

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041564.D
 Acq On : 21 Aug 2024 12:28
 Operator : SY/MD
 Sample : P3679-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:10:40 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 22 01:05:17 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1003005	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2648582	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2459386	10.000	ppbv	# 0.00

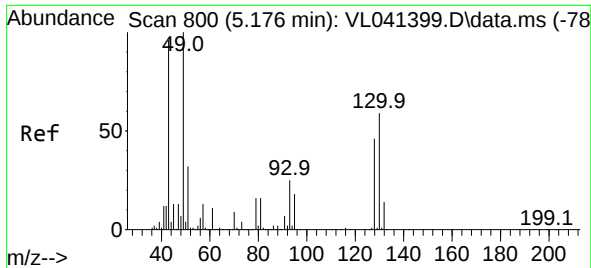
System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 1934613 10.222 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

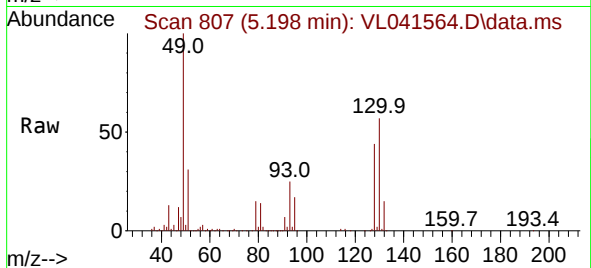
						Qvalue
2) Dichlorodifluoromethane	2.745	85	35238	0.204	ppbv	98
3) Chlorodifluoromethane	2.687	51	96770m	0.810	ppbv	
4) Chloromethane	2.829	50	51434	0.810	ppbv	91
6) Bromomethane	3.131	94	7297m	0.227	ppbv	
9) Propene	2.719	41	64525	1.176	ppbv #	82
10) Heptane	7.578	43	64574	0.524	ppbv	94
11) Trichlorofluoromethane	3.571	101	87715	0.572	ppbv	92
13) Ethanol	3.263	45	12144736	2477.269	ppbv	90
15) Acetone	3.475	43	3926829	34.457	ppbv	99
17) tert-Butyl alcohol	3.909	59	78076	0.751	ppbv #	72
19) Isopropyl Alcohol	3.600	45	1575112	23.641	ppbv	100
20) Methylene Chloride	3.944	84	52021	1.224	ppbv	96
26) Hexane	5.214	57	142846	1.521	ppbv #	69
27) Carbon Disulfide	4.131	76	12455m	0.113	ppbv	
29) Chloroform	5.279	83	388916	2.539	ppbv	96
30) Cyclohexane	6.603	84	13051m	0.171	ppbv	
34) 2-Butanone	4.793	43	321890	2.512	ppbv	98
35) Carbon Tetrachloride	6.504	117	10527m	0.072	ppbv	
36) Benzene	6.375	78	105757	0.546	ppbv	96
42) Bromodichloromethane	7.246	83	17433m	0.111	ppbv	
43) Methyl Methacrylate	7.471	69	8824m	0.127	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	77962	0.241	ppbv #	69
50) 4-Methyl-2-Pentanone	8.188	43	61007	0.302	ppbv	99
51) 2-Hexanone	9.552	43	61476	0.402	ppbv #	89
52) Tetrachloroethene	10.619	164	2687m	0.036	ppbv	
53) Toluene	9.217	91	888654	4.122	ppbv	100
58) Ethyl Benzene	12.085	91	153132	0.540	ppbv	92
59) m/p-Xylene	12.339	91	477828	1.953	ppbv	96
60) o-Xylene	13.056	91	179992	0.778	ppbv	99
61) Styrene	12.902	104	44516m	0.426	ppbv	
64) n-propylbenzene	14.915	120	14882m	0.162	ppbv	
65) tert-Butylbenzene	16.101	119	34440	0.108	ppbv #	65
69) p-Isopropyltoluene	16.985	119	43057m	0.118	ppbv	
70) n-Butylbenzene	17.889	91	43260m	0.116	ppbv	
72) 4-Ethyltoluene	15.195	105	85694m	0.314	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	64290	0.274	ppbv	88
74) 1,2,4-Trimethylbenzene	16.101	105	299471	1.097	ppbv #	68
76) 1,4-Dichlorobenzene	16.471	146	114692	0.690	ppbv	92
79) Naphthalene	21.384	128	64161m	0.266	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

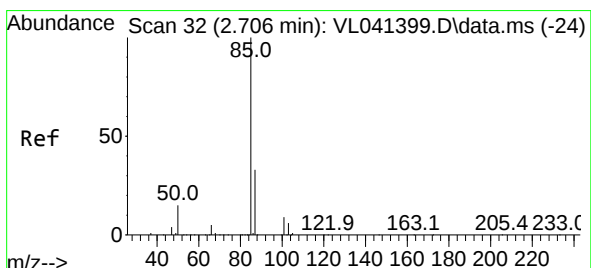
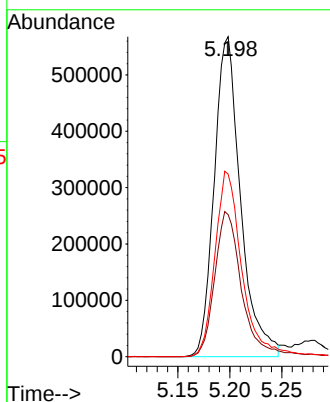
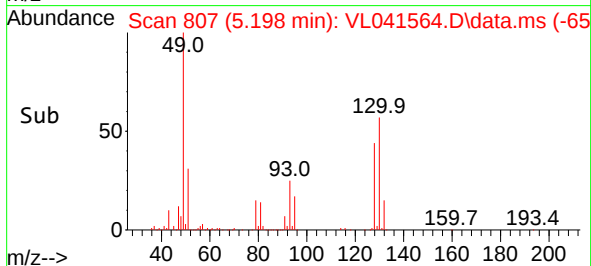
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 100300
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.4
130 60.3 30.8 92.4

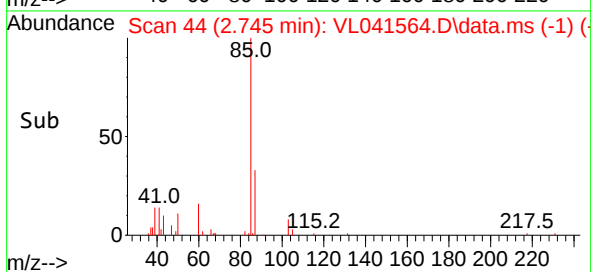
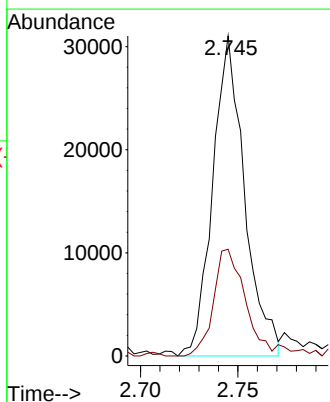
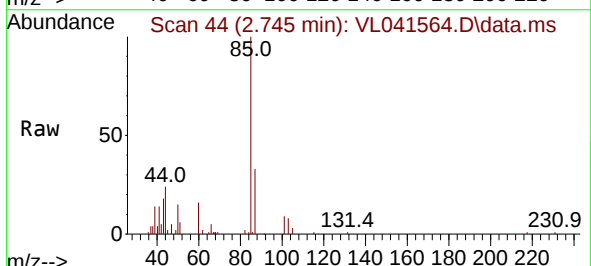
Manual Integrations
APPROVED

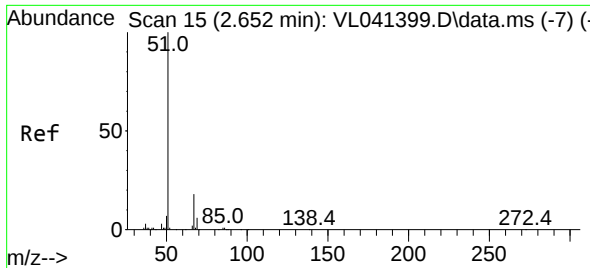
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#2
Dichlorodifluoromethane
Concen: 0.204 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Tgt Ion: 85 Resp: 35238
Ion Ratio Lower Upper
85 100
87 33.4 26.0 39.0





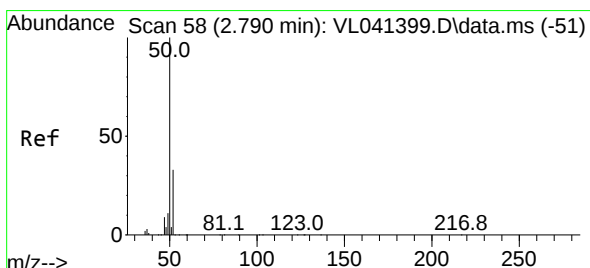
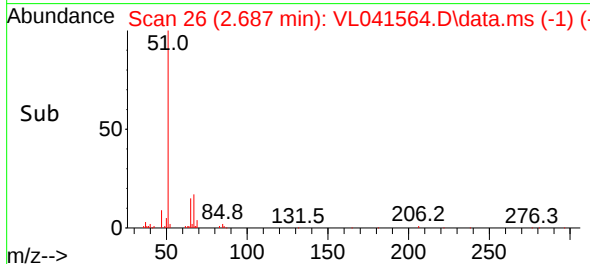
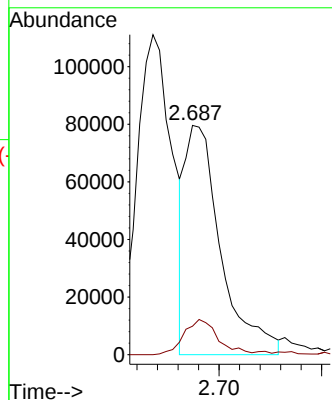
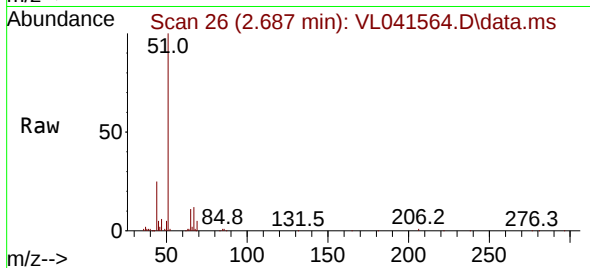
#3
Chlorodifluoromethane
Concen: 0.810 ppbv m
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 51 Resp: 96770
Ion Ratio Lower Upper
51 100
67 16.1 14.5 21.7

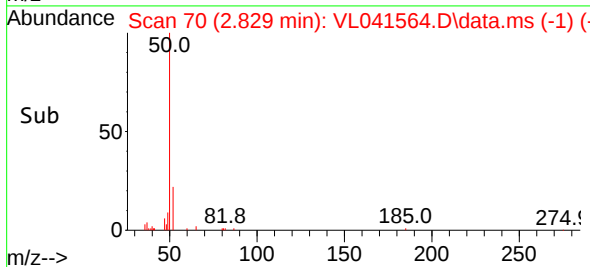
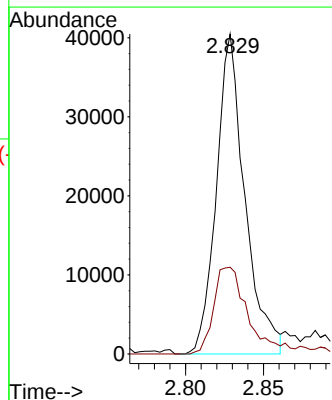
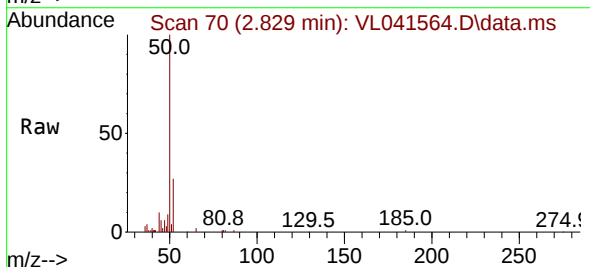
Manual Integrations
APPROVED

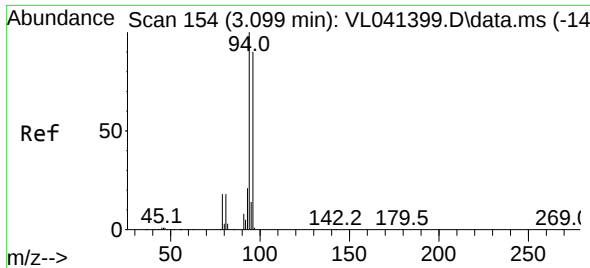
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#4
Chloromethane
Concen: 0.810 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

