

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120720\
 Data File : VL036074.D
 Acq On : 7 Dec 2020 21:07
 Operator : SY/AP
 Sample : L4949-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:45:13 PM

Quant Time: Dec 15 05:00:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1064793	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	2661146	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.12	117	2386430	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2077211	10.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	44267	0.357	ppbv	96
3) Chlorodifluoromethane	3.00	51	60795	0.500	ppbv #	86
4) Chloromethane	3.15	50	30783	0.516	ppbv #	77
9) Propene	3.03	41	1196935m	19.668	ppbv	
10) Heptane	8.15	43	938349	6.037	ppbv	98
11) Trichlorofluoromethane	3.96	101	53309	0.365	ppbv	95
13) Ethanol	3.65	45	1075618	128.208	ppbv	84
15) Acetone	3.86	43	17472833	136.537	ppbv #	86
19) Isopropyl Alcohol	4.01	45	8297832	106.087	ppbv #	100
20) Methylene Chloride	4.37	84	398198	7.593	ppbv	96
25) Ethyl Acetate	5.70	43	14437599	56.472	ppbv #	80
30) Cyclohexane	7.15	84	219301	2.595	ppbv	91
34) 2-Butanone	5.28	43	6528813	36.986	ppbv	98
35) Carbon Tetrachloride	7.05	117	11837m	0.076	ppbv	
36) Benzene	6.92	78	570783	2.531	ppbv	99
38) Trichloroethene	7.87	130	12081m	0.143	ppbv	
41) Tetrahydrofuran	6.07	42	2080720	19.841	ppbv	100
44) 2,2,4-Trimethylpentane	7.89	57	2351539	5.757	ppbv #	88
50) 4-Methyl-2-Pentanone	8.77	43	1440186	5.471	ppbv	100
52) Tetrachloroethene	11.25	164	51222m	0.627	ppbv	
53) Toluene	9.86	91	27121670	107.097	ppbv #	70
58) Ethyl Benzene	12.74	91	3729048	11.402	ppbv	97
59) m/p-Xylene	13.00	91	9135032	33.163	ppbv	92
60) o-Xylene	13.73	91	3198898	12.326	ppbv	99
61) Styrene	13.56	104	1235078	7.412	ppbv	99
62) Isopropylbenzene	14.70	105	228174	0.593	ppbv	97
64) n-propylbenzene	15.59	120	165003	1.783	ppbv	87
67) sec-Butylbenzene	17.32	105	71818	0.163	ppbv	94
70) n-Butylbenzene	18.58	91	79576m	0.230	ppbv	
72) 4-Ethyltoluene	15.87	105	791845	2.817	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	493095	1.836	ppbv	94
74) 1,2,4-Trimethylbenzene	16.79	105	1168248	4.335	ppbv #	65

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

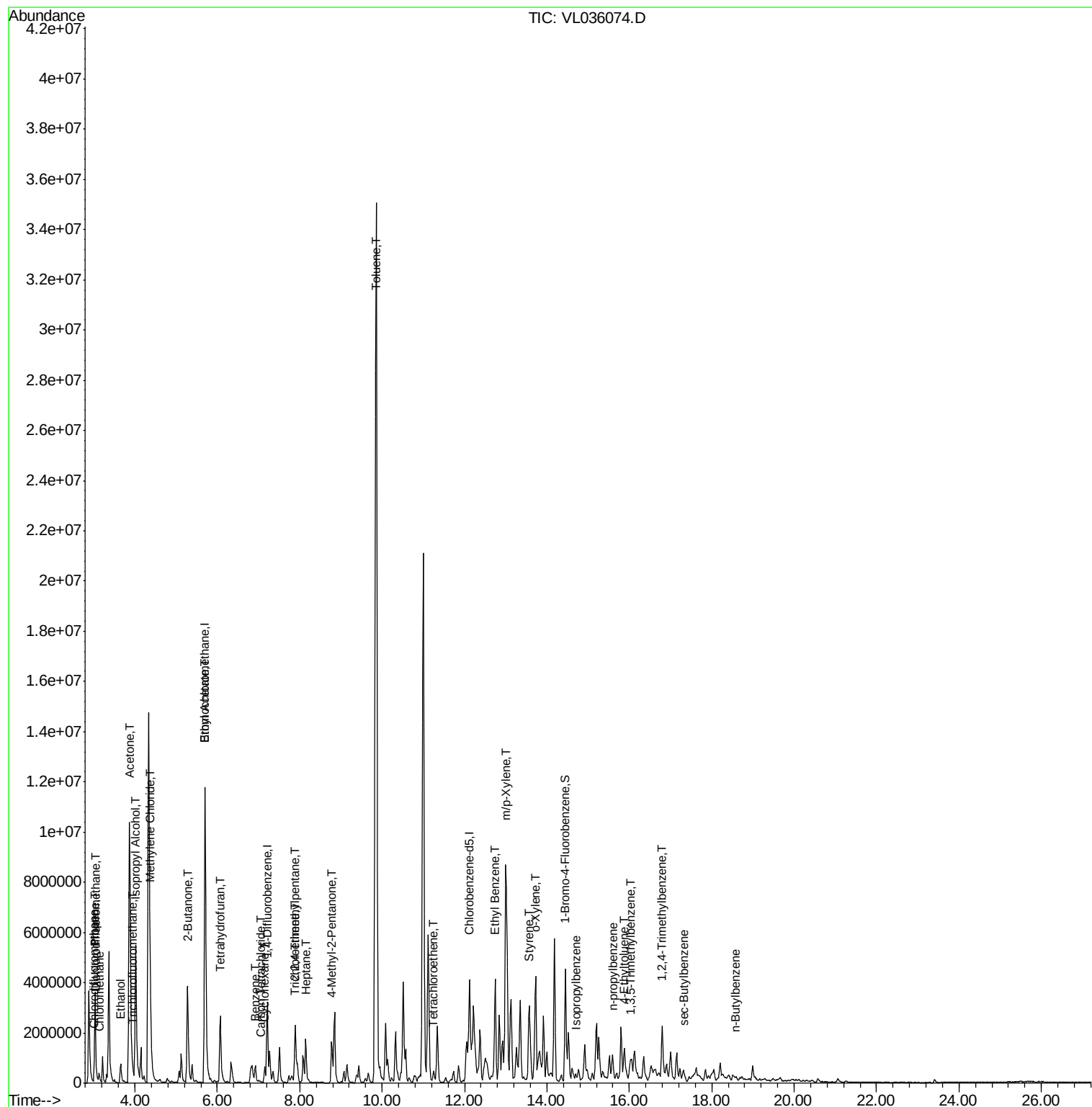
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120720\
Data File : VL036074.D
Acq On : 7 Dec 2020 21:07
Operator : SY/AP
Sample : L4949-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

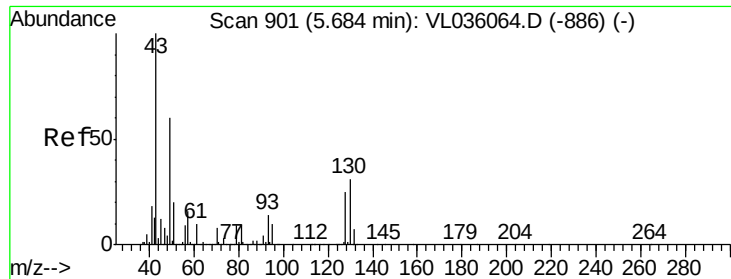
Instrument :
MSVOA_L
ClientSampleId :
IA-3

Manual Integrations
APPROVED

MMDadoda
12/11/2020 5:45:13 PM

Quant Time: Dec 15 05:00:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 906

Delta R.T. 0.02 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Instrument :

MSVOA_L

ClientSampled :

IA-3

Tot Ion: 49 Resp: 1064793

Ion Ratio Lower Upper

49 100

128 40.1 21.1 63.1

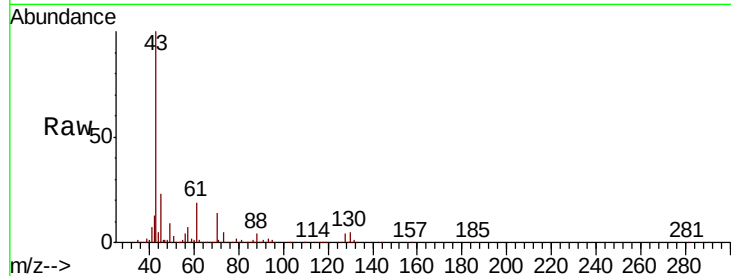
130 51.6 27.1 81.3

Manual Integrations

APPROVED

MMDadoda

12/11/2020 5:45:13 PM



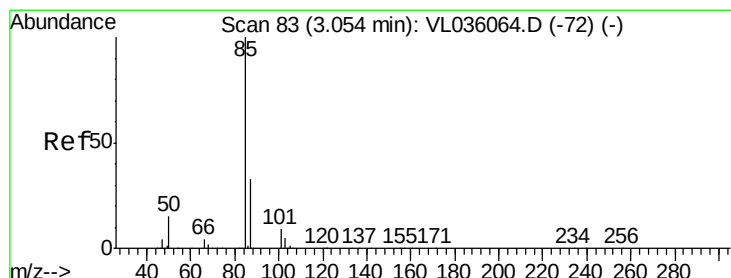
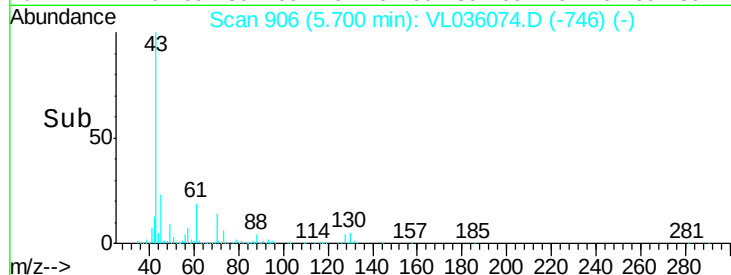
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 0.357 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL036074.D

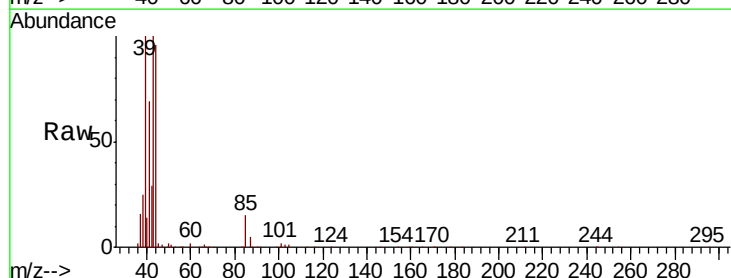
Acq: 7 Dec 2020 21:07

Tgt Ion: 85 Resp: 44267

Ion Ratio Lower Upper

85 100

87 30.9 26.5 39.7

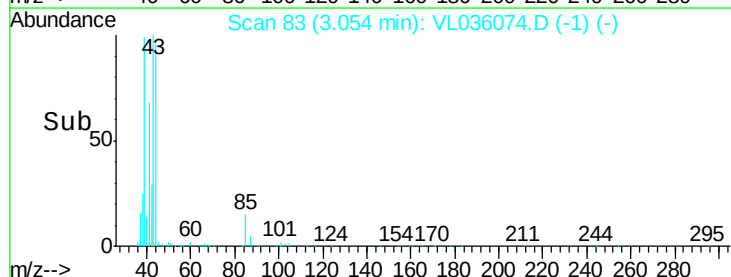


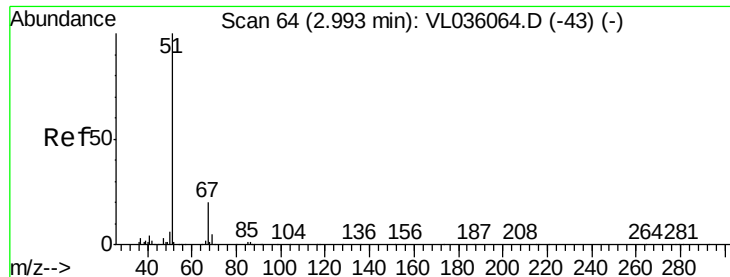
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.05

Time-->





#3

Chlorodifluoromethane

Concen: 0.500 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Instrument :

MSVOA_L

ClientSampleId :

