

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041255.D
 Acq On : 9 May 2024 12:45
 Operator : SY/MD
 Sample : P2403-15 MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2024

Quant Time: May 10 01:59:56 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 : Fri May 10 01:23:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2024
 Supervised By : Mahesh Dadoda 05/10/2024

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

Internal Standards						
1) Bromochloromethane	5.211	49	758857	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2003593	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	1830382	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1407371	10.185	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.755	85	16828m	0.164	ppbv	
3) Chlorodifluoromethane	2.697	51	13439	0.117	ppbv	97
4) Chloromethane	2.835	50	4982	0.110	ppbv	92
5) Vinyl Chloride	2.944	62	4778	0.105	ppbv #	87
6) Bromomethane	3.144	94	1844m	0.111	ppbv	
7) Chloroethane	3.224	64	1681m	0.105	ppbv	
8) Dichlorotetrafluoroethane	2.880	85	12371	0.116	ppbv	94
9) Propene	2.719	41	7339m	0.163	ppbv	
10) Heptane	7.606	43	10030m	0.092	ppbv	
11) Trichlorofluoromethane	3.584	101	10806	0.104	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.086	101	8456	0.110	ppbv	89
13) Ethanol	3.285	45	1663m	0.164	ppbv	
14) Bromoethene	3.388	108	3715	0.117	ppbv #	86
15) Acetone	3.517	43	20665	0.231	ppbv #	85
16) 1,3-Butadiene	3.005	39	5268m	0.117	ppbv	
17) tert-Butyl alcohol	3.928	59	10050m	0.104	ppbv	
18) 1,1-Dichloroethene	3.906	96	3969m	0.115	ppbv	
19) Isopropyl Alcohol	3.623	45	6519m	0.111	ppbv	
20) Methylene Chloride	3.957	84	8566m	0.275	ppbv	
21) Allyl Chloride	4.018	41	6866m	0.118	ppbv	
22) trans-1,2-Dichloroethene	4.471	96	4499m	0.126	ppbv	
23) Vinyl Acetate	4.658	43	8800m	0.089	ppbv	
24) 1,1-Dichloroethane	4.584	63	9181m	0.120	ppbv	
25) Ethyl Acetate	5.237	43	16976m	0.095	ppbv	
26) Hexane	5.237	57	8117m	0.102	ppbv	
27) Carbon Disulfide	4.150	76	8551	0.091	ppbv #	69
28) Methyl tert-Butyl Ether	4.626	73	6665m	0.105	ppbv	
29) Chloroform	5.291	83	11177	0.102	ppbv	87
30) Cyclohexane	6.623	84	6042m	0.096	ppbv	
31) cis-1,2-Dichloroethene	5.105	61	8199m	0.110	ppbv	
32) 1,1,1-Trichloroethane	6.018	97	11015m	0.100	ppbv	
34) 2-Butanone	4.828	43	13646m	0.134	ppbv	
35) Carbon Tetrachloride	6.510	117	11894m	0.106	ppbv	
36) Benzene	6.388	78	16684m	0.099	ppbv	
37) 1,2-Dichloroethane	5.832	62	9715	0.111	ppbv #	94
38) Trichloroethene	7.314	130	7088m	0.113	ppbv	
39) 1,2-Dichloropropane	7.095	63	8054m	0.124	ppbv	
40) 1,4-Dioxane	7.362	88	2583m	0.112	ppbv	
41) Tetrahydrofuran	5.623	42	6182m	0.084	ppbv	
42) Bromodichloromethane	7.266	83	13341m	0.106	ppbv	
43) Methyl Methacrylate	7.497	69	5863m	0.086	ppbv	
44) 2,2,4-Trimethylpentane	7.349	57	25878m	0.089	ppbv	
45) t-1,3-Dichloropropene	8.729	75	3263m	0.066	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

Quant Time: May 10 01:59:56 2024

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

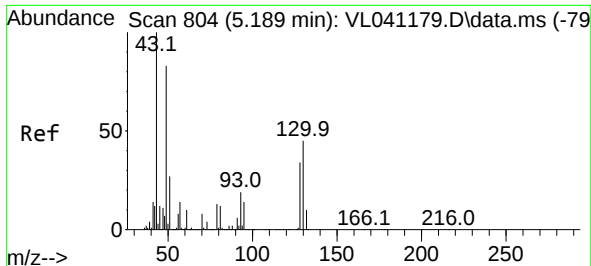
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 10 01:23:08 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.169	75	4846m	0.080	ppbv	
47) 1,1,2-Trichloroethane	8.915	97	6131m	0.095	ppbv	
48) Dibromochloromethane	9.725	129	8868m	0.086	ppbv	
49) Bromoform	12.420	173	6541m	0.074	ppbv	
50) 4-Methyl-2-Pentanone	8.237	43	15872m	0.087	ppbv	
51) 2-Hexanone	9.600	43	10940m	0.081	ppbv	
52) Tetrachloroethene	10.638	164	6381m	0.108	ppbv	
53) Toluene	9.243	91	16464m	0.084	ppbv	
54) 1,2-Dibromoethane	10.031	107	7549m	0.086	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.523	131	7623m	0.103	ppbv	
57) Chlorobenzene	11.536	112	16324m	0.122	ppbv	
58) Ethyl Benzene	12.098	91	22628m	0.090	ppbv	
59) m/p-Xylene	12.391	91	35467m	0.168	ppbv	
60) o-Xylene	13.076	91	16785m	0.085	ppbv	
61) Styrene	12.928	104	7553m	0.072	ppbv	
62) Isopropylbenzene	14.043	105	28401m	0.096	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.076	83	15747m	0.117	ppbv	
64) n-propylbenzene	14.944	120	7277m	0.099	ppbv	
65) tert-Butylbenzene	16.117	119	23419m	0.088	ppbv	
66) Benzyl Chloride	16.365	91	1396m	0.047	ppbv	
67) sec-Butylbenzene	16.657	105	32085m	0.086	ppbv	
69) p-Isopropyltoluene	17.011	119	24579m	0.080	ppbv	
70) n-Butylbenzene	17.918	91	24435m	0.076	ppbv	
71) 2-Chlorotoluene	14.825	91	22615m	0.100	ppbv	
72) 4-Ethyltoluene	15.204	105	19001m	0.085	ppbv	
73) 1,3,5-Trimethylbenzene	15.365	105	18413m	0.091	ppbv	
74) 1,2,4-Trimethylbenzene	16.127	105	17891m	0.081	ppbv	
75) 1,3-Dichlorobenzene	16.346	146	13806m	0.109	ppbv	
76) 1,4-Dichlorobenzene	16.494	146	13813m	0.113	ppbv	
77) 1,2-Dichlorobenzene	17.166	146	13215m	0.104	ppbv	
78) Hexachloro-1,3-Butadiene	22.644	225	11847m	0.105	ppbv	
79) Naphthalene	21.407	128	10225m	0.049	ppbv	
81) 1,2,4-Trichlorobenzene	21.162	180	7104m	0.064	ppbv	

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



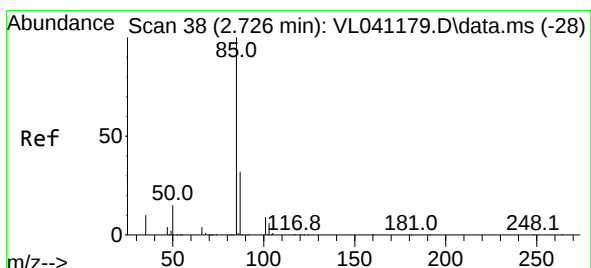
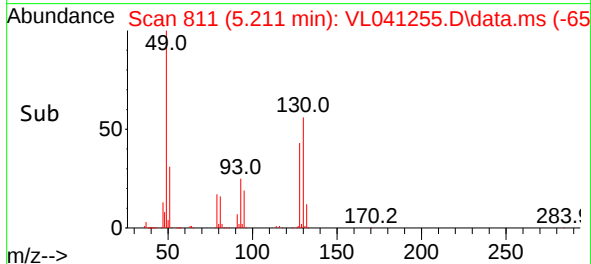
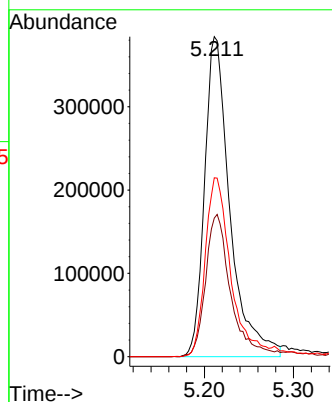
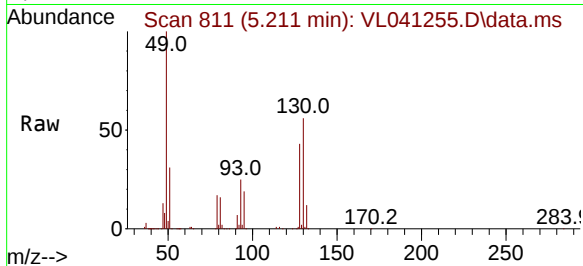
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion: 49 Resp: 75885
Ion Ratio Lower Upper
49 100
128 46.4 21.5 64.5
130 60.0 27.2 81.6

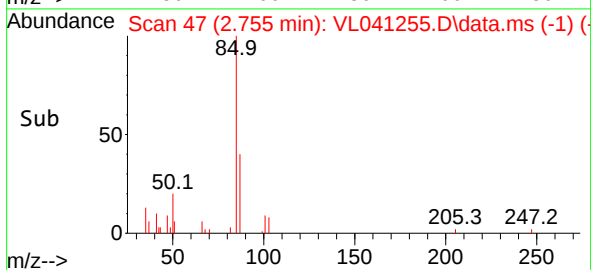
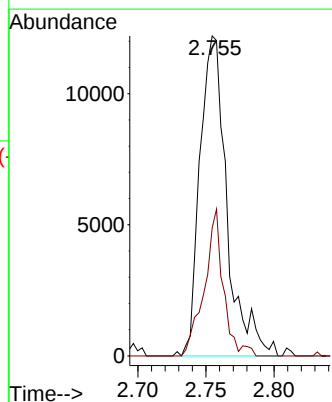
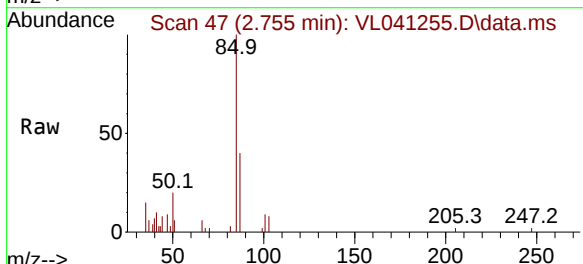
Manual Integrations
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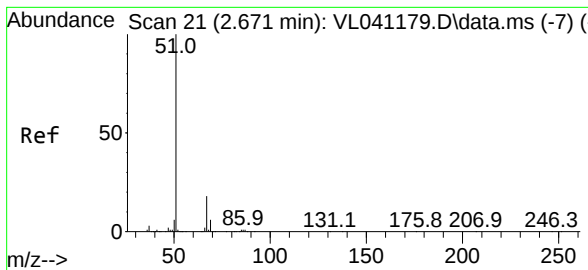
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#2
Dichlorodifluoromethane
Concen: 0.164 ppbv m
RT: 2.755 min Scan# 47
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion: 85 Resp: 16828
Ion Ratio Lower Upper
85 100
87 40.1 25.7 38.5





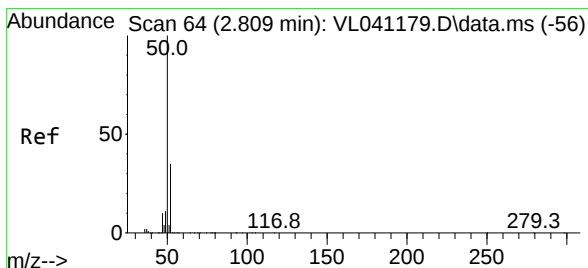
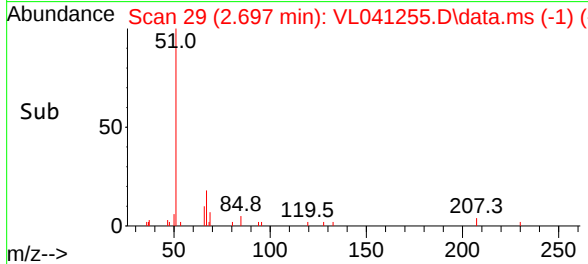
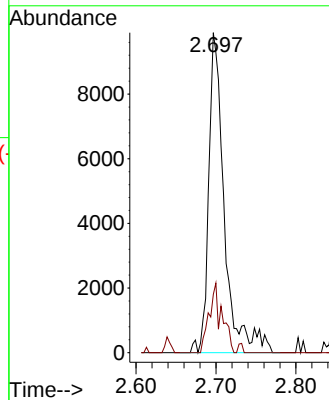
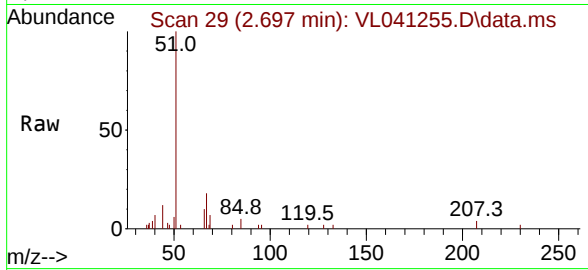
#3
Chlorodifluoromethane
Concen: 0.117 ppbv
RT: 2.697 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2024

Tgt Ion: 51 Resp: 13439
Ion Ratio Lower Upper
51 100
67 18.7 14.0 21.0

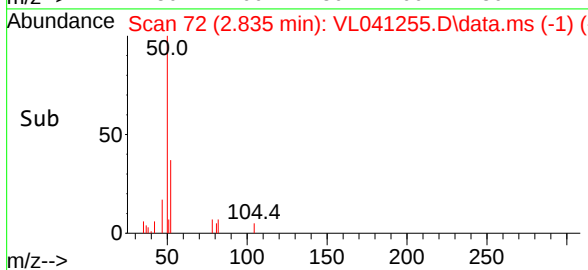
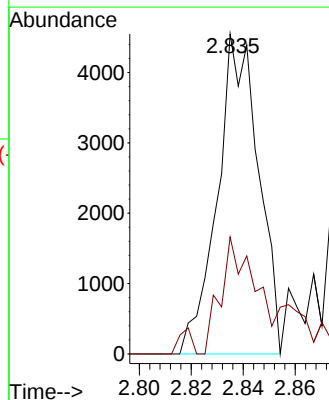
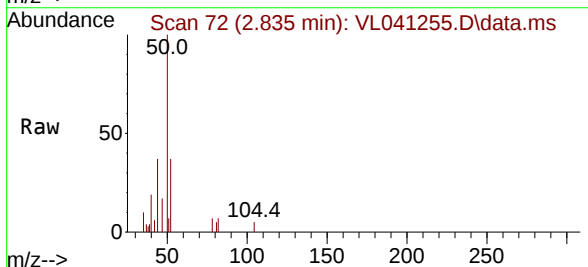
Manual Integrations
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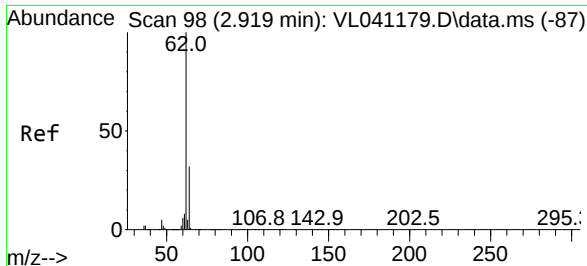
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#4
Chloromethane
Concen: 0.110 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

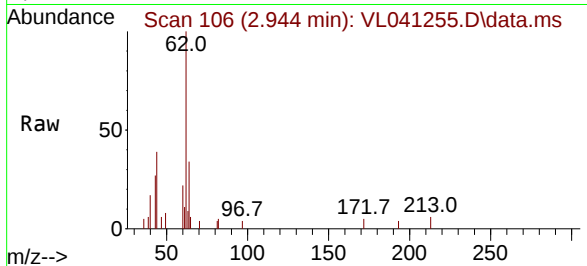
Tgt Ion: 50 Resp: 4982
Ion Ratio Lower Upper
50 100
52 30.7 28.3 42.5





#5
 Vinyl Chloride
 Concen: 0.105 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.010 min
 Lab File: VL041255.D
 Acq: 9 May 2024 12:45

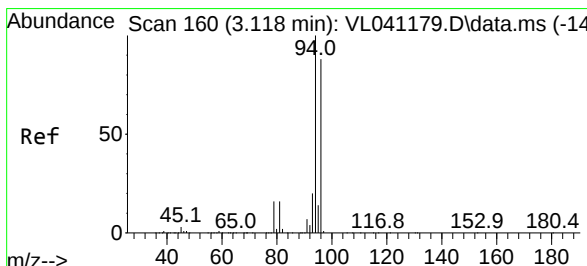
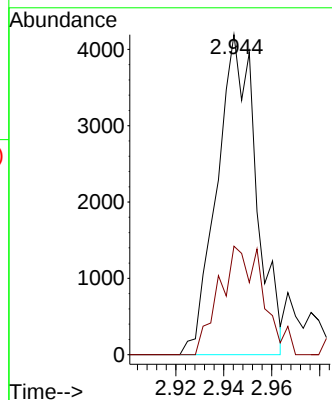
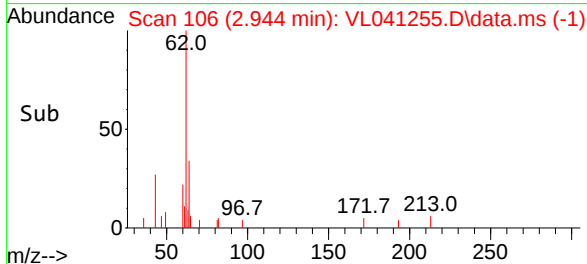
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2024



Tgt Ion: 62 Resp: 4778
 Ion Ratio Lower Upper
 62 100
 64 39.5 25.7 38.5

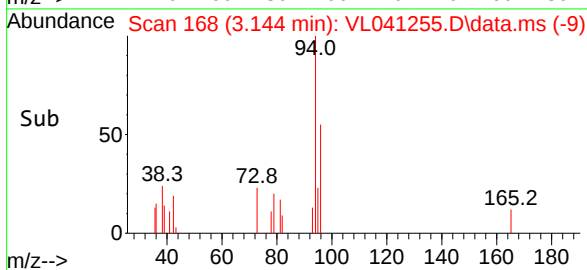
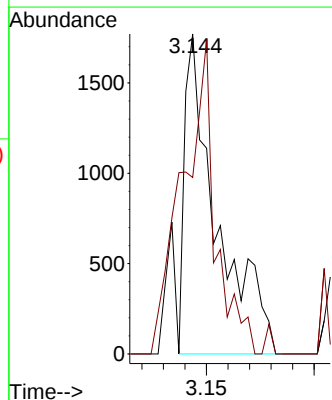
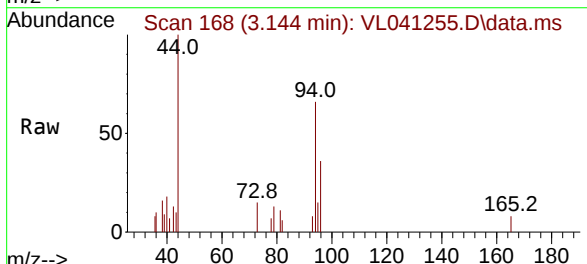
Manual Integrations
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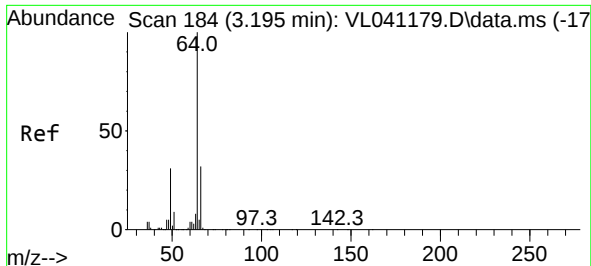
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#6
 Bromomethane
 Concen: 0.111 ppbv m
 RT: 3.144 min Scan# 168
 Delta R.T. 0.010 min
 Lab File: VL041255.D
 Acq: 9 May 2024 12:45

Tgt Ion: 94 Resp: 1844
 Ion Ratio Lower Upper
 94 100
 96 55.2 70.1 105.1





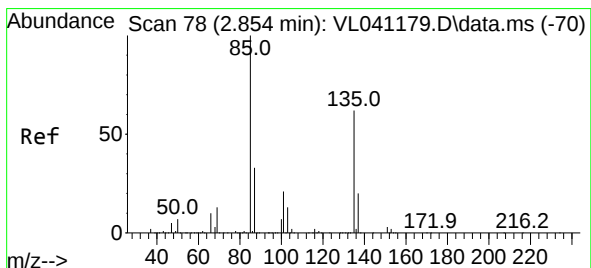
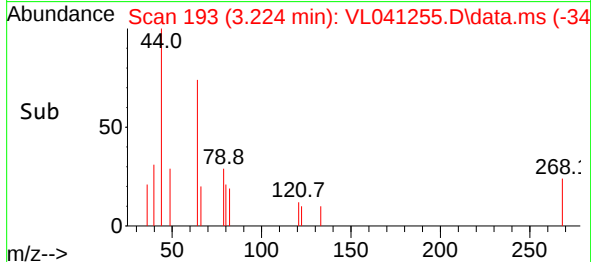
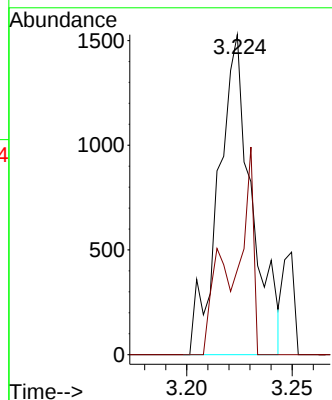
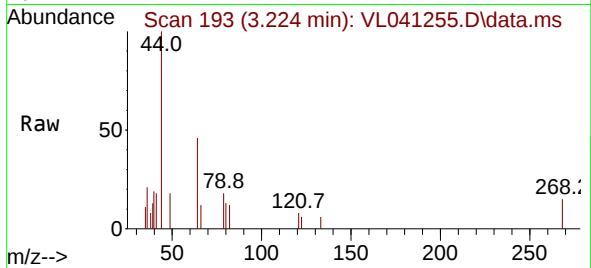
#7
Chloroethane
Concen: 0.105 ppbv m
RT: 3.224 min Scan# 193
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 26.5 25.4 38.2

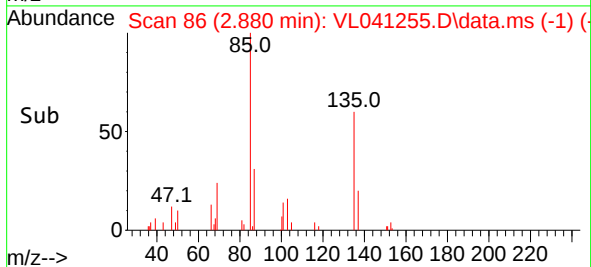
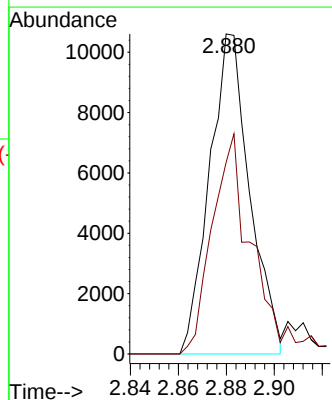
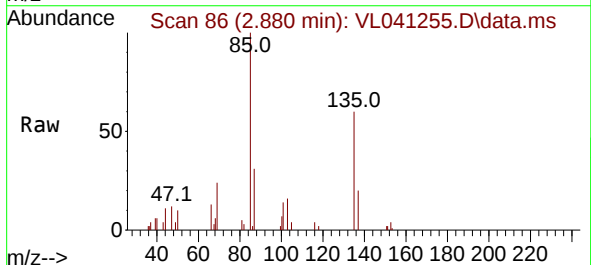
Manual Integrations
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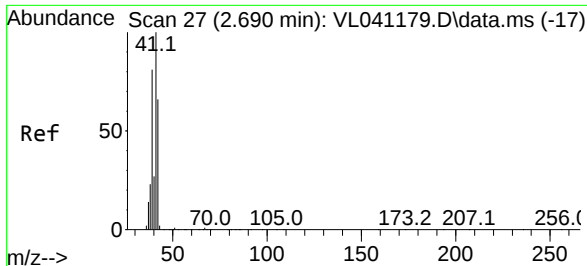
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#8
Dichlorotetrafluoroethane
Concen: 0.116 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion: 85 Resp: 12371
Ion Ratio Lower Upper
85 100
135 69.5 51.5 77.3





