

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041460.D
 Acq On : 31 Jul 2024 12:54
 Operator : SY/MD
 Sample : P3390-13 0.1 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024

Quant Time: Aug 01 03:55:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 2024

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

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

Internal Standards						
1) Bromochloromethane	5.198	49	949925	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2621215	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2410441	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1865704	10.058	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	18581	0.114	ppbv	98
3) Chlorodifluoromethane	2.684	51	12643	0.112	ppbv	94
4) Chloromethane	2.822	50	7368	0.123	ppbv	89
5) Vinyl Chloride	2.928	62	5762m	0.097	ppbv	
6) Bromomethane	3.131	94	3445m	0.113	ppbv	
7) Chloroethane	3.205	64	2133	0.104	ppbv	97
8) Dichlorotetrafluoroethane	2.867	85	15197	0.105	ppbv	98
9) Propene	2.706	41	8692	0.167	ppbv	94
10) Heptane	7.594	43	7186m	0.062	ppbv	
11) Trichlorofluoromethane	3.571	101	14133m	0.097	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.073	101	10157m	0.097	ppbv	
13) Ethanol	3.276	45	1270m	0.274	ppbv	
14) Bromoethene	3.375	108	3572	0.088	ppbv #	79
15) Acetone	3.501	43	20899	0.194	ppbv #	85
16) 1,3-Butadiene	2.996	39	5701	0.099	ppbv	84
17) tert-Butyl alcohol	3.919	59	11404m	0.116	ppbv	
18) 1,1-Dichloroethene	3.886	96	4506m	0.101	ppbv	
19) Isopropyl Alcohol	3.610	45	7348m	0.116	ppbv	
20) Methylene Chloride	3.944	84	9237m	0.230	ppbv	
21) Allyl Chloride	4.009	41	7236m	0.102	ppbv	
22) trans-1,2-Dichloroethene	4.452	96	4158	0.093	ppbv #	70
23) Vinyl Acetate	4.649	43	7868m	0.095	ppbv	
24) 1,1-Dichloroethane	4.571	63	10079m	0.104	ppbv	
25) Ethyl Acetate	5.221	43	17626m	0.082	ppbv	
26) Hexane	5.214	57	7542m	0.085	ppbv	
27) Carbon Disulfide	4.131	76	6242	0.060	ppbv #	44
28) Methyl tert-Butyl Ether	4.623	73	5878m	0.105	ppbv	
29) Chloroform	5.282	83	15861m	0.109	ppbv	
30) Cyclohexane	6.607	84	4957m	0.068	ppbv	
31) cis-1,2-Dichloroethene	5.086	61	7278	0.083	ppbv	94
32) 1,1,1-Trichloroethane	6.015	97	12070m	0.085	ppbv	
34) 2-Butanone	4.813	43	10527m	0.083	ppbv	
35) Carbon Tetrachloride	6.501	117	12087m	0.084	ppbv	
36) Benzene	6.375	78	14708m	0.077	ppbv	
37) 1,2-Dichloroethane	5.812	62	9526m	0.089	ppbv	
38) Trichloroethene	7.298	130	7351	0.084	ppbv #	83
39) 1,2-Dichloropropane	7.076	63	6379m	0.087	ppbv	
40) 1,4-Dioxane	7.346	88	2249m	0.076	ppbv	
41) Tetrahydrofuran	5.607	42	5944m	0.082	ppbv	
42) Bromodichloromethane	7.256	83	10439m	0.067	ppbv	
43) Methyl Methacrylate	7.491	69	3486m	0.051	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	23214	0.073	ppbv #	81
45) t-1,3-Dichloropropene	8.716	75	3441m	0.054	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

Quant Time: Aug 01 03:55:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Thu Aug 01 02:36:30 2024

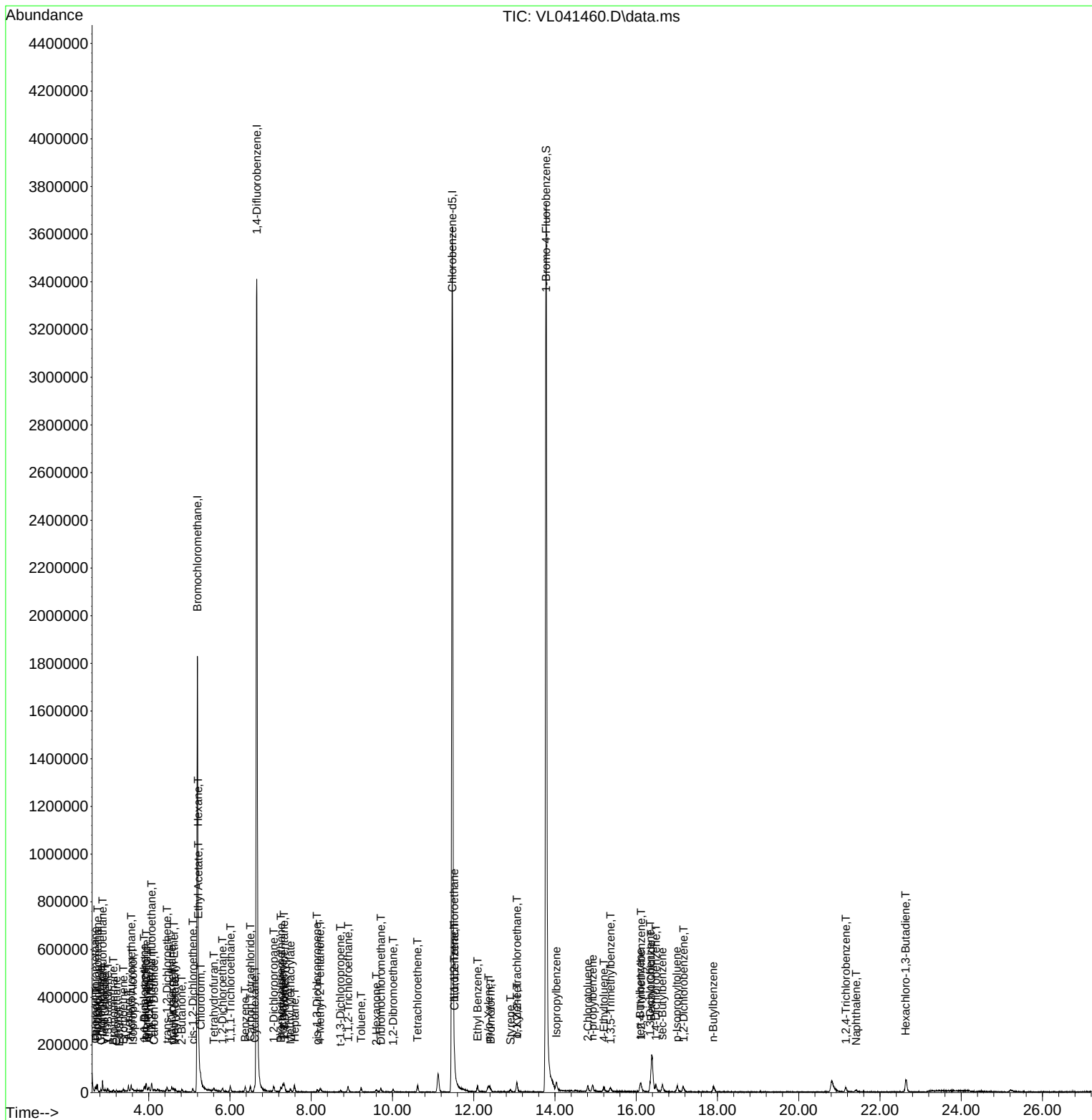
Response via : Initial Calibration

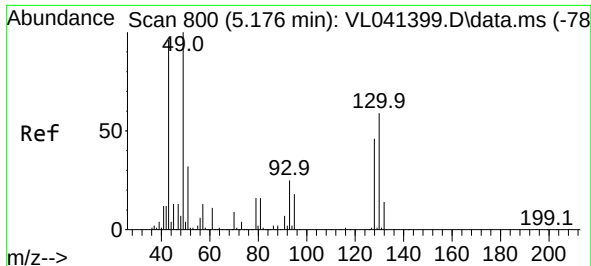
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	5916m	0.065	ppbv	
47) 1,1,2-Trichloroethane	8.909	97	8026m	0.099	ppbv	
48) Dibromochloromethane	9.719	129	7478m	0.057	ppbv	
49) Bromoform	12.417	173	6869m	0.062	ppbv	
50) 4-Methyl-2-Pentanone	8.221	43	13429m	0.067	ppbv	
51) 2-Hexanone	9.603	43	7846m	0.052	ppbv	
52) Tetrachloroethene	10.619	164	6945m	0.094	ppbv	
53) Toluene	9.227	91	11712	0.055	ppbv	93
54) 1,2-Dibromoethane	10.015	107	8386m	0.078	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.523	131	8013m	0.086	ppbv	
57) Chlorobenzene	11.529	112	16262m	0.095	ppbv	
58) Ethyl Benzene	12.095	91	17694m	0.064	ppbv	
59) m/p-Xylene	12.365	91	27461m	0.114	ppbv	
60) o-Xylene	13.066	91	10528m	0.046	ppbv	
61) Styrene	12.909	104	5319m	0.052	ppbv	
62) Isopropylbenzene	14.034	105	24042	0.070	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.063	83	12999m	0.091	ppbv	
64) n-propylbenzene	14.928	120	5471m	0.061	ppbv	
65) tert-Butylbenzene	16.098	119	15429m	0.050	ppbv	
66) Benzyl Chloride	16.368	91	1401m	0.070	ppbv	
67) sec-Butylbenzene	16.645	105	24252m	0.057	ppbv	
69) p-Isopropyltoluene	17.002	119	18813m	0.053	ppbv	
70) n-Butylbenzene	17.892	91	18075m	0.050	ppbv	
71) 2-Chlorotoluene	14.812	91	14196m	0.056	ppbv	
72) 4-Ethyltoluene	15.204	105	14850m	0.056	ppbv	
73) 1,3,5-Trimethylbenzene	15.368	105	12025m	0.052	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	13197m	0.049	ppbv	
75) 1,3-Dichlorobenzene	16.346	146	13337m	0.079	ppbv	
76) 1,4-Dichlorobenzene	16.487	146	12787m	0.079	ppbv	
77) 1,2-Dichlorobenzene	17.163	146	12022m	0.072	ppbv	
78) Hexachloro-1,3-Butadiene	22.632	225	15325m	0.108	ppbv	
79) Naphthalene	21.413	128	10625m	0.045	ppbv	
81) 1,2,4-Trichlorobenzene	21.159	180	6914m	0.049	ppbv	

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

Manual Integrations

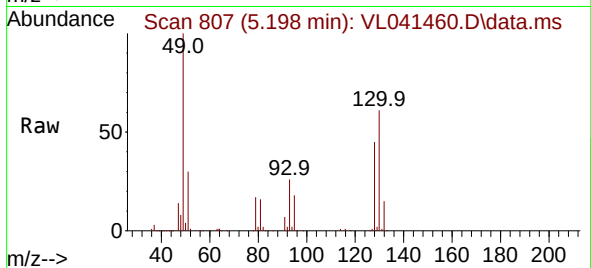
Quant Time: Aug 01 03:55:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 01 02:36:30 2024
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

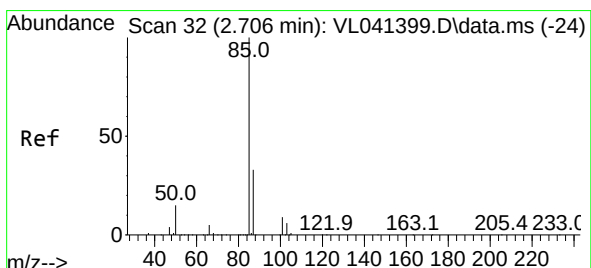
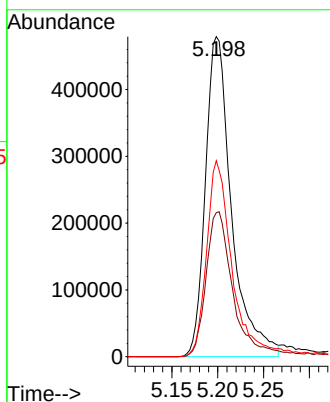
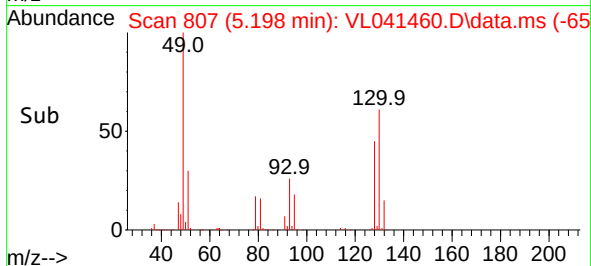
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 49 Resp: 949925
Ion Ratio Lower Upper
49 100
128 48.2 23.8 71.4
130 62.5 30.8 92.4

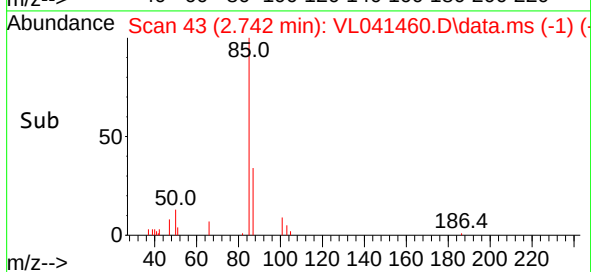
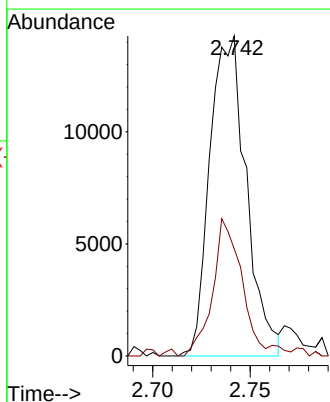
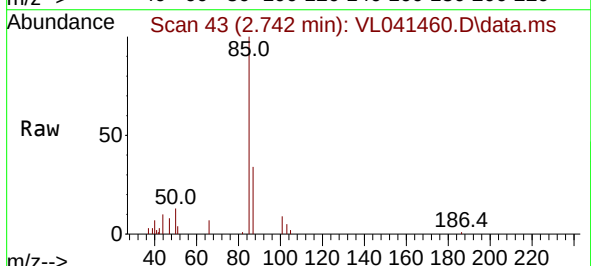
Manual Integrations
APPROVED

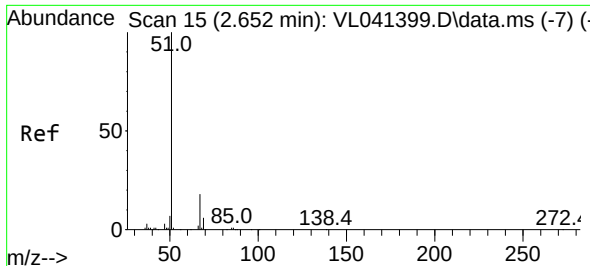
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#2
Dichlorodifluoromethane
Concen: 0.114 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.013 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 85 Resp: 18581
Ion Ratio Lower Upper
85 100
87 33.5 26.0 39.0





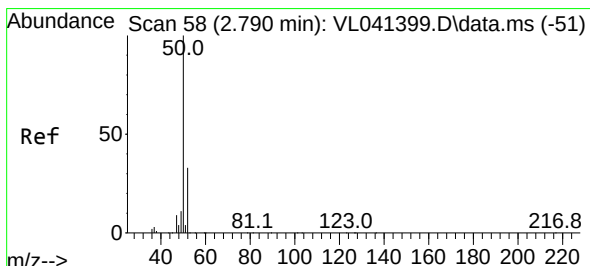
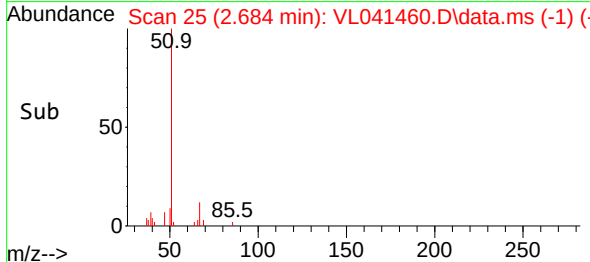
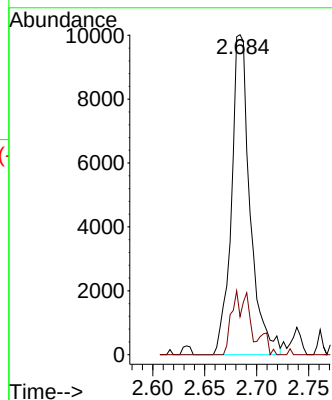
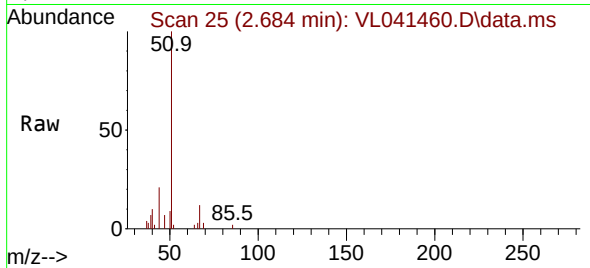
#3
Chlorodifluoromethane
Concen: 0.112 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 51 Resp: 1264
Ion Ratio Lower Upper
51 100
67 20.9 14.5 21.7

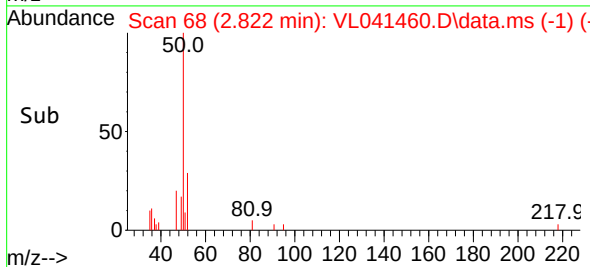
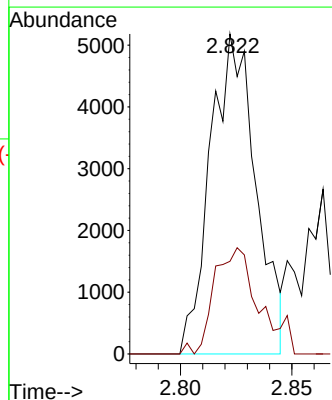
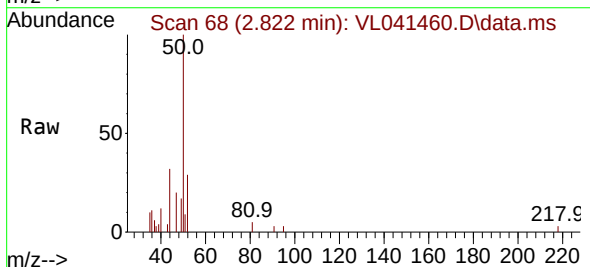
Manual Integrations
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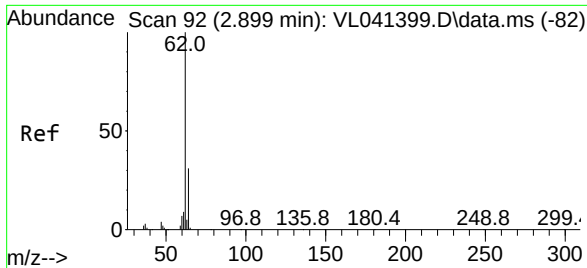
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#4
Chloromethane
Concen: 0.123 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

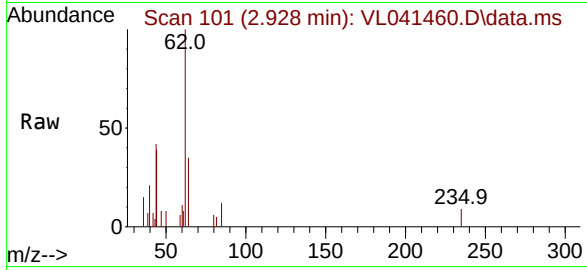
Tgt Ion: 50 Resp: 7368
Ion Ratio Lower Upper
50 100
52 26.5 26.1 39.1





#5
 Vinyl Chloride
 Concen: 0.097 ppbv m
 RT: 2.928 min Scan# 101
 Delta R.T. 0.007 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

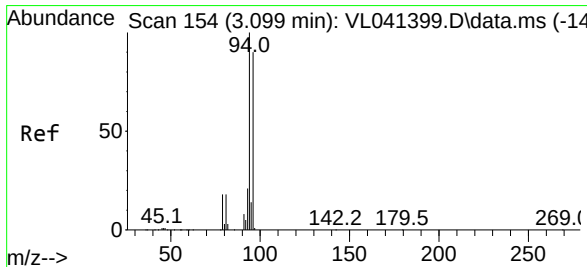
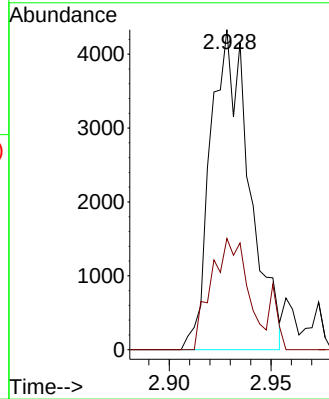
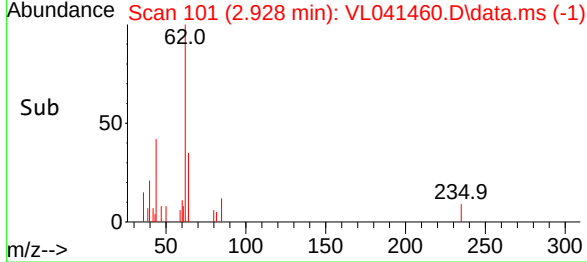
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 62 Resp: 576
 Ion Ratio Lower Upper
 62 100
 64 34.8 25.0 37.4

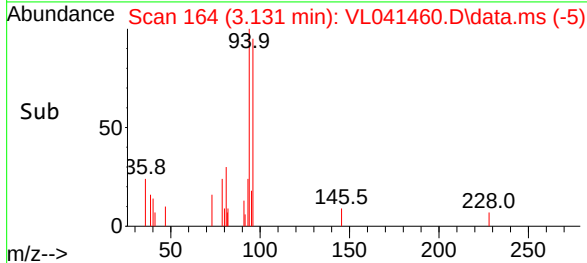
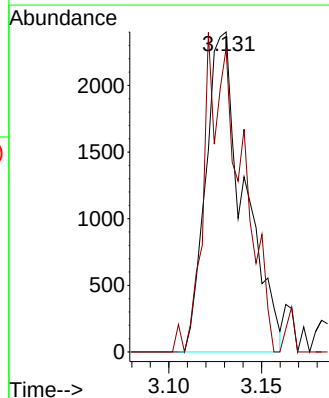
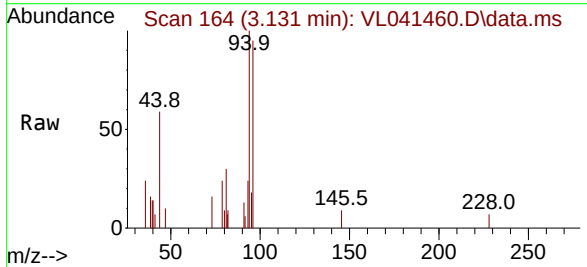
Manual Integrations
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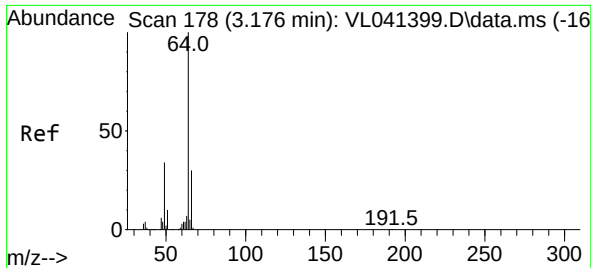
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#6
 Bromomethane
 Concen: 0.113 ppbv m
 RT: 3.131 min Scan# 164
 Delta R.T. 0.010 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

