

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037157.D
 Acq On : 15 Jun 2021 15:07
 Operator : SY/AP
 Sample : M2702-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:01:31 PM

Quant Time: Jun 16 02:06:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 2021
 QLast Update : Mon Jun 14 16:49:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1411326	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4094778	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3686196	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2837692	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	55168	0.245	ppbv	91
3) Chlorodifluoromethane	2.99	51	138880m	0.525	ppbv	
4) Chloromethane	3.15	50	98009	1.086	ppbv	97
9) Propene	3.03	41	267115	3.059	ppbv #	74
10) Heptane	8.14	43	186703	0.897	ppbv	98
11) Trichlorofluoromethane	3.96	101	74878	0.294	ppbv	89
13) Ethanol	3.62	45	4346320	360.210	ppbv	99
15) Acetone	3.86	43	4780501	28.307	ppbv	100
17) tert-Butyl alcohol	4.31	59	66598m	0.456	ppbv	
19) Isopropyl Alcohol	3.99	45	6448145	69.579	ppbv	100
20) Methylene Chloride	4.36	84	5269404	71.594	ppbv	94
26) Hexane	5.70	57	1641736	9.976	ppbv #	54
29) Chloroform	5.77	83	191220	0.720	ppbv	91
30) Cyclohexane	7.14	84	16413m	0.114	ppbv	
34) 2-Butanone	5.26	43	372292	2.421	ppbv	97
35) Carbon Tetrachloride	7.03	117	17647m	0.070	ppbv	
36) Benzene	6.91	78	112329	0.346	ppbv	99
43) Methyl Methacrylate	8.03	69	21496m	0.193	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	115066	0.212	ppbv #	85
50) 4-Methyl-2-Pentanone	8.77	43	46753m	0.207	ppbv	
51) 2-Hexanone	10.16	43	219490	1.944	ppbv #	97
52) Tetrachloroethene	11.24	164	94741	0.705	ppbv	89
53) Toluene	9.83	91	502559	1.301	ppbv	100
58) Ethyl Benzene	12.73	91	352114	0.705	ppbv	97
59) m/p-Xylene	12.99	91	494631m	1.166	ppbv	
60) o-Xylene	13.71	91	175179	0.430	ppbv	98
61) Styrene	13.55	104	32658m	0.152	ppbv	
65) tert-Butylbenzene	16.77	119	53120m	0.101	ppbv	
69) p-Isopropyltoluene	17.67	119	110681	0.189	ppbv	99
70) n-Butylbenzene	18.57	91	138684m	0.259	ppbv	
72) 4-Ethyltoluene	15.85	105	84125m	0.178	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	95795	0.213	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.78	105	420963	0.922	ppbv #	73
76) 1,4-Dichlorobenzene	17.15	146	185603	0.664	ppbv	92
79) Naphthalene	22.22	128	331614m	1.206	ppbv	
80) Naphthalene,2-methyl-	24.99	142	16762m	0.252	ppbv	

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

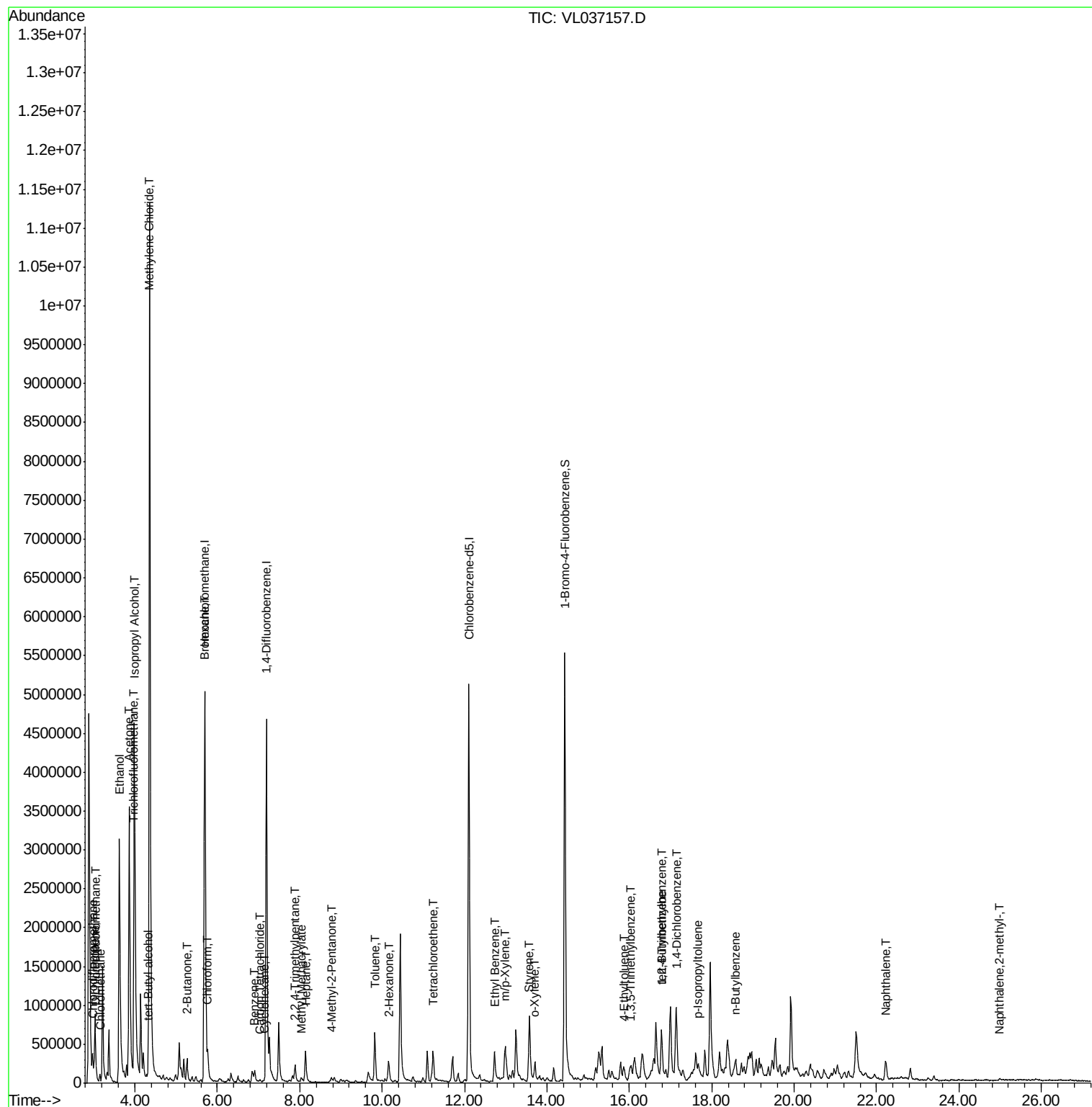
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
Data File : VL037157.D
Acq On : 15 Jun 2021 15:07
Operator : SY/AP
Sample : M2702-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

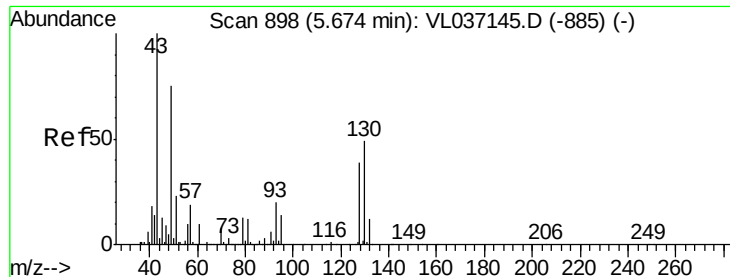
Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations
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Quant Time: Jun 16 02:06:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun
QLast Update : Mon Jun 14 16:49:11 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

ClientSampled :

