

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041582.D
 Acq On : 22 Aug 2024 11:33
 Operator : SY/MD
 Sample : P3710-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CD131

Manual Integrations
 APPROVED

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

Quant Time: Aug 23 01:30:03 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 23 01:30:03 2024

QLast Update : Fri Aug 23 01:15:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	948361	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2493518	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2375519	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1814620	9.926	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	37230	0.228	ppbv	93
4) Chloromethane	2.828	50	44367	0.739	ppbv	95
9) Propene	2.719	41	207134m	3.994	ppbv	
10) Heptane	7.577	43	67964	0.583	ppbv	# 27
11) Trichlorofluoromethane	3.571	101	35757	0.247	ppbv	98
13) Ethanol	3.253	45	3122287	673.577	ppbv	96
15) Acetone	3.475	43	3906085	36.250	ppbv	# 83
17) tert-Butyl alcohol	3.896	59	187270m	1.906	ppbv	
19) Isopropyl Alcohol	3.587	45	3432879	54.494	ppbv	99
20) Methylene Chloride	3.941	84	153424	3.818	ppbv	98
22) trans-1,2-Dichloroethene	4.455	96	14453m	0.324	ppbv	
25) Ethyl Acetate	5.198	43	2518332	11.764	ppbv	# 77
26) Hexane	5.214	57	164796	1.856	ppbv	# 1
27) Carbon Disulfide	4.134	76	70679	0.680	ppbv	# 86
28) Methyl tert-Butyl Ether	4.590	73	7674	0.137	ppbv	# 77
29) Chloroform	5.278	83	65342	0.451	ppbv	93
30) Cyclohexane	6.600	84	57948m	0.801	ppbv	
34) 2-Butanone	4.787	43	491212	4.072	ppbv	99
35) Carbon Tetrachloride	6.487	117	10406m	0.076	ppbv	
36) Benzene	6.365	78	100220m	0.550	ppbv	
37) 1,2-Dichloroethane	5.809	62	131862	1.293	ppbv	# 94
38) Trichloroethene	7.285	130	5585m	0.067	ppbv	
43) Methyl Methacrylate	7.468	69	52936m	0.810	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	1617033	5.314	ppbv	96
50) 4-Methyl-2-Pentanone	8.179	43	79119	0.416	ppbv	95
52) Tetrachloroethene	10.603	164	119128	1.692	ppbv	94
53) Toluene	9.214	91	10397409	51.232	ppbv	94
58) Ethyl Benzene	12.076	91	508925	1.859	ppbv	100
59) m/p-Xylene	12.330	91	873069	3.694	ppbv	95
60) o-Xylene	13.047	91	358381	1.603	ppbv	99
61) Styrene	12.889	104	400936	3.975	ppbv	99
69) p-Isopropyltoluene	16.985	119	59953m	0.171	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	64691	0.245	ppbv	# 73
79) Naphthalene	21.371	128	30013m	0.129	ppbv	

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

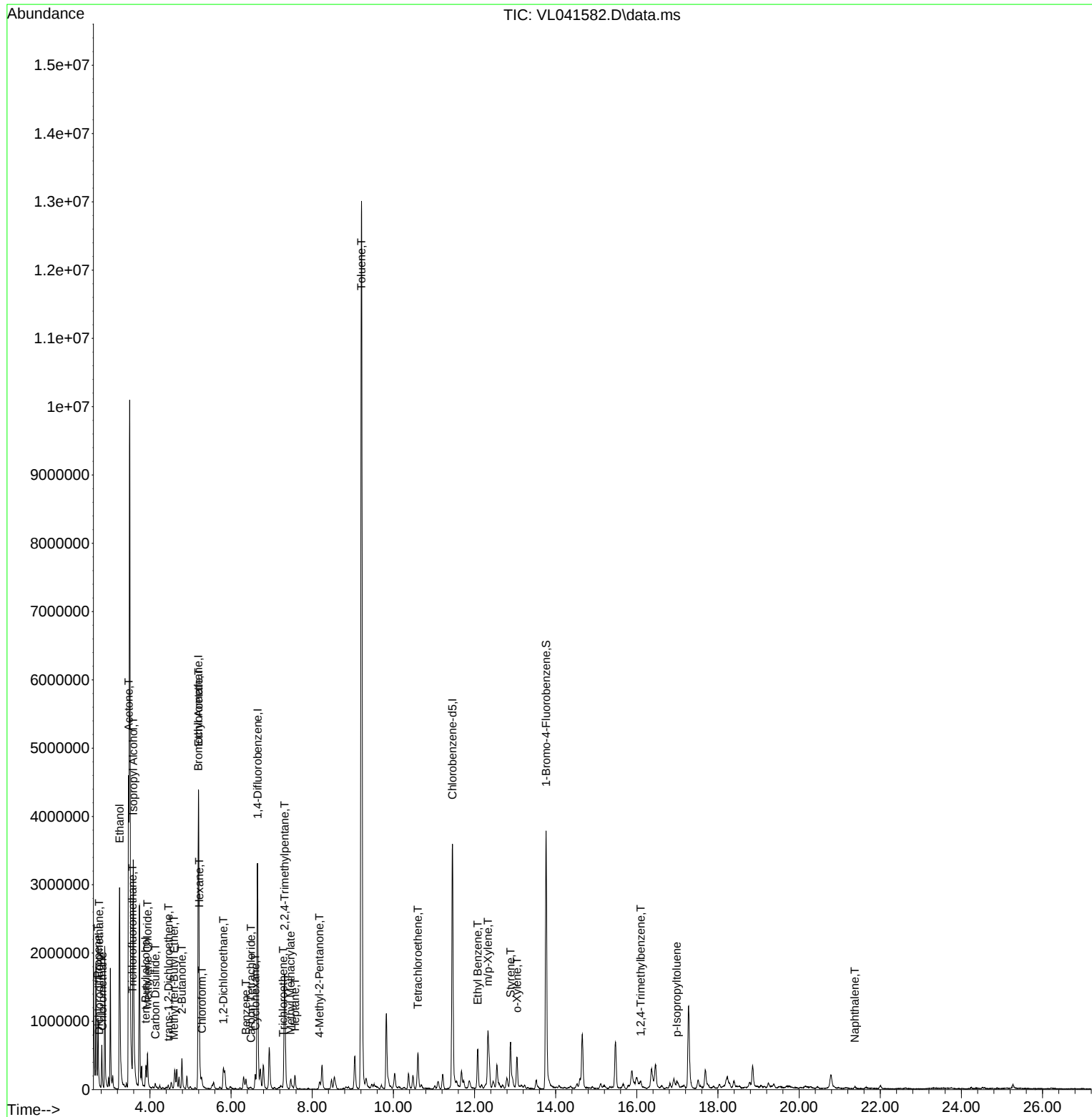
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Data File : VL041582.D
Acq On : 22 Aug 2024 11:33
Operator : SY/MD
Sample : P3710-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

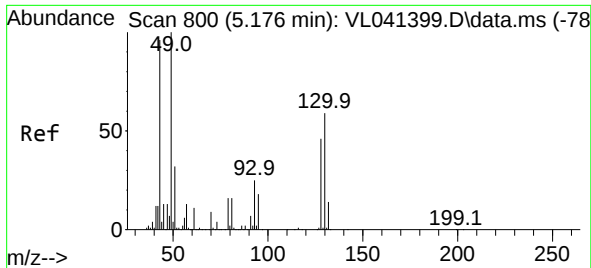
Instrument :
MSVOA_L
ClientSampleId :
CD131

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Quant Time: Aug 23 01:30:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 23 01:15:26 2024
Response via : Initial Calibration





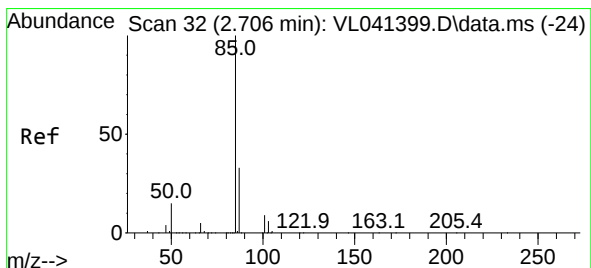
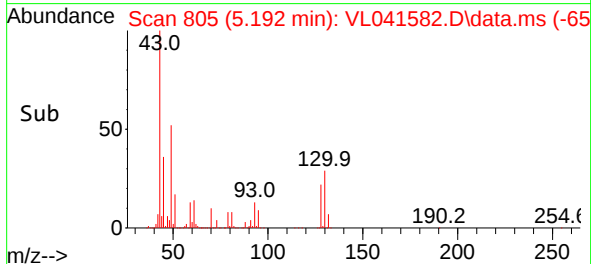
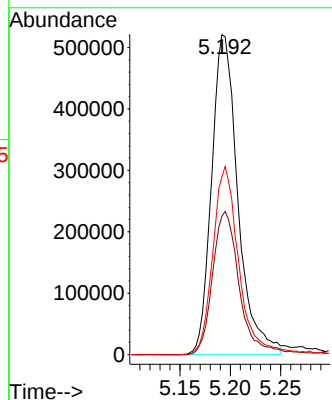
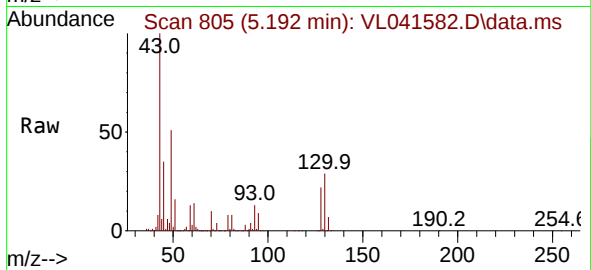
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 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL041582.D
 Acq: 22 Aug 2024 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 CD131

Tgt Ion: 49 Resp: 94836
 Ion Ratio Lower Upper
 49 100
 128 46.6 23.8 71.4
 130 59.5 30.8 92.4

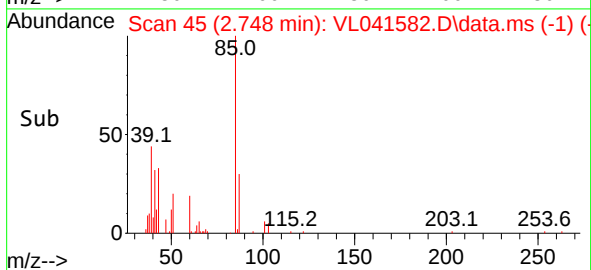
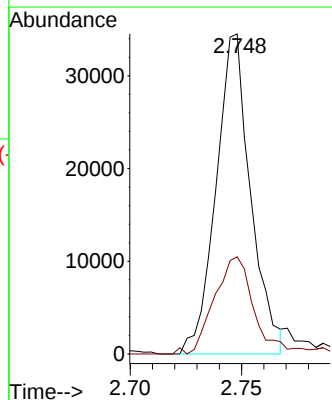
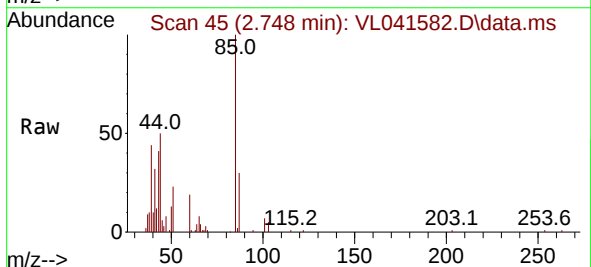
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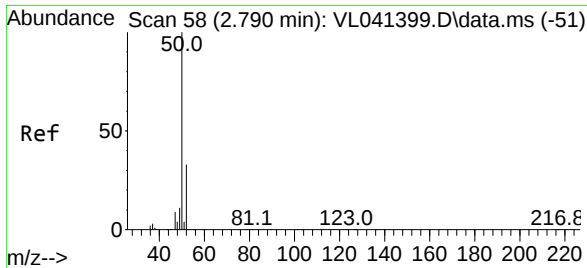
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#2
 Dichlorodifluoromethane
 Concen: 0.228 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. 0.003 min
 Lab File: VL041582.D
 Acq: 22 Aug 2024 11:33

