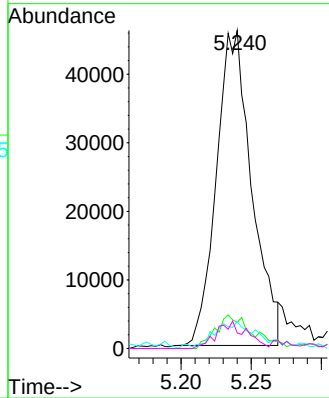
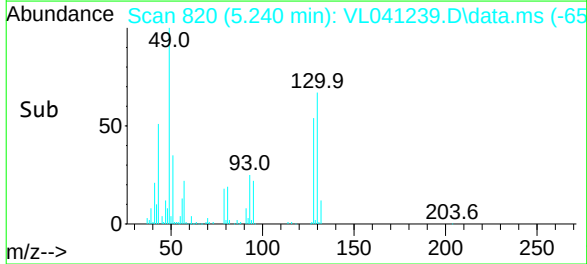
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 43 Resp: 80493
Ion Ratio Lower Upper
43 100
45 12.3 8.2 12.2#
61 11.9 7.7 11.5#
70 8.5 5.8 8.6

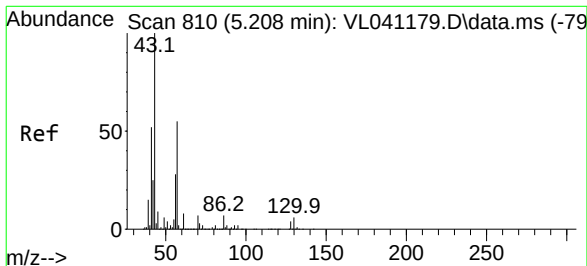
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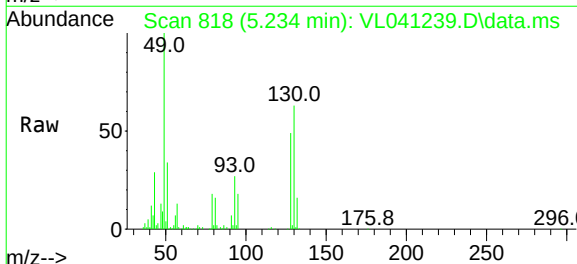


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Supervised By :Mahesh
Dadoda

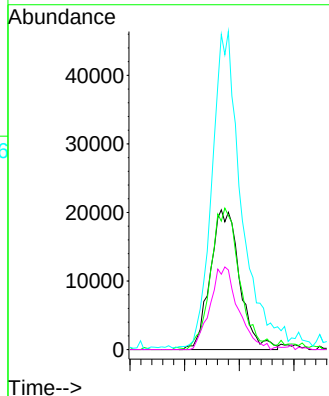
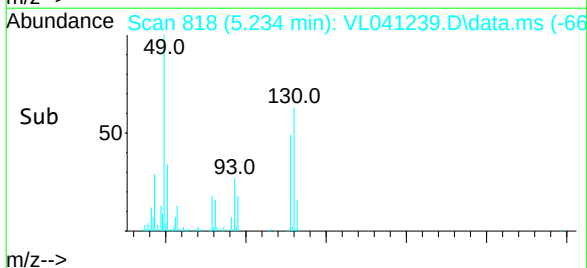
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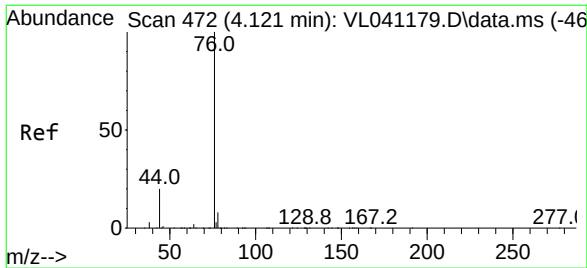


#26
Hexane
Concen: 0.452 ppbv m
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56



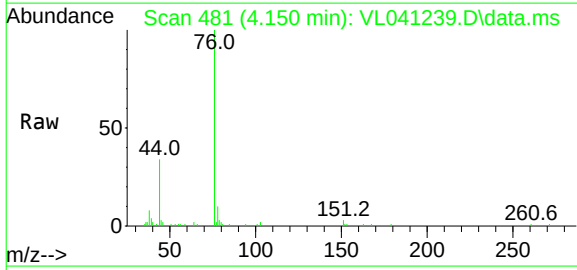
Tgt Ion: 57 Resp: 38109
Ion Ratio Lower Upper
57 100
41 0.0 75.8 113.8#
43 0.0 187.0 280.4#
56 0.0 42.7 64.1#





#27
Carbon Disulfide
Concen: 0.426 ppbv
RT: 4.150 min Scan# 481
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

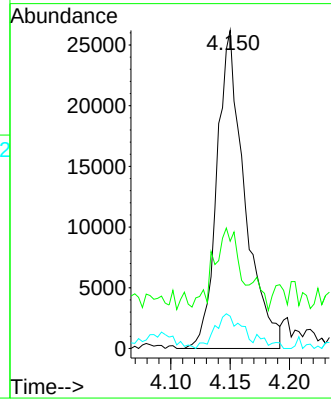
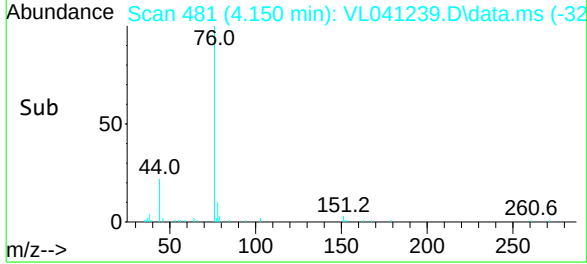
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 76 Resp: 42510
Ion Ratio Lower Upper
76 100
44 30.0 16.3 24.5#
78 13.0 7.3 10.9#

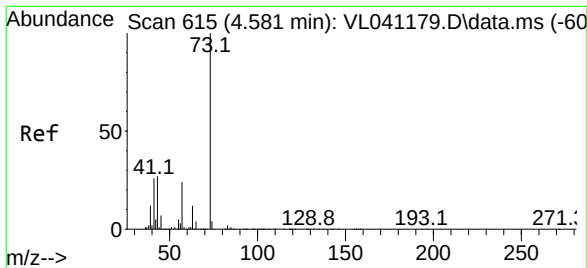
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



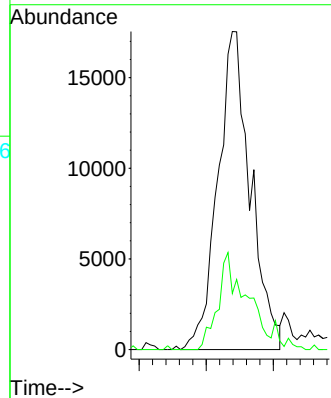
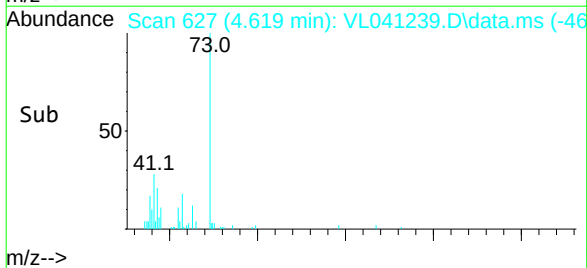
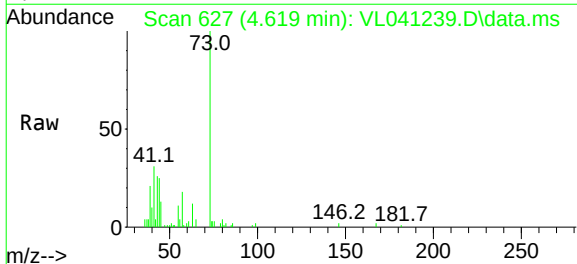
05/09/2024
Supervised By :Mahesh
Dadoda

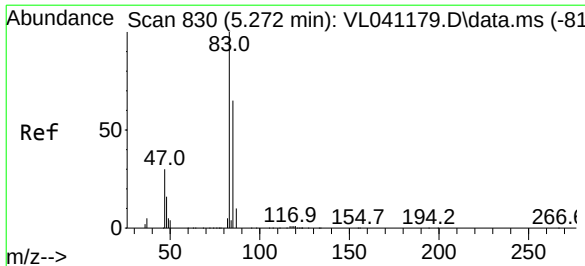
05/09/2024



#28
Methyl tert-Butyl Ether
Concen: 0.441 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.016 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 73 Resp: 29579
Ion Ratio Lower Upper
73 100
57 28.8 18.8 28.2#





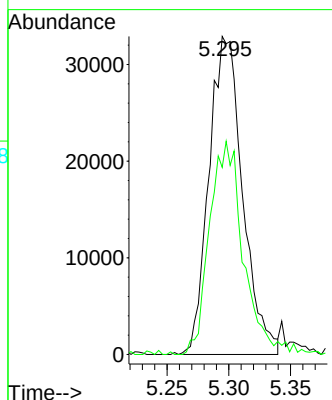
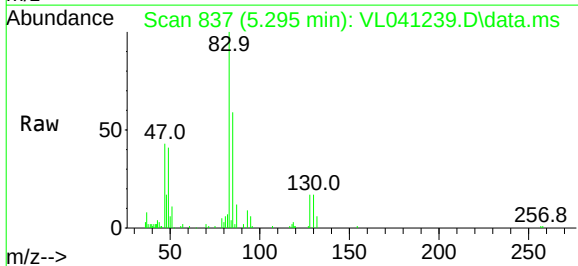
#29
Chloroform
Concen: 0.537 ppbv
RT: 5.295 min Scan# 83
Delta R.T. -0.000 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion: 83 Resp: 62456
Ion Ratio Lower Upper
83 100
85 58.8 51.7 77.5

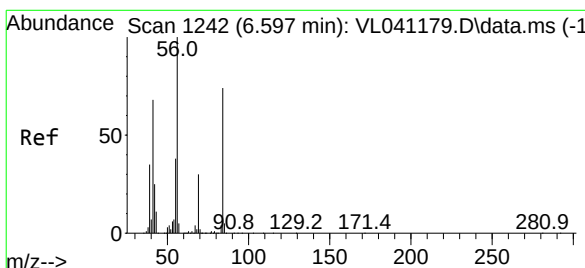
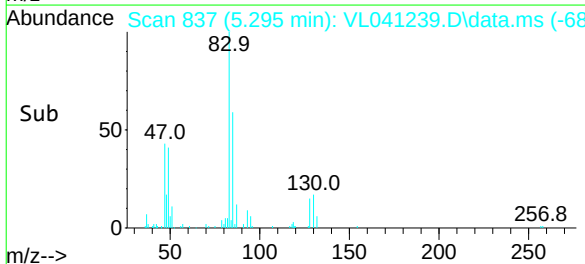
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Reviewed By :Semsettin
Yesilyurt



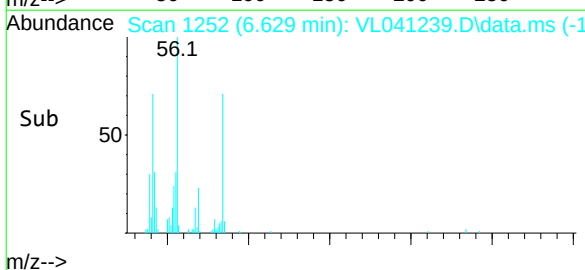
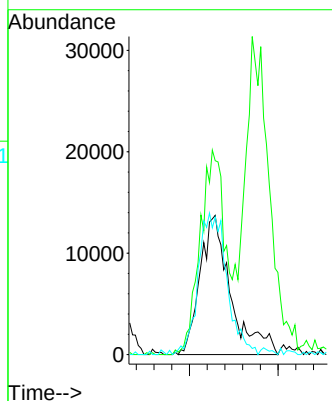
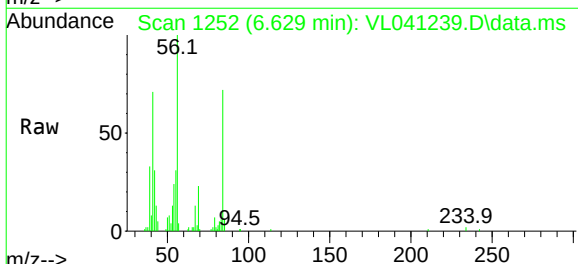
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Supervised By :Mahesh
Dadoda

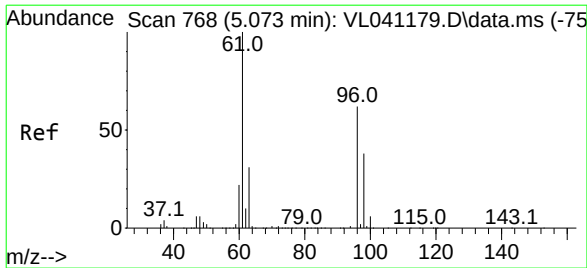
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#30
Cyclohexane
Concen: 0.495 ppbv m
RT: 6.629 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 84 Resp: 33021
Ion Ratio Lower Upper
84 100
56 118.5 116.8 175.2
41 97.2 73.8 110.8





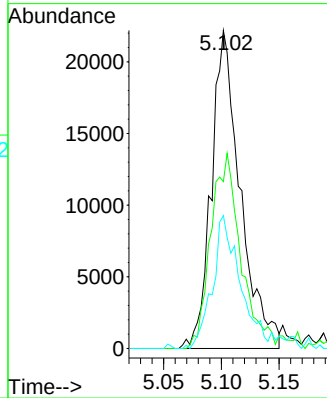
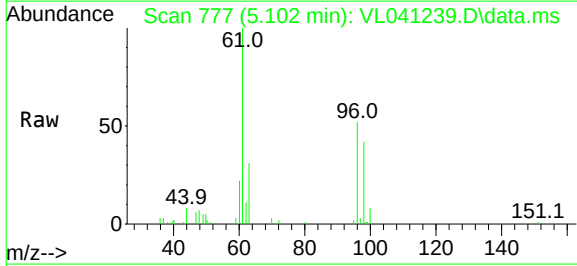
#31
cis-1,2-Dichloroethene
Concen: 0.490 ppbv m
RT: 5.102 min Scan# 77
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion	Ratio	Lower	Upper
61	100		
96	52.5	49.8	74.6
98	41.8	30.0	45.0

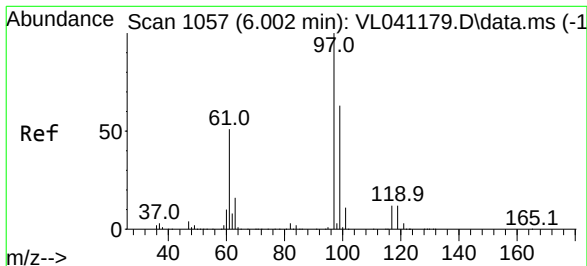
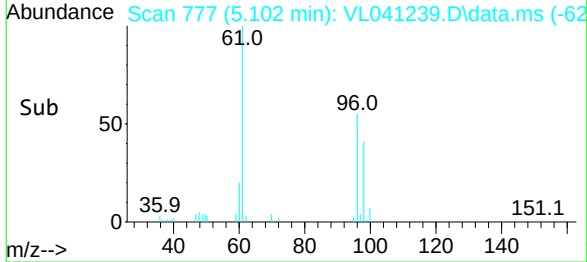
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