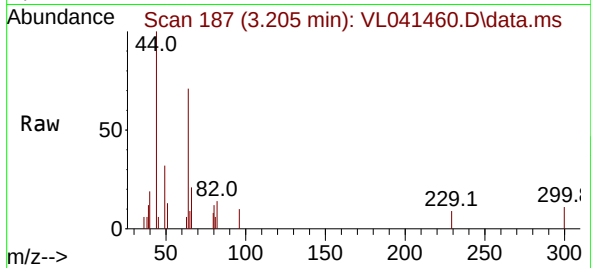
Tgt Ion: 94 Resp: 3445
 Ion Ratio Lower Upper
 94 100
 96 94.9 72.3 108.5





#7
Chloroethane
Concen: 0.104 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

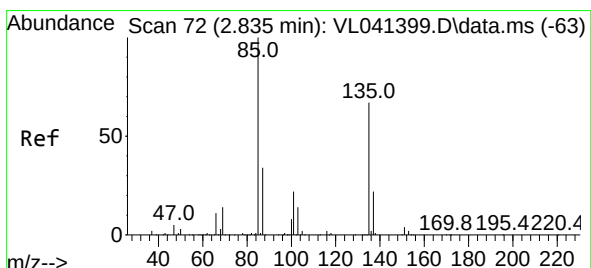
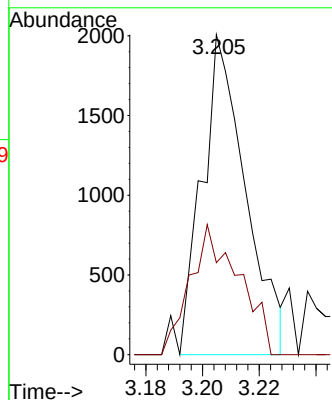
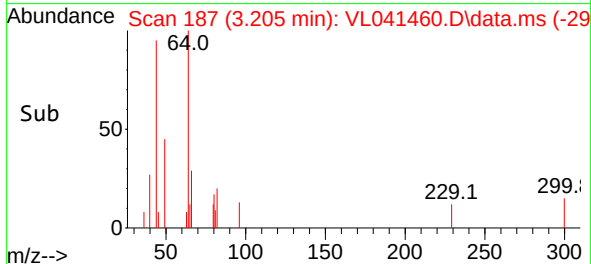
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 28.7 24.2 36.2

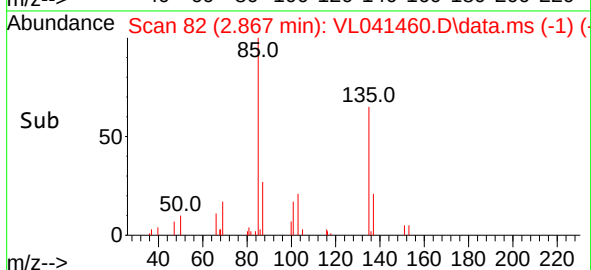
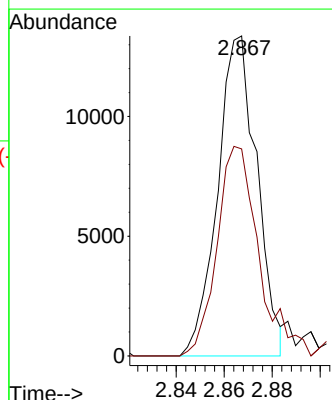
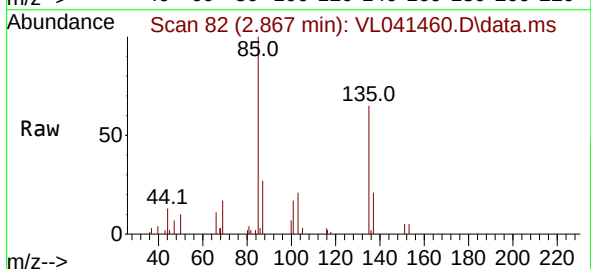
Manual Integrations
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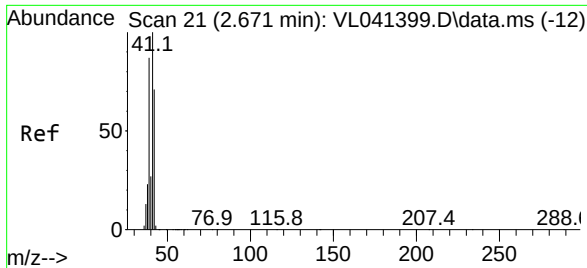
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#8
Dichlorotetrafluoroethane
Concen: 0.105 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

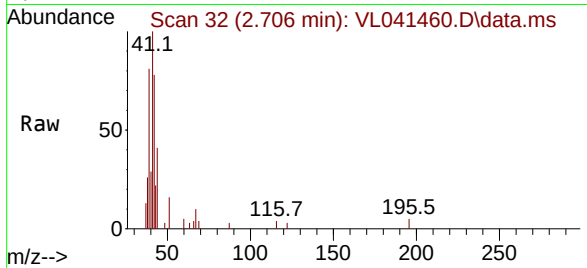
Tgt Ion: 85 Resp: 15197
Ion Ratio Lower Upper
85 100
135 70.8 55.4 83.0





#9
Propene
Concen: 0.167 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

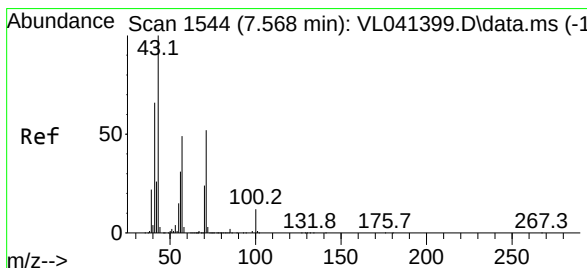
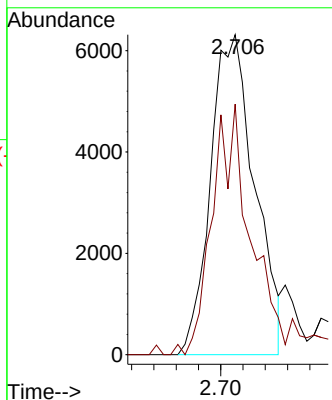
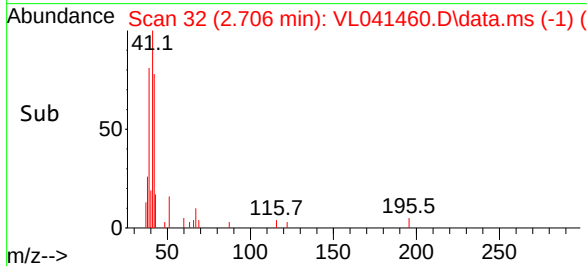
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 41 Resp: 8692
Ion Ratio Lower Upper
41 100
42 75.2 55.9 83.9

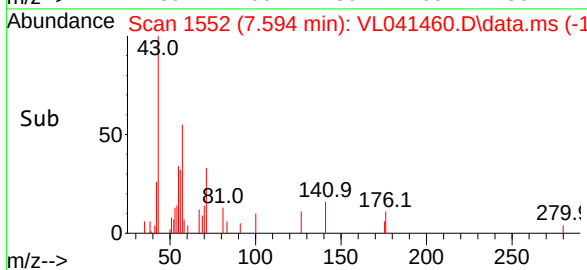
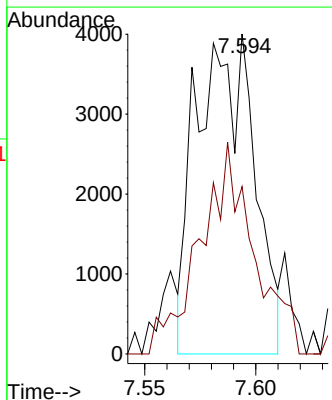
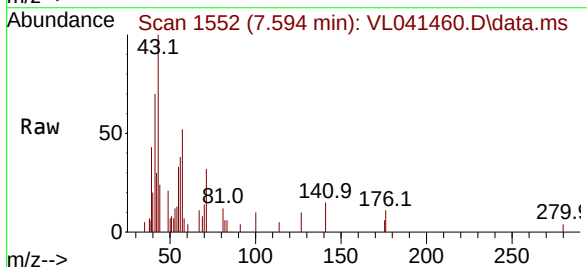
Manual Integrations
APPROVED

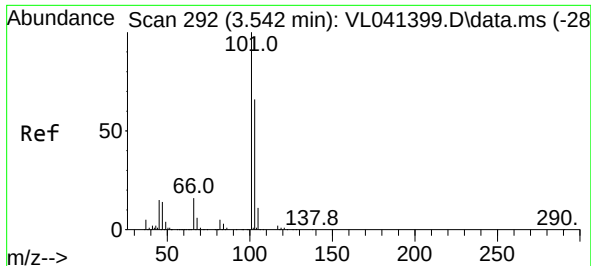
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#10
Heptane
Concen: 0.062 ppbv m
RT: 7.594 min Scan# 1552
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

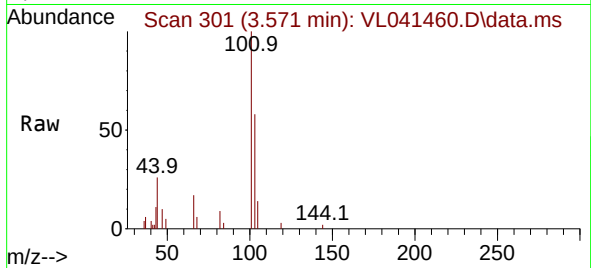
Tgt Ion: 43 Resp: 7186
Ion Ratio Lower Upper
43 100
57 61.4 40.5 60.7#





#11
Trichlorofluoromethane
Concen: 0.097 ppbv m
RT: 3.571 min Scan# 301
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

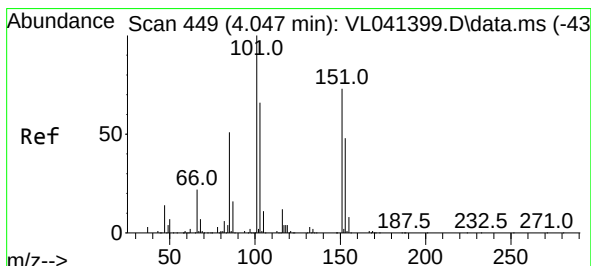
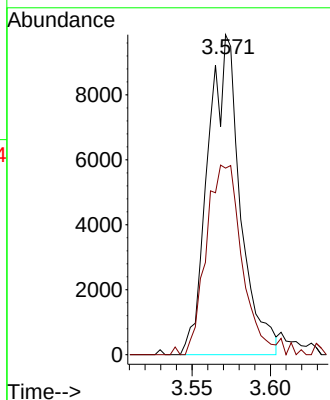
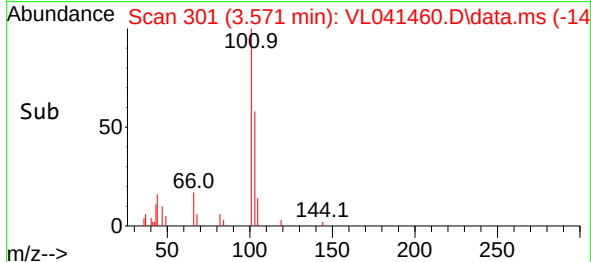
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:101 Resp: 1413
Ion Ratio Lower Upper
101 100
103 58.3 52.6 79.0

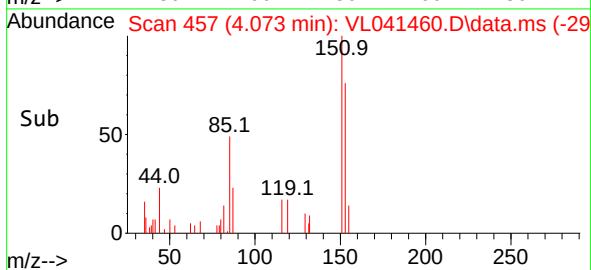
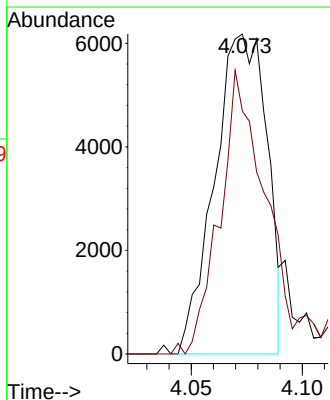
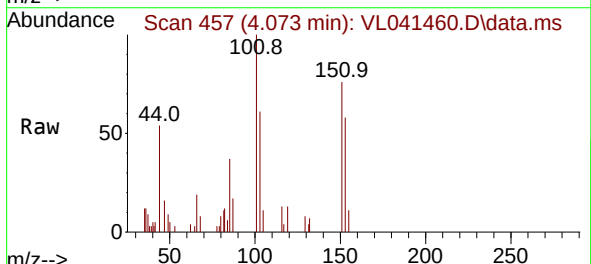
Manual Integrations
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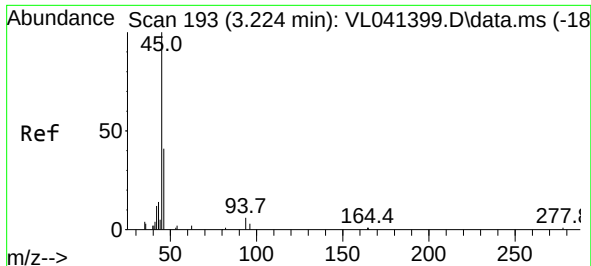
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.097 ppbv m
RT: 4.073 min Scan# 457
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

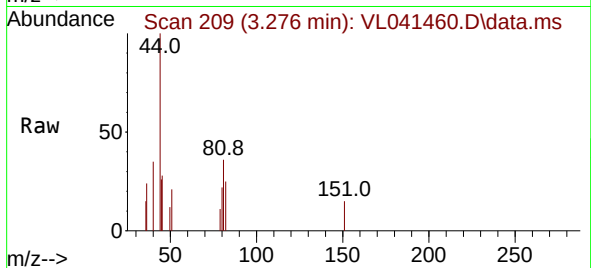
Tgt Ion:101 Resp: 10157
Ion Ratio Lower Upper
101 100
151 81.2 59.4 89.2





#13
Ethanol
Concen: 0.274 ppbv m
RT: 3.276 min Scan# 209
Delta R.T. 0.029 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

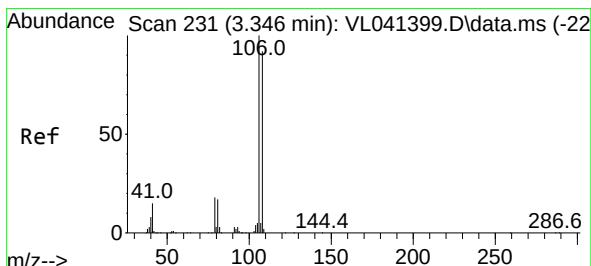
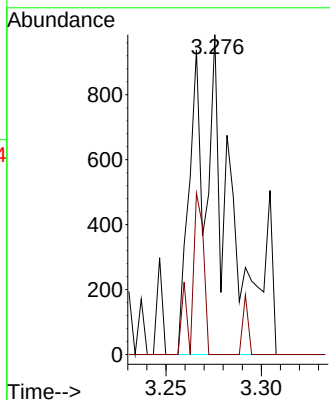
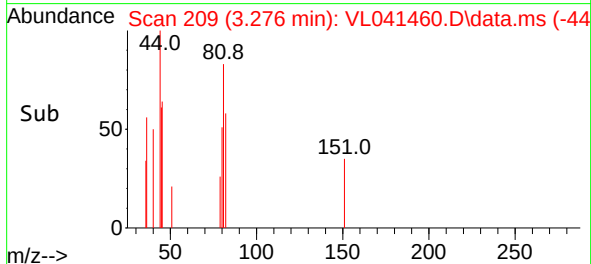
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 45 Resp: 1270
Ion Ratio Lower Upper
45 100
46 16.9 13.4 53.4

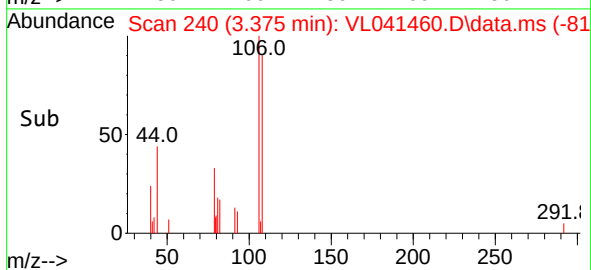
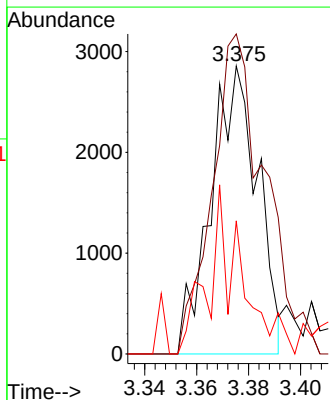
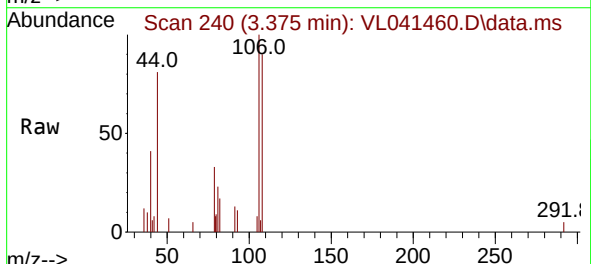
Manual Integrations
APPROVED

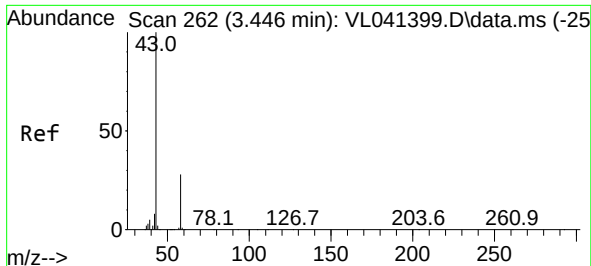
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#14
Bromoethene
Concen: 0.088 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

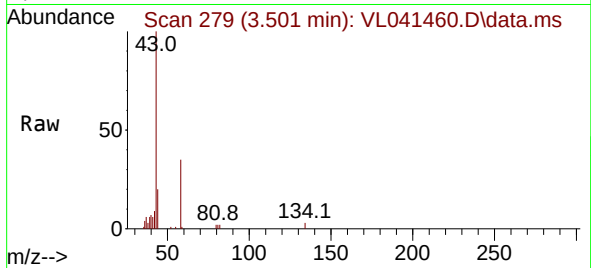
Tgt Ion:108 Resp: 3572
Ion Ratio Lower Upper
108 100
106 124.8 86.9 130.3
79 44.1 16.2 24.4#





#15
Acetone
Concen: 0.194 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

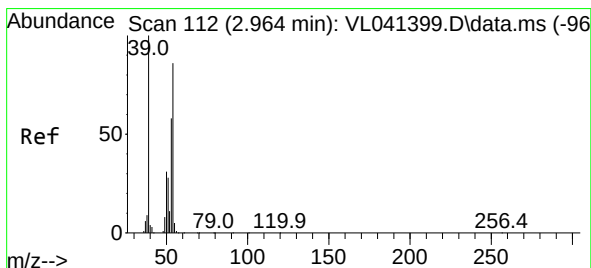
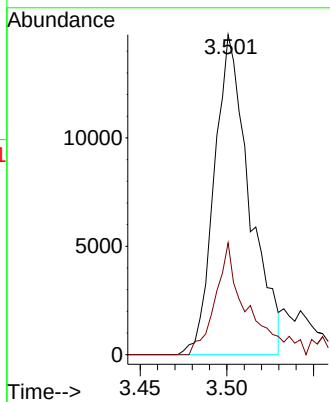
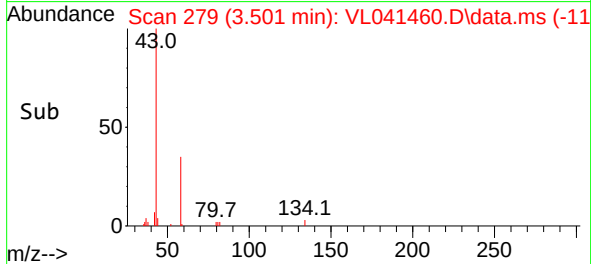
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 43 Resp: 2089
Ion Ratio Lower Upper
43 100
58 34.8 21.4 32.2

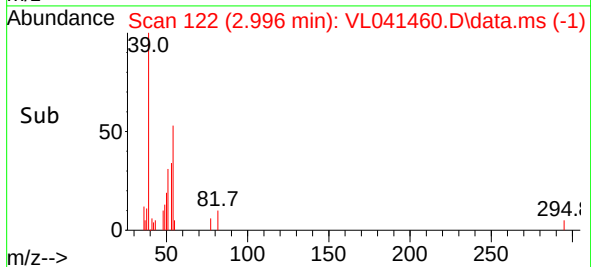
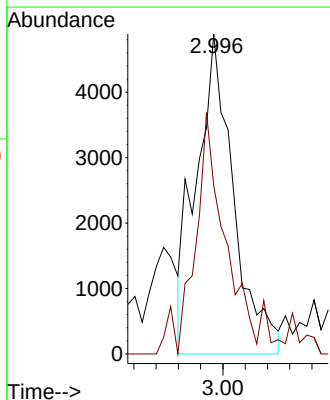
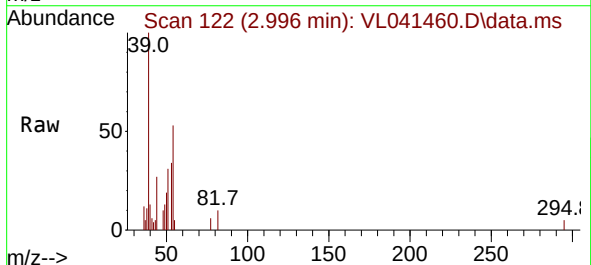
Manual Integrations
APPROVED

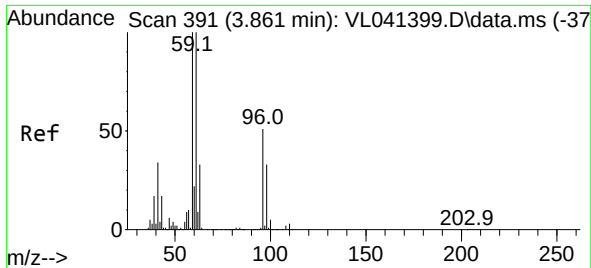
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#16
1,3-Butadiene
Concen: 0.099 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

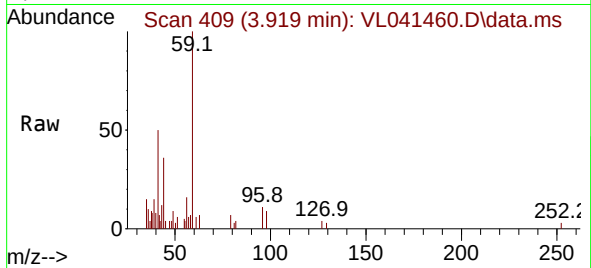
Tgt Ion: 39 Resp: 5701
Ion Ratio Lower Upper
39 100
54 64.0 62.5 93.7





#17
tert-Butyl alcohol
Concen: 0.116 ppbv m
RT: 3.919 min Scan# 409
Delta R.T. 0.042 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