IA1

Tot Ion: 49 Resp: 1411326

Ion Ratio Lower Upper

49 100

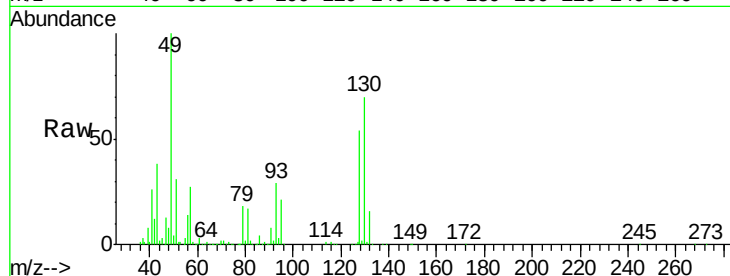
128 55.9 28.8 86.5

130 72.5 36.0 108.0

Manual Integrations
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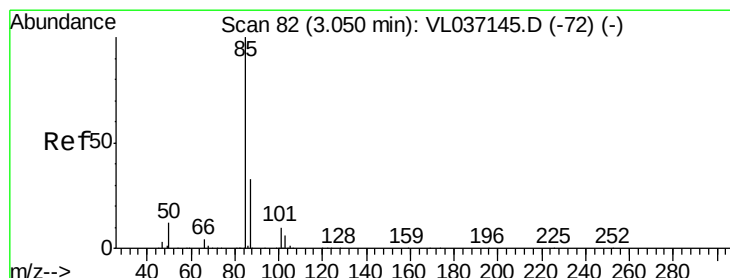
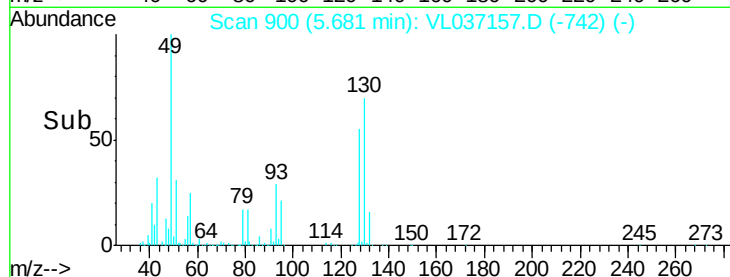
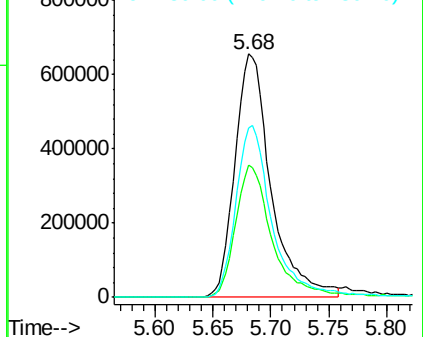
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.245 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL037157.D

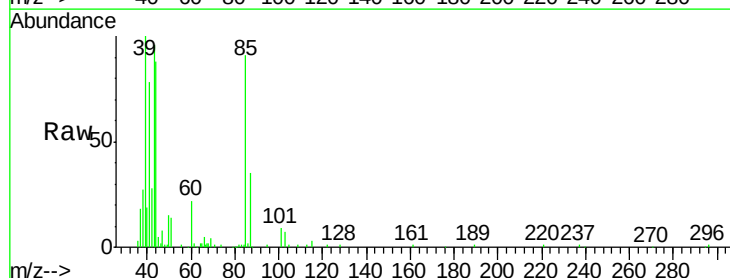
Acq: 15 Jun 2021 15:07

Tgt Ion: 85 Resp: 55168

Ion Ratio Lower Upper

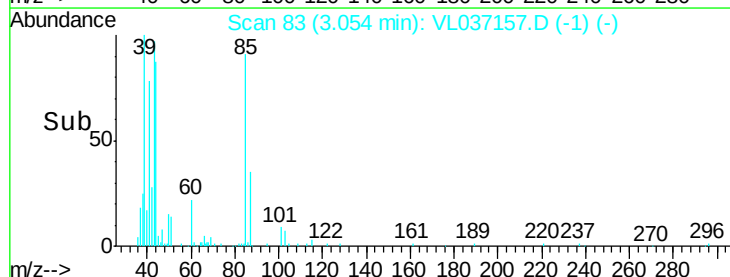
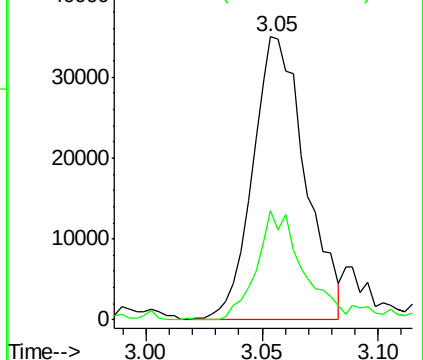
85 100

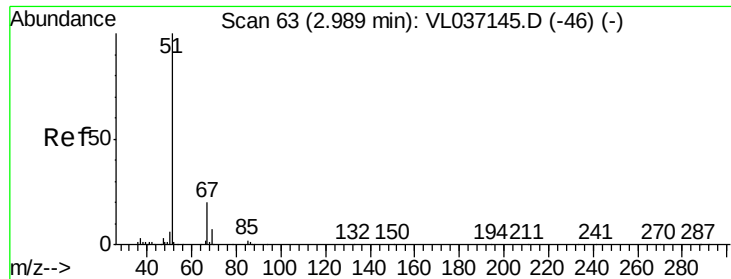
87 38.1 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.525 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.00 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

ClientSampled :

IA1

Tot Ion: 51 Resp: 138880

Ion Ratio Lower Upper

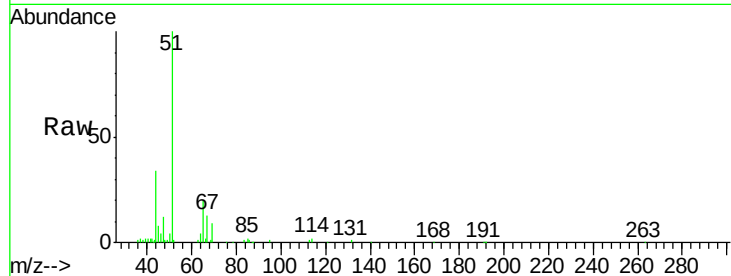
51 100

67 15.5 15.9 23.9#

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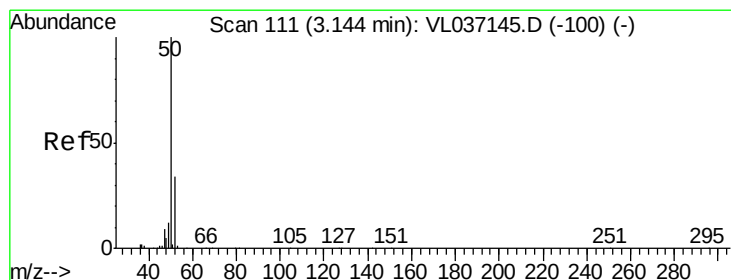
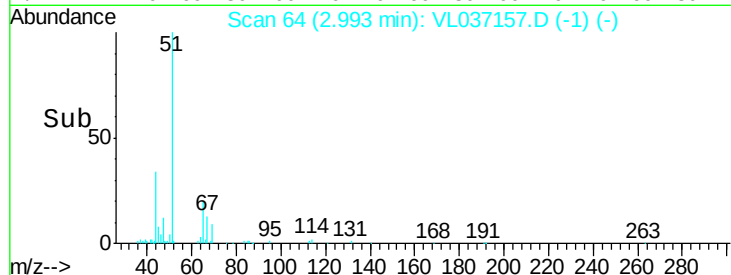
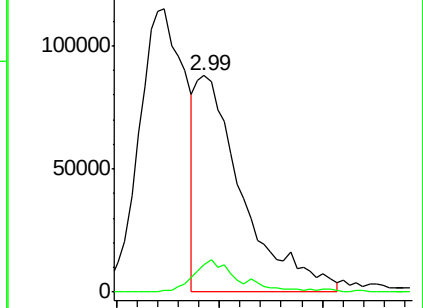
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 1.086 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL037157.D

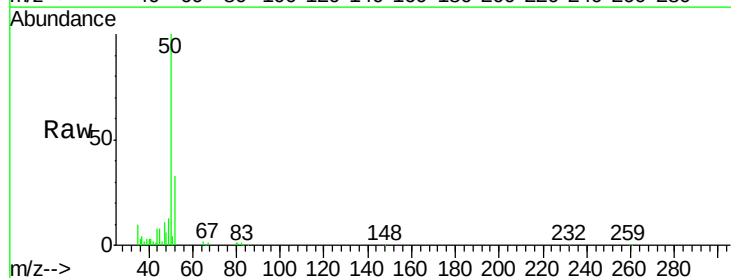
Acq: 15 Jun 2021 15:07

Tgt Ion: 50 Resp: 98009

Ion Ratio Lower Upper

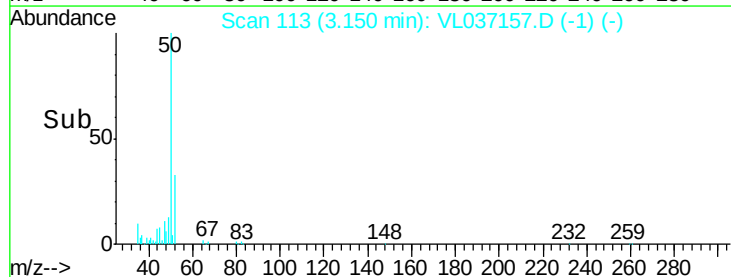
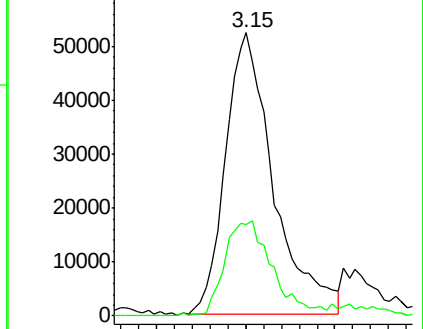
50 100