IA-3

Tot Ion: 51 Resp: 60795

Ion Ratio Lower Upper

51 100

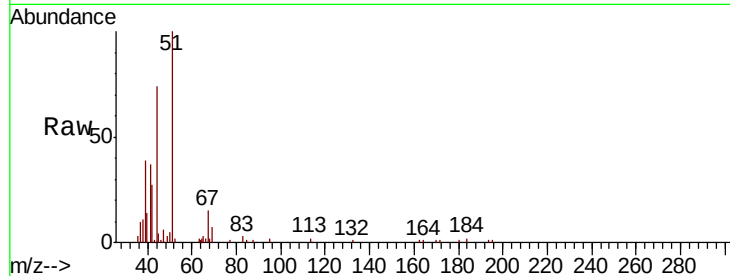
67 11.5 14.3 21.5#

Manual Integrations

APPROVED

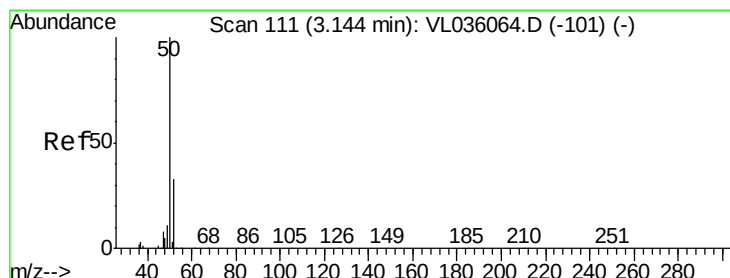
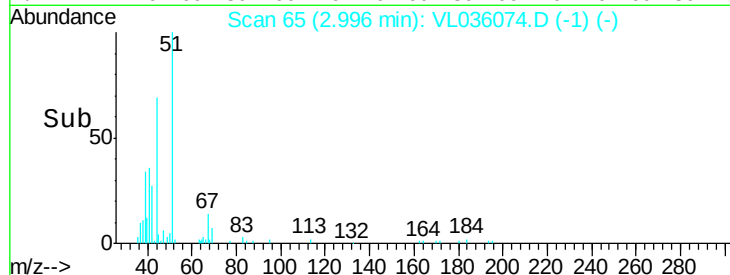
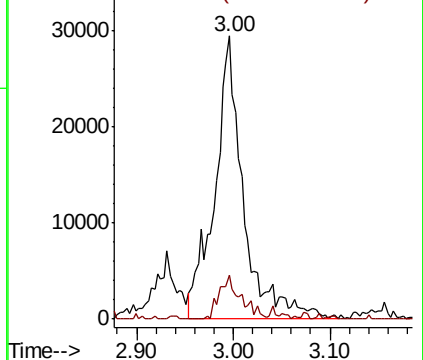
MMDadoda

12/11/2020 5:45:13 PM



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.516 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL036074.D

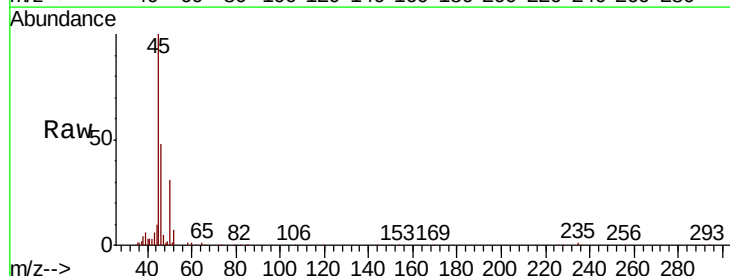
Acq: 7 Dec 2020 21:07

Tgt Ion: 50 Resp: 30783

Ion Ratio Lower Upper

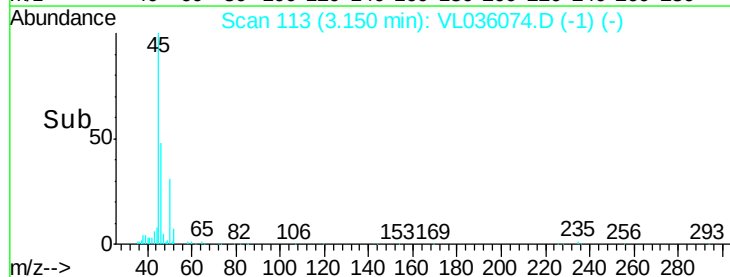
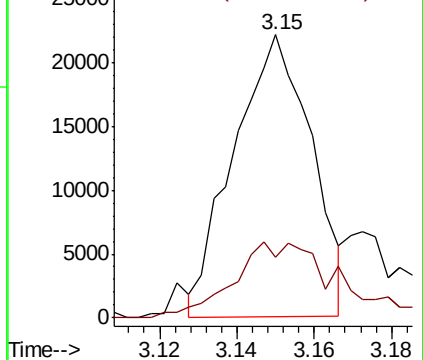
50 100

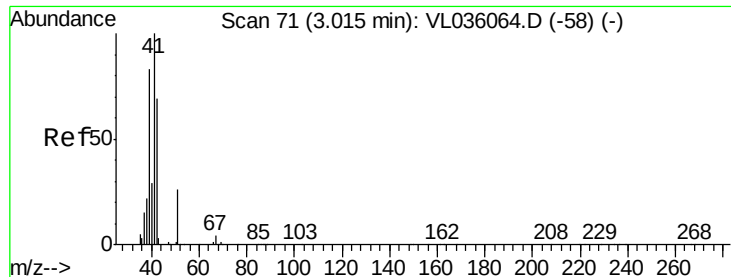
52 19.4 26.1 39.1#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 19.668 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Instrument :

MSVOA_L

ClientSampleId :

IA-3

Manual Integrations
APPROVED

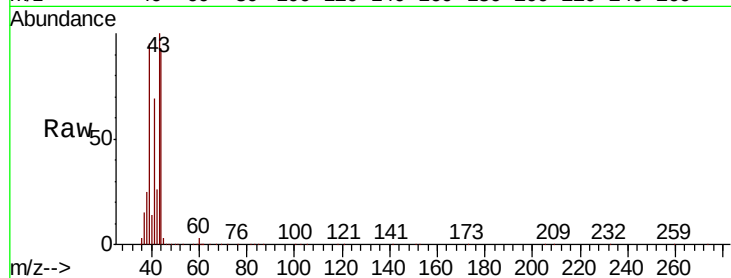
MMDadoda
12/11/2020 5:45:13 PM

Tot Ion: 41 Resp: 1196935

Ion Ratio Lower Upper

41 100

42 19.8 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.03

600000

500000

400000

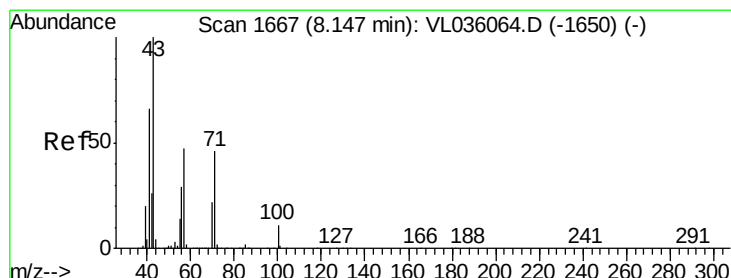
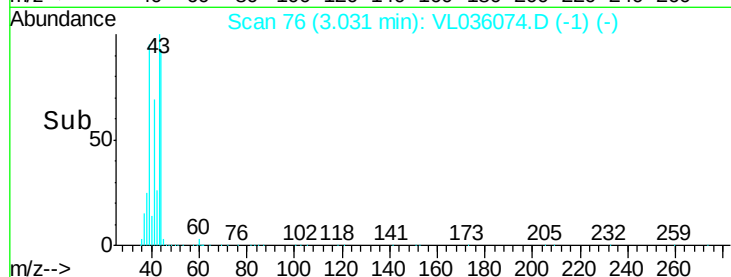
300000

200000

100000

0

Time-->



#10

Heptane

Concen: 6.037 ppbv

RT: 8.15 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VL036074.D

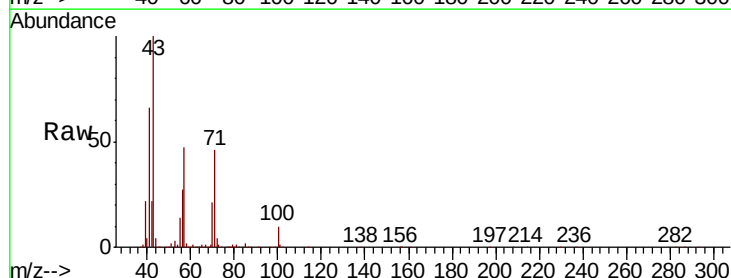
Acq: 7 Dec 2020 21:07

Tgt Ion: 43 Resp: 938349

Ion Ratio Lower Upper

43 100

57 45.9 37.9 56.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.15

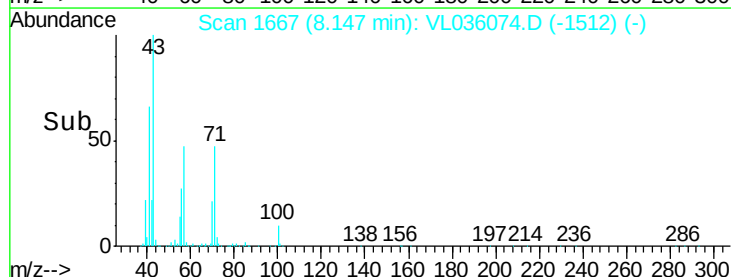
600000

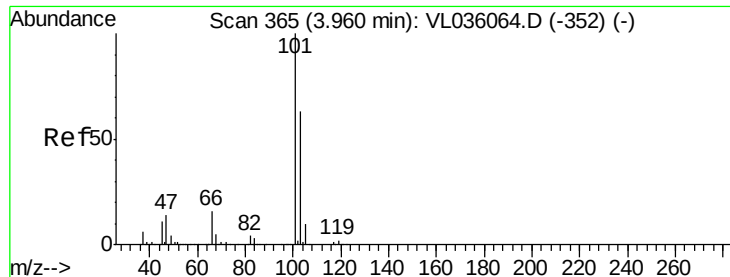
400000

200000

0

Time-->





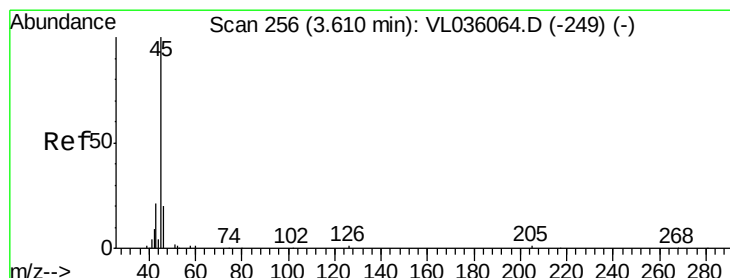
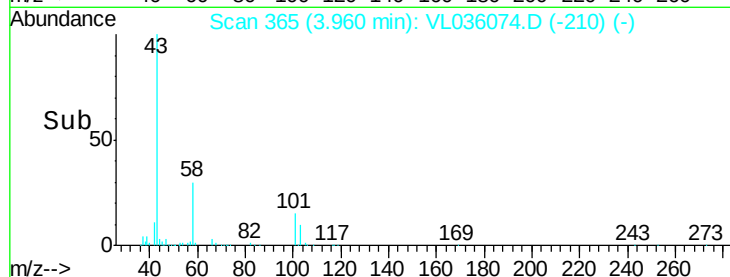
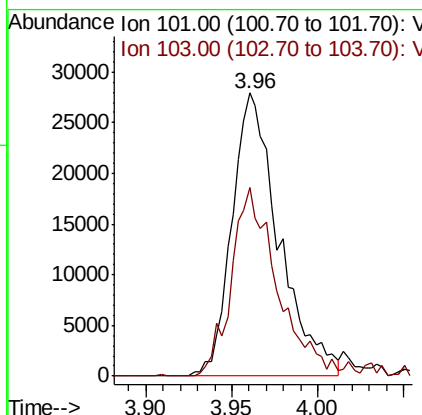
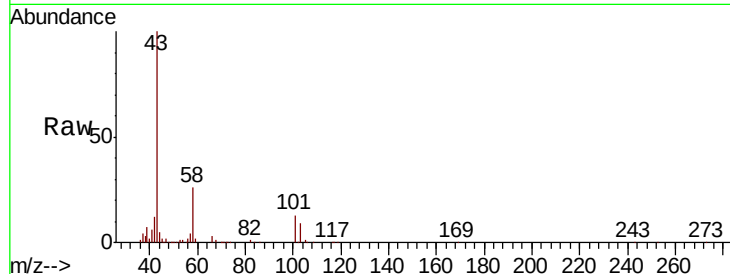
#11
Trichlorofluoromethane
Concen: 0.365 ppbv
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampled :
IA-3

Tot Ion:101 Resp: 53309
Ion Ratio Lower Upper
101 100
103 66.5 50.3 75.5

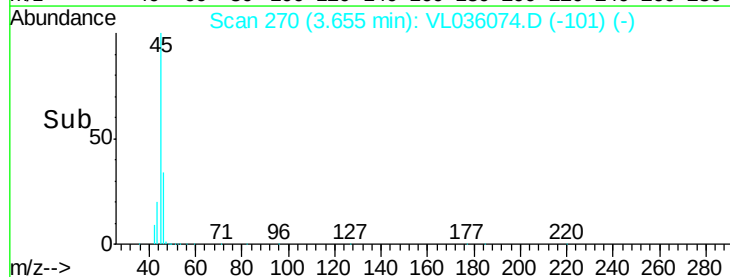
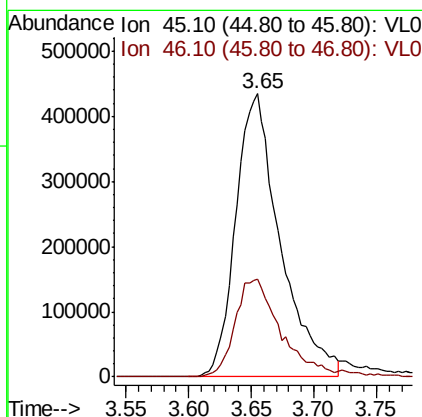
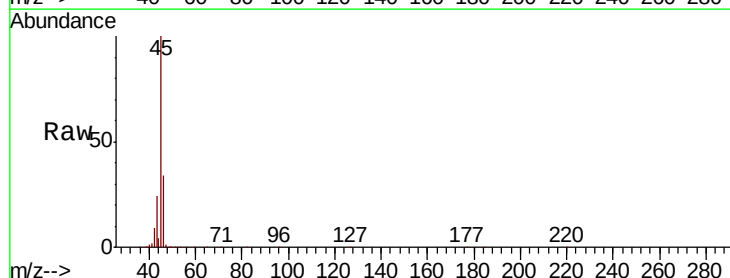
Manual Integrations
APPROVED