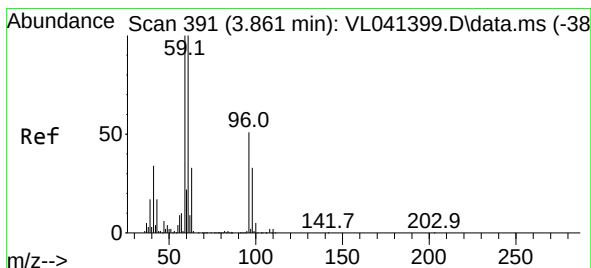
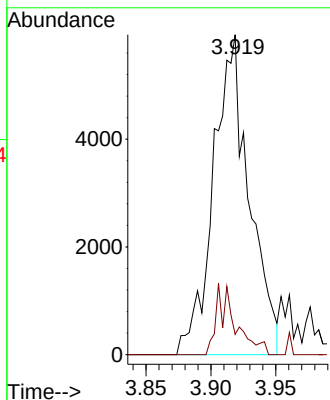
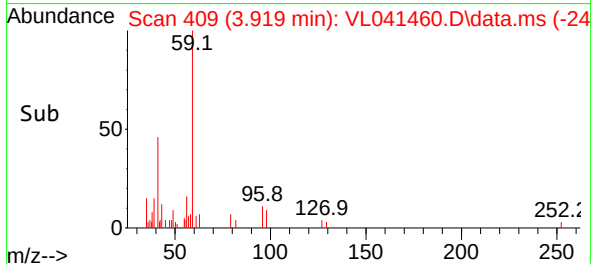
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 59 Resp: 11404
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

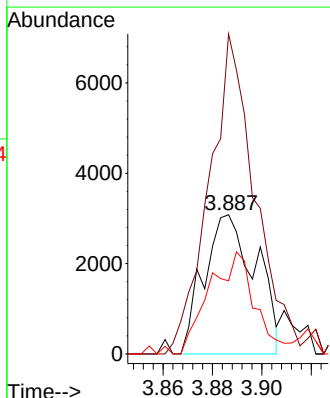
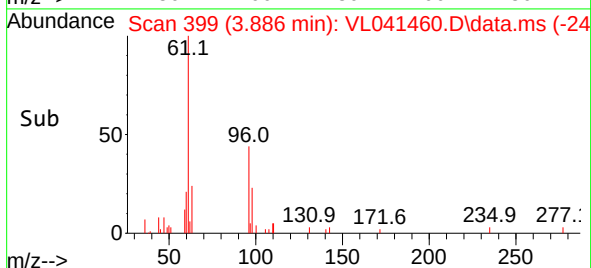
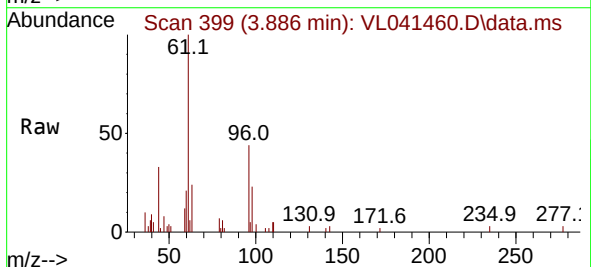
Manual Integrations
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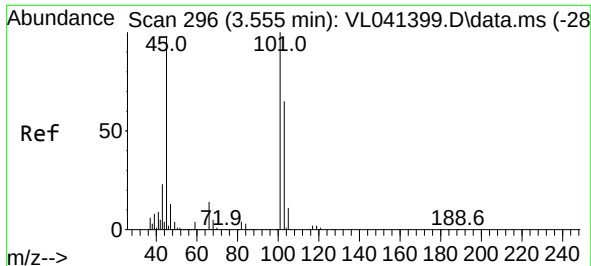
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#18
1,1-Dichloroethene
Concen: 0.101 ppbv m
RT: 3.886 min Scan# 399
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

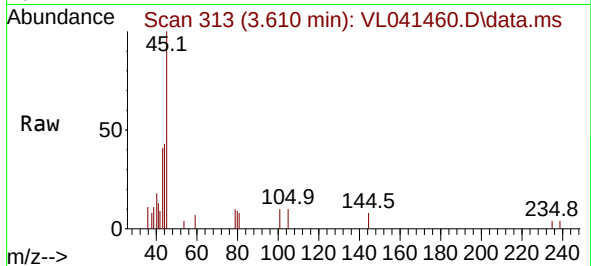
Tgt Ion: 96 Resp: 4506
Ion Ratio Lower Upper
96 100
61 229.9 157.5 236.3
98 52.5 51.2 76.8





#19
Isopropyl Alcohol
Concen: 0.116 ppbv m
RT: 3.610 min Scan# 313
Delta R.T. 0.036 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

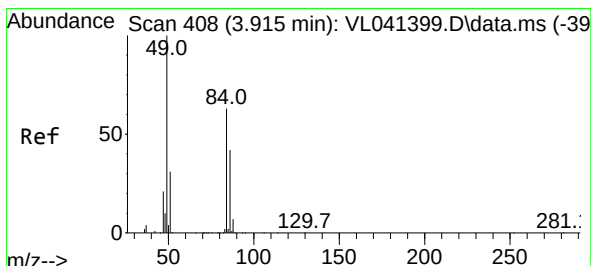
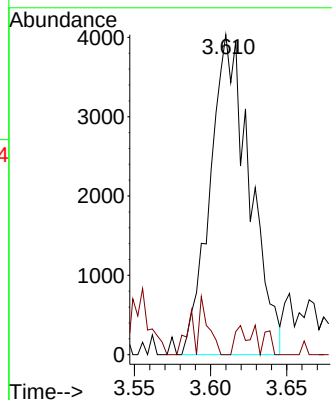
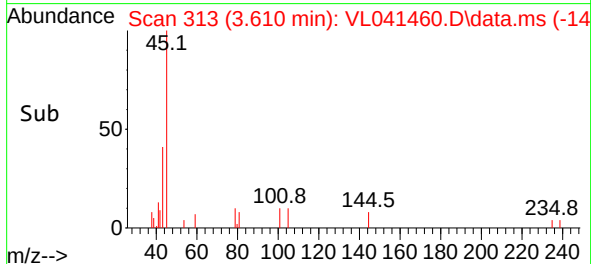
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



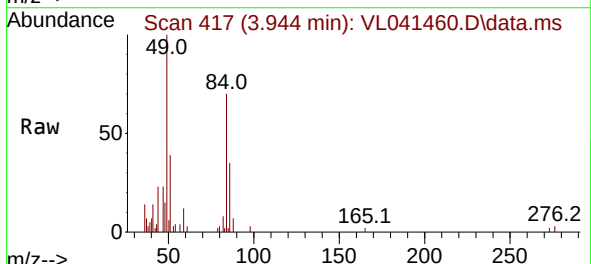
Tgt Ion: 45 Resp: 7348
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9

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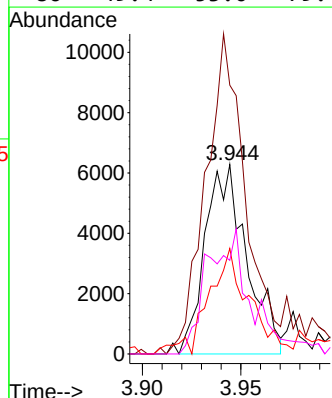
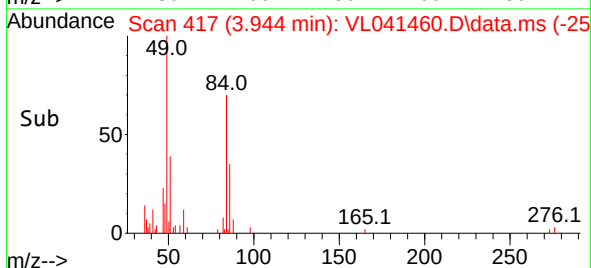
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

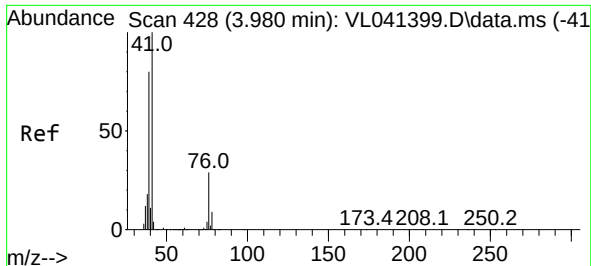


#20
Methylene Chloride
Concen: 0.230 ppbv m
RT: 3.944 min Scan# 417
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54



Tgt Ion: 84 Resp: 9237
Ion Ratio Lower Upper
84 100
49 141.8 126.6 190.0
51 55.7 38.6 58.0
86 49.4 53.0 79.4





#21

Allyl Chloride

Concen: 0.102 ppbv m

RT: 4.009 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

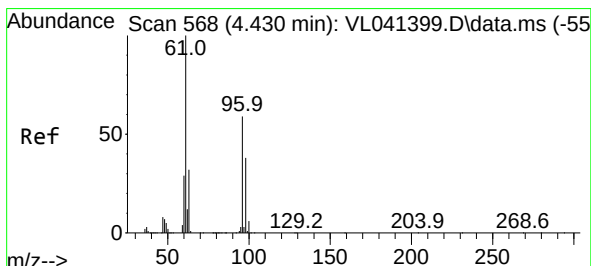
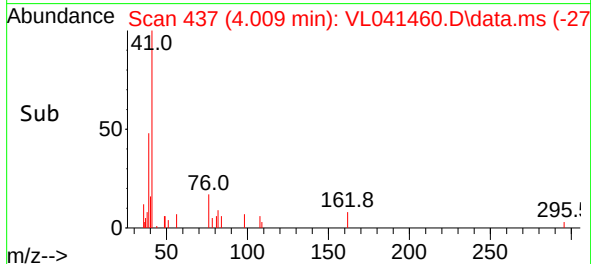
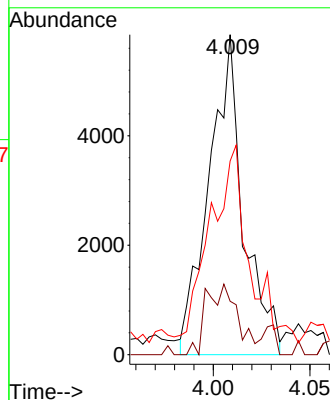
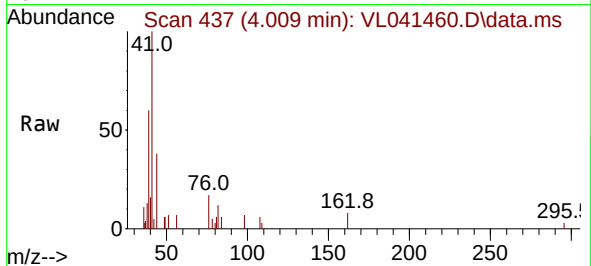
Tgt Ion: 41 Resp: 7236

Ion	Ratio	Lower	Upper
41	100		
76	24.7	23.7	35.5
39	96.2	64.3	96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#22

trans-1,2-Dichloroethene

Concen: 0.093 ppbv

RT: 4.452 min Scan# 575

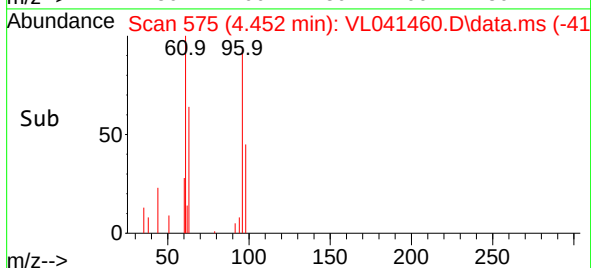
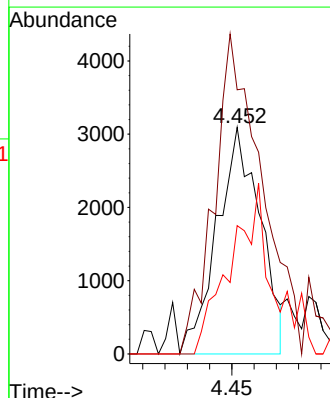
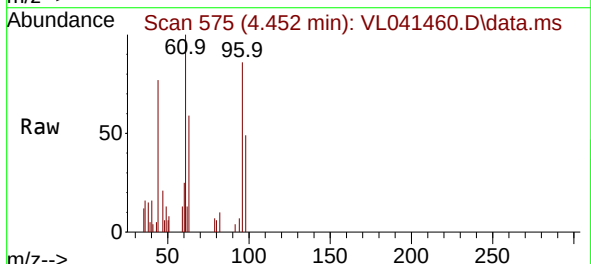
Delta R.T. 0.007 min

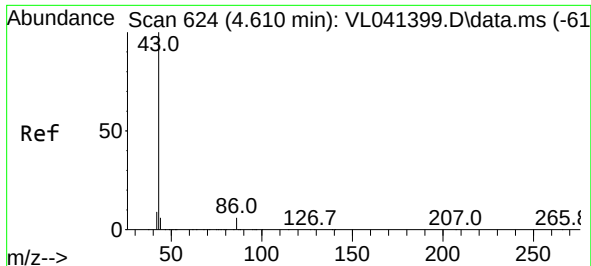
Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion: 96 Resp: 4158

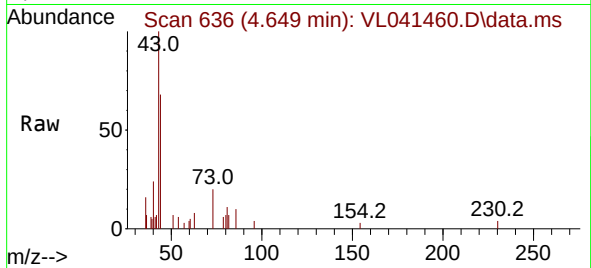
Ion	Ratio	Lower	Upper
96	100		
61	116.6	135.4	203.2#
98	56.6	51.0	76.4





#23
 Vinyl Acetate
 Concen: 0.095 ppbv m
 RT: 4.649 min Scan# 612
 Delta R.T. 0.019 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

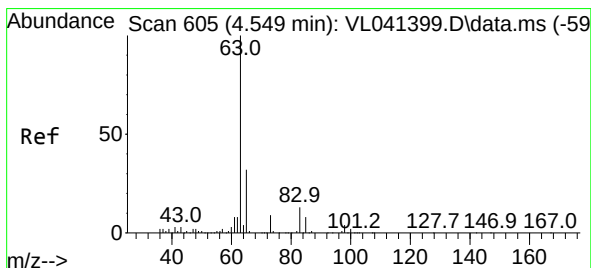
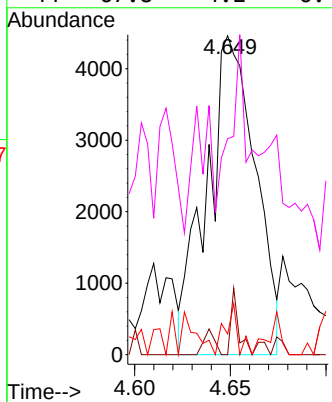
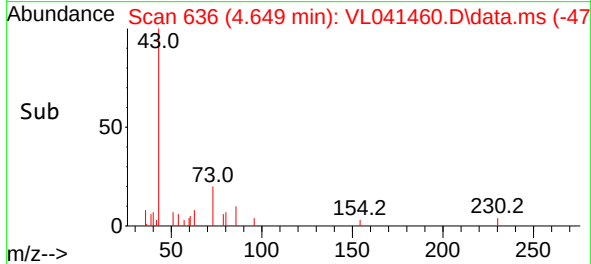
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 43 Resp: 786
 Ion Ratio Lower Upper
 43 100
 86 0.0 4.6 6.8
 42 6.5 7.9 11.9
 44 67.8 4.2 6.4

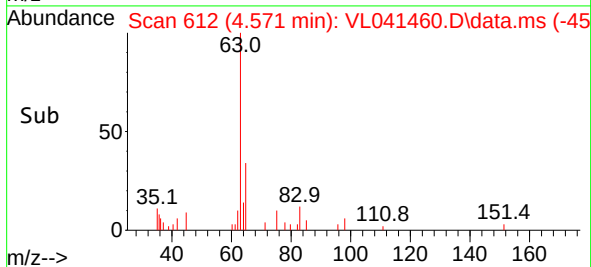
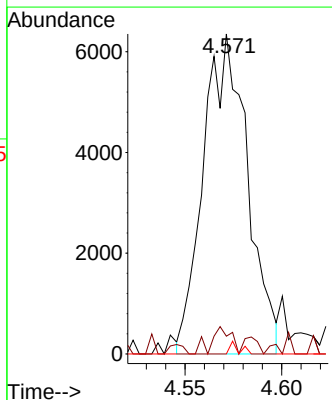
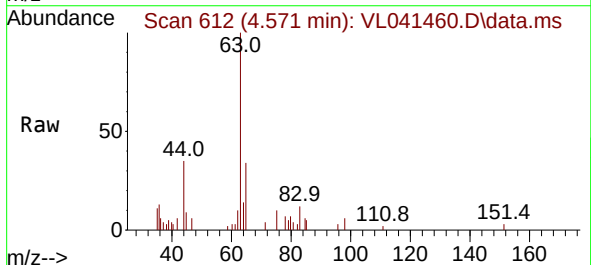
Manual Integrations
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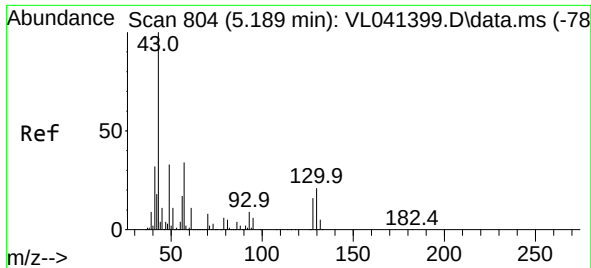
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#24
 1,1-Dichloroethane
 Concen: 0.104 ppbv m
 RT: 4.571 min Scan# 612
 Delta R.T. 0.007 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

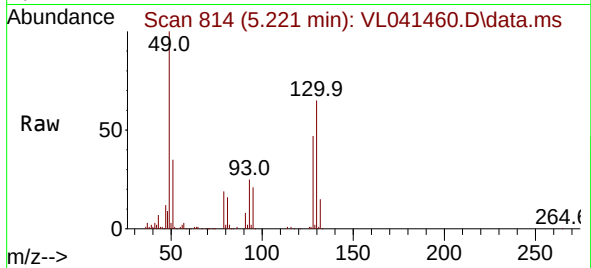
Tgt Ion: 63 Resp: 10079
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.0 6.0
 100 0.0 1.2 3.6





#25
Ethyl Acetate
Concen: 0.082 ppbv m
RT: 5.221 min Scan# 814
Delta R.T. 0.016 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

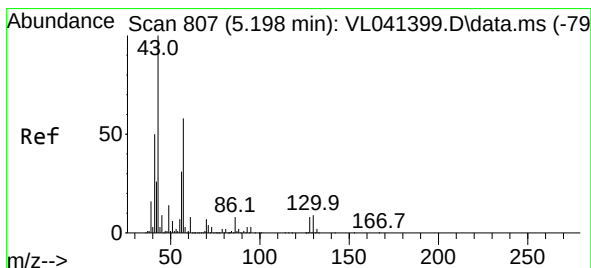
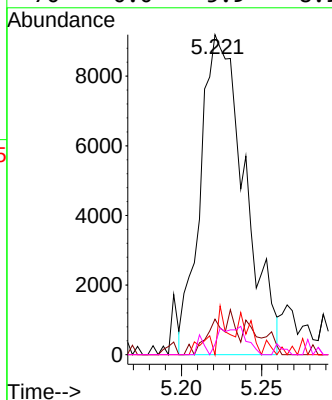
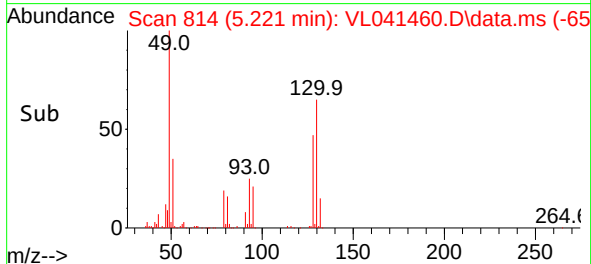
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



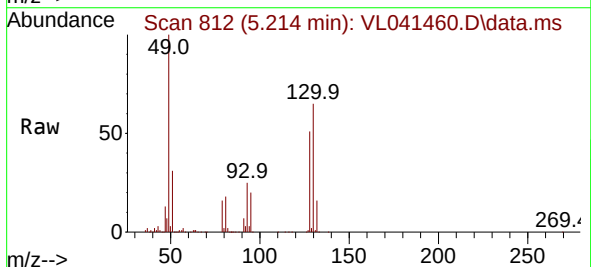
Tgt Ion: 43 Resp: 17620
Ion Ratio Lower Upper
43 100
45 0.0 8.5 12.7#
61 9.5 8.0 12.0#
70 0.0 5.9 8.9#

Manual Integrations
APPROVED

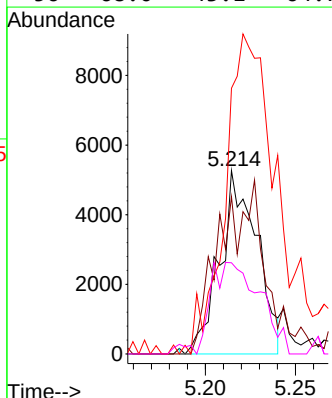
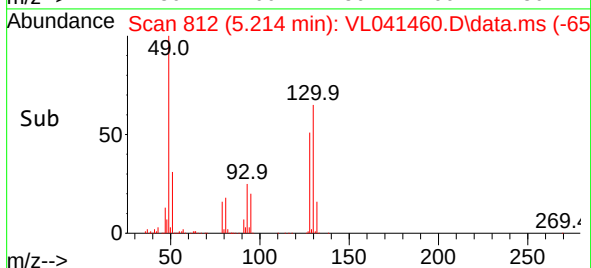
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

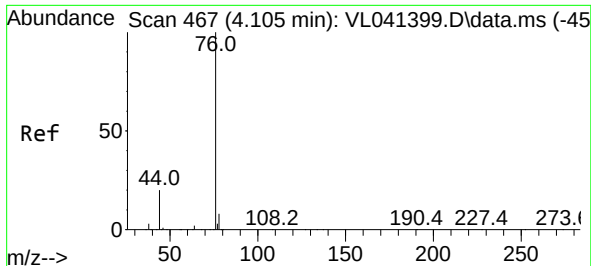


#26
Hexane
Concen: 0.085 ppbv m
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54



Tgt Ion: 57 Resp: 7542
Ion Ratio Lower Upper
57 100
41 0.0 74.0 111.0#
43 0.0 193.6 290.4#
56 68.0 43.1 64.7#





#27

Carbon Disulfide

Concen: 0.060 ppbv

RT: 4.131 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

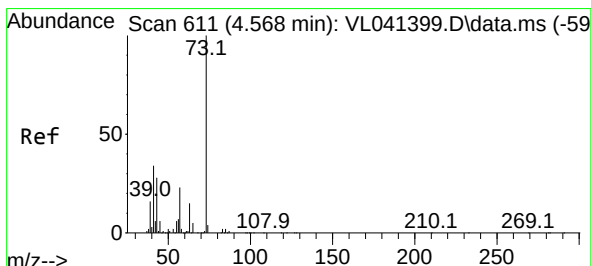
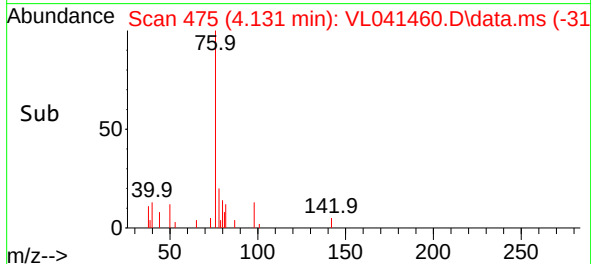
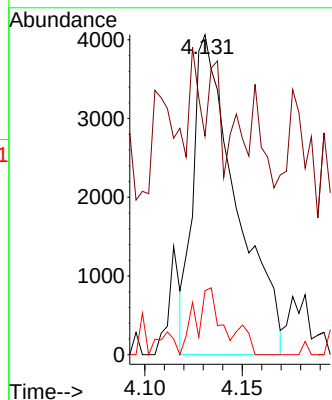
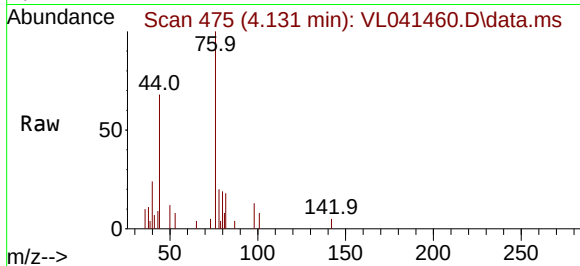
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 76	Resp: 624
Ion Ratio	Lower Upper
76 100	
44 54.8	15.6 23.4
78 14.4	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#28