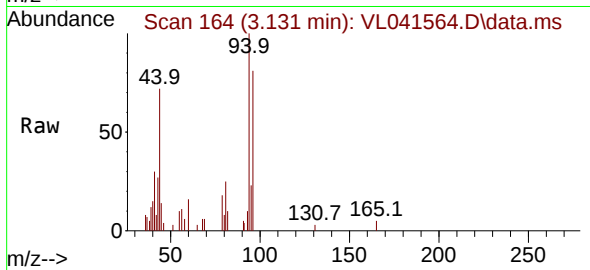
Tgt Ion: 50 Resp: 51434
Ion Ratio Lower Upper
50 100
52 27.3 26.1 39.1





#6
Bromomethane
Concen: 0.227 ppbv m
RT: 3.131 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

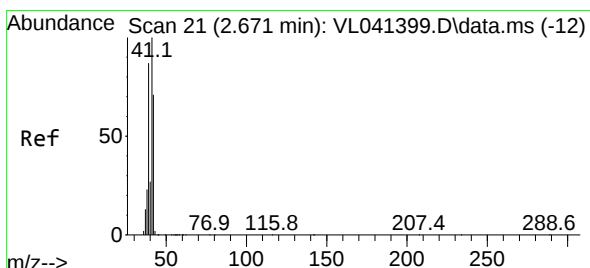
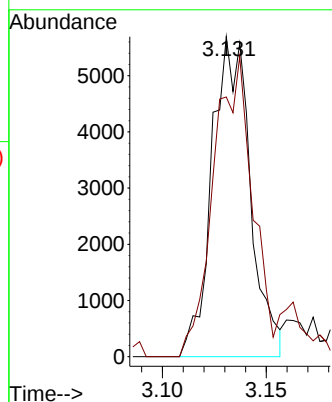
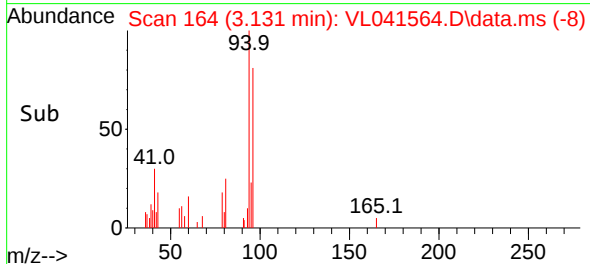
Instrument :
MSVOA_L
ClientSampleId :
IA1



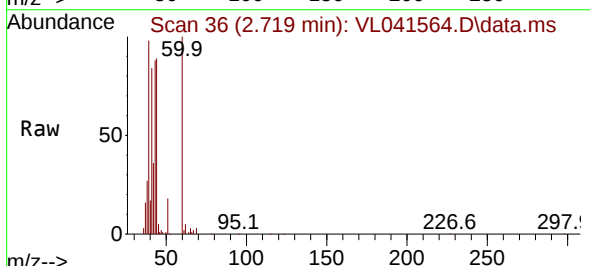
Tgt Ion: 94 Resp: 729
Ion Ratio Lower Upper
94 100
96 81.2 72.3 108.5

Manual Integrations
APPROVED

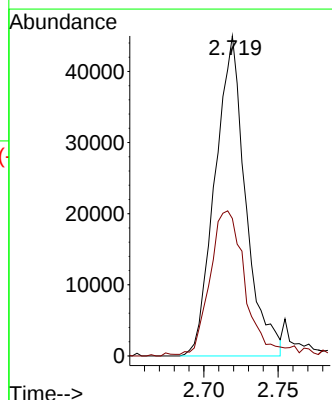
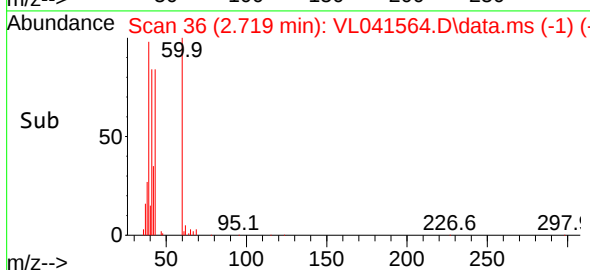
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

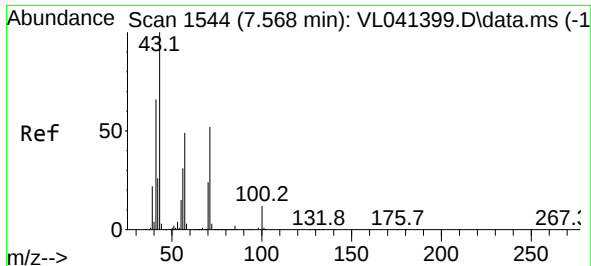


#9
Propene
Concen: 1.176 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.013 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28



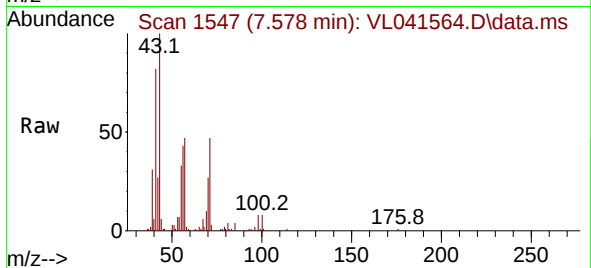
Tgt Ion: 41 Resp: 64525
Ion Ratio Lower Upper
41 100
42 55.5 55.9 83.9#





#10
Heptane
Concen: 0.524 ppbv
RT: 7.578 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

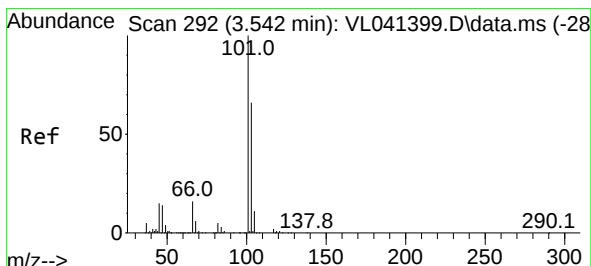
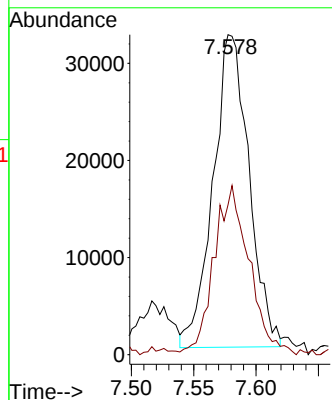
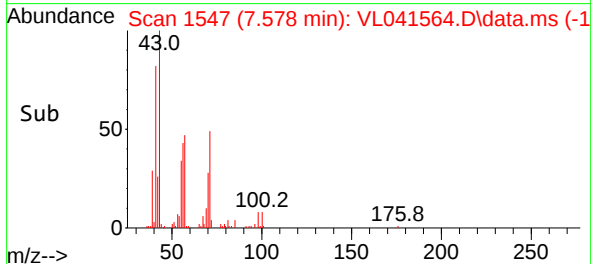
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 64574
Ion Ratio Lower Upper
43 100
57 54.8 40.5 60.7

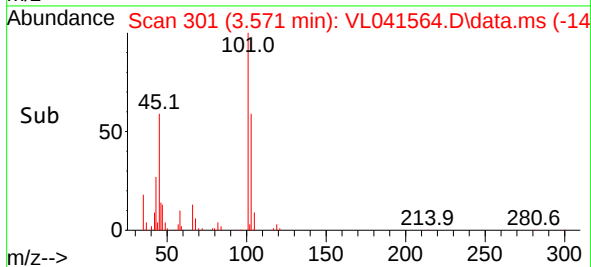
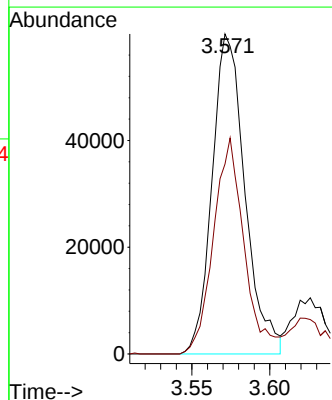
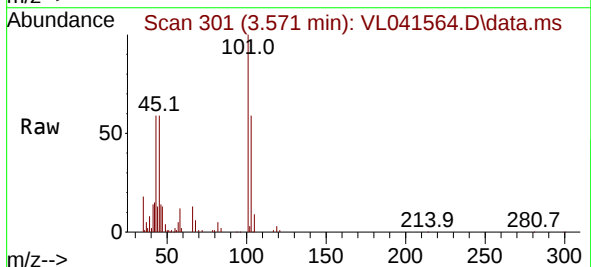
Manual Integrations
APPROVED

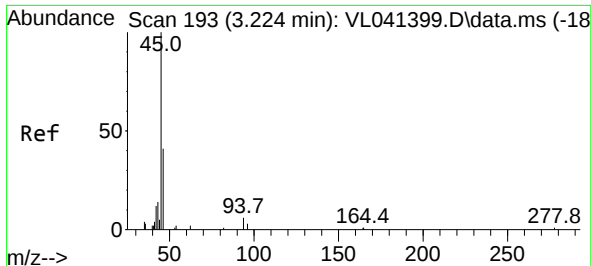
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#11
Trichlorofluoromethane
Concen: 0.572 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

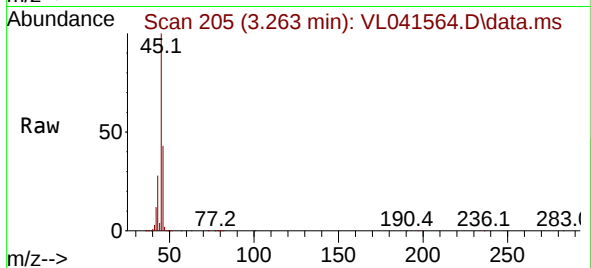
Tgt Ion:101 Resp: 87715
Ion Ratio Lower Upper
101 100
103 59.3 52.6 79.0





#13
Ethanol
Concen: 2477.269 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

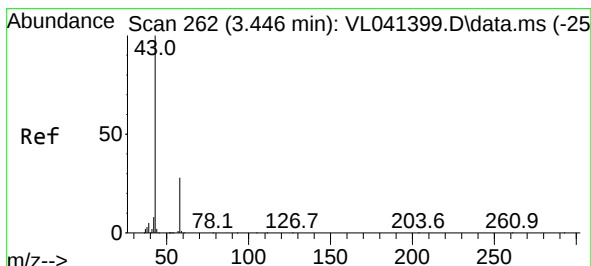
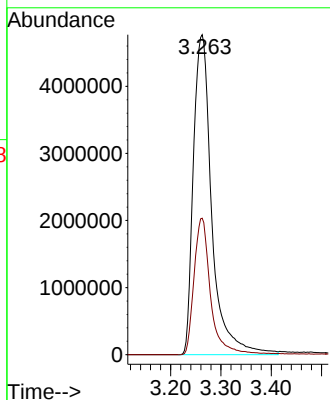
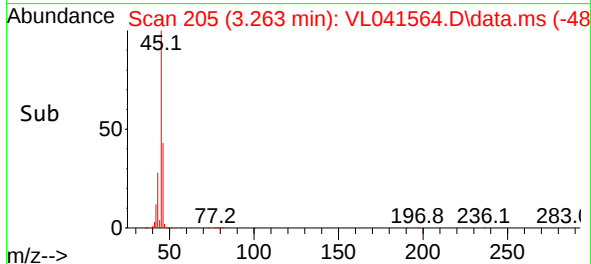
Instrument :
MSVOA_L
ClientSampleId :
IA1



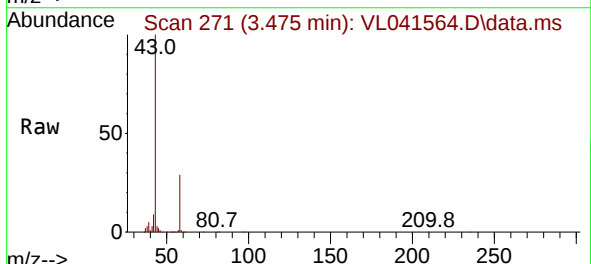
Tgt Ion: 45 Resp: 12144730
Ion Ratio Lower Upper
45 100
46 39.2 13.4 53.4

Manual Integrations
APPROVED

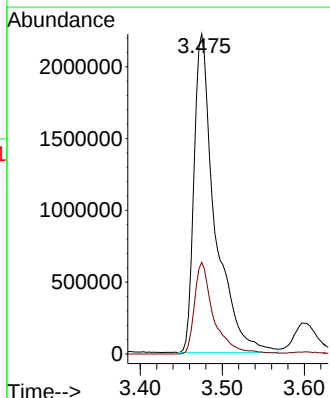
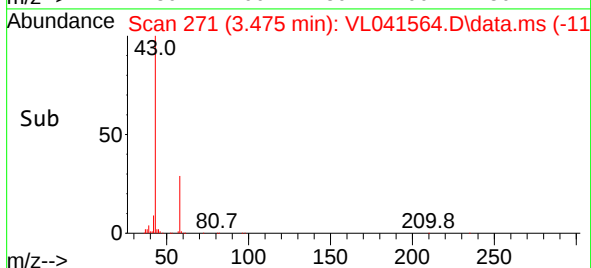
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