#9

Propene

Concen: 0.163 ppbv m

RT: 2.719 min Scan# 30

Delta R.T. 0.010 min

Lab File: VL041255.D

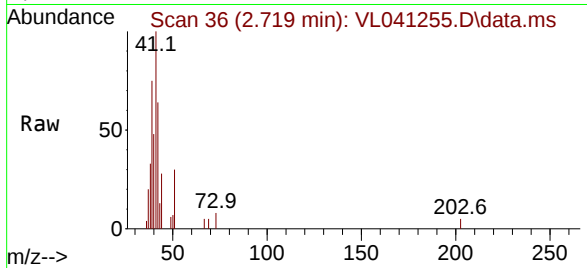
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Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2024

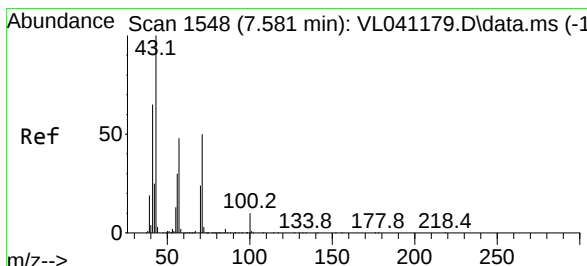
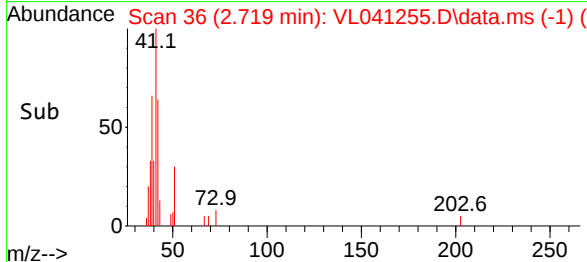
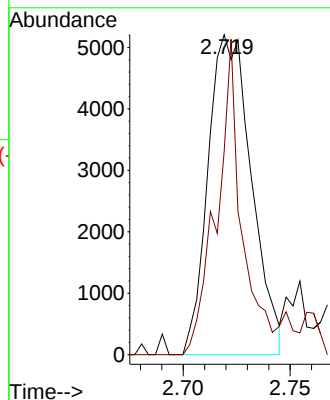


Tgt Ion:	41	Resp:	7339
Ion Ratio	Lower	Upper	
41	100		
42	6.6	55.3	82.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#10

Heptane

Concen: 0.092 ppbv m

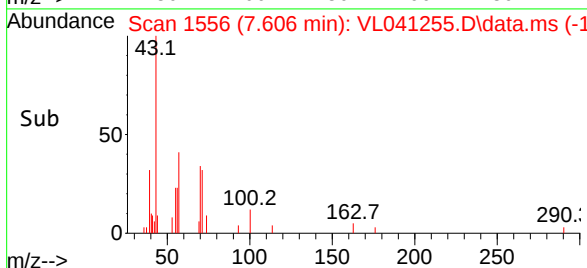
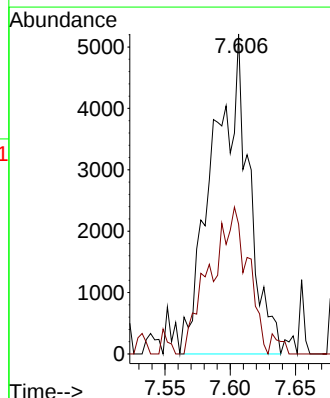
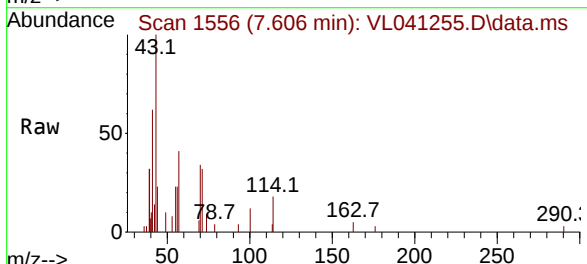
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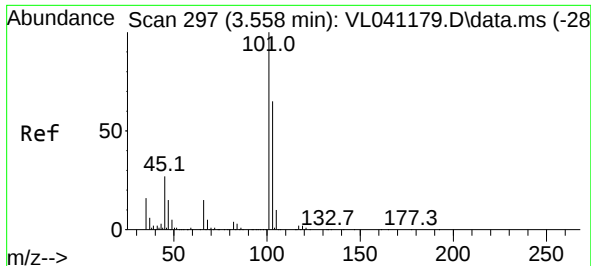
Delta R.T. 0.010 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Tgt Ion:	43	Resp:	10030
Ion Ratio	Lower	Upper	
43	100		
57	52.9	38.7	58.1





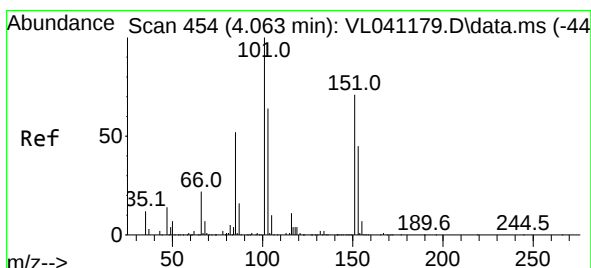
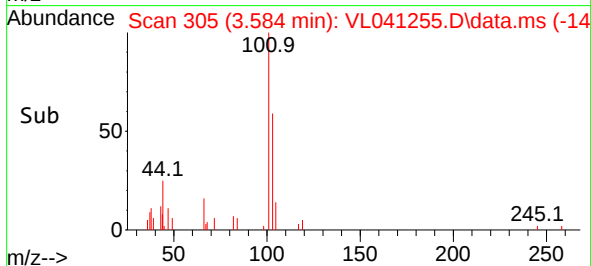
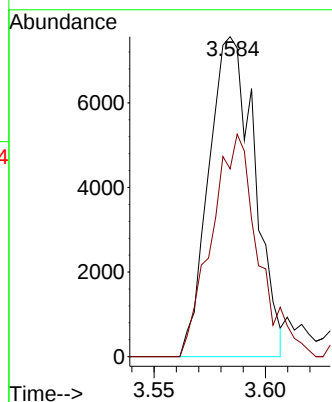
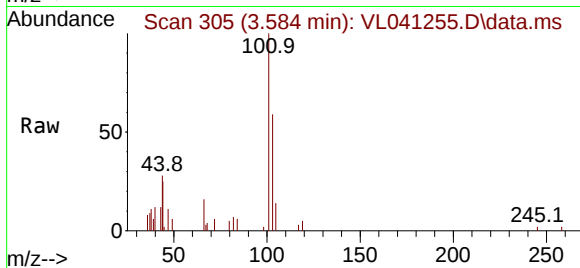
#11
Trichlorofluoromethane
Concen: 0.104 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion:101 Resp: 10800
Ion Ratio Lower Upper
101 100
103 58.7 51.6 77.4

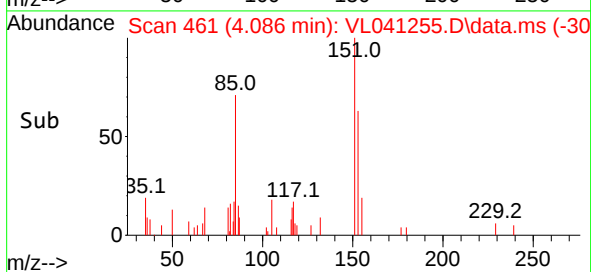
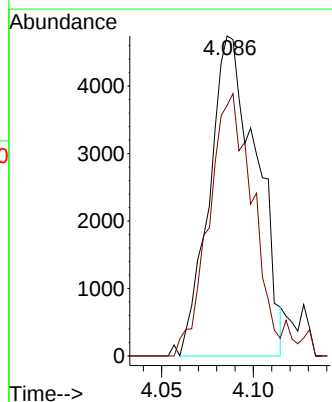
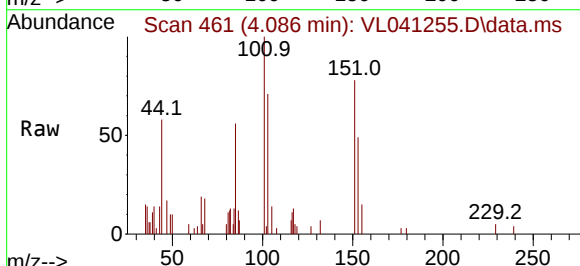
Manual Integrations
APPROVED

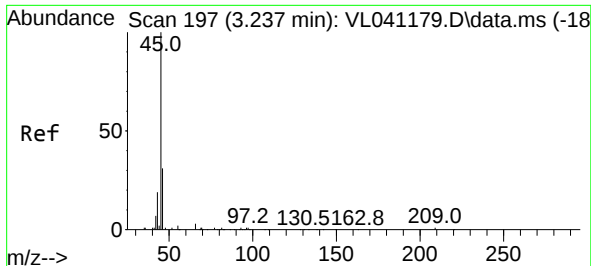
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.110 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion:101 Resp: 8456
Ion Ratio Lower Upper
101 100
151 79.7 56.8 85.2





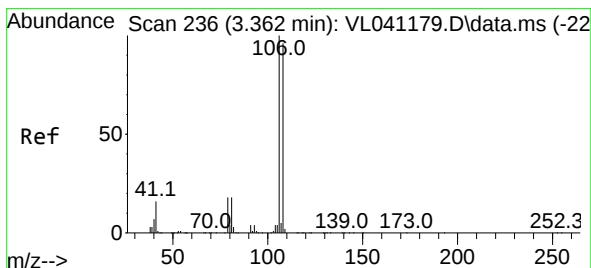
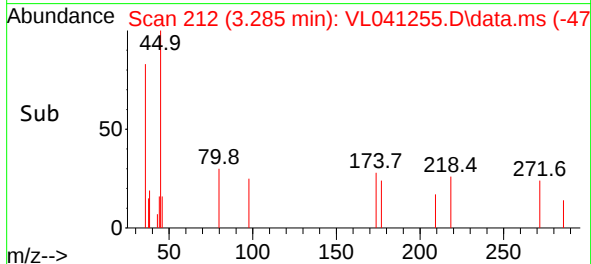
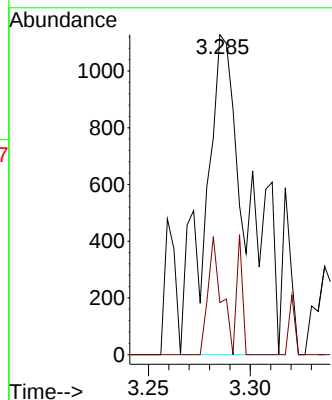
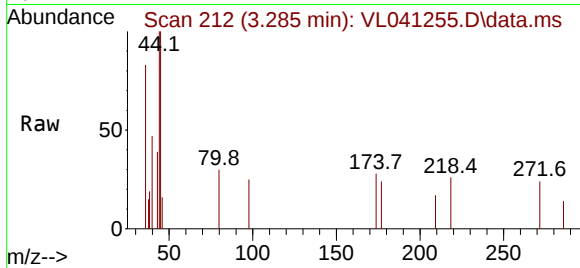
#13
Ethanol
Concen: 0.164 ppbv m
RT: 3.285 min Scan# 212
Delta R.T. 0.029 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion: 45 Resp: 166
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0

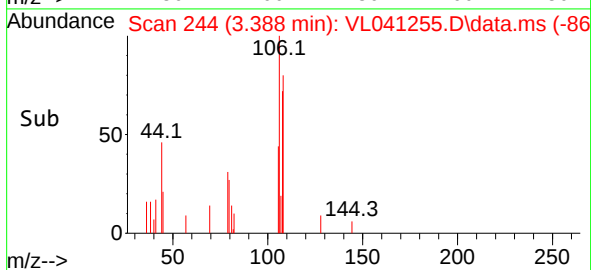
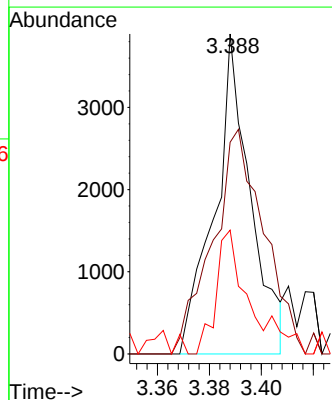
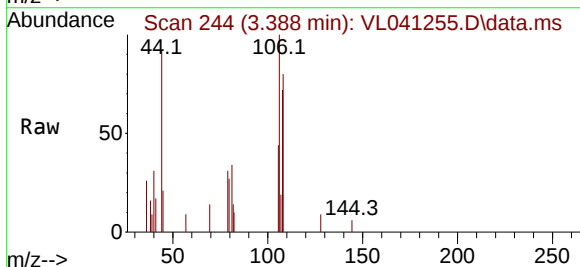
Manual Integrations
APPROVED

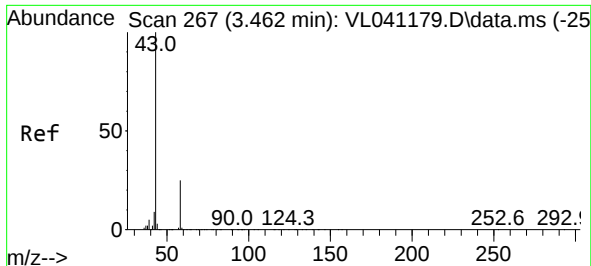
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#14
Bromoethene
Concen: 0.117 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

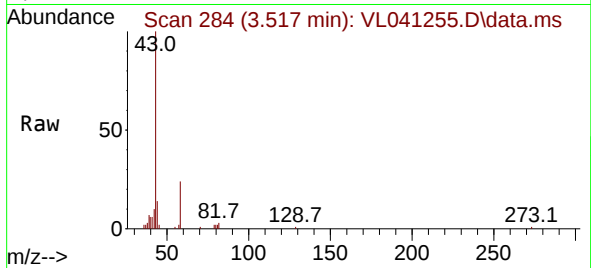
Tgt Ion:108 Resp: 3715
Ion Ratio Lower Upper
108 100
106 101.8 88.2 132.4
79 43.3 17.4 26.0





#15
Acetone
Concen: 0.231 ppbv
RT: 3.517 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

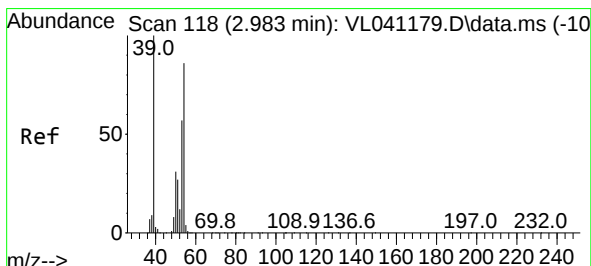
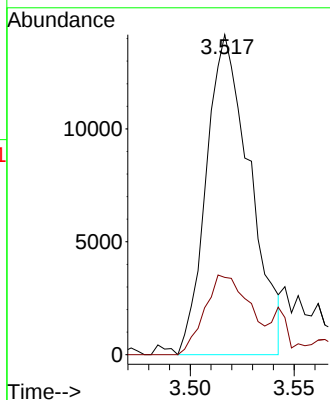
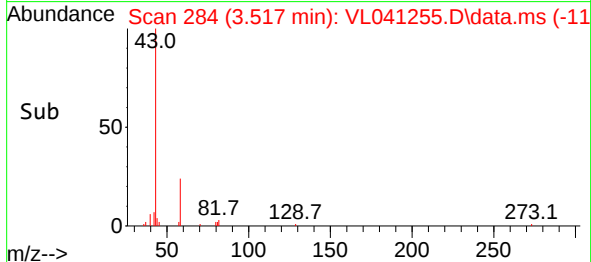
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
58 34.6 21.4 32.0

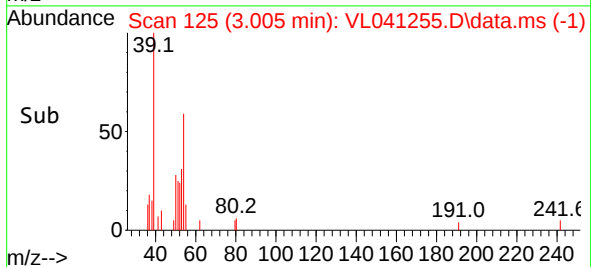
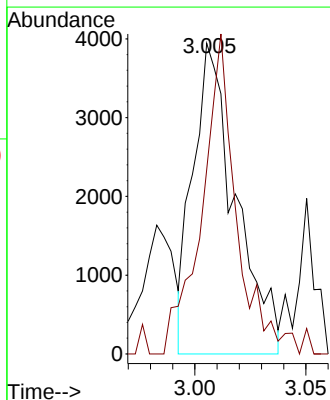
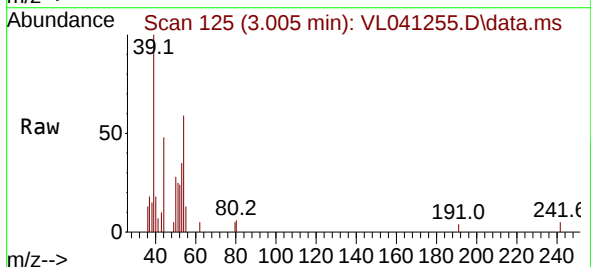
Manual Integrations
APPROVED

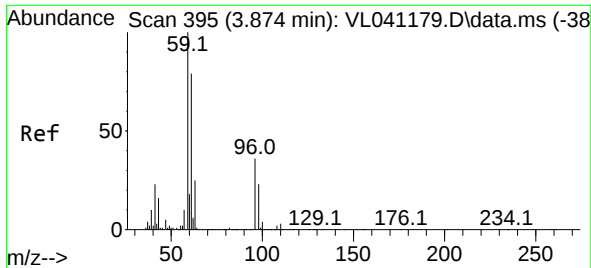
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#16
1,3-Butadiene
Concen: 0.117 ppbv m
RT: 3.005 min Scan# 125
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion: 39 Resp: 5268
Ion Ratio Lower Upper
39 100
54 0.0 62.2 93.4





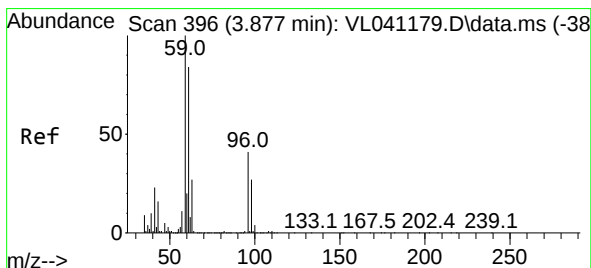
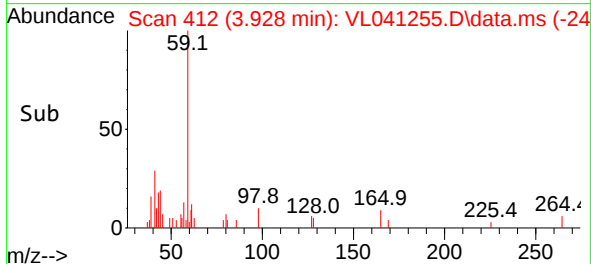
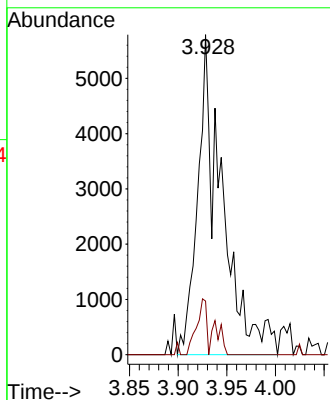
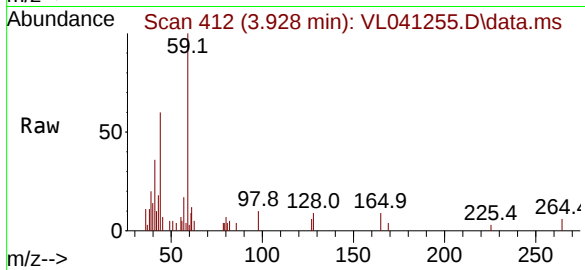
#17
tert-Butyl alcohol
Concen: 0.104 ppbv m
RT: 3.928 min Scan# 412
Delta R.T. 0.039 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion: 59 Resp: 10050
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6

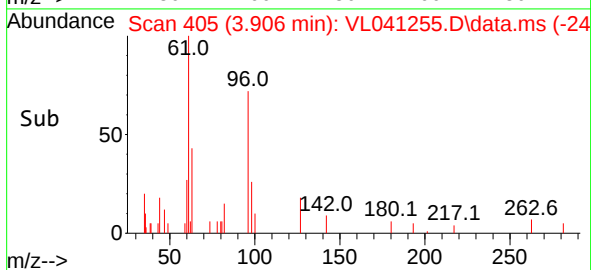
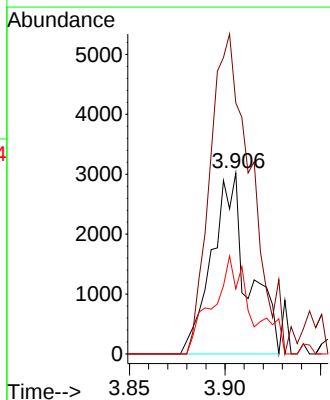
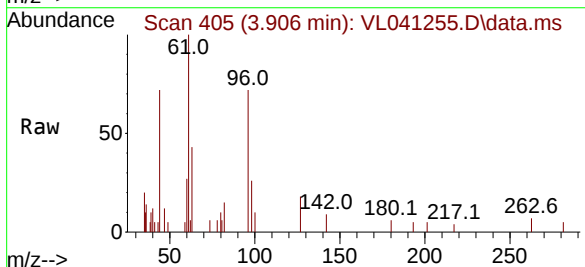
Manual Integrations
APPROVED

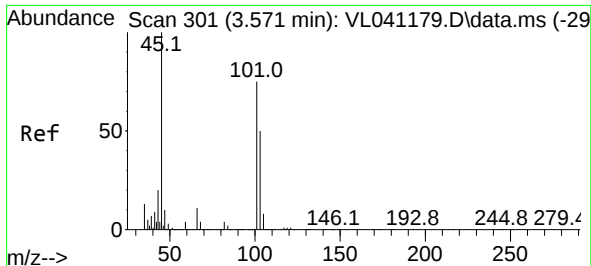
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#18
1,1-Dichloroethene
Concen: 0.115 ppbv m
RT: 3.906 min Scan# 405
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