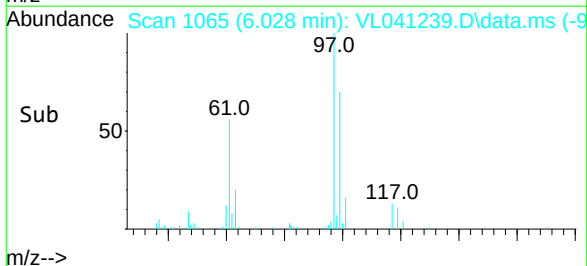
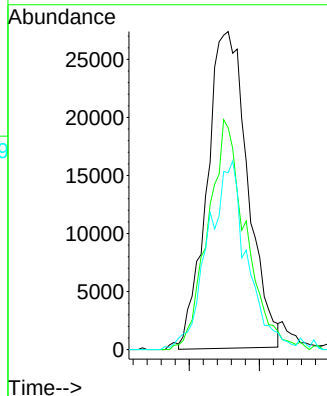
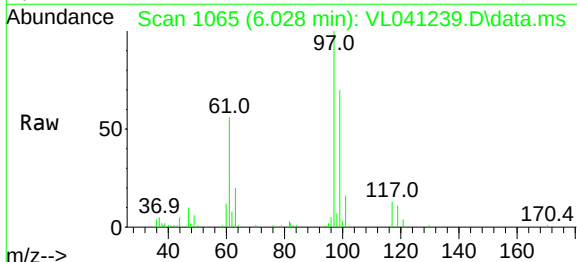
05/09/2024
Supervised By :Mahesh
Dadoda

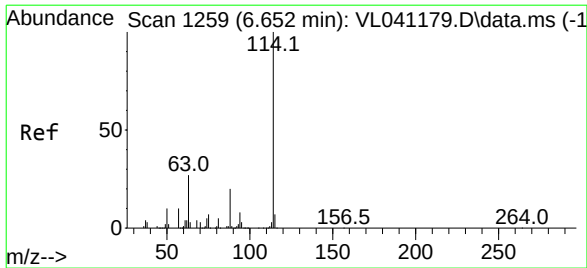
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#32
1,1,1-Trichloroethane
Concen: 0.475 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

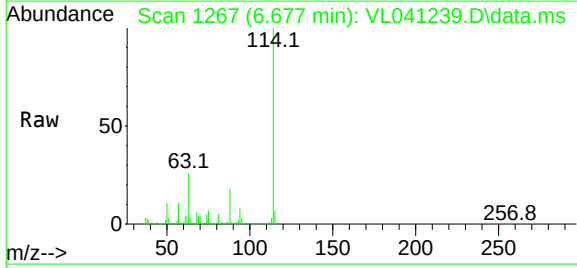
Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.7	51.7	77.5
61	58.0	41.1	61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

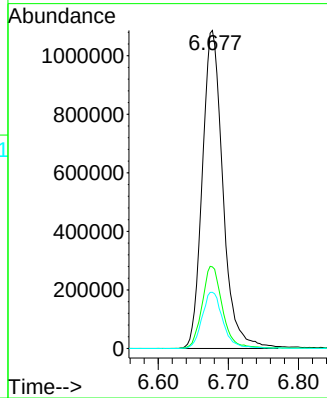
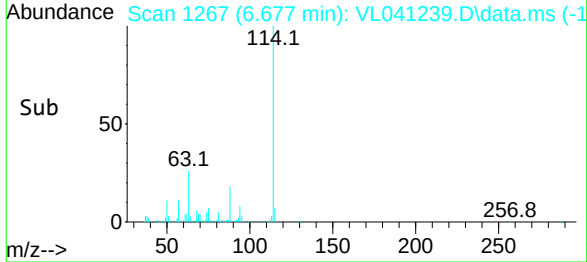
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 114 Resp: 2212838
Ion Ratio Lower Upper
114 100
63 25.8 21.8 32.6
88 18.1 15.2 22.8

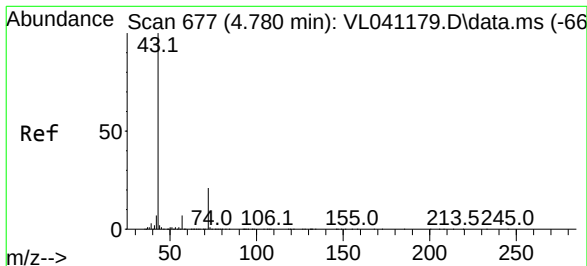
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Reviewed By :Semsettin
Yesilyurt

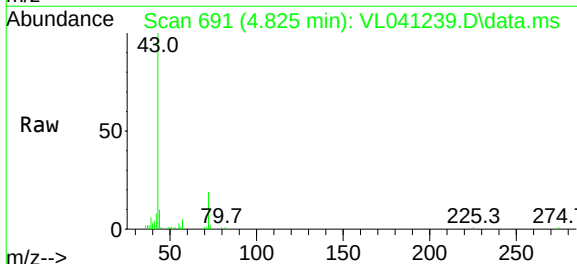


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Supervised By :Mahesh
Dadoda

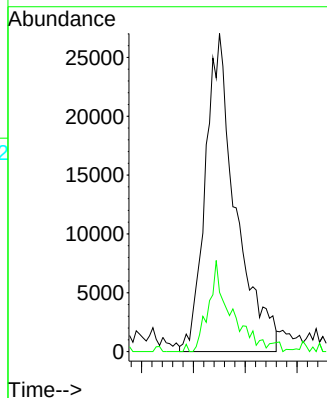
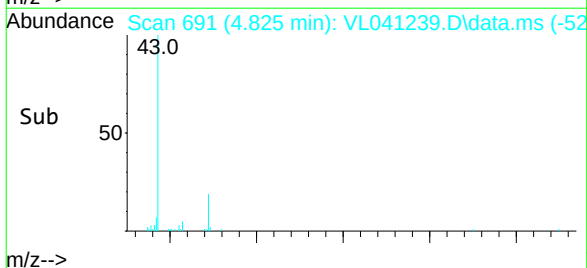
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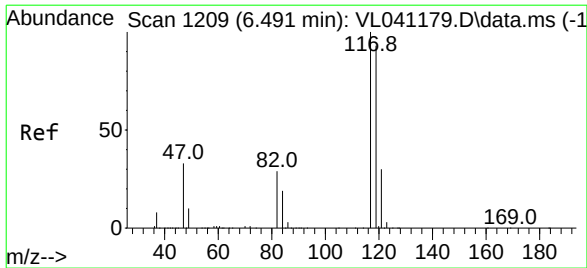


#34
2-Butanone
Concen: 0.489 ppbv m
RT: 4.825 min Scan# 691
Delta R.T. 0.022 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56



Tgt Ion: 43 Resp: 55030
Ion Ratio Lower Upper
43 100
72 22.6 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.436 ppbv

RT: 6.516 min Scan# 12

Delta R.T. 0.003 min

Lab File: VL041239.D

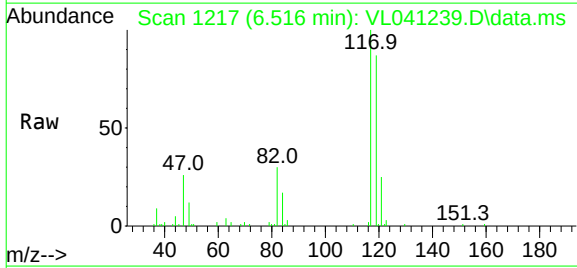
Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

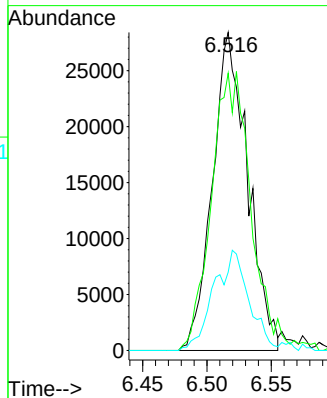
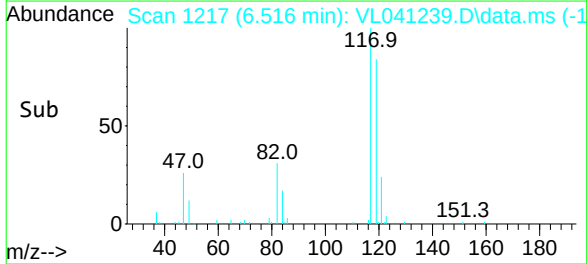
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	117	Resp:	54161
Ion	Ratio	Lower	Upper
117	100		
119	87.2	74.3	111.5
121	24.6	23.8	35.8

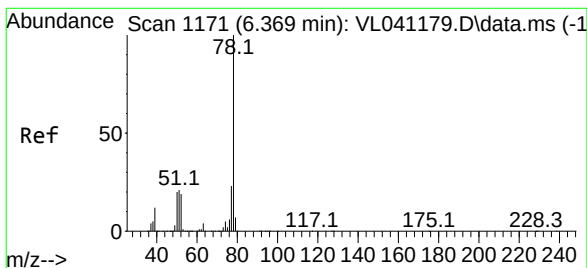
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Dadoda

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#36

Benzene

Concen: 0.432 ppbv

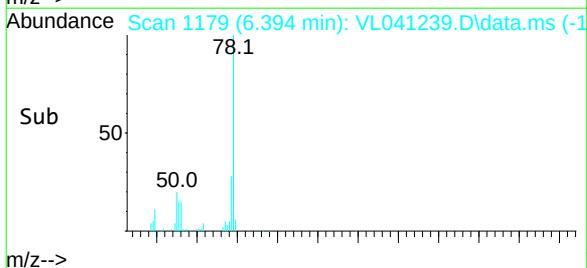
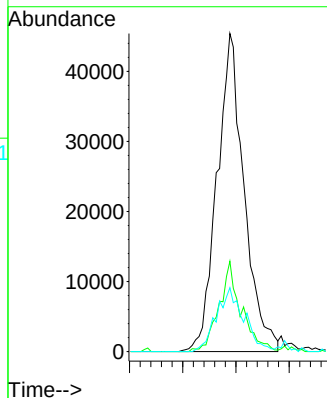
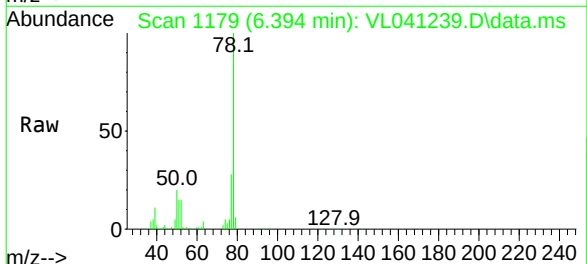
RT: 6.394 min Scan# 1179

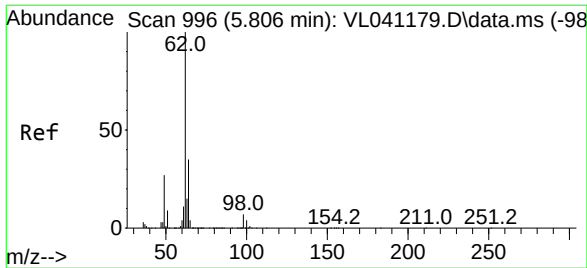
Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Tgt Ion:	78	Resp:	80294
Ion	Ratio	Lower	Upper
78	100		
77	28.4	18.3	27.5#
50	20.1	15.9	23.9





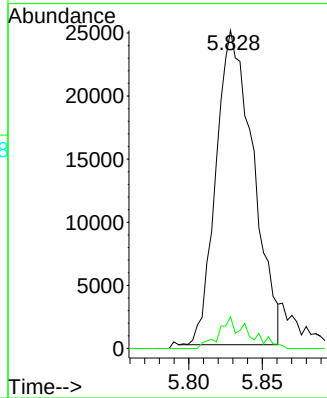
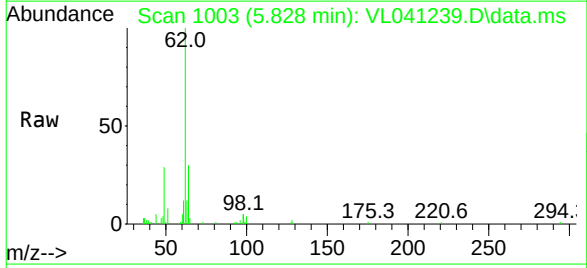
#37
1,2-Dichloroethane
Concen: 0.452 ppbv
RT: 5.828 min Scan# 10
Delta R.T. -0.000 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion: 62 Resp: 43808
Ion Ratio Lower Upper
62 100
98 8.0 5.0 7.4#

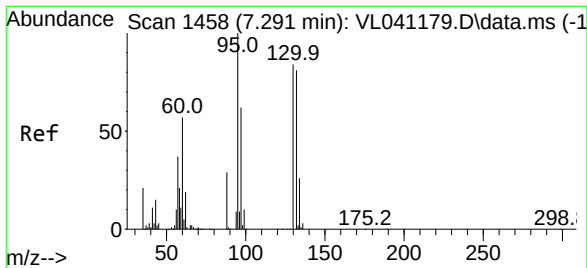
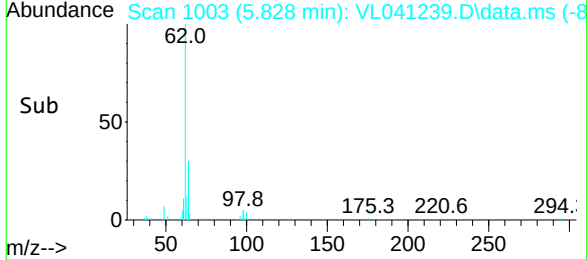
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



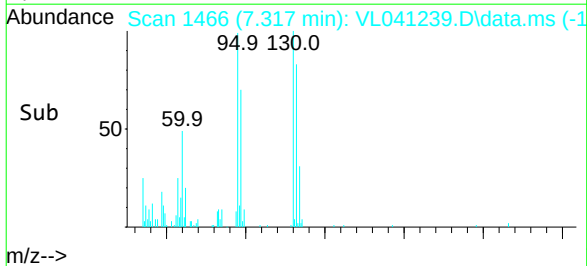
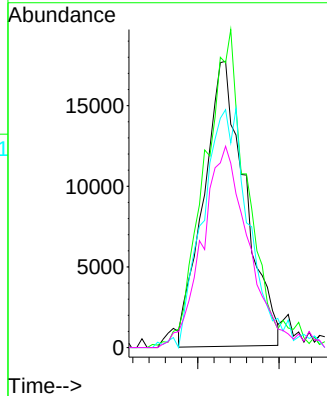
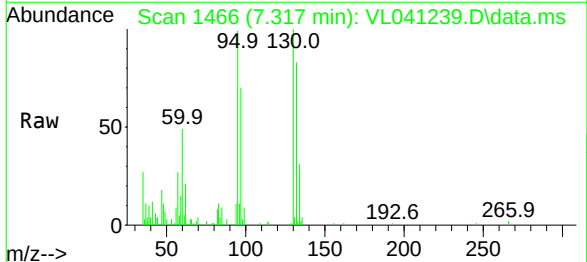
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Supervised By :Mahesh
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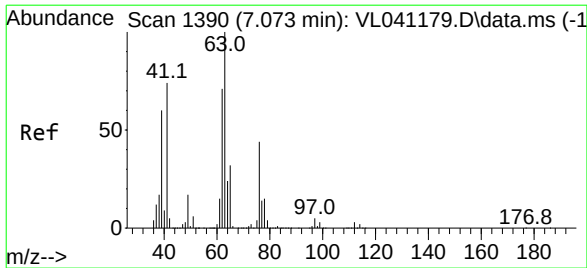
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#38
Trichloroethene
Concen: 0.454 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

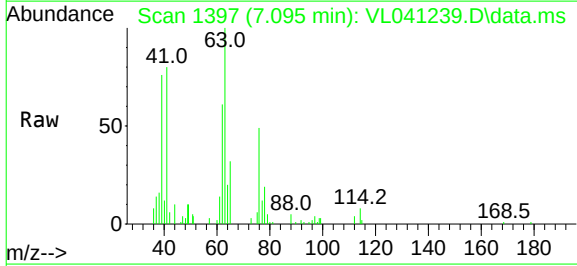
Tgt Ion:130 Resp: 31413
Ion Ratio Lower Upper
130 100
95 101.0 95.0 142.6
132 90.2 77.0 115.4
97 70.3 59.1 88.7





#39
1,2-Dichloropropane
Concen: 0.461 ppbv m
RT: 7.095 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