Methyl tert-Butyl Ether

Concen: 0.105 ppbv m

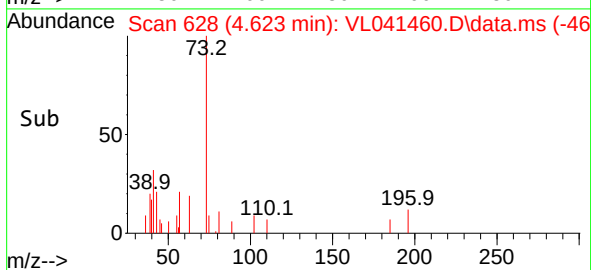
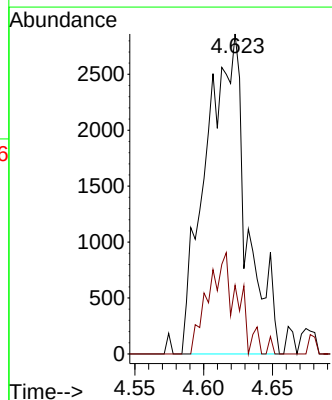
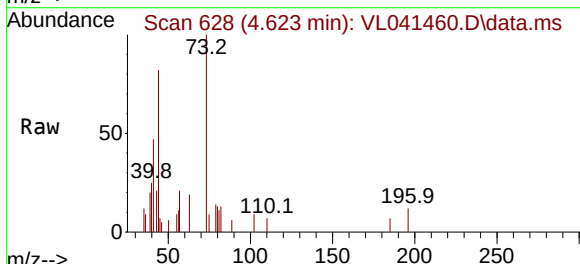
RT: 4.623 min Scan# 628

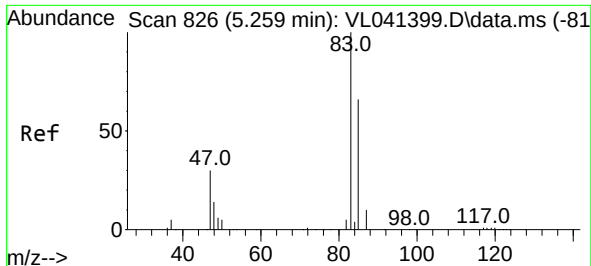
Delta R.T. 0.036 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

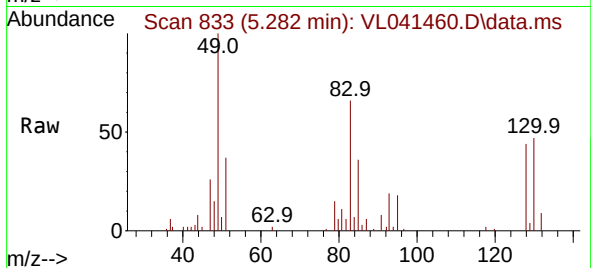
Tgt Ion: 73	Resp: 5878
Ion Ratio	Lower Upper
73 100	
57 0.0	18.9 28.3





#29
Chloroform
Concen: 0.109 ppbv m
RT: 5.282 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

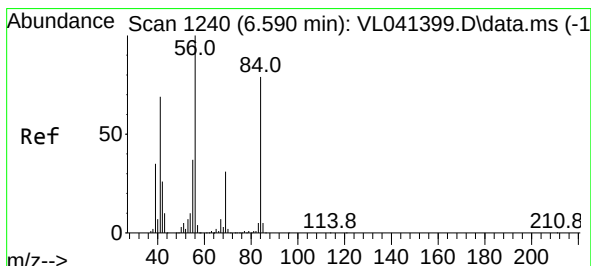
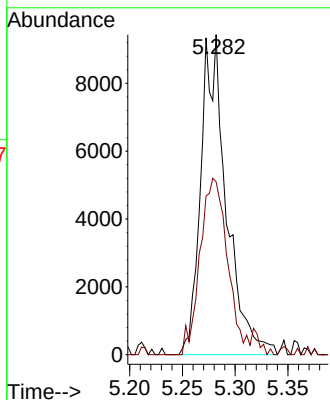
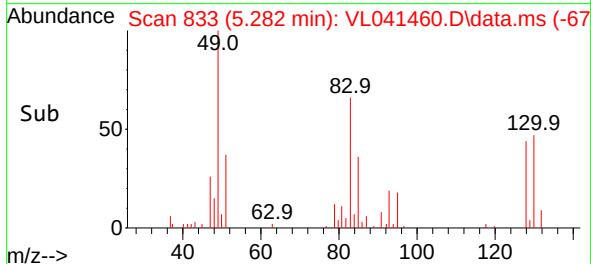
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 83 Resp: 1586
Ion Ratio Lower Upper
83 100
85 54.1 53.1 79.7

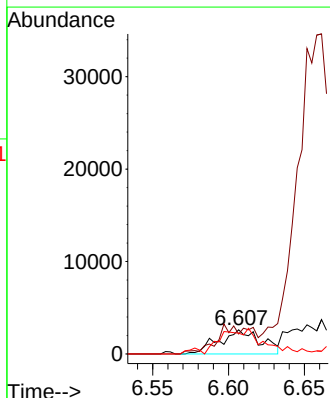
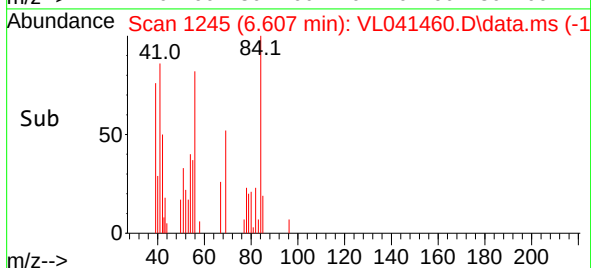
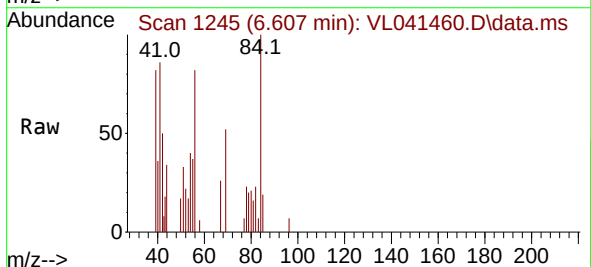
Manual Integrations
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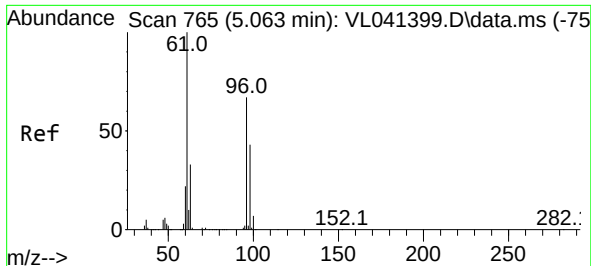
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#30
Cyclohexane
Concen: 0.068 ppbv m
RT: 6.607 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

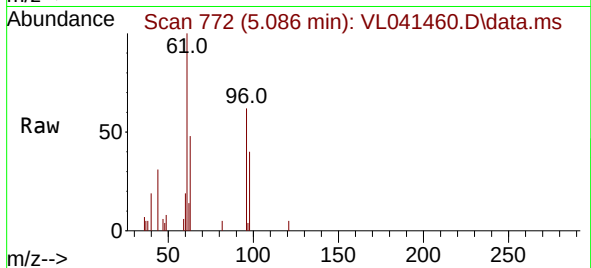
Tgt Ion: 84 Resp: 4957
Ion Ratio Lower Upper
84 100
56 0.0 111.2 166.8#
41 121.9 70.3 105.5#





#31
cis-1,2-Dichloroethene
Concen: 0.083 ppbv
RT: 5.086 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

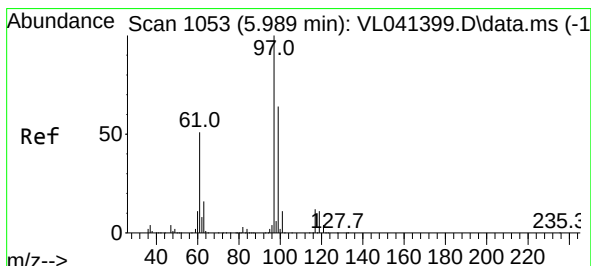
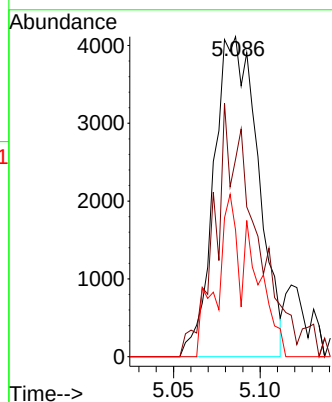
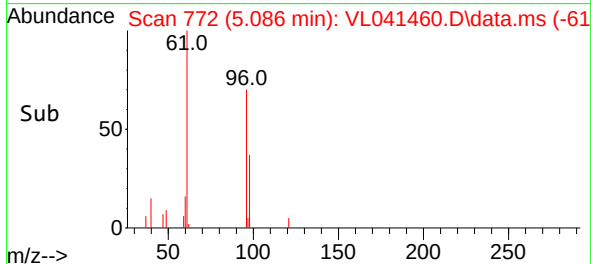
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 61 Resp: 7278
Ion Ratio Lower Upper
61 100
96 61.7 53.4 80.2
98 39.5 34.4 51.6

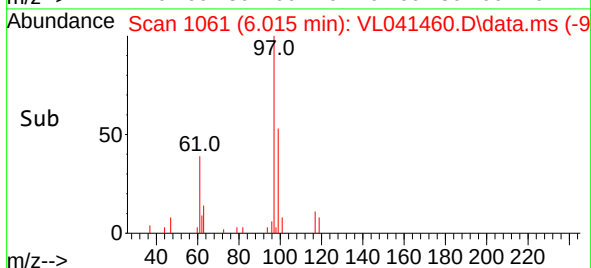
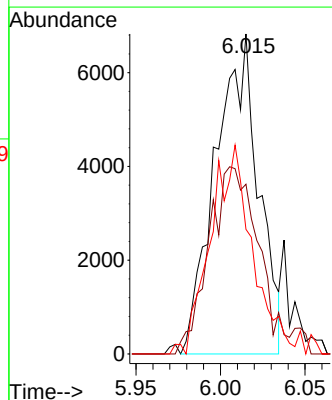
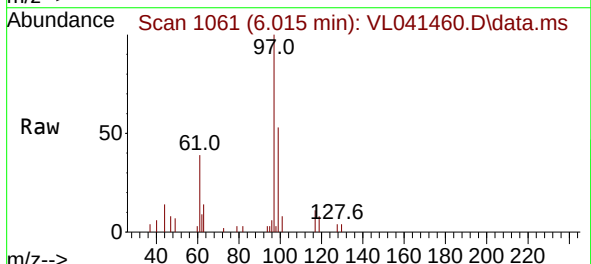
Manual Integrations
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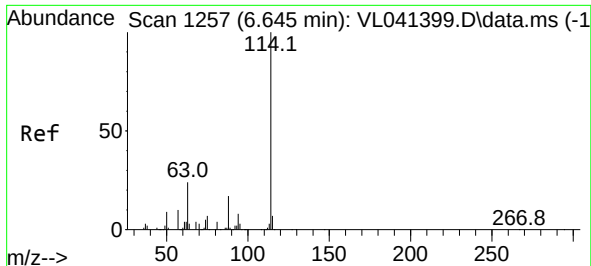
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#32
1,1,1-Trichloroethane
Concen: 0.085 ppbv m
RT: 6.015 min Scan# 1061
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 97 Resp: 12070
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 0.0 41.8 62.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041460.D

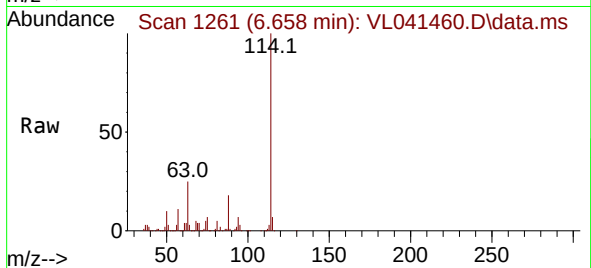
Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024



Tgt Ion:114 Resp: 262121

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

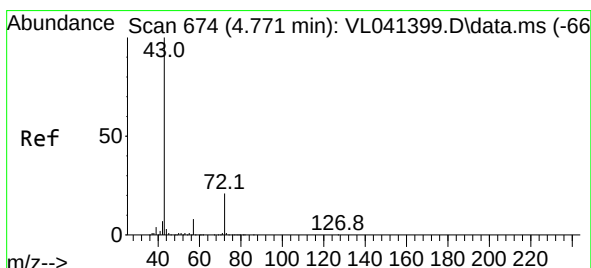
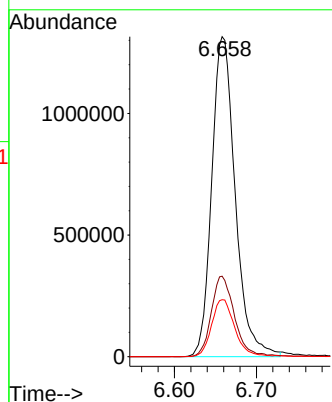
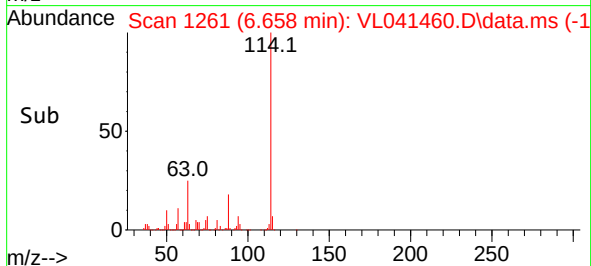
88 17.9 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#34

2-Butanone

Concen: 0.083 ppbv m

RT: 4.813 min Scan# 687

Delta R.T. 0.026 min

Lab File: VL041460.D

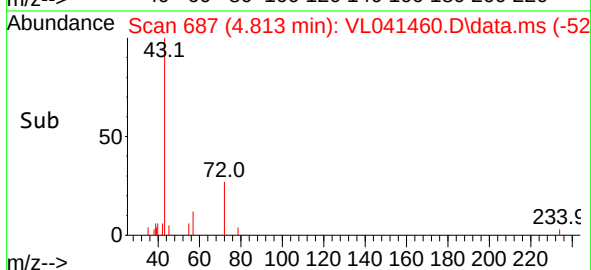
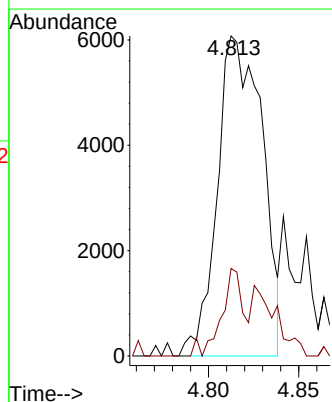
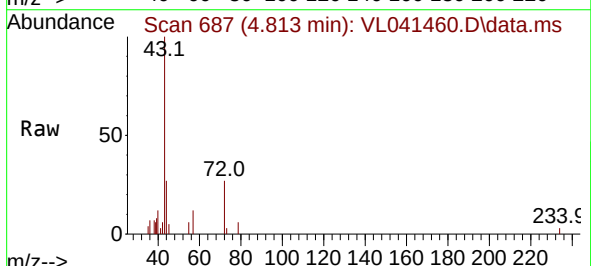
Acq: 31 Jul 2024 12:54

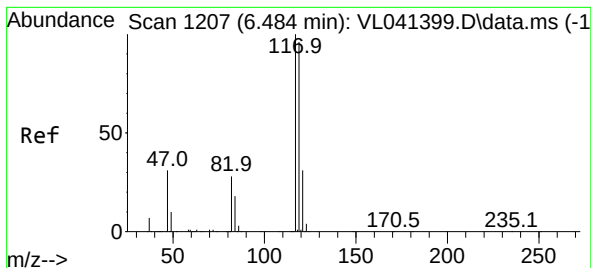
Tgt Ion: 43 Resp: 10527

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.084 ppbv m

RT: 6.501 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

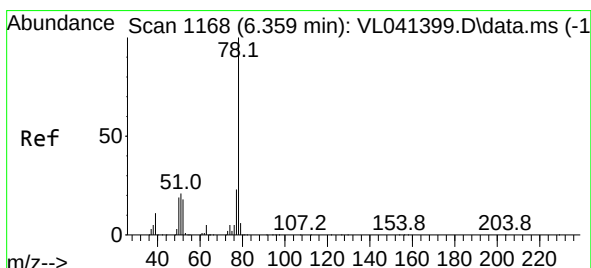
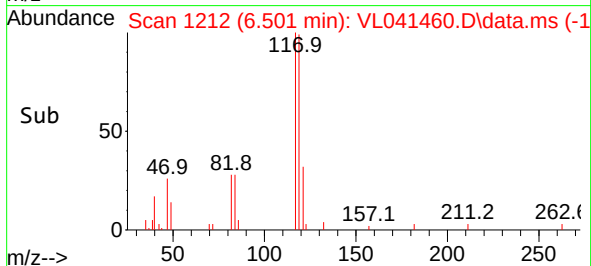
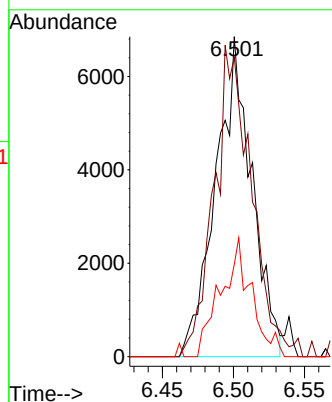
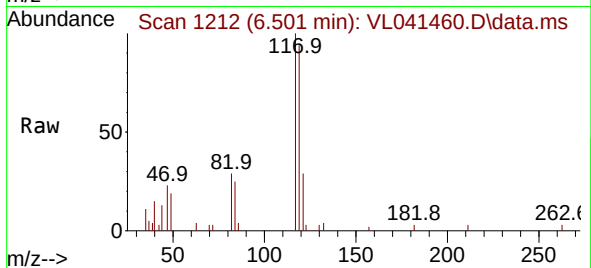
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:	117	Resp:	1208
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.6	115.0
121	28.9	25.1	37.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#36

Benzene

Concen: 0.077 ppbv m

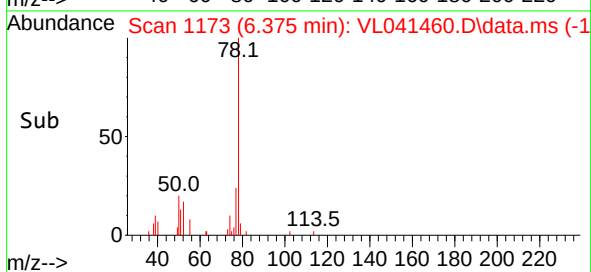
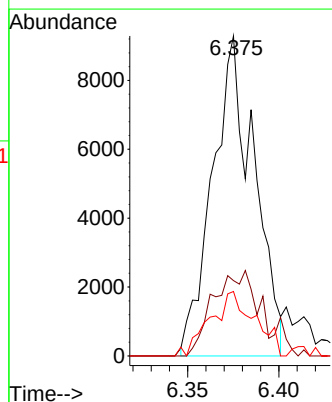
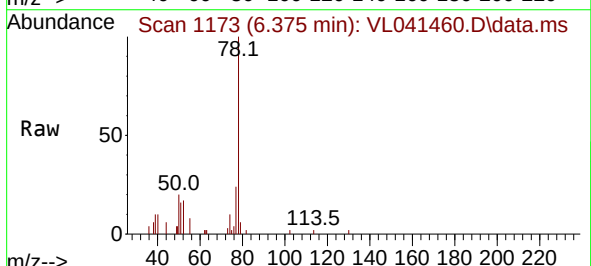
RT: 6.375 min Scan# 1173

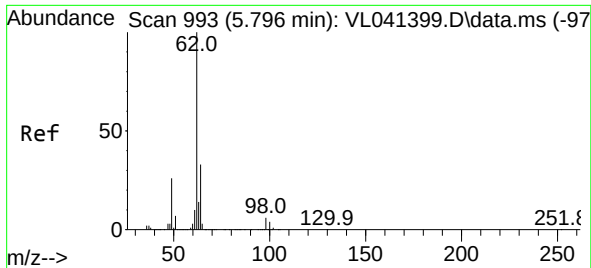
Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

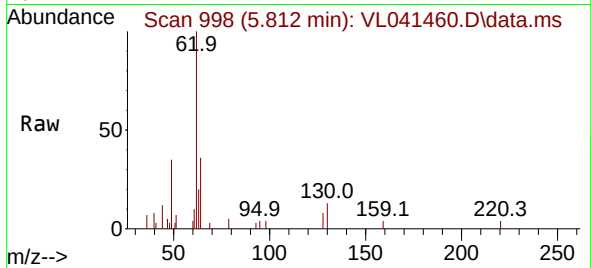
Tgt Ion:	78	Resp:	14708
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.1	27.1
50	20.2	15.5	23.3





#37
1,2-Dichloroethane
Concen: 0.089 ppbv m
RT: 5.812 min Scan# 993
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

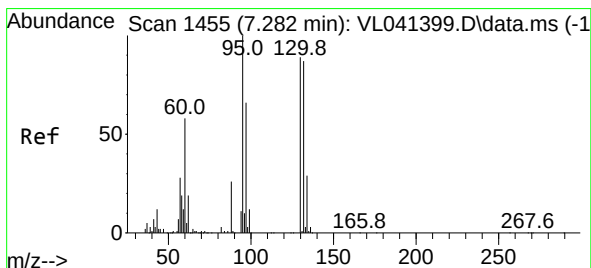
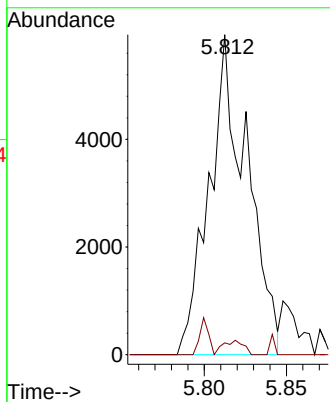
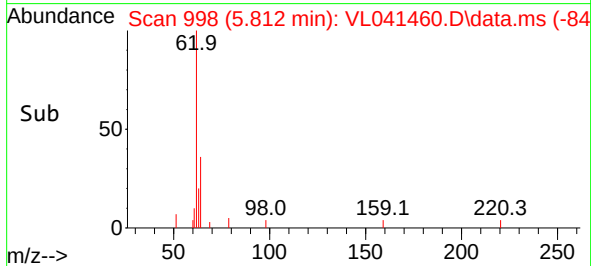
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 62 Resp: 9520
Ion Ratio Lower Upper
62 100
98 5.1 5.0 7.4