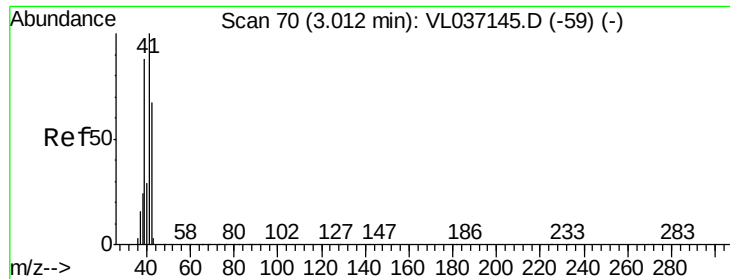
52 32.7 27.4 41.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 3.059 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

ClientSampled :

IA1

Tot Ion: 41 Resp: 267115

Ion Ratio Lower Upper

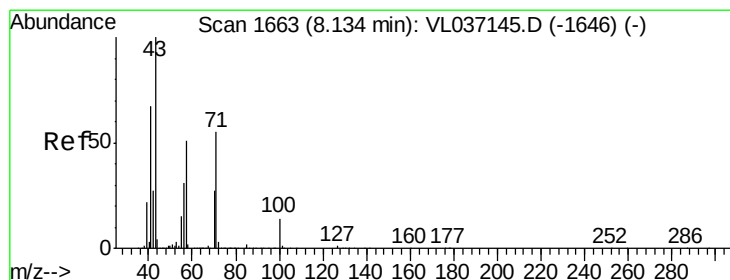
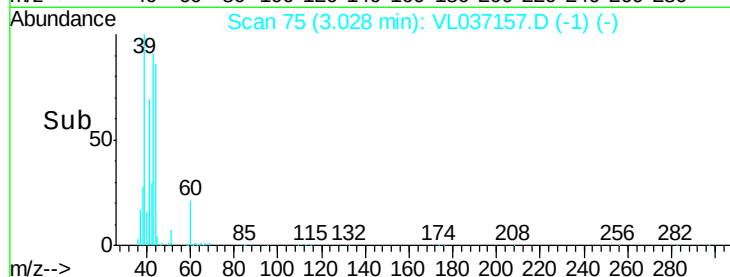
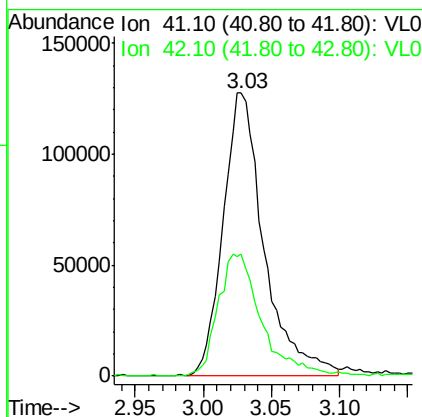
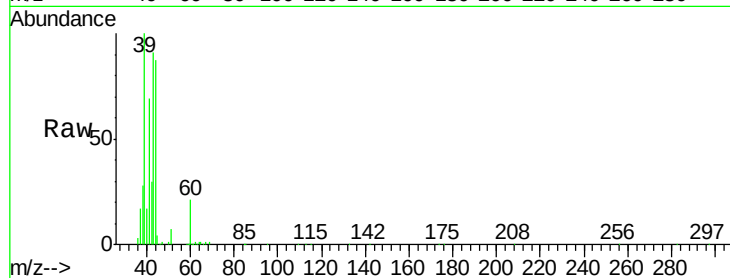
41 100

42 46.6 53.8 80.8#

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#10

Heptane

Concen: 0.897 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VL037157.D

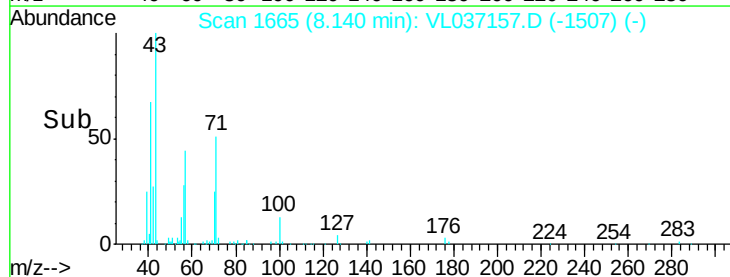
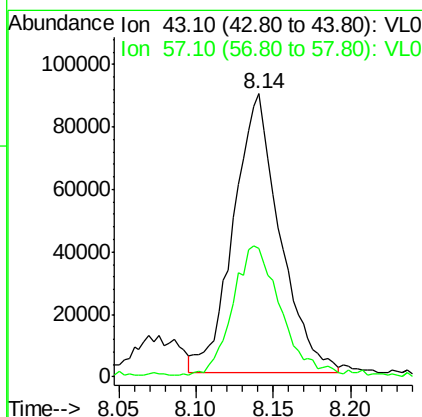
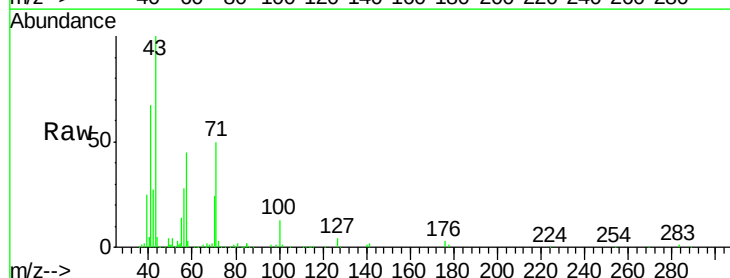
Acq: 15 Jun 2021 15:07

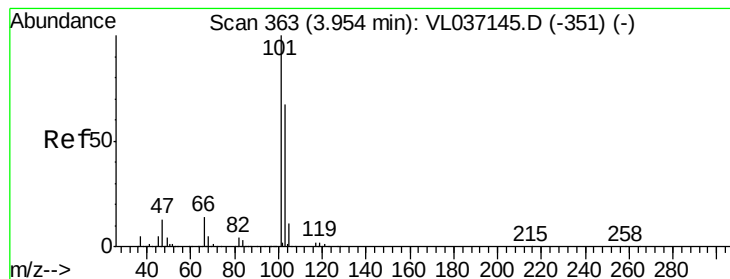
Tgt Ion: 43 Resp: 186703

Ion Ratio Lower Upper

43 100

57 49.5 40.5 60.7





#11

Trichlorofluoromethane

Concen: 0.294 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tot Ion:101 Resp: 74878

Ion Ratio Lower Upper

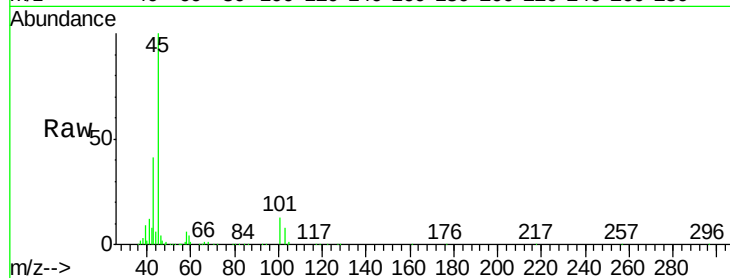
101 100

103 58.0 53.6 80.4

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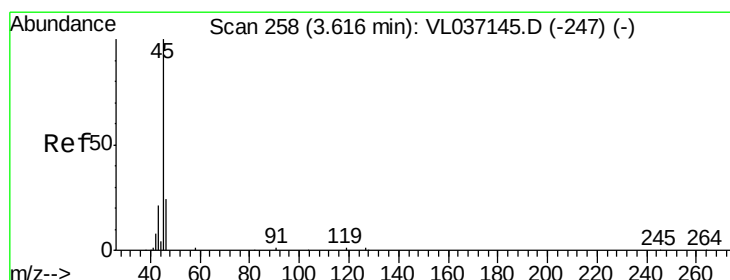
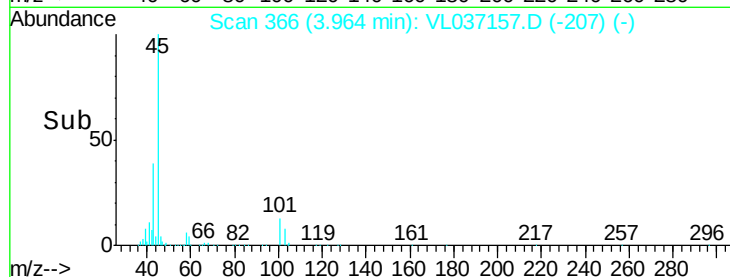
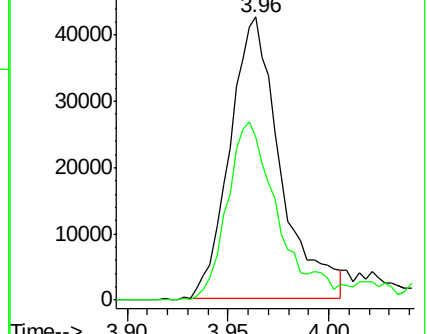
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 360.210 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.00 min