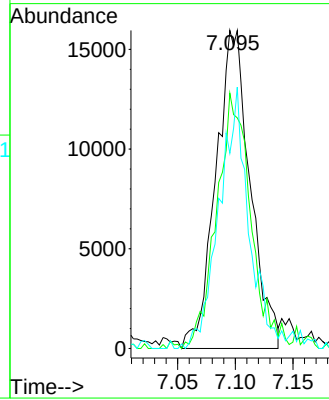
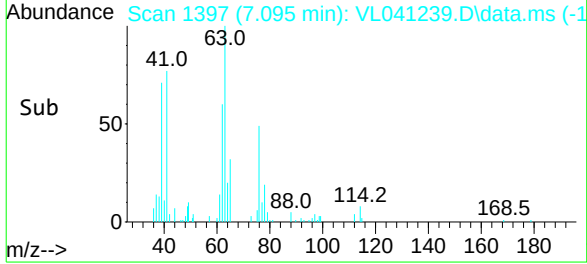
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 63 Resp: 33025
Ion Ratio Lower Upper
63 100
41 80.3 59.4 89.0
62 61.4 56.8 85.2

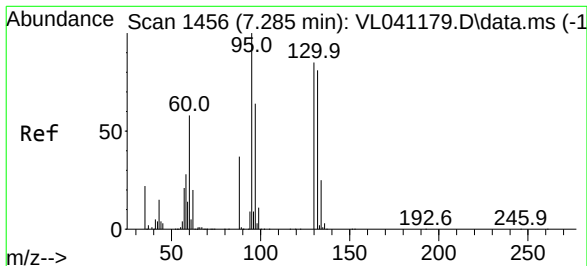
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Yesilyurt

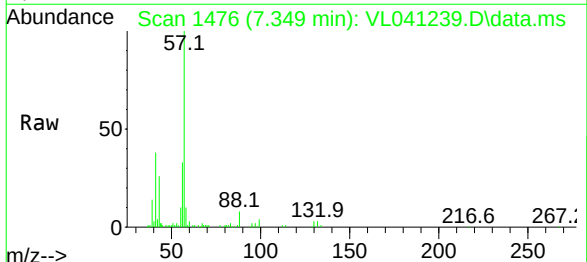


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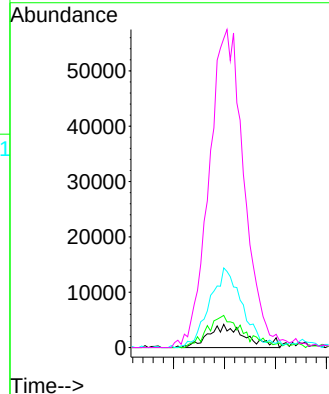
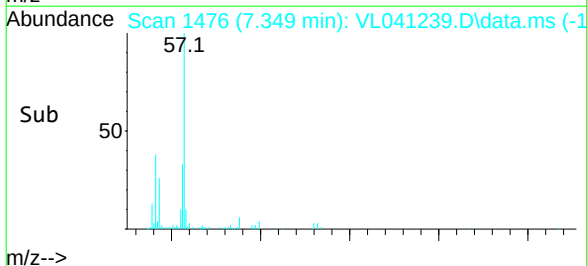
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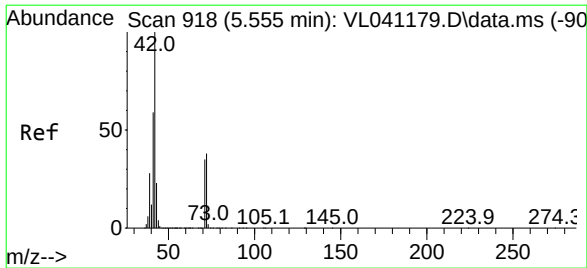


#40
1,4-Dioxane
Concen: 0.410 ppbv m
RT: 7.349 min Scan# 1476
Delta R.T. 0.048 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56



Tgt Ion: 88 Resp: 10492
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#





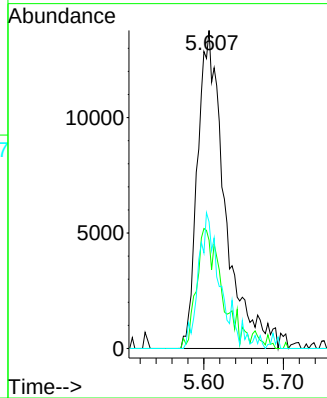
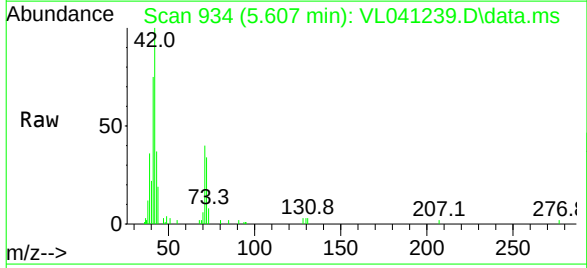
#41
Tetrahydrofuran
Concen: 0.405 ppbv m
RT: 5.607 min Scan# 93
Delta R.T. 0.029 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion: 42 Resp: 33008
Ion Ratio Lower Upper
42 100
72 37.2 29.4 44.0
71 34.9 29.1 43.7

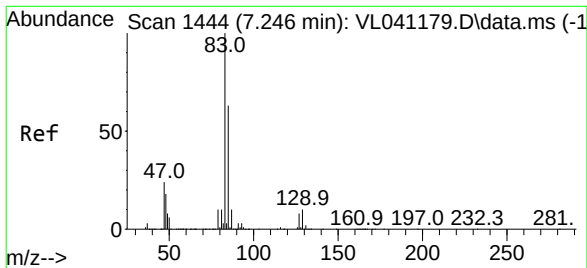
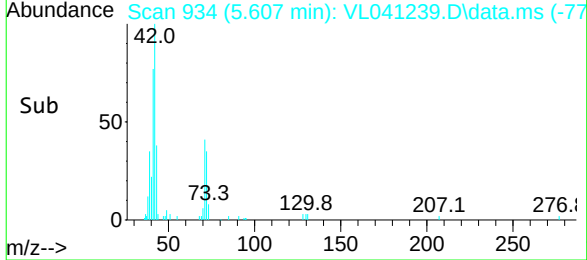
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



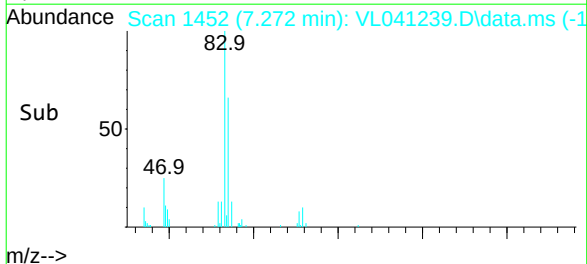
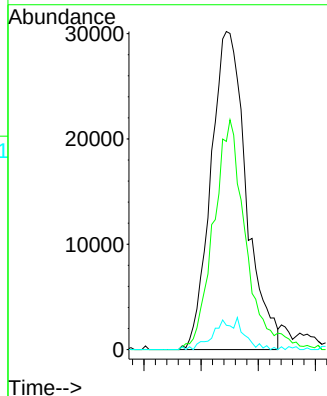
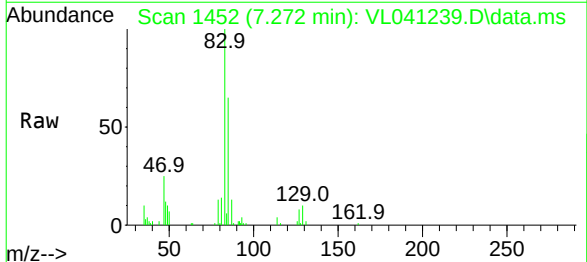
05/09/2024
Supervised By :Mahesh
Dadoda

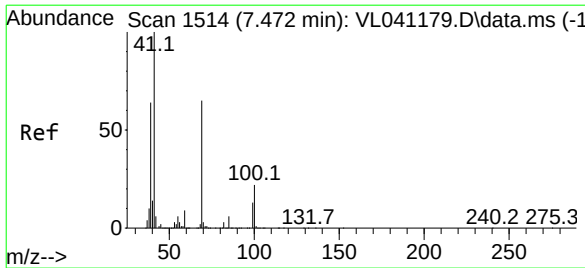
05/09/2024



#42
Bromodichloromethane
Concen: 0.466 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

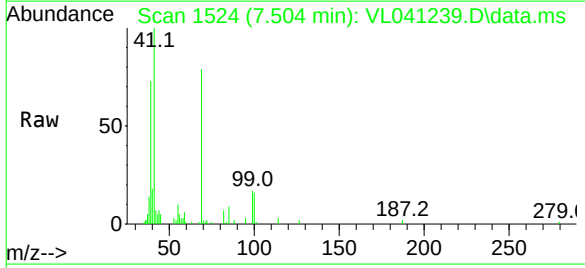
Tgt Ion: 83 Resp: 64823
Ion Ratio Lower Upper
83 100
85 65.5 50.6 75.8
127 7.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 0.387 ppbv m
RT: 7.504 min Scan# 1514
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

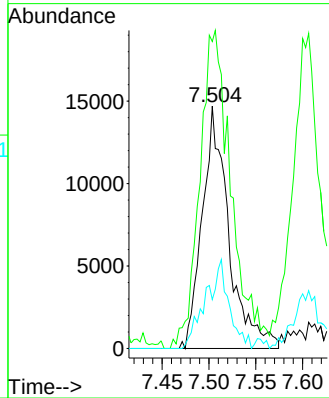
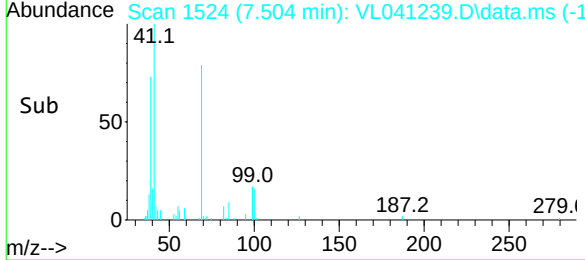
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 69 Resp: 29036
Ion Ratio Lower Upper
69 100
41 153.8 125.2 187.8
100 34.0 26.7 40.1

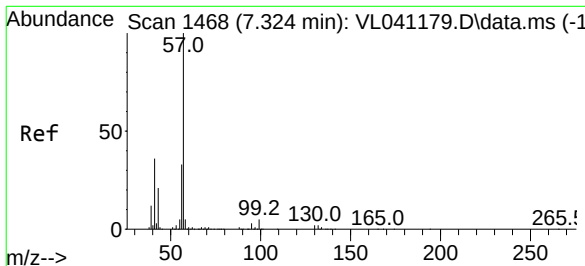
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

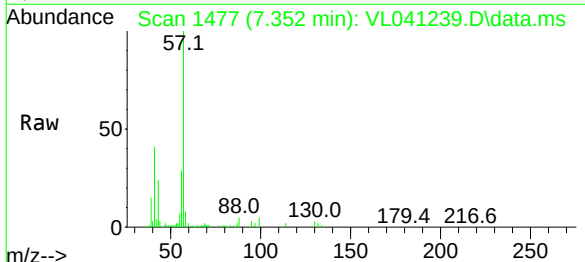


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Supervised By :Mahesh
Dadoda

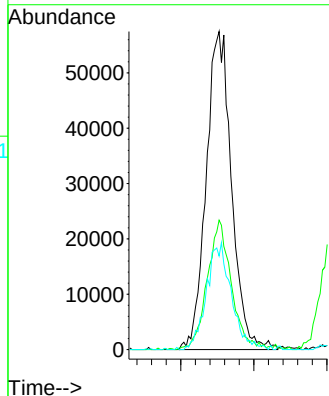
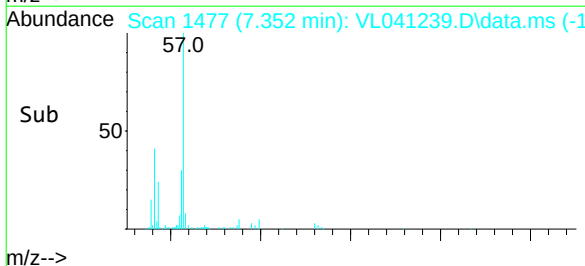
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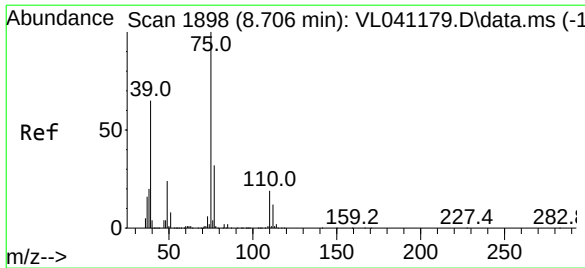


#44
2,2,4-Trimethylpentane
Concen: 0.434 ppbv m
RT: 7.352 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56



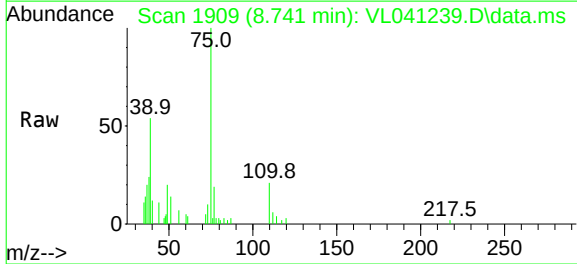
Tgt Ion: 57 Resp: 138847
Ion Ratio Lower Upper
57 100
41 38.6 29.5 44.3
56 0.0 25.3 37.9#





#45
t-1,3-Dichloropropene
Concen: 0.318 ppbv m
RT: 8.741 min Scan# 19
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

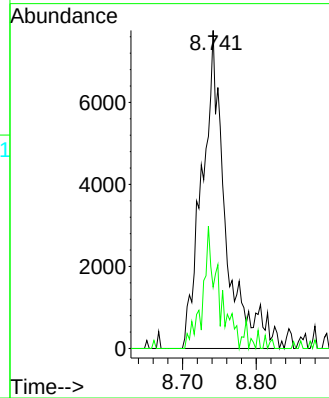
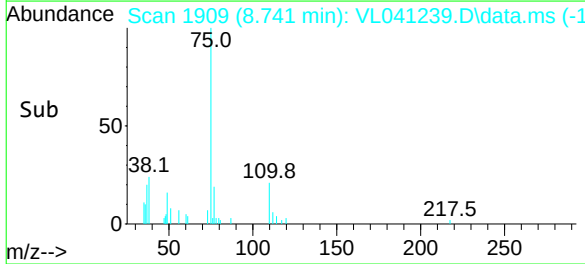
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 75 Resp: 17300
Ion Ratio Lower Upper
75 100
77 19.3 25.6 38.4#

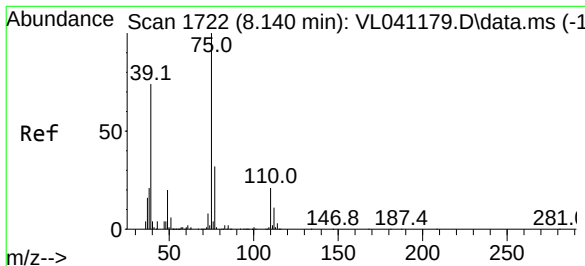
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