Tgt Ion: 85 Resp: 37230
 Ion Ratio Lower Upper
 85 100
 87 28.4 26.0 39.0





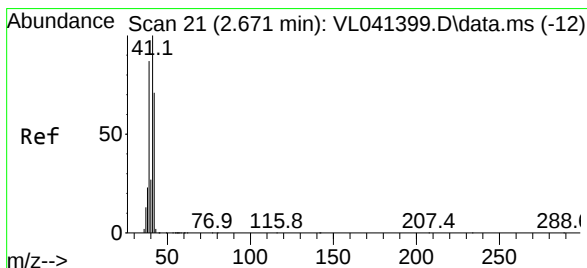
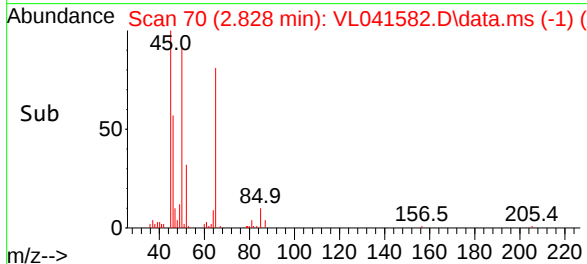
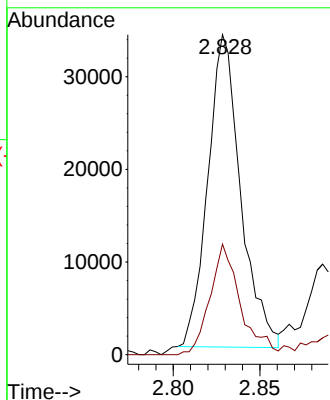
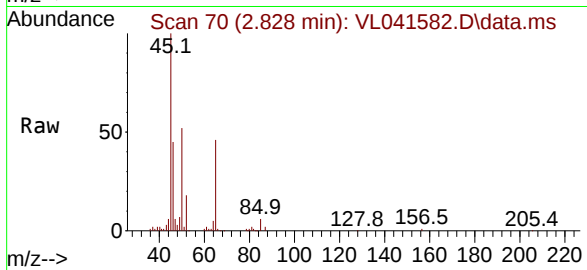
#4
Chloromethane
Concen: 0.739 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

Instrument :
MSVOA_L
ClientSampleId :
CD131

Tgt Ion: 50 Resp: 4436
Ion Ratio Lower Upper
50 100
52 35.5 26.1 39.1

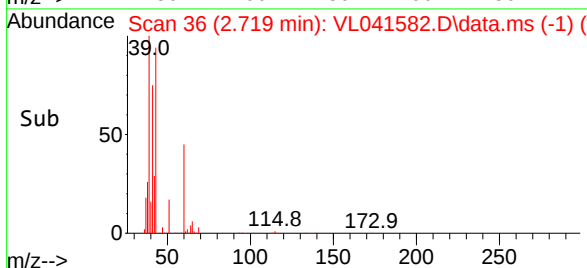
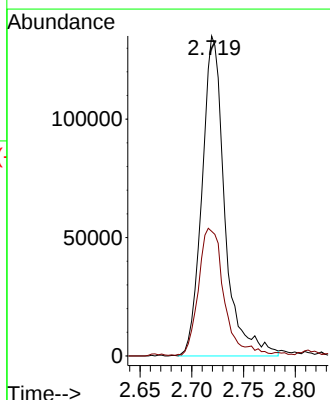
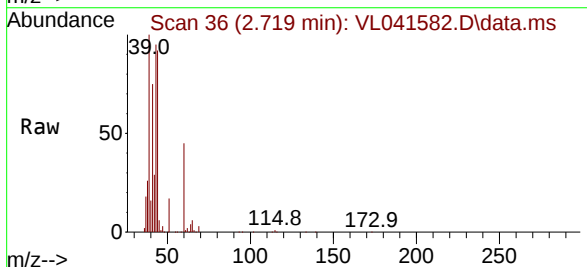
Manual Integrations
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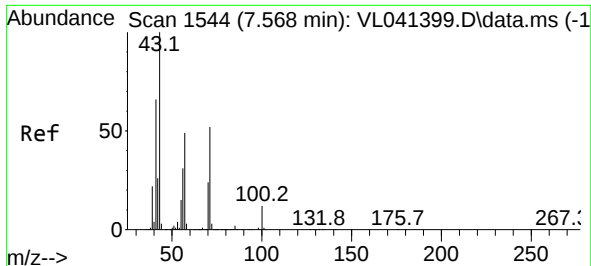
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#9
Propene
Concen: 3.994 ppbv m
RT: 2.719 min Scan# 36
Delta R.T. 0.010 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

Tgt Ion: 41 Resp: 207134
Ion Ratio Lower Upper
41 100
42 181.6 55.9 83.9#





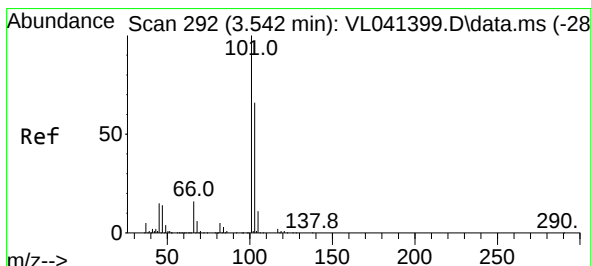
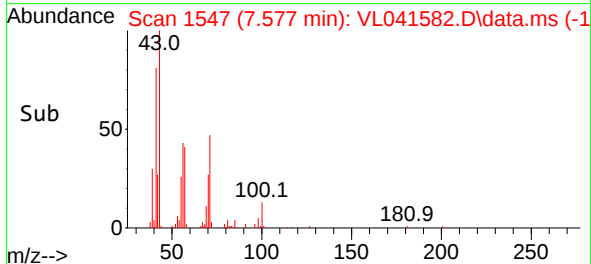
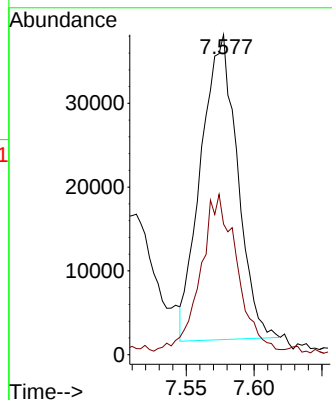
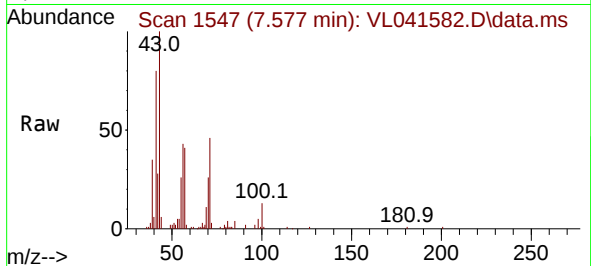
#10
Heptane
Concen: 0.583 ppbv
RT: 7.577 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

Instrument :
MSVOA_L
ClientSampleId :
CD131

Tgt Ion: 43 Resp: 67964
Ion Ratio Lower Upper
43 100
57 0.0 40.5 60.7

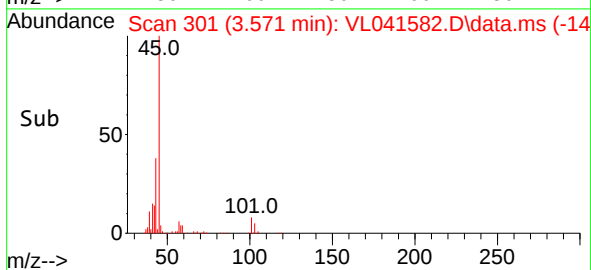
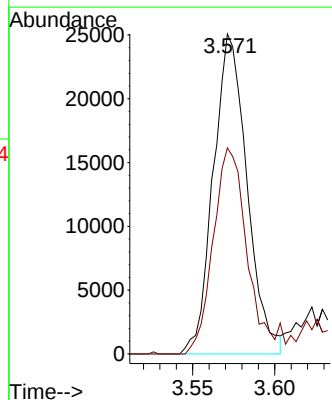
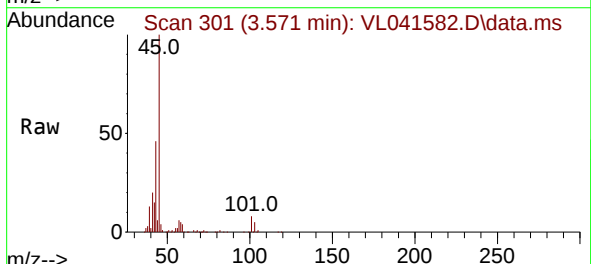
Manual Integrations
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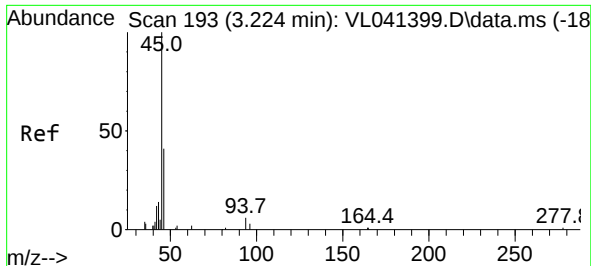
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#11
Trichlorofluoromethane
Concen: 0.247 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

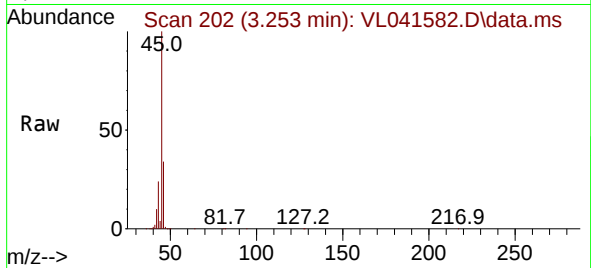
Tgt Ion:101 Resp: 35757
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0





#13
Ethanol
Concen: 673.577 ppbv
RT: 3.253 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

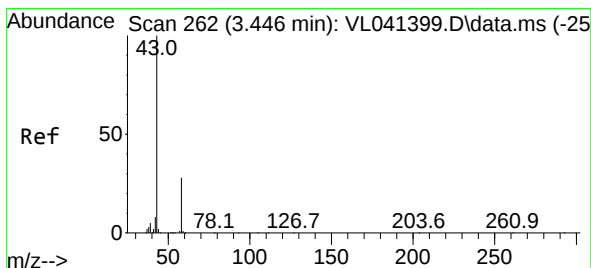
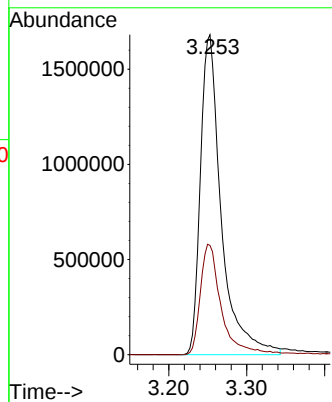
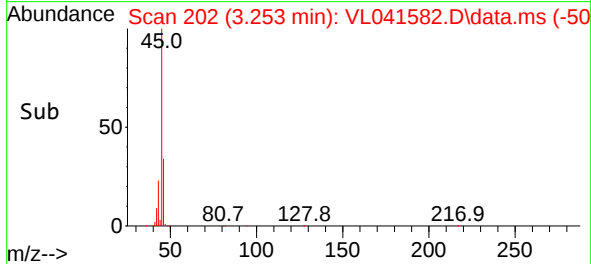
Instrument :
MSVOA_L
ClientSampleId :
CD131