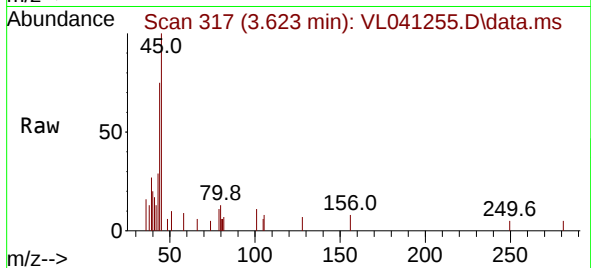
Tgt Ion: 96 Resp: 3969
Ion Ratio Lower Upper
96 100
61 138.6 164.4 246.6#
98 36.0 51.8 77.8#





#19
Isopropyl Alcohol
Concen: 0.111 ppbv m
RT: 3.623 min Scan# 317
Delta R.T. 0.032 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

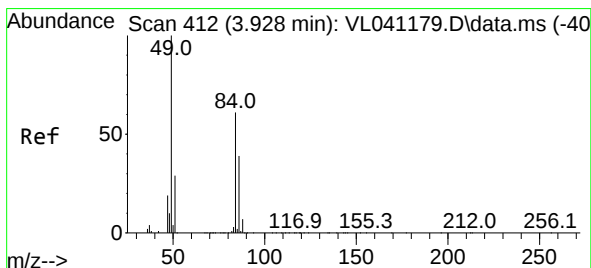
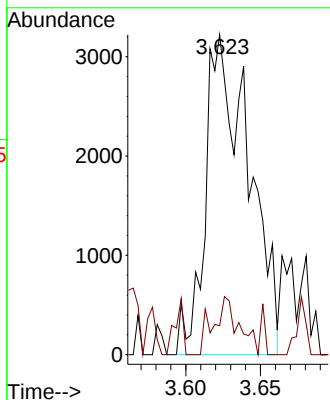
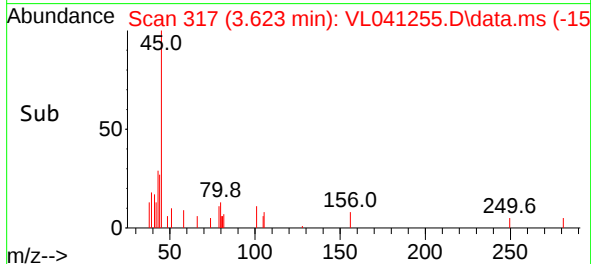
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



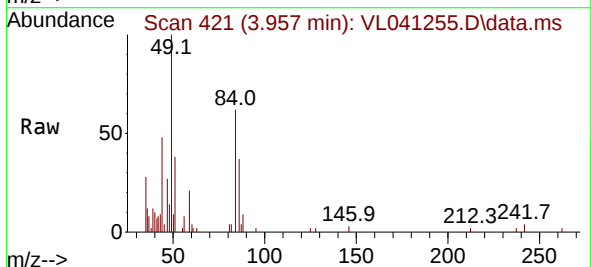
Tgt Ion: 45 Resp: 6519
Ion Ratio Lower Upper
45 100
58 3.3 26.8 40.2

Manual Integrations
APPROVED

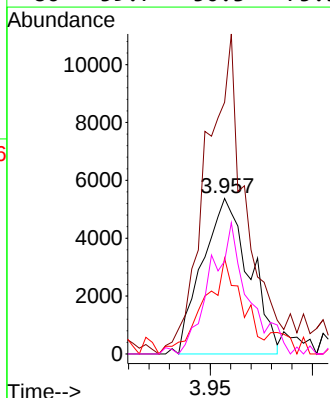
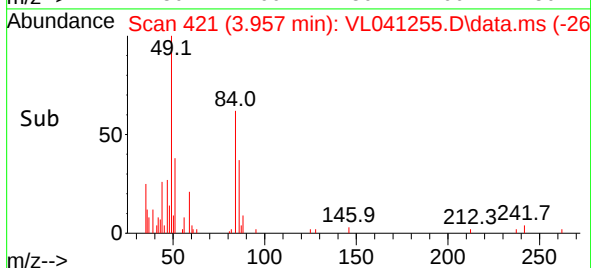
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

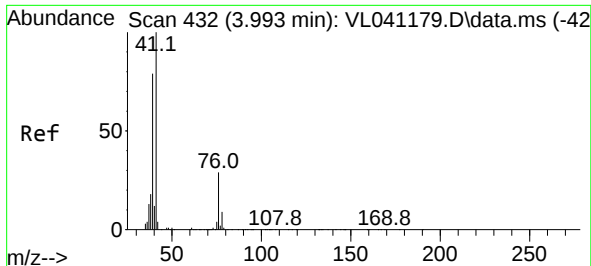


#20
Methylene Chloride
Concen: 0.275 ppbv m
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45



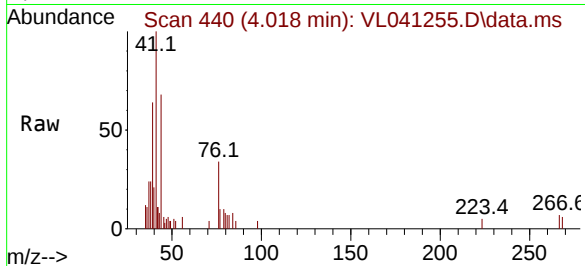
Tgt Ion: 84 Resp: 8566
Ion Ratio Lower Upper
84 100
49 161.8 130.4 195.6
51 61.5 38.0 57.0#
86 59.7 50.3 75.5





#21
Allyl Chloride
Concen: 0.118 ppbv m
RT: 4.018 min Scan# 440
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

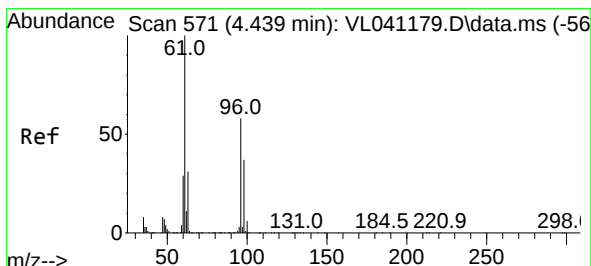
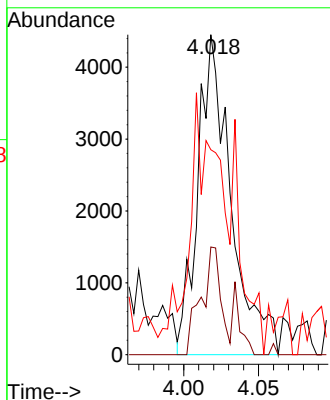
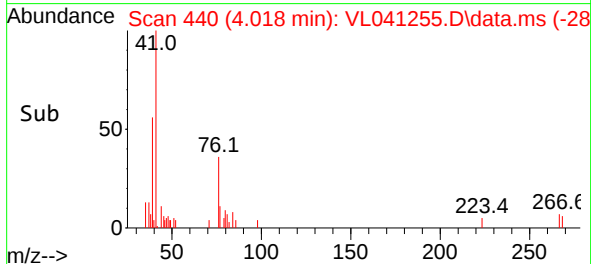
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion: 41 Resp: 6860
Ion Ratio Lower Upper
41 100
76 25.0 23.7 35.5
39 113.3 64.7 97.1

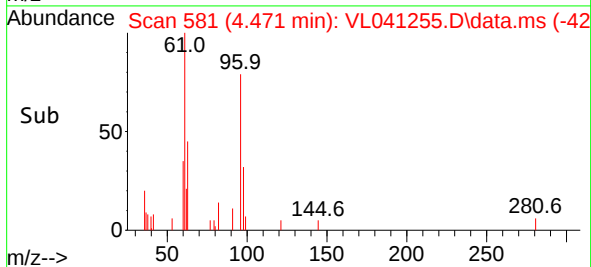
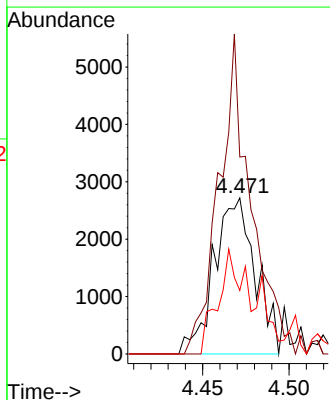
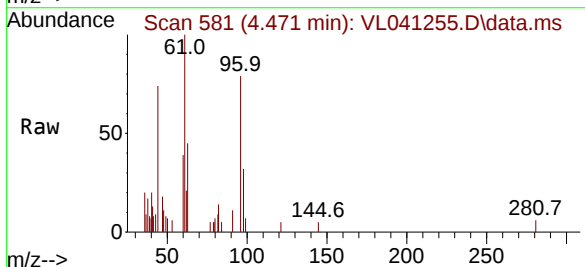
Manual Integrations
APPROVED

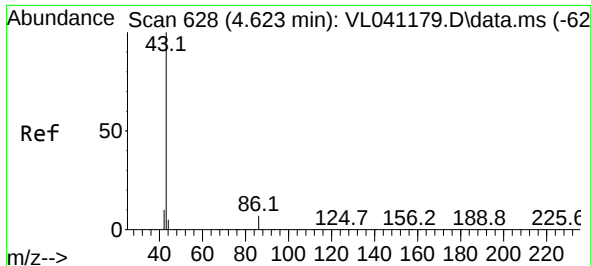
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#22
trans-1,2-Dichloroethene
Concen: 0.126 ppbv m
RT: 4.471 min Scan# 581
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

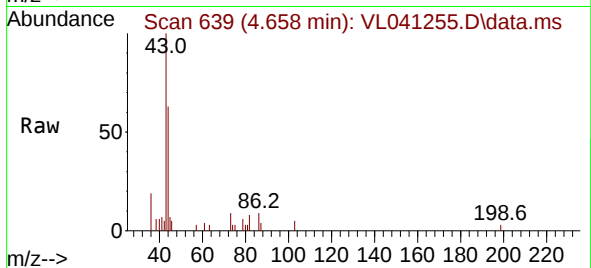
Tgt Ion: 96 Resp: 4499
Ion Ratio Lower Upper
96 100
61 126.3 137.6 206.4#
98 40.7 50.6 76.0#





#23
 Vinyl Acetate
 Concen: 0.089 ppbv m
 RT: 4.658 min Scan# 616
 Delta R.T. 0.019 min
 Lab File: VL041255.D
 Acq: 9 May 2024 12:45

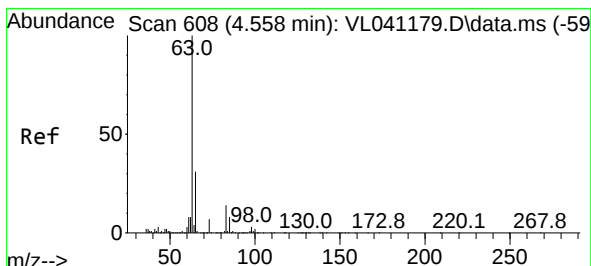
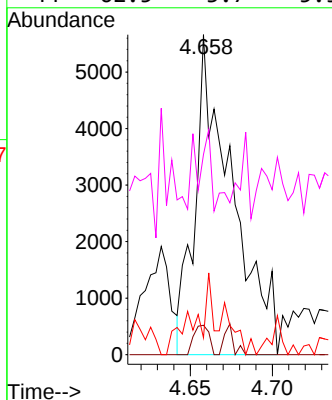
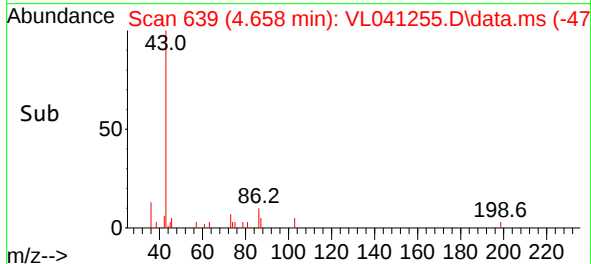
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2024



Tgt Ion: 43 Resp: 8800
 Ion Ratio Lower Upper
 43 100
 86 9.2 4.9 7.3#
 42 5.3 8.0 12.0#
 44 62.5 3.7 5.5#

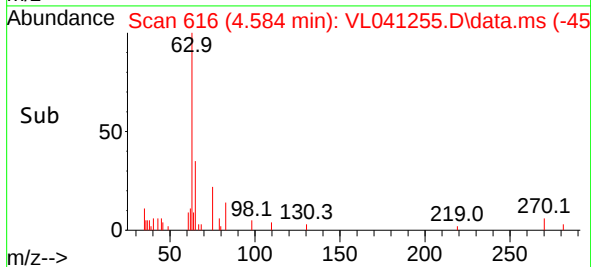
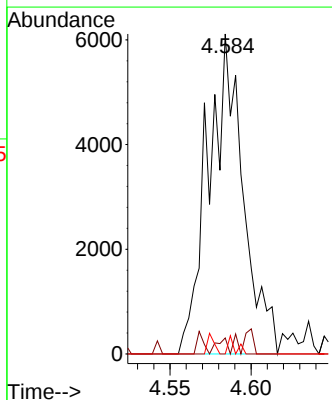
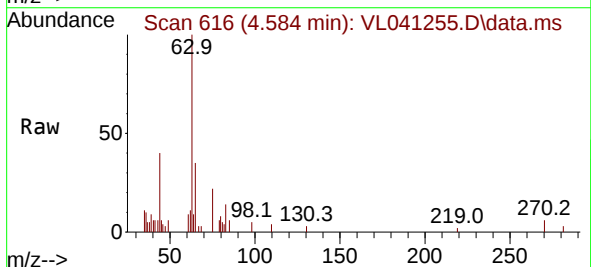
Manual Integrations
 APPROVED

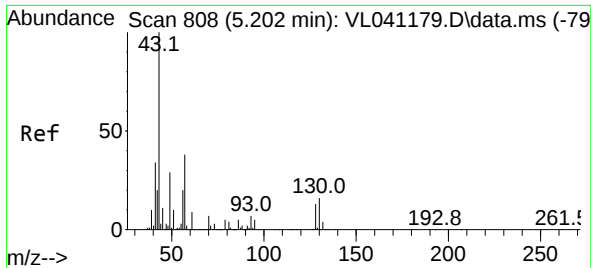
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#24
 1,1-Dichloroethane
 Concen: 0.120 ppbv m
 RT: 4.584 min Scan# 616
 Delta R.T. 0.006 min
 Lab File: VL041255.D
 Acq: 9 May 2024 12:45

Tgt Ion: 63 Resp: 9181
 Ion Ratio Lower Upper
 63 100
 98 5.0 1.6 4.8#
 100 0.0 1.1 3.5#





#25

Ethyl Acetate

Concen: 0.095 ppbv m

RT: 5.237 min Scan# 819

Delta R.T. 0.016 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

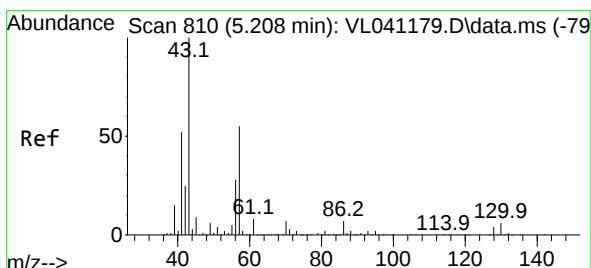
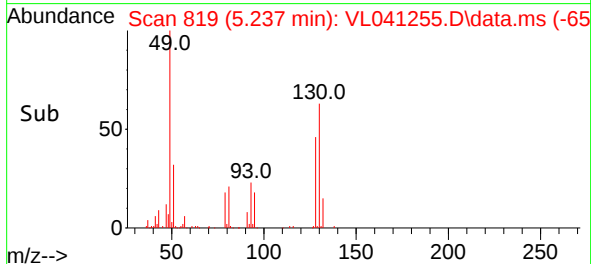
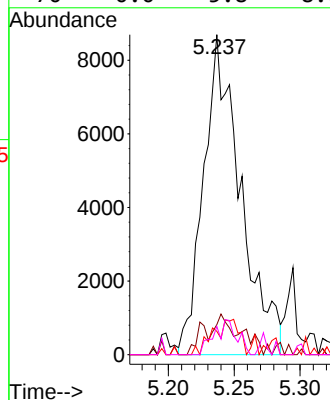
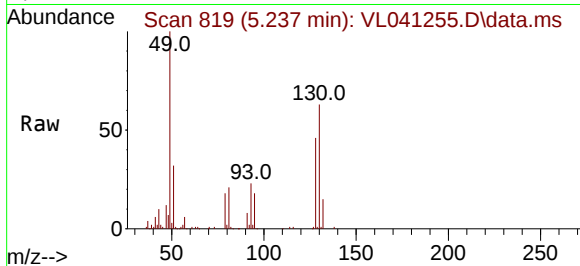
MDL-AIR-03-QT2-2024

Tgt Ion: 43	Resp: 16970
Ion Ratio	Lower Upper
43 100	
45 13.1	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 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#26

Hexane

Concen: 0.102 ppbv m

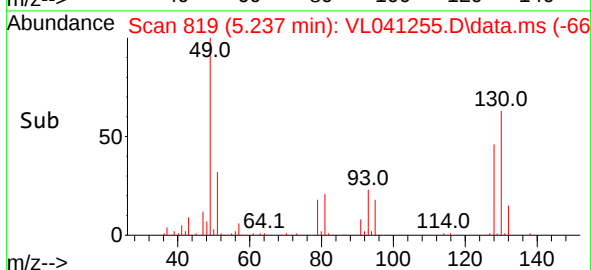
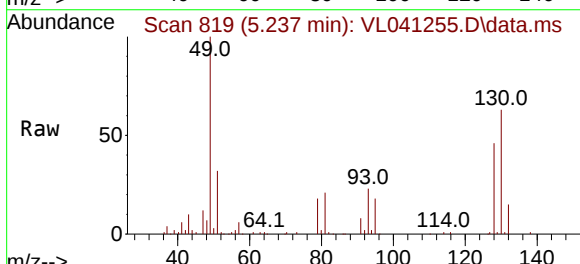
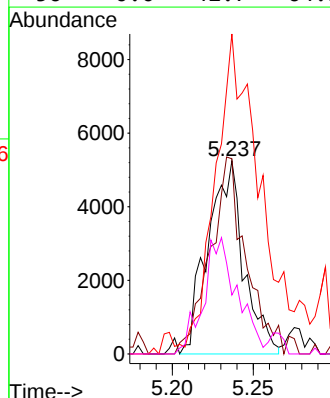
RT: 5.237 min Scan# 819

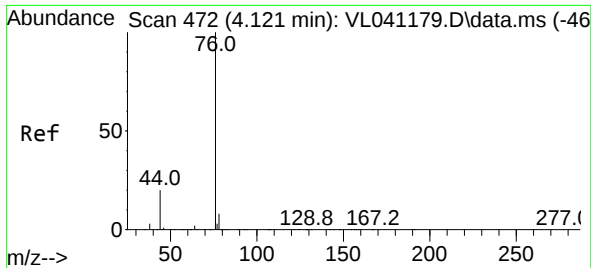
Delta R.T. 0.010 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

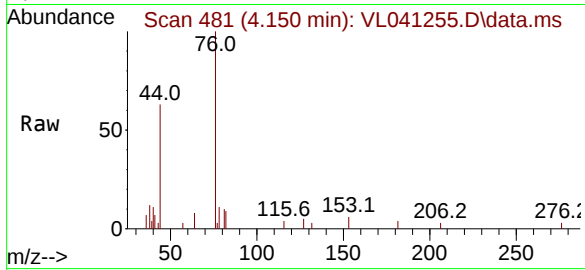
Tgt Ion: 57	Resp: 8117
Ion Ratio	Lower Upper
57 100	
41 103.9	75.8 113.8
43 236.5	187.0 280.4
56 0.0	42.7 64.1





#27
Carbon Disulfide
Concen: 0.091 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

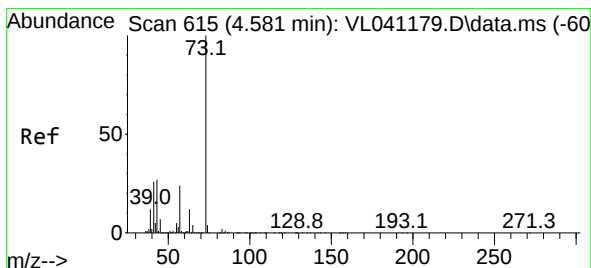
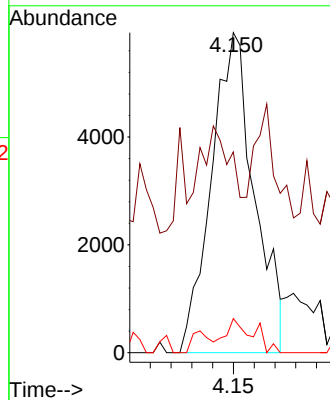
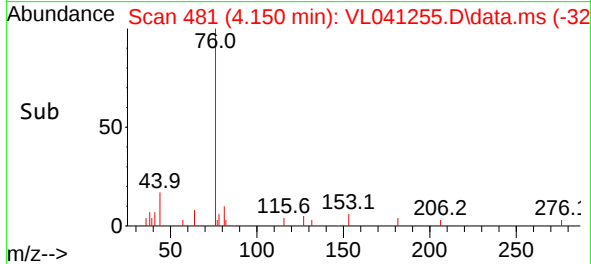
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion: 76 Resp: 855
Ion Ratio Lower Upper
76 100
44 0.0 16.3 24.5
78 9.6 7.3 10.9

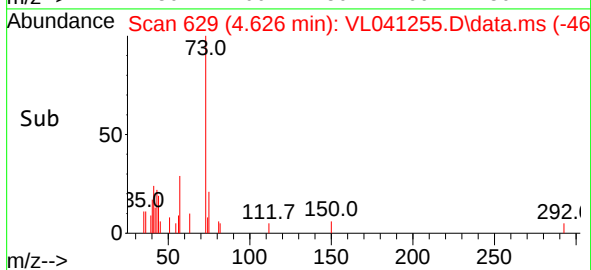
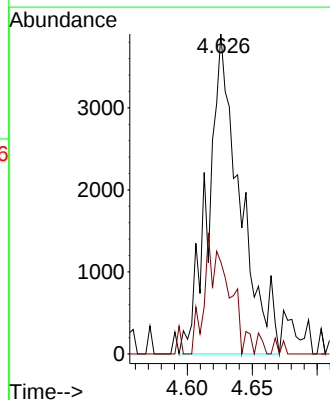
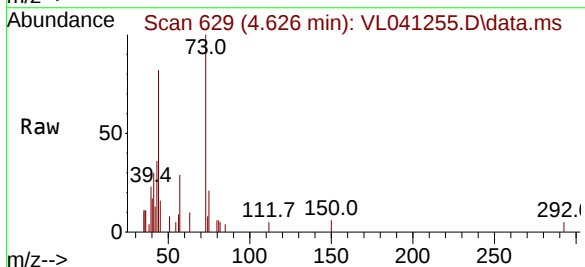
Manual Integrations
APPROVED

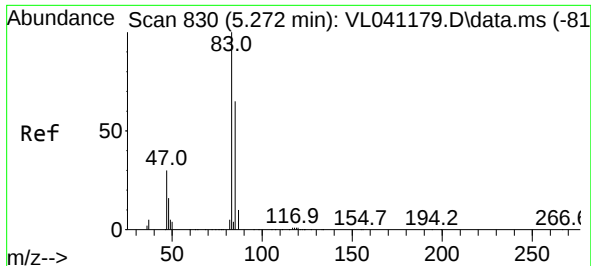
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#28
Methyl tert-Butyl Ether
Concen: 0.105 ppbv m
RT: 4.626 min Scan# 629
Delta R.T. 0.026 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion: 73 Resp: 6665
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.102 ppbv