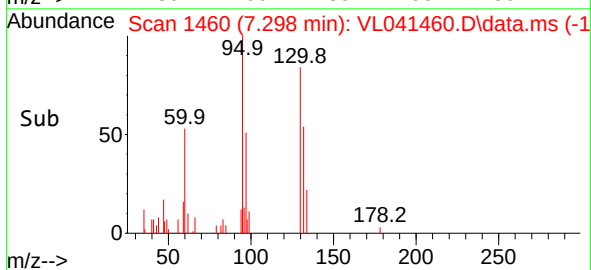
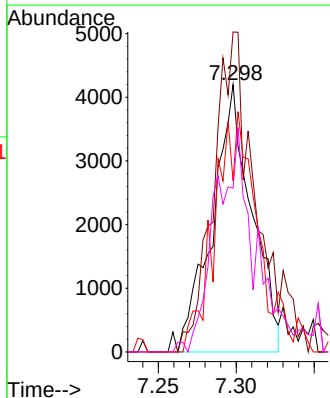
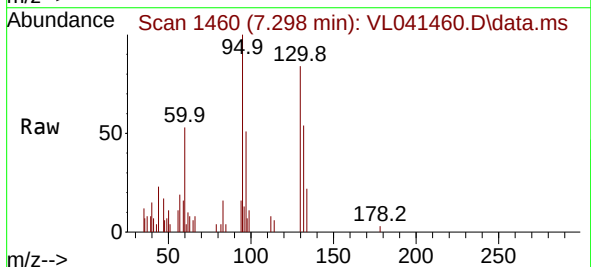
Manual Integrations
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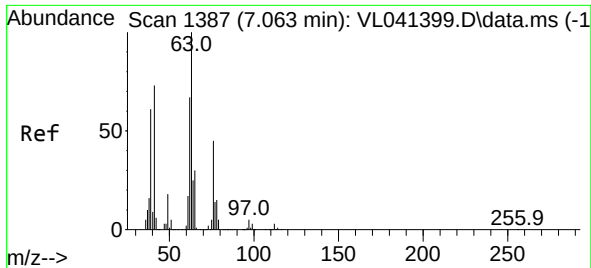
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#38
Trichloroethene
Concen: 0.084 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion:130 Resp: 7351
Ion Ratio Lower Upper
130 100
95 119.7 90.2 135.2
132 64.1 78.1 117.1#
97 66.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.087 ppbv m

RT: 7.076 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

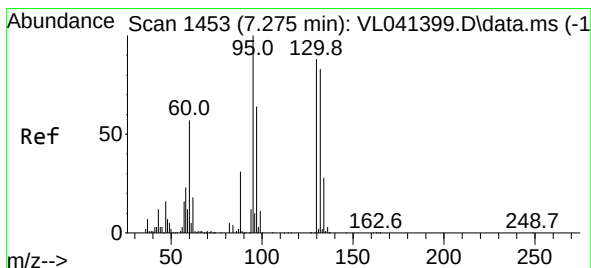
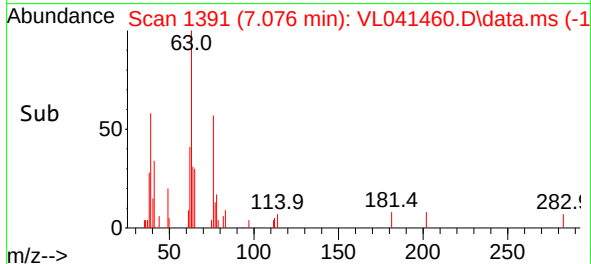
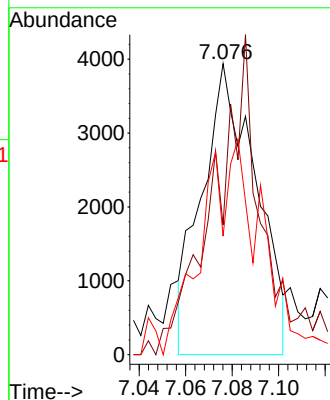
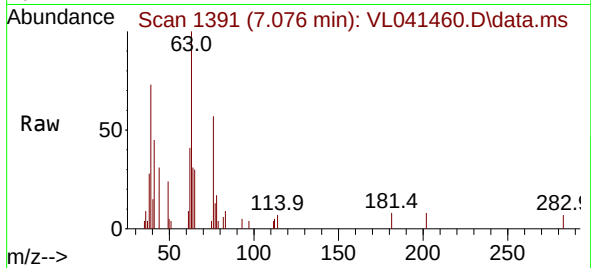
Tgt Ion: 63	Resp: 6379
Ion Ratio	Lower Upper
63	100
41	44.6 58.3 87.5
62	40.7 53.9 80.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#40

1,4-Dioxane

Concen: 0.076 ppbv m

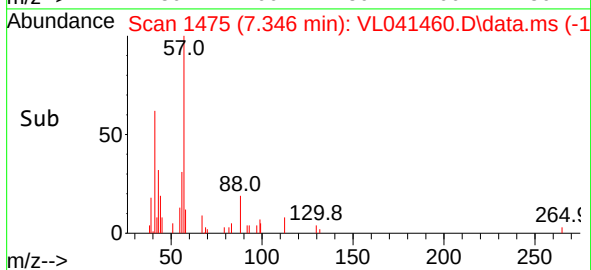
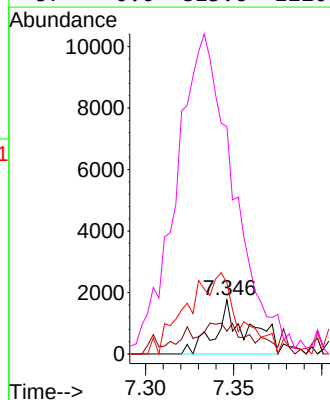
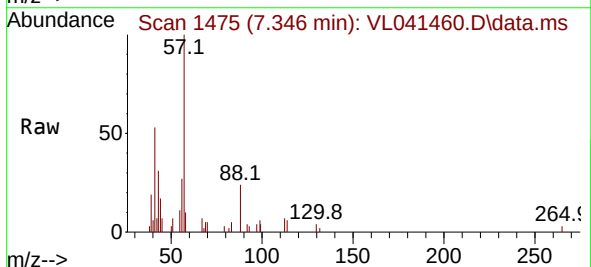
RT: 7.346 min Scan# 1475

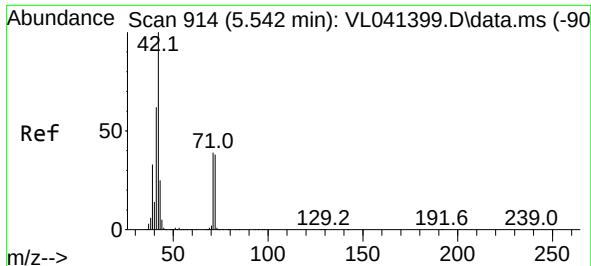
Delta R.T. 0.055 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion: 88	Resp: 2249
Ion Ratio	Lower Upper
88	100
58	0.0 95.8 143.6#
43	0.0 188.2 282.2#
57	0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.082 ppbv m

RT: 5.607 min Scan# 914

Delta R.T. 0.048 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

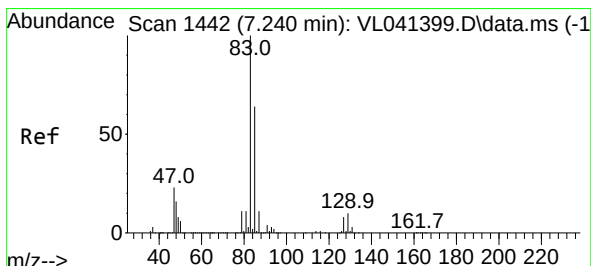
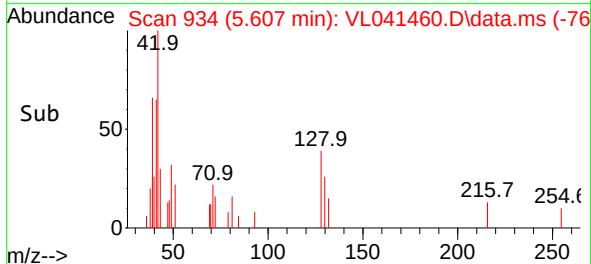
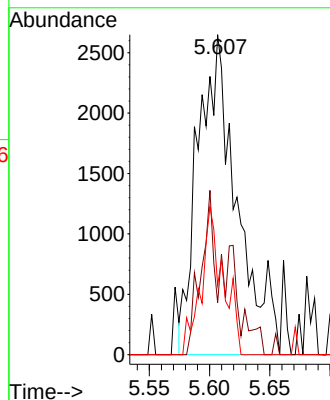
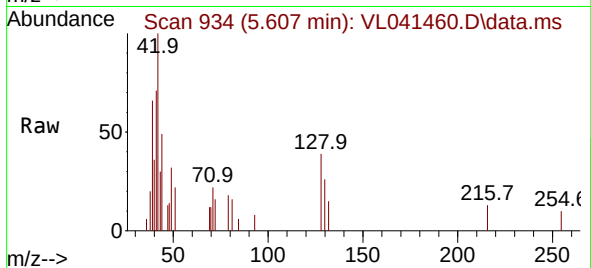
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 42	Resp: 594
Ion Ratio	Lower Upper
42	100
72	0.0 31.2 46.8
71	0.0 30.5 45.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#42

Bromodichloromethane

Concen: 0.067 ppbv m

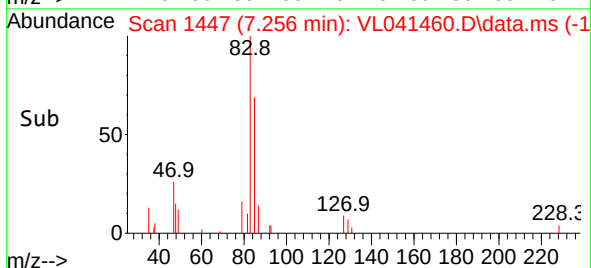
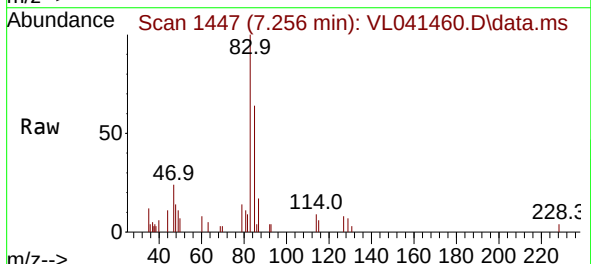
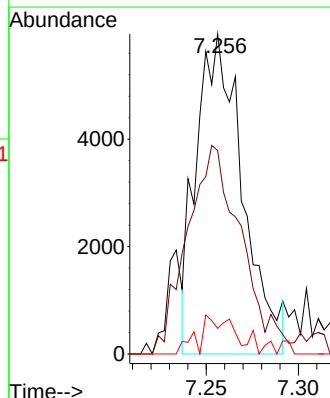
RT: 7.256 min Scan# 1447

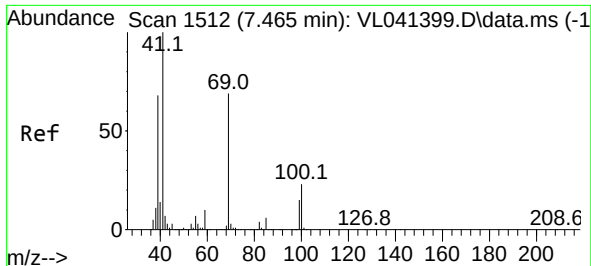
Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

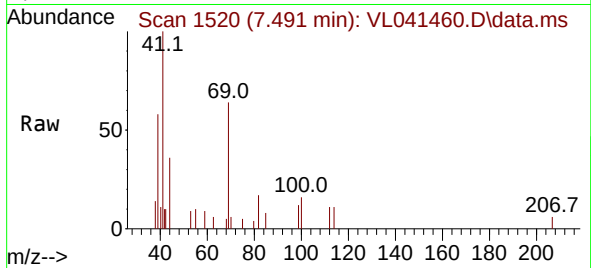
Tgt Ion: 83	Resp: 10439
Ion Ratio	Lower Upper
83	100
85	63.6 51.4 77.0
127	8.0 6.7 10.1





#43
Methyl Methacrylate
Concen: 0.051 ppbv
RT: 7.491 min Scan# 1512
Delta R.T. 0.013 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

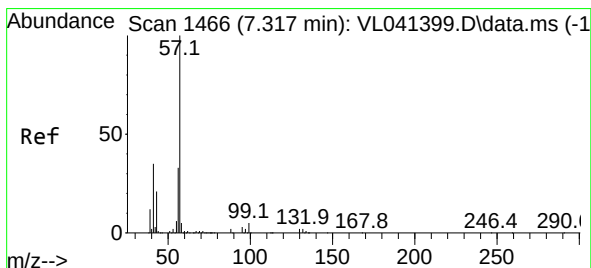
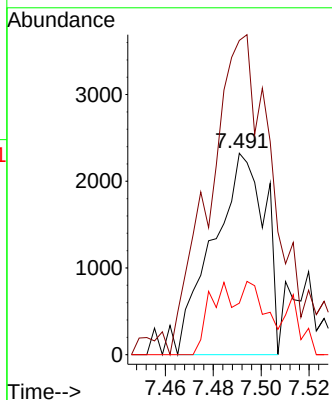
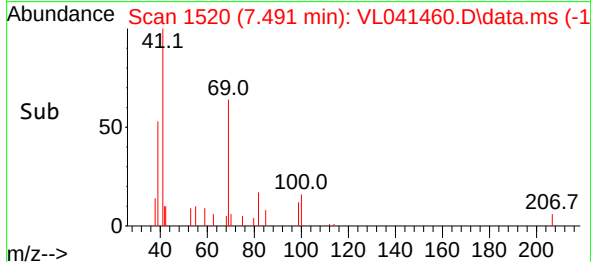
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 69 Resp: 3480
Ion Ratio Lower Upper
69 100
41 217.9 118.7 178.1
100 43.9 27.0 40.4

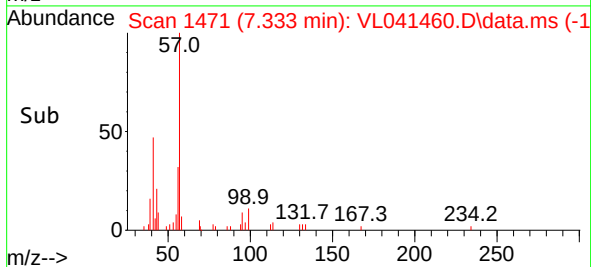
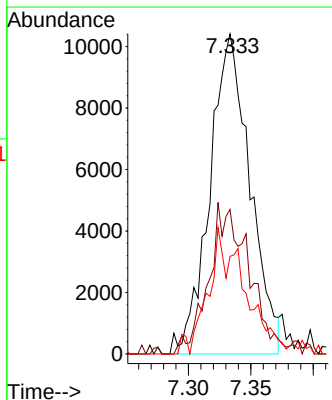
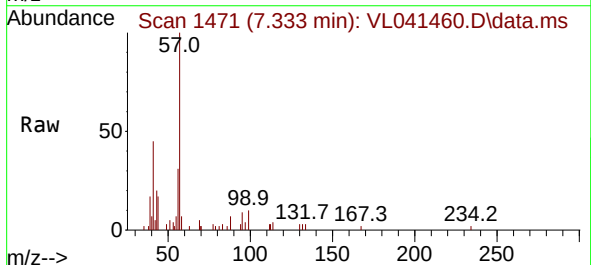
Manual Integrations
APPROVED

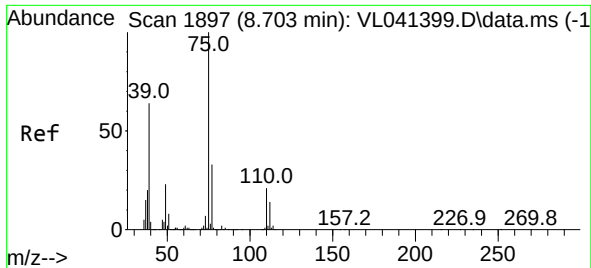
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#44
2,2,4-Trimethylpentane
Concen: 0.073 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 57 Resp: 23214
Ion Ratio Lower Upper
57 100
41 49.1 27.0 40.6
56 37.7 25.2 37.8





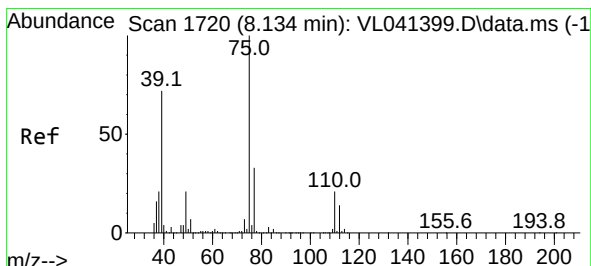
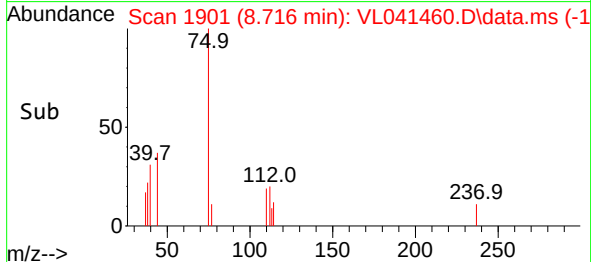
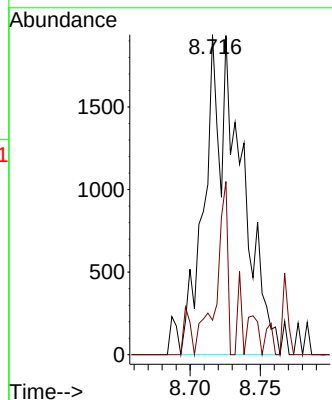
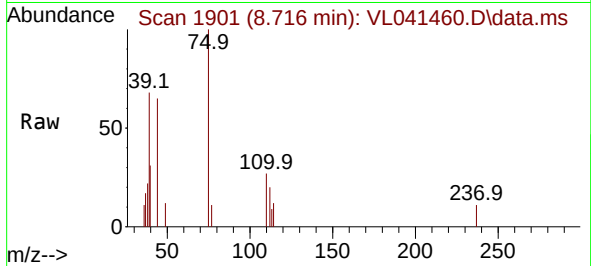
#45
t-1,3-Dichloropropene
Concen: 0.054 ppbv m
RT: 8.716 min Scan# 1897
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 75 Resp: 344
Ion Ratio Lower Upper
75 100
77 10.8 26.5 39.7

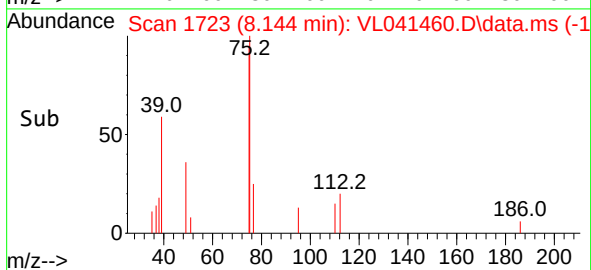
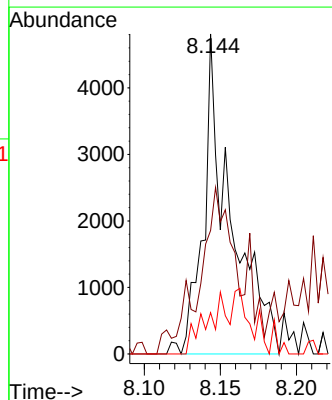
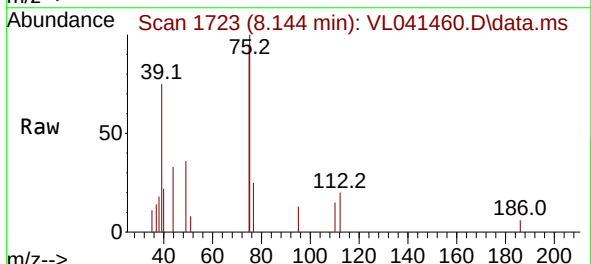
Manual Integrations
APPROVED

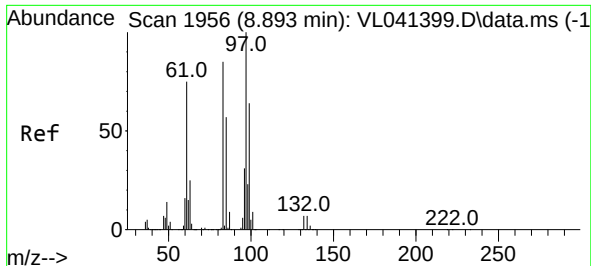
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#46
cis-1,3-Dichloropropene
Concen: 0.065 ppbv m
RT: 8.144 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 75 Resp: 5916
Ion Ratio Lower Upper
75 100
39 75.1 57.3 85.9
77 25.1 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.099 ppbv m

RT: 8.909 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

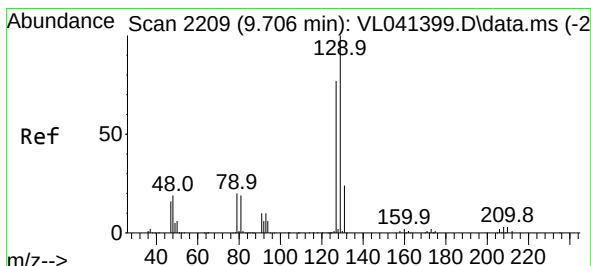
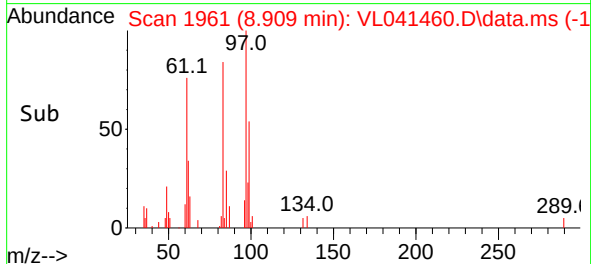
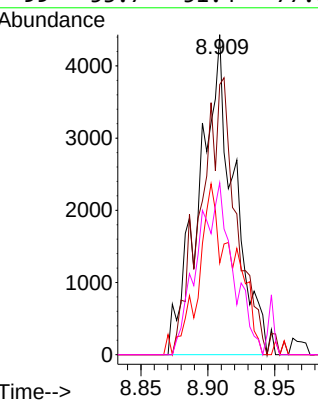
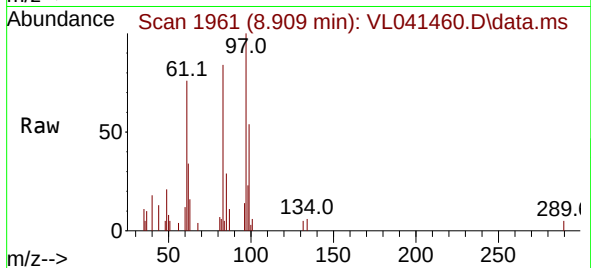
Tgt Ion: 97 Resp: 8020

Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.6	101.4
85	28.6	45.9	68.9
99	53.7	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#48

Dibromochloromethane

Concen: 0.057 ppbv m

RT: 9.719 min Scan# 2213

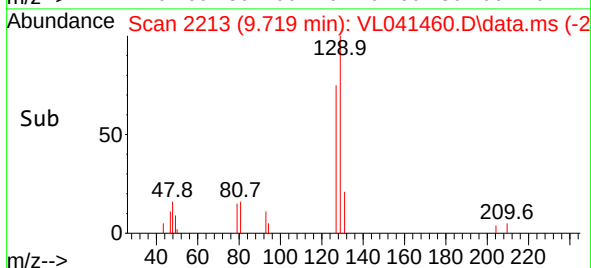
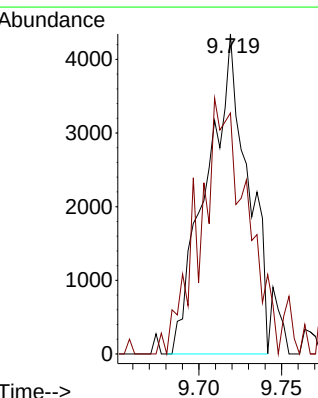
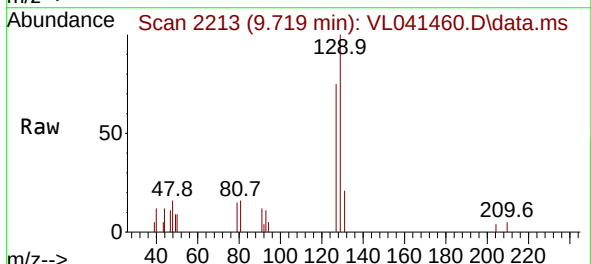
Delta R.T. 0.000 min