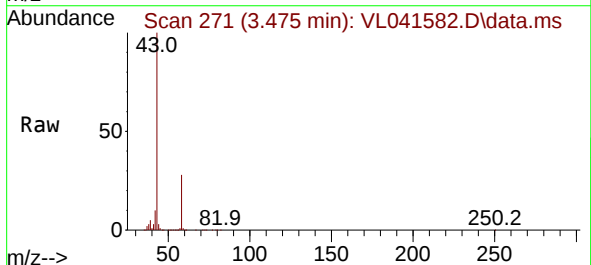
Tgt Ion: 45 Resp: 312228
Ion Ratio Lower Upper
45 100
46 35.6 13.4 53.4

Manual Integrations
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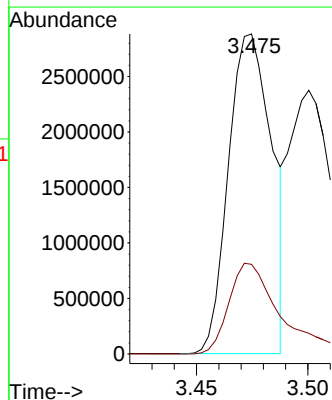
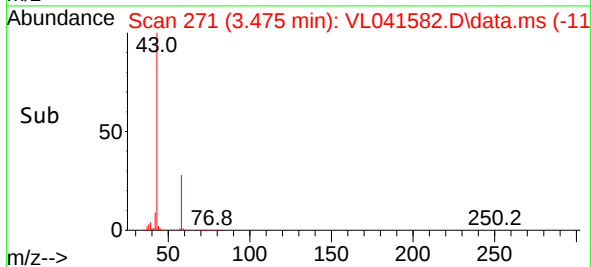
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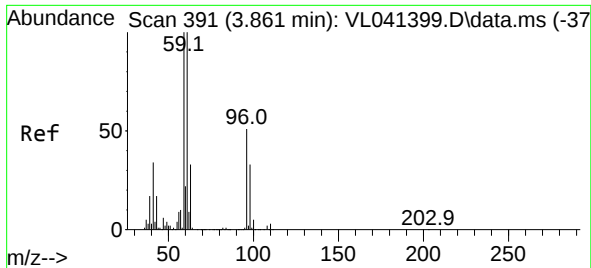


#15
Acetone
Concen: 36.250 ppbv
RT: 3.475 min Scan# 271
Delta R.T. -0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33



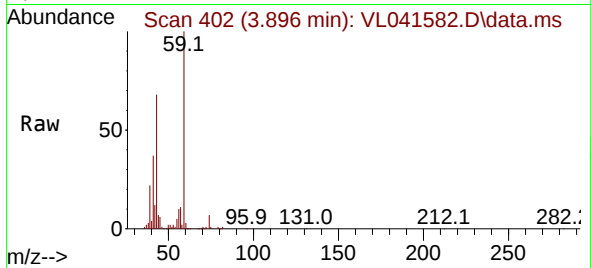
Tgt Ion: 43 Resp: 3906085
Ion Ratio Lower Upper
43 100
58 35.3 21.4 32.2#





#17
tert-Butyl alcohol
Concen: 1.906 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.013 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

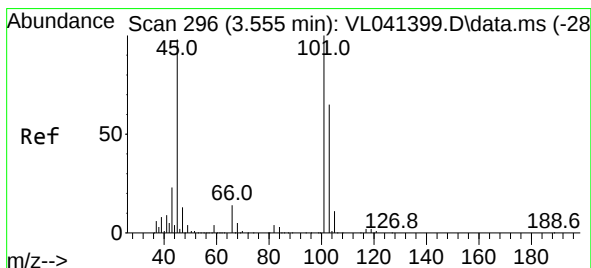
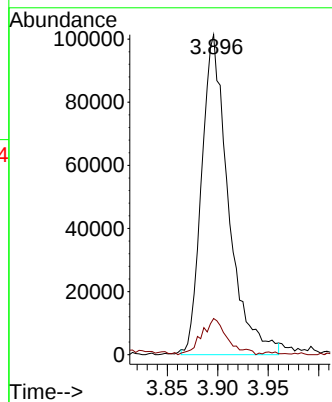
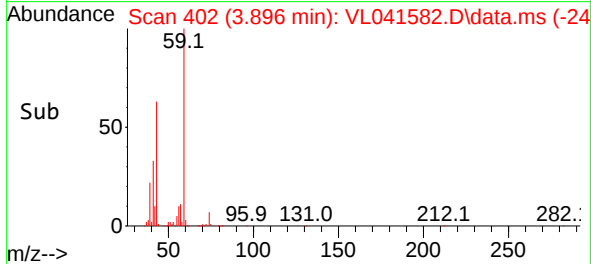
Instrument :
MSVOA_L
ClientSampleId :
CD131



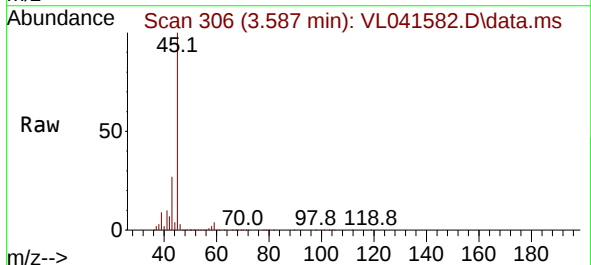
Tgt Ion: 59 Resp: 187270
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
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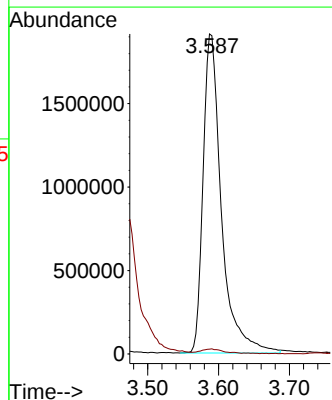
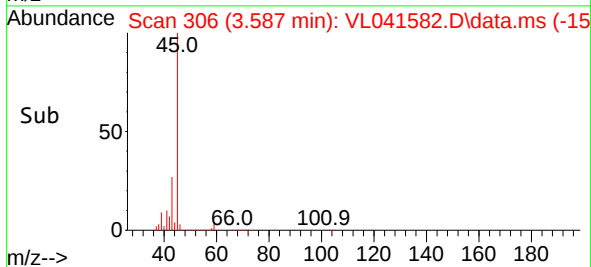
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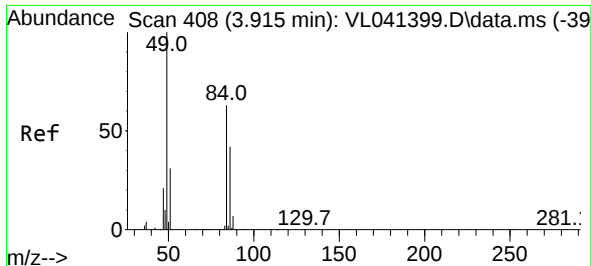


#19
Isopropyl Alcohol
Concen: 54.494 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33



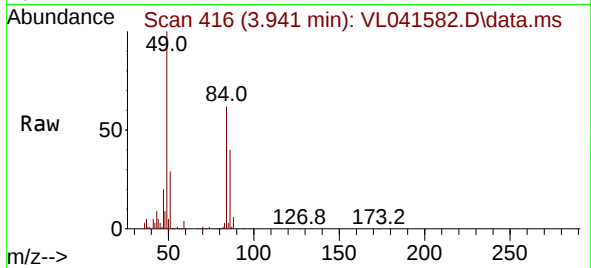
Tgt Ion: 45 Resp: 3432879
Ion Ratio Lower Upper
45 100
58 2.0 1.9 2.9





#20
Methylene Chloride
Concen: 3.818 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

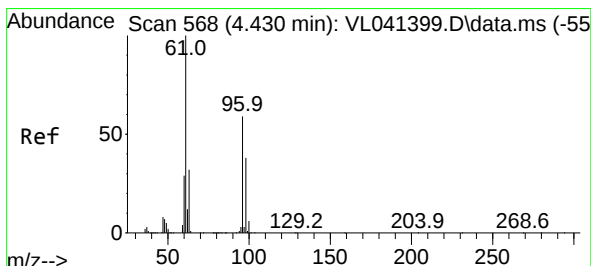
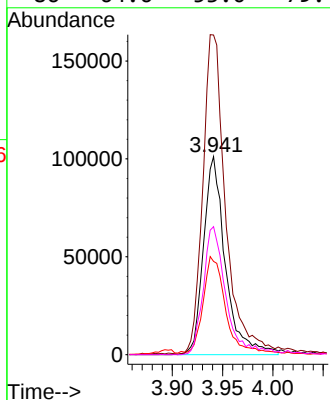
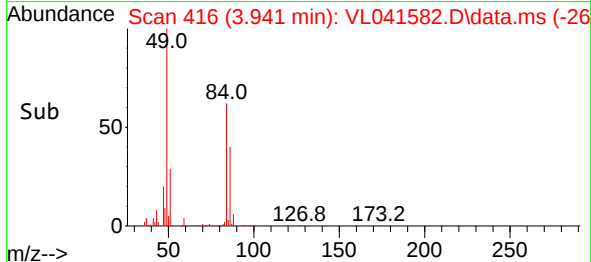
Instrument :
MSVOA_L
ClientSampleId :
CD131



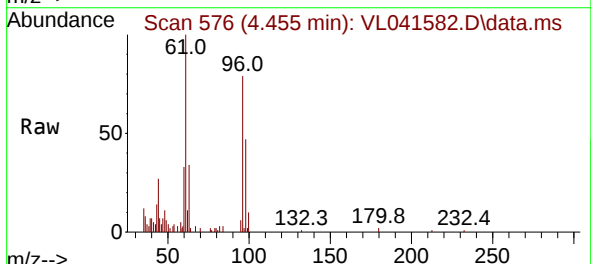
Tgt Ion: 84 Resp: 153424
Ion Ratio Lower Upper
84 100
49 161.0 126.6 190.0
51 46.0 38.6 58.0
86 64.6 53.0 79.4

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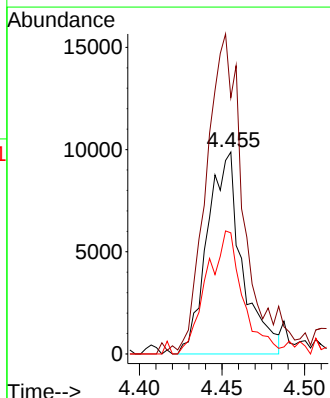
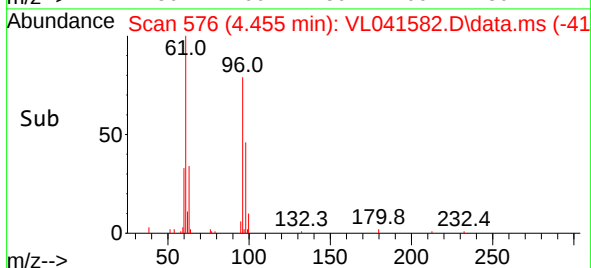
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

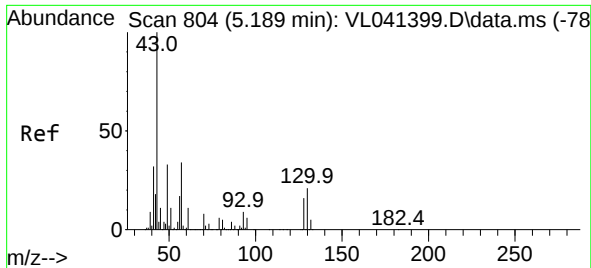


#22
trans-1,2-Dichloroethene
Concen: 0.324 ppbv m
RT: 4.455 min Scan# 576
Delta R.T. 0.006 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33



Tgt Ion: 96 Resp: 14453
Ion Ratio Lower Upper
96 100
61 126.9 135.4 203.2#
98 60.0 51.0 76.4