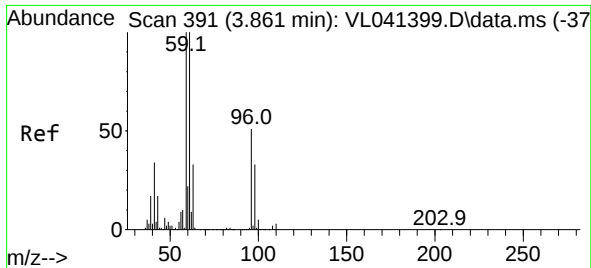


#15
Acetone
Concen: 34.457 ppbv
RT: 3.475 min Scan# 271
Delta R.T. -0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28



Tgt Ion: 43 Resp: 3926829
Ion Ratio Lower Upper
43 100
58 26.4 21.4 32.2





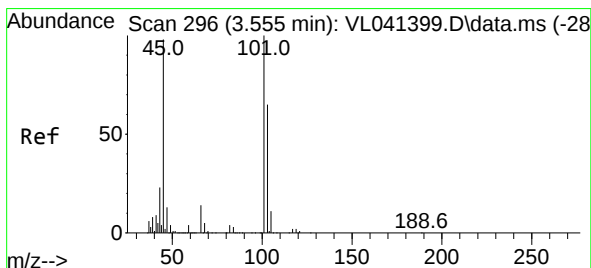
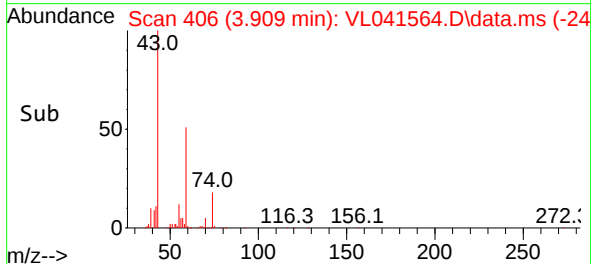
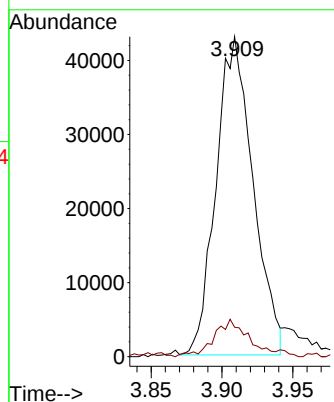
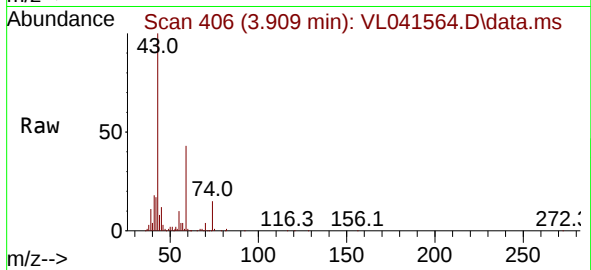
#17
tert-Butyl alcohol
Concen: 0.751 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.026 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 59 Resp: 78070
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

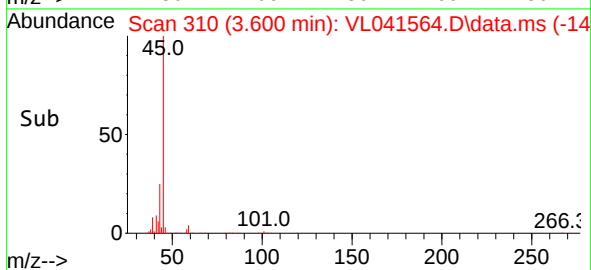
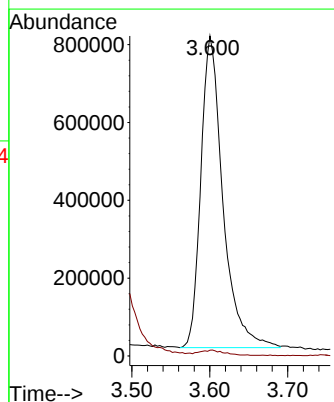
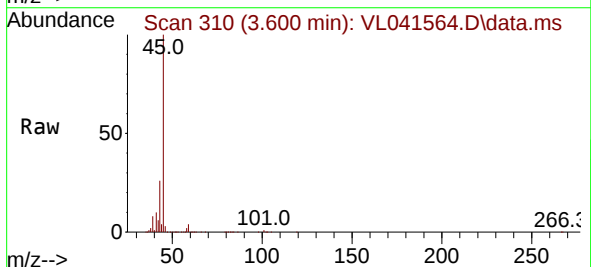
Manual Integrations
APPROVED

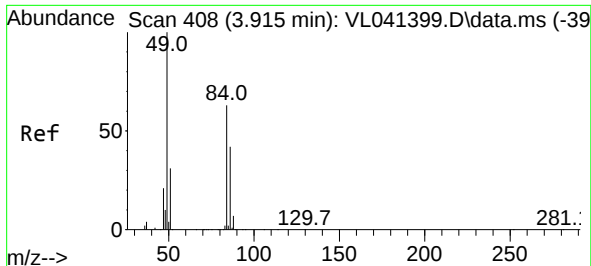
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#19
Isopropyl Alcohol
Concen: 23.641 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.016 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

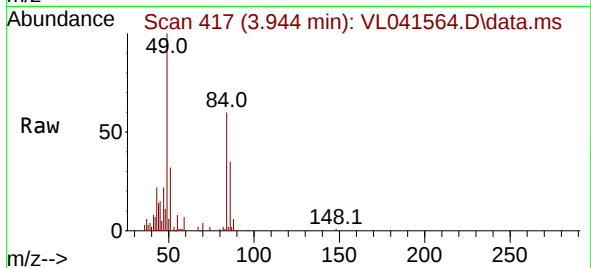
Tgt Ion: 45 Resp: 1575112
Ion Ratio Lower Upper
45 100
58 2.3 1.9 2.9





#20
Methylene Chloride
Concen: 1.224 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

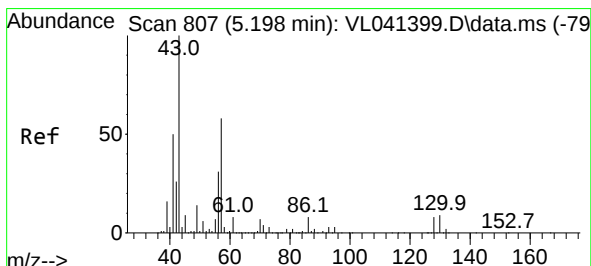
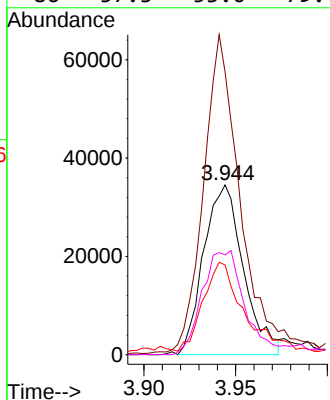
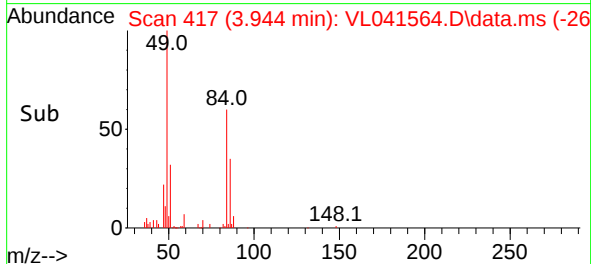
Instrument :
MSVOA_L
ClientSampleId :
IA1



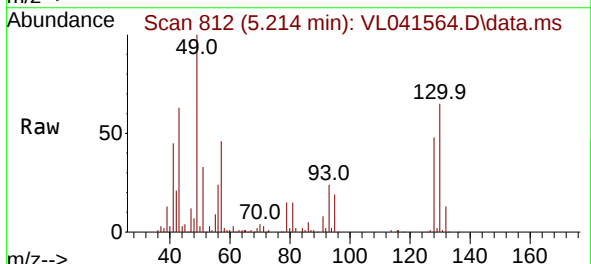
Tgt Ion: 84 Resp: 5202
Ion Ratio Lower Upper
84 100
49 157.7 126.6 190.0
51 50.8 38.6 58.0
86 57.3 53.0 79.4

Manual Integrations
APPROVED

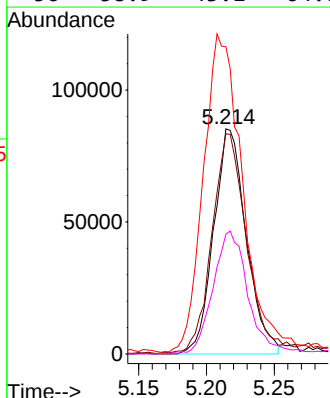
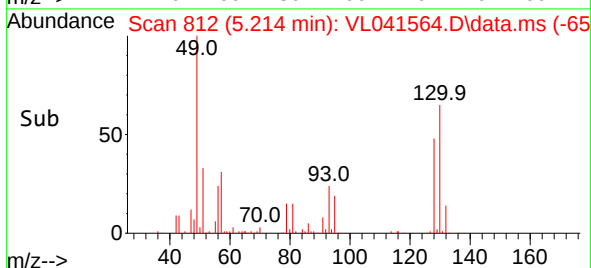
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

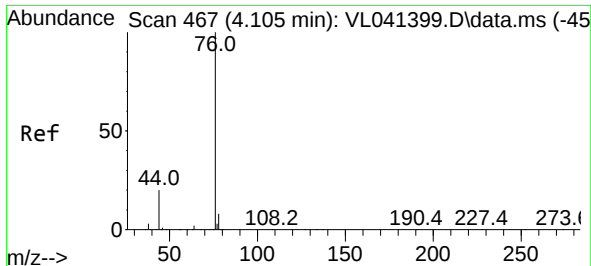


#26
Hexane
Concen: 1.521 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28



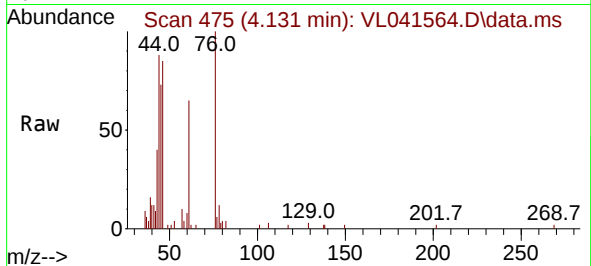
Tgt Ion: 57 Resp: 142846
Ion Ratio Lower Upper
57 100
41 108.8 74.0 111.0
43 171.2 193.6 290.4#
56 58.9 43.1 64.7





#27
Carbon Disulfide
Concen: 0.113 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

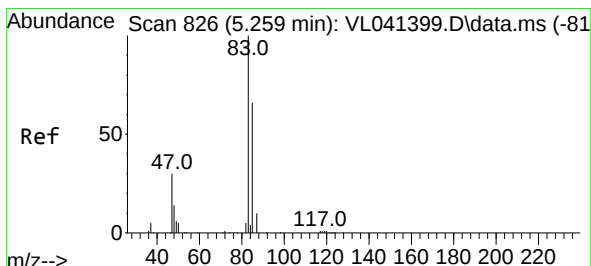
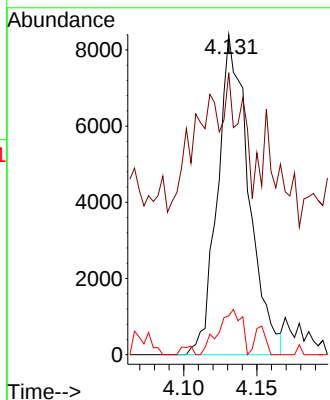
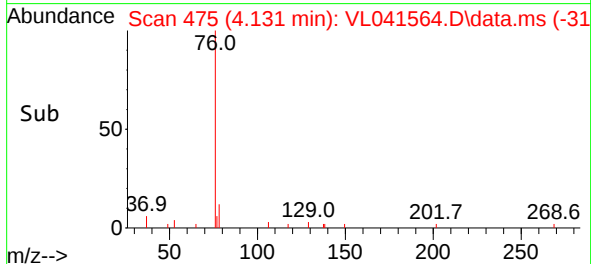
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 76 Resp: 1245
Ion Ratio Lower Upper
76 100
44 59.6 15.6 23.4
78 14.5 7.7 11.5