Lab File: VL037157.D

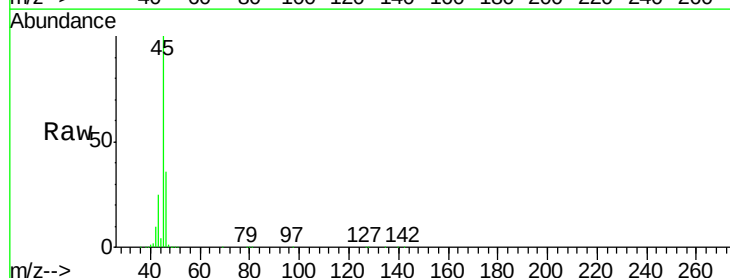
Acq: 15 Jun 2021 15:07

Tgt Ion: 45 Resp: 4346320

Ion Ratio Lower Upper

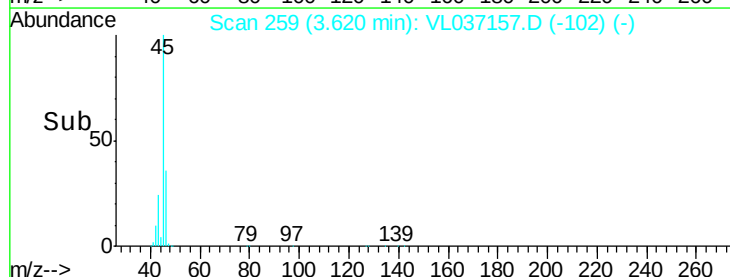
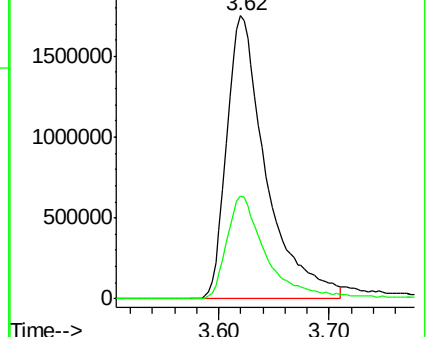
45 100

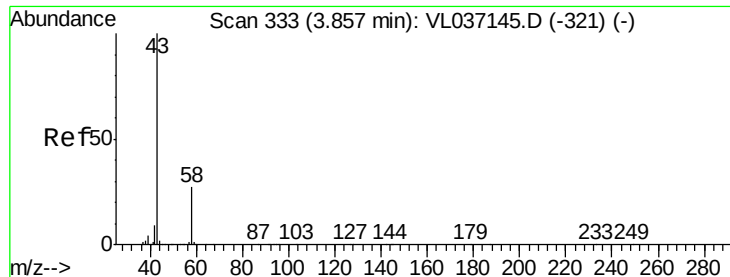
46 37.7 15.4 61.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





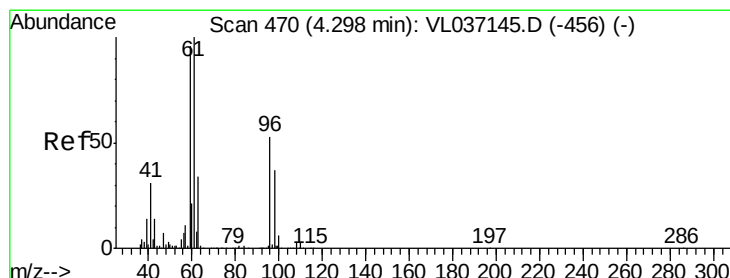
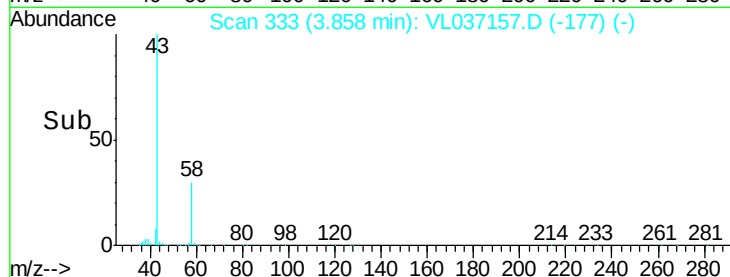
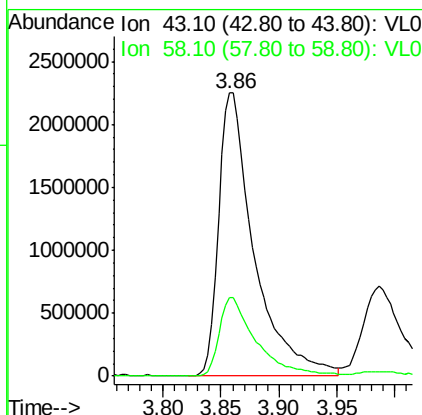
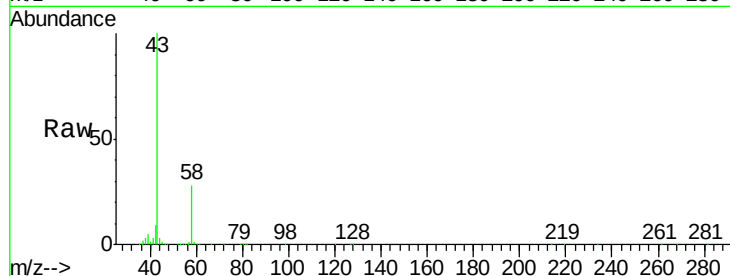
#15
Acetone
Concen: 28.307 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tot Ion: 43 Resp: 4780501
Ion Ratio Lower Upper
43 100
58 29.0 23.0 34.6

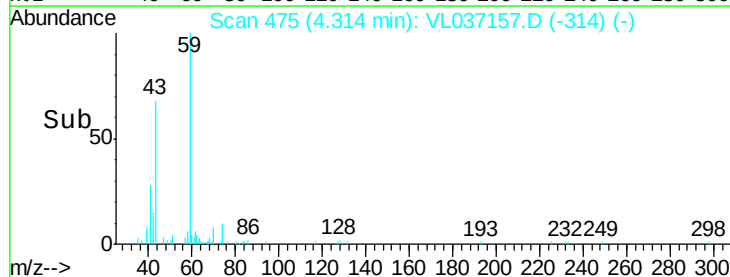
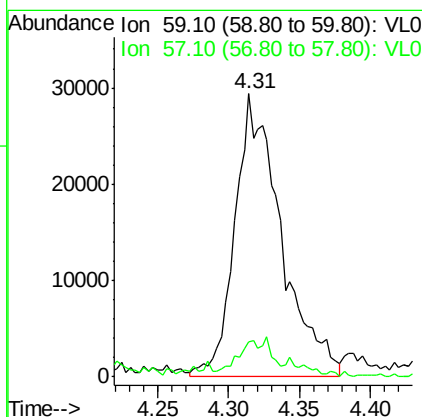
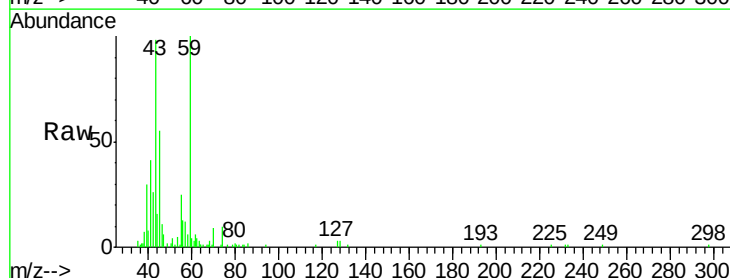
Manual Integrations
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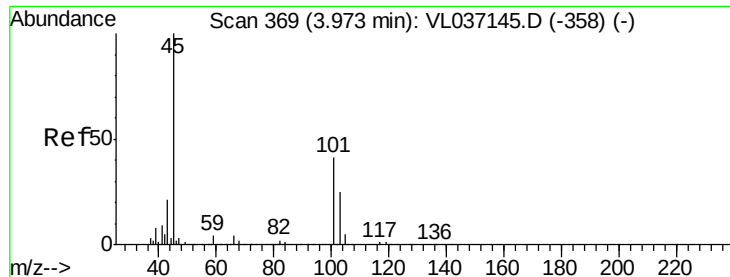
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#17
tert-Butyl alcohol
Concen: 0.456 ppbv m
RT: 4.31 min Scan# 475
Delta R.T. 0.02 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Tgt Ion: 59 Resp: 66598
Ion Ratio Lower Upper
59 100
57 44.2 8.8 13.2#