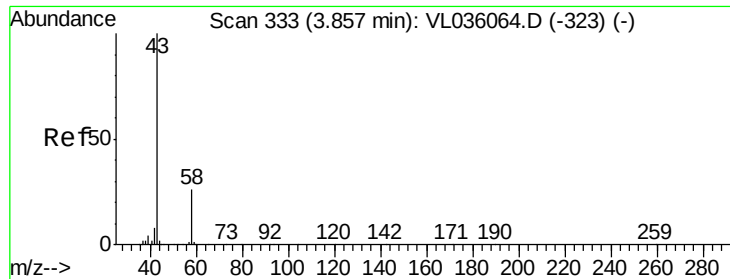
MMDadoda
12/11/2020 5:45:13 PM



#13
Ethanol
Concen: 128.208 ppbv
RT: 3.65 min Scan# 270
Delta R.T. 0.04 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion: 45 Resp: 1075618
Ion Ratio Lower Upper
45 100
46 36.4 19.0 75.8





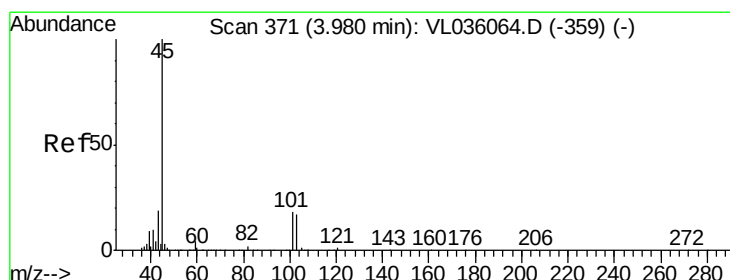
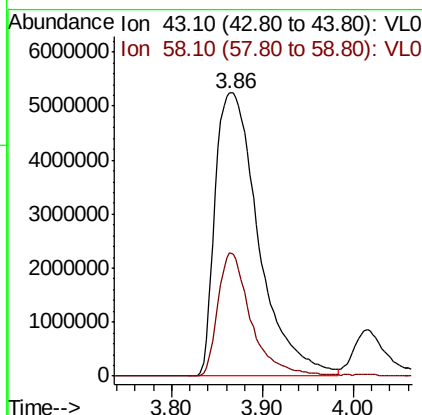
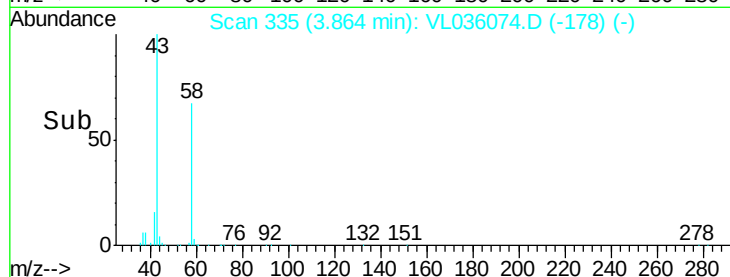
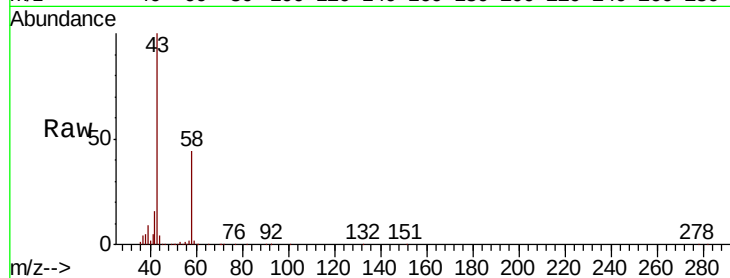
#15
Acetone
Concen: 136.537 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampled :
IA-3

Tot Ion: 43 Resp:17472833
Ion Ratio Lower Upper
43 100
58 33.2 20.9 31.3#

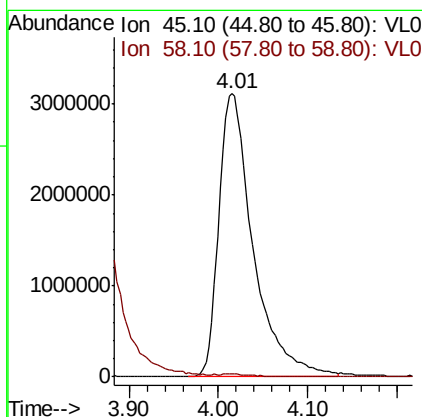
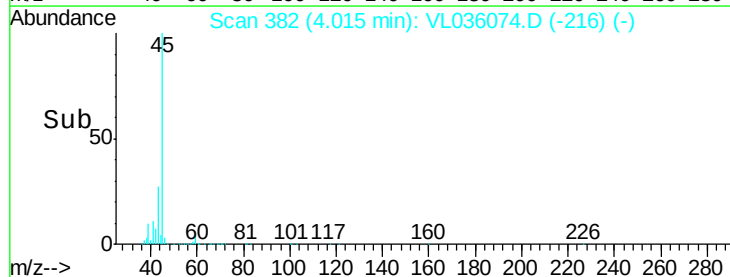
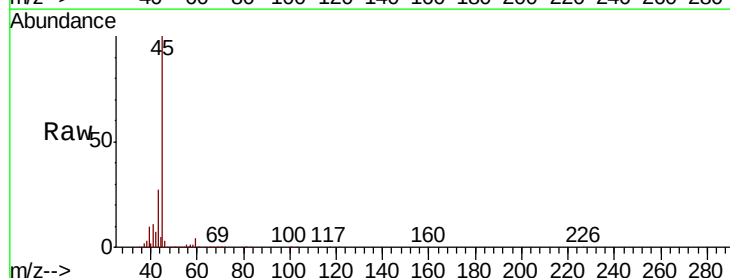
Manual Integrations
APPROVED

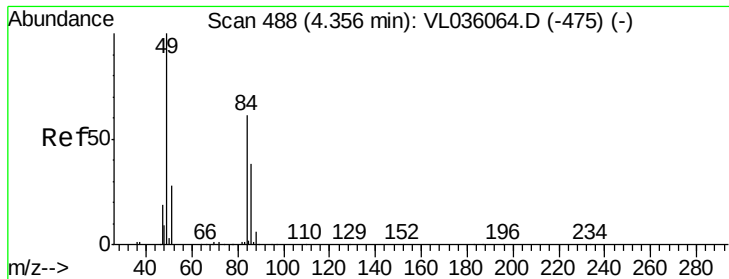
MMDadoda
12/11/2020 5:45:13 PM



#19
Isopropyl Alcohol
Concen: 106.087 ppbv
RT: 4.01 min Scan# 382
Delta R.T. 0.04 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion: 45 Resp: 8297832
Ion Ratio Lower Upper
45 100
58 70.0 0.0 0.0#





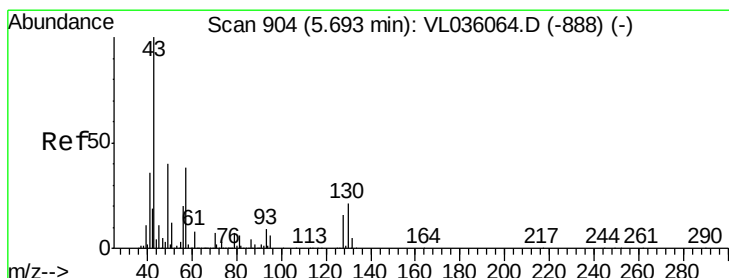
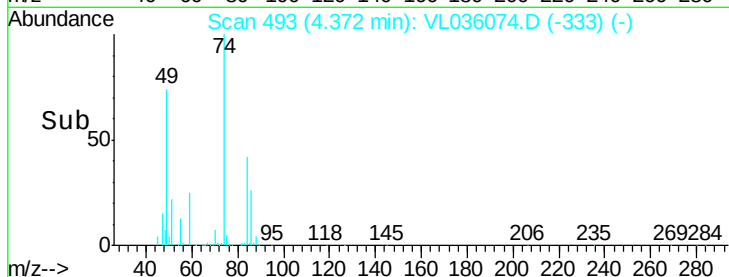
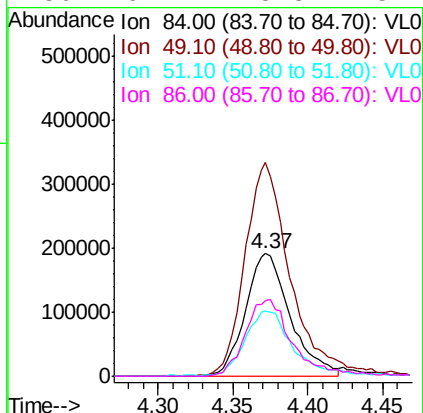
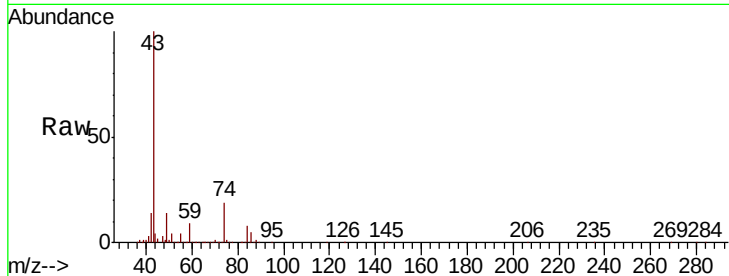
#20
Methylene Chloride
Concen: 7.593 ppbv
RT: 4.37 min Scan# 493
Delta R.T. 0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampled :
IA-3

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	173.5	133.0	199.4	
51	52.4	38.9	58.3	
86	61.2	48.8	73.2	

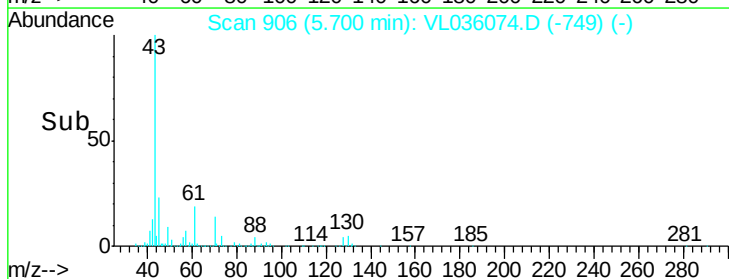
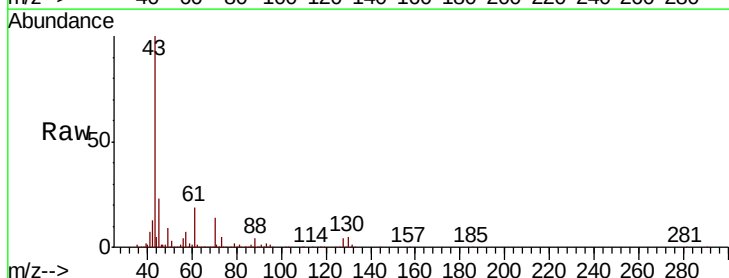
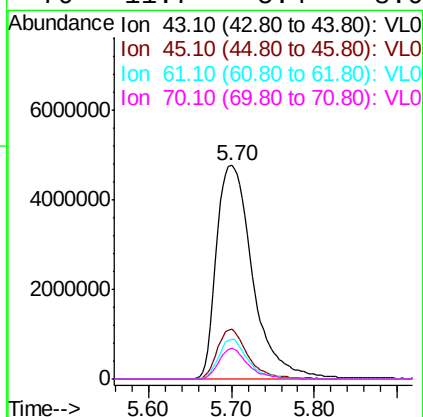
Manual Integrations
APPROVED

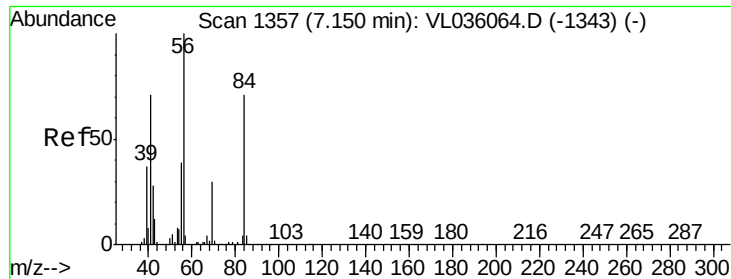
MMDadoda
12/11/2020 5:45:13 PM



#25
Ethyl Acetate
Concen: 56.472 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
45	19.9	8.2	12.4#	
61	15.3	7.4	11.2#	
70	11.7	5.4	8.0#	