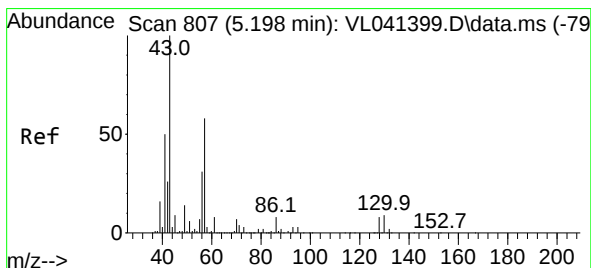
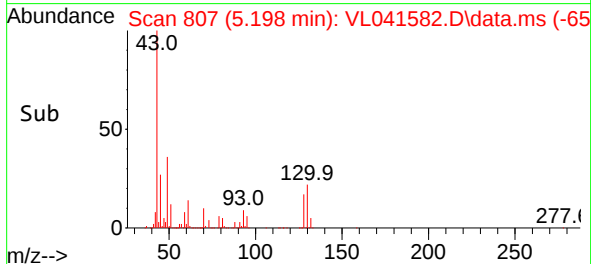
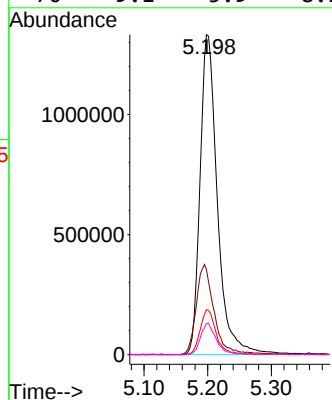
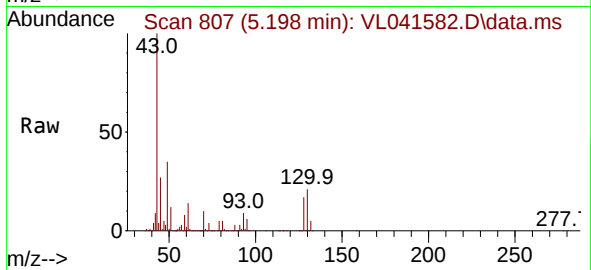
#25
Ethyl Acetate
Concen: 11.764 ppbv
RT: 5.198 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

Instrument : MSVOA_L
ClientSampleId : CD131

Tgt Ion: 43 Resp: 251833
Ion Ratio Lower Upper
43 100
45 29.3 8.5 12.7
61 13.4 8.0 12.0
70 9.1 5.9 8.9

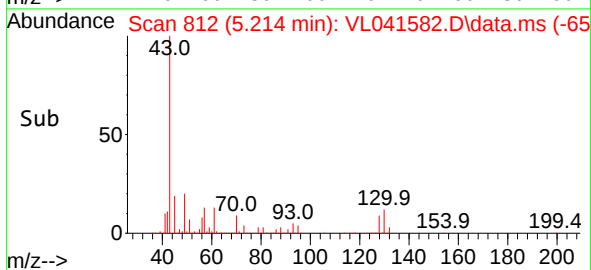
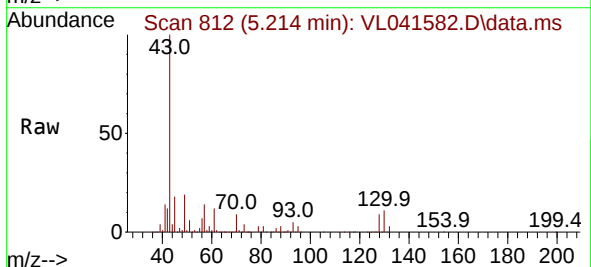
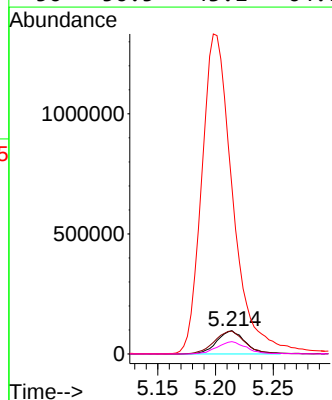
Manual Integrations
APPROVED

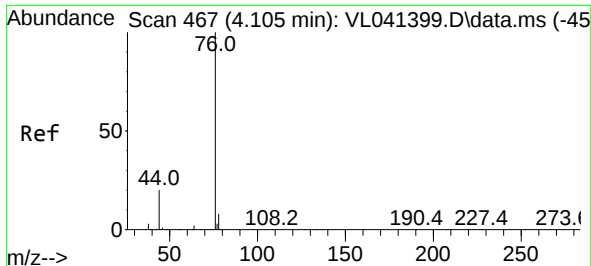
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#26
Hexane
Concen: 1.856 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

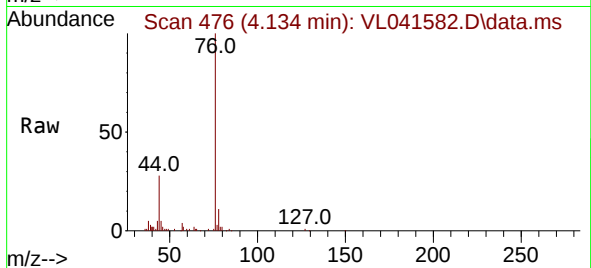
Tgt Ion: 57 Resp: 164796
Ion Ratio Lower Upper
57 100
41 110.6 74.0 111.0
43 1534.6 193.6 290.4
56 56.5 43.1 64.7





#27
Carbon Disulfide
Concen: 0.680 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

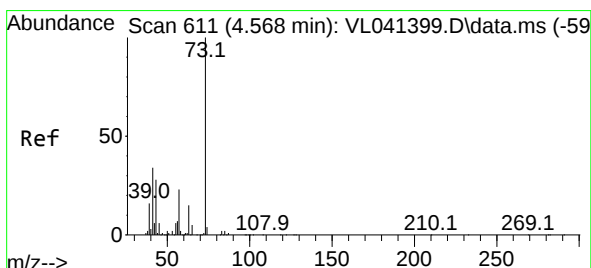
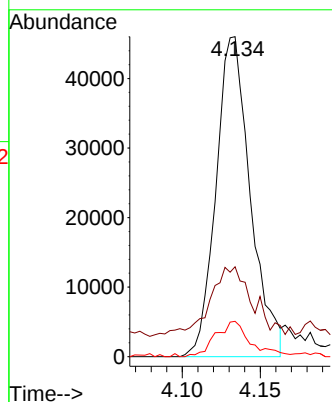
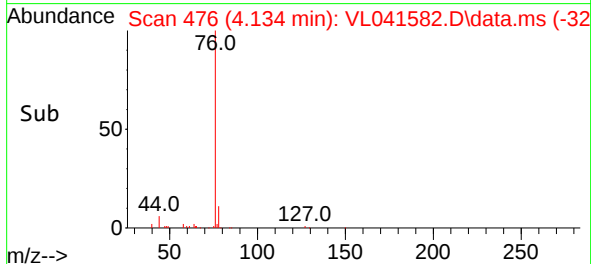
Instrument :
MSVOA_L
ClientSampleId :
CD131



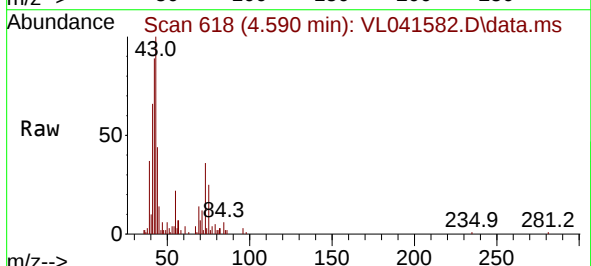
Tgt Ion: 76 Resp: 70679
Ion Ratio Lower Upper
76 100
44 27.4 15.6 23.4
78 12.8 7.7 11.5

Manual Integrations
APPROVED

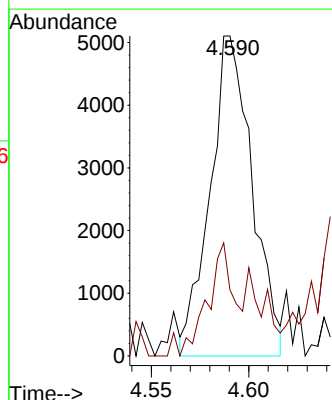
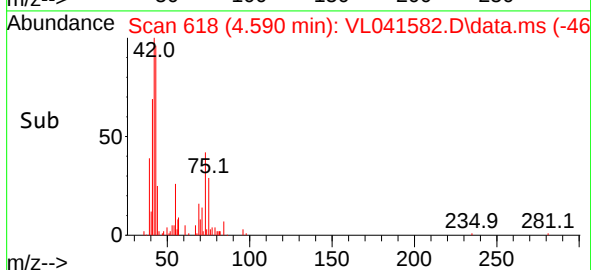
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

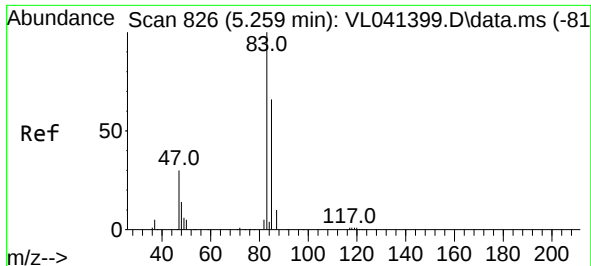


#28
Methyl tert-Butyl Ether
Concen: 0.137 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33



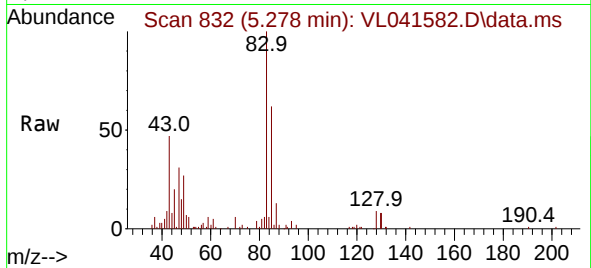
Tgt Ion: 73 Resp: 7674
Ion Ratio Lower Upper
73 100
57 35.0 18.9 28.3





#29
Chloroform
Concen: 0.451 ppbv
RT: 5.278 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

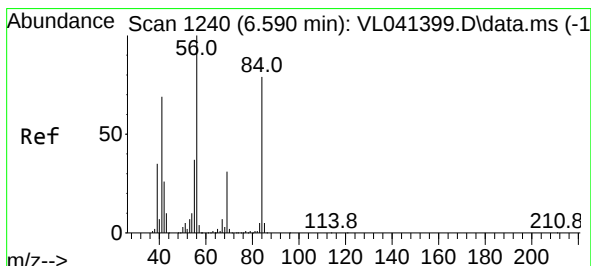
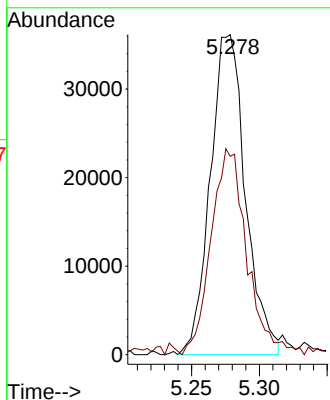
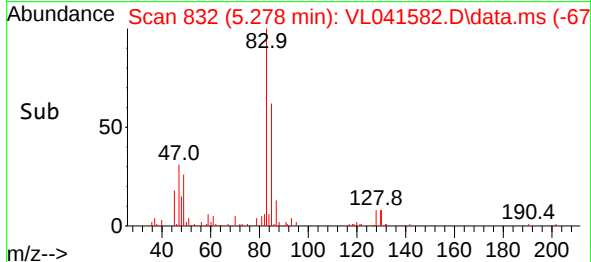
Instrument :
MSVOA_L
ClientSampleId :
CD131