#19

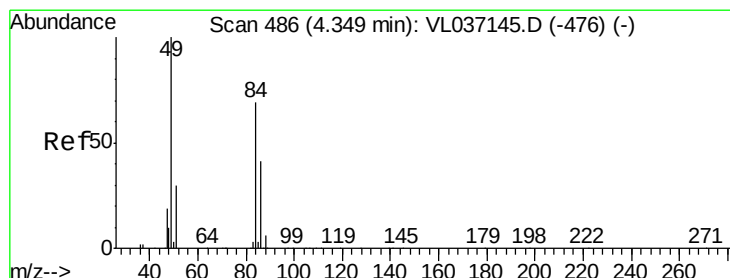
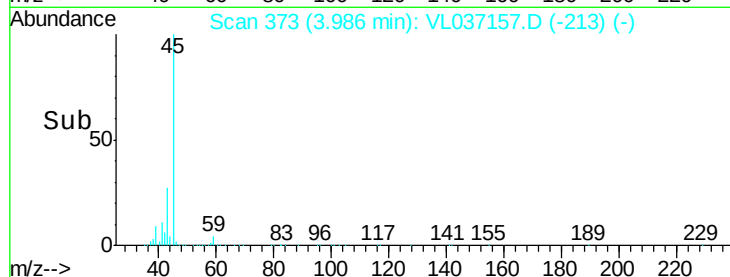
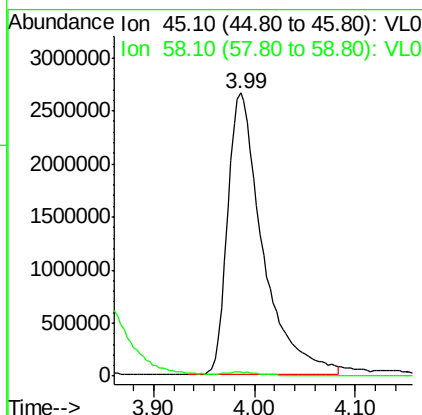
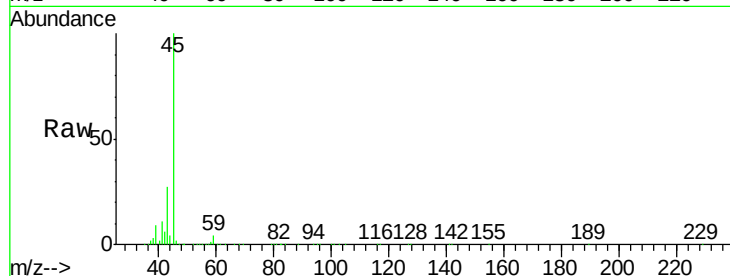
Isopropyl Alcohol
 Concen: 69.579 ppbv
 RT: 3.99 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VL037157.D
 Acq: 15 Jun 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Tot Ion: 45 Resp: 6448145
 Ion Ratio Lower Upper
 45 100
 58 1.8 1.4 2.2

Manual Integrations
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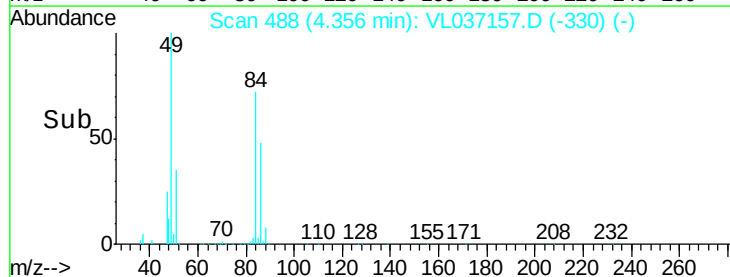
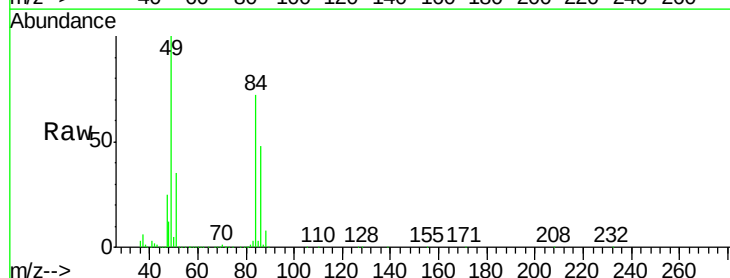
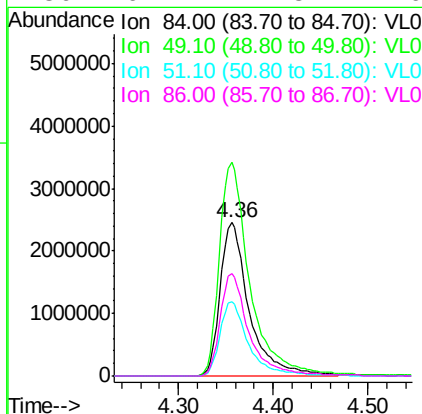
MMDadoda
 6/16/2021 5:01:31 PM

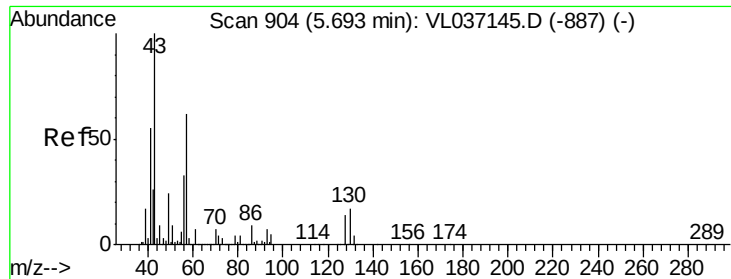


#20

Methylene Chloride
 Concen: 71.594 ppbv
 RT: 4.36 min Scan# 488
 Delta R.T. 0.01 min
 Lab File: VL037157.D
 Acq: 15 Jun 2021 15:07

Tgt Ion: 84 Resp: 5269404
 Ion Ratio Lower Upper
 84 100
 49 139.3 115.3 172.9
 51 48.4 34.2 51.4
 86 67.1 47.8 71.6





#26

Hexane

Concen: 9.976 ppbv

RT: 5.70 min Scan# 907

Delta R.T. 0.01 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :
MSVOA_L
ClientSampled :
IA1

Tot Ion: 57 Resp: 1641736

Ion Ratio Lower Upper

57 100

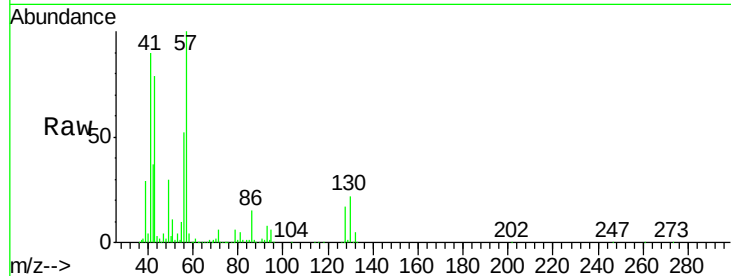
41 90.2 73.6 110.4

43 90.9 168.8 253.2#

56 53.4 42.3 63.5

Manual Integrations
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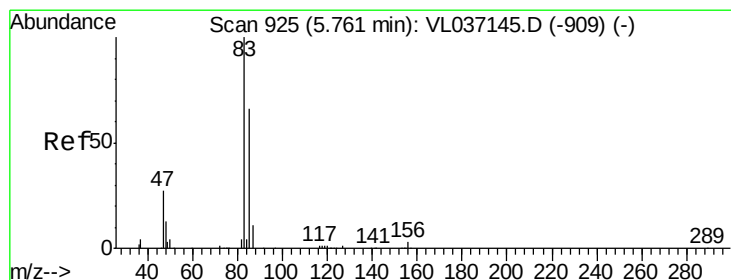
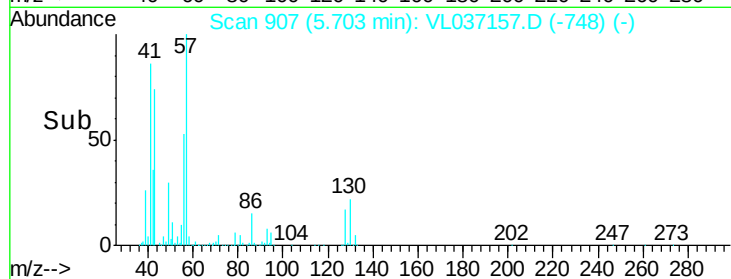
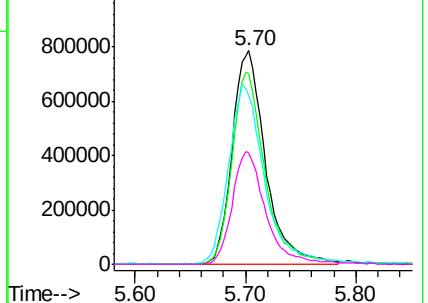