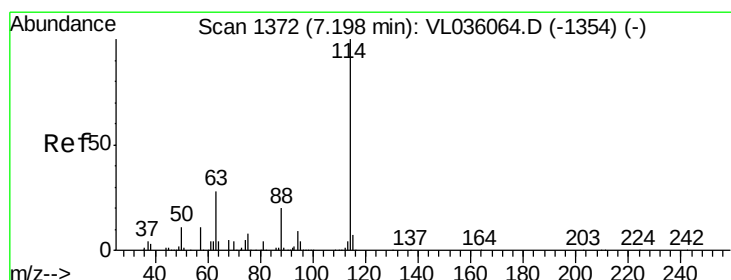
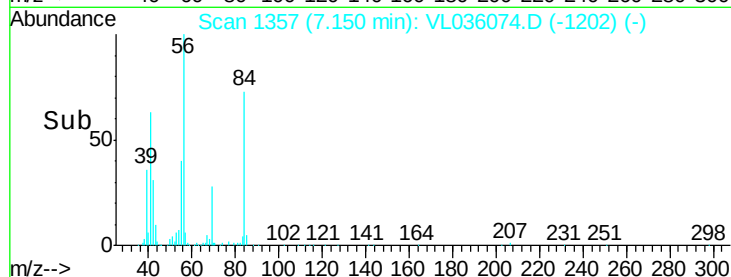
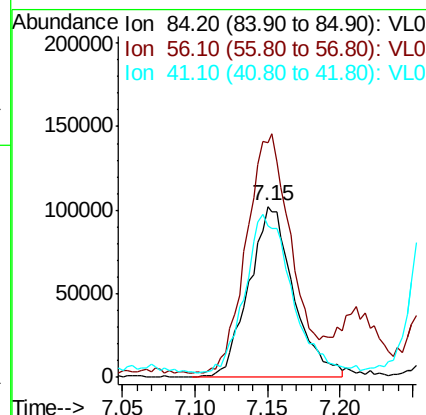
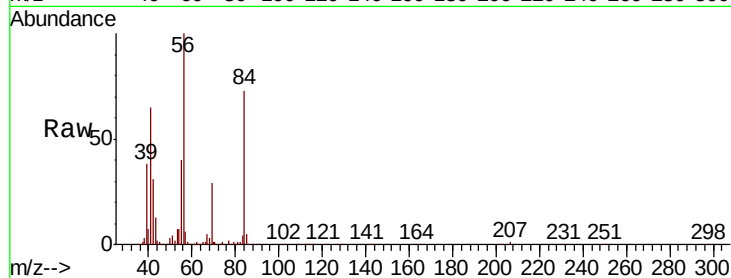
#30
Cyclohexane
Concen: 2.595 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampleId :
IA-3

Tot Ion	Ratio	Lower	Upper
84	100		
56	140.0	128.0	192.0
41	101.6	81.3	121.9

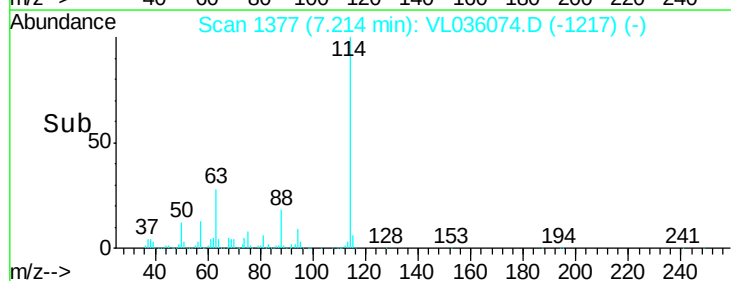
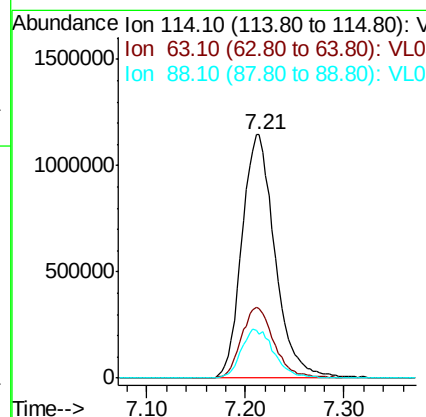
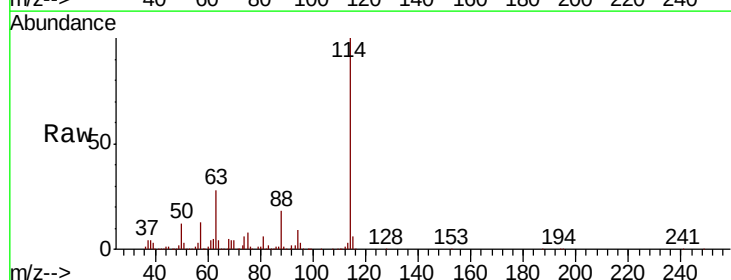
Manual Integrations
APPROVED

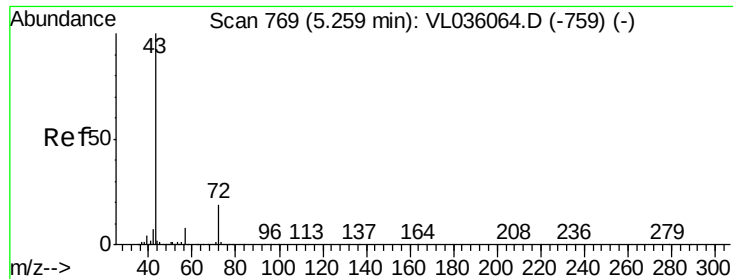
MMDadoda
12/11/2020 5:45:13 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. 0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.2	23.6	35.4
88	20.1	15.8	23.6





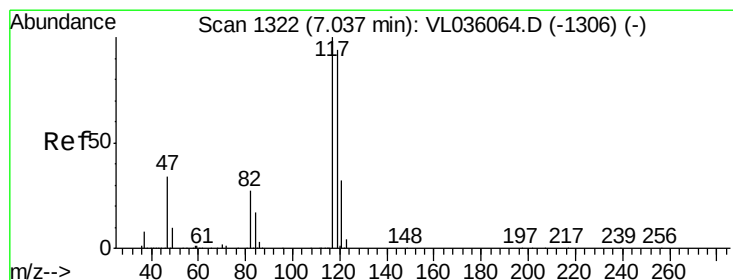
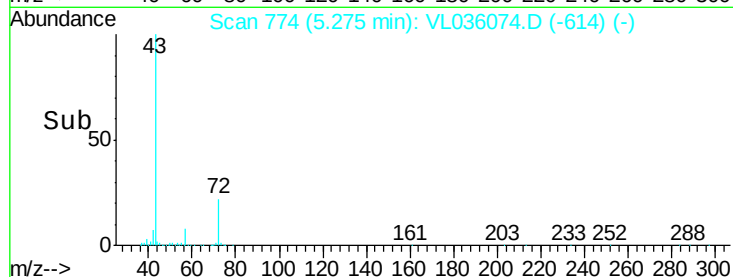
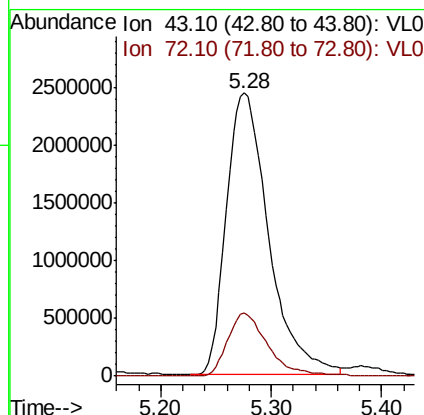
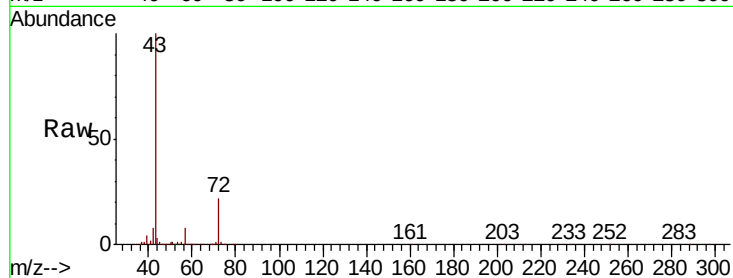
#34
2-Butanone
Concen: 36.986 ppbv
RT: 5.28 min Scan# 774
Delta R.T. 0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampled :
IA-3

Tot Ion: 43 Resp: 6528813
Ion Ratio Lower Upper
43 100
72 21.5 16.5 24.7

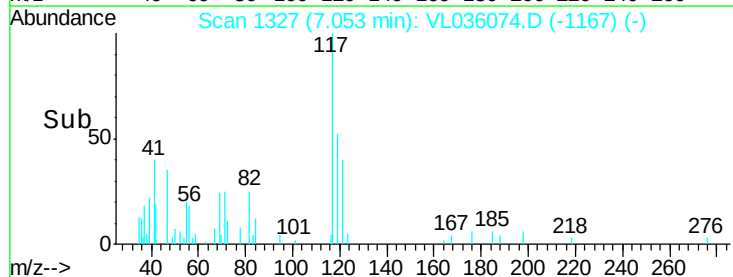
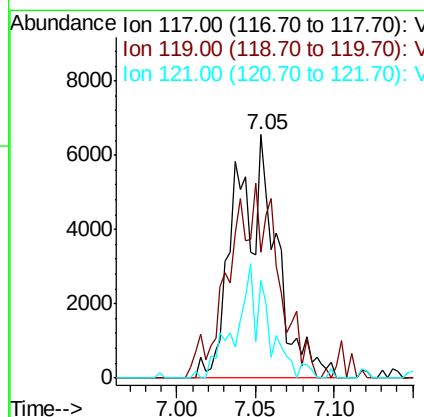
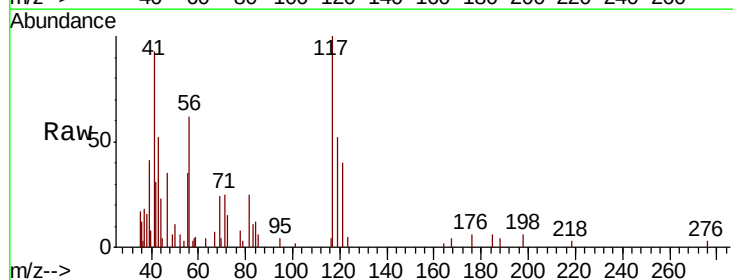
Manual Integrations
APPROVED

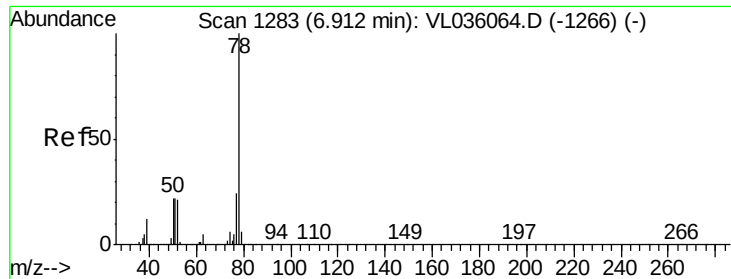
MMDadoda
12/11/2020 5:45:13 PM



#35
Carbon Tetrachloride
Concen: 0.076 ppbv m
RT: 7.05 min Scan# 1327
Delta R.T. 0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion: 117 Resp: 11837
Ion Ratio Lower Upper
117 100
119 51.9 75.1 112.7#
121 39.9 25.6 38.4#





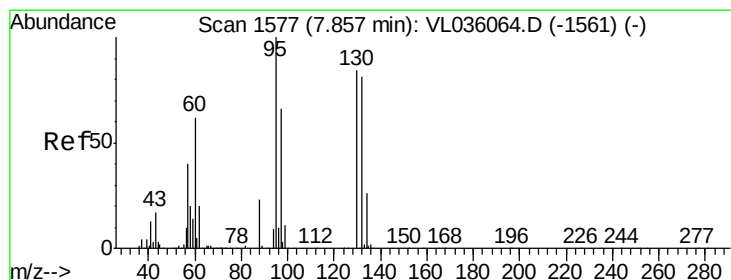
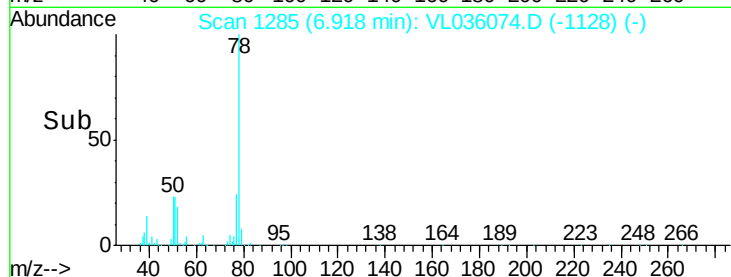
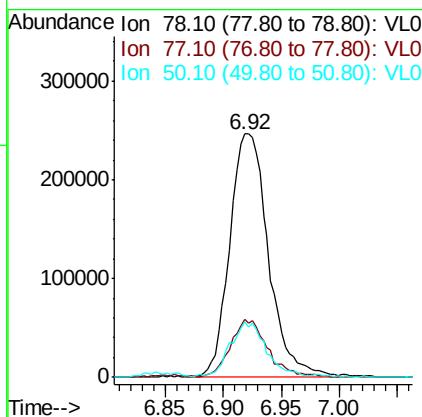
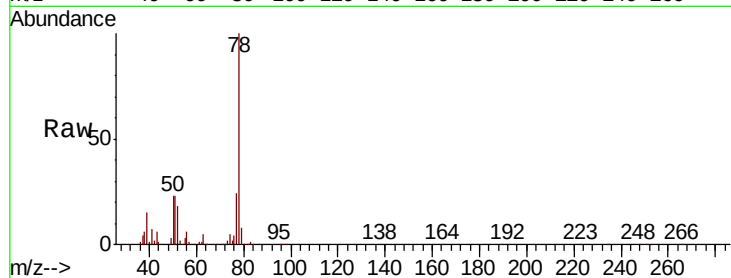
#36
Benzene
Concen: 2.531 ppbv
RT: 6.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampleId :
IA-3