Tgt Ion: 83 Resp: 6534
Ion Ratio Lower Upper
83 100
85 61.0 53.1 79.7

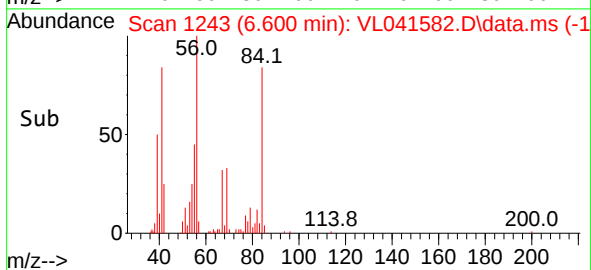
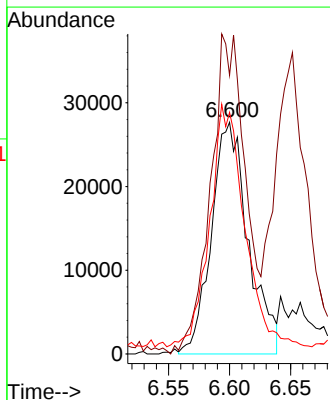
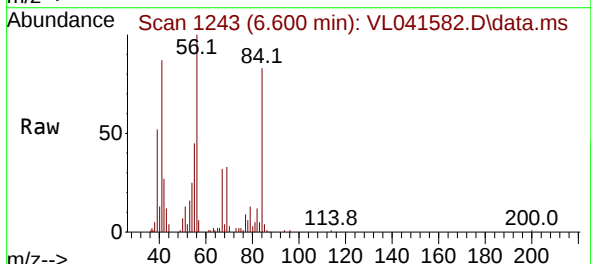
Manual Integrations
APPROVED

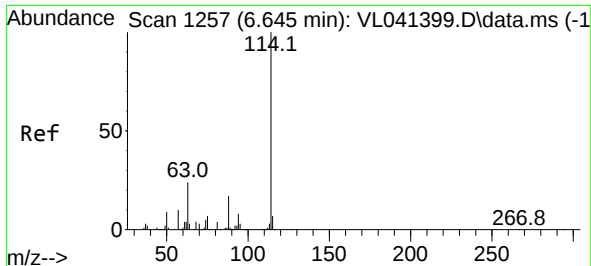
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#30
Cyclohexane
Concen: 0.801 ppbv m
RT: 6.600 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

Tgt Ion: 84 Resp: 57948
Ion Ratio Lower Upper
84 100
56 128.2 111.2 166.8
41 99.0 70.3 105.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041582.D

Acq: 22 Aug 2024 11:33

Instrument :

MSVOA_L

ClientSampleId :

CD131

Tgt Ion:114 Resp: 2493518

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

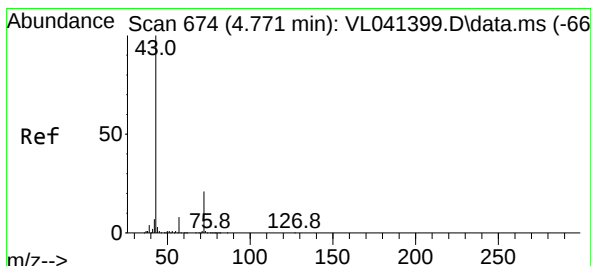
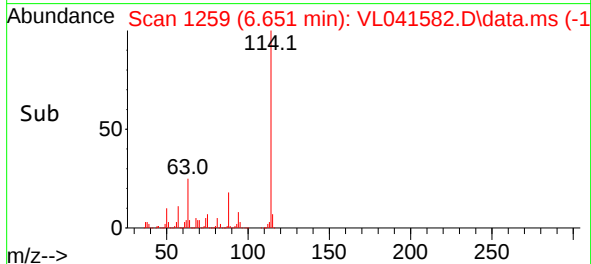
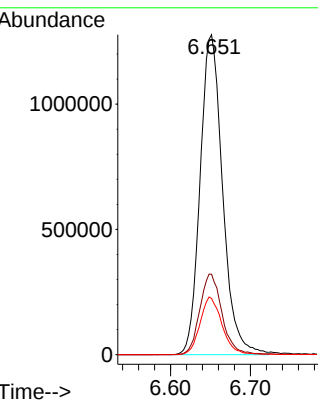
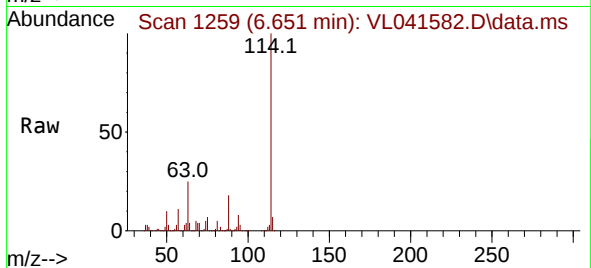
88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#34

2-Butanone

Concen: 4.072 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.000 min

Lab File: VL041582.D

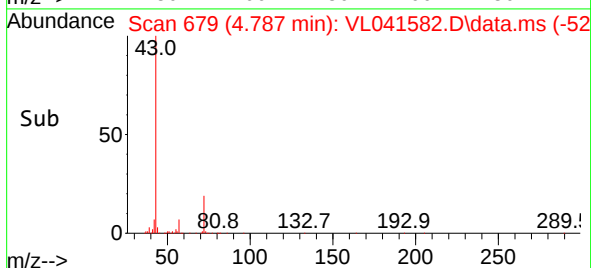
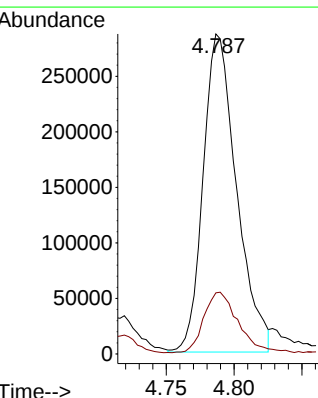
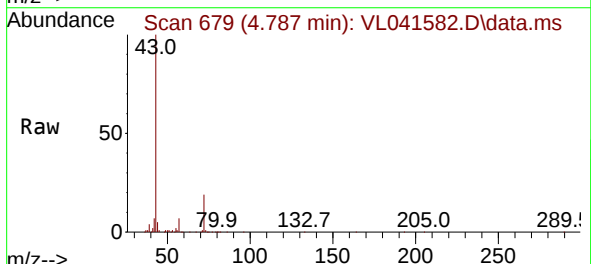
Acq: 22 Aug 2024 11:33

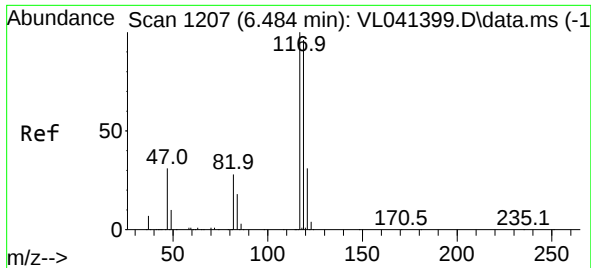
Tgt Ion: 43 Resp: 491212

Ion Ratio Lower Upper

43 100

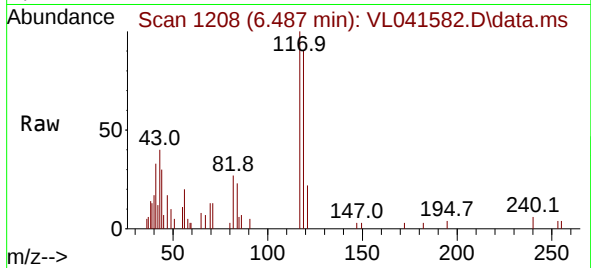
72 21.8 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.076 ppbv m
RT: 6.487 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

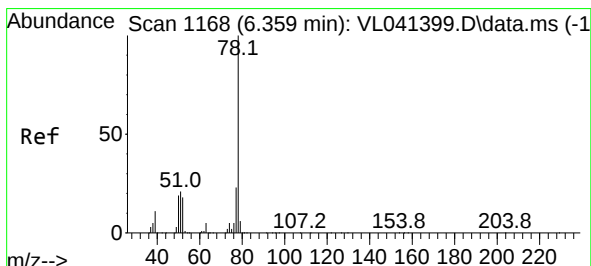
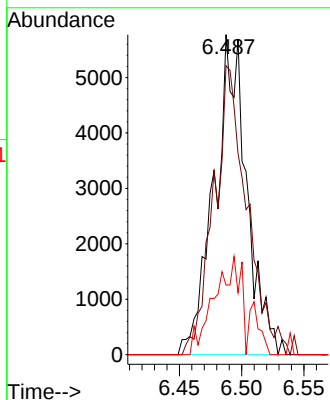
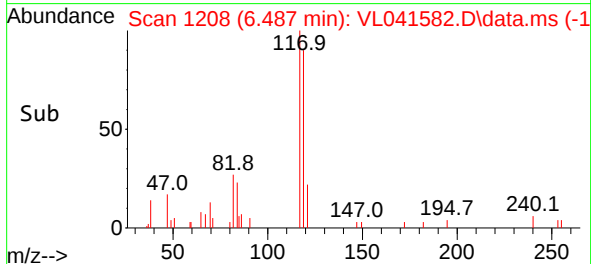
Instrument :
MSVOA_L
ClientSampleId :
CD131



Tgt Ion: 117 Resp: 10400
Ion Ratio Lower Upper
117 100
119 90.3 76.6 115.0
121 21.8 25.1 37.7

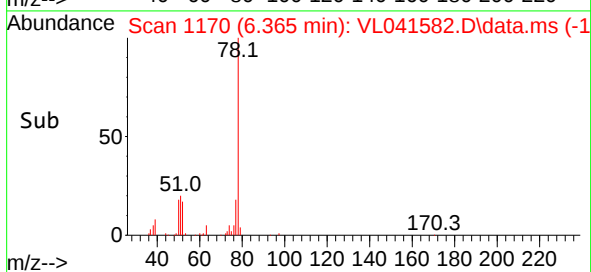
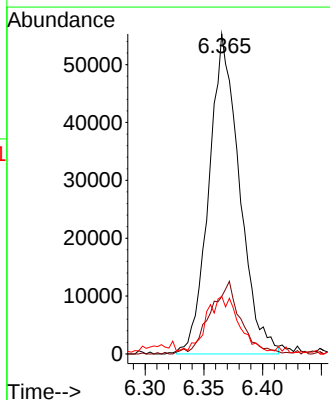
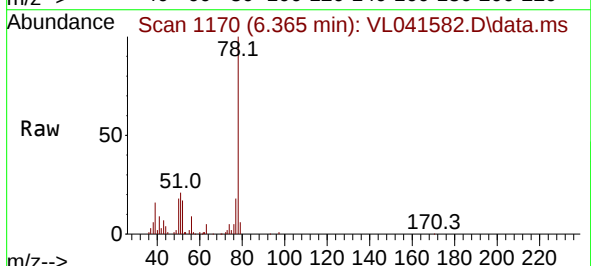
Manual Integrations
APPROVED

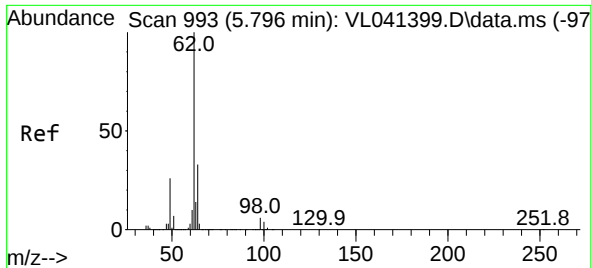
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#36
Benzene
Concen: 0.550 ppbv m
RT: 6.365 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

Tgt Ion: 78 Resp: 100220
Ion Ratio Lower Upper
78 100
77 18.0 18.1 27.1#
50 18.0 15.5 23.3





#37

1,2-Dichloroethane

Concen: 1.293 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.003 min

Lab File: VL041582.D

Acq: 22 Aug 2024 11:33

Instrument :

MSVOA_L

ClientSampleId :