RT: 5.291 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

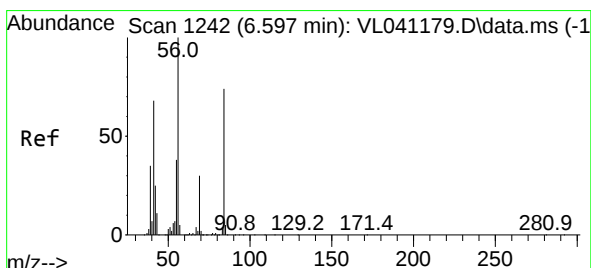
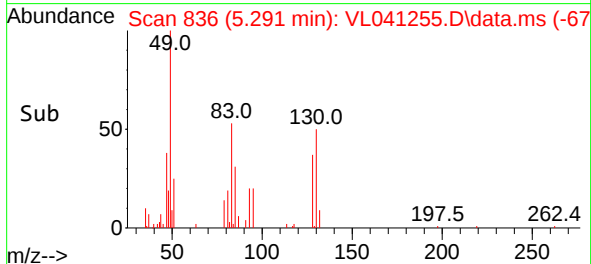
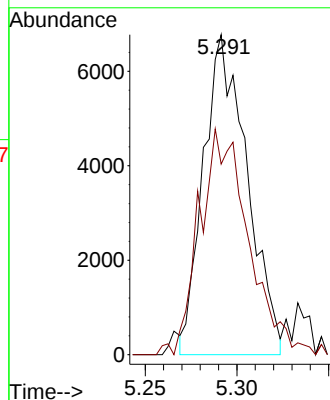
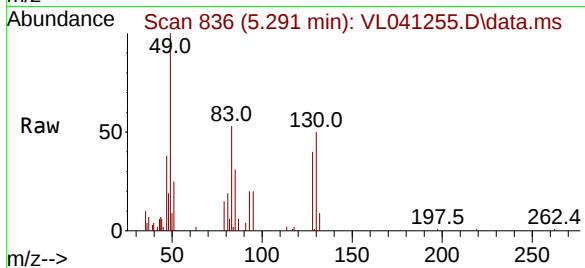
MDL-AIR-03-QT2-2024

Tgt Ion: 83 Resp: 1117
 Ion Ratio Lower Upper
 83 100
 85 54.7 51.7 77.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#30

Cyclohexane

Concen: 0.096 ppbv m

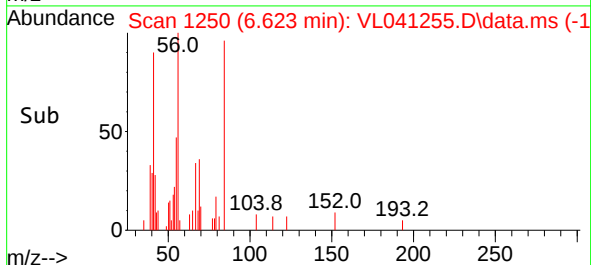
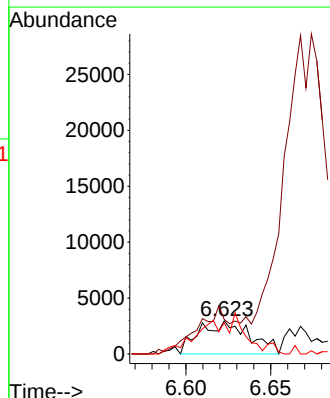
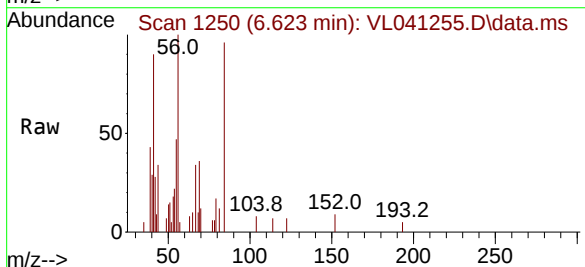
RT: 6.623 min Scan# 1250

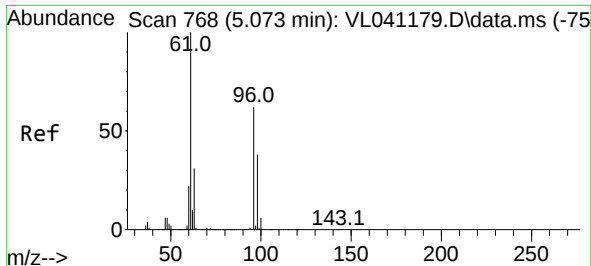
Delta R.T. 0.006 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

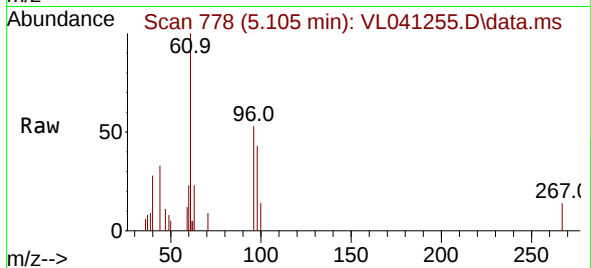
Tgt Ion: 84 Resp: 6042
 Ion Ratio Lower Upper
 84 100
 56 0.0 116.8 175.2#
 41 0.0 73.8 110.8#





#31
cis-1,2-Dichloroethene
Concen: 0.110 ppbv m
RT: 5.105 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

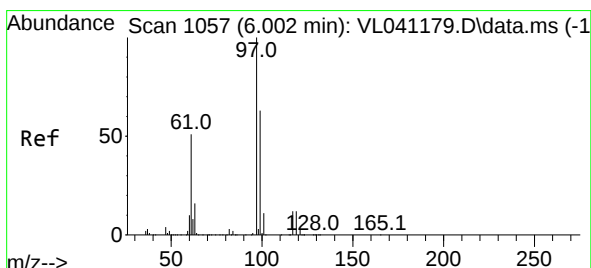
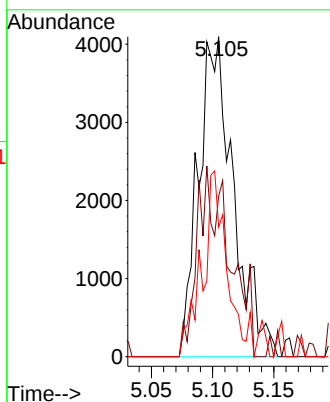
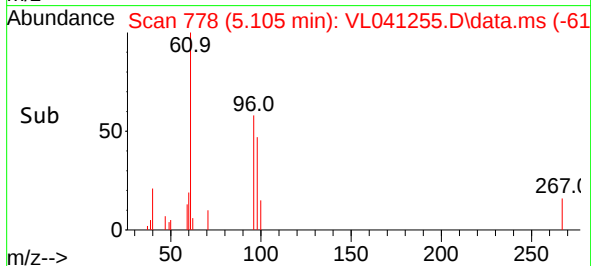
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion: 61 Resp: 819
Ion Ratio Lower Upper
61 100
96 52.8 49.8 74.6
98 42.7 30.0 45.0

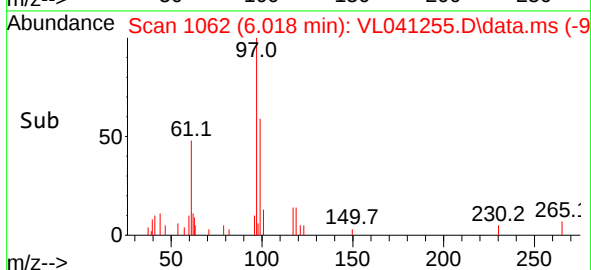
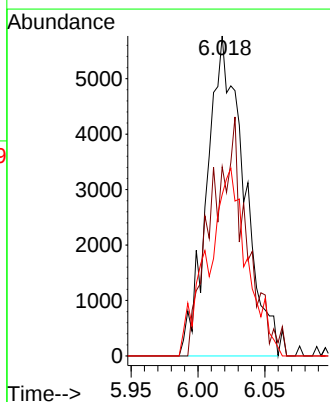
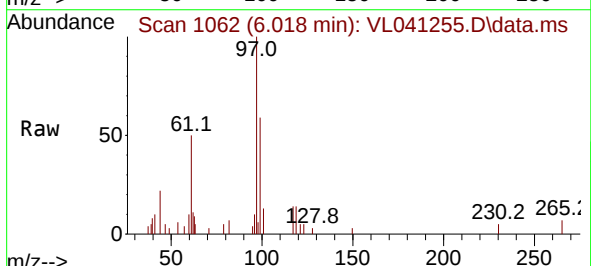
Manual Integrations
APPROVED

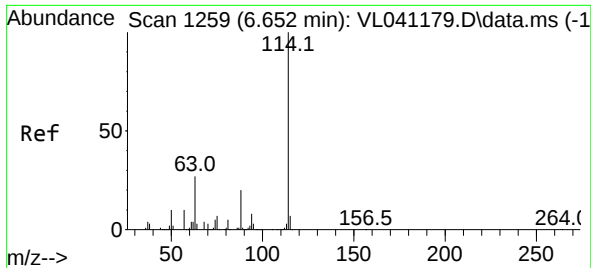
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#32
1,1,1-Trichloroethane
Concen: 0.100 ppbv m
RT: 6.018 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion: 97 Resp: 11015
Ion Ratio Lower Upper
97 100
99 71.8 51.7 77.5
61 62.8 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2024

Tgt Ion:114 Resp: 200359

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

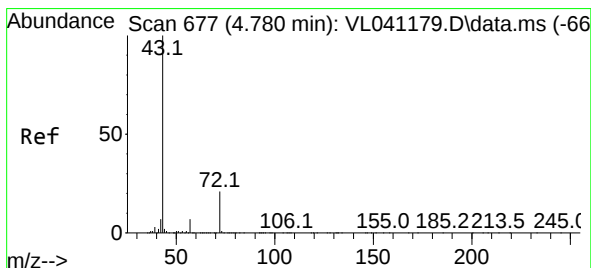
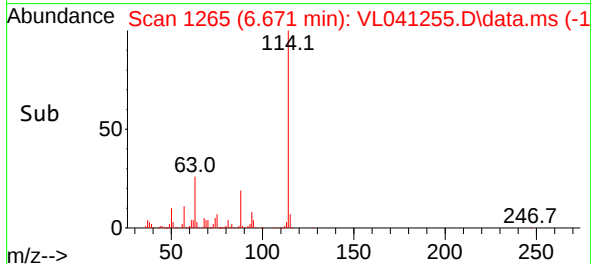
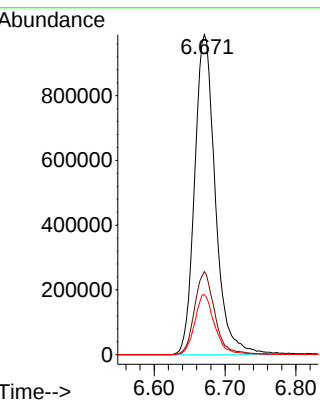
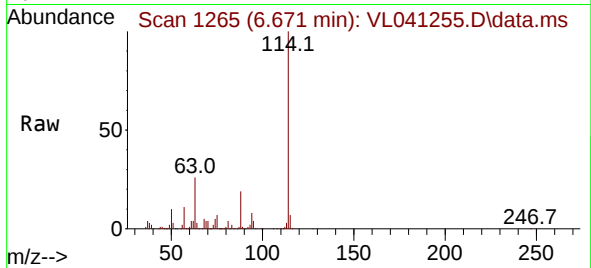
88 18.4 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#34

2-Butanone

Concen: 0.134 ppbv m

RT: 4.828 min Scan# 692

Delta R.T. 0.029 min

Lab File: VL041255.D

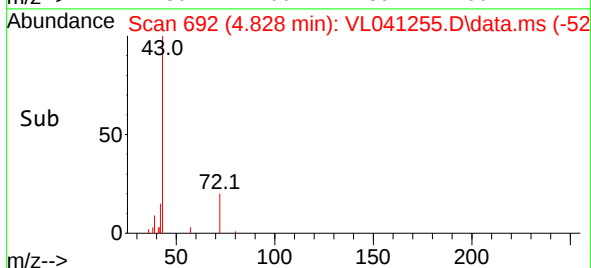
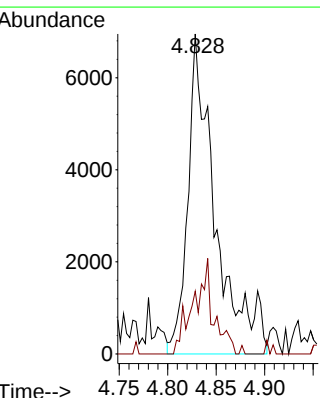
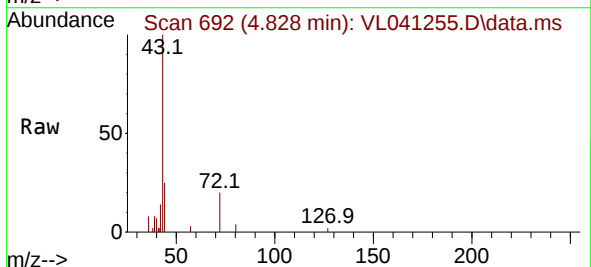
Acq: 9 May 2024 12:45

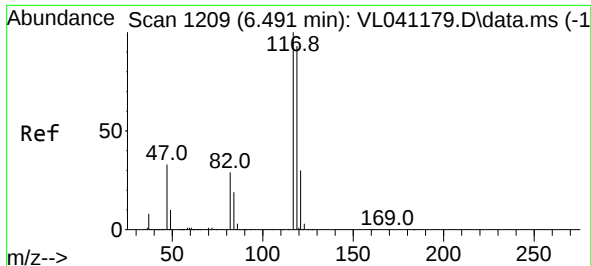
Tgt Ion: 43 Resp: 13646

Ion Ratio Lower Upper

43 100

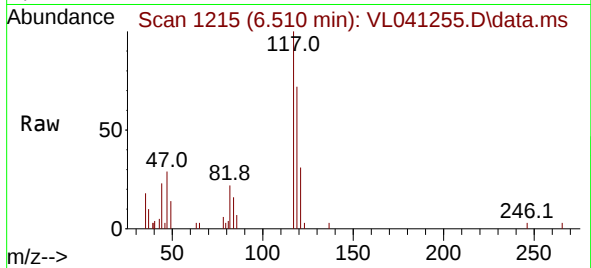
72 0.0 17.3 25.9#





#35
Carbon Tetrachloride
Concen: 0.106 ppbv m
RT: 6.510 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

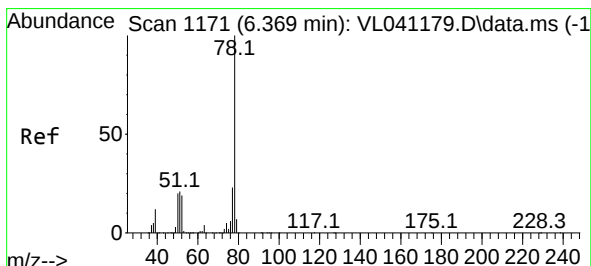
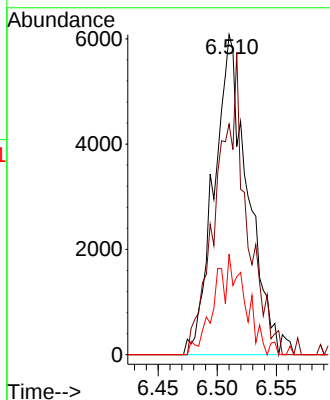
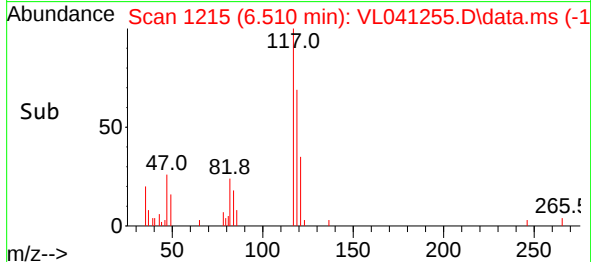
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2024



Tgt Ion: 117 Resp: 11894
Ion Ratio Lower Upper
117 100
119 72.0 74.3 111.5
121 31.4 23.8 35.8

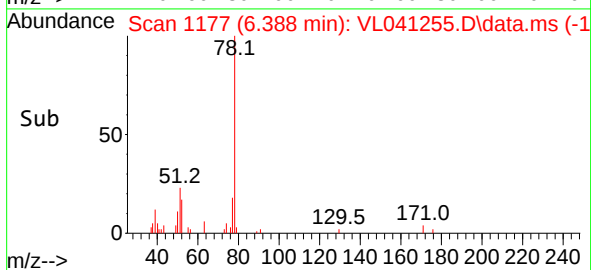
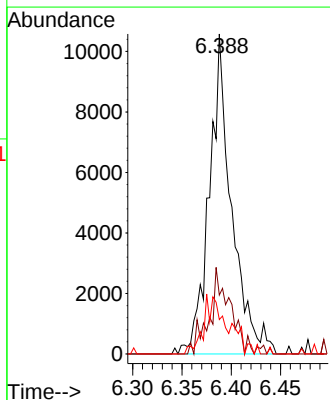
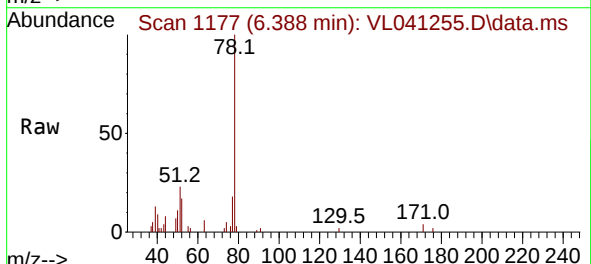
Manual Integrations
APPROVED

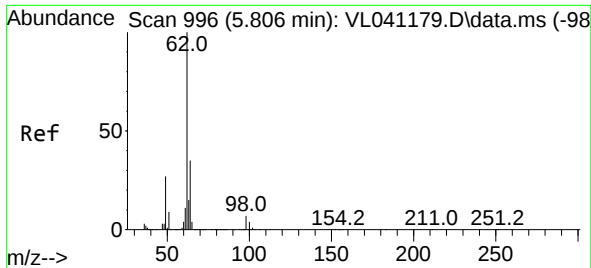
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#36
Benzene
Concen: 0.099 ppbv m
RT: 6.388 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

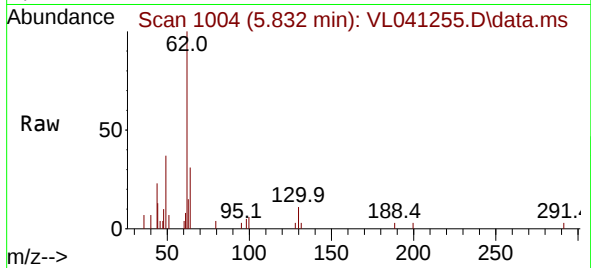
Tgt Ion: 78 Resp: 16684
Ion Ratio Lower Upper
78 100
77 18.4 18.3 27.5
50 10.7 15.9 23.9





#37
1,2-Dichloroethane
Concen: 0.111 ppbv
RT: 5.832 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

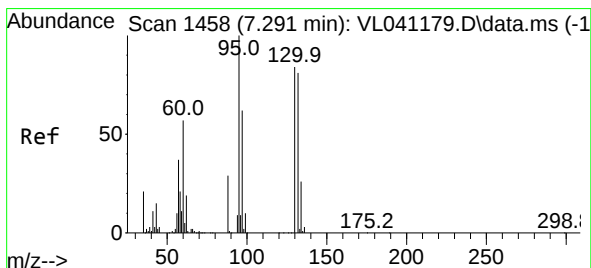
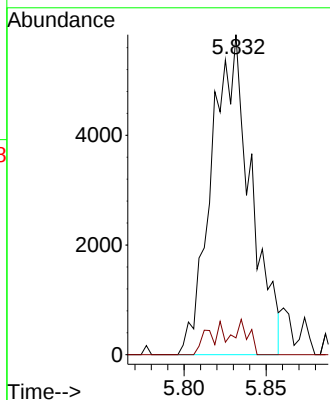
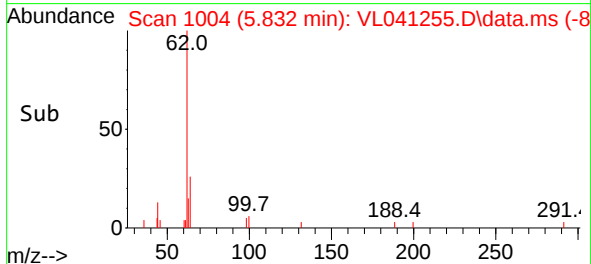
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



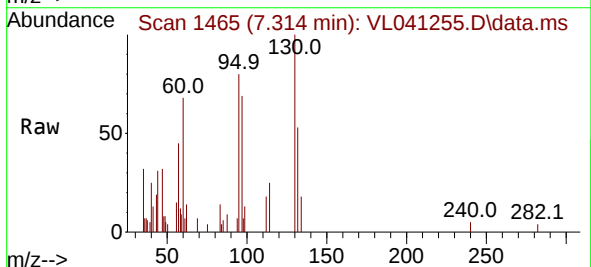
Tgt Ion: 62 Resp: 9715
Ion Ratio Lower Upper
62 100
98 8.2 5.0 7.4

Manual Integrations
APPROVED

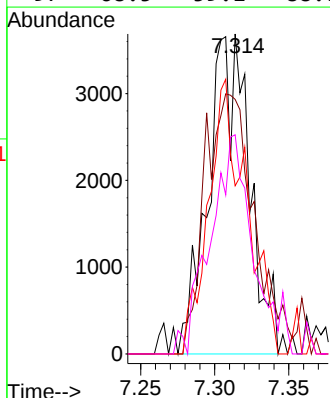
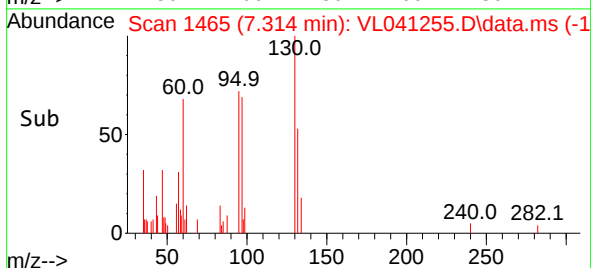
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

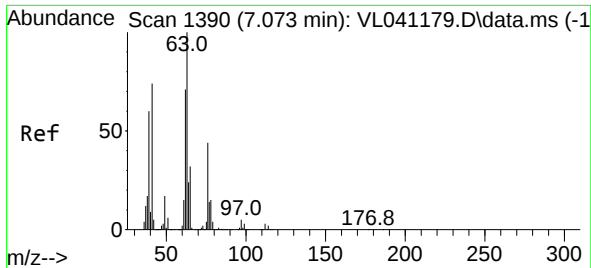


#38
Trichloroethene
Concen: 0.113 ppbv m
RT: 7.314 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45



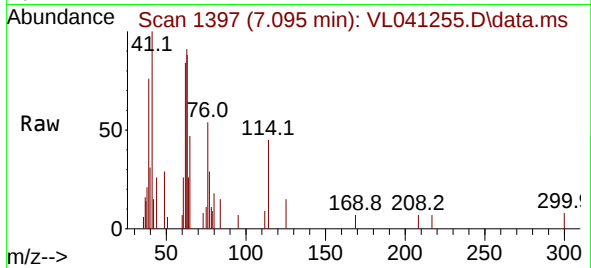
Tgt Ion:130 Resp: 7088
Ion Ratio Lower Upper
130 100
95 79.5 95.0 142.6#
132 52.6 77.0 115.4#
97 68.5 59.1 88.7





#39
1,2-Dichloropropane
Concen: 0.124 ppbv m
RT: 7.095 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