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2
50	22.5	17.8	26.8

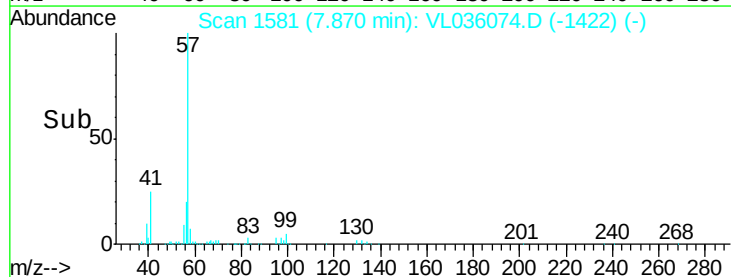
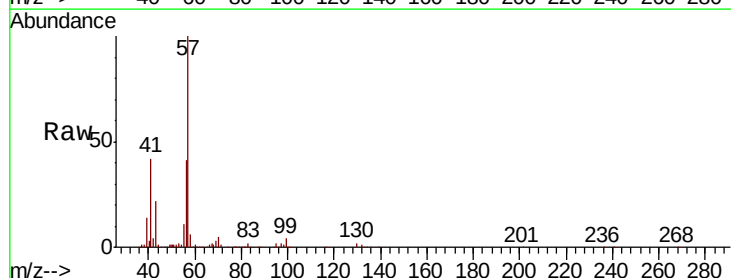
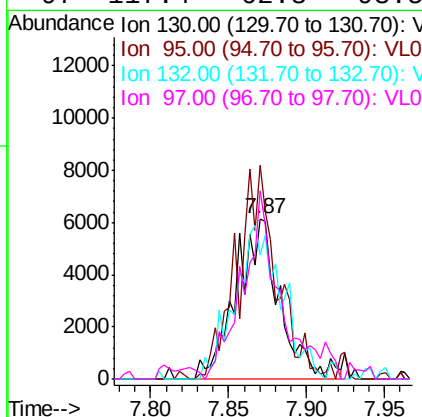
Manual Integrations
APPROVED

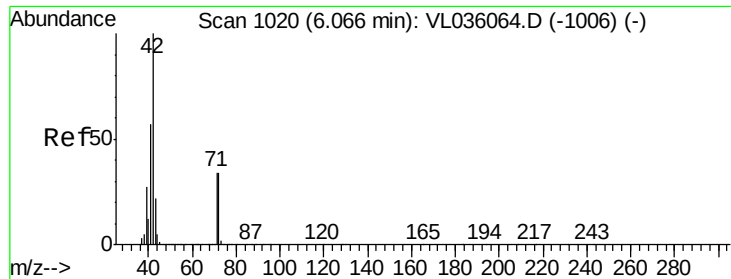
MMDadoda
12/11/2020 5:45:13 PM



#38
Trichloroethene
Concen: 0.143 ppbv m
RT: 7.87 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	133.2	95.2	142.8
132	77.6	76.9	115.3
97	117.4	62.3	93.5





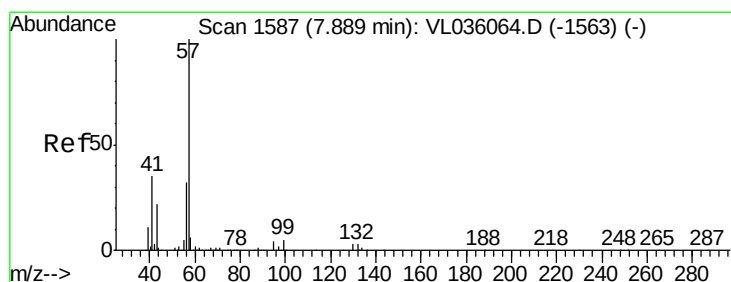
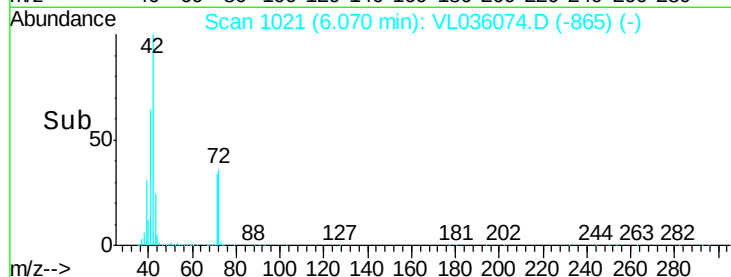
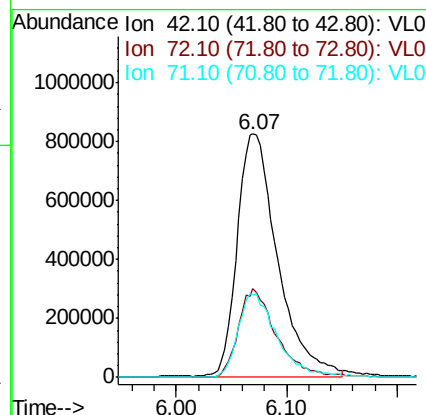
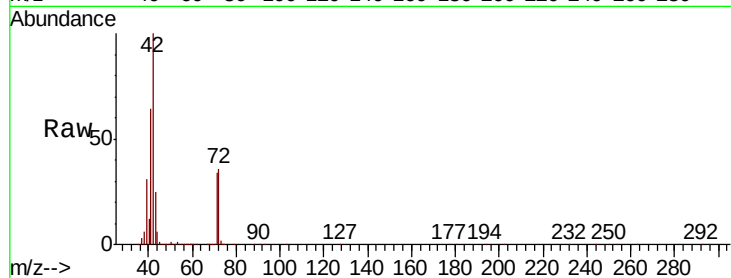
#41
Tetrahydrofuran
Concen: 19.841 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampled :
IA-3

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.9	28.3	42.5
71	34.0	27.3	40.9

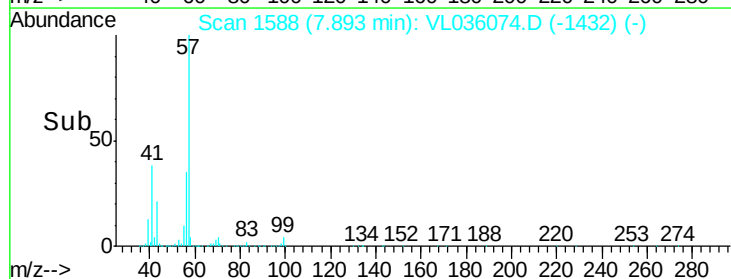
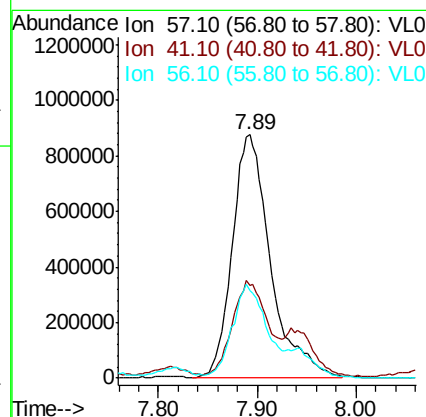
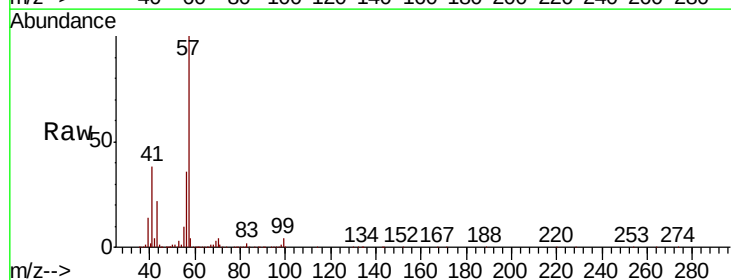
Manual Integrations
APPROVED

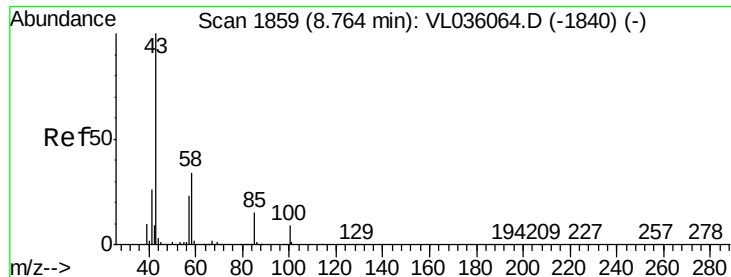
MMDadoda
12/11/2020 5:45:13 PM



#44
2,2,4-Trimethylpentane
Concen: 5.757 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion	Ratio	Lower	Upper
57	100		
41	38.9	28.9	43.3
56	43.4	25.3	37.9#





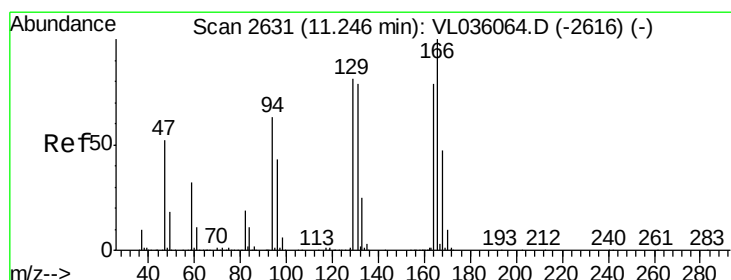
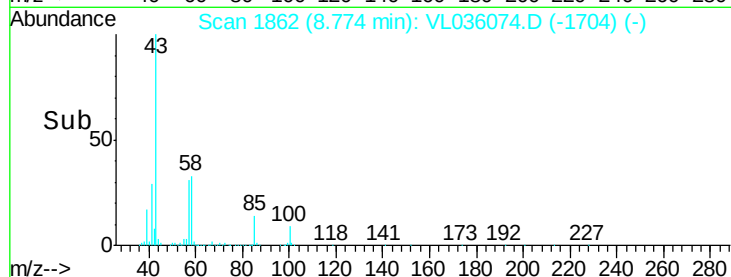
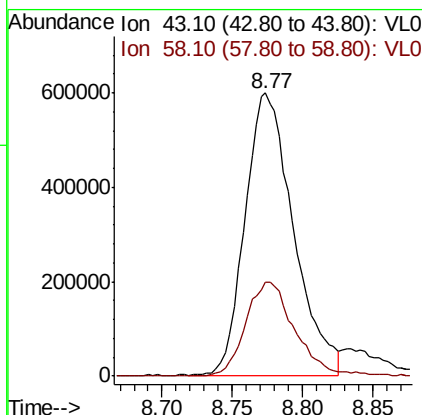
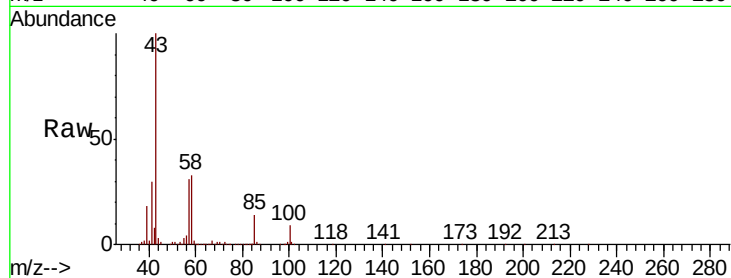
#50
4-Methyl-2-Pentanone
Concen: 5.471 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampleId :
IA-3