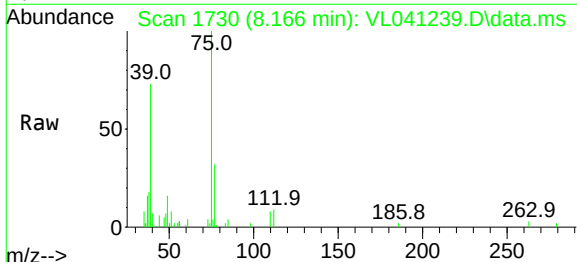


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Dadoda

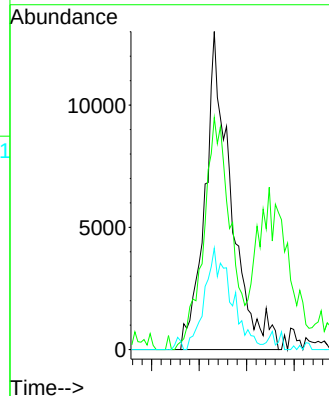
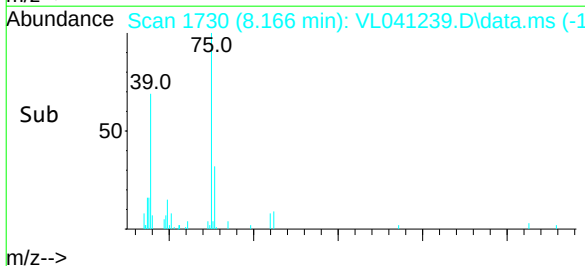
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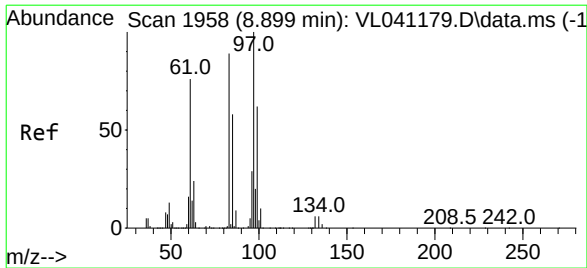


#46
cis-1,3-Dichloropropene
Concen: 0.371 ppbv m
RT: 8.166 min Scan# 1730
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56



Tgt Ion: 75 Resp: 24707
Ion Ratio Lower Upper
75 100
39 72.9 59.4 89.2
77 31.9 25.9 38.9





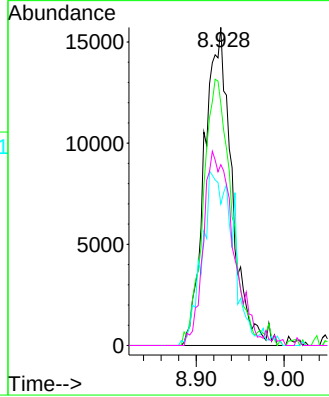
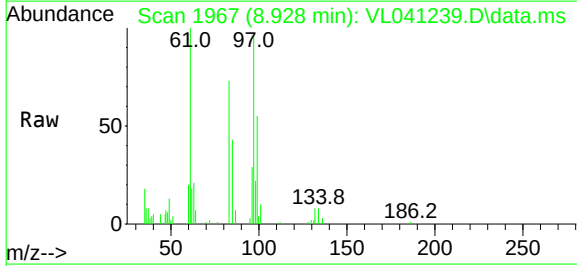
#47
1,1,2-Trichloroethane
Concen: 0.474 ppbv m
RT: 8.928 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.0	71.2	106.8
85	44.5	46.0	69.0
99	56.8	49.7	74.5

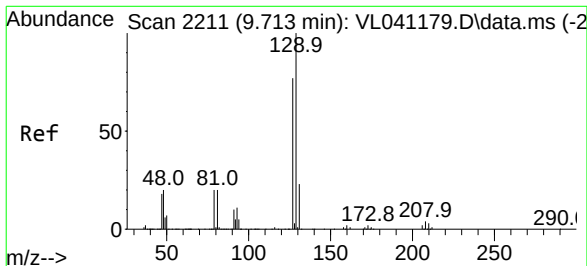
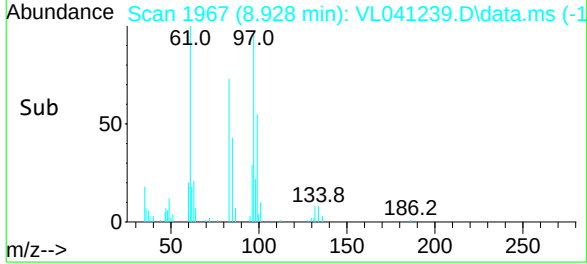
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



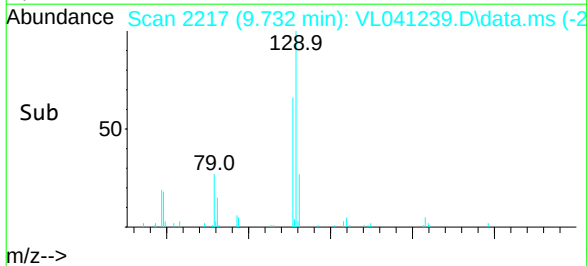
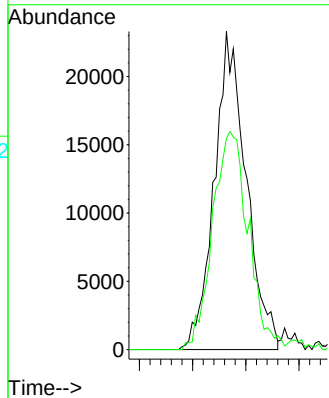
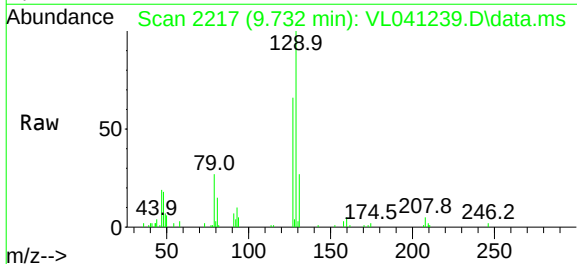
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Supervised By :Mahesh
Dadoda

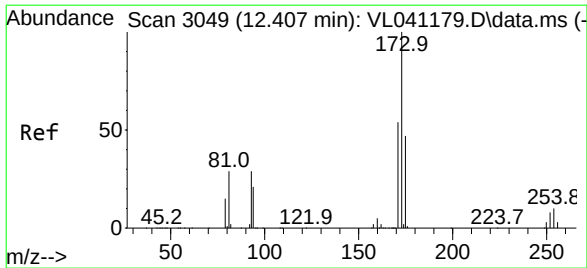
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#48
Dibromochloromethane
Concen: 0.425 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.1	117.5





#49

Bromoform

Concen: 0.366 ppbv

RT: 12.429 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

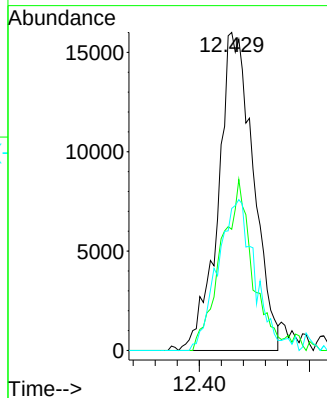
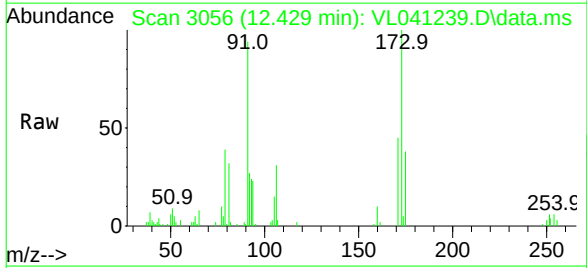
ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:	173	Resp:	35499
Ion Ratio	Lower	Upper	
173	100		
175	50.8	39.8	59.8
171	50.7	41.8	62.8

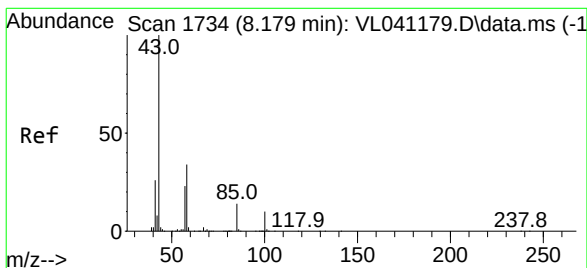
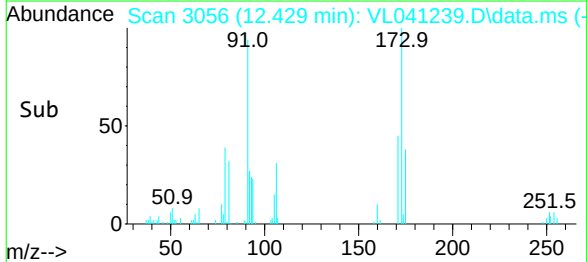
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



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Dadoda

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#50

4-Methyl-2-Pentanone

Concen: 0.407 ppbv m

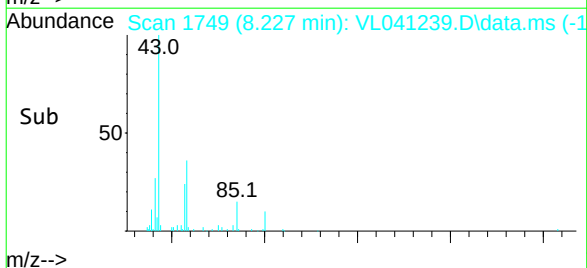
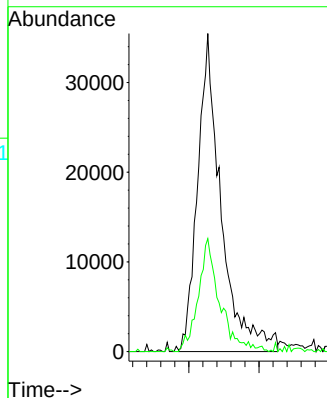
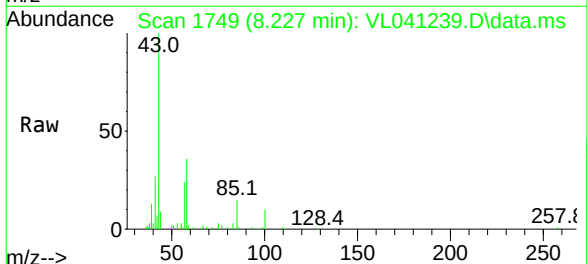
RT: 8.227 min Scan# 1749

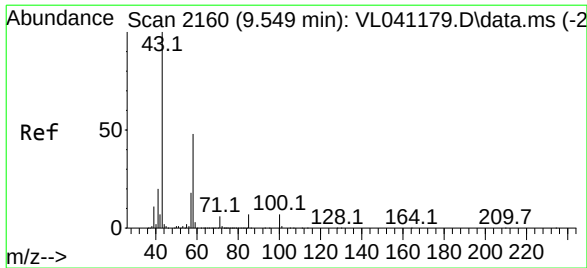
Delta R.T. 0.026 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

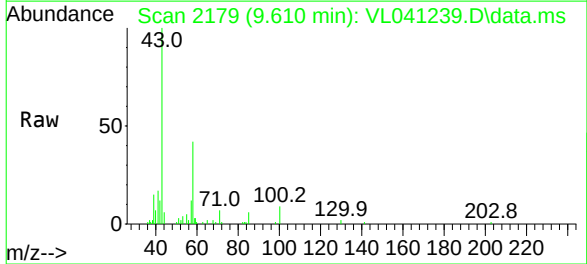
Tgt Ion:	43	Resp:	82303
Ion Ratio	Lower	Upper	
43	100		
58	32.7	27.7	41.5





#51
2-Hexanone
Concen: 0.405 ppbv m
RT: 9.610 min Scan# 2160
Delta R.T. 0.042 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

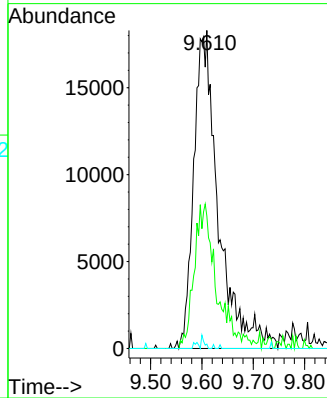
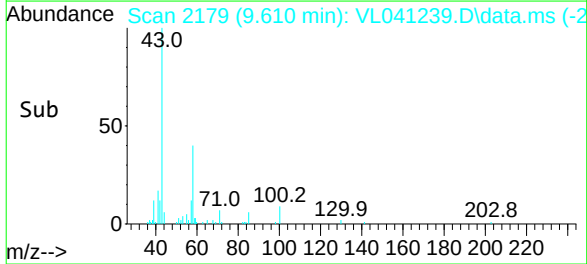
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 43 Resp: 60790
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 1.0 0.0 0.0#

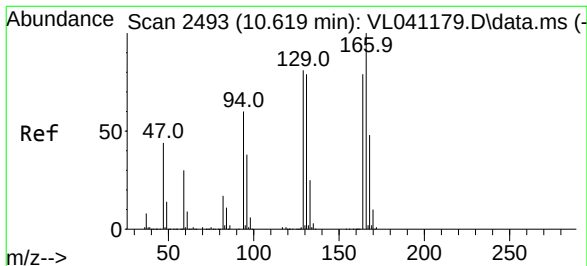
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



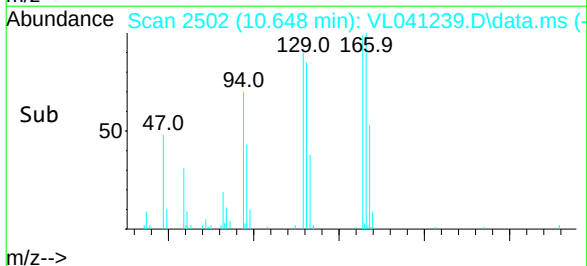
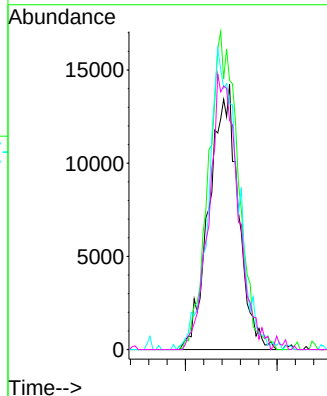
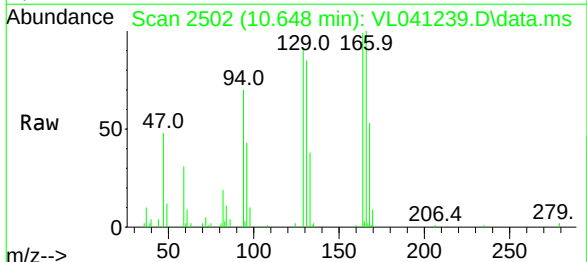
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Supervised By :Mahesh
Dadoda

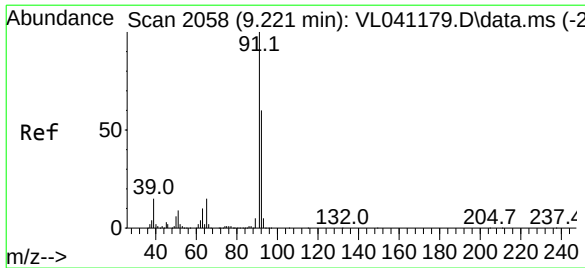
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#52
Tetrachloroethene
Concen: 0.477 ppbv m
RT: 10.648 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

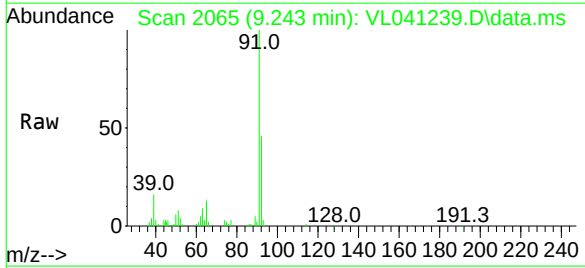
Tgt Ion:164 Resp: 31109
Ion Ratio Lower Upper
164 100
166 101.5 101.1 151.7
129 92.7 81.7 122.5
131 86.3 80.4 120.6





#53
Toluene
Concen: 0.409 ppbv
RT: 9.243 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

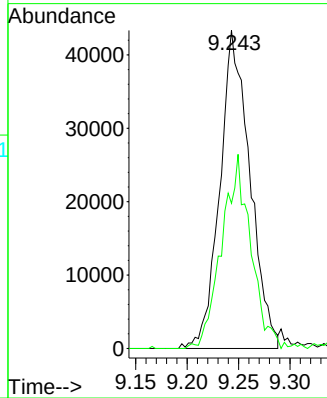
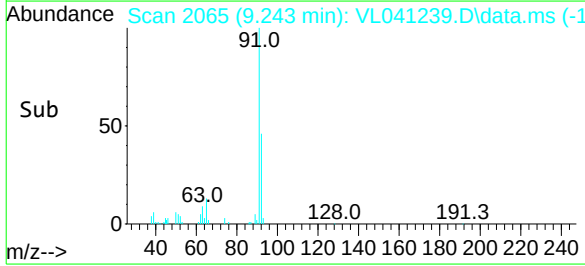
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 91 Resp: 88002
Ion Ratio Lower Upper
91 100
92 59.4 48.2 72.4