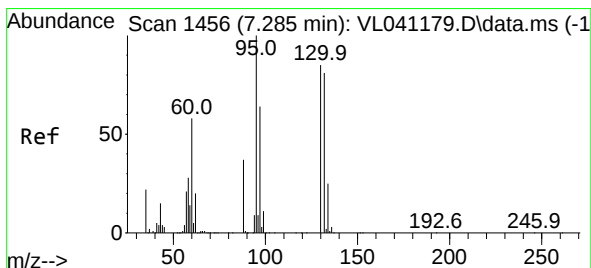
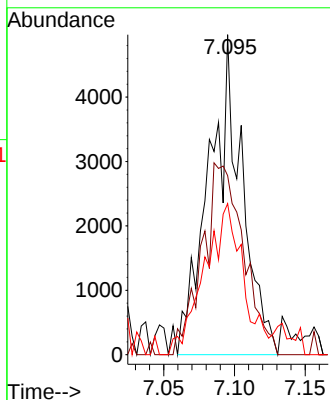
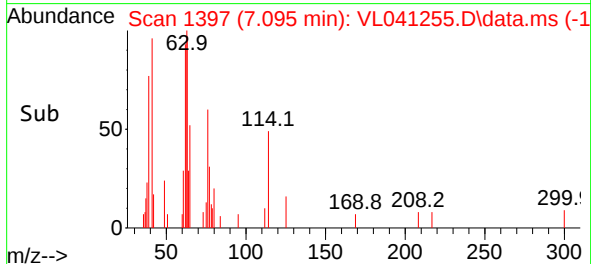
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion: 63 Resp: 8054
Ion Ratio Lower Upper
63 100
41 110.1 59.4 89.0#
62 92.8 56.8 85.2#

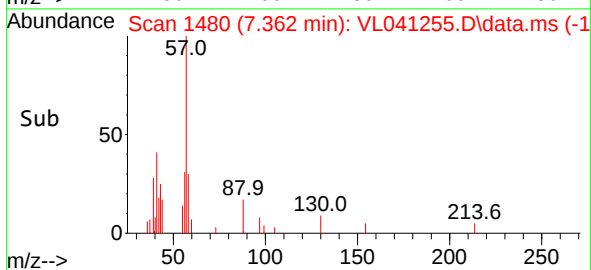
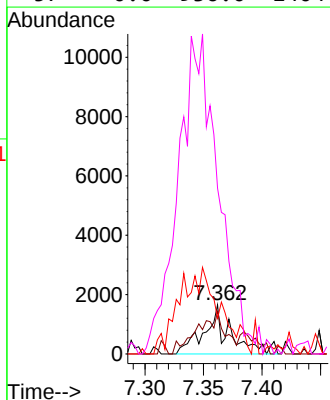
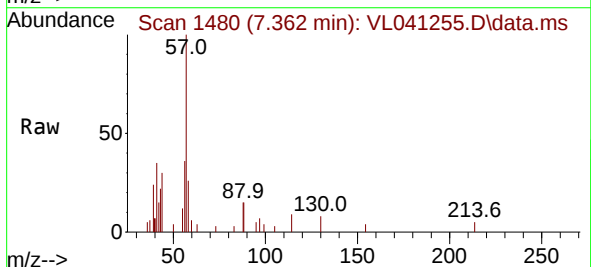
Manual Integrations
APPROVED

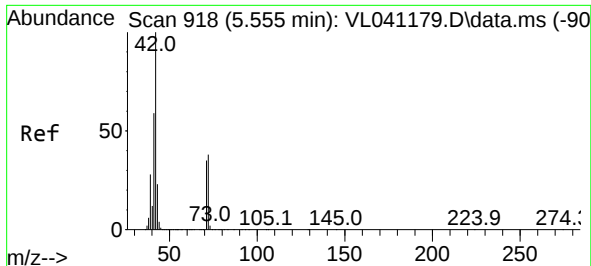
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#40
1,4-Dioxane
Concen: 0.112 ppbv m
RT: 7.362 min Scan# 1480
Delta R.T. 0.064 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

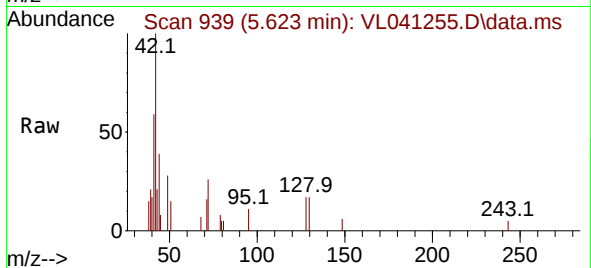
Tgt Ion: 88 Resp: 2583
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 219.8 329.6#
57 0.0 936.0 1404.0#





#41
Tetrahydrofuran
Concen: 0.084 ppbv m
RT: 5.623 min Scan# 918
Delta R.T. 0.051 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

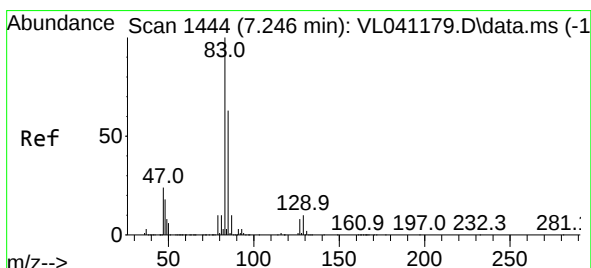
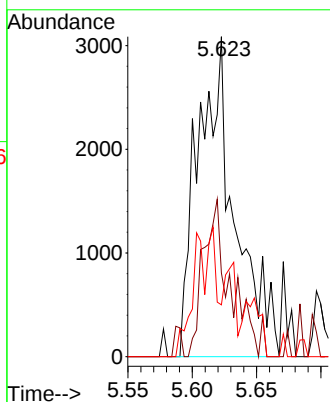
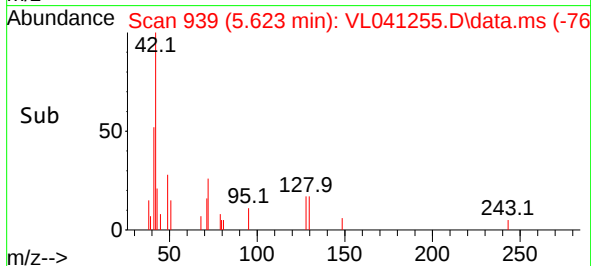
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



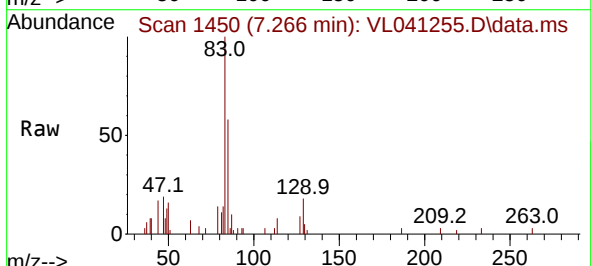
Tgt Ion: 42 Resp: 6182
Ion Ratio Lower Upper
42 100
72 0.0 29.4 44.0
71 0.0 29.1 43.7

Manual Integrations
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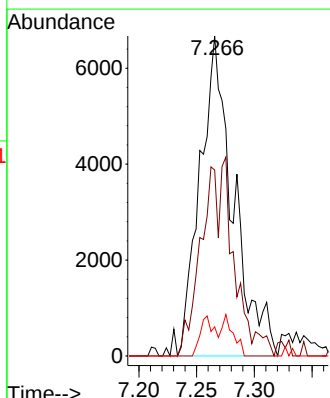
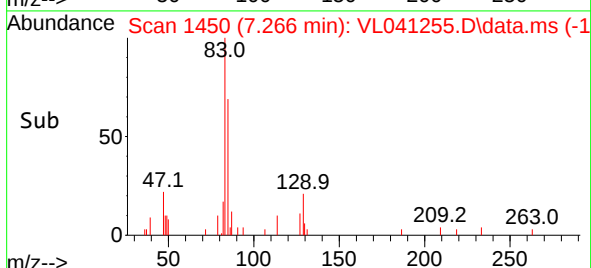
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

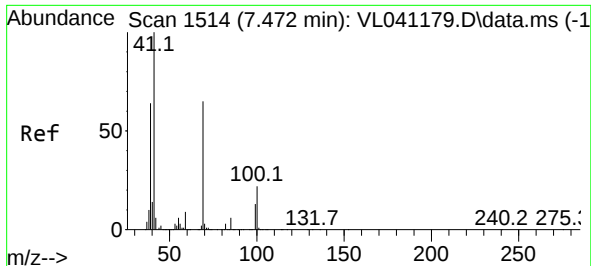


#42
Bromodichloromethane
Concen: 0.106 ppbv m
RT: 7.266 min Scan# 1450
Delta R.T. 0.003 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45



Tgt Ion: 83 Resp: 13341
Ion Ratio Lower Upper
83 100
85 58.1 50.6 75.8
127 9.1 6.2 9.4





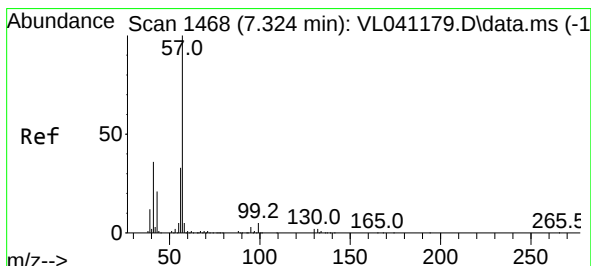
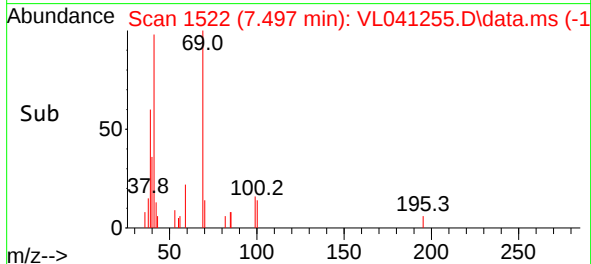
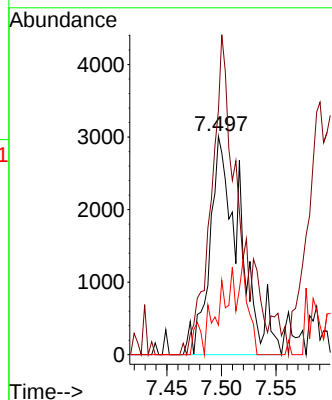
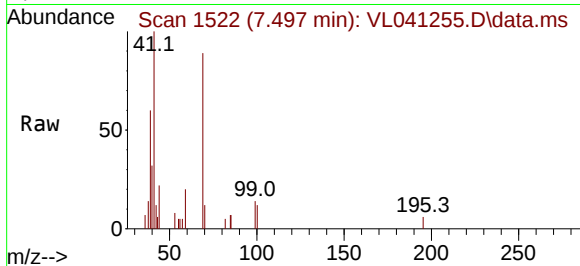
#43
Methyl Methacrylate
Concen: 0.086 ppbv m
RT: 7.497 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion: 69 Resp: 586
Ion Ratio Lower Upper
69 100
41 137.1 125.2 187.8
100 0.0 26.7 40.1

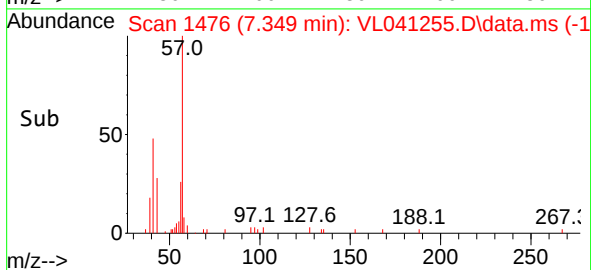
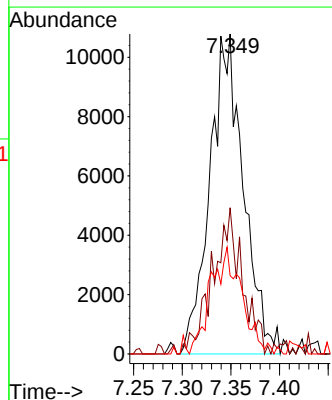
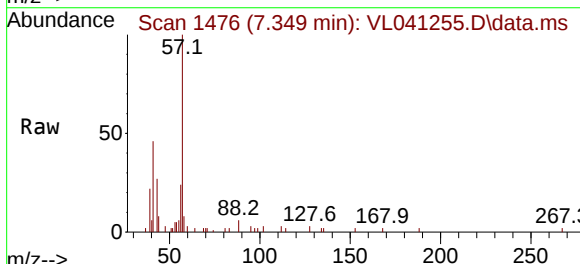
Manual Integrations
APPROVED

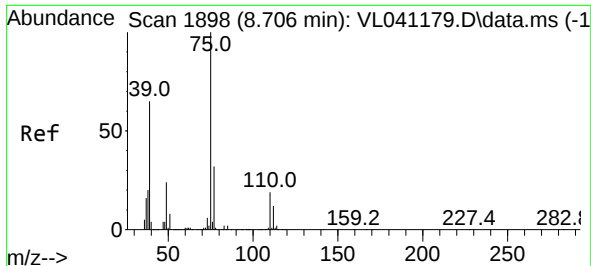
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#44
2,2,4-Trimethylpentane
Concen: 0.089 ppbv m
RT: 7.349 min Scan# 1476
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion: 57 Resp: 25878
Ion Ratio Lower Upper
57 100
41 0.0 29.5 44.3#
56 0.0 25.3 37.9#





#45

t-1,3-Dichloropropene

Concen: 0.066 ppbv m

RT: 8.729 min Scan# 1730

Delta R.T. 0.006 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2024

Tgt Ion: 75 Resp: 326

Ion Ratio Lower Upper

75 100

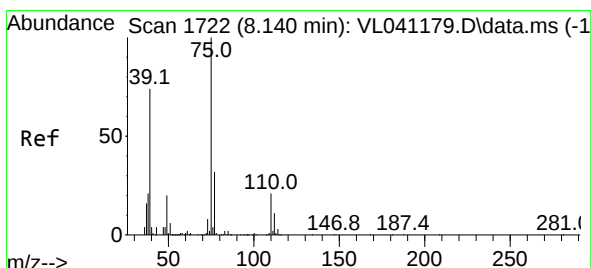
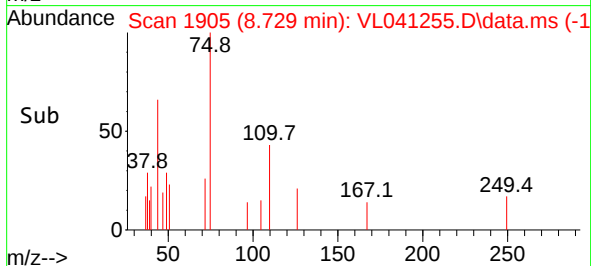
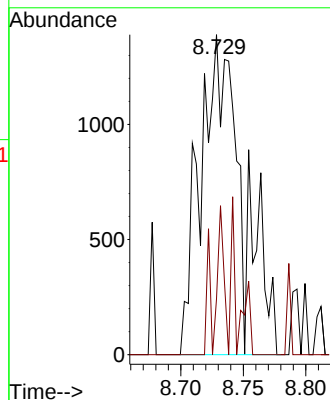
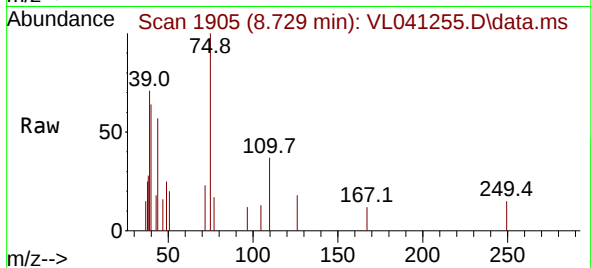
77 24300.0 25.6 38

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#46

cis-1,3-Dichloropropene

Concen: 0.080 ppbv m

RT: 8.169 min Scan# 1731

Delta R.T. 0.013 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

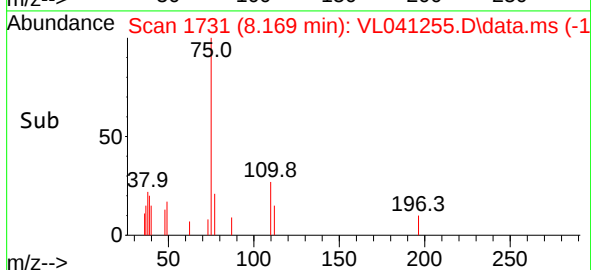
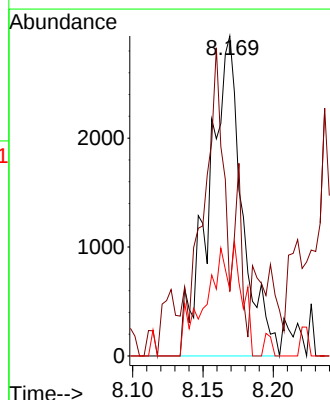
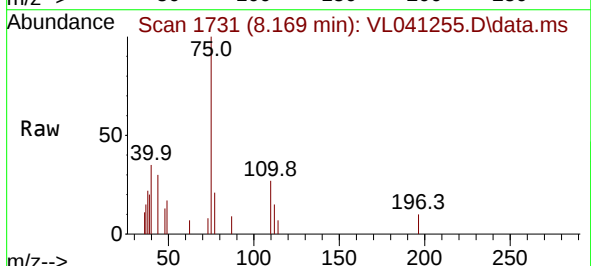
Tgt Ion: 75 Resp: 4846

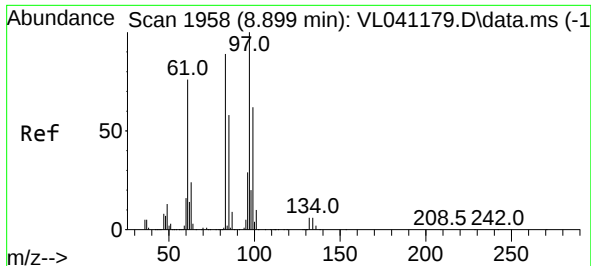
Ion Ratio Lower Upper

75 100

39 20.1 59.4 89.2#

77 20.7 25.9 38.9#





#47

1,1,2-Trichloroethane

Concen: 0.095 ppbv m

RT: 8.915 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

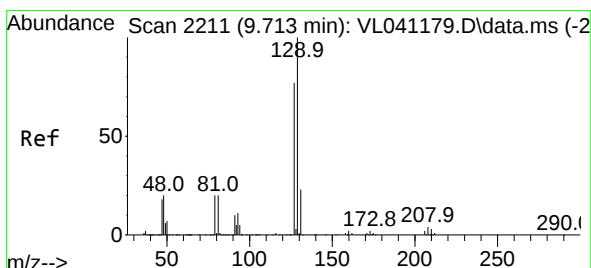
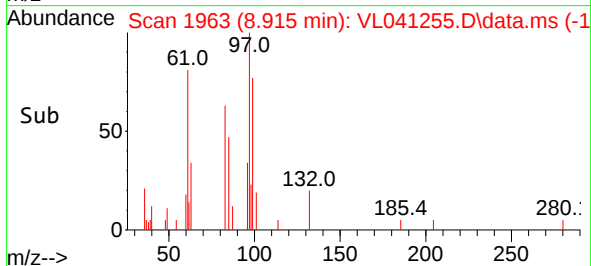
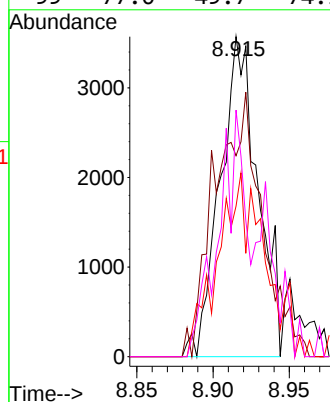
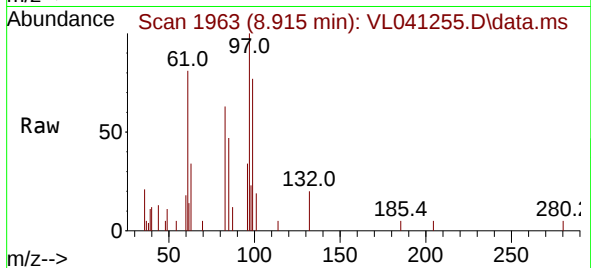
MDL-AIR-03-QT2-2024

Tgt Ion: 97	Resp: 613
Ion Ratio	Lower Upper
97	100
83	62.8 71.2 106.8
85	47.1 46.0 69.0
99	77.0 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#48

Dibromochloromethane

Concen: 0.086 ppbv m

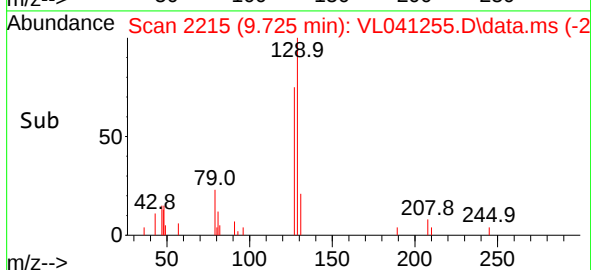
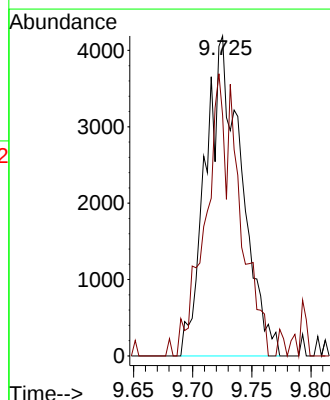
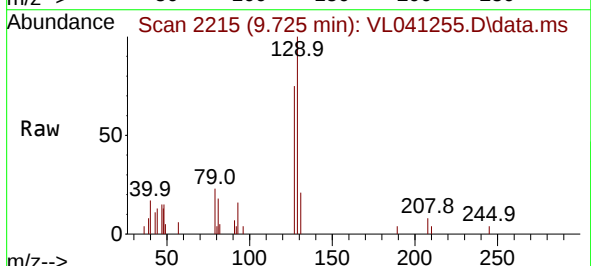
RT: 9.725 min Scan# 2215

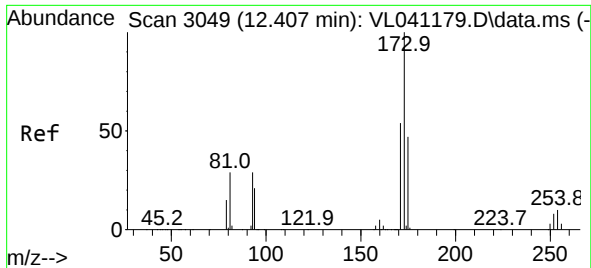
Delta R.T. -0.000 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

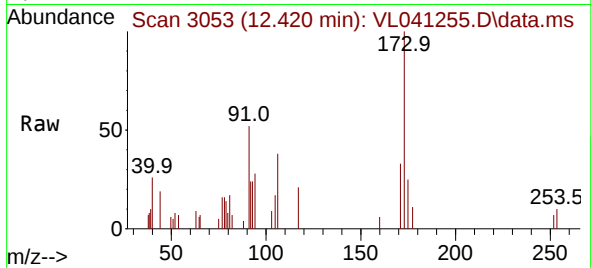
Tgt Ion:129	Resp: 8868
Ion Ratio	Lower Upper
129	100
127	0.0 39.1 117.5





#49
Bromoform
Concen: 0.074 ppbv m
RT: 12.420 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