Tot Ion: 43 Resp: 1440186
Ion Ratio Lower Upper
43 100
58 34.2 27.4 41.2

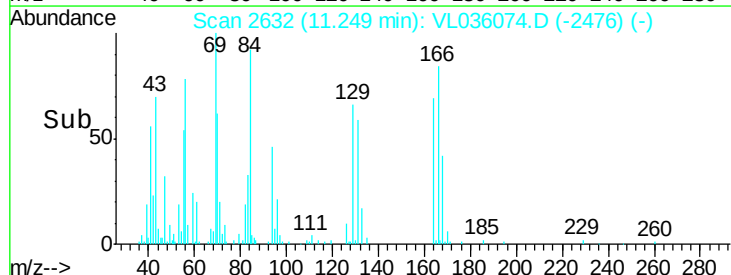
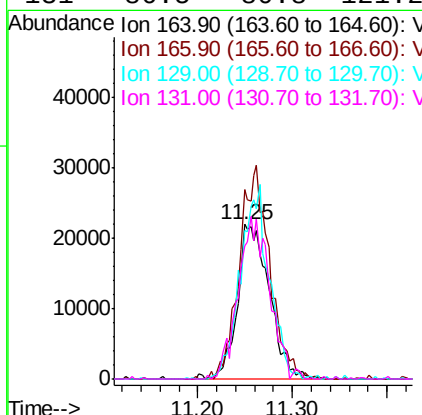
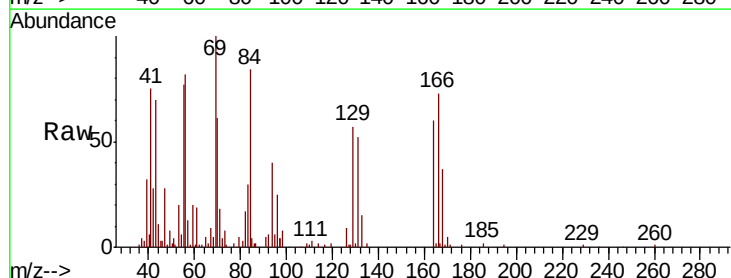
Manual Integrations
APPROVED

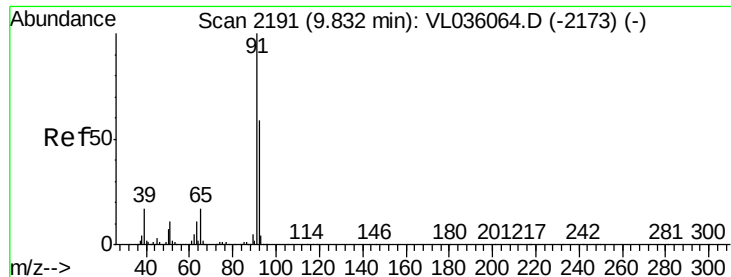
MMDadoda
12/11/2020 5:45:13 PM



#52
Tetrachloroethene
Concen: 0.627 ppbv m
RT: 11.25 min Scan# 2632
Delta R.T. 0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion: 164 Resp: 51222
Ion Ratio Lower Upper
164 100
166 122.4 101.9 152.9
129 95.7 82.1 123.1
131 86.5 80.8 121.2





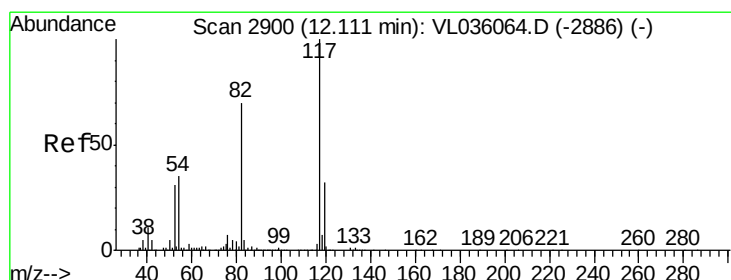
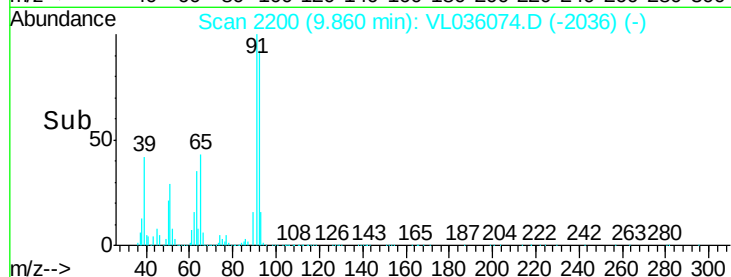
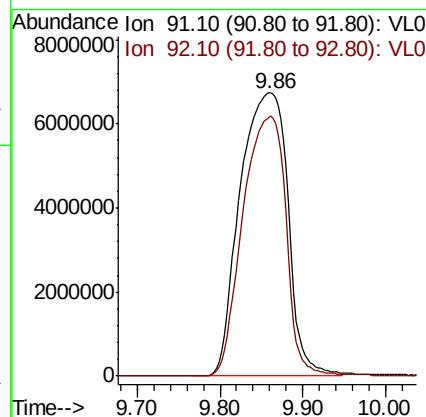
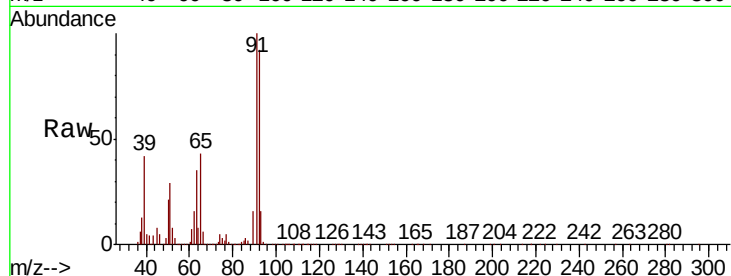
#53
Toluene
Concen: 107.097 ppbv
RT: 9.86 min Scan# 2200
Delta R.T. 0.03 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampleId :
IA-3

Tot Ion: 91 Resp: 27121670
Ion Ratio Lower Upper
91 100
92 83.1 48.2 72.2#

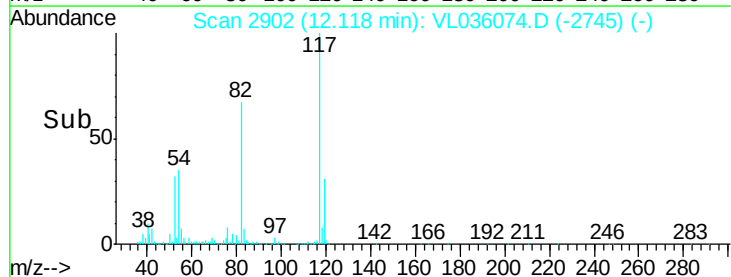
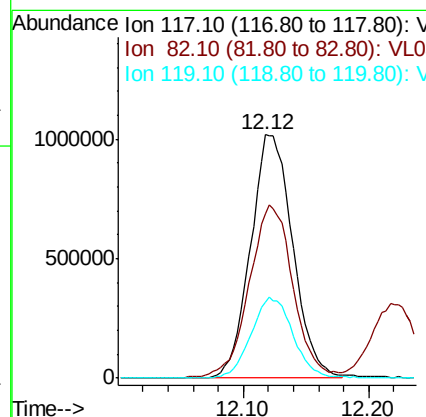
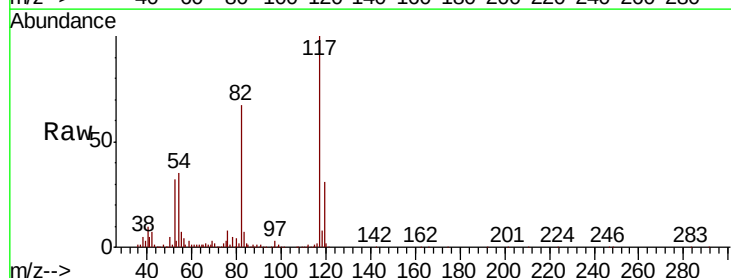
Manual Integrations
APPROVED

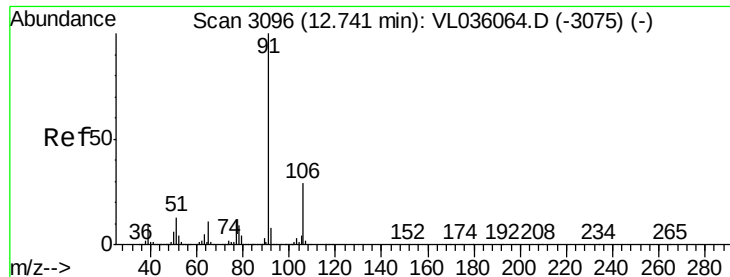
MMDadoda
12/11/2020 5:45:13 PM



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion: 117 Resp: 2386430
Ion Ratio Lower Upper
117 100
82 73.8 0.0 0.0#
119 33.1 0.0 0.0#





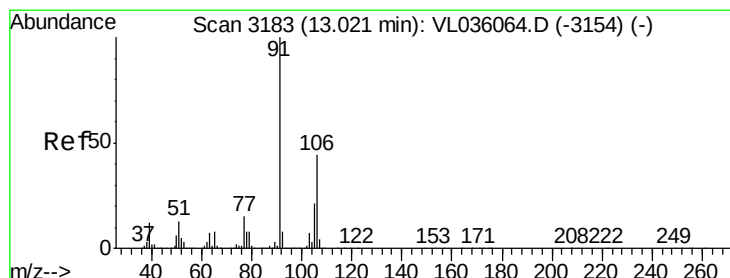
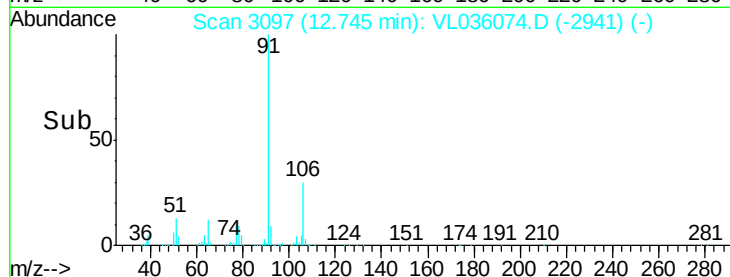
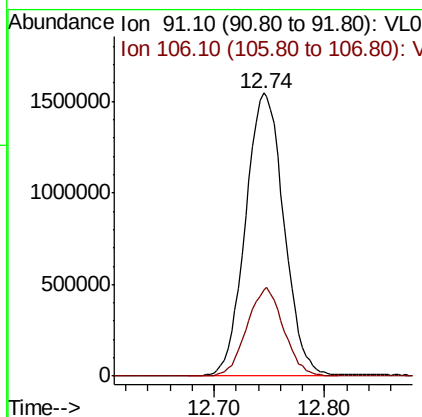
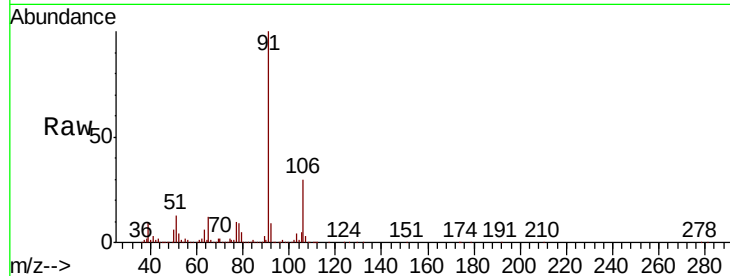
#58
Ethyl Benzene
Concen: 11.402 ppbv
RT: 12.74 min Scan# 3097
Delta R.T. 0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampled :
IA-3

Tot Ion: 91 Resp: 3729048
Ion Ratio Lower Upper
91 100
106 30.4 23.0 34.4

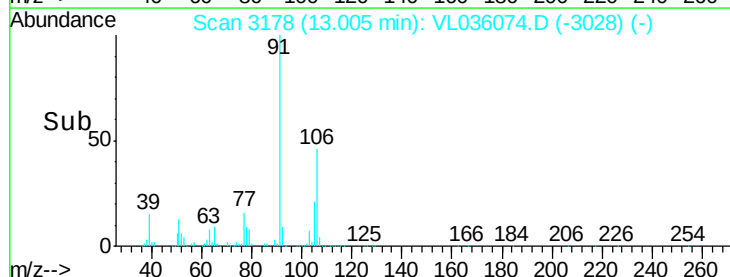
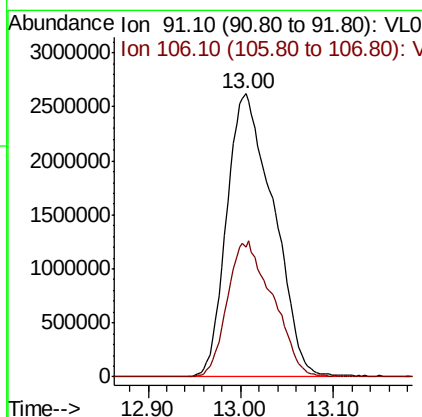
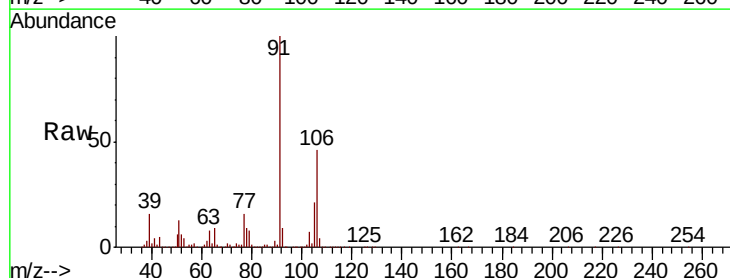
Manual Integrations
APPROVED