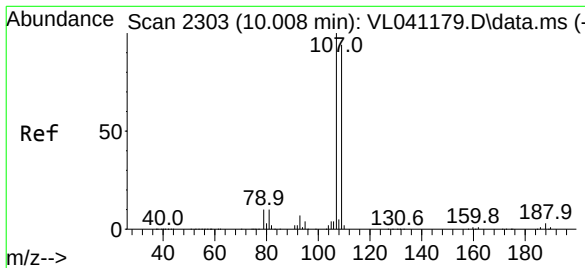
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Reviewed By :Semsettin
Yesilyurt



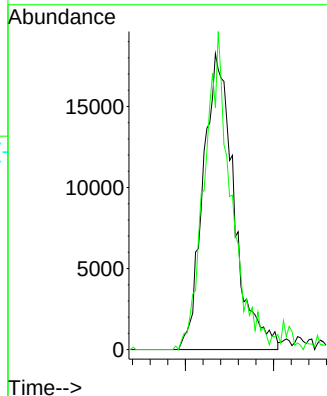
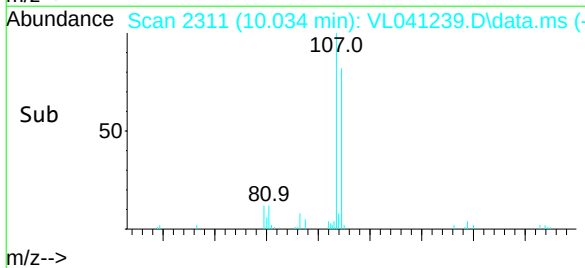
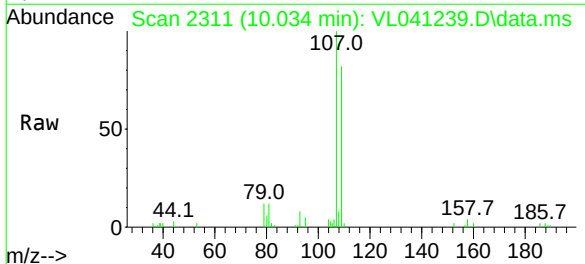
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Supervised By :Mahesh
Dadoda

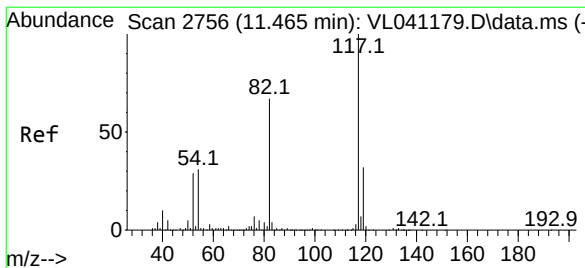
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#54
1,2-Dibromoethane
Concen: 0.457 ppbv
RT: 10.034 min Scan# 2311
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion:107 Resp: 44295
Ion Ratio Lower Upper
107 100
109 81.8 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:117 Resp: 2031753

Ion Ratio Lower Upper

117 100

82 65.2 53.6 80.4

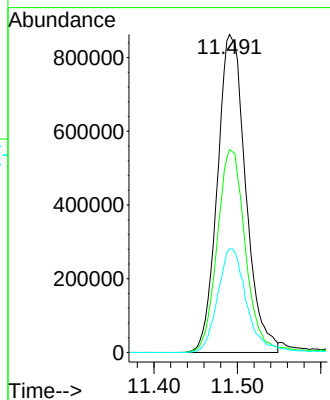
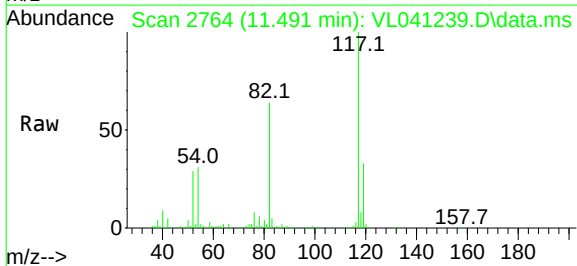
119 33.9 27.2 40.8

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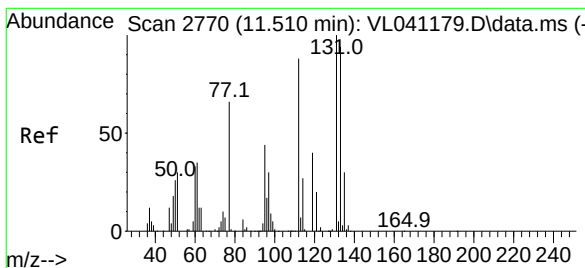
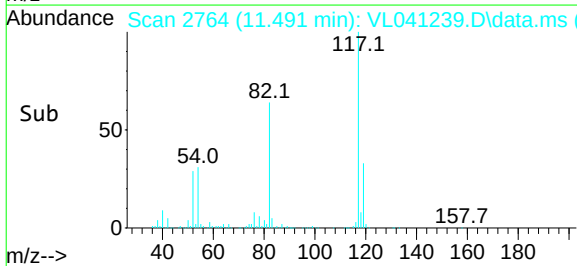


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#56

1,1,1,2-Tetrachloroethane

Concen: 0.416 ppbv

RT: 11.536 min Scan# 2778

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

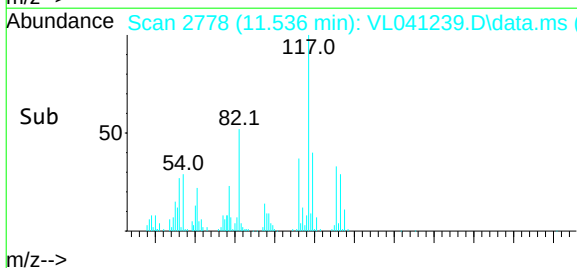
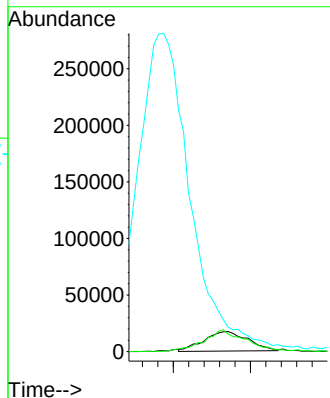
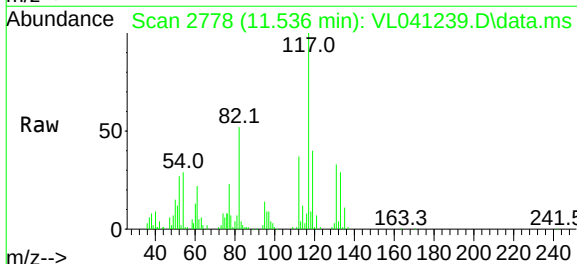
Tgt Ion:131 Resp: 34232

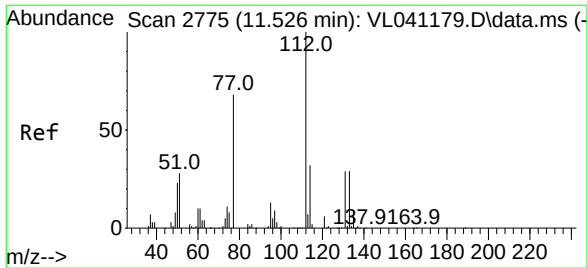
Ion Ratio Lower Upper

131 100

133 109.7 76.3 114.5

119 0.0 49.4 74.2#





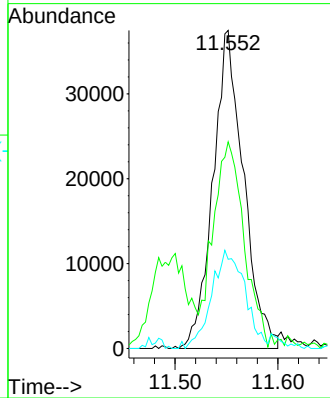
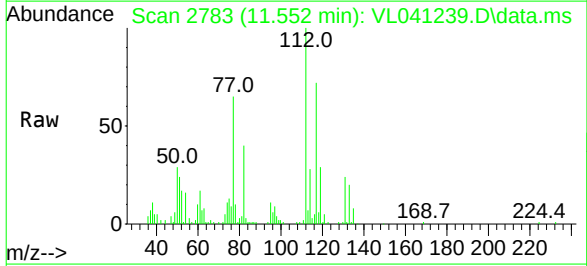
#57
Chlorobenzene
Concen: 0.518 ppbv
RT: 11.552 min Scan# 2775
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion:	112	Resp:	77118
Ion	Ratio	Lower	Upper
112	100		
77	62.2	54.9	82.3
114	28.0	28.7	35.1

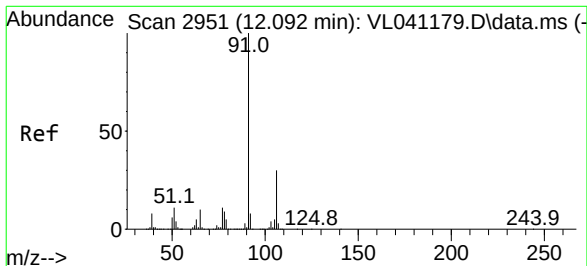
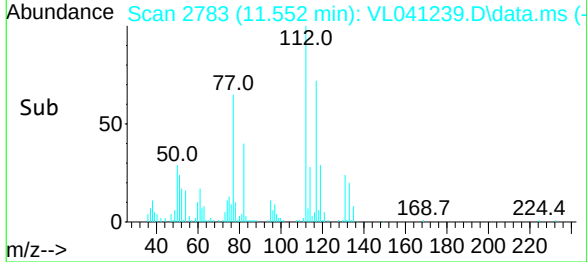
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Yesilyurt



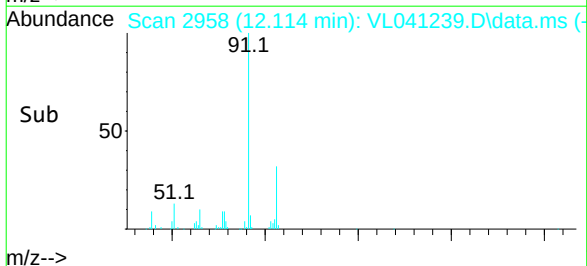
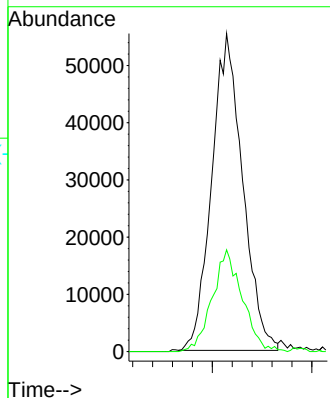
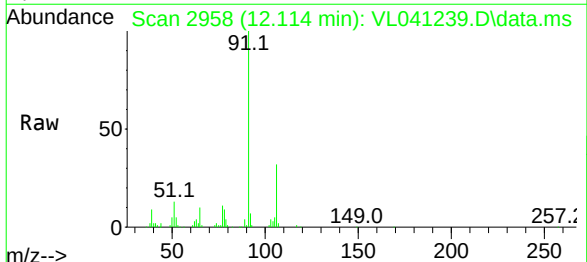
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Supervised By :Mahesh
Dadoda

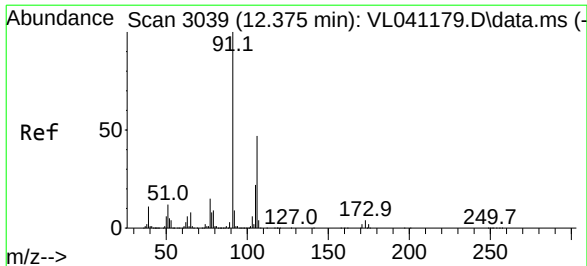
05/09/2024



#58
Ethyl Benzene
Concen: 0.429 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

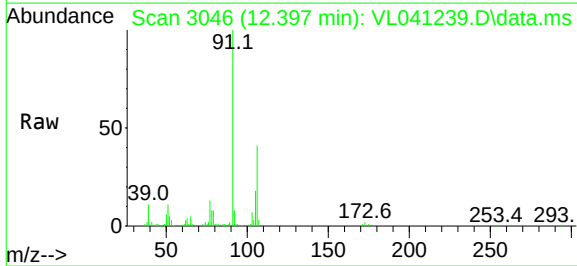
Tgt Ion:	91	Resp:	119605
Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.3	36.5





#59
m/p-Xylene
Concen: 0.894 ppbv m
RT: 12.397 min Scan# 3039
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

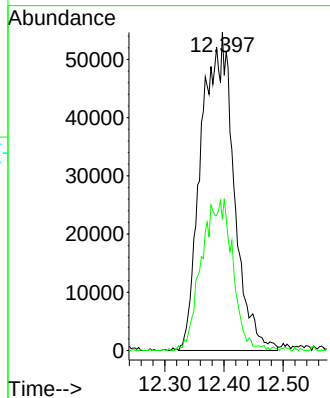
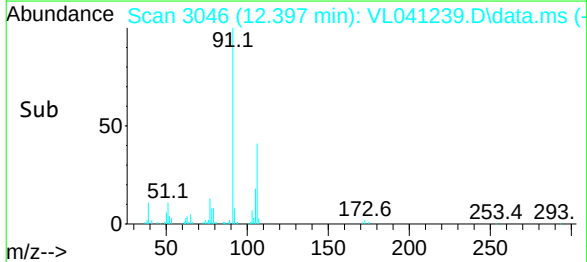
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 91 Resp: 209274
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5#

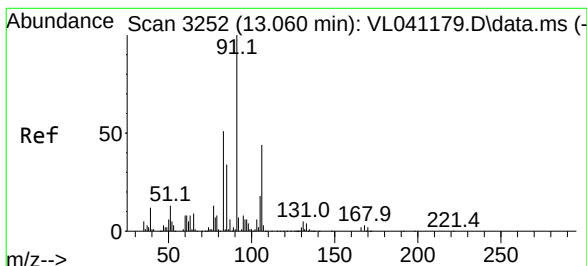
Manual Integrations
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Yesilyurt



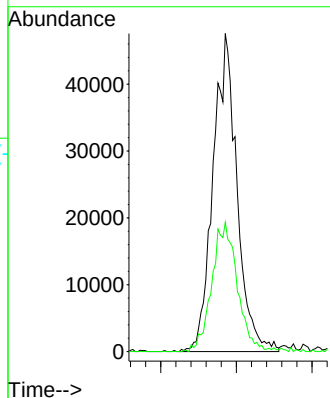
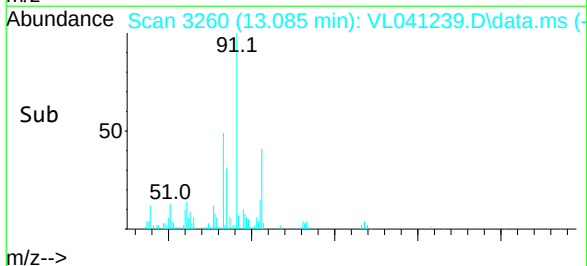
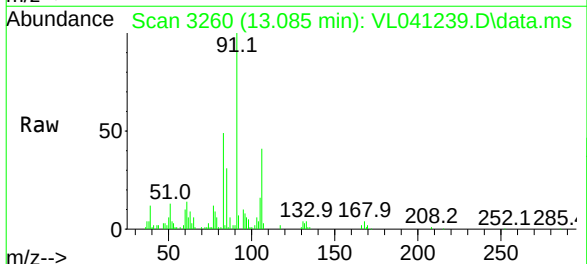
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Supervised By :Mahesh
Dadoda