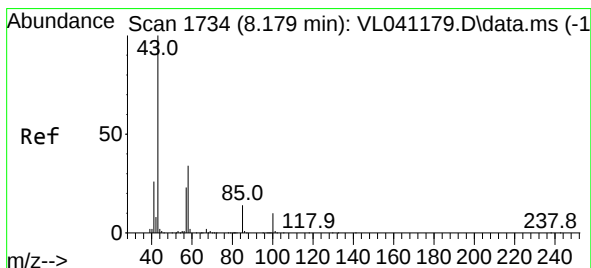
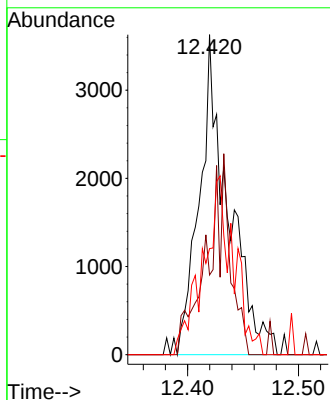
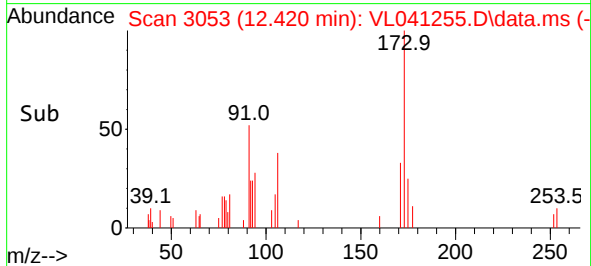
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



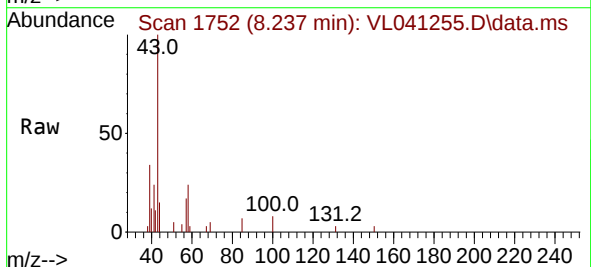
Tgt Ion: 173 Resp: 654
Ion Ratio Lower Upper
173 100
175 49.9 39.8 59.8
171 58.3 41.8 62.8

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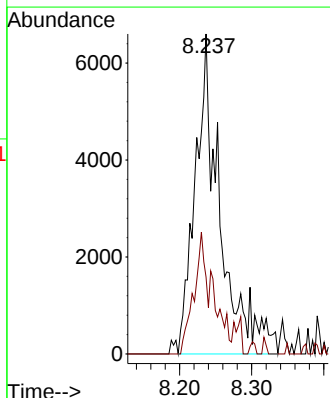
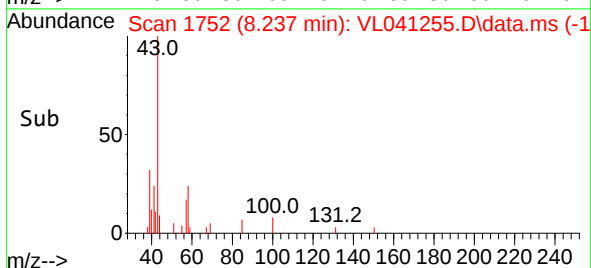
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

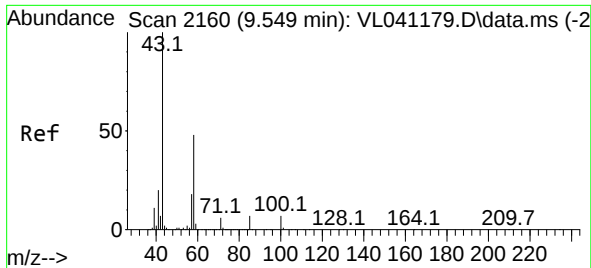


#50
4-Methyl-2-Pentanone
Concen: 0.087 ppbv m
RT: 8.237 min Scan# 1752
Delta R.T. 0.042 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45



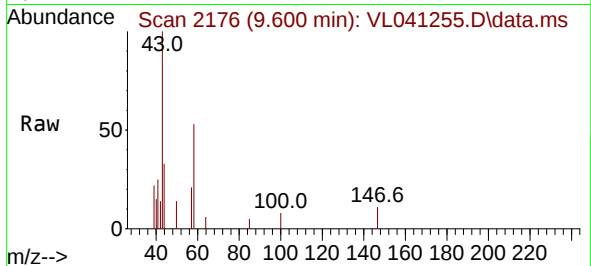
Tgt Ion: 43 Resp: 15872
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#





#51
2-Hexanone
Concen: 0.081 ppbv m
RT: 9.600 min Scan# 2160
Delta R.T. 0.035 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

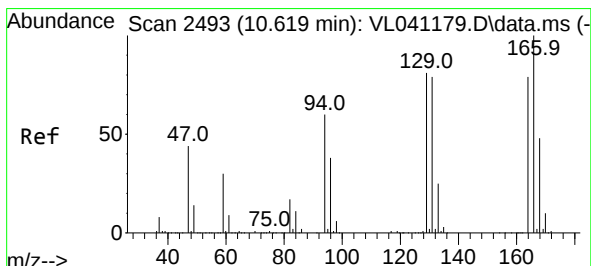
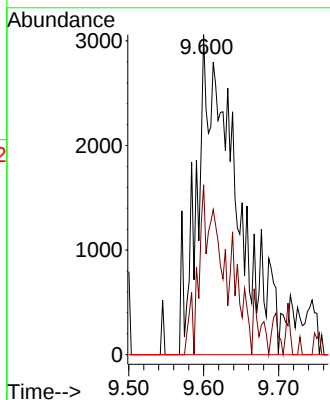
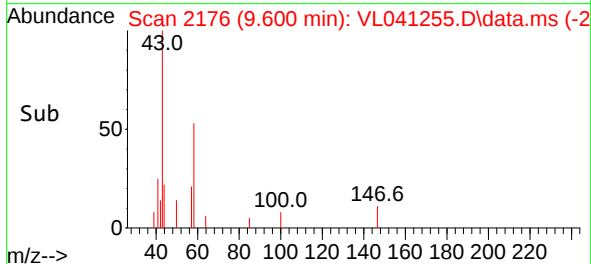
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



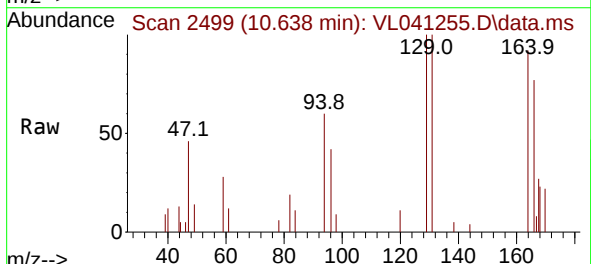
Tgt Ion: 43 Resp: 10940
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6
98 0.0 0.0 0.0

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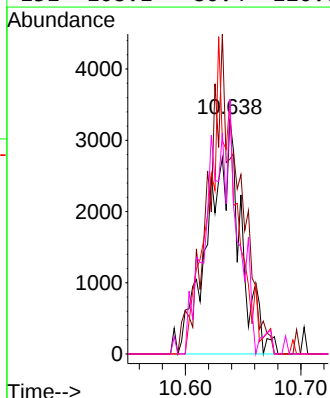
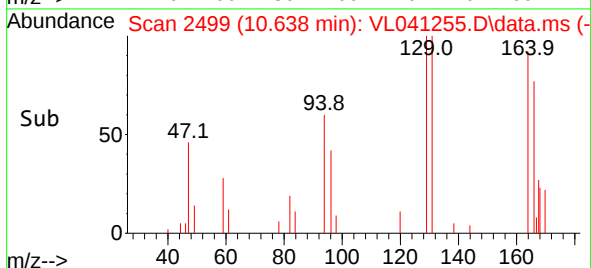
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

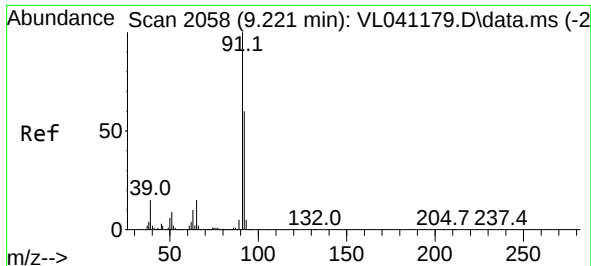


#52
Tetrachloroethene
Concen: 0.108 ppbv m
RT: 10.638 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45



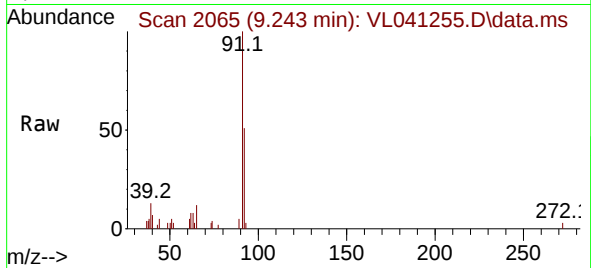
Tgt Ion:164 Resp: 6381
Ion Ratio Lower Upper
164 100
166 82.8 101.1 151.7#
129 107.9 81.7 122.5
131 108.1 80.4 120.6





#53
Toluene
Concen: 0.084 ppbv m
RT: 9.243 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

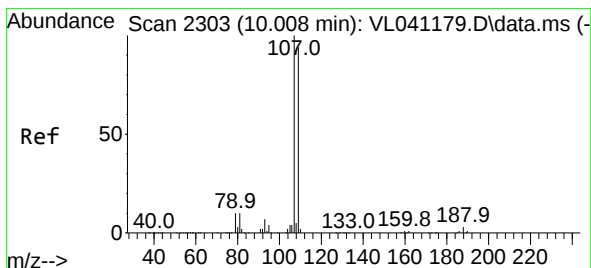
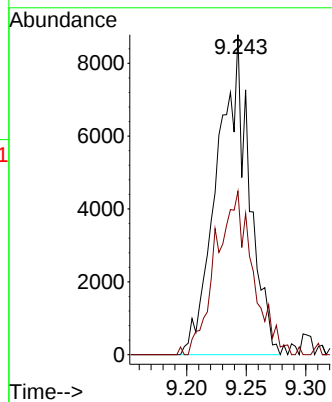
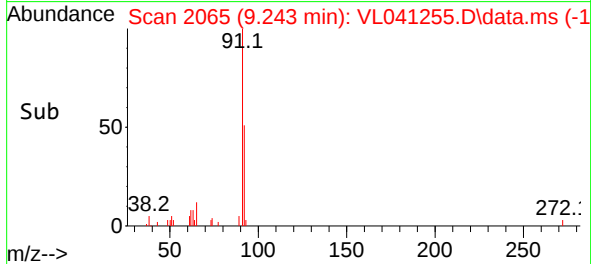
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion: 91 Resp: 1646
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4

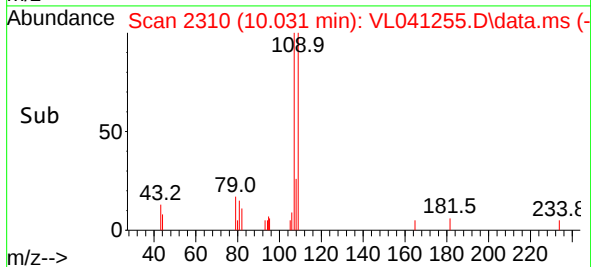
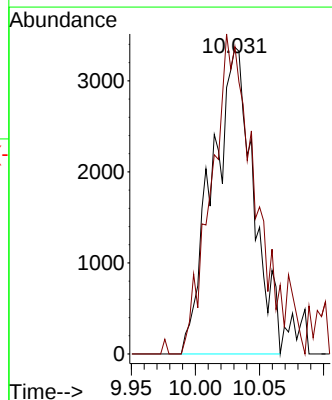
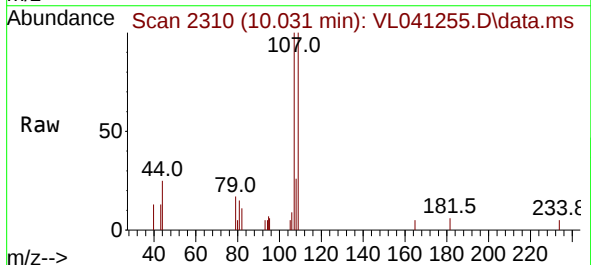
Manual Integrations
APPROVED

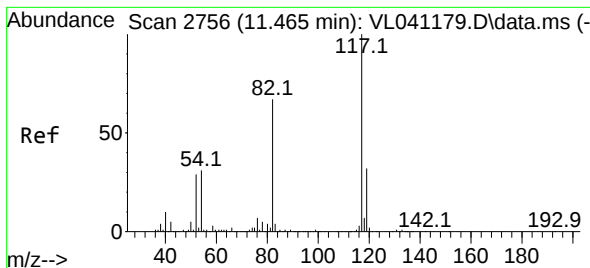
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#54
1,2-Dibromoethane
Concen: 0.086 ppbv m
RT: 10.031 min Scan# 2310
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

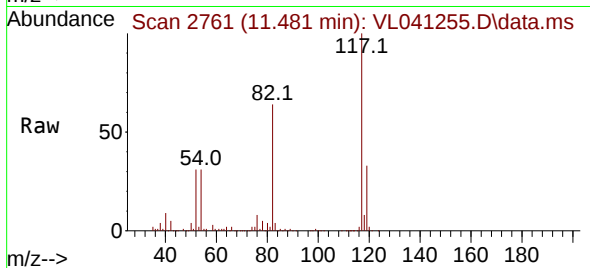
Tgt Ion:107 Resp: 7549
Ion Ratio Lower Upper
107 100
109 100.1 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

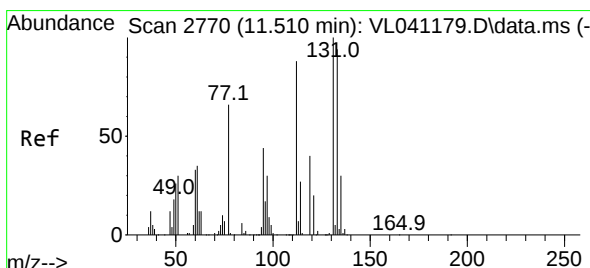
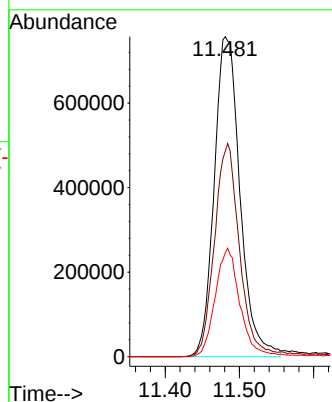
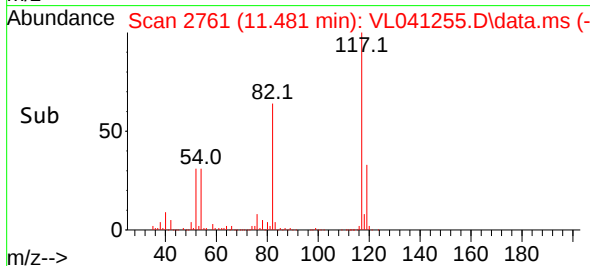
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion:117 Resp: 183038
Ion Ratio Lower Upper
117 100
82 66.3 53.6 80.4
119 32.9 27.2 40.8

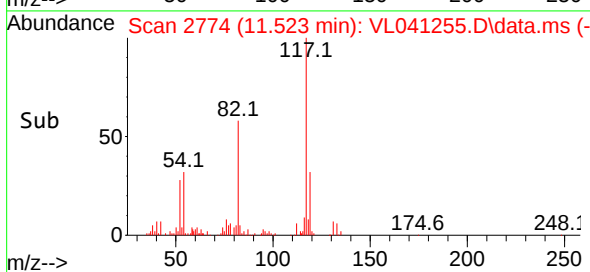
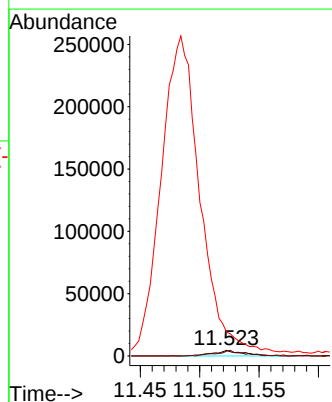
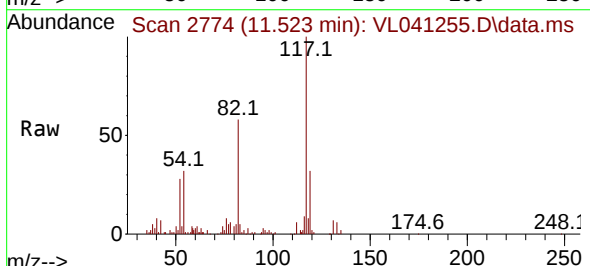
Manual Integrations
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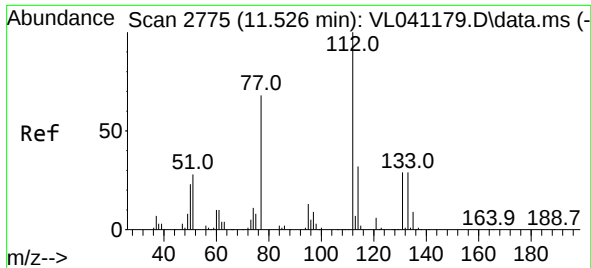
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.103 ppbv m
RT: 11.523 min Scan# 2774
Delta R.T. -0.000 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

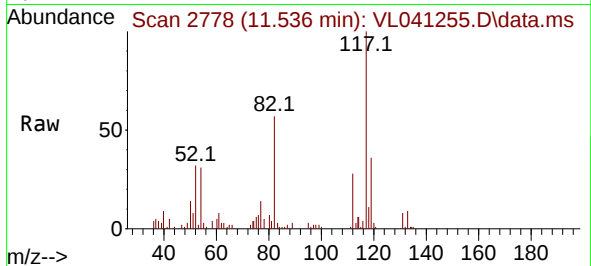
Tgt Ion:131 Resp: 7623
Ion Ratio Lower Upper
131 100
133 103.3 76.3 114.5
119 7900.3 49.4 74.2#





#57
Chlorobenzene
Concen: 0.122 ppbv m
RT: 11.536 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

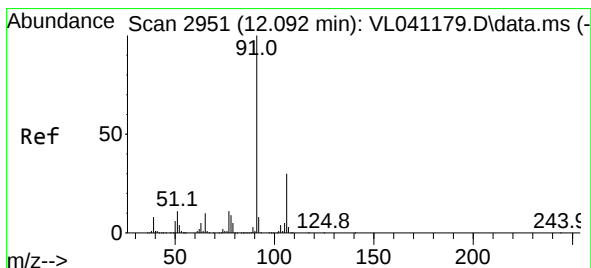
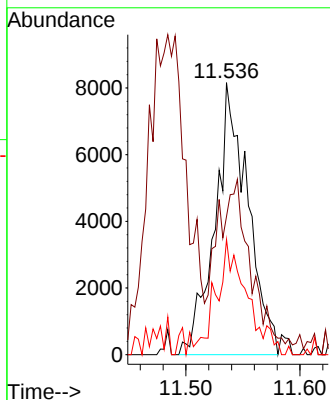
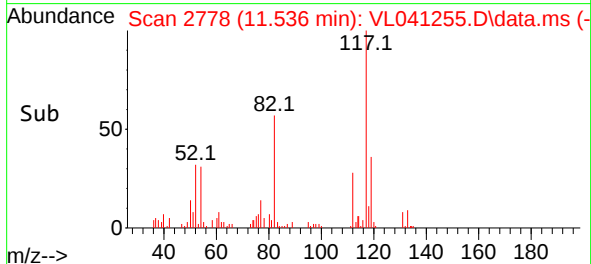
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



Tgt Ion: 112 Resp: 16324
Ion Ratio Lower Upper
112 100
77 50.8 54.9 82.3
114 21.9 28.7 35.1

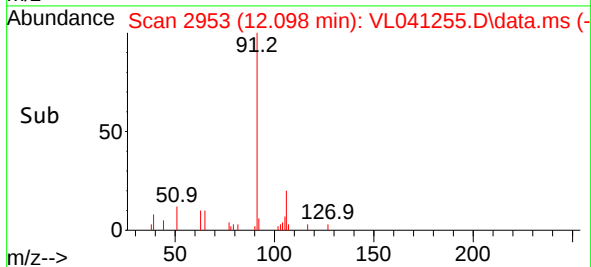
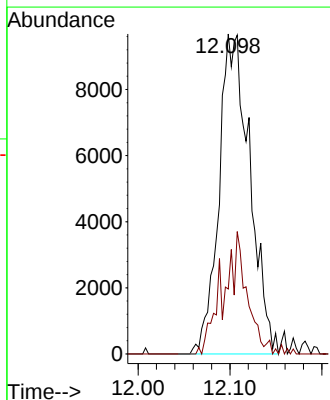
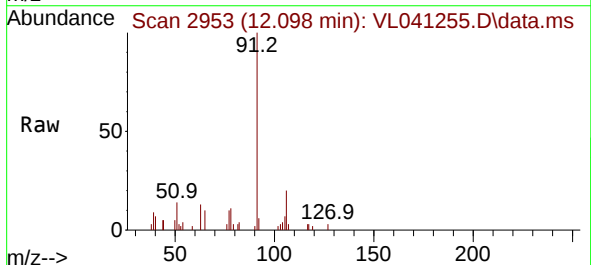
Manual Integrations
APPROVED

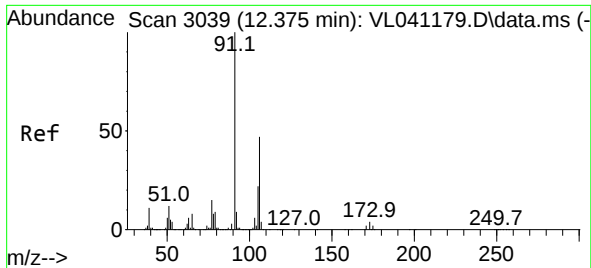
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#58
Ethyl Benzene
Concen: 0.090 ppbv m
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion: 91 Resp: 22628
Ion Ratio Lower Upper
91 100
106 20.3 24.3 36.5





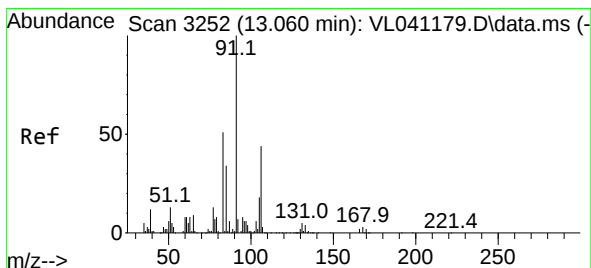
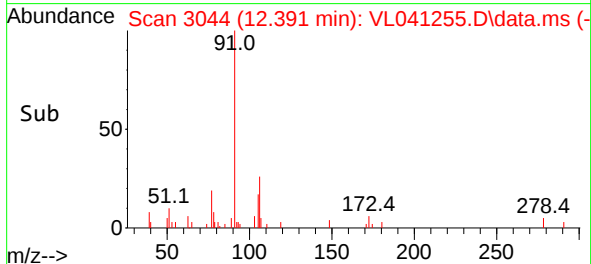
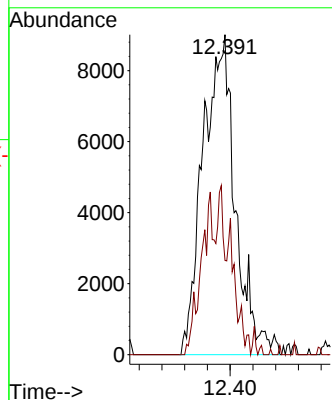
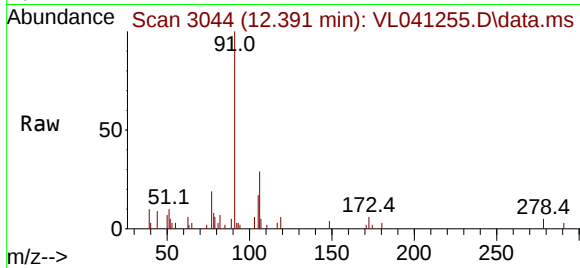
#59
m/p-Xylene
Concen: 0.168 ppbv m
RT: 12.391 min Scan# 3039
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion: 91 Resp: 3546
Ion Ratio Lower Upper
91 100
106 43.2 35.7 53.5