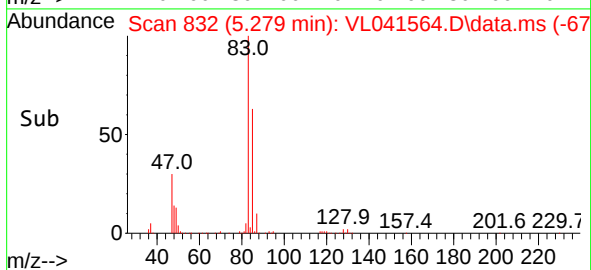
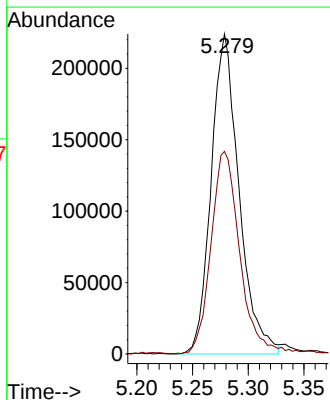
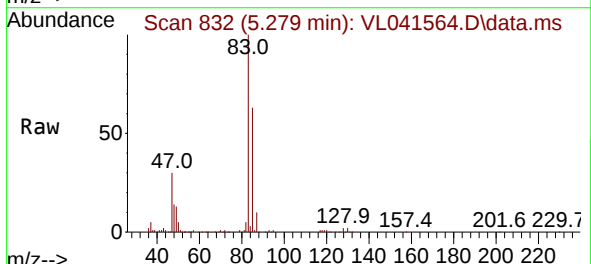
Manual Integrations
APPROVED

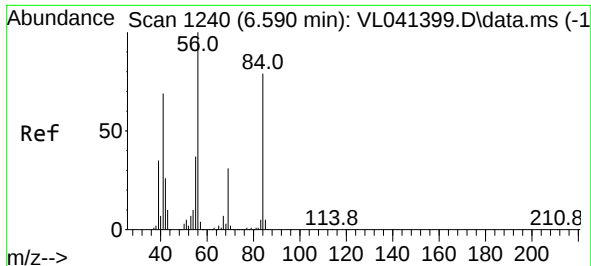
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#29
Chloroform
Concen: 2.539 ppbv
RT: 5.279 min Scan# 832
Delta R.T. 0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

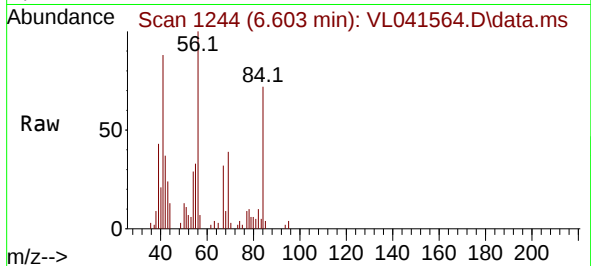
Tgt Ion: 83 Resp: 388916
Ion Ratio Lower Upper
83 100
85 63.0 53.1 79.7





#30
Cyclohexane
Concen: 0.171 ppbv m
RT: 6.603 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

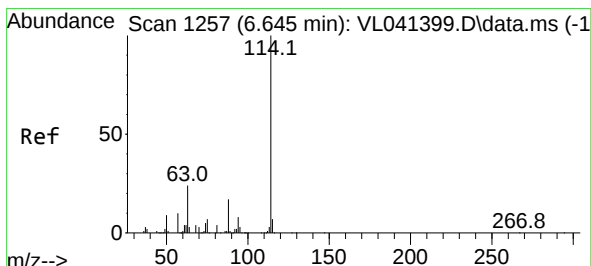
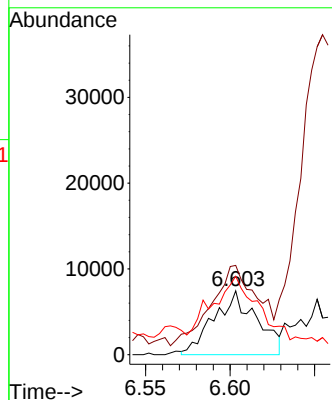
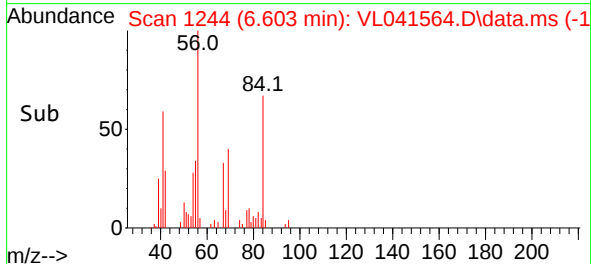
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 84 Resp: 1305
Ion Ratio Lower Upper
84 100
56 0.0 111.2 166.8
41 165.5 70.3 105.5

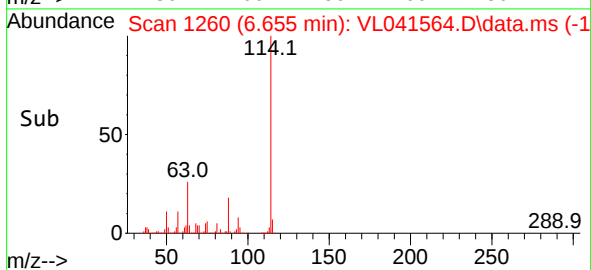
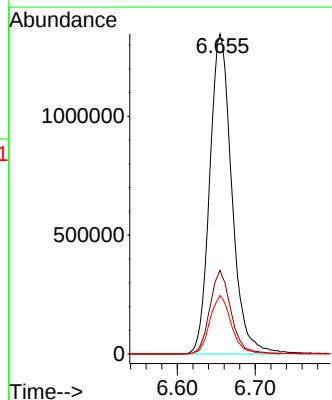
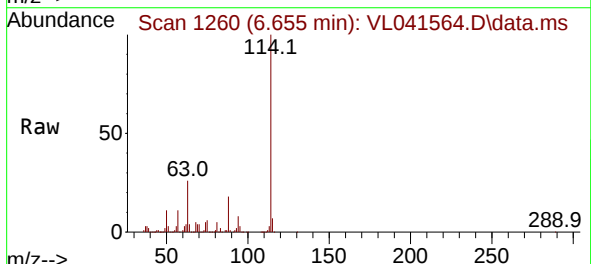
Manual Integrations
APPROVED

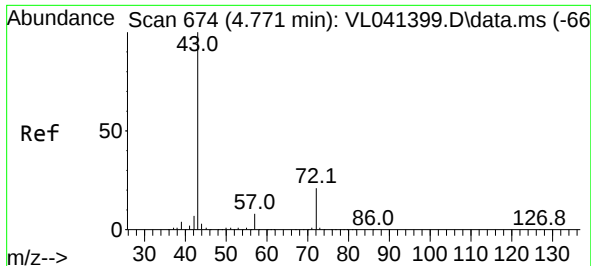
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

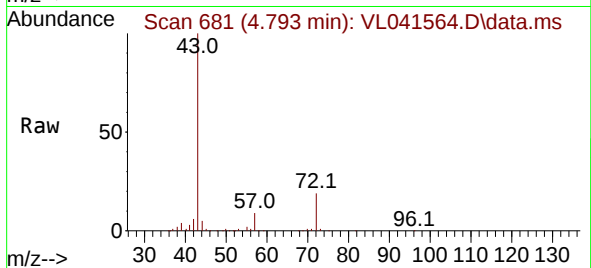
Tgt Ion:114 Resp: 2648582
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 17.7 14.3 21.5





#34
2-Butanone
Concen: 2.512 ppbv
RT: 4.793 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

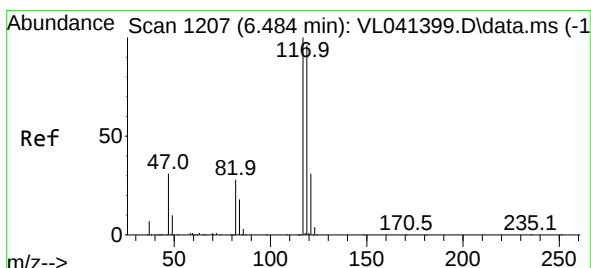
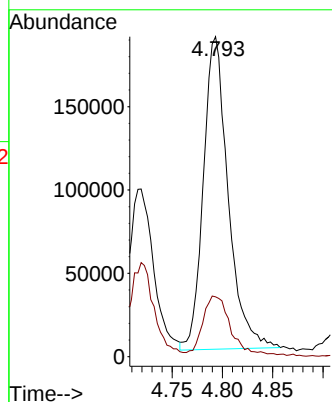
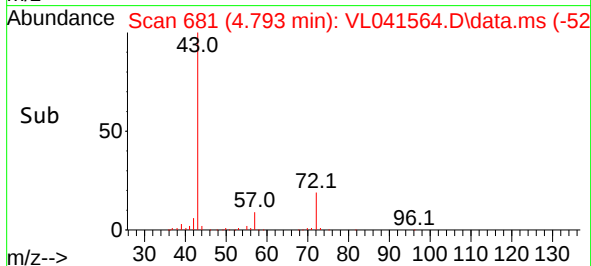
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 321890
Ion Ratio Lower Upper
43 100
72 22.4 17.3 25.9

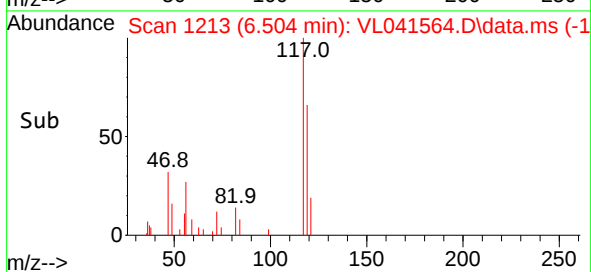
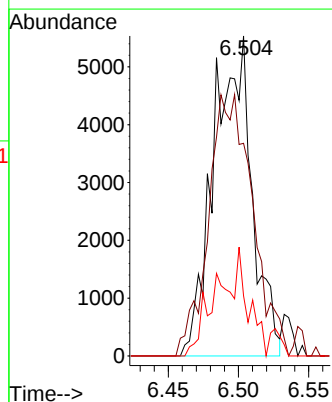
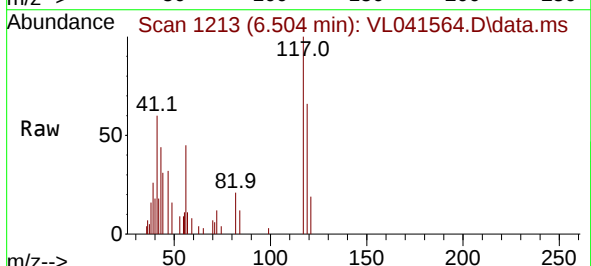
Manual Integrations
APPROVED

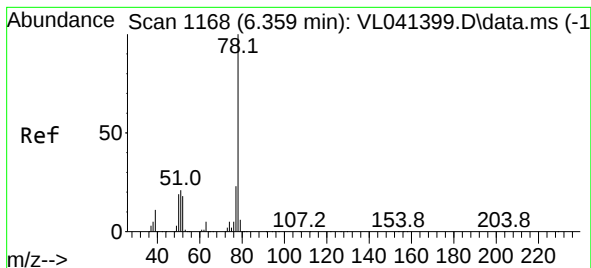
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#35
Carbon Tetrachloride
Concen: 0.072 ppbv m
RT: 6.504 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Tgt Ion:117 Resp: 10527
Ion Ratio Lower Upper
117 100
119 66.4 76.6 115.0#
121 18.8 25.1 37.7#





#36

Benzene

Concen: 0.546 ppbv

RT: 6.375 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VL041564.D

Acq: 21 Aug 2024 12:28

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 78 Resp: 10575

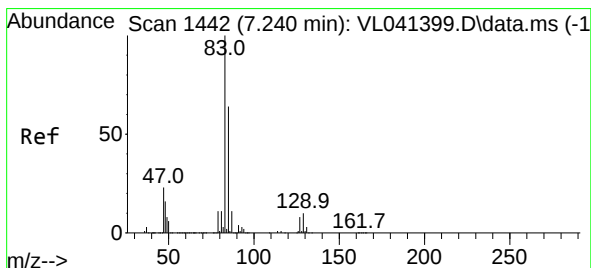
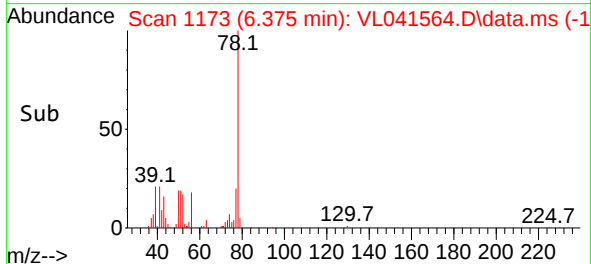
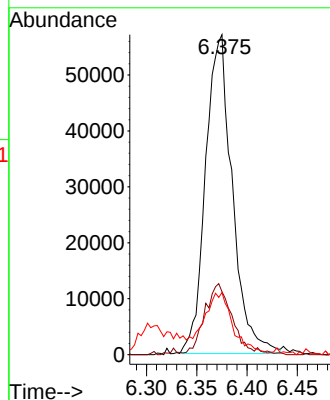
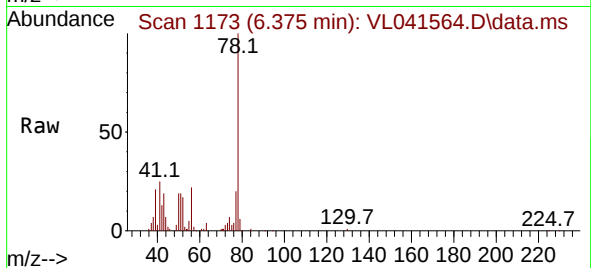
Ion	Ratio	Lower	Upper
78	100		
77	19.2	18.1	27.1
50	18.9	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#42