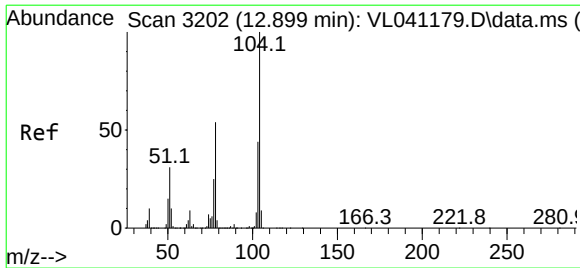
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#60
o-Xylene
Concen: 0.476 ppbv m
RT: 13.085 min Scan# 3260
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

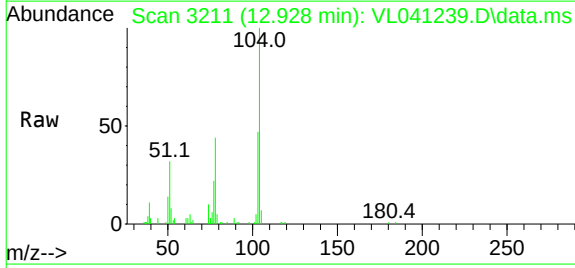
Tgt Ion: 91 Resp: 104445
Ion Ratio Lower Upper
91 100
106 43.2 22.4 67.3





#61
Styrene
Concen: 0.411 ppbv m
RT: 12.928 min Scan# 3211
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

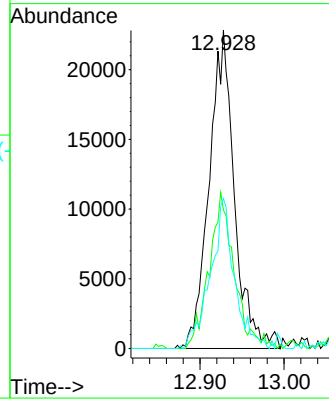
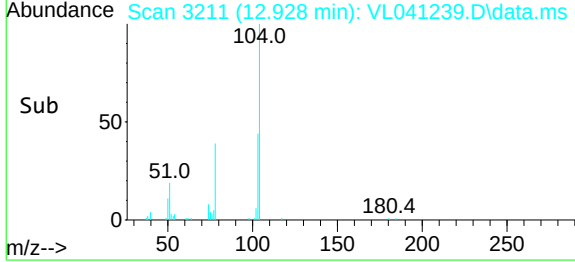
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:104 Resp: 47677
Ion Ratio Lower Upper
104 100
78 48.8 42.6 63.8
103 44.7 38.4 57.6

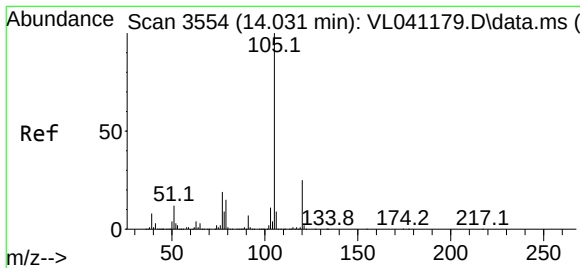
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

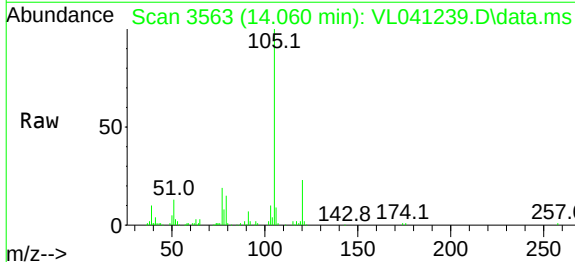


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Supervised By :Mahesh
Dadoda

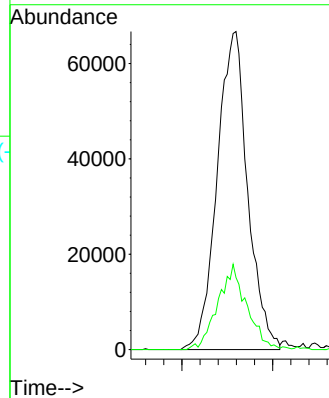
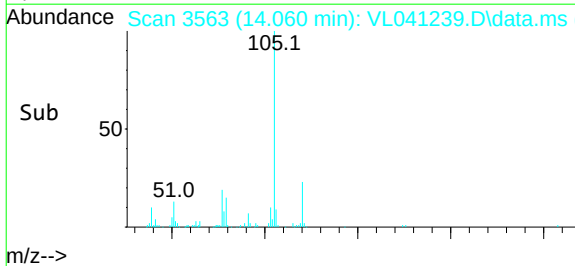
05/09/2024

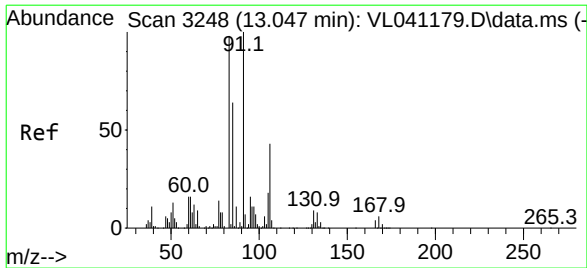


#62
Isopropylbenzene
Concen: 0.475 ppbv
RT: 14.060 min Scan# 3563
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56



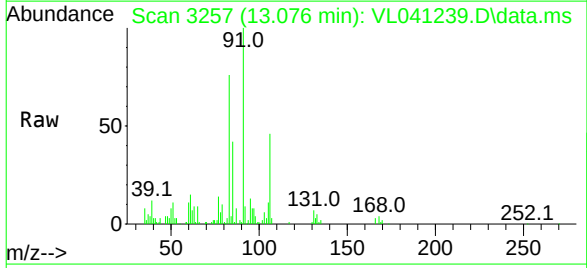
Tgt Ion:105 Resp: 155892
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.490 ppbv
RT: 13.076 min Scan# 3248
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

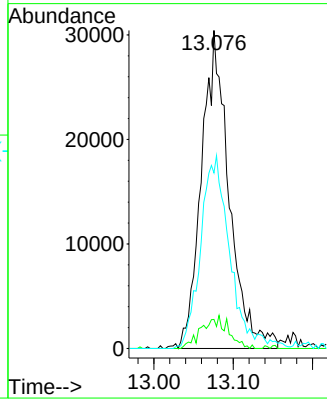
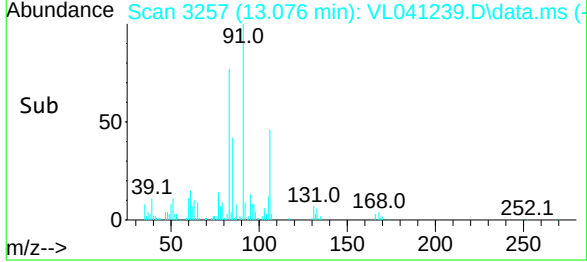
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 83 Resp: 73376
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 0.0 32.7 98.1#

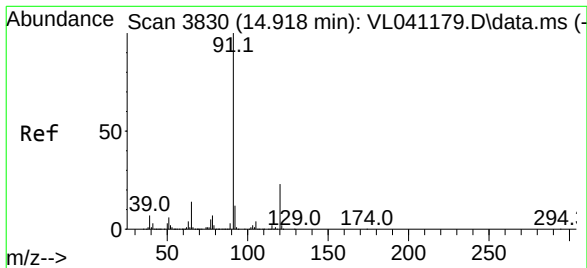
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



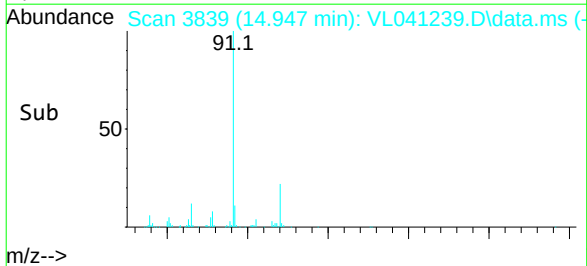
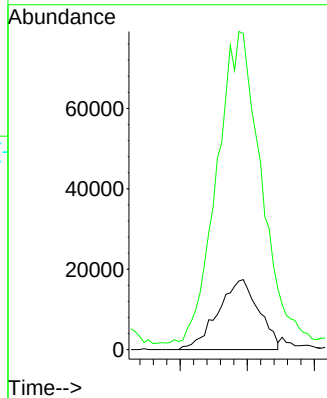
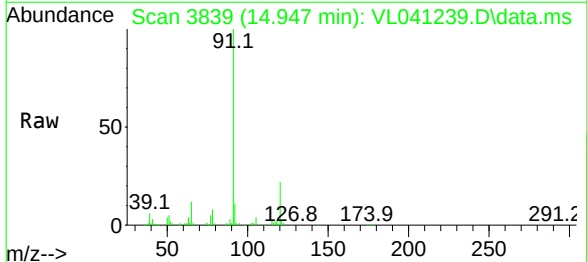
05/09/2024
Supervised By :Mahesh
Dadoda

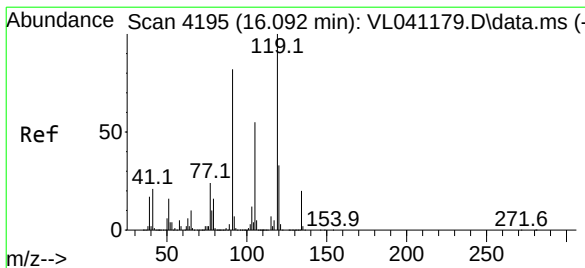
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#64
n-propylbenzene
Concen: 0.450 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. 0.013 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion:120 Resp: 36838
Ion Ratio Lower Upper
120 100
91 527.5 384.8 577.2





#65

tert-Butylbenzene

Concen: 0.446 ppbv

RT: 16.114 min Scan# 421

Delta R.T. 0.006 min

Lab File: VL041239.D

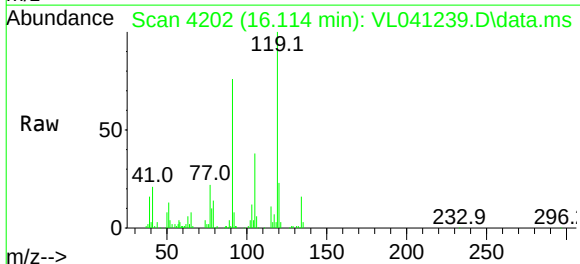
Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion:119 Resp: 131000

Ion Ratio Lower Upper

119 100

91 88.6 67.0 100.4

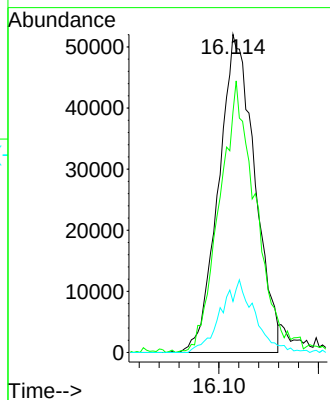
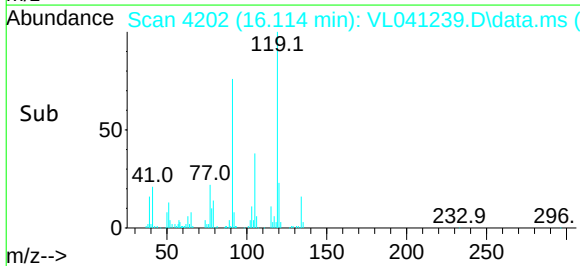
134 21.5 15.2 22.8

Manual Integrations

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Reviewed By :Semsettin

Yesilyurt

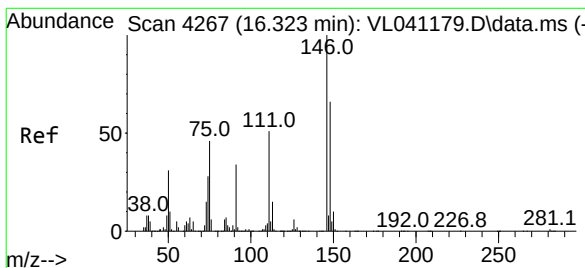


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#66

Benzyl Chloride

Concen: 0.187 ppbv m

RT: 16.371 min Scan# 4282

Delta R.T. 0.022 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

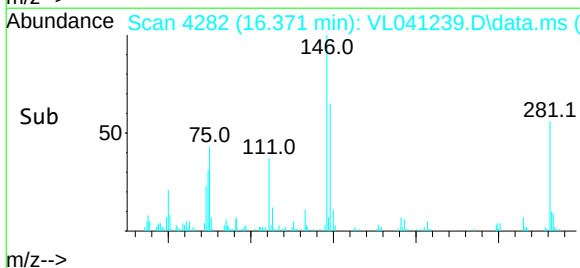
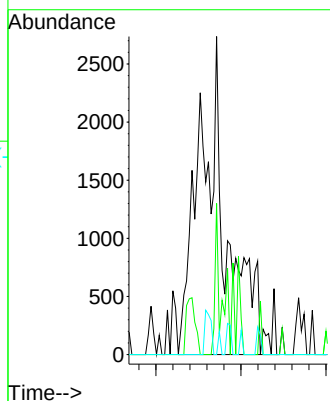
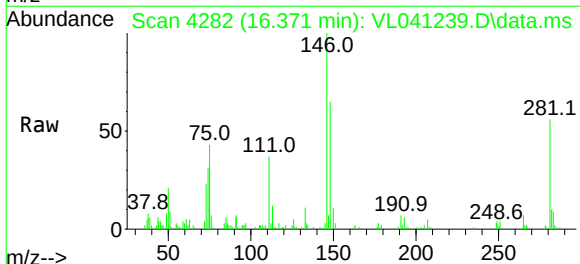
Tgt Ion: 91 Resp: 6223

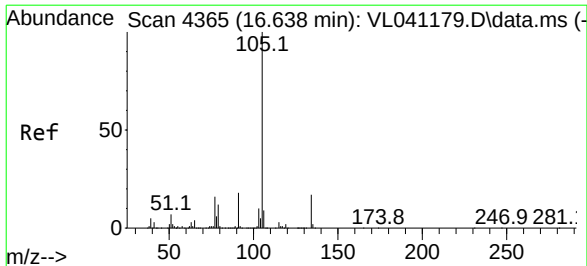
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

128 6.0 4.7 7.1





#67

sec-Butylbenzene

Concen: 0.461 ppbv

RT: 16.664 min Scan# 43

Delta R.T. 0.013 min

Lab File: VL041239.D

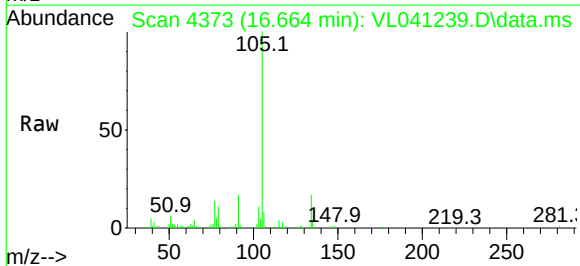
Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

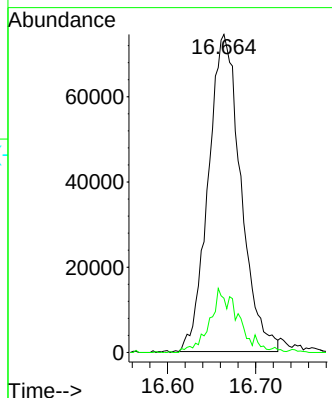
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	105	Resp:	190806
Ion Ratio	Lower	Upper	
105	100		
134	18.4	13.8	20.8

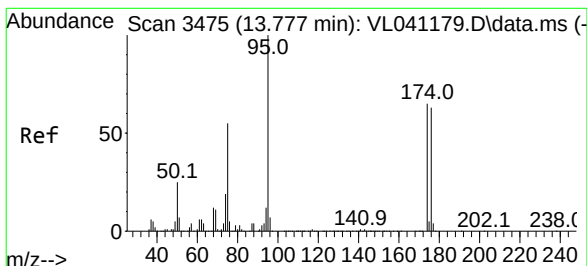
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