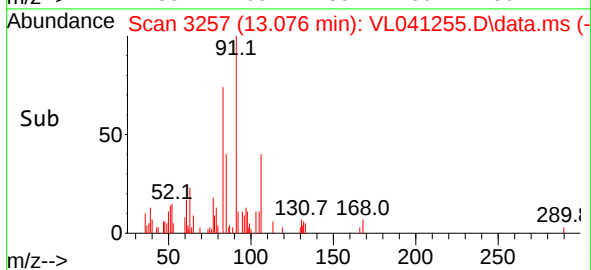
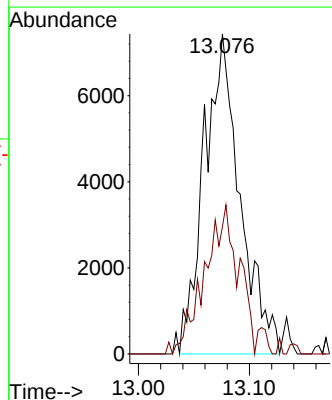
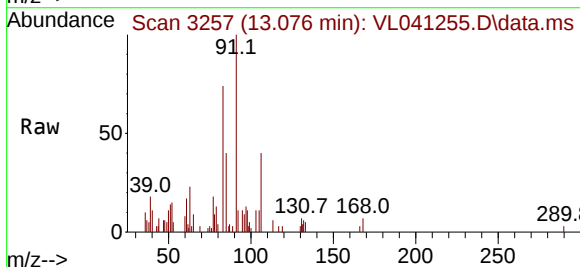
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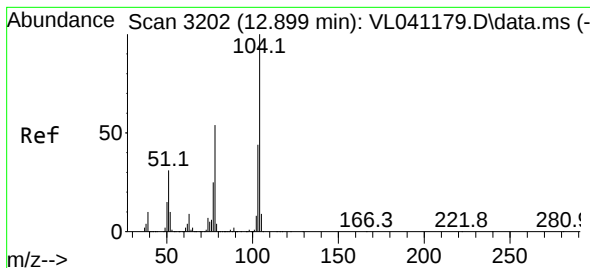
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#60
o-Xylene
Concen: 0.085 ppbv m
RT: 13.076 min Scan# 3257
Delta R.T. 0.006 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion: 91 Resp: 16785
Ion Ratio Lower Upper
91 100
106 0.0 22.4 67.3#





#61

Styrene

Concen: 0.072 ppbv m

RT: 12.928 min Scan# 3211

Delta R.T. 0.019 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

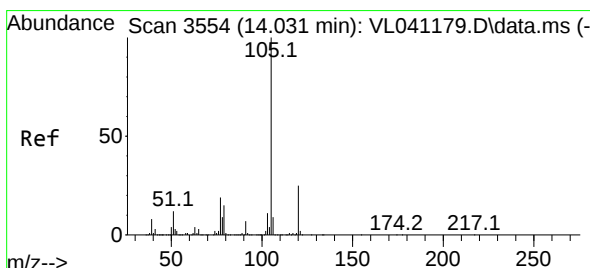
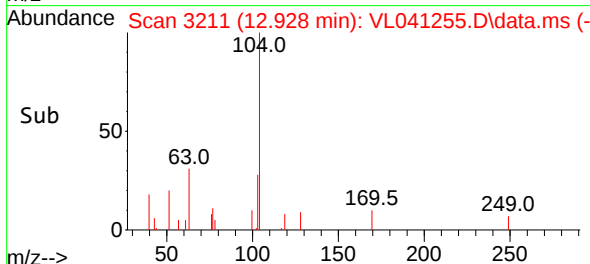
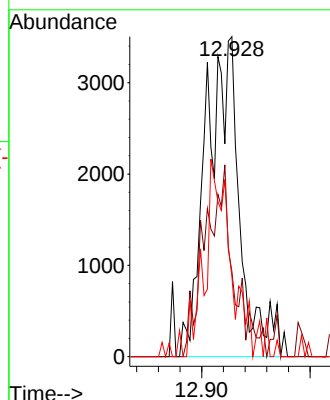
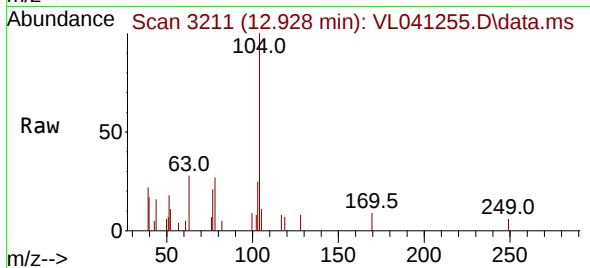
MDL-AIR-03-QT2-2024

Tgt Ion:104 Resp: 755
 Ion Ratio Lower Upper
 104 100
 78 0.0 42.6 63.8
 103 49.6 38.4 57.6

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Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#62

Isopropylbenzene

Concen: 0.096 ppbv m

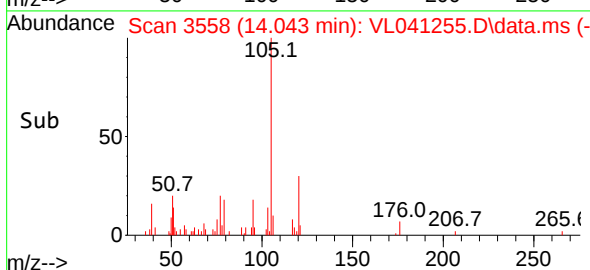
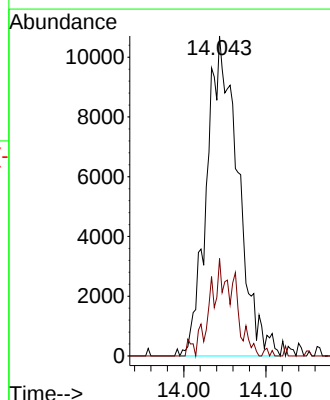
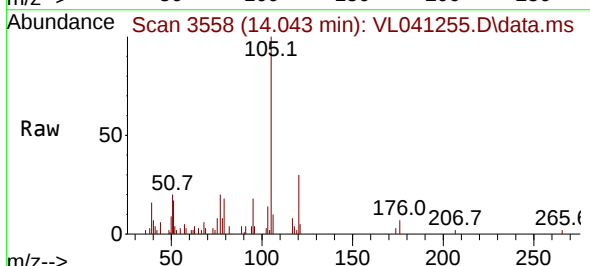
RT: 14.043 min Scan# 3558

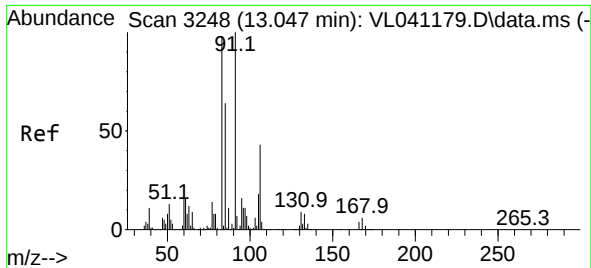
Delta R.T. 0.000 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Tgt Ion:105 Resp: 28401
 Ion Ratio Lower Upper
 105 100
 120 24.3 20.2 30.2





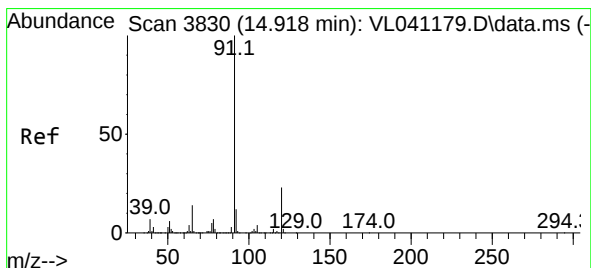
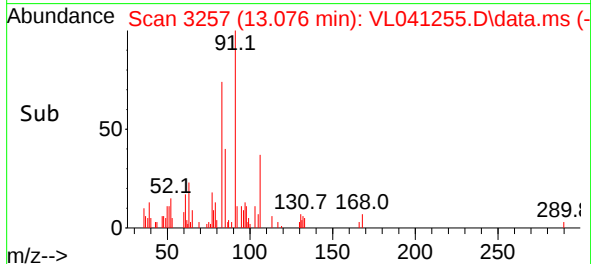
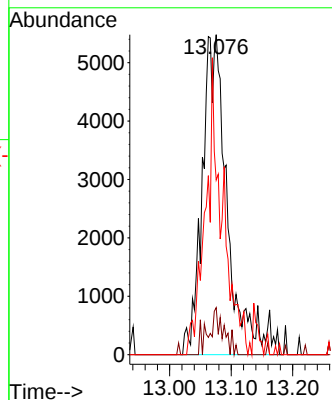
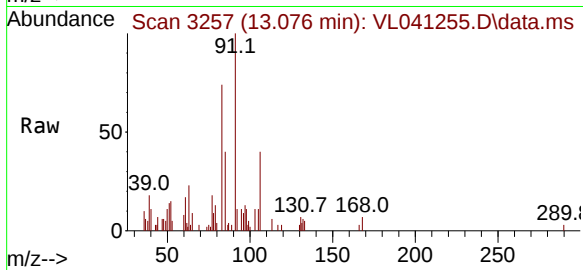
#63
1,1,2,2-Tetrachloroethane
Concen: 0.117 ppbv m
RT: 13.076 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion: 83 Resp: 1574
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5
85 0.0 32.7 98.1

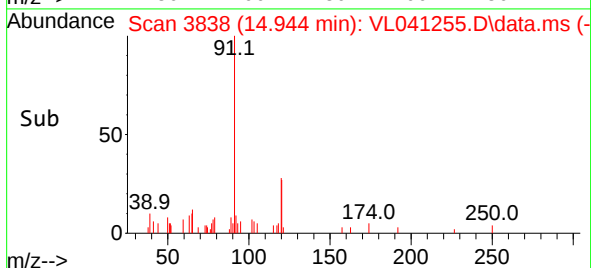
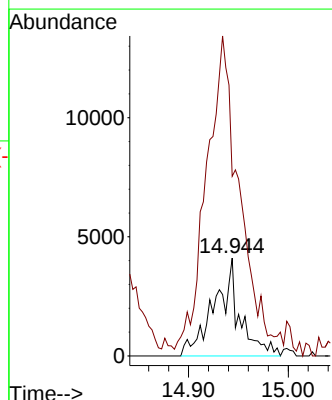
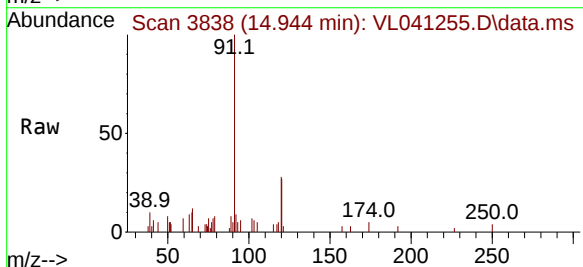
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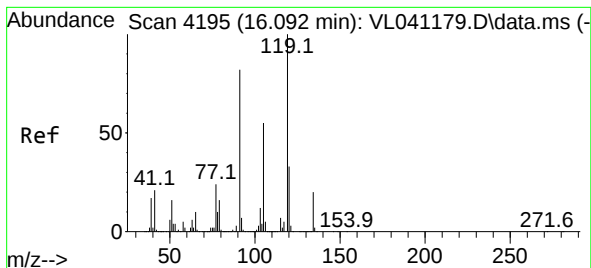
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#64
n-propylbenzene
Concen: 0.099 ppbv m
RT: 14.944 min Scan# 3838
Delta R.T. 0.013 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

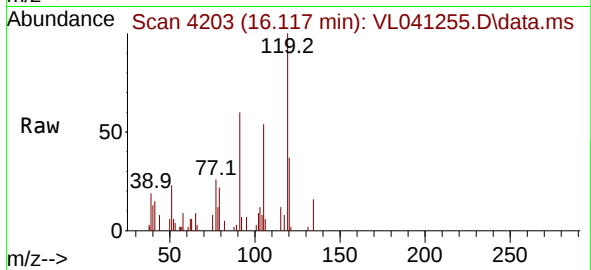
Tgt Ion:120 Resp: 7277
Ion Ratio Lower Upper
120 100
91 15.7 384.8 577.2#





#65
tert-Butylbenzene
Concen: 0.088 ppbv m
RT: 16.117 min Scan# 4195
Delta R.T. 0.016 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

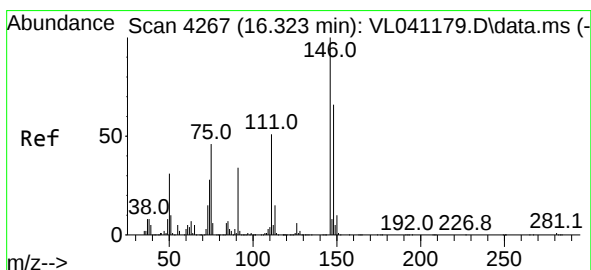
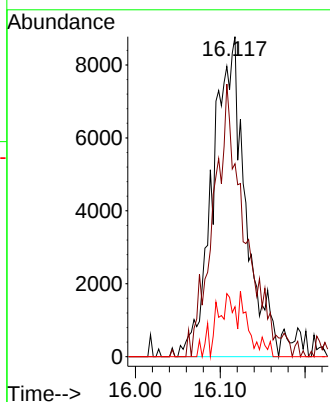
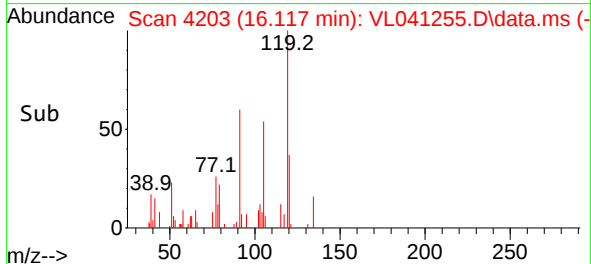
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



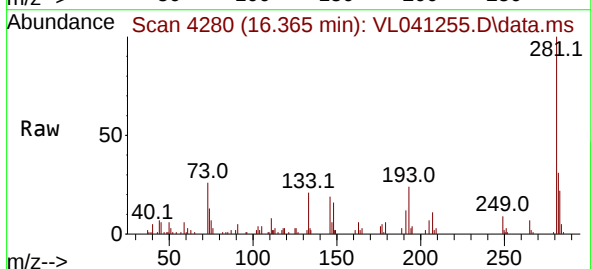
Tgt Ion: 119 Resp: 23419
Ion Ratio Lower Upper
119 100
91 0.0 67.0 100.4#
134 0.0 15.2 22.8#

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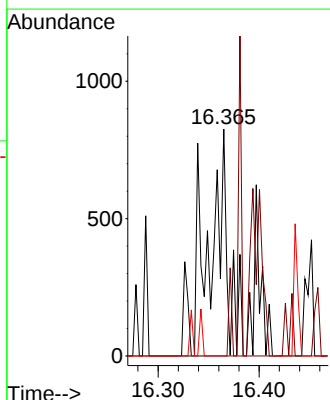
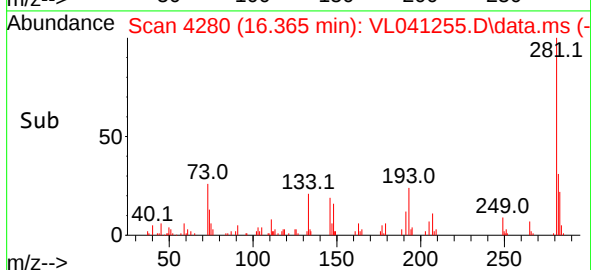
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

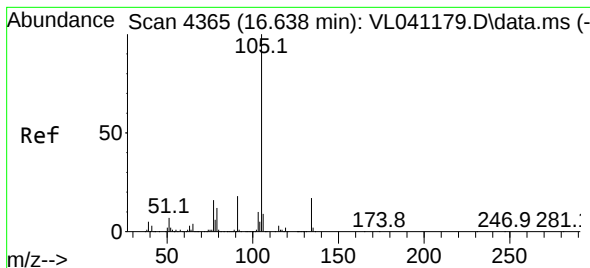


#66
Benzyl Chloride
Concen: 0.047 ppbv m
RT: 16.365 min Scan# 4280
Delta R.T. 0.019 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45



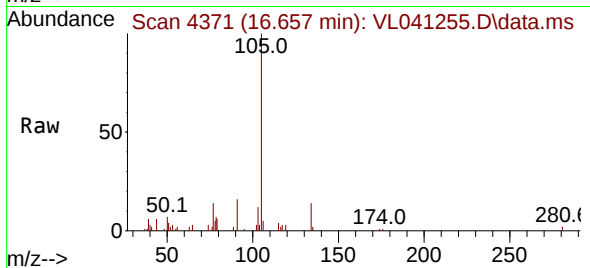
Tgt Ion: 91 Resp: 1396
Ion Ratio Lower Upper
91 100
126 0.0 14.6 21.8#
128 0.0 4.7 7.1#





#67
 sec-Butylbenzene
 Concen: 0.086 ppbv m
 RT: 16.657 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041255.D
 Acq: 9 May 2024 12:45

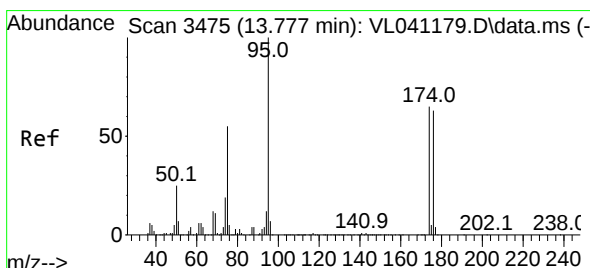
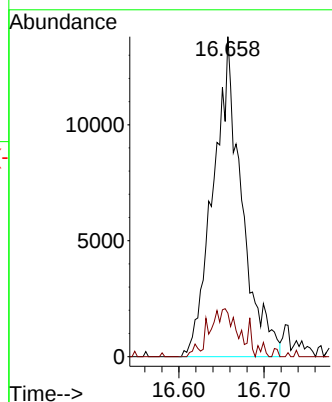
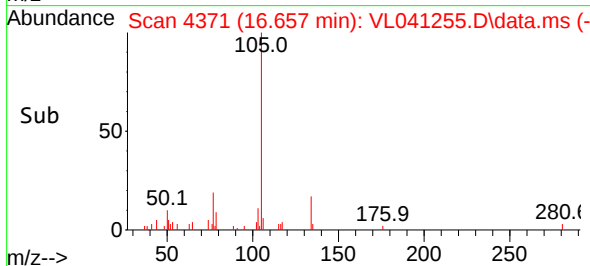
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2024



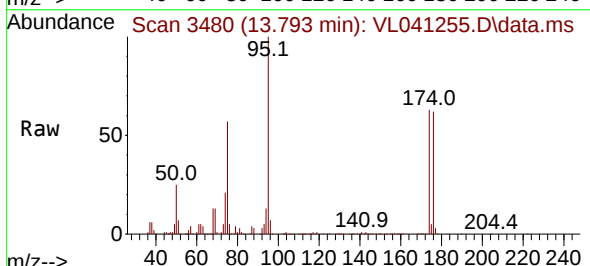
Tgt Ion: 105 Resp: 3208
 Ion Ratio Lower Upper
 105 100
 134 16.4 13.8 20.8

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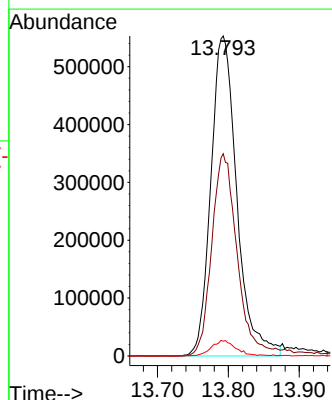
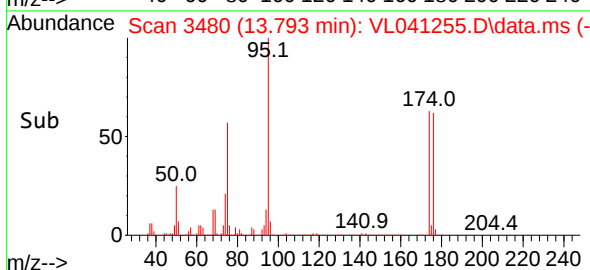
Reviewed By :Semsettin Yesilyurt 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

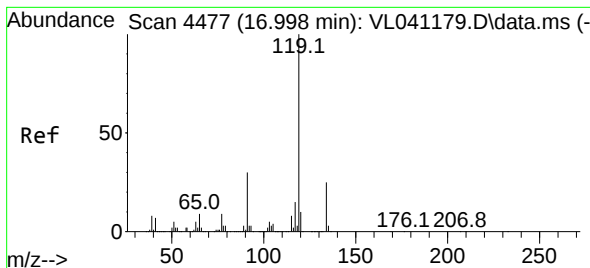


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.185 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.006 min
 Lab File: VL041255.D
 Acq: 9 May 2024 12:45



Tgt Ion: 95 Resp: 1407371
 Ion Ratio Lower Upper
 95 100
 174 63.8 53.6 80.4
 175 4.8 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.080 ppbv m

RT: 17.011 min Scan# 4477

Delta R.T. 0.003 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2024

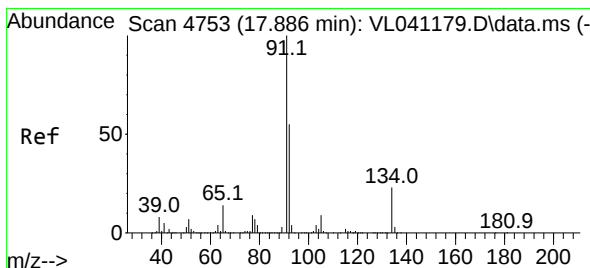
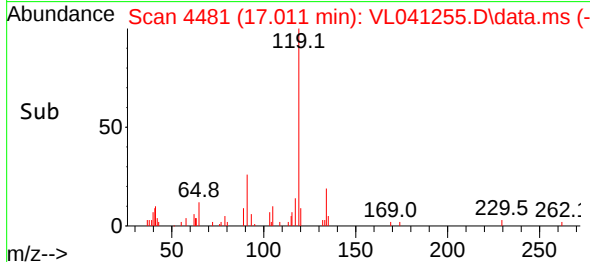
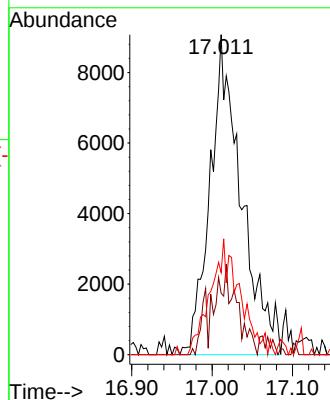
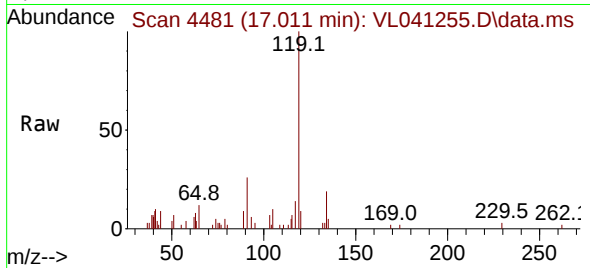
Tgt Ion:	119	Resp:	24579
Ion Ratio	Lower	Upper	
119	100		
134	0.0	20.1	30.1
91	0.0	24.2	36.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#70

n-Butylbenzene

Concen: 0.076 ppbv m

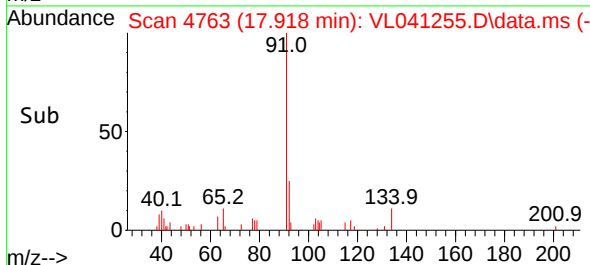
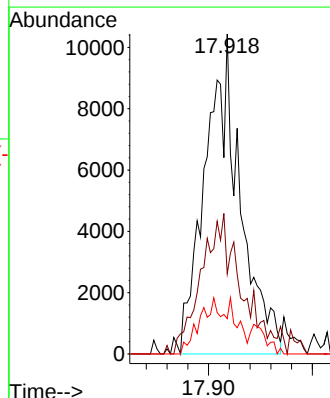
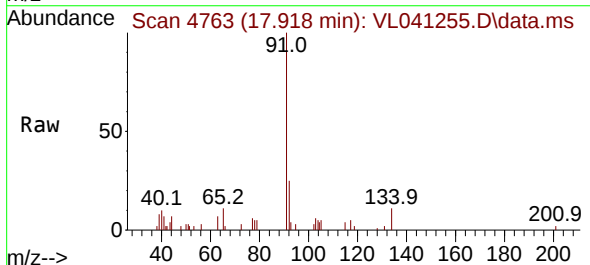
RT: 17.918 min Scan# 4763