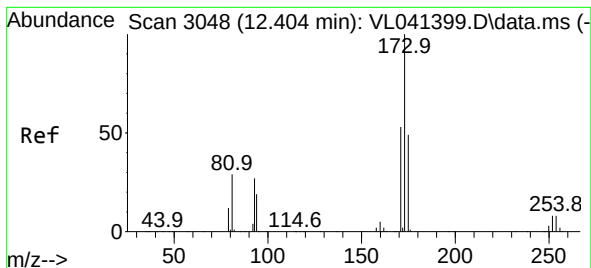
Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion:129 Resp: 7478

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.8





#49

Bromoform

Concen: 0.062 ppbv m

RT: 12.417 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

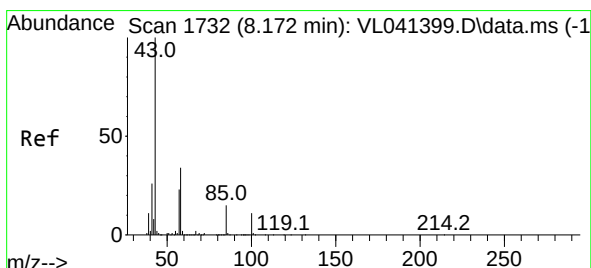
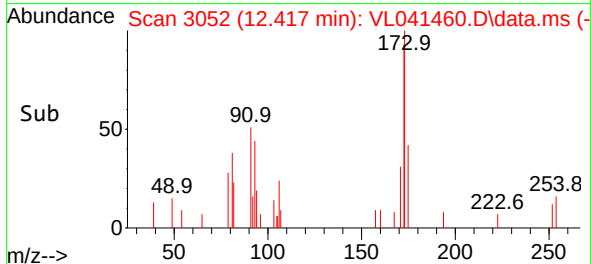
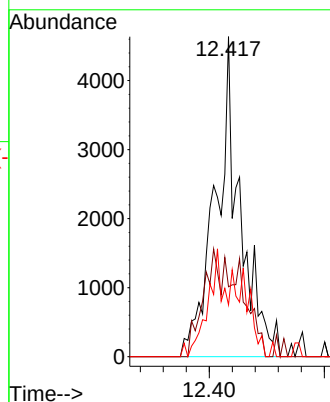
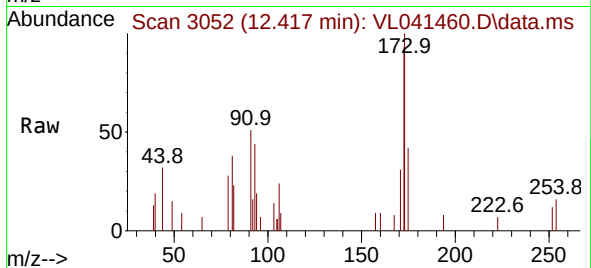
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:	173	Resp:	6869
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.9	59.9
171	0.0	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#50

4-Methyl-2-Pentanone

Concen: 0.067 ppbv m

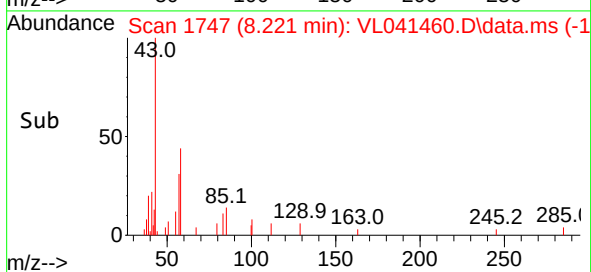
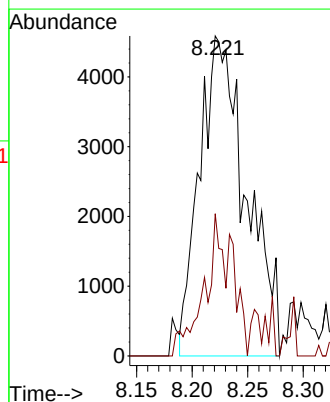
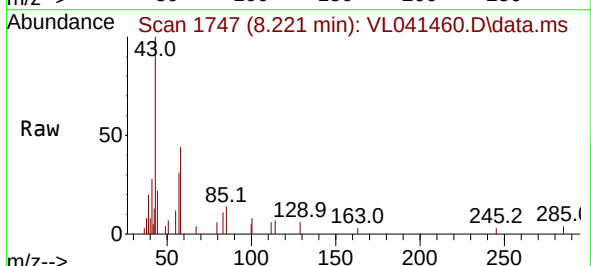
RT: 8.221 min Scan# 1747

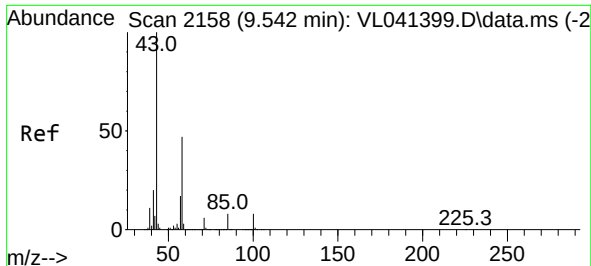
Delta R.T. 0.036 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

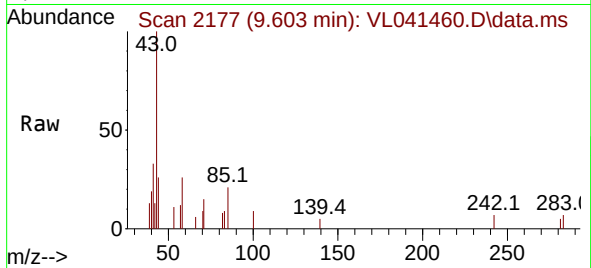
Tgt Ion:	43	Resp:	13429
Ion Ratio	Lower	Upper	
43	100		
58	0.0	27.9	41.9





#51
2-Hexanone
Concen: 0.052 ppbv m
RT: 9.603 min Scan# 2158
Delta R.T. 0.052 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

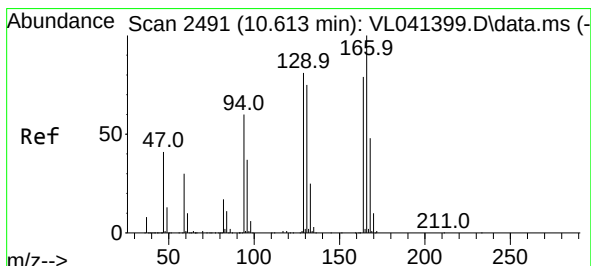
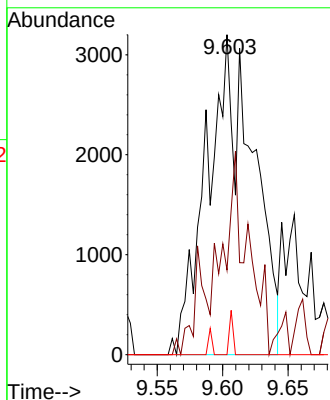
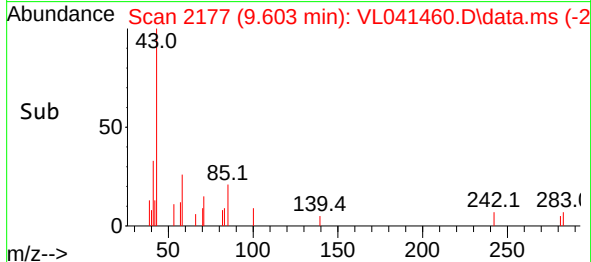
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 43 Resp: 7840
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#

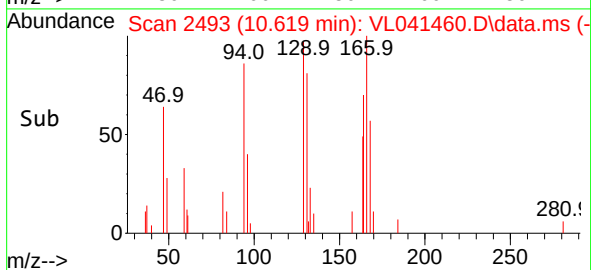
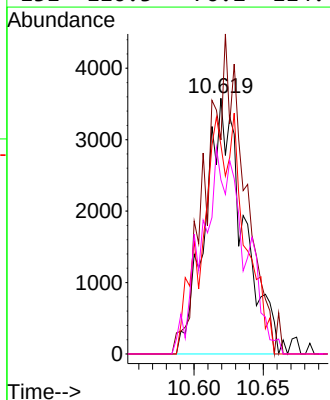
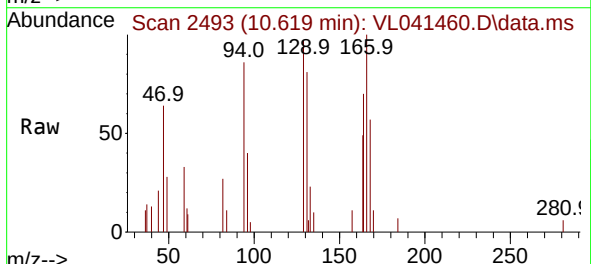
Manual Integrations
APPROVED

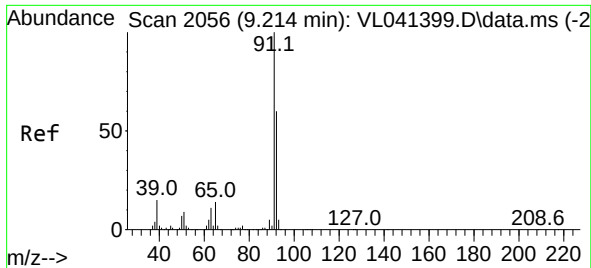
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#52
Tetrachloroethene
Concen: 0.094 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

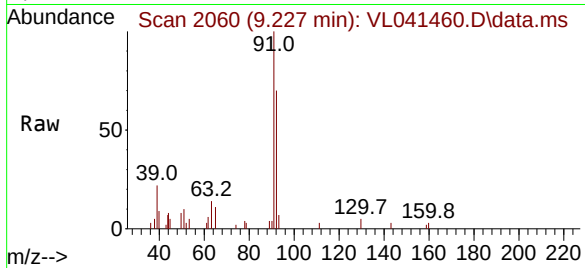
Tgt Ion:164 Resp: 6945
Ion Ratio Lower Upper
164 100
166 143.0 101.1 151.7
129 139.3 81.7 122.5#
131 116.3 76.2 114.4#





#53
Toluene
Concen: 0.055 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

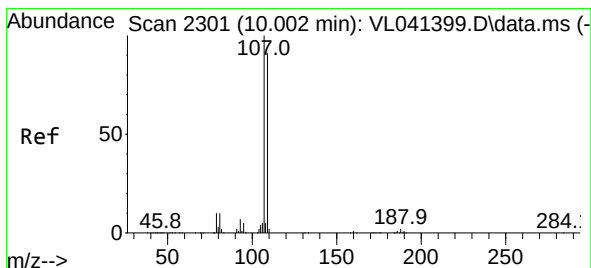
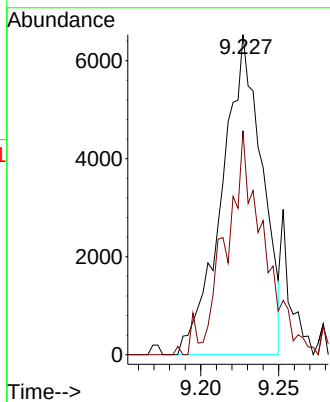
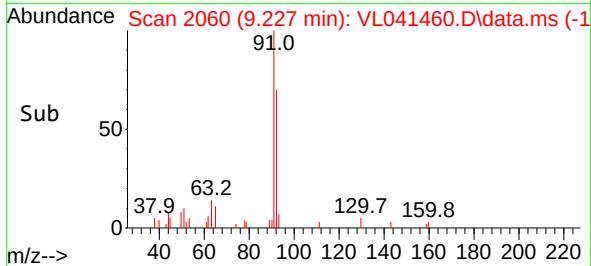
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



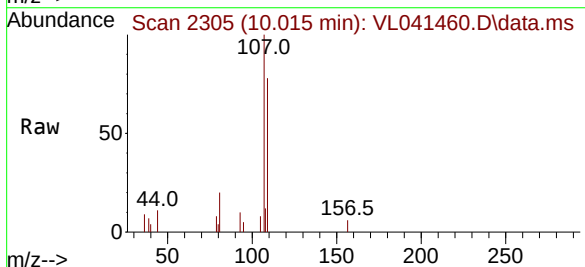
Tgt Ion: 91 Resp: 1171
Ion Ratio Lower Upper
91 100
92 65.9 48.7 73.1

Manual Integrations
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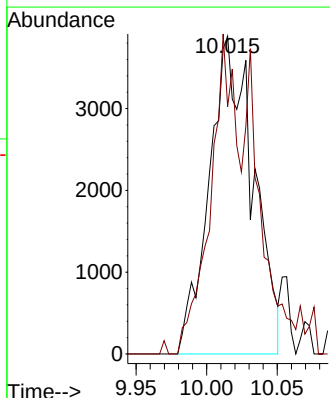
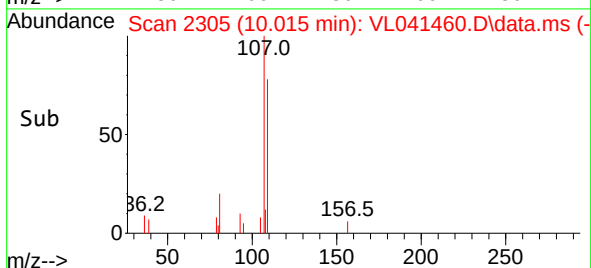
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

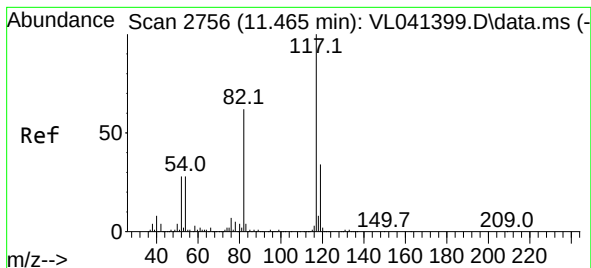


#54
1,2-Dibromoethane
Concen: 0.078 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54



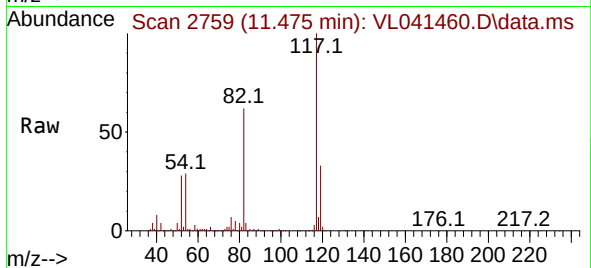
Tgt Ion:107 Resp: 8386
Ion Ratio Lower Upper
107 100
109 77.8 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

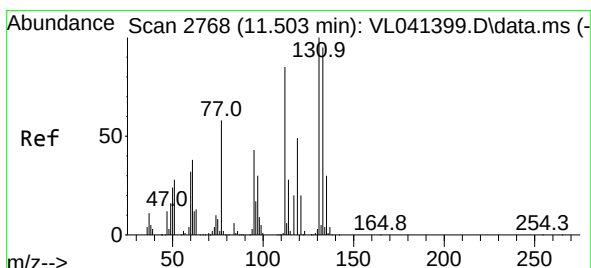
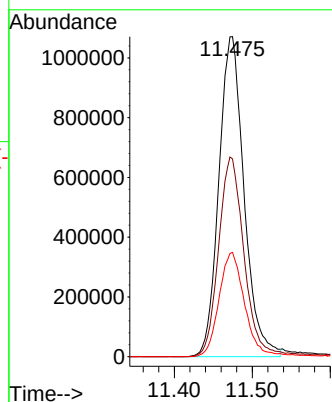
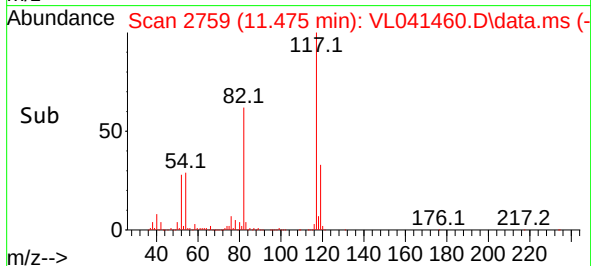
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion:117 Resp: 241044
Ion Ratio Lower Upper
117 100
82 64.4 51.0 76.6
119 33.7 45.2 67.8

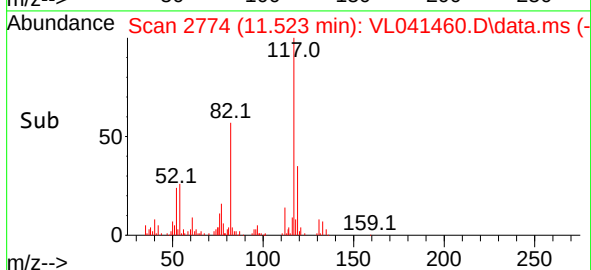
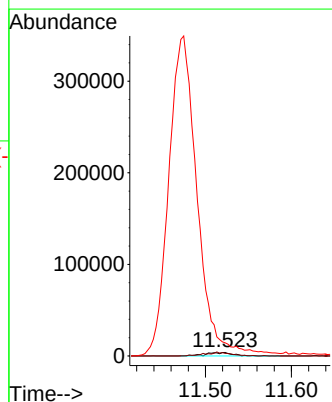
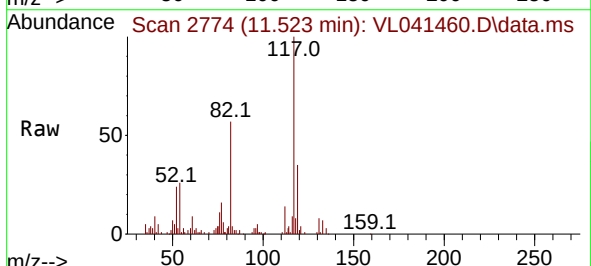
Manual Integrations
APPROVED

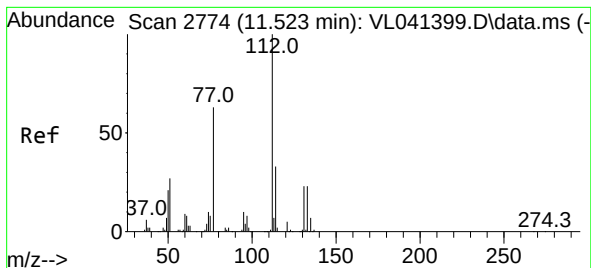
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.086 ppbv m
RT: 11.523 min Scan# 2774
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion:131 Resp: 8013
Ion Ratio Lower Upper
131 100
133 0.0 77.0 115.4#
119 0.0 121.5 182.3#





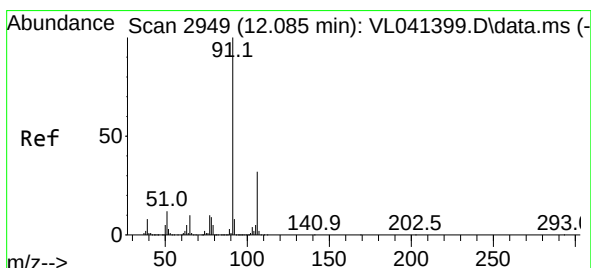
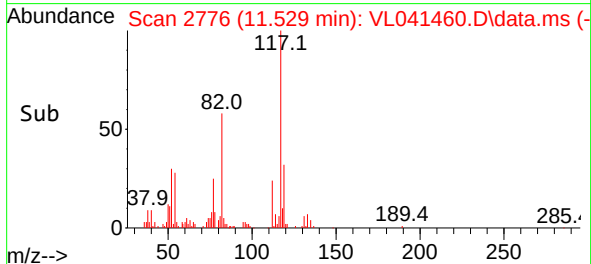
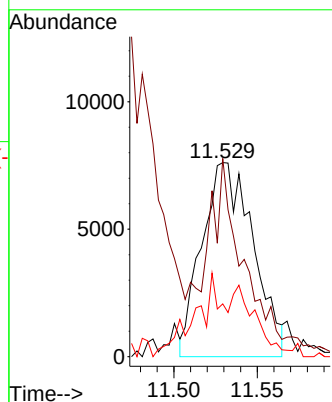
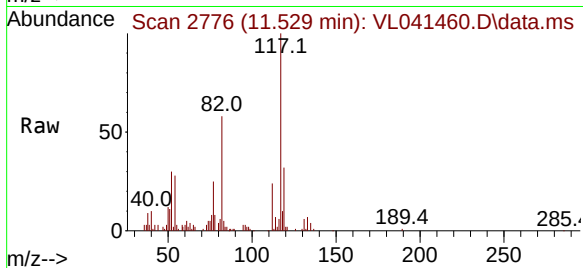
#57
Chlorobenzene
Concen: 0.095 ppbv m
RT: 11.529 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:112 Resp: 1626
Ion Ratio Lower Upper
112 100
77 102.2 51.1 76.7
114 27.2 29.5 36.1

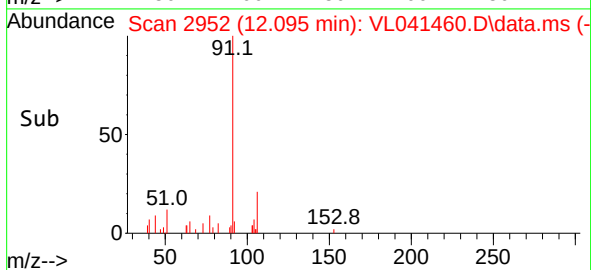
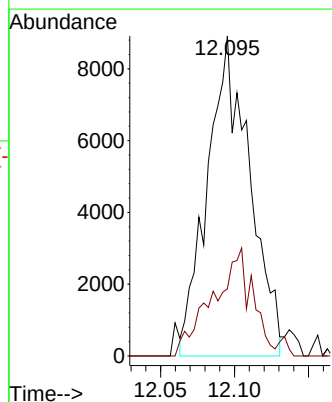
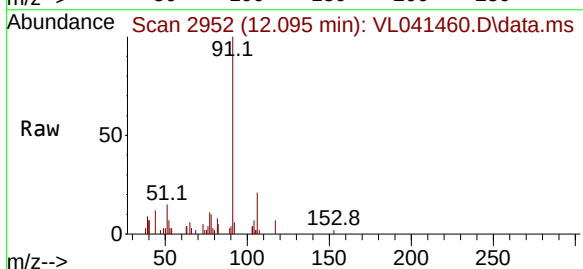
Manual Integrations
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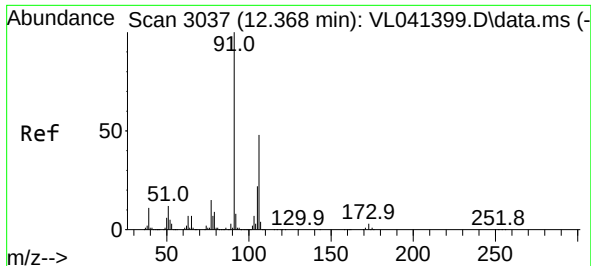
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#58
Ethyl Benzene
Concen: 0.064 ppbv m
RT: 12.095 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 91 Resp: 17694
Ion Ratio Lower Upper
91 100
106 21.0 25.8 38.8





#59

m/p-Xylene

Concen: 0.114 ppbv m

RT: 12.365 min Scan# 3036

Delta R.T. -0.013 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 91 Resp: 2746