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Supervised By :Mahesh
Dadoda

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.102 ppbv

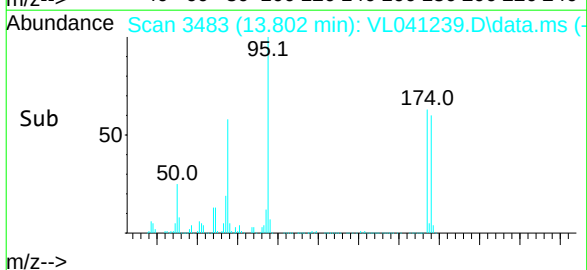
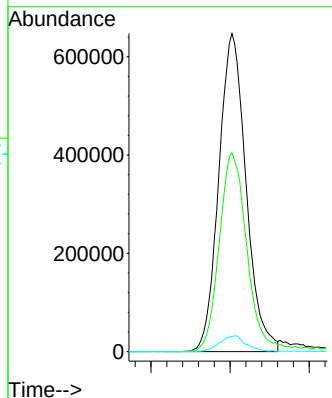
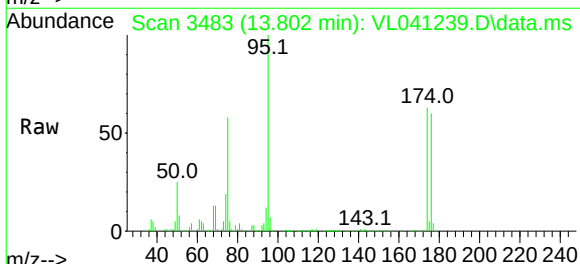
RT: 13.802 min Scan# 3483

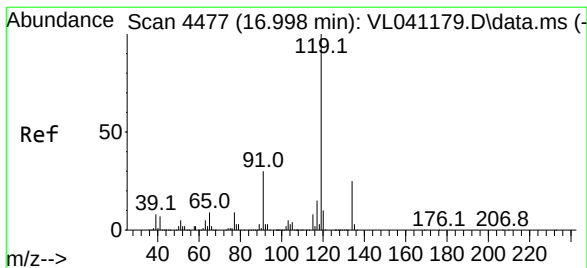
Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

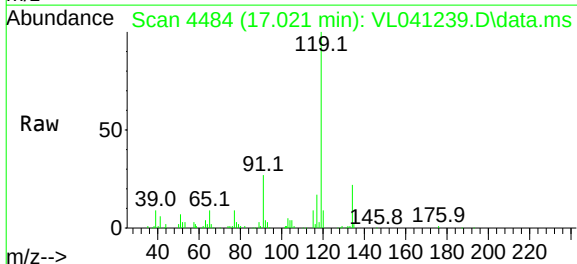
Tgt Ion:	95	Resp:	1549552
Ion Ratio	Lower	Upper	
95	100		
174	63.6	53.6	80.4
175	5.0	4.2	6.4





#69
p-Isopropyltoluene
Concen: 0.442 ppbv
RT: 17.021 min Scan# 4477
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

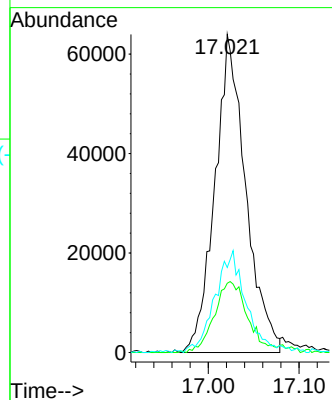
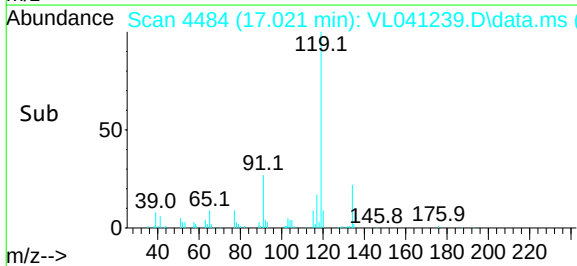
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 119 Resp: 150831
Ion Ratio Lower Upper
119 100
134 25.2 20.1 30.1
91 33.4 24.2 36.2

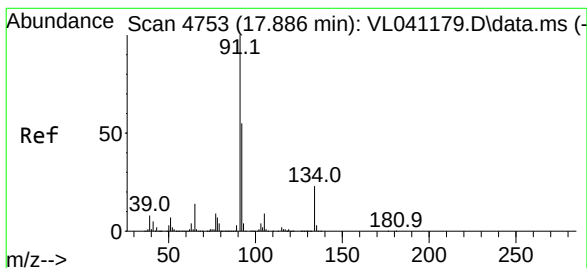
Manual Integrations
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Reviewed By : Semsettin
Yesilyurt



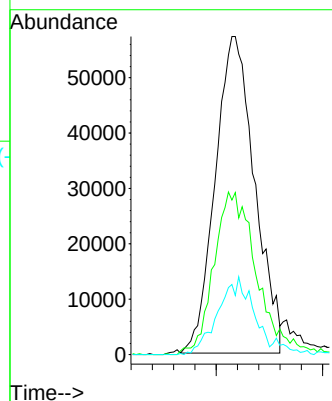
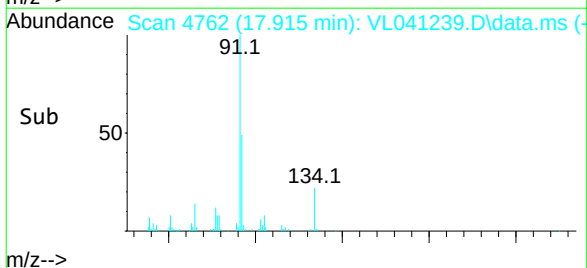
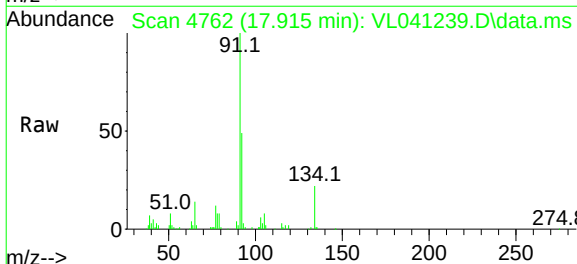
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Supervised By : Mahesh
Dadoda

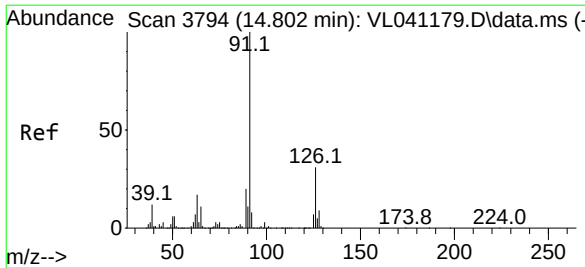
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#70
n-Butylbenzene
Concen: 0.413 ppbv
RT: 17.915 min Scan# 4762
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 91 Resp: 147254
Ion Ratio Lower Upper
91 100
92 56.5 43.3 64.9
134 23.3 17.8 26.8





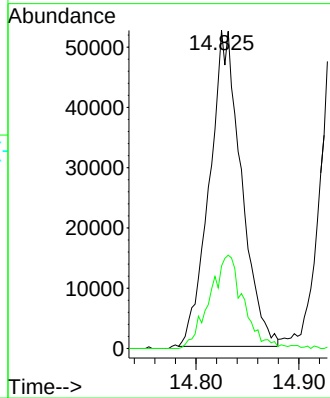
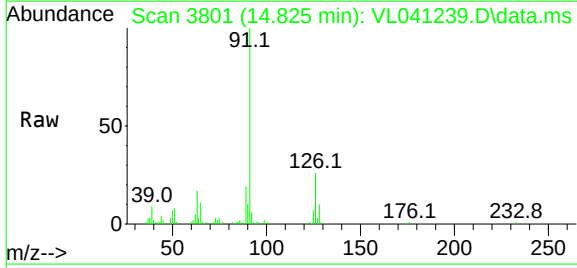
#71
2-Chlorotoluene
Concen: 0.452 ppbv
RT: 14.825 min Scan# 3812
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

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

Tgt Ion: 91 Resp: 112984
Ion Ratio Lower Upper
91 100
126 31.9 12.2 48.8

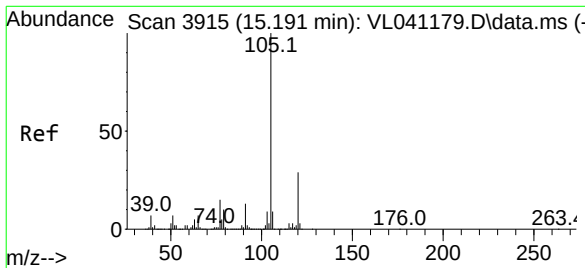
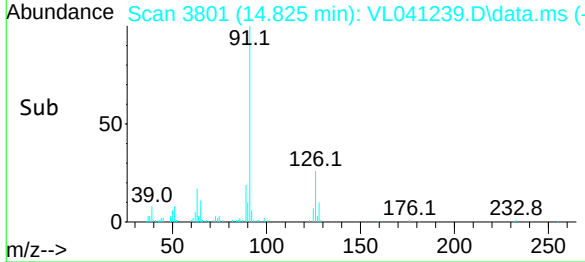
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



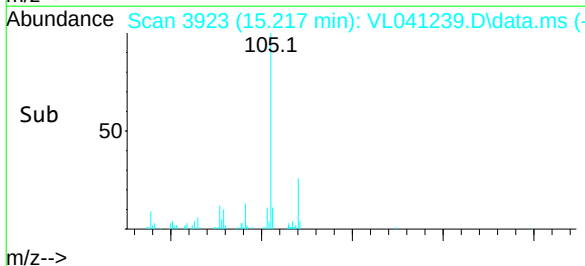
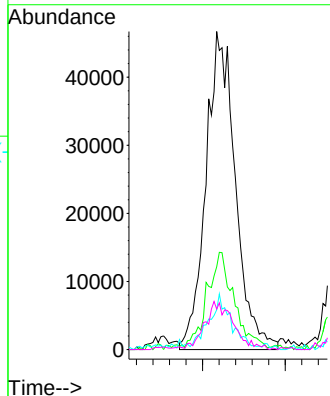
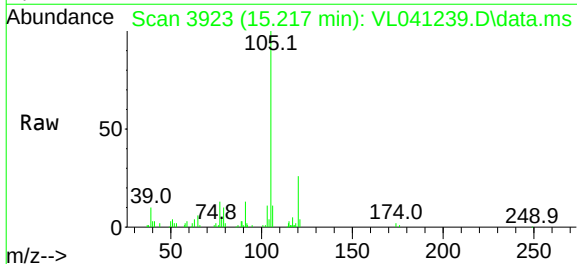
05/09/2024
Supervised By :Mahesh
Dadoda

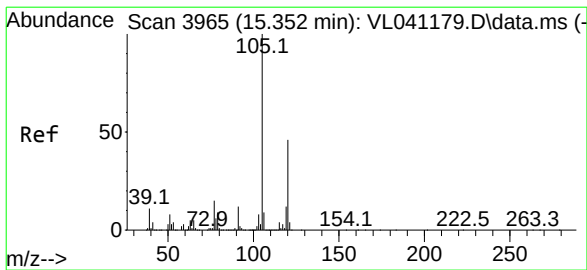
05/09/2024



#72
4-Ethyltoluene
Concen: 0.465 ppbv m
RT: 15.217 min Scan# 3923
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion:105 Resp: 115674
Ion Ratio Lower Upper
105 100
120 30.4 24.7 37.1
91 14.8 10.3 15.5
77 15.2 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 0.428 ppbv

RT: 15.381 min Scan# 39

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:105 Resp: 96213

Ion Ratio Lower Upper

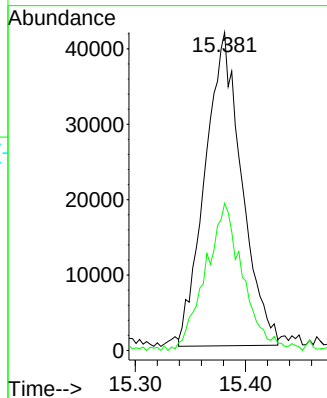
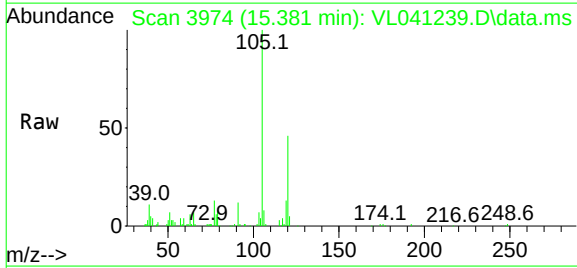
105 100

120 45.0 37.0 55.4

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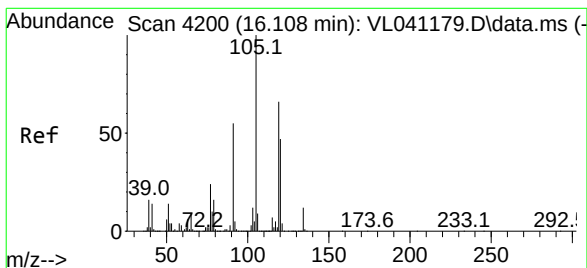
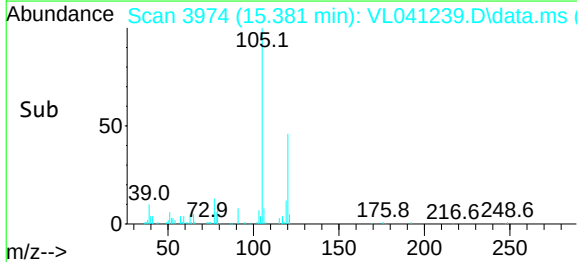
APPROVED

Reviewed By :Semsettin
Yesilyurt



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Supervised By :Mahesh
Dadoda

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#74

1,2,4-Trimethylbenzene

Concen: 0.453 ppbv

RT: 16.137 min Scan# 4209

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Tgt Ion:105 Resp: 111370

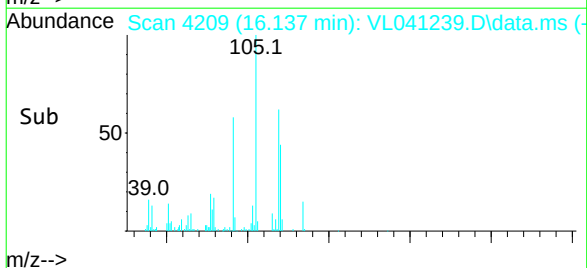
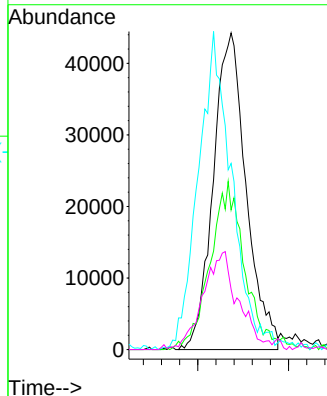
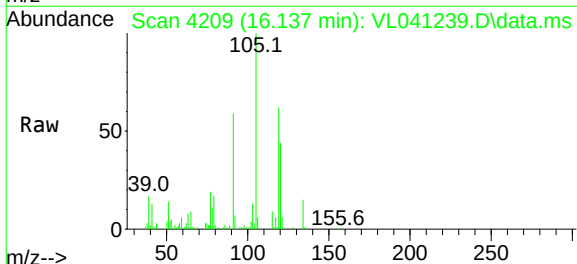
Ion Ratio Lower Upper

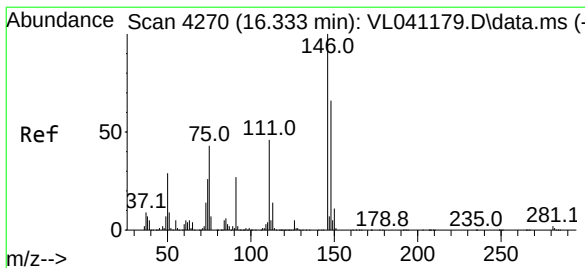
105 100

120 41.1 37.8 56.6

91 56.6 44.3 66.5

77 18.2 19.0 28.4#





#75

1,3-Dichlorobenzene

Concen: 0.497 ppbv m

RT: 16.362 min Scan# 4279

Delta R.T. 0.013 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Tgt Ion:146 Resp: 70012