Bromodichloromethane

Concen: 0.111 ppbv m

RT: 7.246 min Scan# 1444

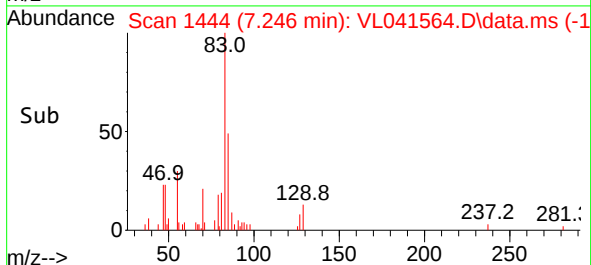
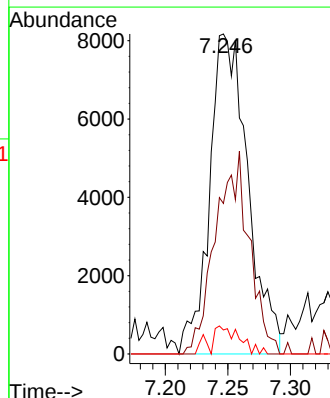
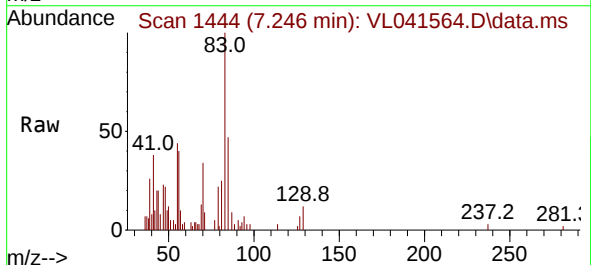
Delta R.T. -0.006 min

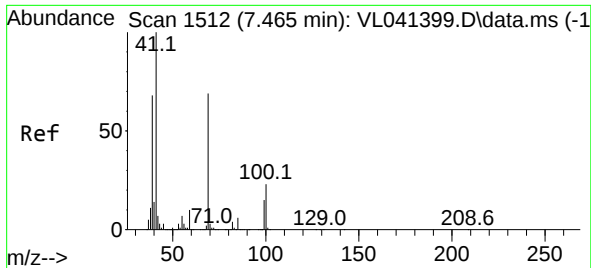
Lab File: VL041564.D

Acq: 21 Aug 2024 12:28

Tgt Ion: 83 Resp: 17433

Ion	Ratio	Lower	Upper
83	100		
85	47.0	51.4	77.0#
127	7.5	6.7	10.1





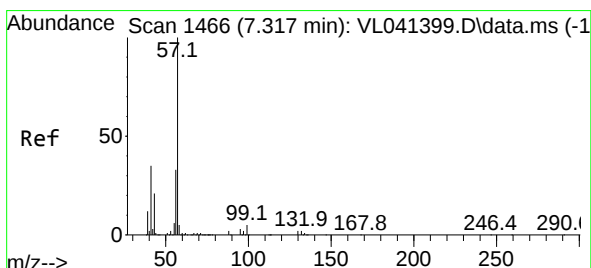
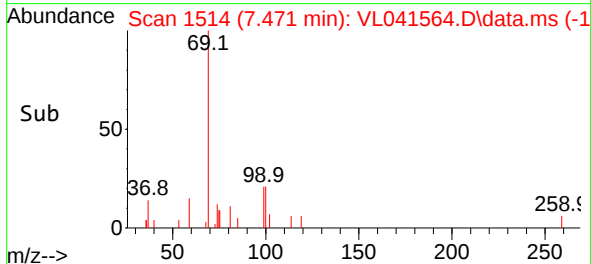
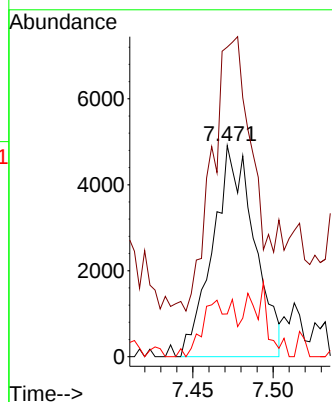
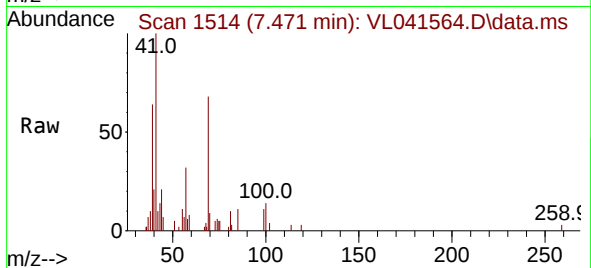
#43
Methyl Methacrylate
Concen: 0.127 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 69 Resp: 8824
Ion Ratio Lower Upper
69 100
41 0.0 118.7 178.1#
100 0.0 27.0 40.4#

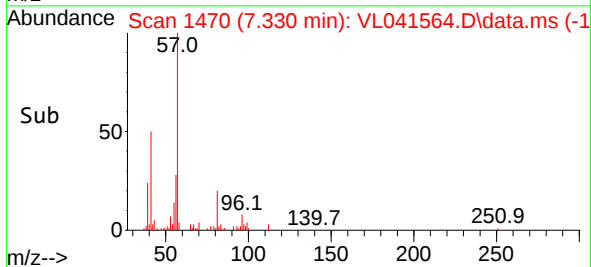
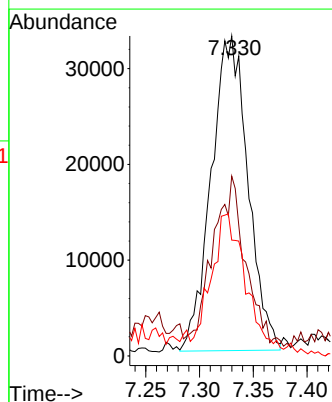
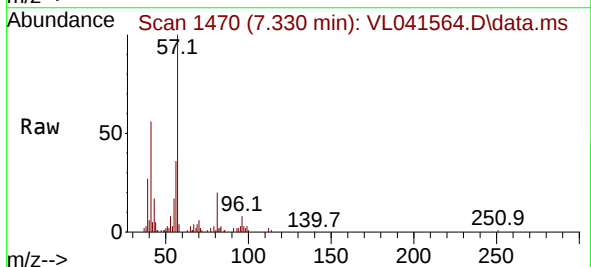
Manual Integrations
APPROVED

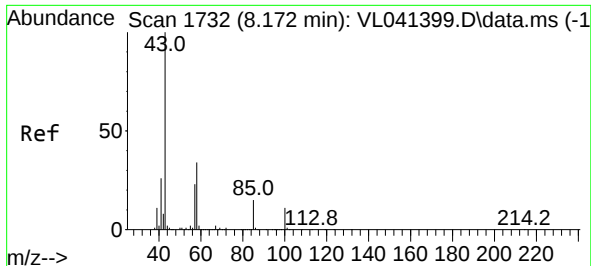
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#44
2,2,4-Trimethylpentane
Concen: 0.241 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Tgt Ion: 57 Resp: 77962
Ion Ratio Lower Upper
57 100
41 51.7 27.0 40.6#
56 48.9 25.2 37.8#





#50

4-Methyl-2-Pentanone

Concen: 0.302 ppbv

RT: 8.188 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041564.D

Acq: 21 Aug 2024 12:28

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 43 Resp: 6100

Ion Ratio Lower Upper

43 100

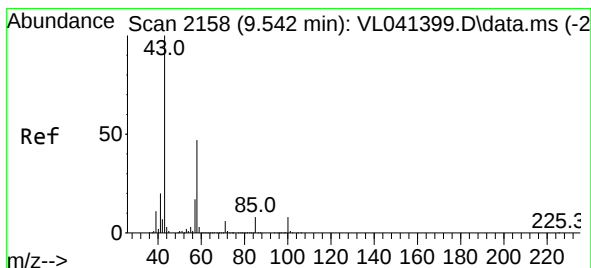
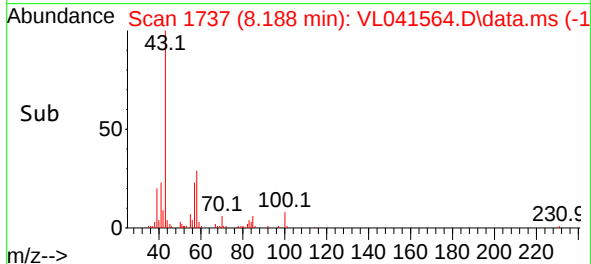
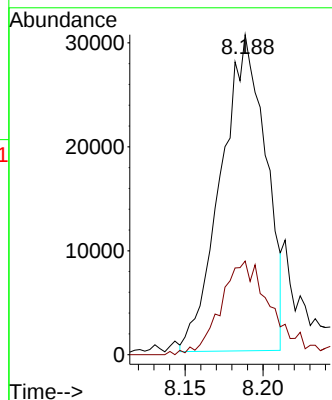
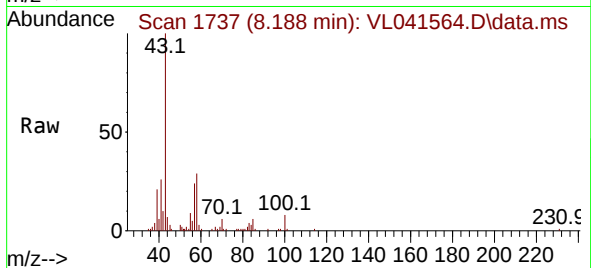
58 34.1 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#51

2-Hexanone

Concen: 0.402 ppbv

RT: 9.552 min Scan# 2161

Delta R.T. -0.000 min

Lab File: VL041564.D

Acq: 21 Aug 2024 12:28

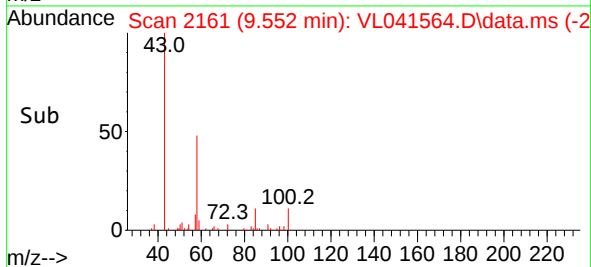
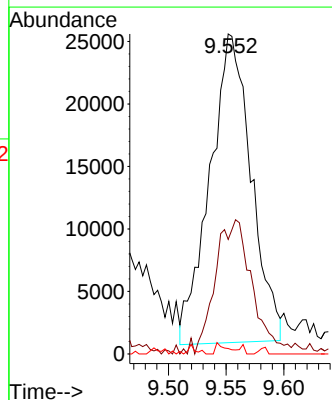
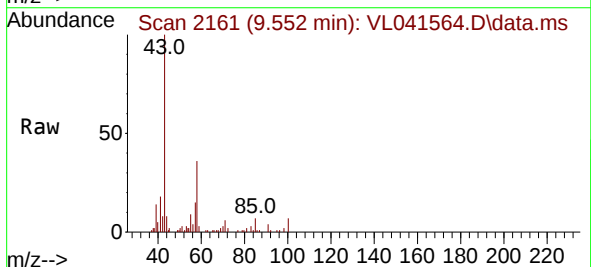
Tgt Ion: 43 Resp: 61476