CD131

Tgt Ion: 62 Resp: 131862

Ion Ratio Lower Upper

62 100

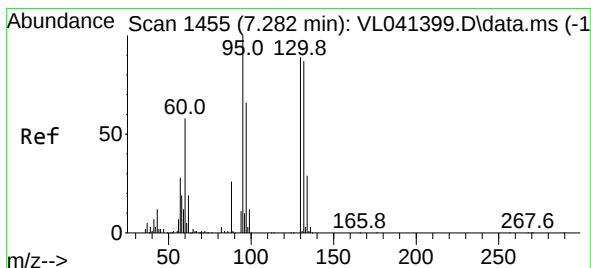
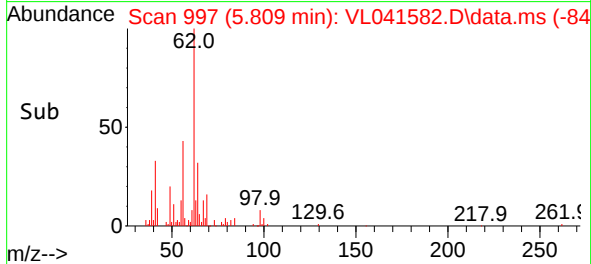
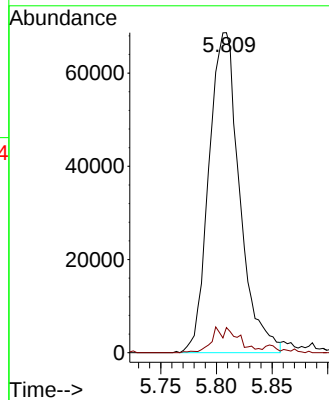
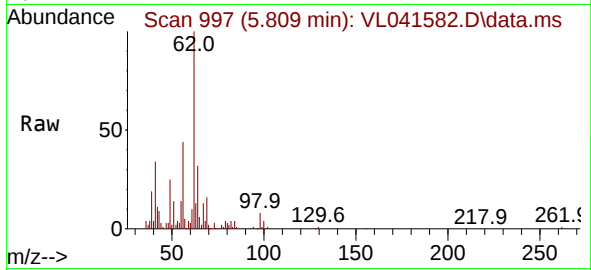
98 8.1 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#38

Trichloroethene

Concen: 0.067 ppbv m

RT: 7.285 min Scan# 1456

Delta R.T. -0.000 min

Lab File: VL041582.D

Acq: 22 Aug 2024 11:33

Tgt Ion:130 Resp: 5585

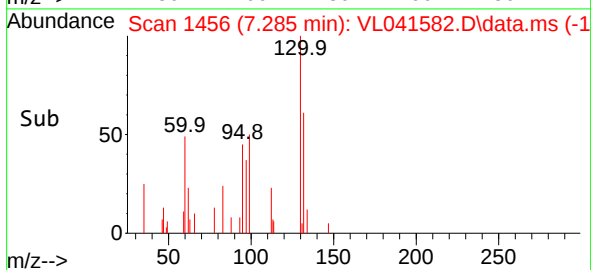
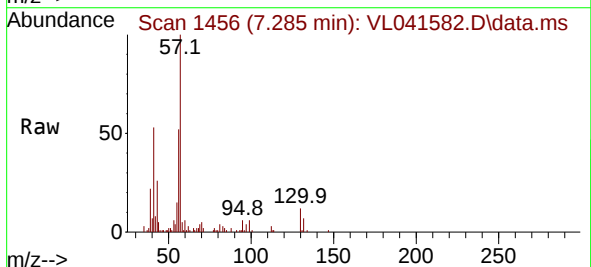
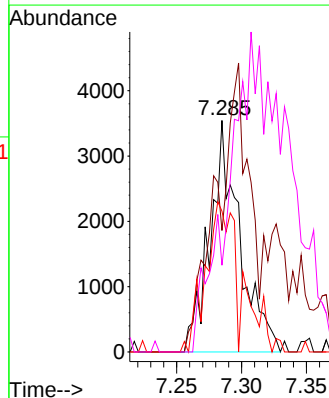
Ion Ratio Lower Upper

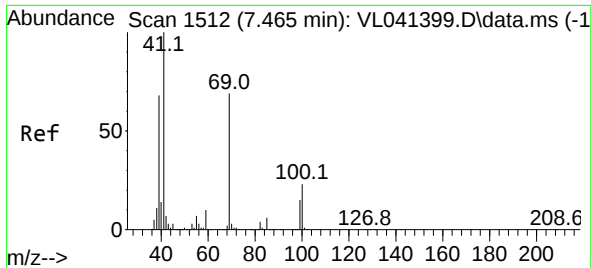
130 100

95 52.4 90.2 135.2#

132 60.8 78.1 117.1#

97 37.5 59.7 89.5#





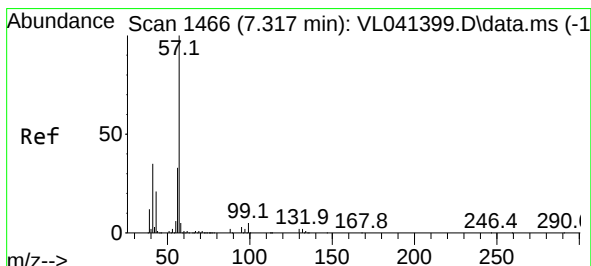
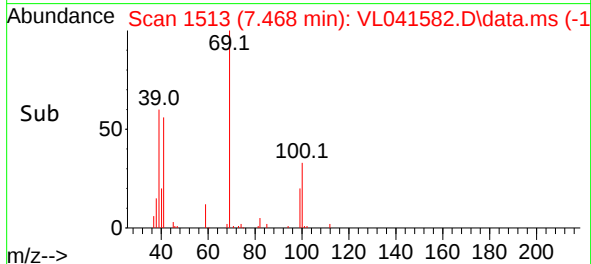
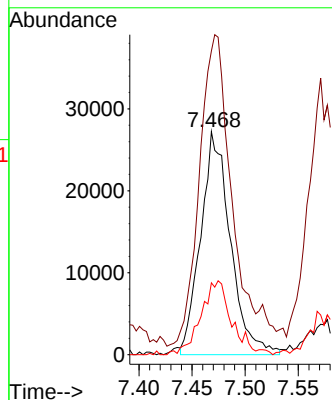
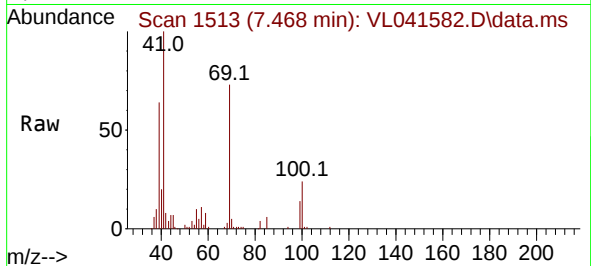
#43
Methyl Methacrylate
Concen: 0.810 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

Instrument :
MSVOA_L
ClientSampleId :
CD131

Tgt Ion: 69 Resp: 52930
Ion Ratio Lower Upper
69 100
41 154.7 118.7 178.1
100 35.4 27.0 40.4

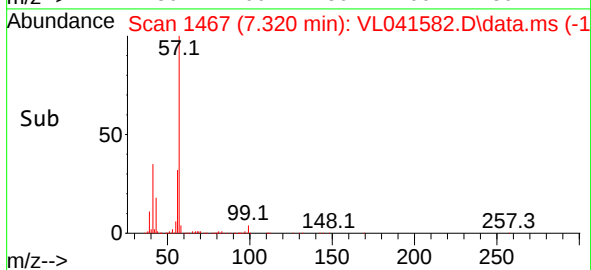
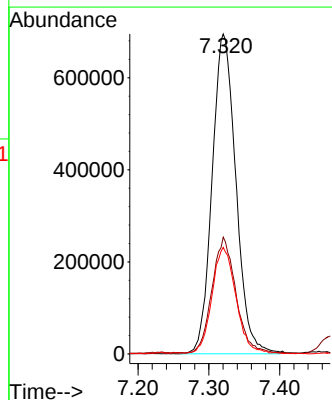
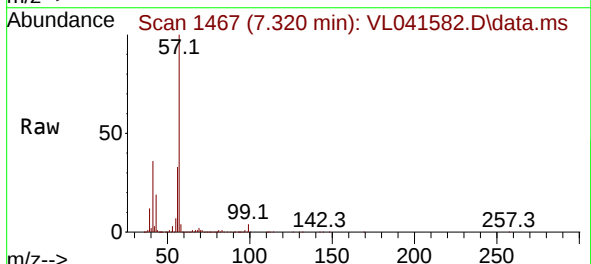
Manual Integrations
APPROVED

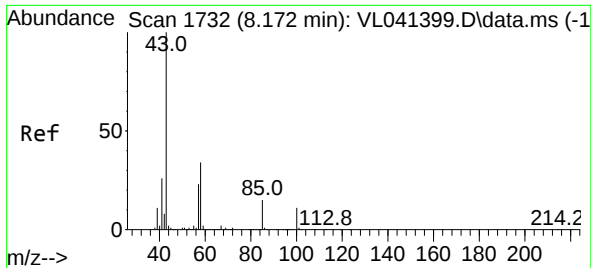
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#44
2,2,4-Trimethylpentane
Concen: 5.314 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

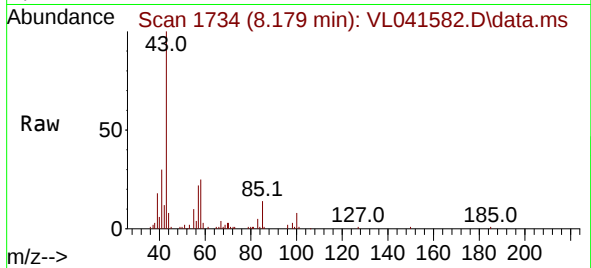
Tgt Ion: 57 Resp: 1617033
Ion Ratio Lower Upper
57 100
41 36.5 27.0 40.6
56 33.7 25.2 37.8





#50
4-Methyl-2-Pentanone
Concen: 0.416 ppbv
RT: 8.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

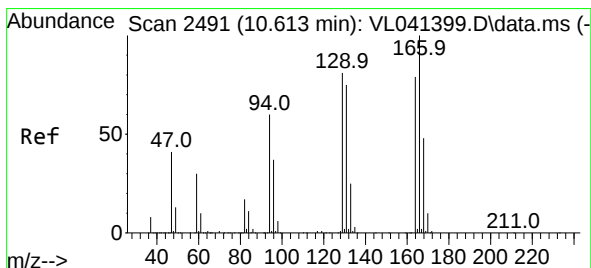
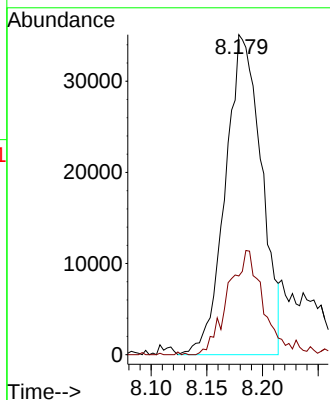
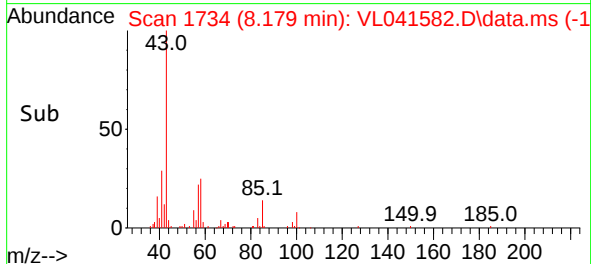
Instrument :
MSVOA_L
ClientSampleId :
CD131