Ion Ratio Lower Upper

146 100

111 46.0 23.7 71.1

148 64.3 32.5 97.4

Instrument :

MSVOA_L

ClientSampleId :

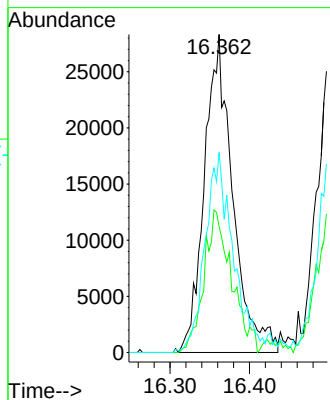
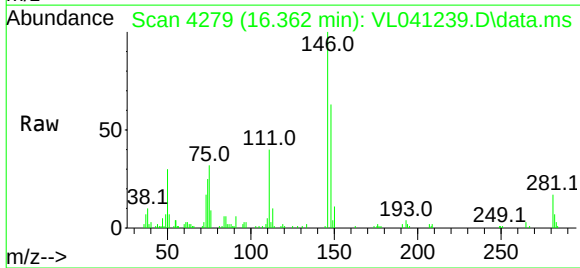
LOD-MDL-AIR-01-QT2-2024

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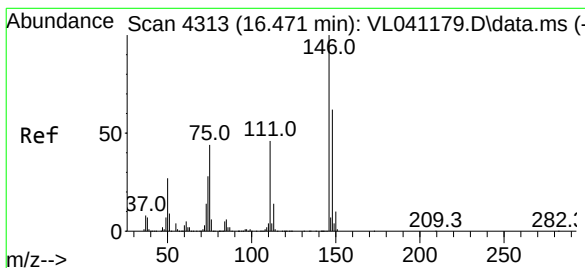
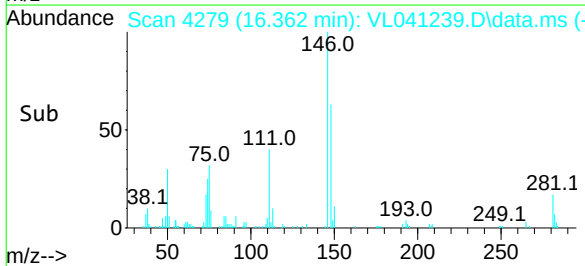
Yesilyurt



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Dadoda

05/09/2024



#76

1,4-Dichlorobenzene

Concen: 0.441 ppbv

RT: 16.500 min Scan# 4322

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

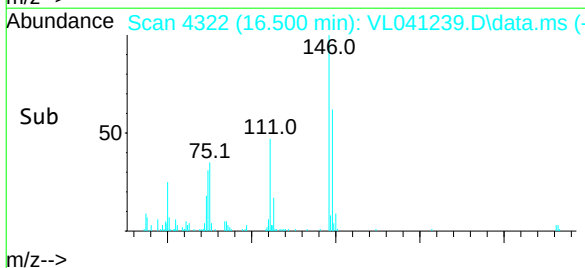
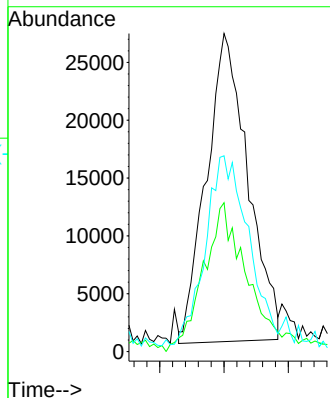
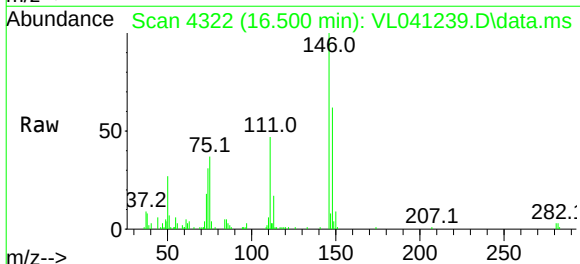
Tgt Ion:146 Resp: 59791

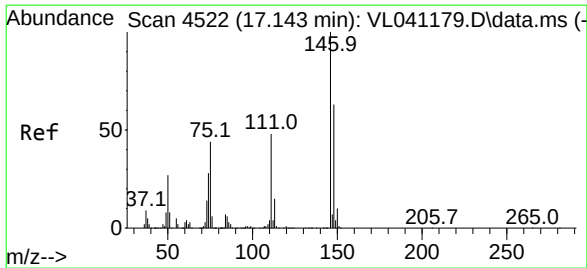
Ion Ratio Lower Upper

146 100

111 53.3 23.3 69.8

148 74.2 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 0.446 ppbv

RT: 17.172 min Scan# 45

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

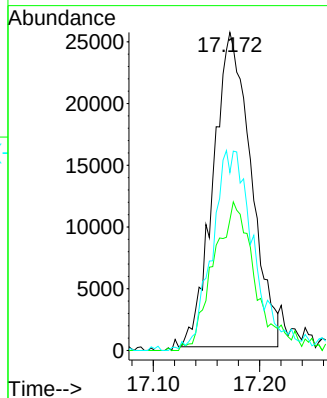
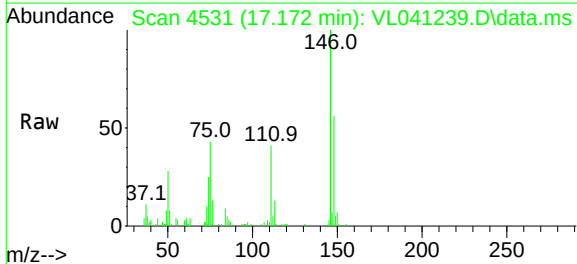
ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:	146	Resp:	62813
Ion Ratio	Lower	Upper	
146	100		
111	53.6	24.5	73.5
148	73.5	32.6	98.0

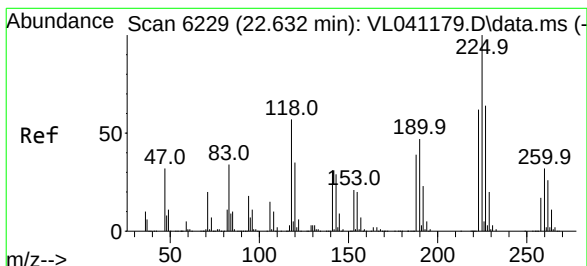
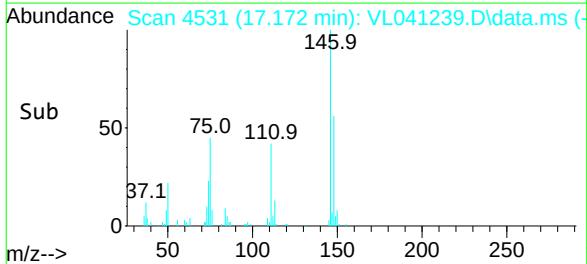
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



05/09/2024
Supervised By :Mahesh
Dadoda

05/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.480 ppbv m

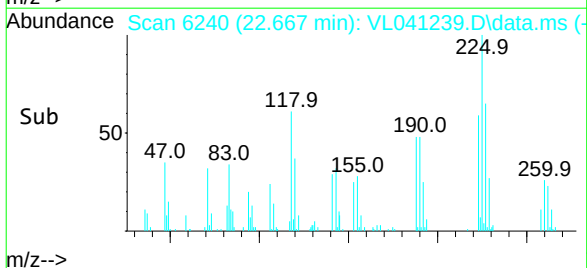
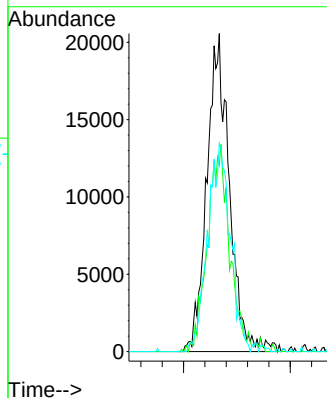
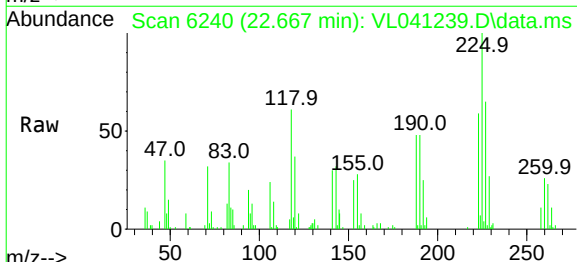
RT: 22.667 min Scan# 6240

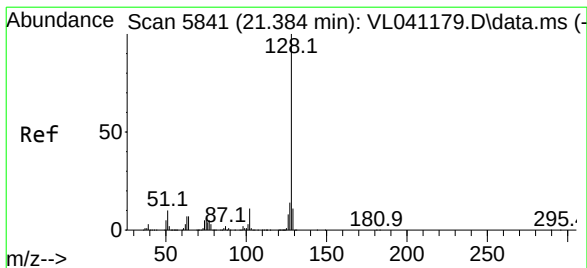
Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Tgt Ion:	225	Resp:	60109
Ion Ratio	Lower	Upper	
225	100		
223	65.3	50.9	76.3
227	66.4	52.0	78.0





#79

Naphthalene

Concen: 0.353 ppbv m

RT: 21.429 min Scan# 5841

Delta R.T. 0.026 min

Lab File: VL041239.D

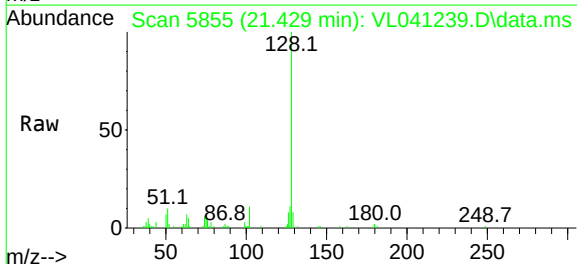
Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

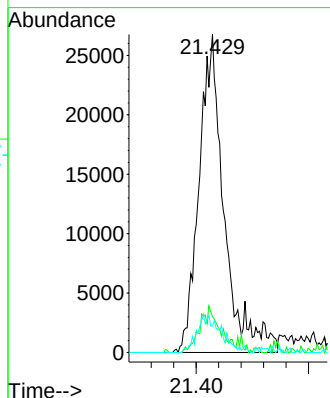
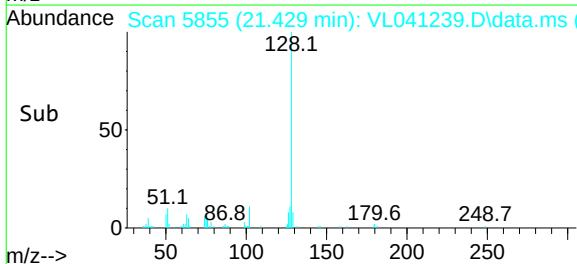
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	128	Resp:	82599
Ion Ratio	Lower	Upper	
128	100		
127	11.3	10.8	16.2
129	8.3	8.9	13.3

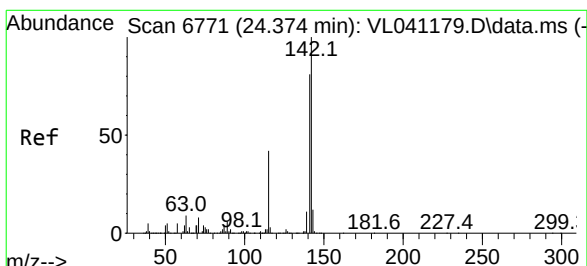
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



05/09/2024
Supervised By :Mahesh
Dadoda

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#80

Naphthalene, 2-methyl-

Concen: 0.148 ppbv m

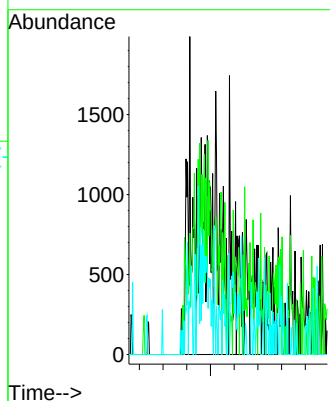
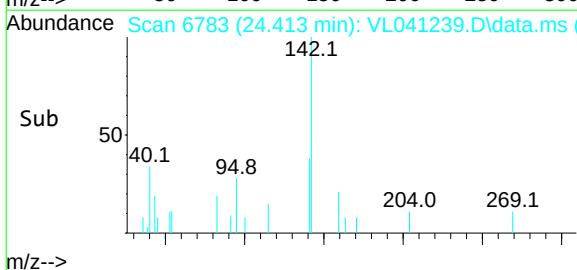
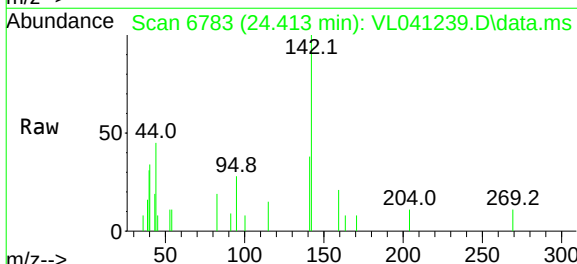
RT: 24.413 min Scan# 6783

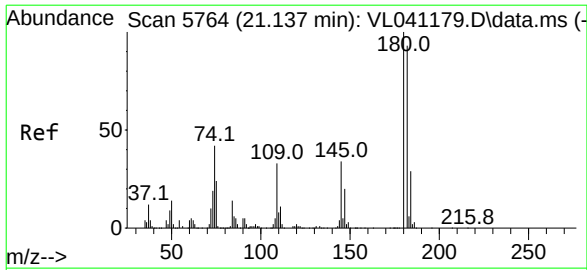
Delta R.T. 0.022 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

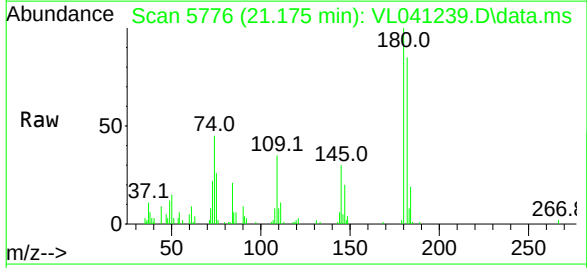
Tgt Ion:	142	Resp:	13912
Ion Ratio	Lower	Upper	
142	100		
141	3.7	67.9	101.9
115	5.7	31.4	47.0





#81
1,2,4-Trichlorobenzene
Concen: 0.354 ppbv m
RT: 21.175 min Scan# 57
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

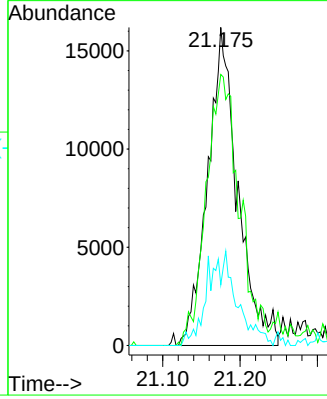
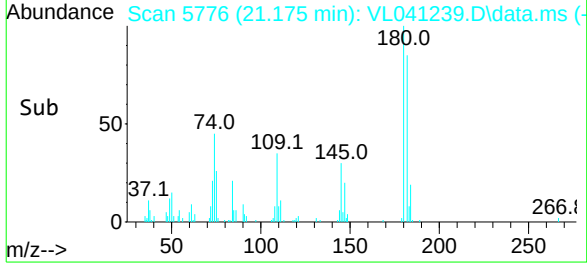
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:180 Resp: 43698
Ion Ratio Lower Upper
180 100
182 99.3 77.2 115.8
184 30.2 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



05/09/2024
Supervised By :Mahesh
Dadoda

05/09/2024