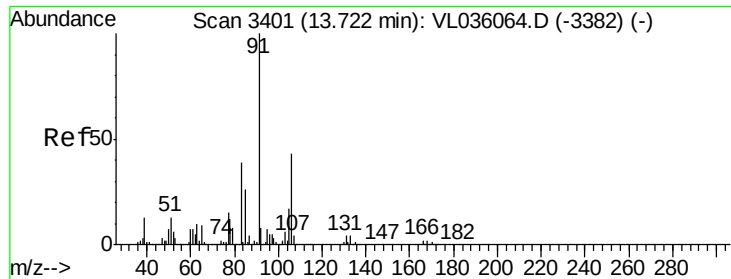
MMDadoda
12/11/2020 5:45:13 PM



#59
m/p-Xylene
Concen: 33.163 ppbv
RT: 13.00 min Scan# 3178
Delta R.T. -0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion: 91 Resp: 9135032
Ion Ratio Lower Upper
91 100
106 46.8 33.6 50.4





#60

o-Xylene

Concen: 12.326 ppbv

RT: 13.73 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Instrument :

MSVOA_L

ClientSampled :

IA-3

Tot Ion: 91 Resp: 3198898

Ion Ratio Lower Upper

91 100

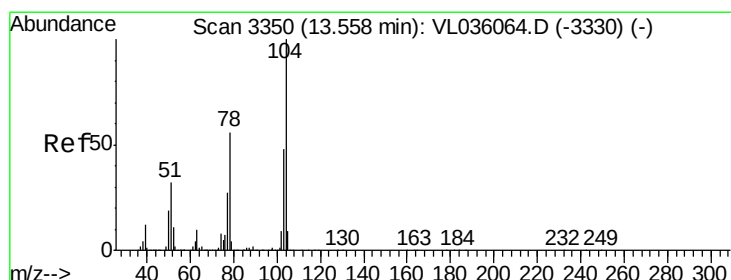
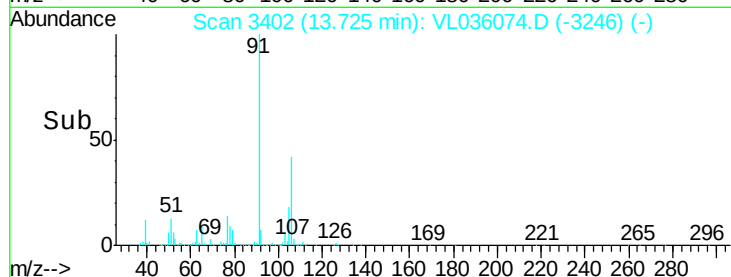
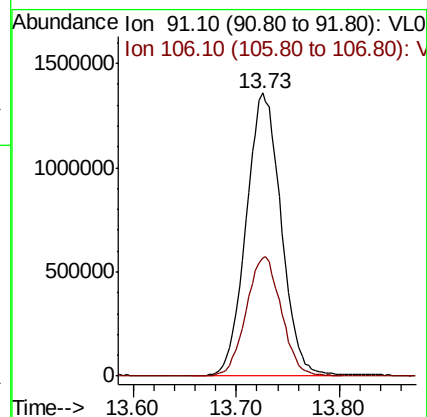
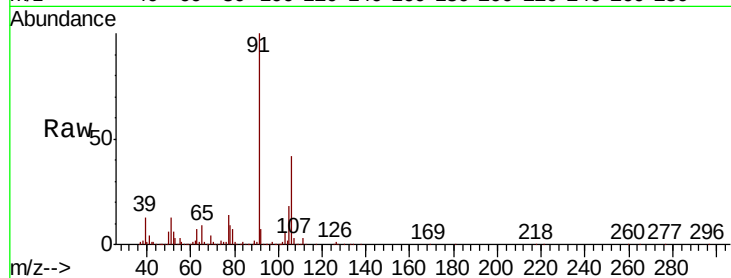
106 42.6 21.6 64.6

Manual Integrations

APPROVED

MMDadoda

12/11/2020 5:45:13 PM



#61

Styrene

Concen: 7.412 ppbv

RT: 13.56 min Scan# 3352

Delta R.T. 0.01 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

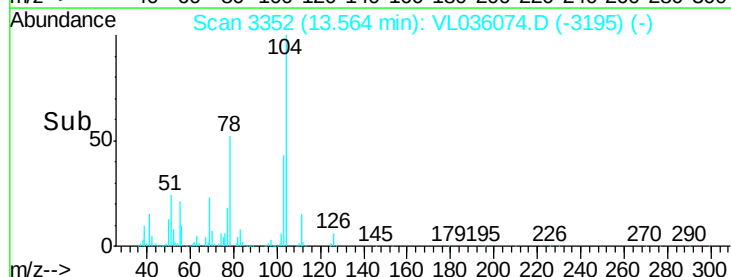
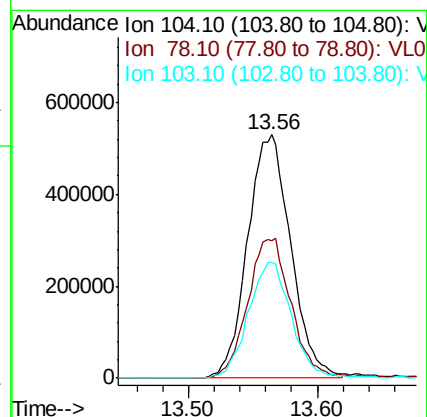
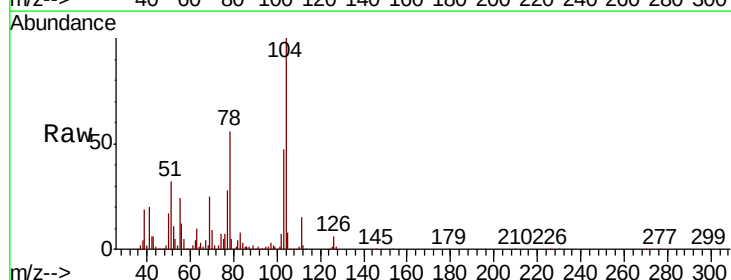
Tgt Ion: 104 Resp: 1235078

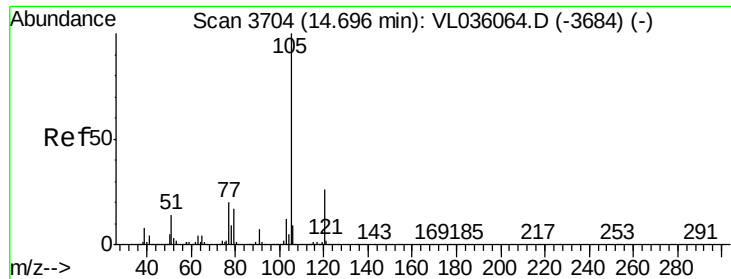
Ion Ratio Lower Upper

104 100

78 58.0 45.8 68.8

103 47.4 38.6 57.8





#62

Isopropylbenzene

Concen: 0.593 ppbv

RT: 14.70 min Scan# 3706

Delta R.T. 0.01 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Instrument :

MSVOA_L

ClientSampled :

IA-3

Tot Ion:105 Resp: 228174

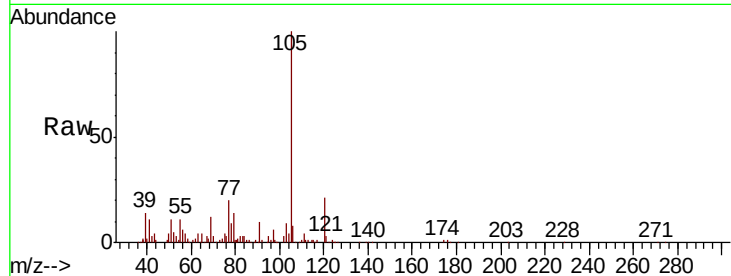
Ion Ratio Lower Upper

105 100

120 23.5 20.1 30.1

Manual Integrations
APPROVED

MMDadoda
12/11/2020 5:45:13 PM

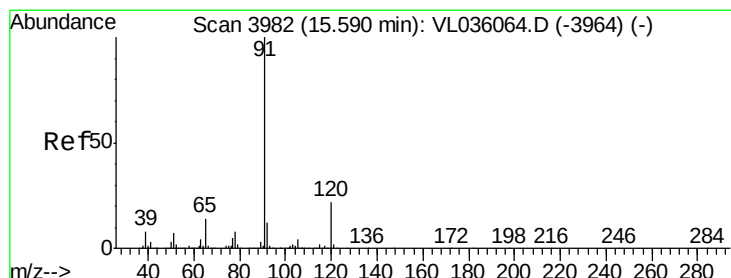
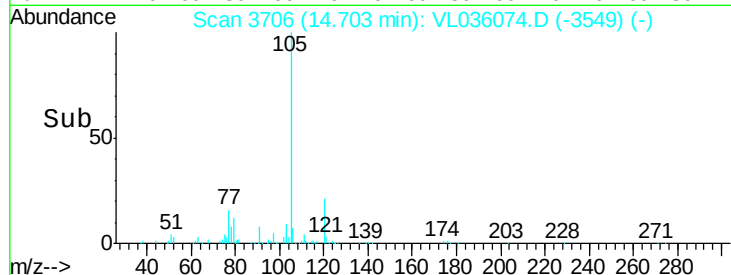


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

14.70

Time--> 14.60 14.65 14.70 14.75



#64

n-propylbenzene

Concen: 1.783 ppbv

RT: 15.59 min Scan# 3983

Delta R.T. 0.00 min

Lab File: VL036074.D

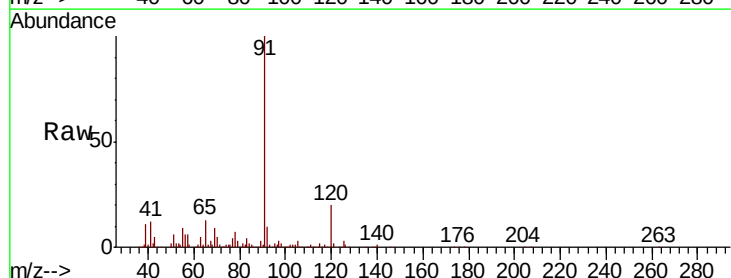
Acq: 7 Dec 2020 21:07

Tgt Ion:120 Resp: 165003

Ion Ratio Lower Upper

120 100

91 522.5 388.9 583.3

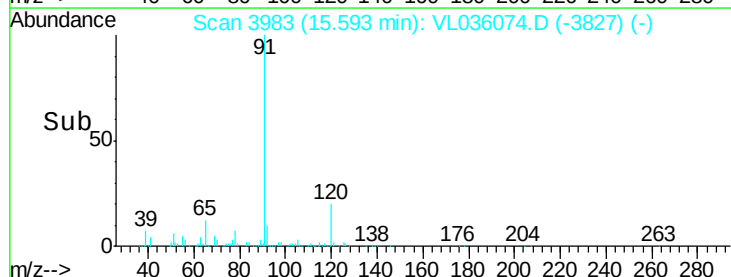


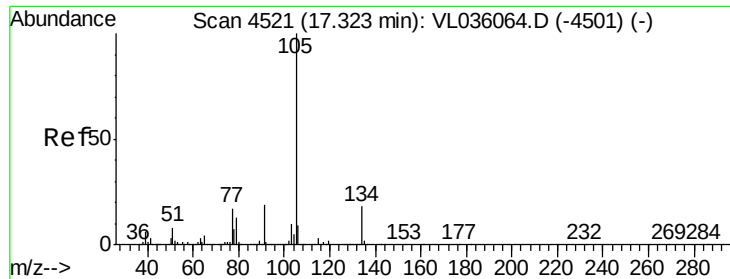
Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

15.59

Time--> 15.50 15.55 15.60 15.65





#67

sec-Butylbenzene

Concen: 0.163 ppbv

RT: 17.32 min Scan# 4521

Delta R.T. -0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Instrument :

MSVOA_L

ClientSampled :