Ion Ratio Lower Upper

91 100

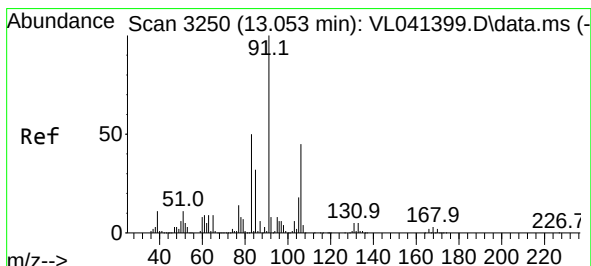
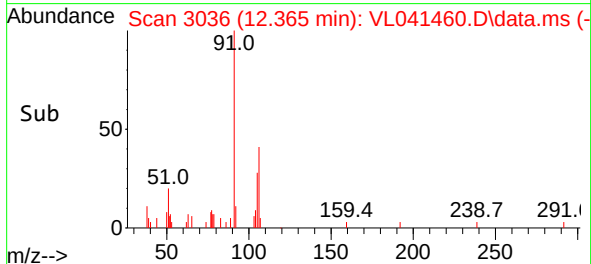
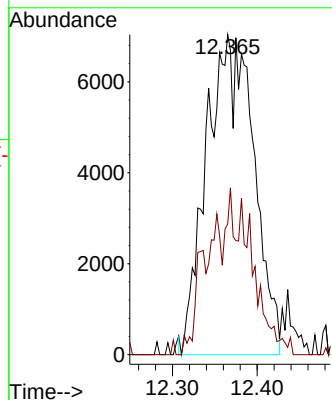
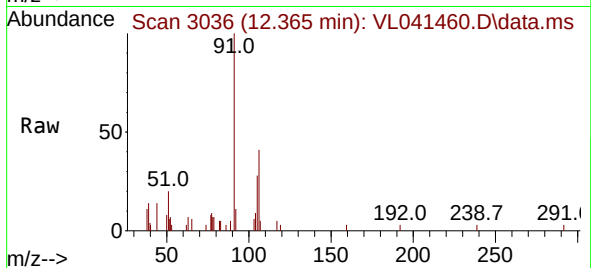
106 0.0 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#60

o-Xylene

Concen: 0.046 ppbv m

RT: 13.066 min Scan# 3254

Delta R.T. 0.000 min

Lab File: VL041460.D

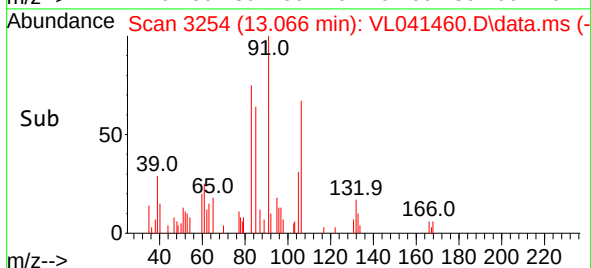
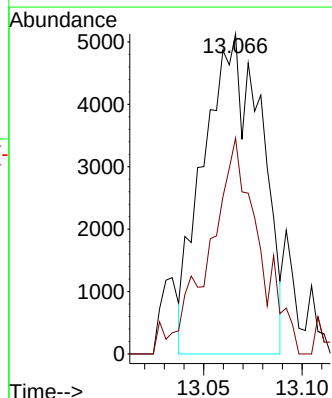
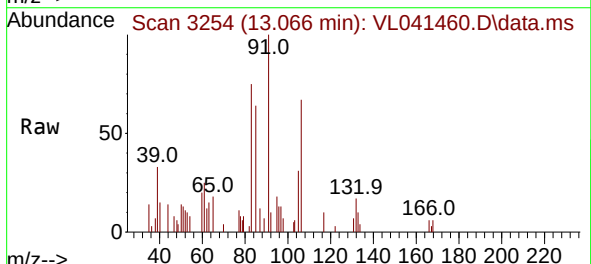
Acq: 31 Jul 2024 12:54

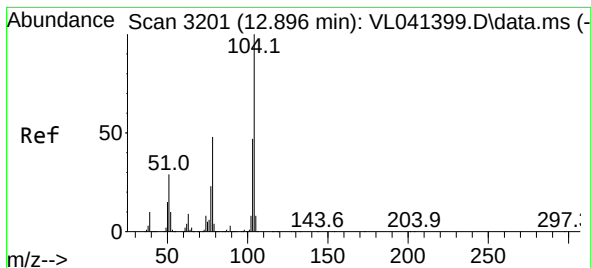
Tgt Ion: 91 Resp: 10528

Ion Ratio Lower Upper

91 100

106 0.0 23.1 69.3





#61

Styrene

Concen: 0.052 ppbv m

RT: 12.909 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

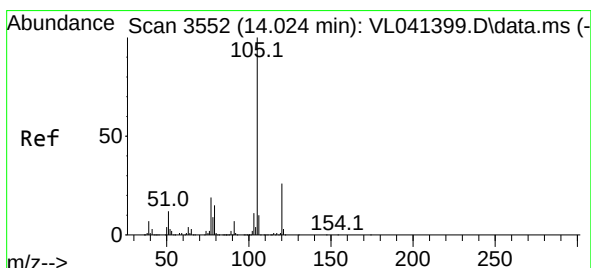
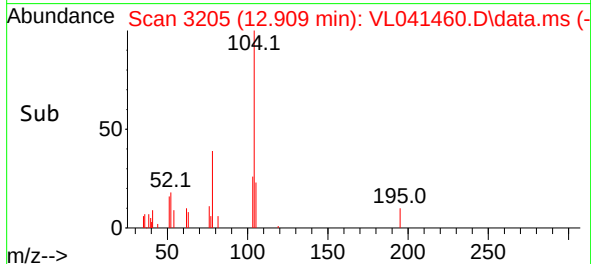
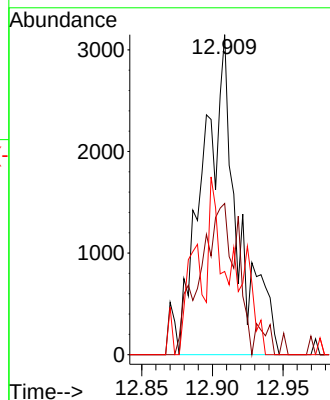
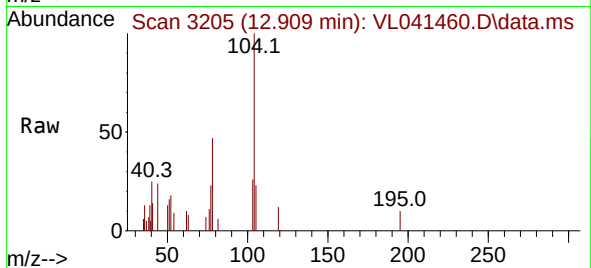
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:104	Resp:	5319
Ion Ratio	Lower	Upper
104	100	
78	56.2	40.8 61.2
103	0.0	38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#62

Isopropylbenzene

Concen: 0.070 ppbv

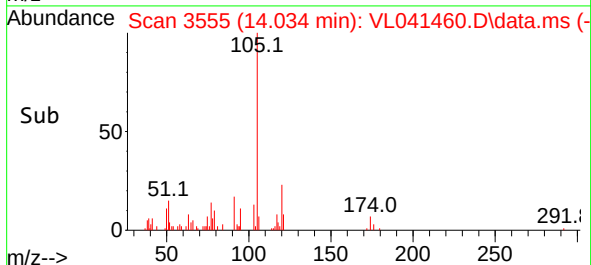
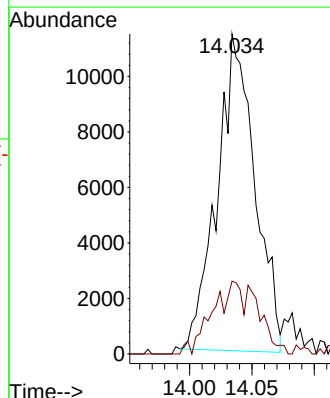
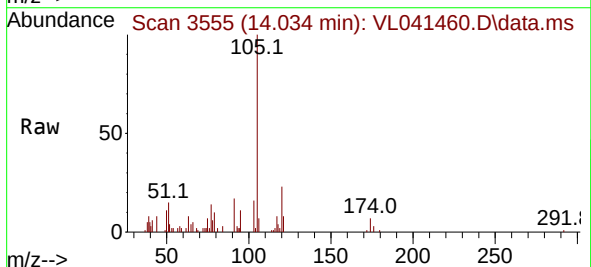
RT: 14.034 min Scan# 3555

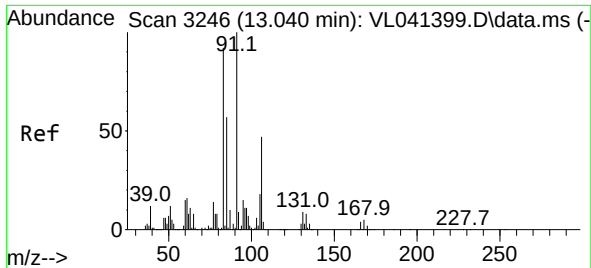
Delta R.T. -0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion:105	Resp:	24042
Ion Ratio	Lower	Upper
105	100	
120	27.4	21.0 31.4





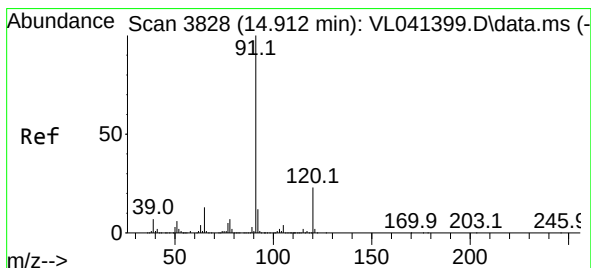
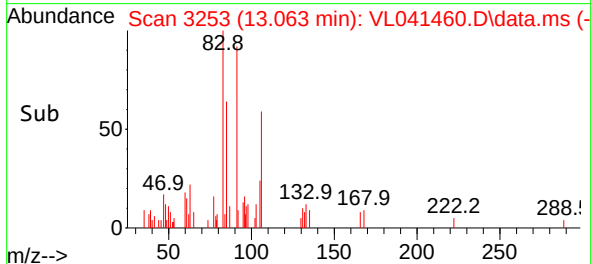
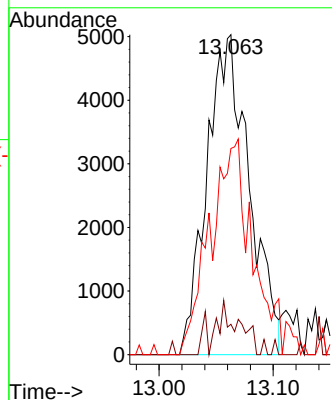
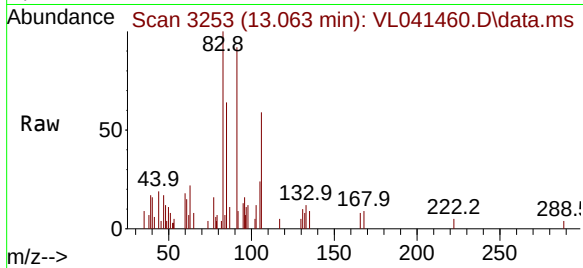
#63
1,1,2,2-Tetrachloroethane
Concen: 0.091 ppbv m
RT: 13.063 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024

Tgt Ion: 83 Resp: 1299
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 0.0 32.6 98.0

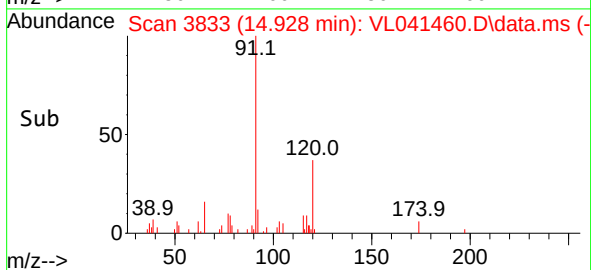
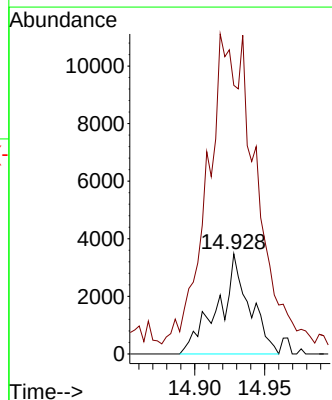
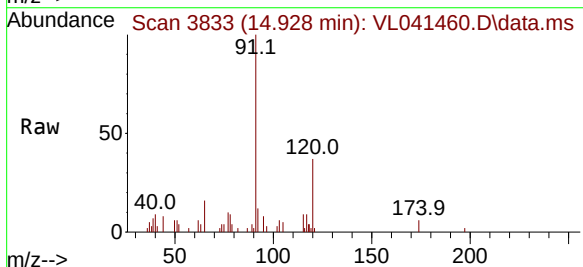
Manual Integrations
APPROVED

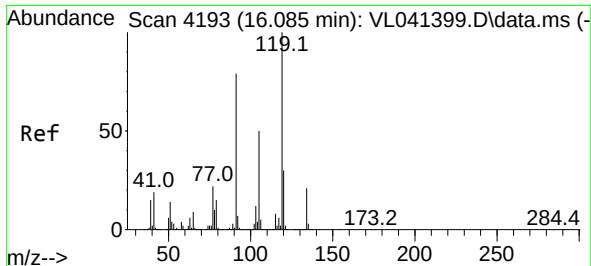
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#64
n-propylbenzene
Concen: 0.061 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

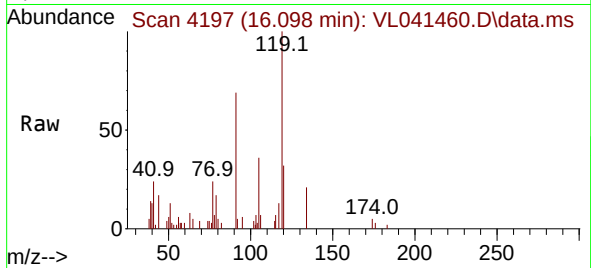
Tgt Ion:120 Resp: 5471
Ion Ratio Lower Upper
120 100
91 18.4 361.4 542.0





#65
tert-Butylbenzene
Concen: 0.050 ppbv m
RT: 16.098 min Scan# 4193
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

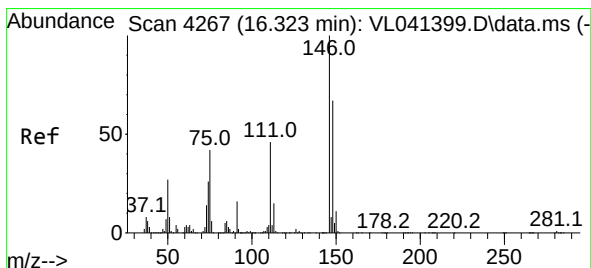
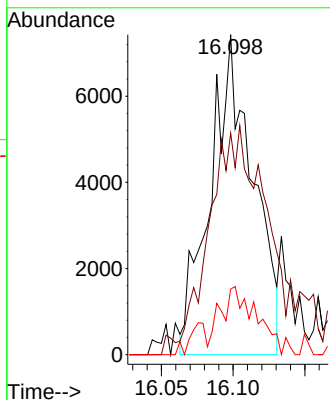
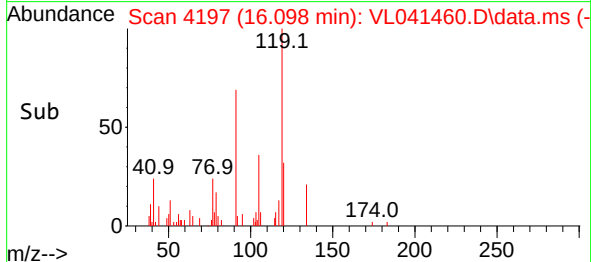
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 119 Resp: 15429
Ion Ratio Lower Upper
119 100
91 0.0 64.2 96.2#
134 0.0 15.7 23.5#

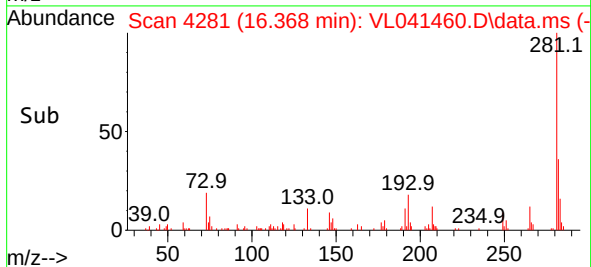
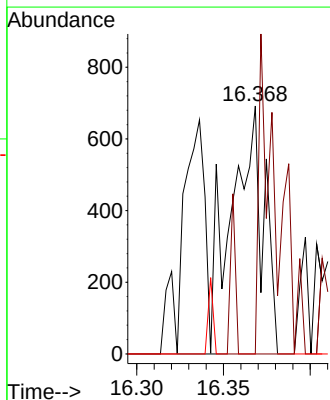
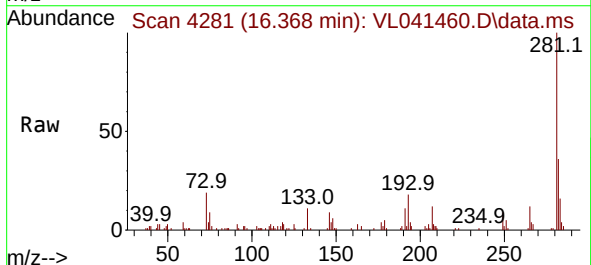
Manual Integrations
APPROVED

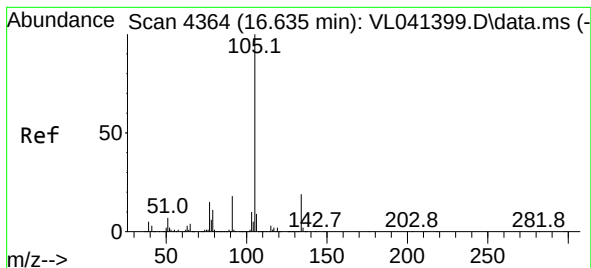
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#66
Benzyl Chloride
Concen: 0.070 ppbv m
RT: 16.368 min Scan# 4281
Delta R.T. 0.032 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

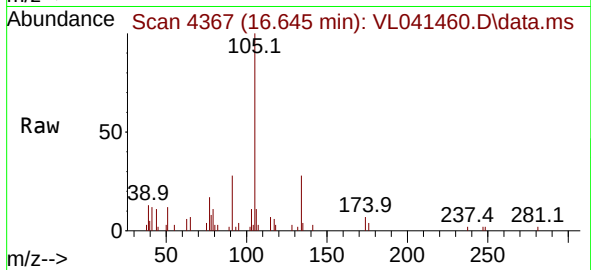
Tgt Ion: 91 Resp: 1401
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.8#
128 2.9 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.057 ppbv m
 RT: 16.645 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

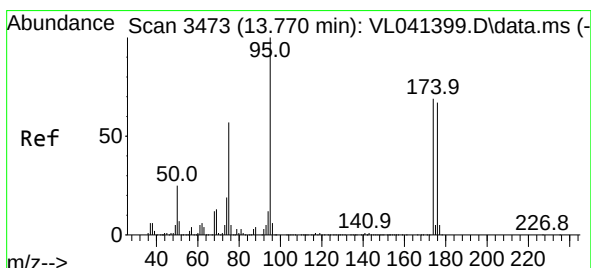
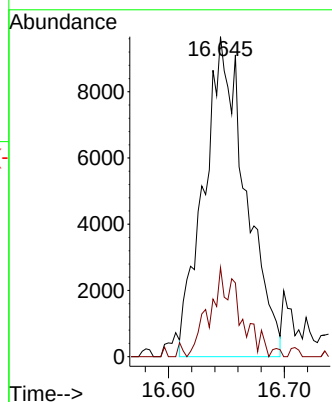
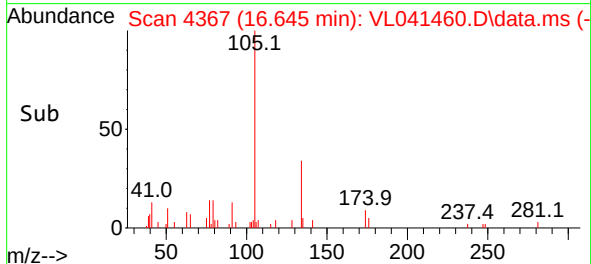
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 105 Resp: 2425
 Ion Ratio Lower Upper
 105 100
 134 20.5 14.5 21.7

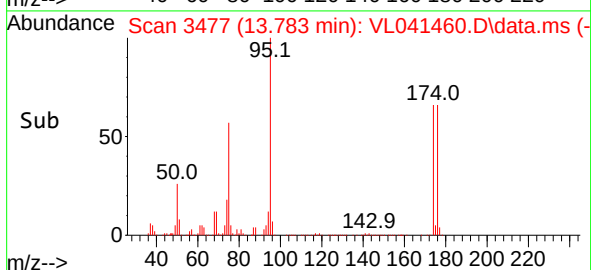
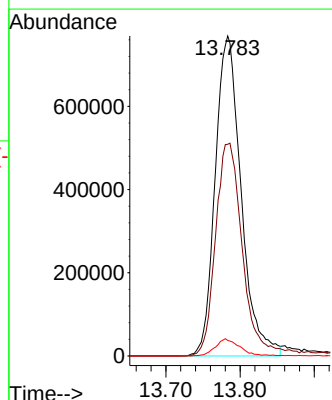
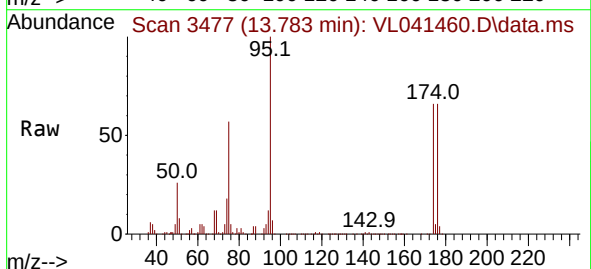
Manual Integrations
 APPROVED

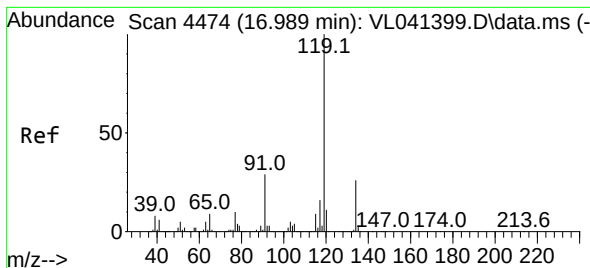
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.058 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

Tgt Ion: 95 Resp: 1865704
 Ion Ratio Lower Upper
 95 100
 174 71.4 56.3 84.5
 175 5.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.053 ppbv m