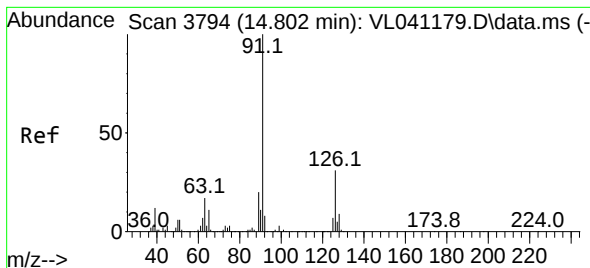
Delta R.T. 0.019 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

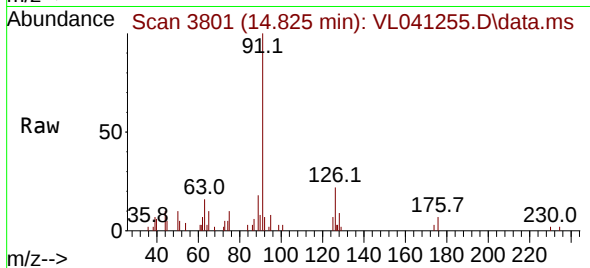
Tgt Ion:	91	Resp:	24435
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.3	64.9
134	0.0	17.8	26.8





#71
2-Chlorotoluene
Concen: 0.100 ppbv m
RT: 14.825 min Scan# 3794
Delta R.T. 0.013 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

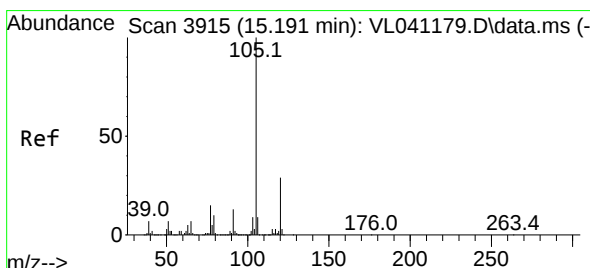
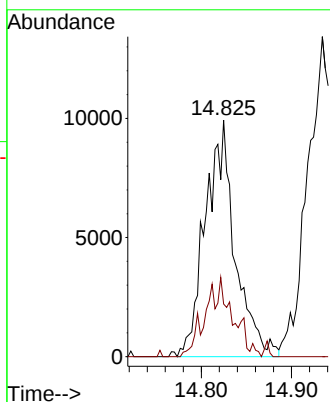
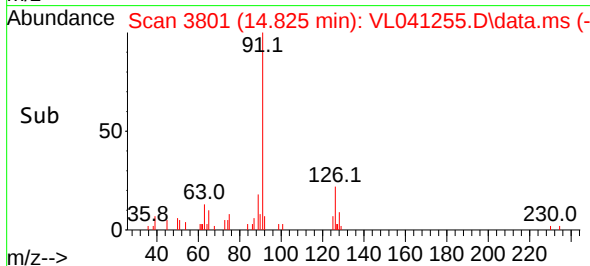
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024



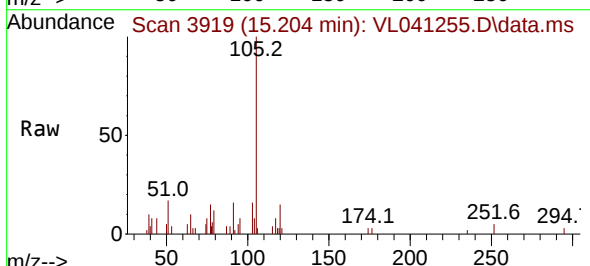
Tgt Ion: 91 Resp: 2261
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.8

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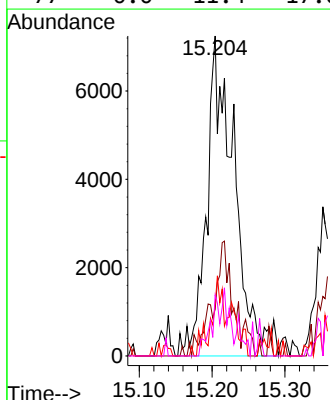
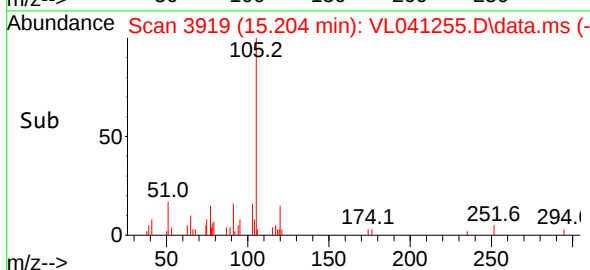
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

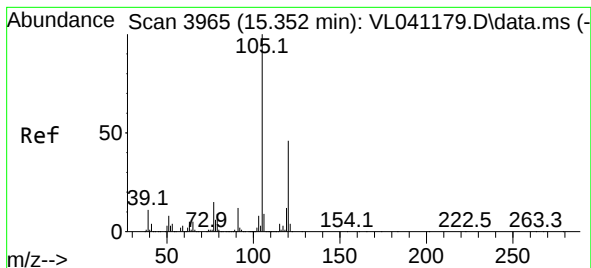


#72
4-Ethyltoluene
Concen: 0.085 ppbv m
RT: 15.204 min Scan# 3919
Delta R.T. -0.003 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45



Tgt Ion:105 Resp: 19001
Ion Ratio Lower Upper
105 100
120 0.0 24.7 37.1#
91 19.7 10.3 15.5#
77 0.0 11.4 17.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.091 ppbv m

RT: 15.365 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2024

Tgt Ion:105 Resp: 1841

Ion Ratio Lower Upper

105 100

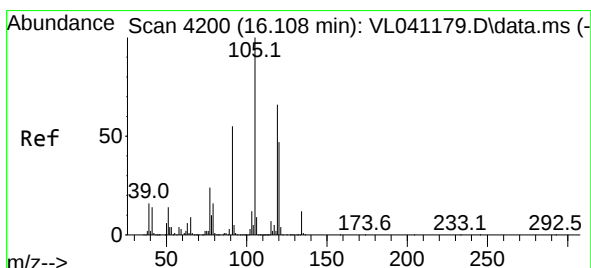
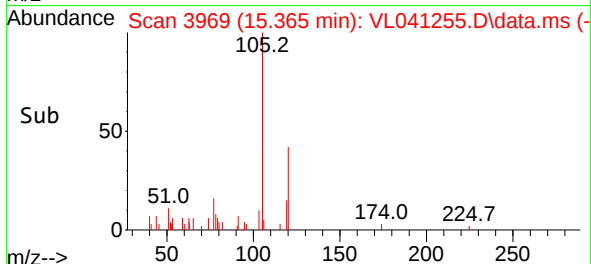
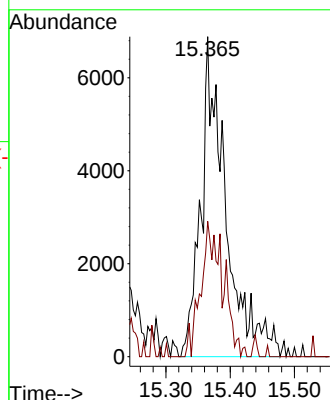
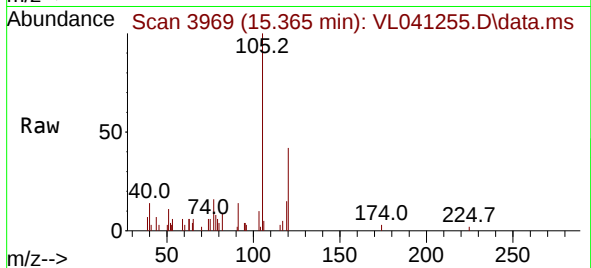
120 42.3 37.0 55.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.081 ppbv m

RT: 16.127 min Scan# 4206

Delta R.T. 0.006 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Tgt Ion:105 Resp: 17891

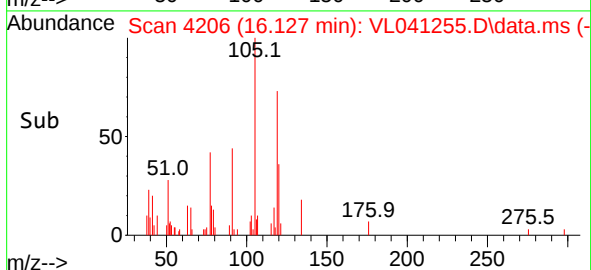
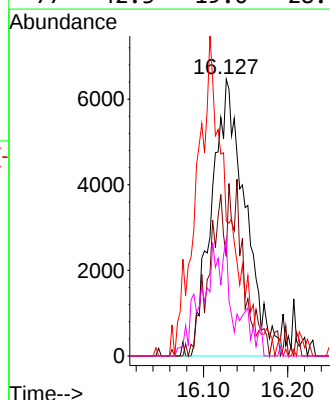
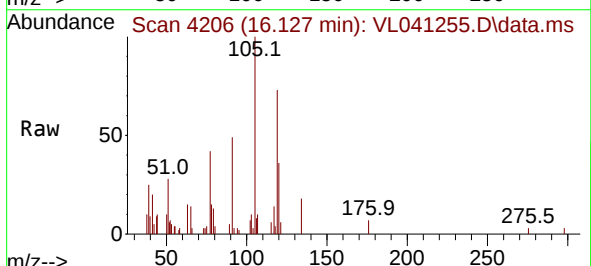
Ion Ratio Lower Upper

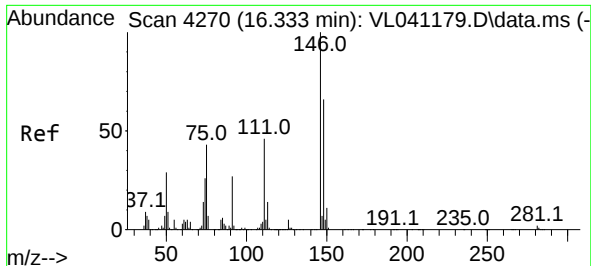
105 100

120 35.9 37.8 56.6#

91 48.7 44.3 66.5

77 42.3 19.0 28.4#





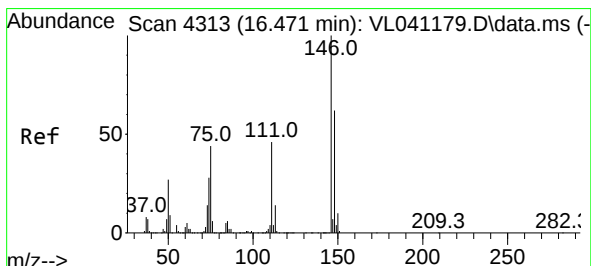
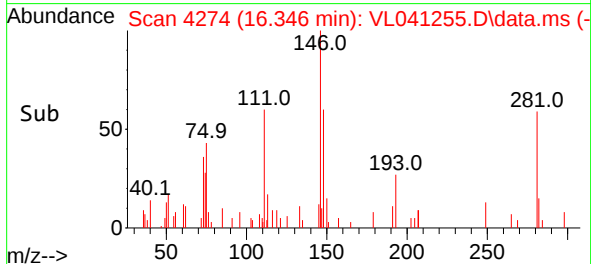
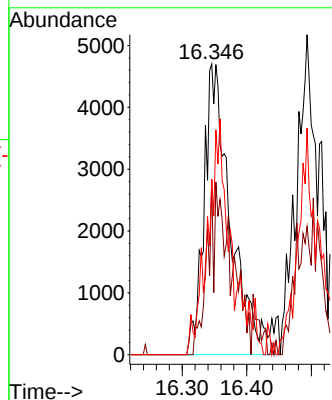
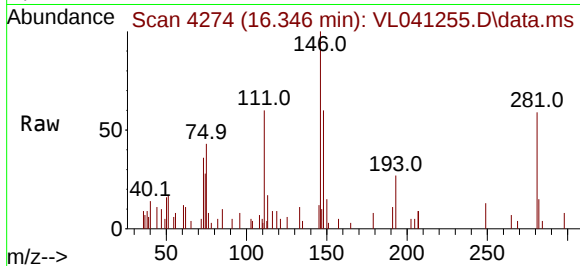
#75
1,3-Dichlorobenzene
Concen: 0.109 ppbv m
RT: 16.346 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2024

Tgt Ion:146 Resp: 13800
Ion Ratio Lower Upper
146 100
111 57.2 23.7 71.1
148 0.0 32.5 97.4

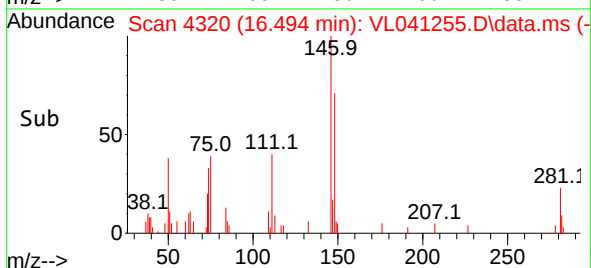
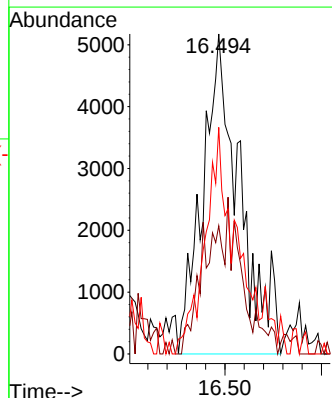
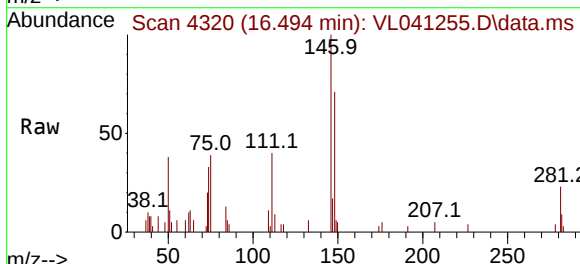
Manual Integrations
APPROVED

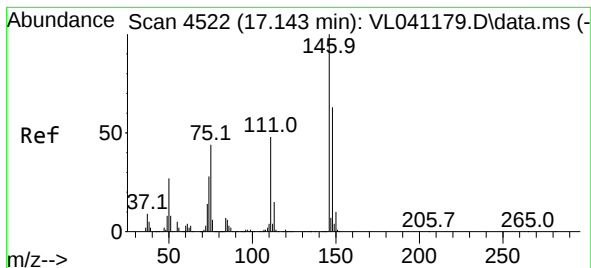
Reviewed By :Semsettin Yesilyurt 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#76
1,4-Dichlorobenzene
Concen: 0.113 ppbv m
RT: 16.494 min Scan# 4320
Delta R.T. 0.010 min
Lab File: VL041255.D
Acq: 9 May 2024 12:45

Tgt Ion:146 Resp: 13813
Ion Ratio Lower Upper
146 100
111 0.0 23.3 69.8#
148 0.0 32.6 97.7#





#77

1,2-Dichlorobenzene

Concen: 0.104 ppbv m

RT: 17.166 min Scan# 4522

Delta R.T. 0.006 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

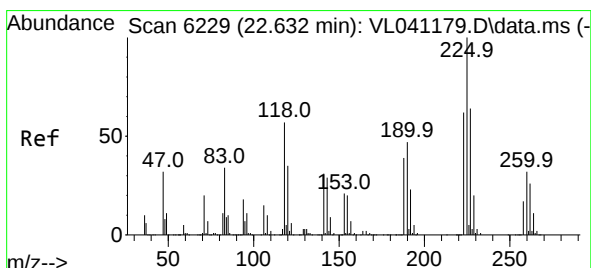
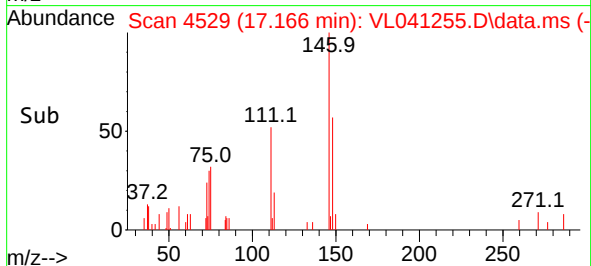
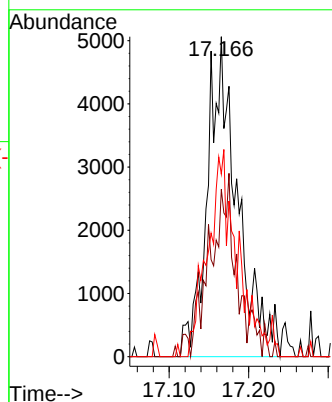
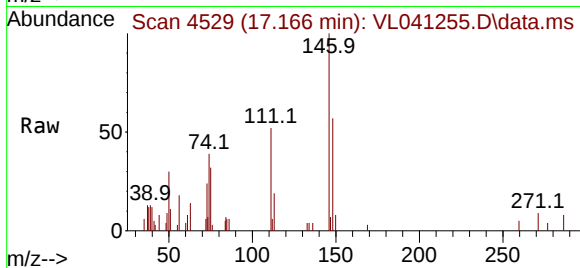
MDL-AIR-03-QT2-2024

Tgt Ion:	146	Resp:	1321
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.5	73.5
148	0.0	32.6	98.0

Manual Integrations

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Supervised By :Mahesh Dadoda 05/10/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.105 ppbv m

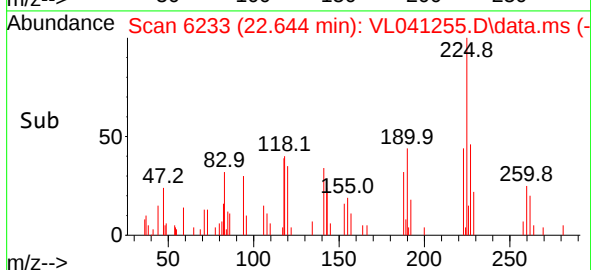
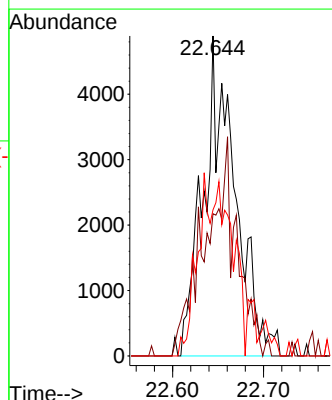
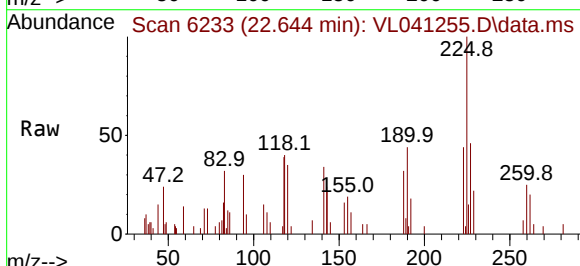
RT: 22.644 min Scan# 6233

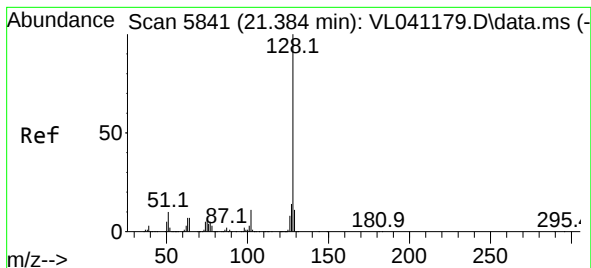
Delta R.T. -0.003 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Tgt Ion:	225	Resp:	11847
Ion Ratio	Lower	Upper	
225	100		
223	0.0	50.9	76.3
227	0.0	52.0	78.0





#79

Naphthalene

Concen: 0.049 ppbv m

RT: 21.407 min Scan# 5

Delta R.T. 0.006 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2024

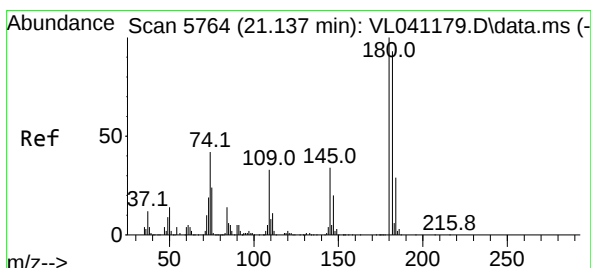
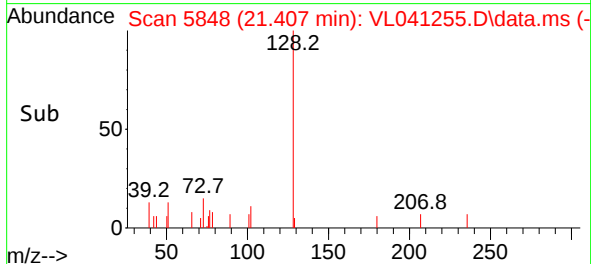
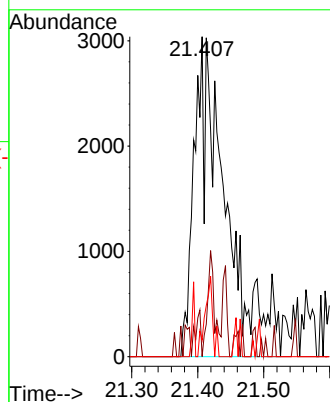
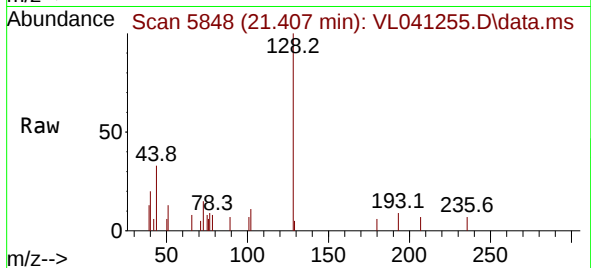
Tgt Ion:128	Resp:	1022
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.8 16.2
129	5.1	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#81

1,2,4-Trichlorobenzene

Concen: 0.064 ppbv m

RT: 21.162 min Scan# 5772

Delta R.T. 0.010 min

Lab File: VL041255.D

Acq: 9 May 2024 12:45

Tgt Ion:180	Resp:	7104
Ion Ratio	Lower	Upper
180	100	
182	0.0	77.2 115.8#
184	0.0	24.6 36.8#