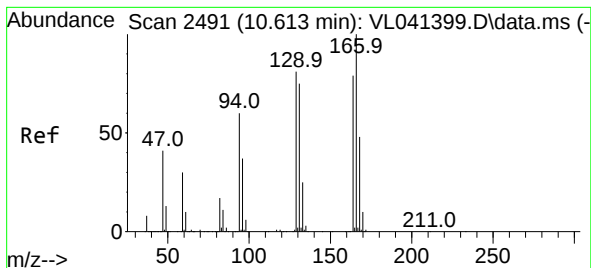
Ion Ratio Lower Upper

43 100

58 40.4 38.2 57.2

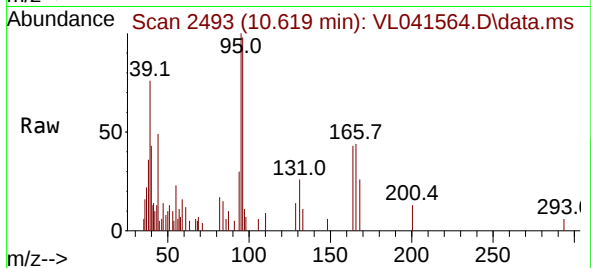
98 1.8 0.3 0.5#





#52
Tetrachloroethene
Concen: 0.036 ppbv m
RT: 10.619 min Scan# 2491
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

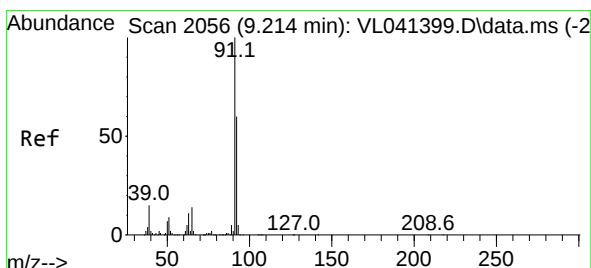
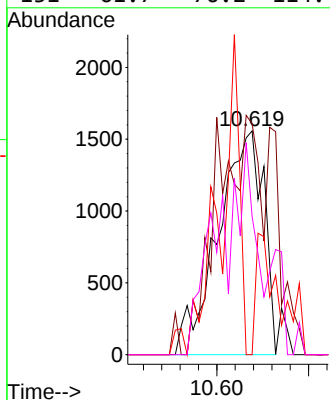
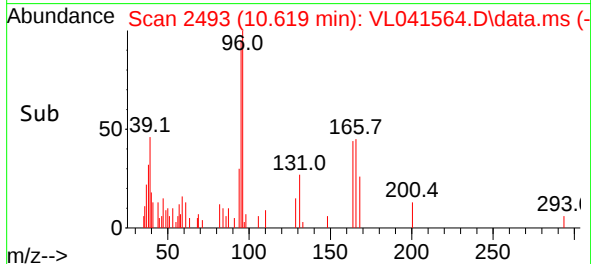
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:164 Resp: 268
Ion Ratio Lower Upper
164 100
166 103.2 101.1 151.7
129 0.0 81.7 122.5
131 61.7 76.2 114.4#

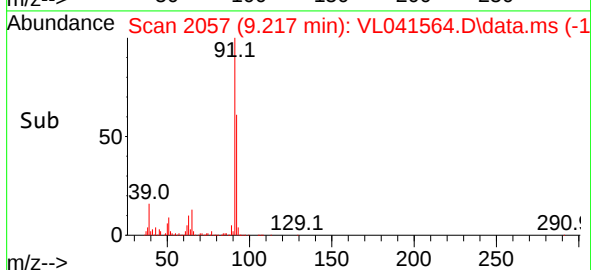
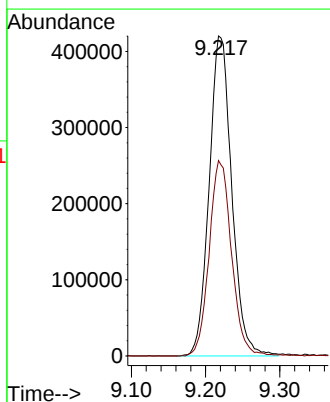
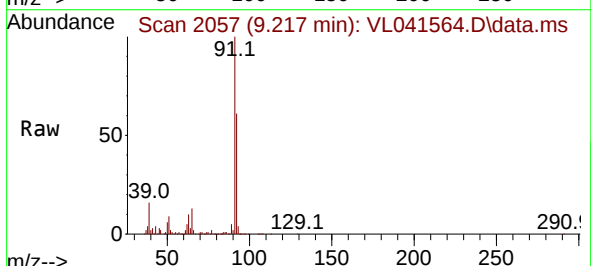
Manual Integrations
APPROVED

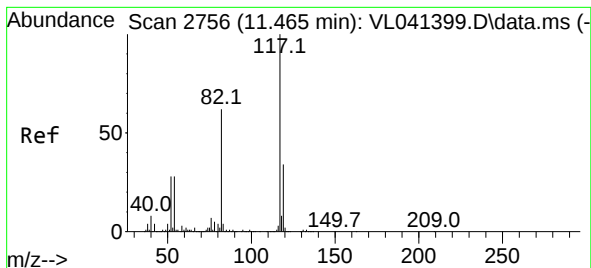
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#53
Toluene
Concen: 4.122 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

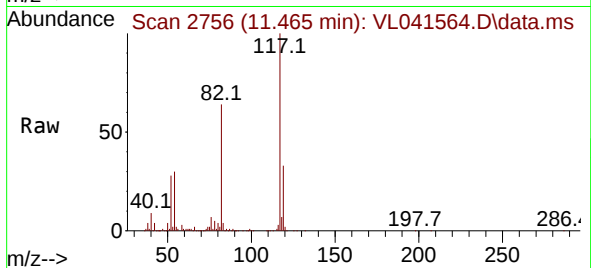
Tgt Ion: 91 Resp: 888654
Ion Ratio Lower Upper
91 100
92 60.7 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

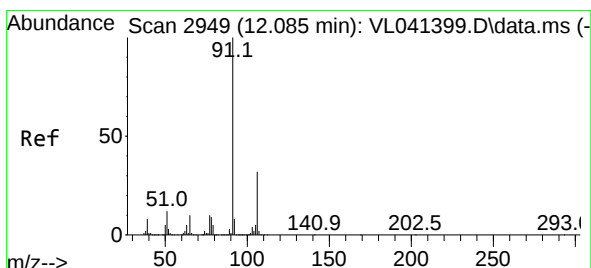
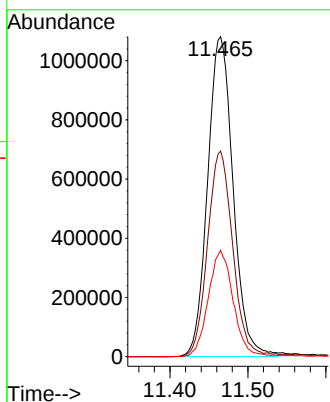
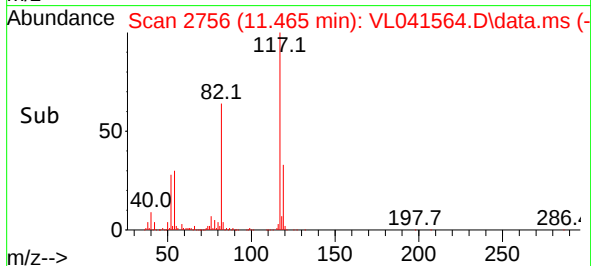
Instrument :
MSVOA_L
ClientSampleId :
IA1



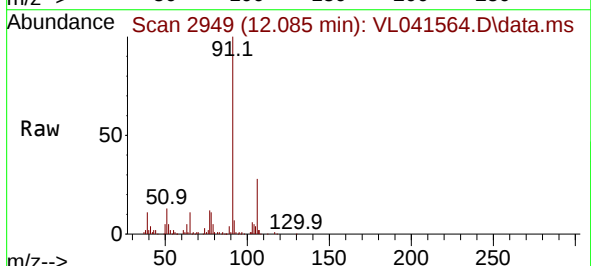
Tgt Ion:117 Resp: 245938
Ion Ratio Lower Upper
117 100
82 64.9 51.0 76.6
119 32.8 45.2 67.8

Manual Integrations
APPROVED

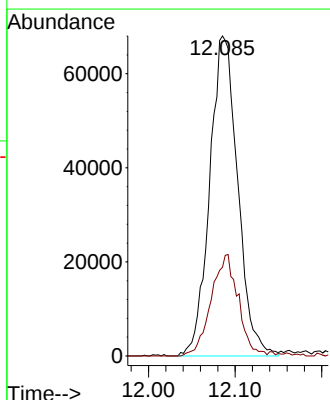
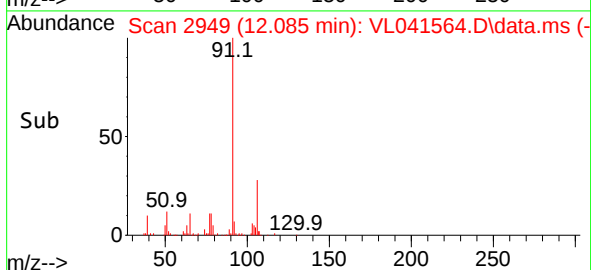
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

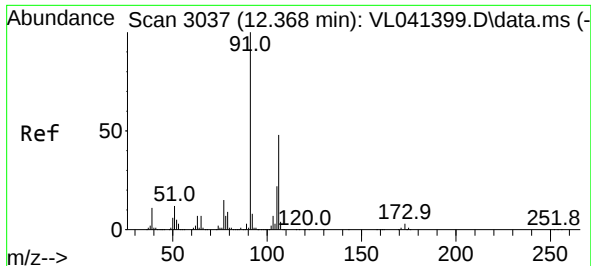


#58
Ethyl Benzene
Concen: 0.540 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28



Tgt Ion: 91 Resp: 153132
Ion Ratio Lower Upper
91 100
106 27.7 25.8 38.8





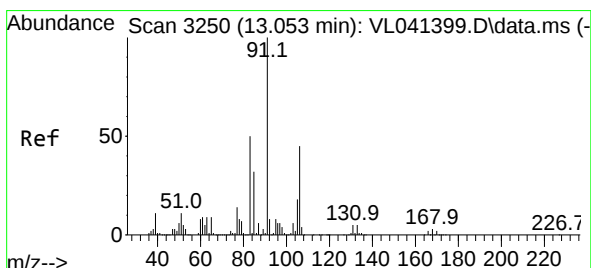
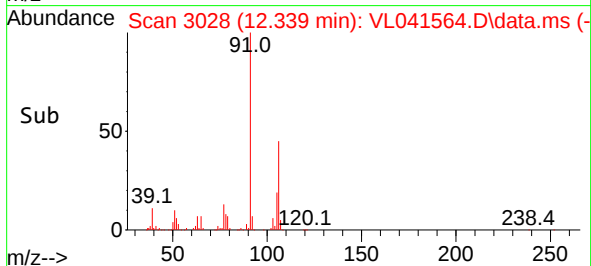
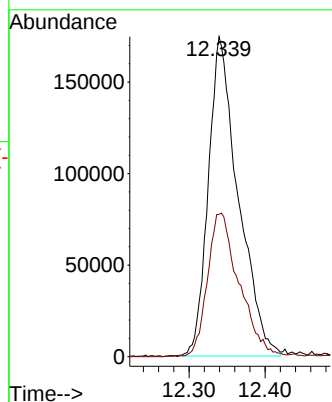
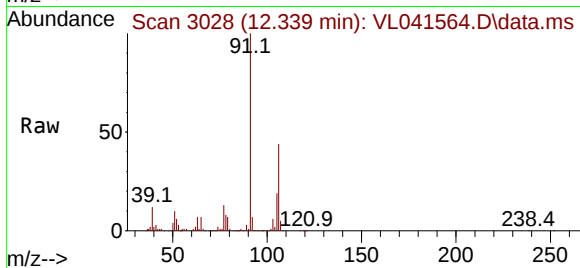
#59
m/p-Xylene
Concen: 1.953 ppbv
RT: 12.339 min Scan# 3037
Delta R.T. -0.032 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 477828
Ion Ratio Lower Upper
91 100
106 48.3 36.3 54.5

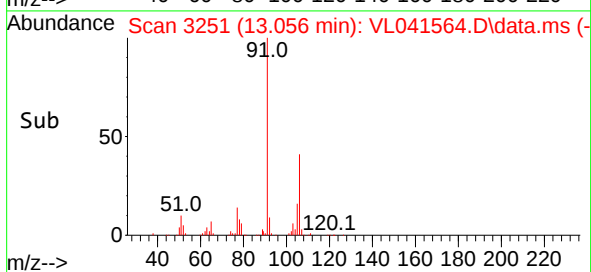
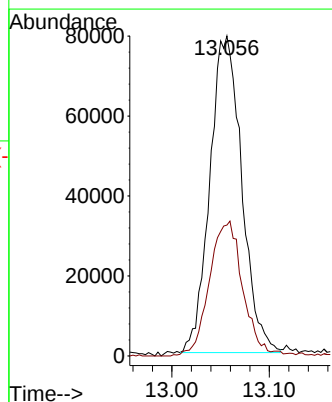
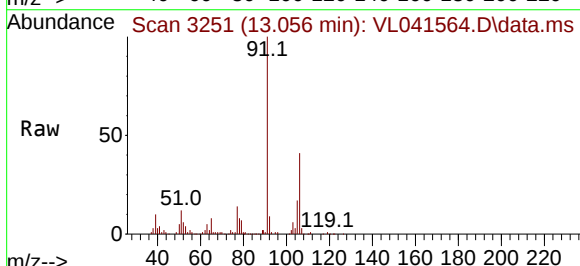
Manual Integrations
APPROVED