RT: 17.002 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

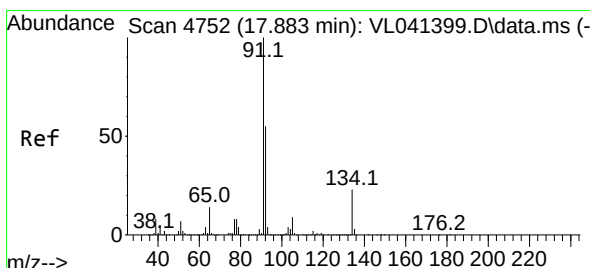
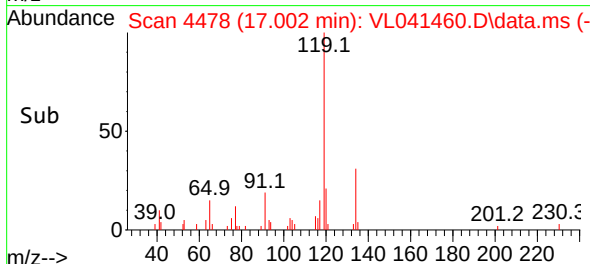
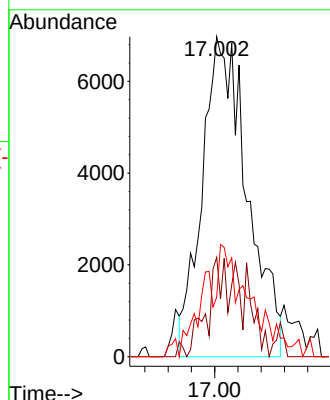
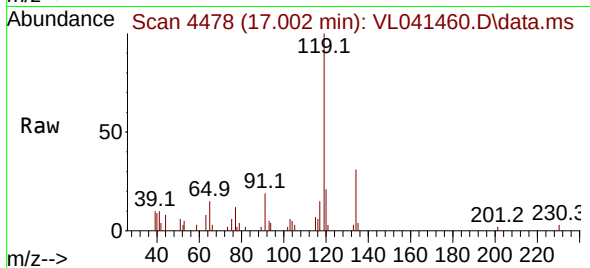
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:	119	Resp:	1881
Ion Ratio	Lower	Upper	
119	100		
134	26.9	20.5	30.7
91	36.2	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#70

n-Butylbenzene

Concen: 0.050 ppbv m

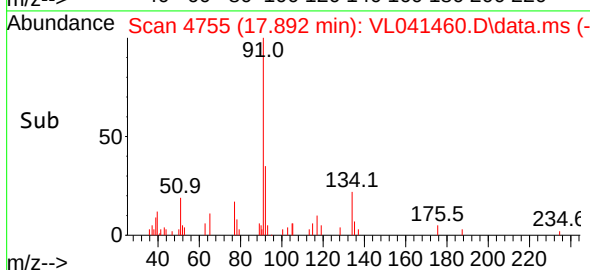
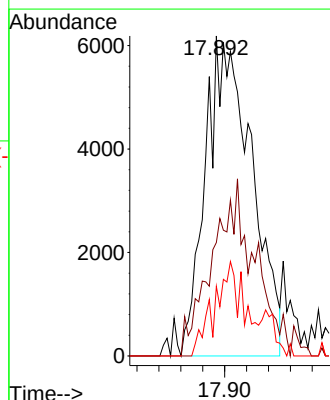
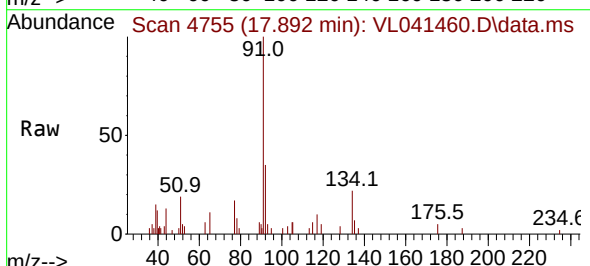
RT: 17.892 min Scan# 4755

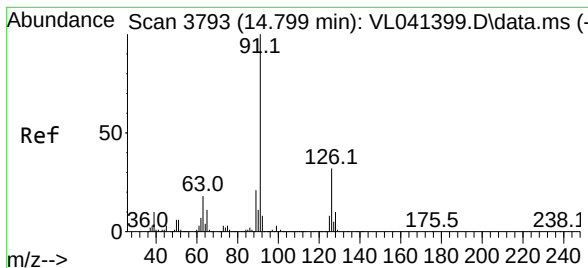
Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

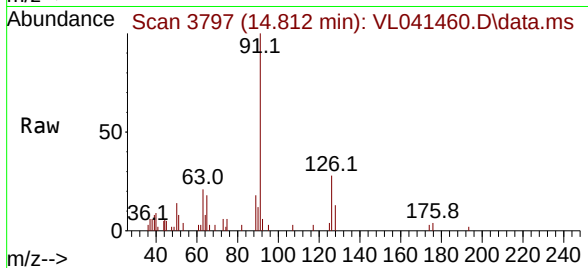
Tgt Ion:	91	Resp:	18075
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.2	64.8#
134	0.0	18.5	27.7#





#71
2-Chlorotoluene
Concen: 0.056 ppbv m
RT: 14.812 min Scan# 3797
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

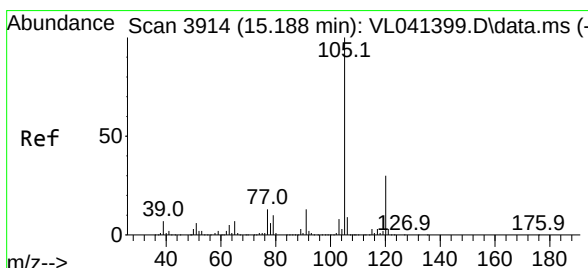
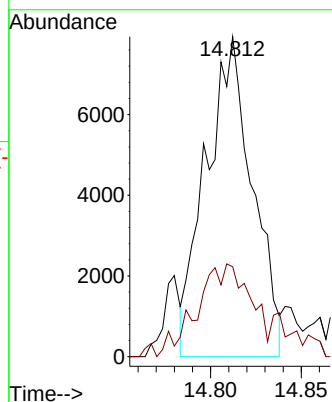
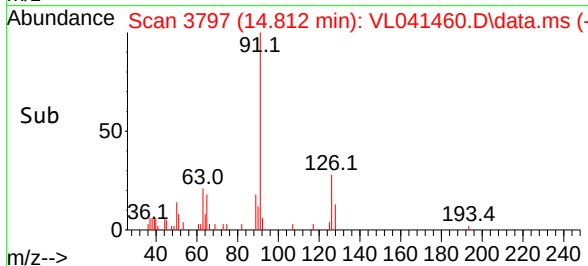
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



Tgt Ion: 91 Resp: 14190
Ion Ratio Lower Upper
91 100
126 41.9 12.7 50.9

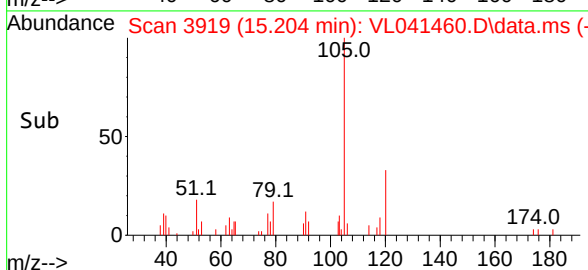
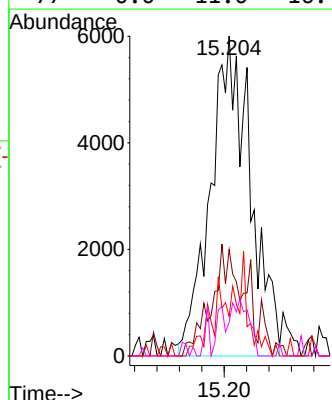
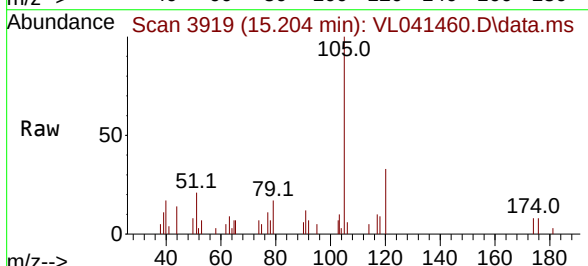
Manual Integrations
APPROVED

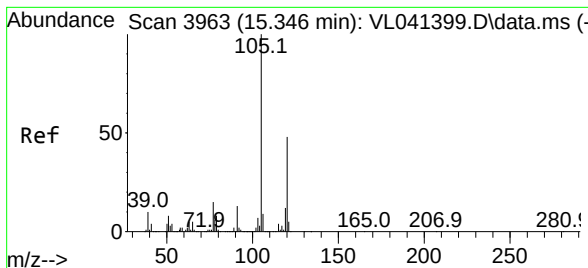
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#72
4-Ethyltoluene
Concen: 0.056 ppbv m
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion:105 Resp: 14850
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 0.0 10.4 15.6#
77 0.0 11.0 16.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.052 ppbv m

RT: 15.368 min Scan# 3963

Delta R.T. 0.010 min

Lab File: VL041460.D

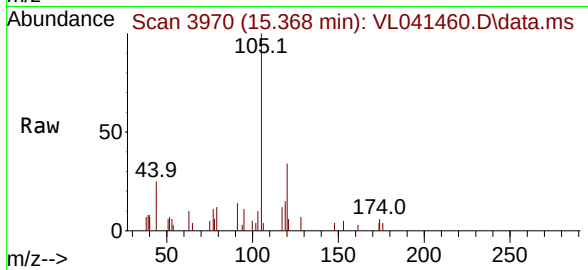
Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2024



Tgt Ion:105 Resp: 1202

Ion Ratio Lower Upper

105 100

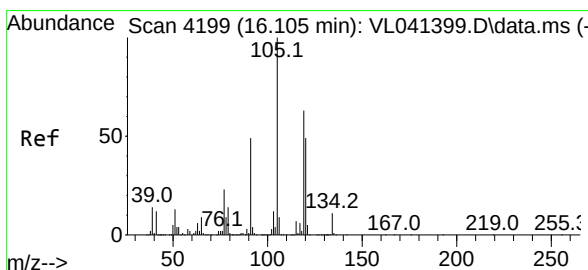
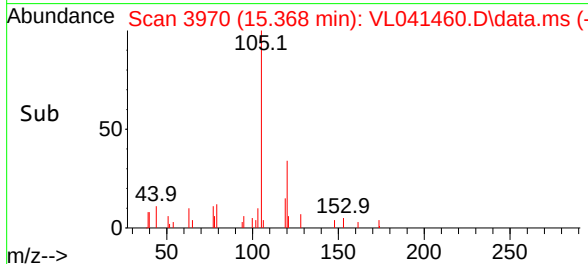
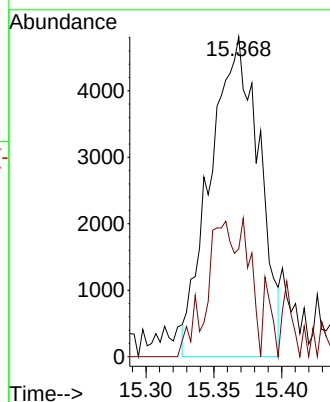
120 33.7 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.049 ppbv m

RT: 16.121 min Scan# 4204

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion:105 Resp: 13197

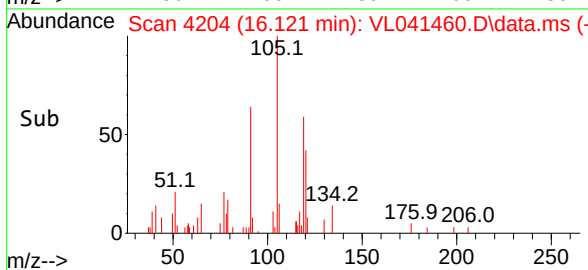
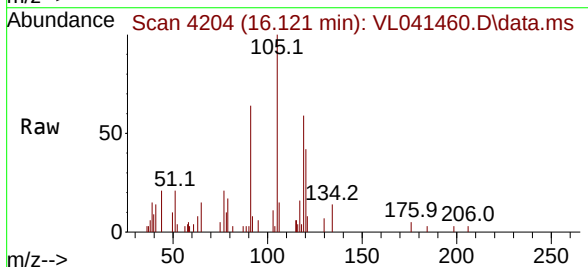
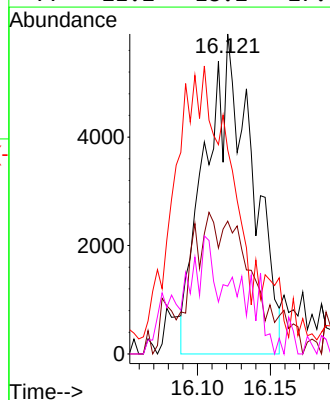
Ion Ratio Lower Upper

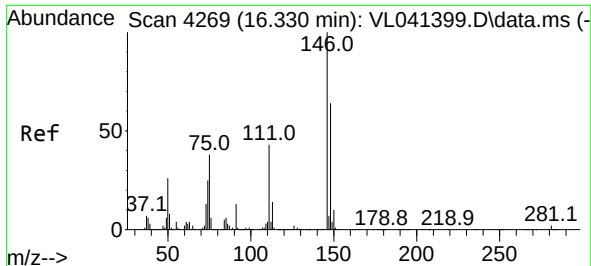
105 100

120 41.5 39.5 59.3

91 63.8 39.8 59.8

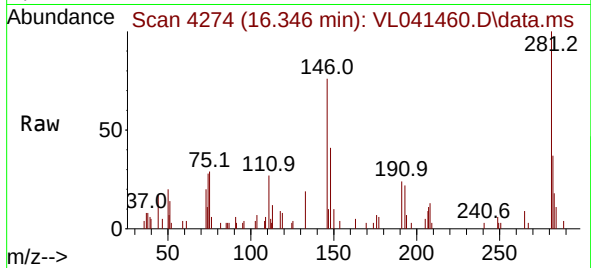
77 21.2 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 0.079 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

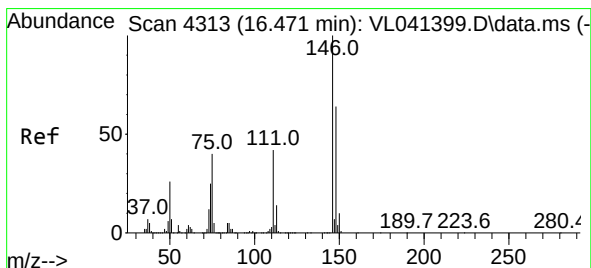
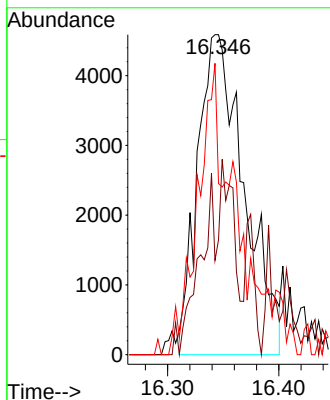
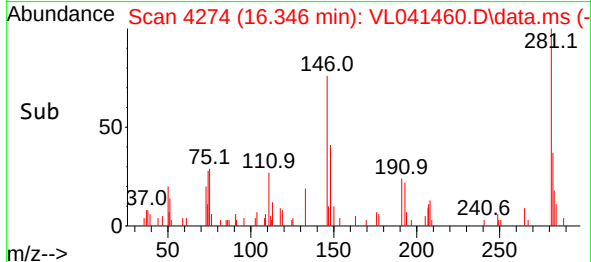
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2024



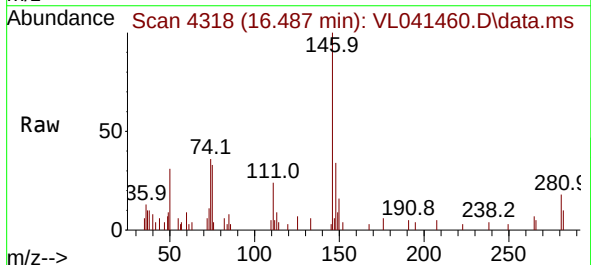
Tgt Ion:146 Resp: 1333
Ion Ratio Lower Upper
146 100
111 51.4 22.6 67.8
148 79.2 32.3 96.8

Manual Integrations
APPROVED

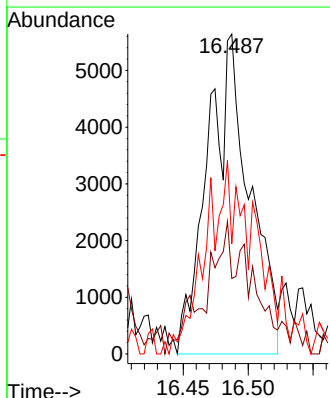
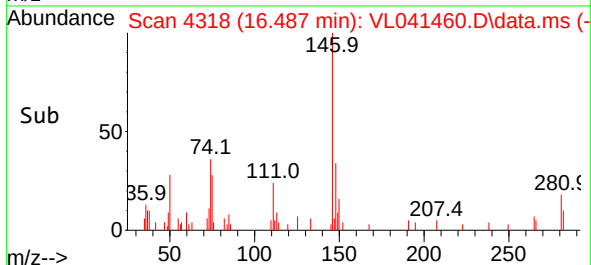
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

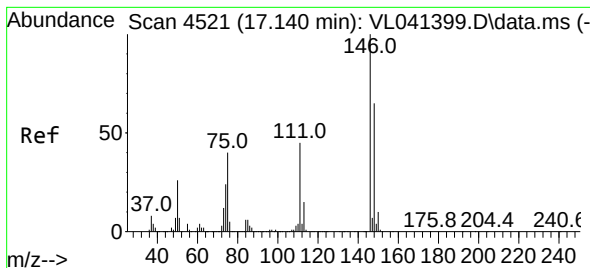


#76
1,4-Dichlorobenzene
Concen: 0.079 ppbv m
RT: 16.487 min Scan# 4318
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54



Tgt Ion:146 Resp: 12787
Ion Ratio Lower Upper
146 100
111 48.1 22.4 67.0
148 73.2 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 0.072 ppbv m

RT: 17.163 min Scan# 4521

Delta R.T. 0.013 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

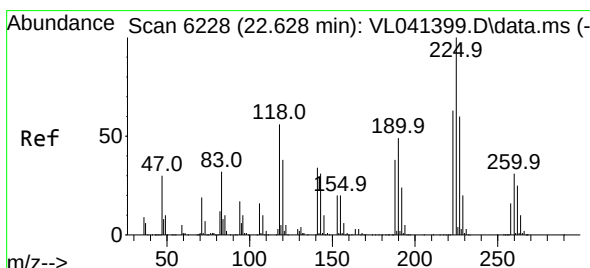
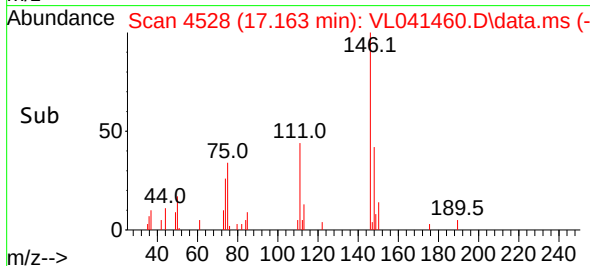
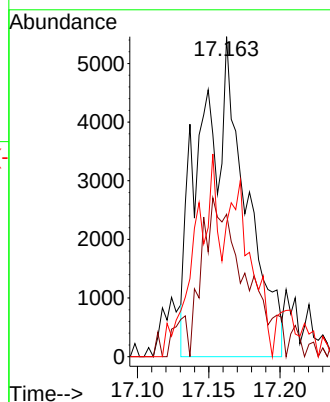
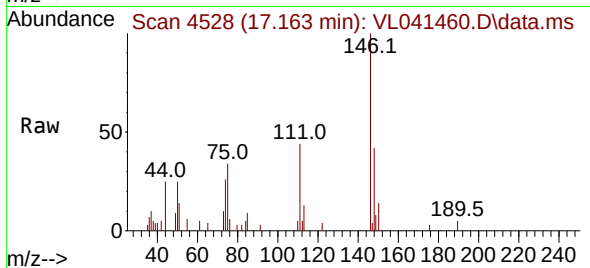
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:146	Resp:	1202
Ion Ratio	Lower	Upper
146	100	
111	55.4	23.4 70.0
148	62.8	32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.108 ppbv m

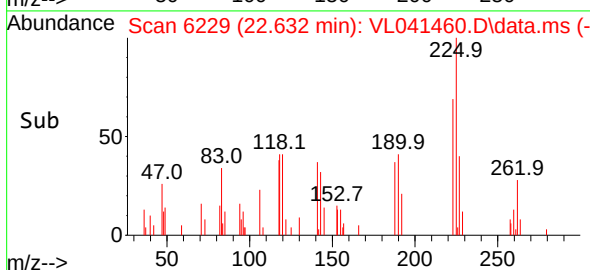
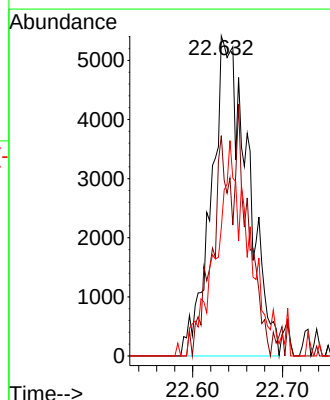
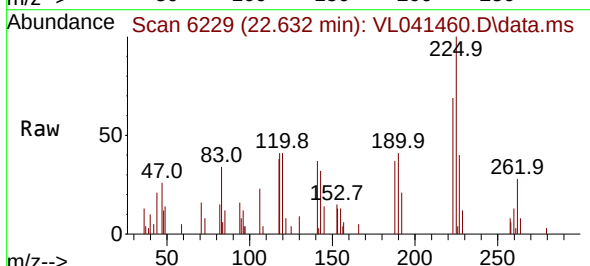
RT: 22.632 min Scan# 6229

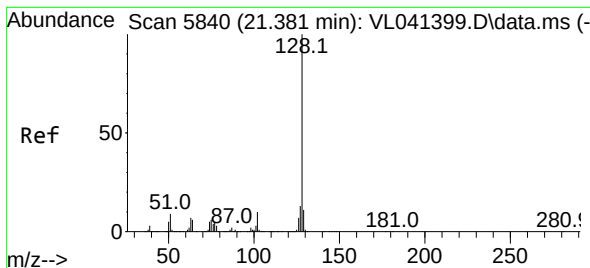
Delta R.T. -0.006 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion:225	Resp:	15325
Ion Ratio	Lower	Upper
225	100	
223	0.0	50.6 76.0#
227	62.3	50.8 76.2





#79

Naphthalene

Concen: 0.045 ppbv m

RT: 21.413 min Scan# 5840

Delta R.T. 0.023 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

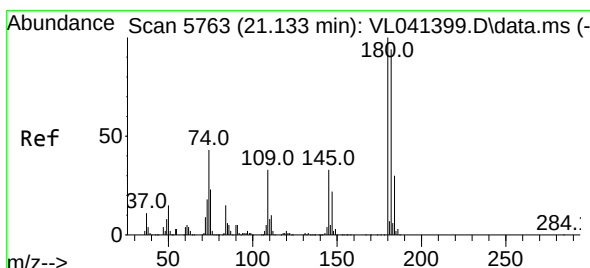
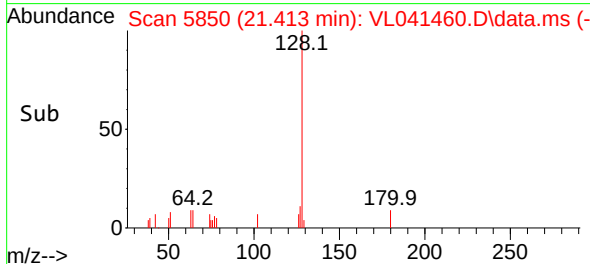
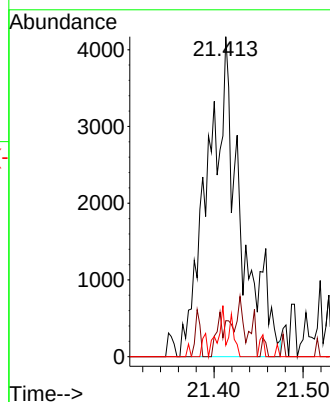
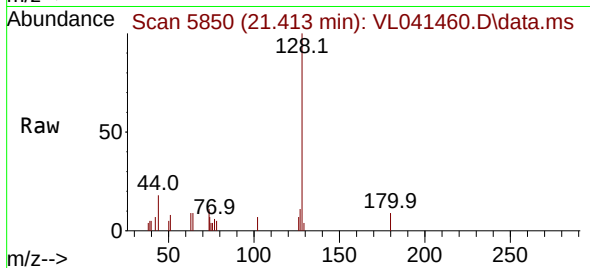
LOD-MDL-AIR-01-QT3-2024

Tgt Ion:128	Resp:	1062
Ion Ratio	Lower	Upper
128	100	
127	11.2	10.3 15.5
129	3.6	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#81

1,2,4-Trichlorobenzene

Concen: 0.049 ppbv m

RT: 21.159 min Scan# 5771

Delta R.T. 0.013 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion:180	Resp:	6914
Ion Ratio	Lower	Upper
180	100	
182	0.0	76.7 115.1#
184	0.0	24.5 36.7#