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#29

Chloroform

Concen: 0.720 ppbv

RT: 5.77 min Scan# 928

Delta R.T. 0.01 min

Lab File: VL037157.D

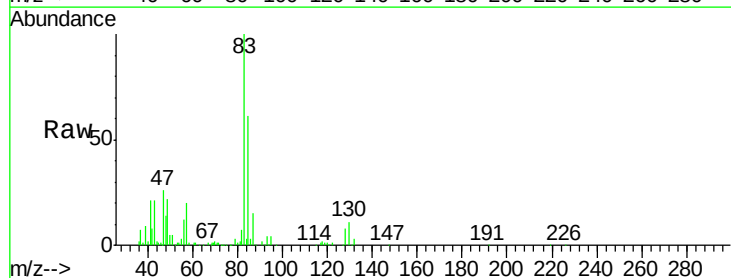
Acq: 15 Jun 2021 15:07

Tgt Ion: 83 Resp: 191220

Ion Ratio Lower Upper

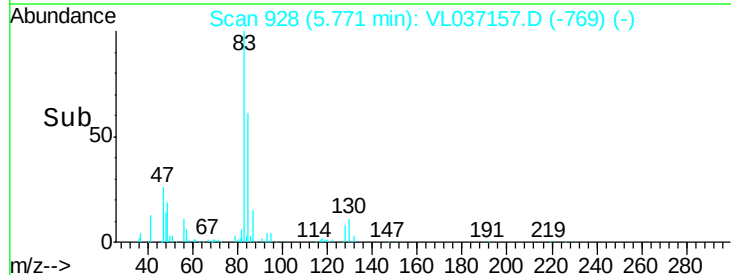
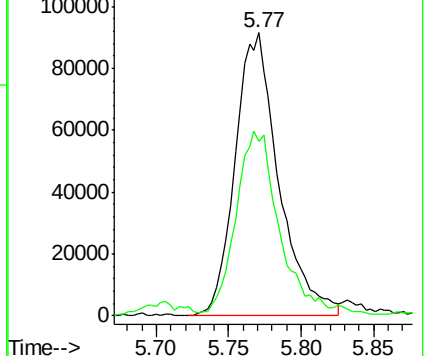
83 100

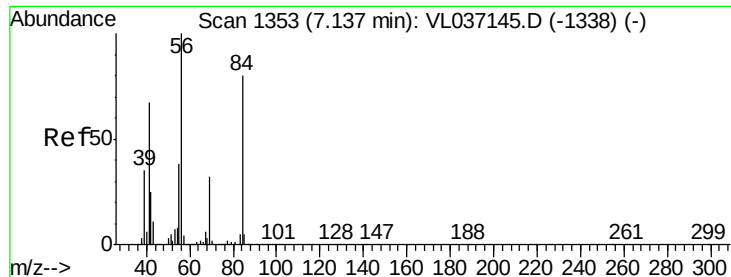
85 58.2 52.6 78.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





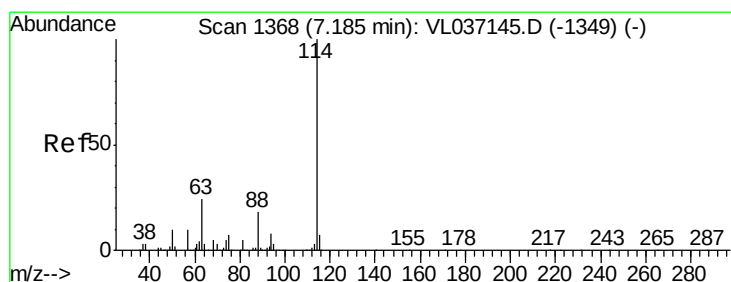
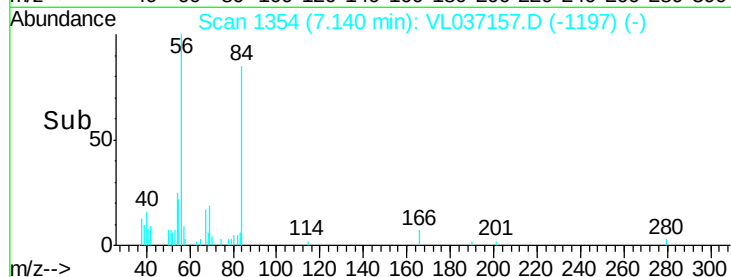
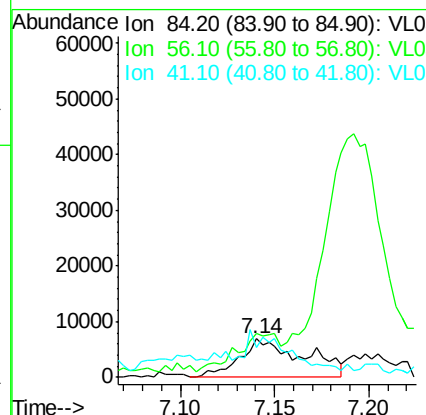
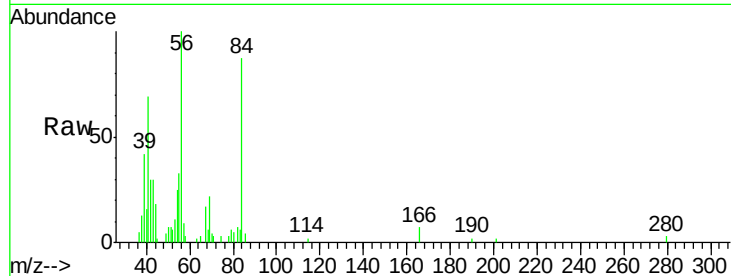
#30
Cyclohexane
Concen: 0.114 ppbv m
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Instrument :
MSVOA_L
ClientSampled :
IA1

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	103.9	155.9#
41	0.0	66.5	99.7#

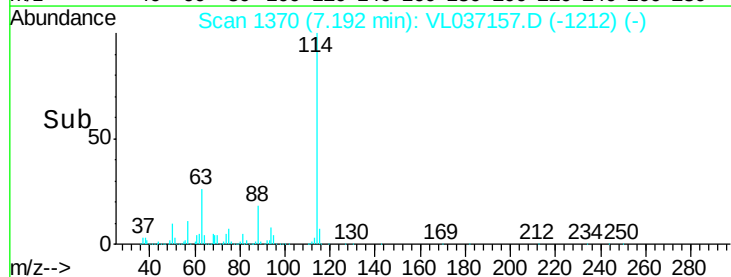
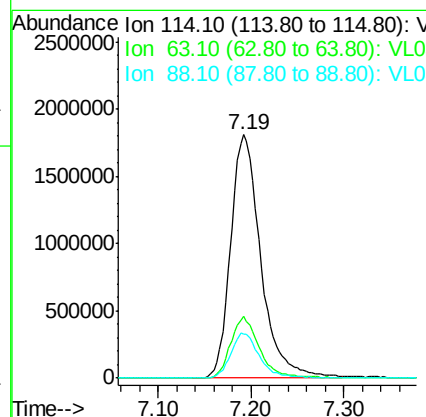
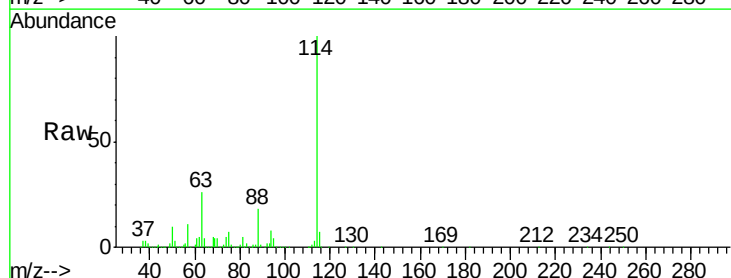
Manual Integrations
APPROVED

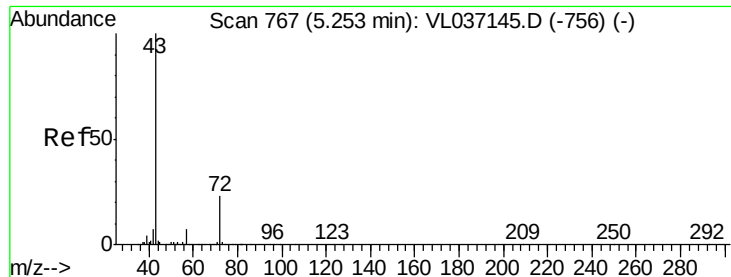
MMDadoda
6/16/2021 5:01:31 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.8	29.6
88	17.9	14.3	21.5