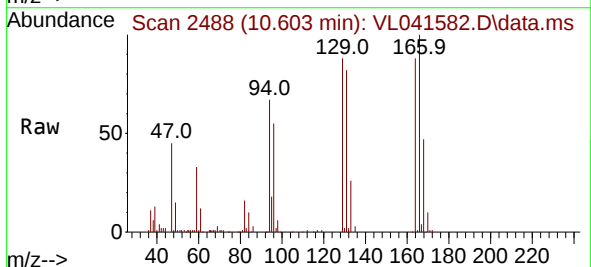
Tgt Ion: 43 Resp: 79119
Ion Ratio Lower Upper
43 100
58 32.2 27.9 41.9

Manual Integrations
APPROVED

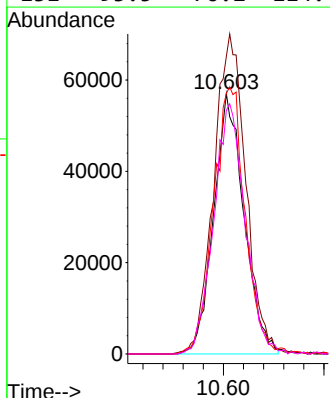
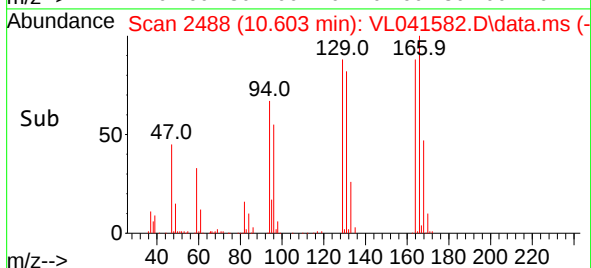
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

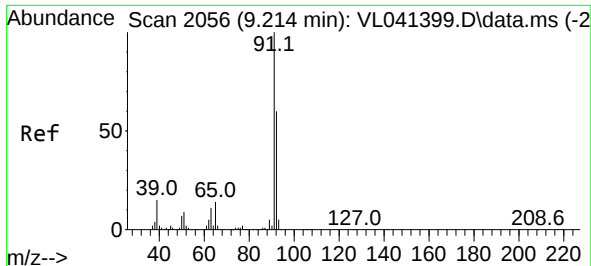


#52
Tetrachloroethene
Concen: 1.692 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33



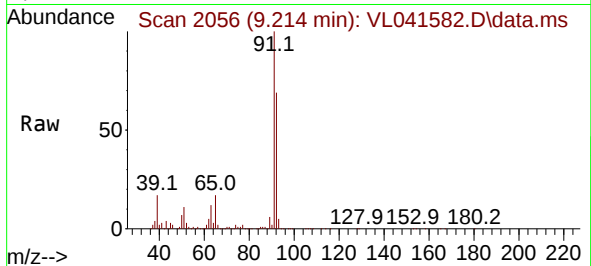
Tgt Ion:164 Resp: 119128
Ion Ratio Lower Upper
164 100
166 113.7 101.1 151.7
129 99.7 81.7 122.5
131 93.5 76.2 114.4





#53
Toluene
Concen: 51.232 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

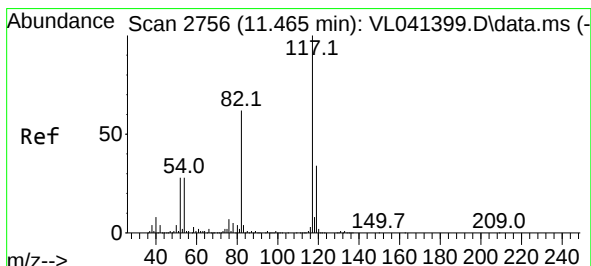
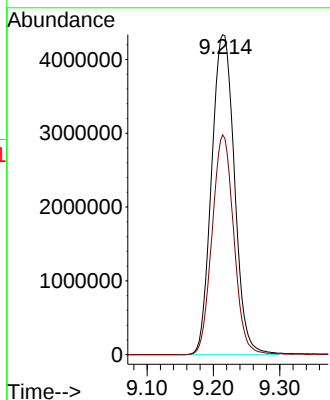
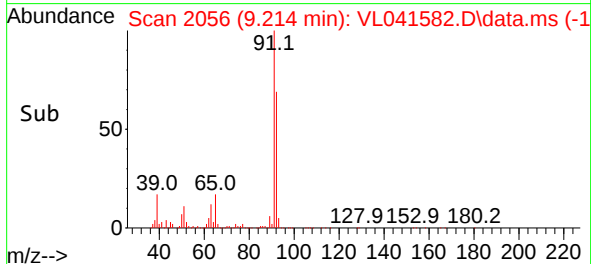
Instrument :
MSVOA_L
ClientSampleId :
CD131



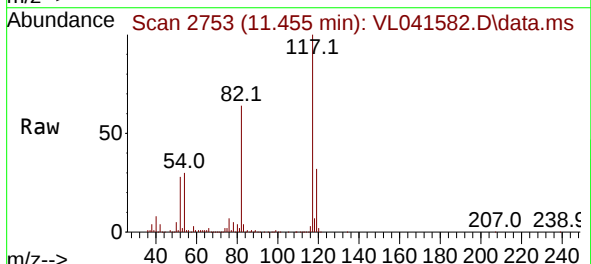
Tgt Ion: 91 Resp: 10397409
Ion Ratio Lower Upper
91 100
92 65.3 48.7 73.1

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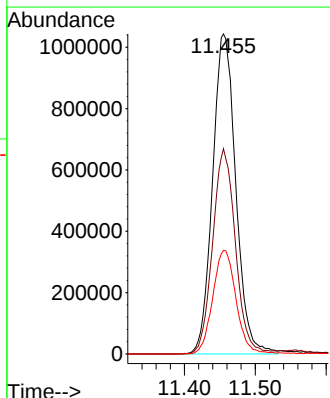
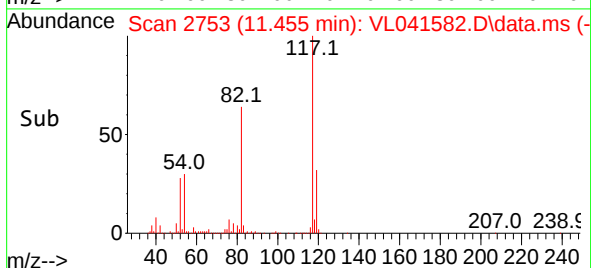
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

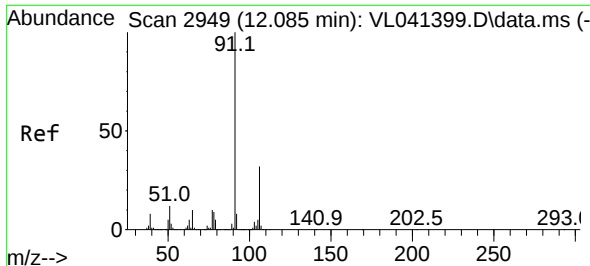


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. -0.000 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33



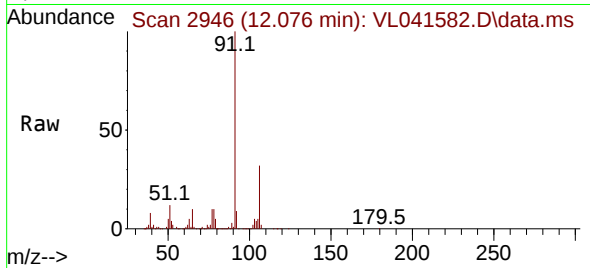
Tgt Ion: 117 Resp: 2375519
Ion Ratio Lower Upper
117 100
82 63.1 51.0 76.6
119 32.7 45.2 67.8#





#58
Ethyl Benzene
Concen: 1.859 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.000 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

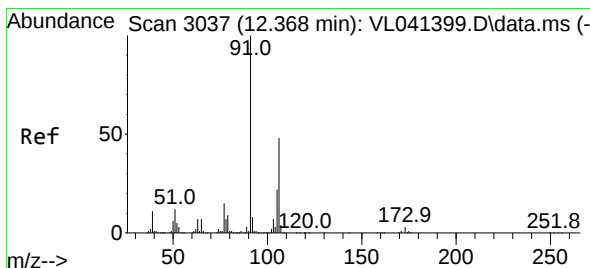
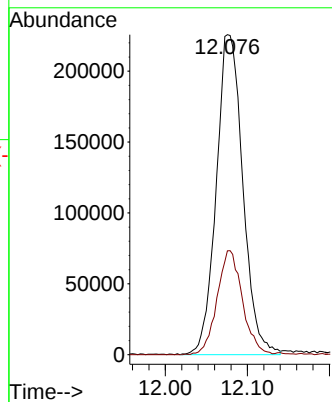
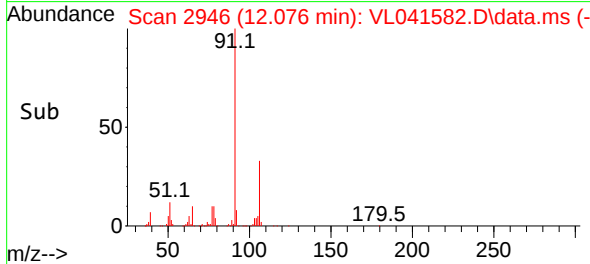
Instrument :
MSVOA_L
ClientSampleId :
CD131



Tgt Ion: 91 Resp: 508925
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.8

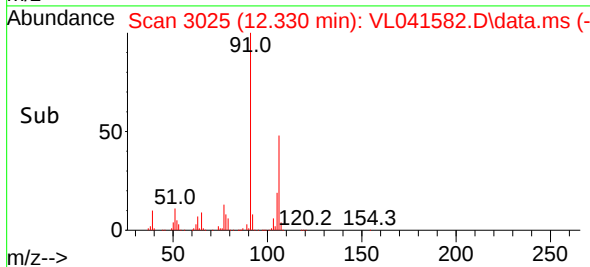
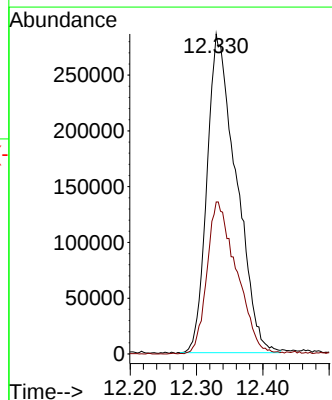
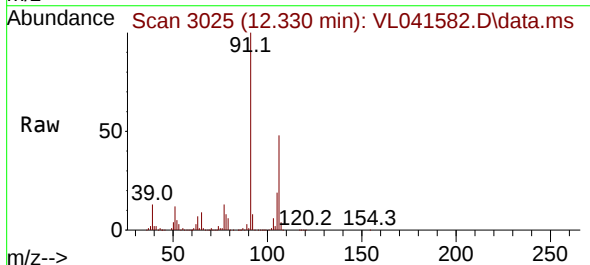
Manual Integrations
APPROVED

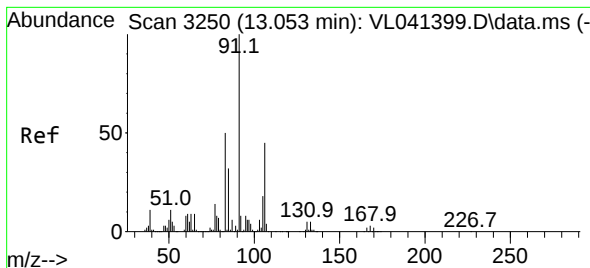
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#59
m/p-Xylene
Concen: 3.694 ppbv
RT: 12.330 min Scan# 3025
Delta R.T. -0.029 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

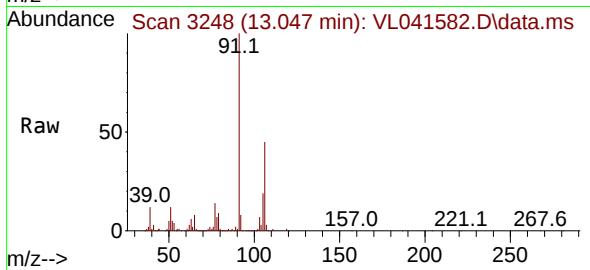
Tgt Ion: 91 Resp: 873069
Ion Ratio Lower Upper
91 100
106 48.9 36.3 54.5