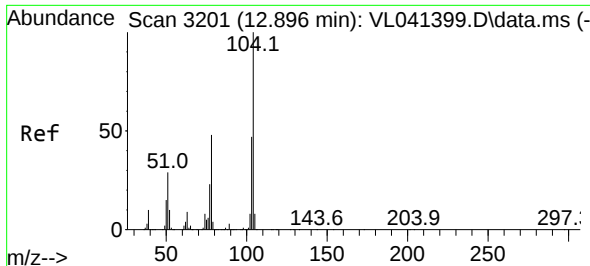
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#60
o-Xylene
Concen: 0.778 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

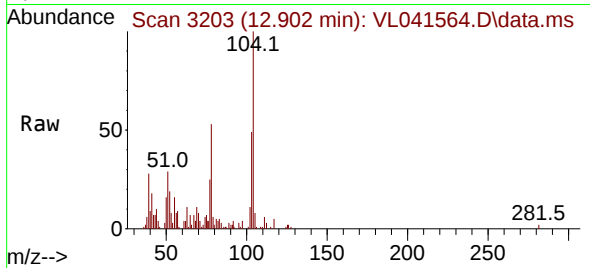
Tgt Ion: 91 Resp: 179992
Ion Ratio Lower Upper
91 100
106 45.3 23.1 69.3





#61
Styrene
Concen: 0.426 ppbv m
RT: 12.902 min Scan# 3201
Delta R.T. 0.006 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

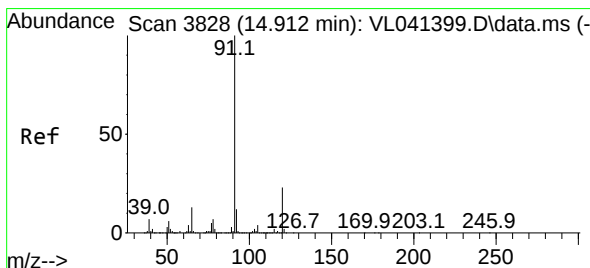
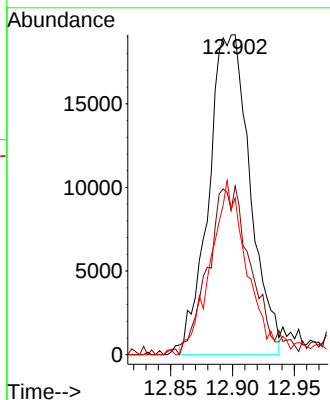
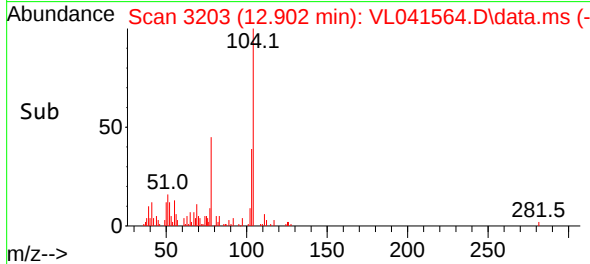
Instrument :
MSVOA_L
ClientSampleId :
IA1



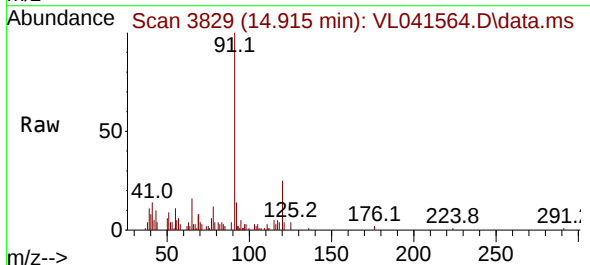
Tgt Ion:104 Resp: 44510
Ion Ratio Lower Upper
104 100
78 0.0 40.8 61.2
103 48.6 38.2 57.4

Manual Integrations
APPROVED

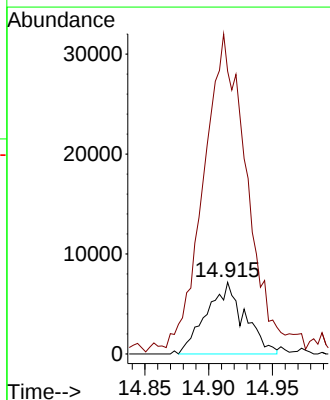
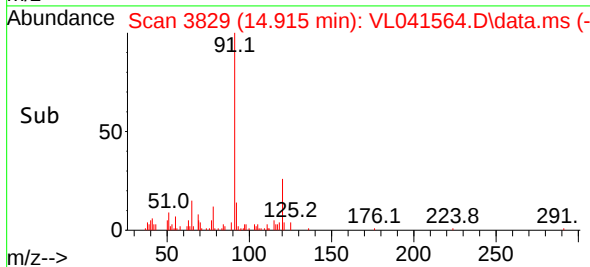
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

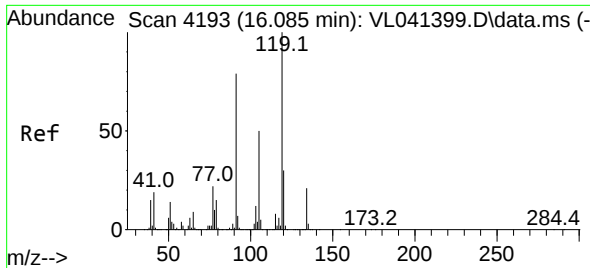


#64
n-propylbenzene
Concen: 0.162 ppbv m
RT: 14.915 min Scan# 3829
Delta R.T. 0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28



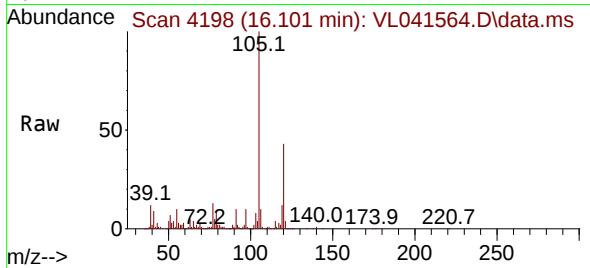
Tgt Ion:120 Resp: 14882
Ion Ratio Lower Upper
120 100
91 520.4 361.4 542.0





#65
tert-Butylbenzene
Concen: 0.108 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

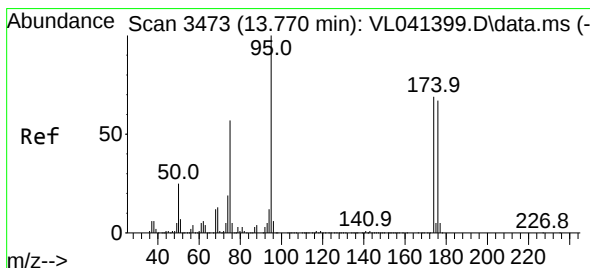
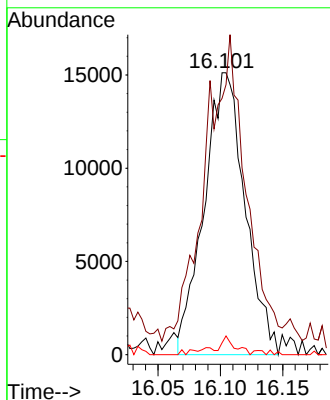
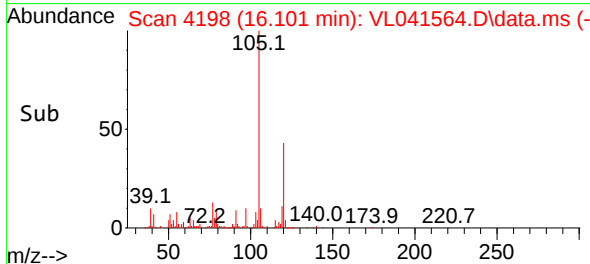
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 119 Resp: 34440
Ion Ratio Lower Upper
119 100
91 111.7 64.2 96.2
134 4.0 15.7 23.5

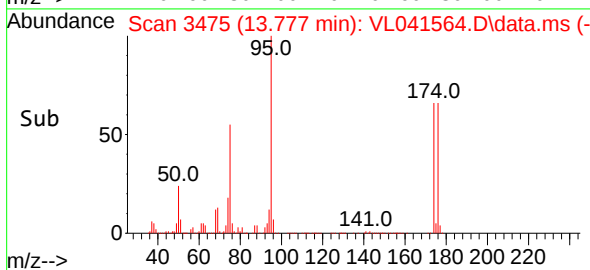
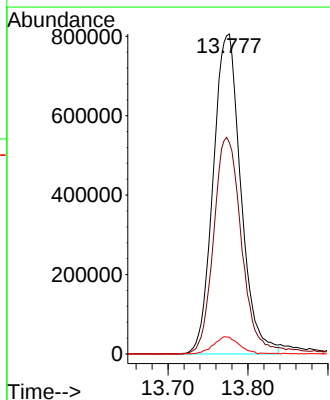
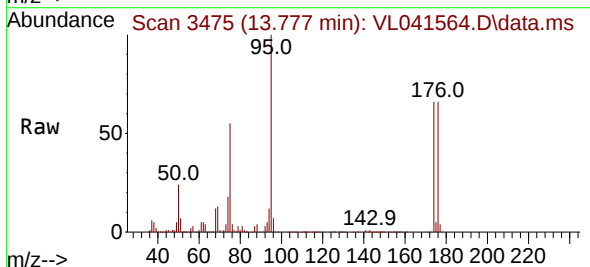
Manual Integrations
APPROVED

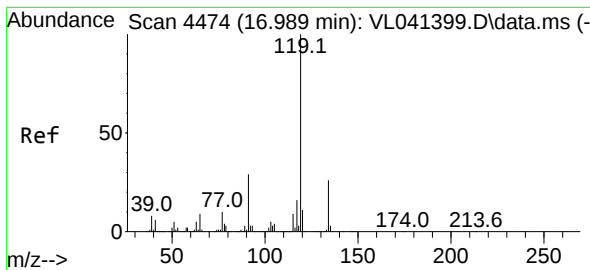
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.222 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Tgt Ion: 95 Resp: 1934613
Ion Ratio Lower Upper
95 100
174 70.4 56.3 84.5
175 5.1 4.0 6.0





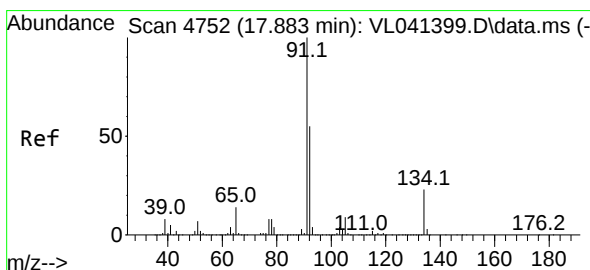
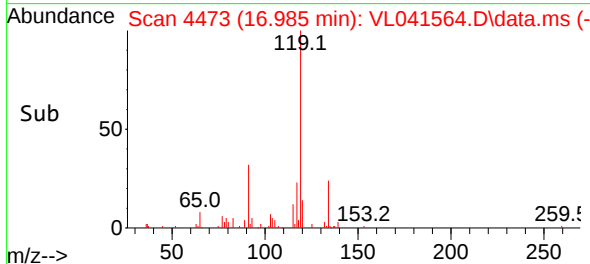
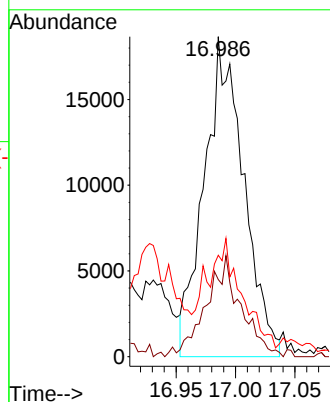
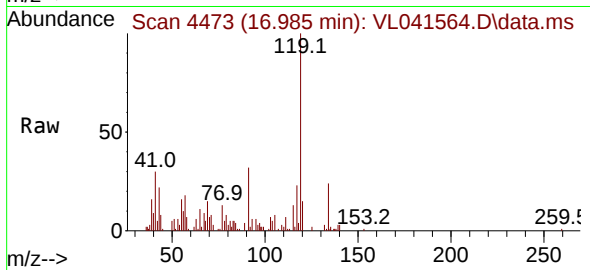
#69
p-Isopropyltoluene
Concen: 0.118 ppbv m
RT: 16.985 min Scan# 4473
Delta R.T. -0.006 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:119 Resp: 4305
Ion Ratio Lower Upper
119 100
134 28.2 20.5 30.7
91 33.7 23.2 34.8