IA-3

Tot Ion: 105 Resp: 71818

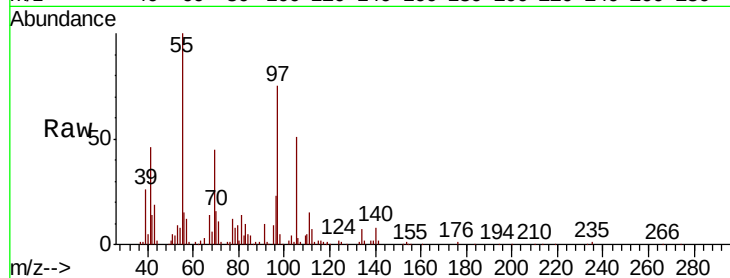
Ion Ratio Lower Upper

105 100

134 20.5 14.2 21.4

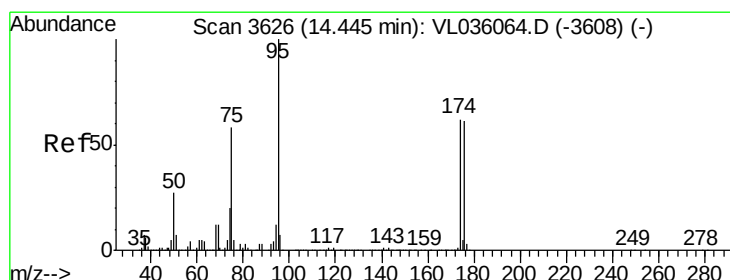
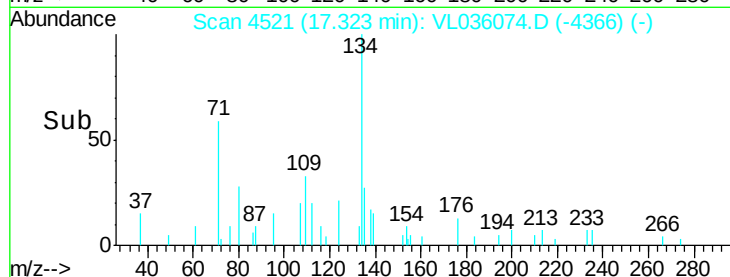
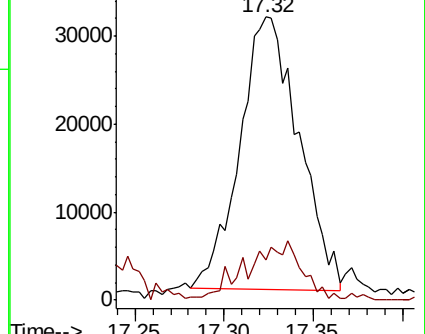
Manual Integrations
APPROVED

MMDadoda
12/11/2020 5:45:13 PM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.962 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

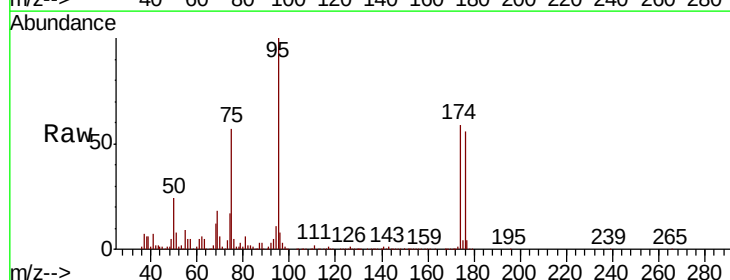
Tgt Ion: 95 Resp: 2077211

Ion Ratio Lower Upper

95 100

174 60.3 50.7 76.1

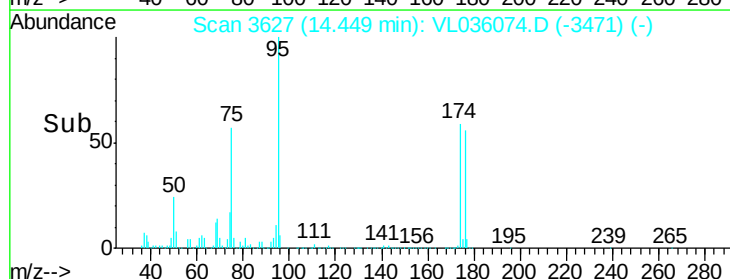
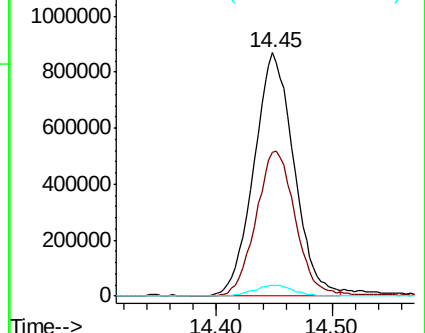
175 4.6 4.0 6.0

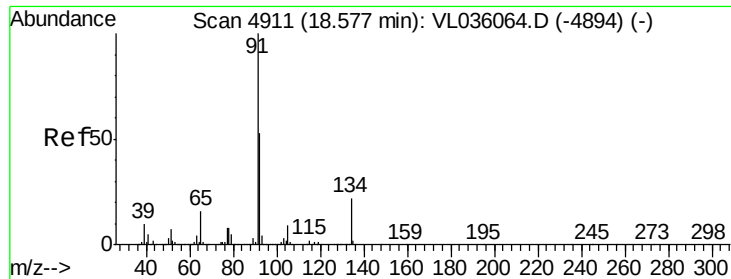


Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





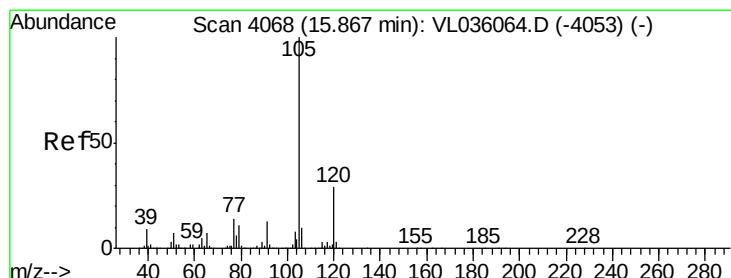
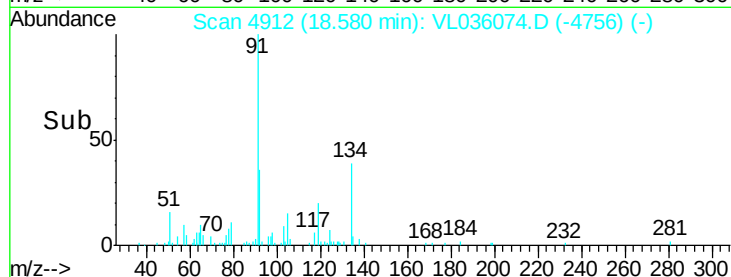
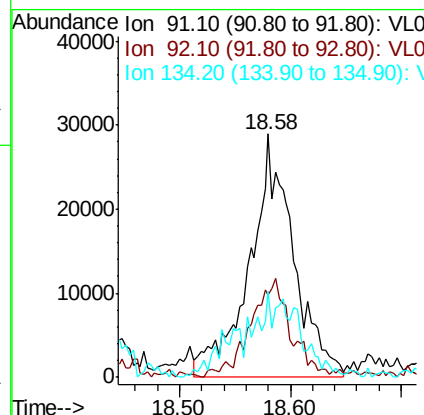
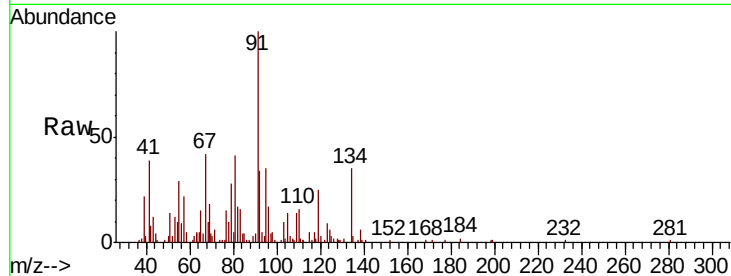
#70
n-Butylbenzene
Concen: 0.230 ppbv m
RT: 18.58 min Scan# 4912
Delta R.T. 0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Instrument :
MSVOA_L
ClientSampled :
IA-3

Tot Ion	Ratio	Lower	Upper
91	100		
92	37.4	43.3	64.9#
134	0.0	17.1	25.7#

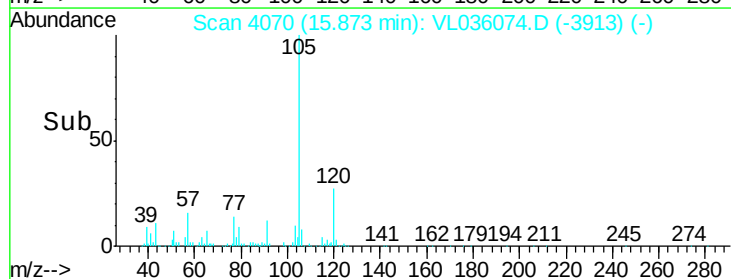
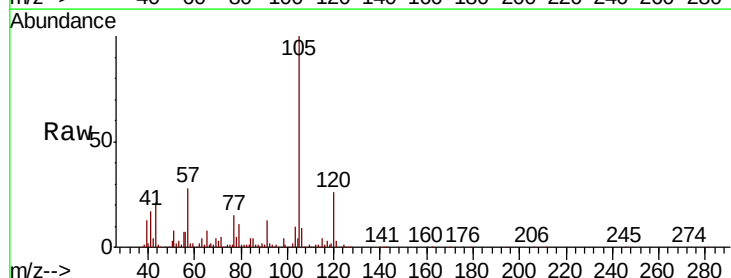
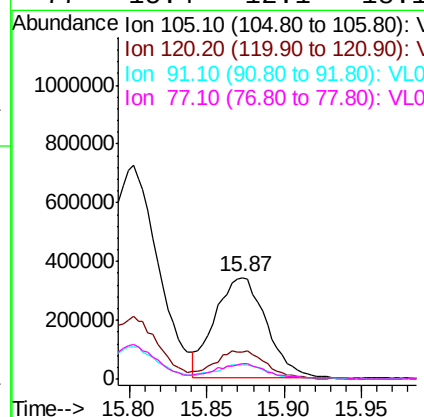
Manual Integrations
APPROVED

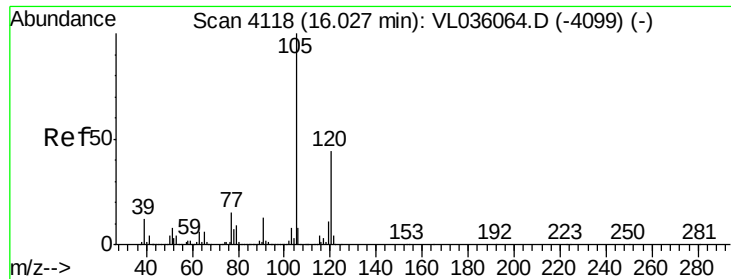
MMDadoda
12/11/2020 5:45:13 PM



#72
4-Ethyltoluene
Concen: 2.817 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.8	23.6	35.4
91	14.4	11.4	17.0
77	15.4	12.1	18.1





#73

1,3,5-Trimethylbenzene

Concen: 1.836 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Instrument :

MSVOA_L

ClientSampled :

IA-3

Tot Ion:105 Resp: 493095

Ion Ratio Lower Upper

105 100

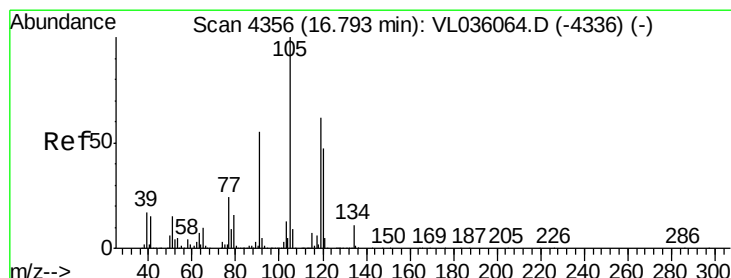
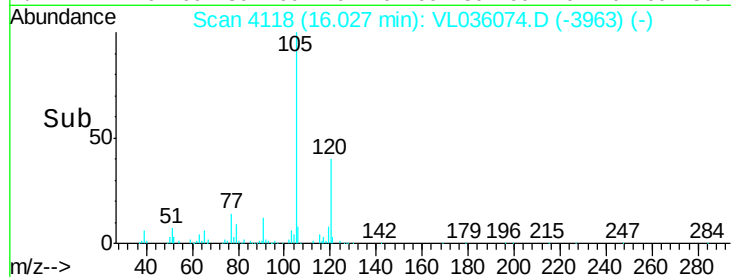
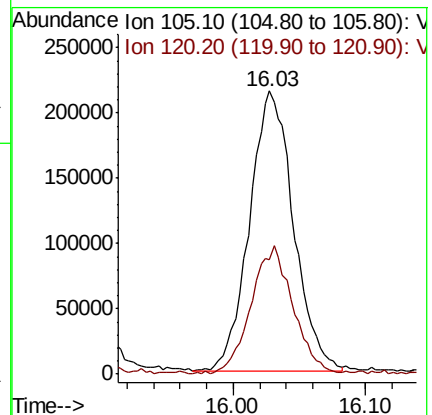
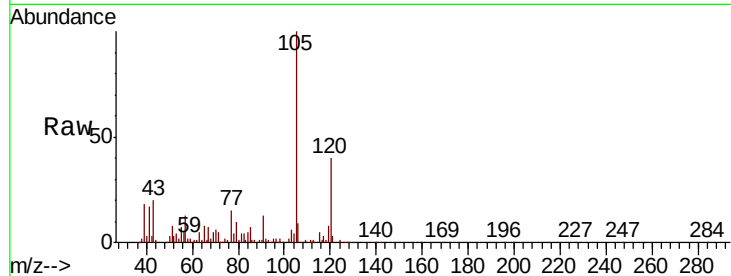
120 40.6 35.4 53.2

Manual Integrations

APPROVED

MMDadoda

12/11/2020 5:45:13 PM



#74

1,2,4-Trimethylbenzene

Concen: 4.335 ppbv

RT: 16.79 min Scan# 4356

Delta R.T. -0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Tgt Ion:105 Resp: 1168248

Ion Ratio Lower Upper

105 100

120 39.9 37.4 56.0

91 12.0 45.6 68.4#

77 14.3 19.4 29.2#