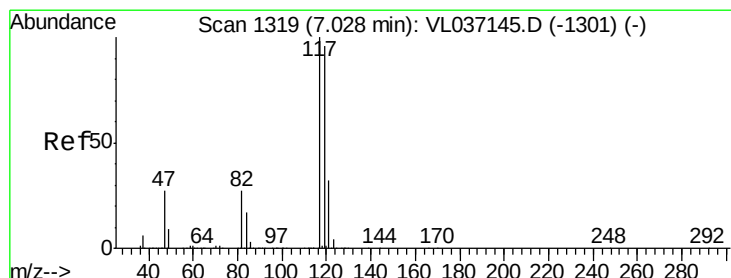
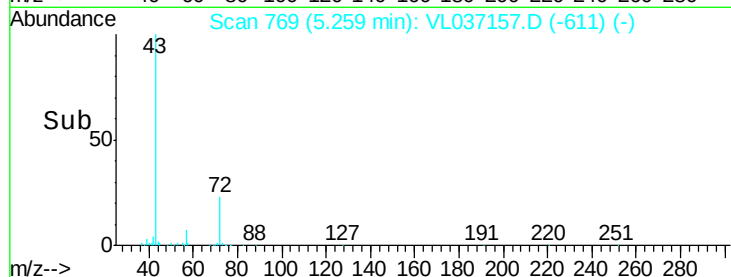
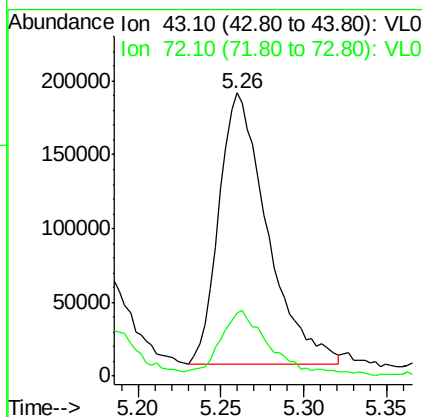
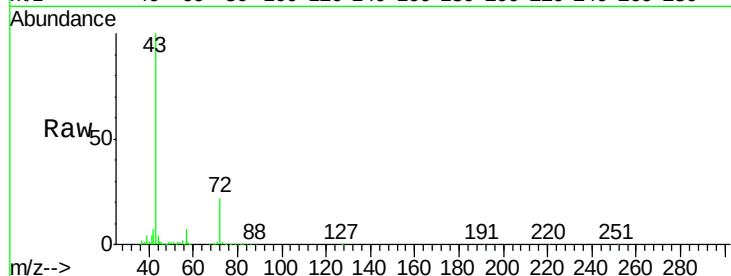
#34
2-Butanone
Concen: 2.421 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Instrument :
MSVOA_L
ClientSampled :
IA1

Tot Ion	43	Resp	372292
Ion Ratio	Lower	Upper	
43	100		
72	24.7	18.6	28.0

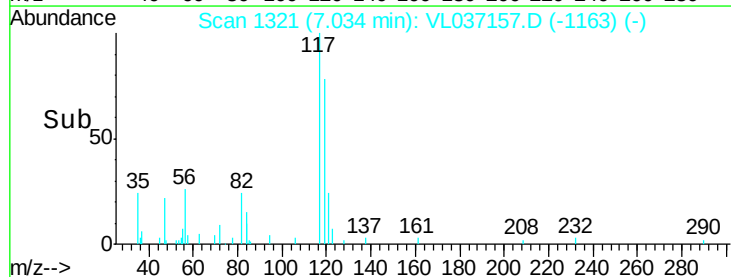
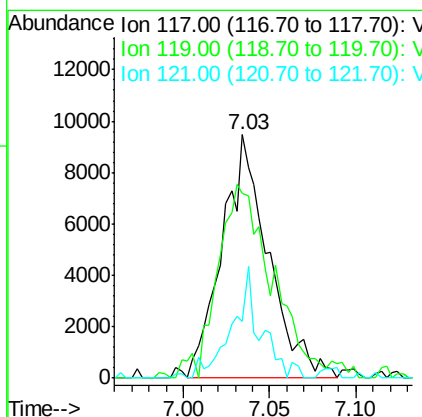
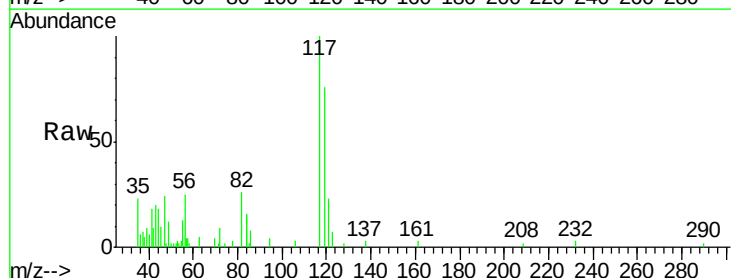
Manual Integrations
APPROVED

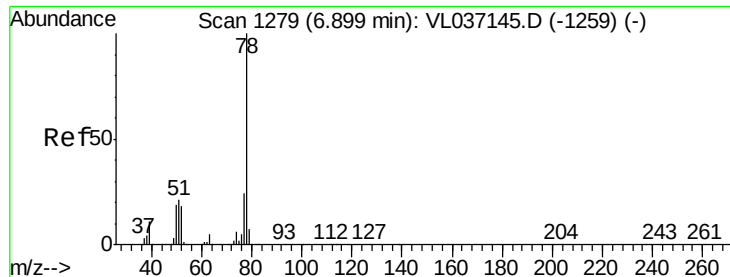
MMDadoda
6/16/2021 5:01:31 PM



#35
Carbon Tetrachloride
Concen: 0.070 ppbv m
RT: 7.03 min Scan# 1321
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Tgt Ion	117	Resp	17647
Ion Ratio	Lower	Upper	
117	100		
119	75.7	77.0	115.4#
121	23.1	25.4	38.0#





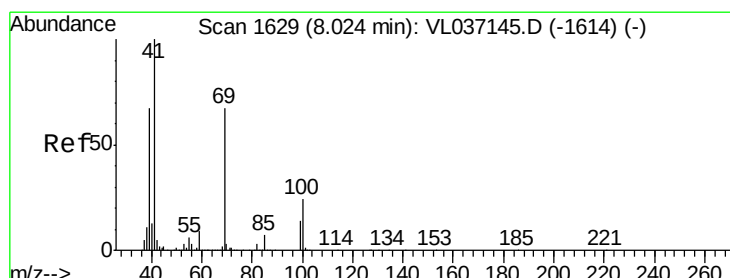
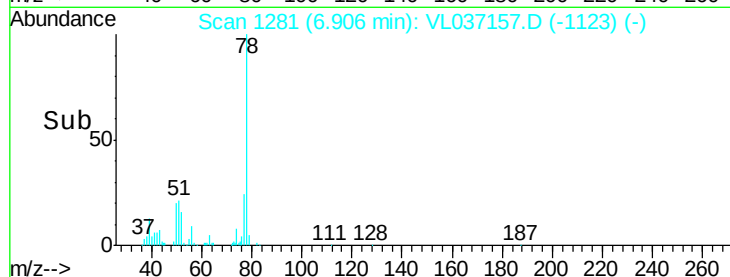
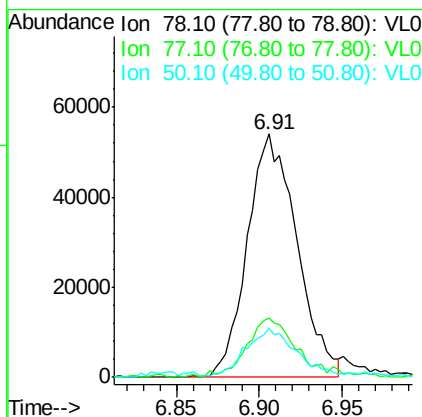
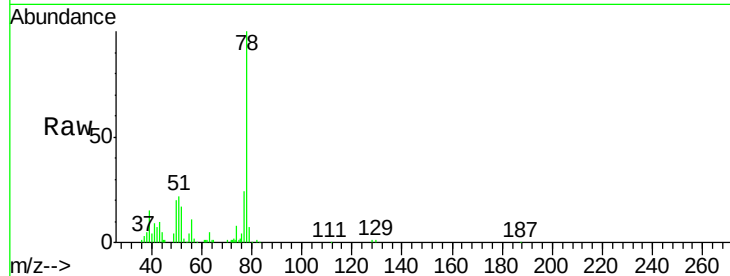
#36
Benzene
Concen: 0.346 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tot Ion:	78	Resp:	112329
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3
50	19.3	15.5	23.3

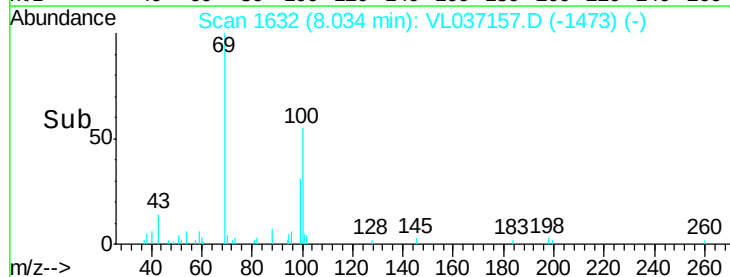
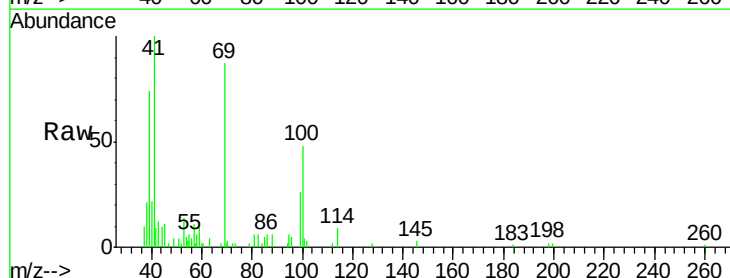
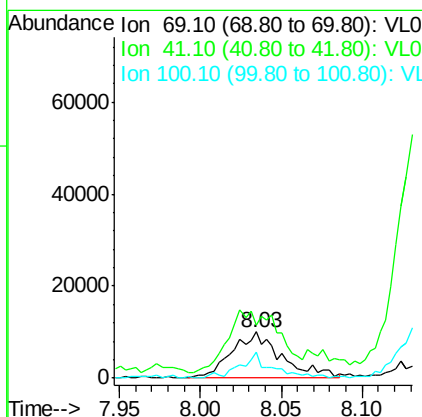
Manual Integrations
APPROVED