#60
o-Xylene
Concen: 1.603 ppbv
RT: 13.047 min Scan# 3199
Delta R.T. -0.000 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

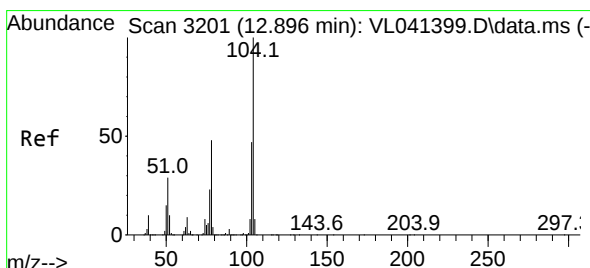
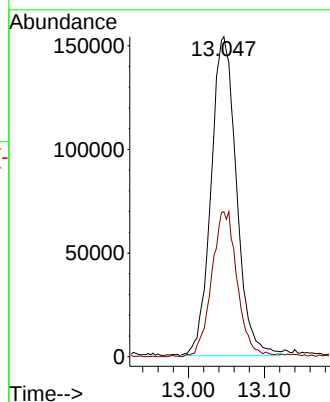
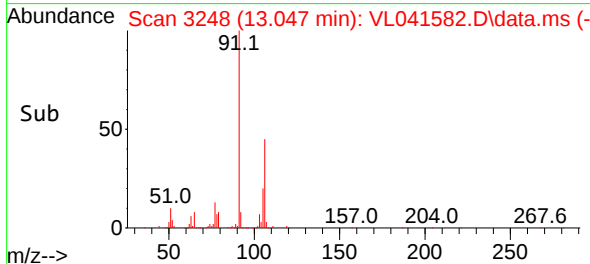
Instrument :
MSVOA_L
ClientSampleId :
CD131



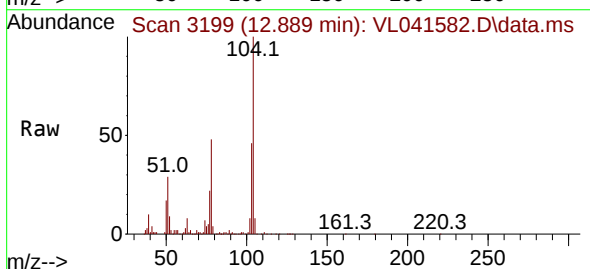
Tgt Ion: 91 Resp: 35838
Ion Ratio Lower Upper
91 100
106 46.9 23.1 69.3

Manual Integrations
APPROVED

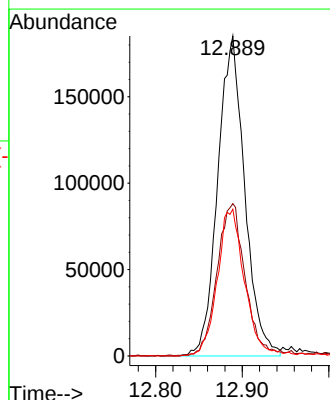
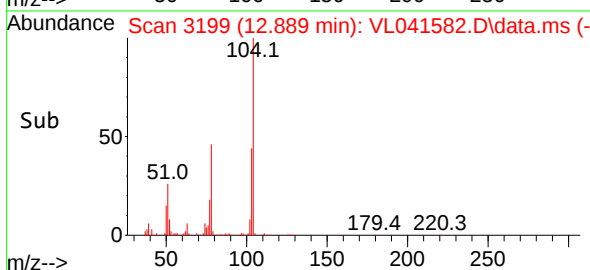
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

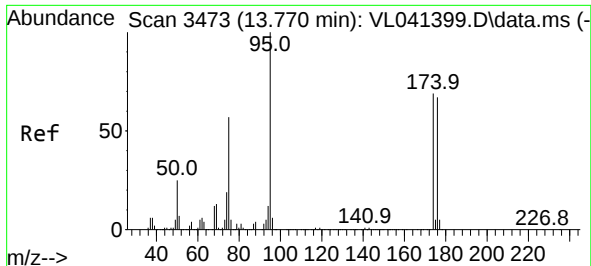


#61
Styrene
Concen: 3.975 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. 0.006 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33



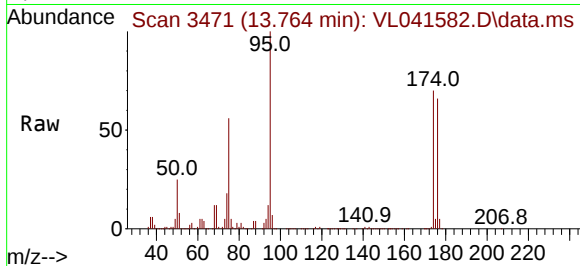
Tgt Ion:104 Resp: 400936
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 47.0 38.2 57.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.926 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.000 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33

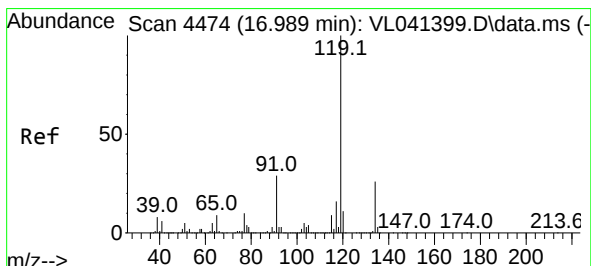
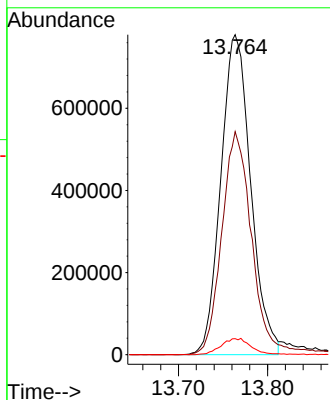
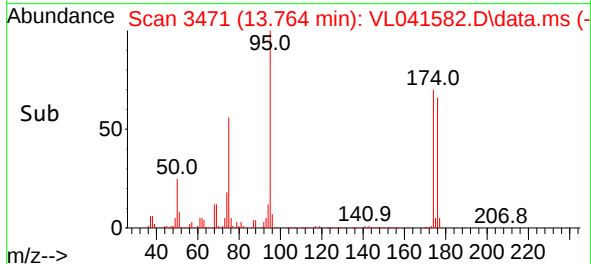
Instrument :
MSVOA_L
ClientSampleId :
CD131



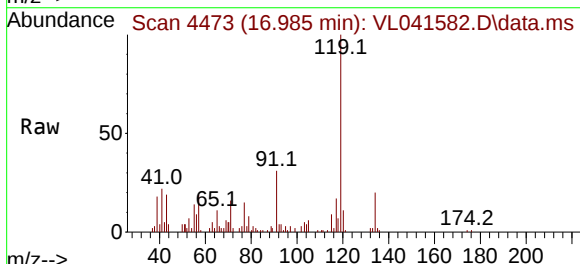
Tgt Ion: 95 Resp: 1814620
Ion Ratio Lower Upper
95 100
174 71.7 56.3 84.5
175 5.2 4.0 6.0

Manual Integrations
APPROVED

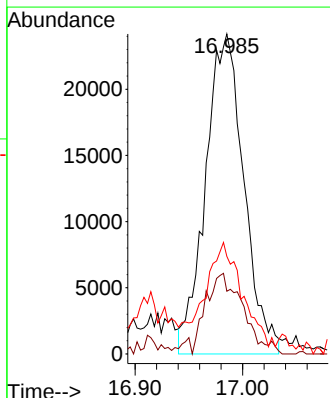
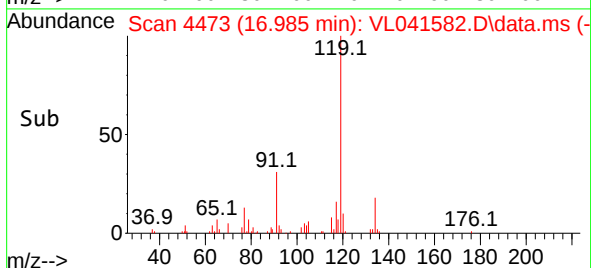
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

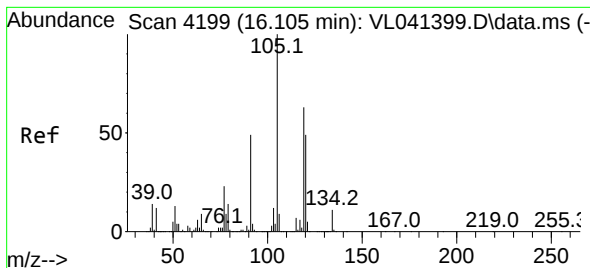


#69
p-Isopropyltoluene
Concen: 0.171 ppbv m
RT: 16.985 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VL041582.D
Acq: 22 Aug 2024 11:33



Tgt Ion:119 Resp: 59953
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 32.7 23.2 34.8





#74

1,2,4-Trimethylbenzene

Concen: 0.245 ppbv

RT: 16.098 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL041582.D

Acq: 22 Aug 2024 11:33

Instrument :

MSVOA_L

ClientSampleId :

CD131

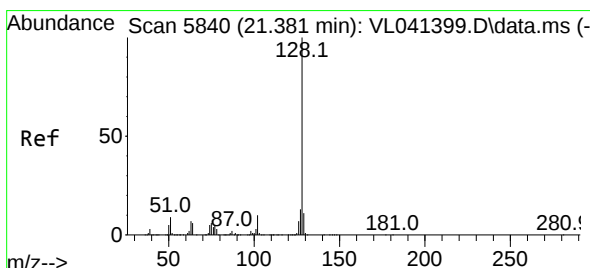
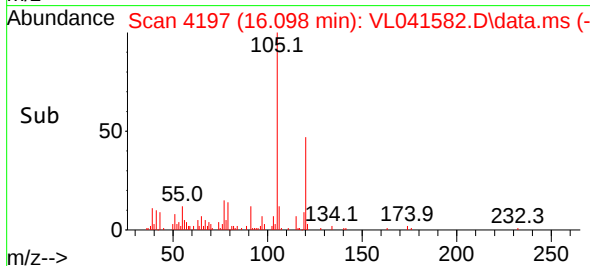
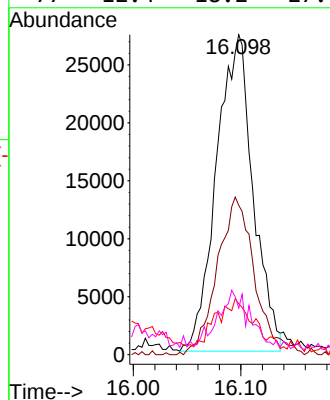
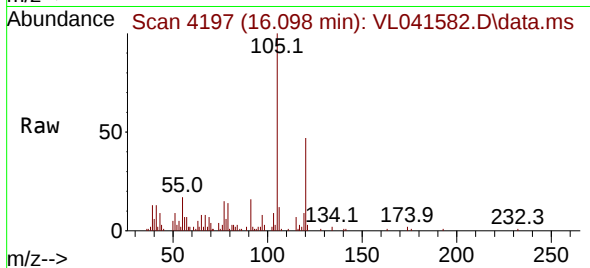
Tgt Ion:	105	Resp:	6469
Ion Ratio	Lower	Upper	
105	100		
120	46.5	39.5	59.3
91	14.2	39.8	59.8
77	12.4	18.2	27.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#79

Naphthalene

Concen: 0.129 ppbv m

RT: 21.371 min Scan# 5837

Delta R.T. 0.003 min

Lab File: VL041582.D

Acq: 22 Aug 2024 11:33

Tgt Ion:	128	Resp:	30013
Ion Ratio	Lower	Upper	
128	100		
127	9.7	10.3	15.5
129	10.5	9.0	13.4