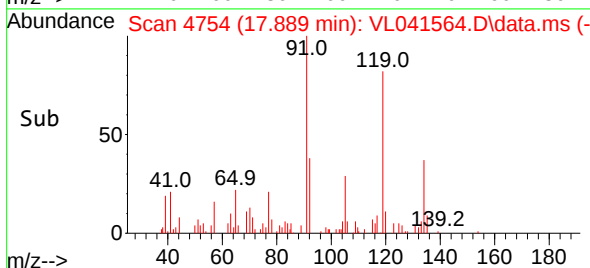
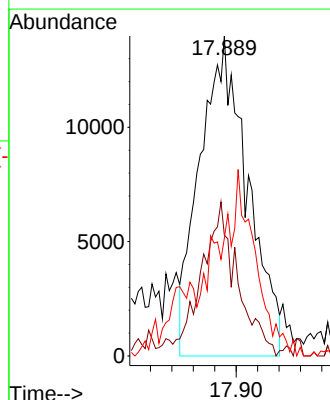
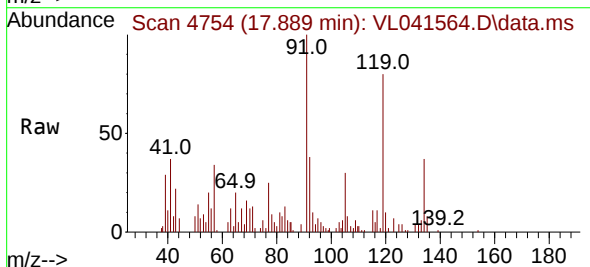
Manual Integrations
APPROVED

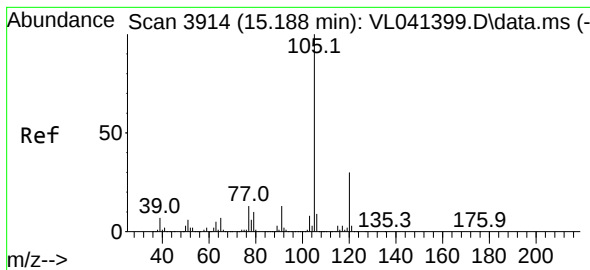
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#70
n-Butylbenzene
Concen: 0.116 ppbv m
RT: 17.889 min Scan# 4754
Delta R.T. 0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

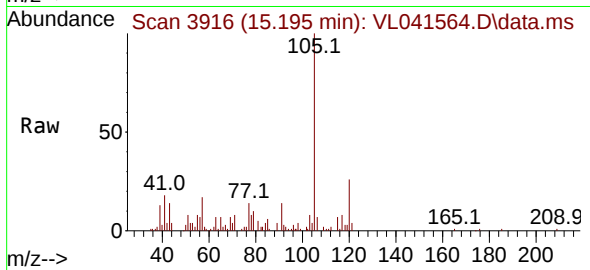
Tgt Ion: 91 Resp: 43260
Ion Ratio Lower Upper
91 100
92 38.2 43.2 64.8#
134 0.0 18.5 27.7#





#72
4-Ethyltoluene
Concen: 0.314 ppbv m
RT: 15.195 min Scan# 3916
Delta R.T. 0.006 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

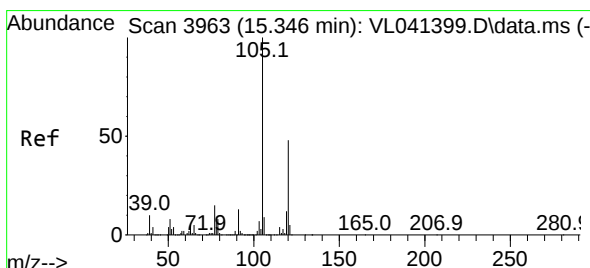
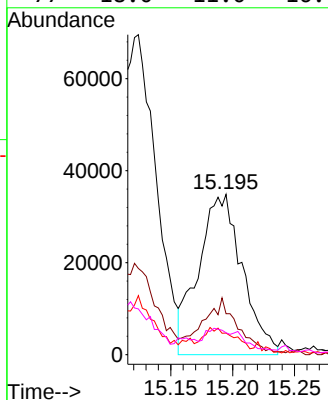
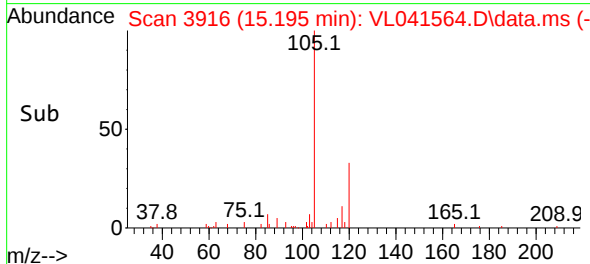
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:105 Resp: 85694
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2
91 12.9 10.4 15.6
77 18.0 11.0 16.4#

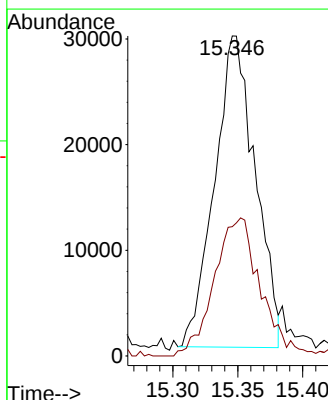
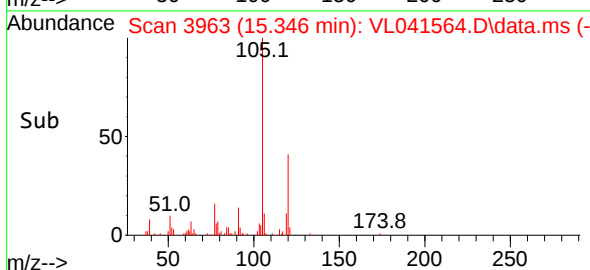
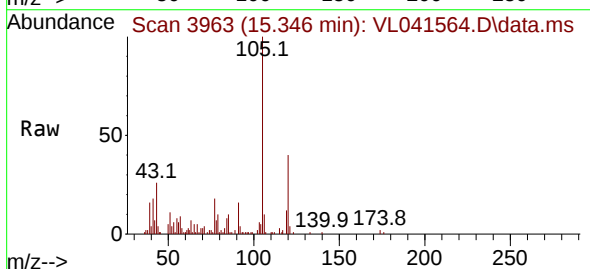
Manual Integrations
APPROVED

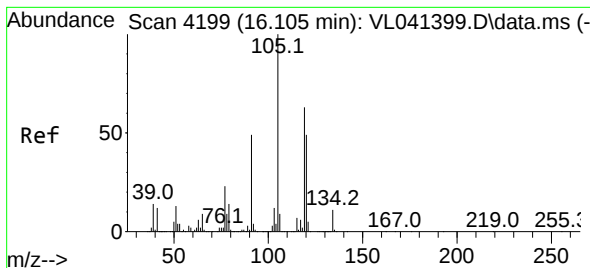
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#73
1,3,5-Trimethylbenzene
Concen: 0.274 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

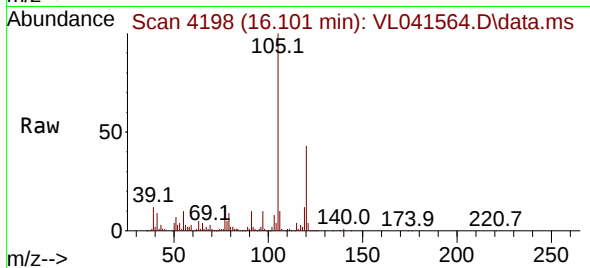
Tgt Ion:105 Resp: 64290
Ion Ratio Lower Upper
105 100
120 39.9 38.6 57.8





#74
1,2,4-Trimethylbenzene
Concen: 1.097 ppbv
RT: 16.101 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

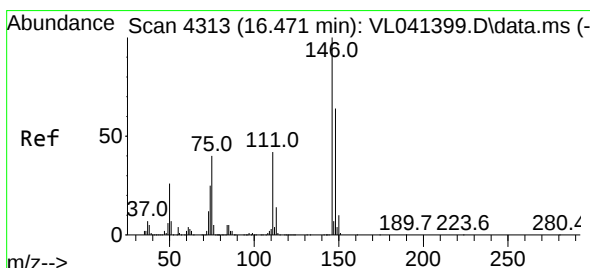
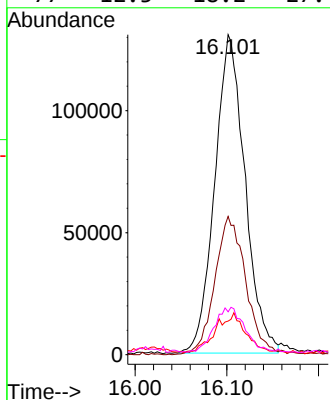
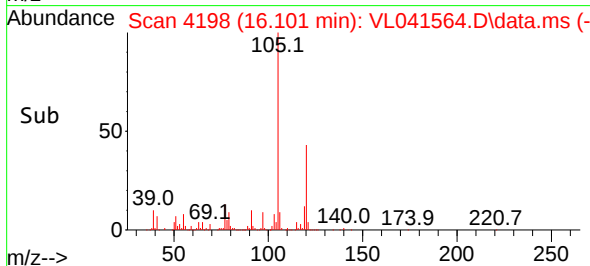
Instrument :
MSVOA_L
ClientSampleId :
IA1



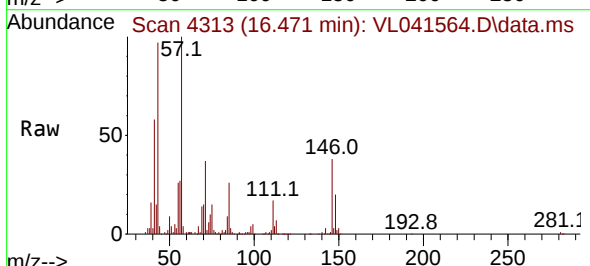
Tgt Ion:105 Resp: 29947
Ion Ratio Lower Upper
105 100
120 43.2 39.5 59.3
91 9.7 39.8 59.8
77 12.3 18.2 27.4#

Manual Integrations
APPROVED

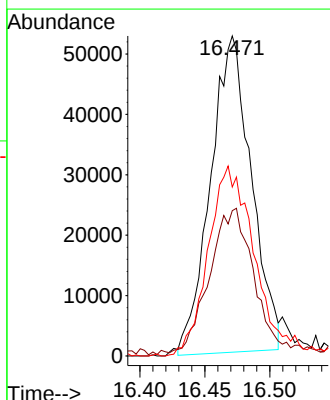
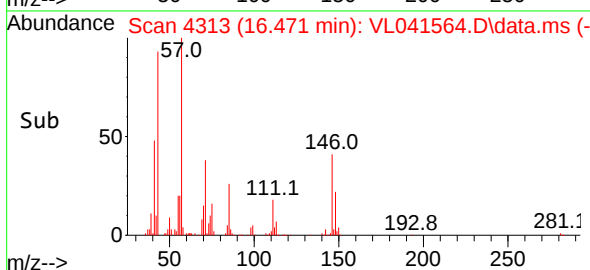
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

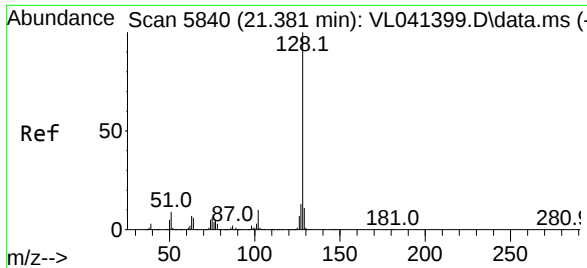


#76
1,4-Dichlorobenzene
Concen: 0.690 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28



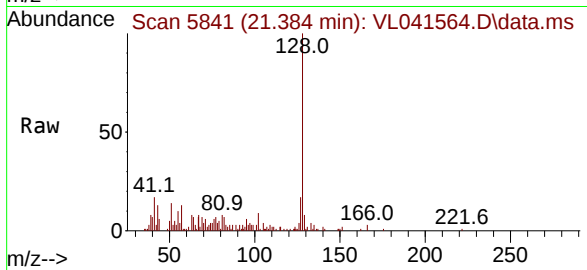
Tgt Ion:146 Resp: 114692
Ion Ratio Lower Upper
146 100
111 53.3 22.4 67.0
148 69.8 33.1 99.5





#79
Naphthalene
Concen: 0.266 ppbv m
RT: 21.384 min Scan# 5840
Delta R.T. 0.000 min
Lab File: VL041564.D
Acq: 21 Aug 2024 12:28

Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:128 Resp: 6416
Ion Ratio Lower Upper
128 100
127 17.0 10.3 15.5
129 8.3 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