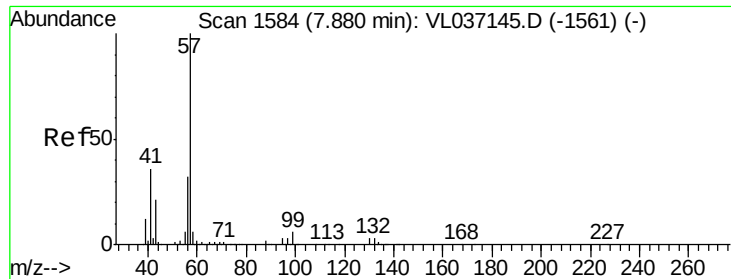
MMDadoda
6/16/2021 5:01:31 PM



#43
Methyl Methacrylate
Concen: 0.193 ppbv m
RT: 8.03 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Tgt Ion:	69	Resp:	21496
Ion	Ratio	Lower	Upper
69	100		
41	0.0	117.7	176.5#
100	36.4	27.9	41.9





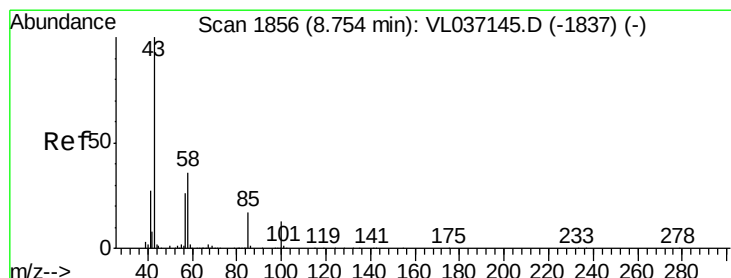
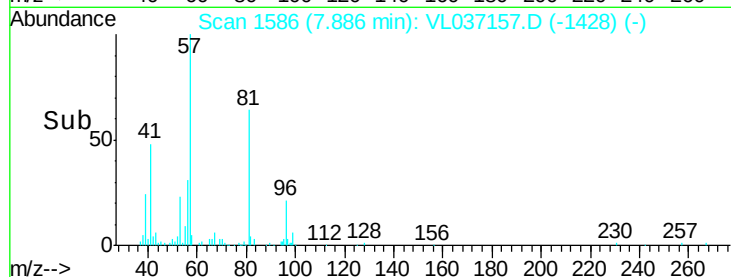
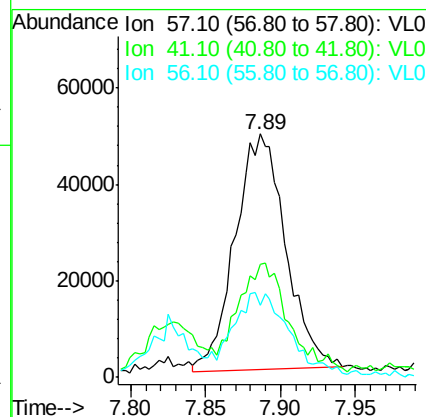
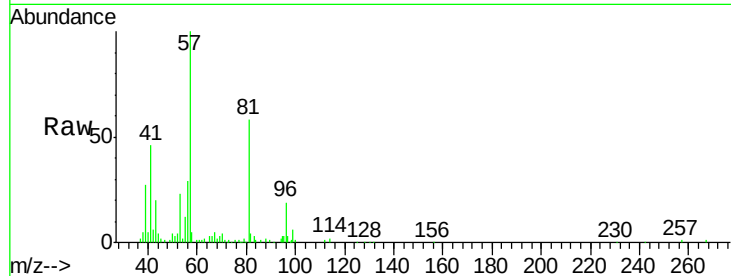
#44
 2,2,4-Trimethylpentane
 Concen: 0.212 ppbv
 RT: 7.89 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VL037157.D
 Acq: 15 Jun 2021 15:07

Instrument :
 MSVOA_L
 ClientSampled :
 IA1

Tot Ion	Ratio	Lower	Upper
57	100		
41	45.9	28.1	42.1#
56	38.4	25.4	38.2#

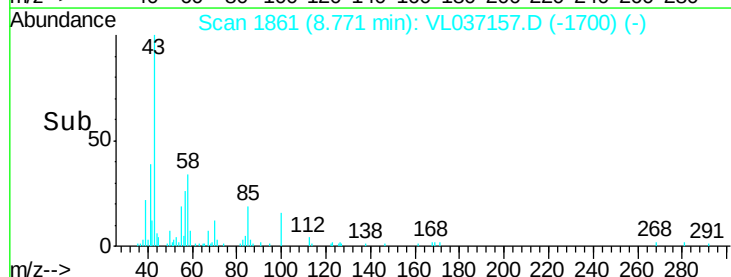
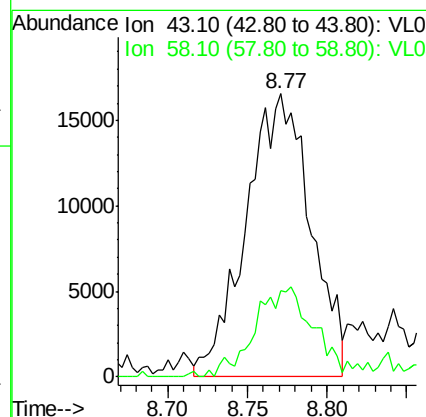
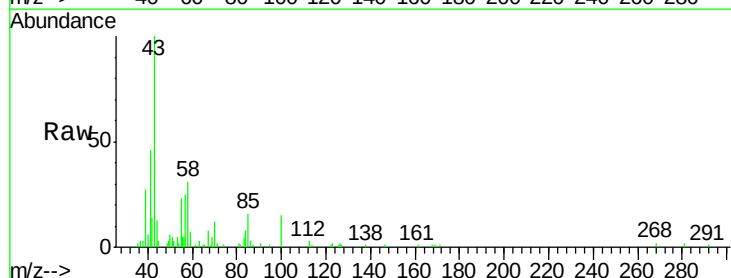
Manual Integrations
 APPROVED

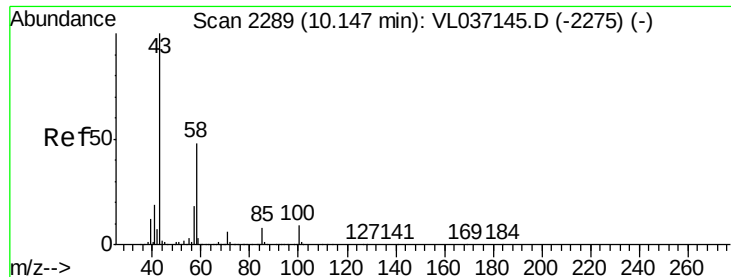
MMDadoda
 6/16/2021 5:01:31 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.207 ppbv m
 RT: 8.77 min Scan# 1861
 Delta R.T. 0.02 min
 Lab File: VL037157.D
 Acq: 15 Jun 2021 15:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.6#





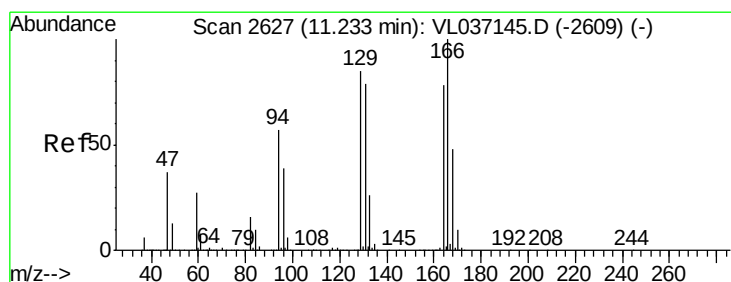
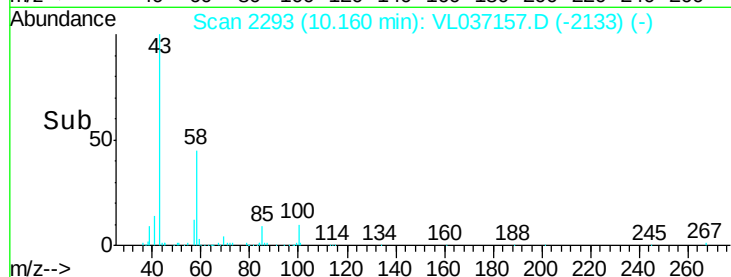
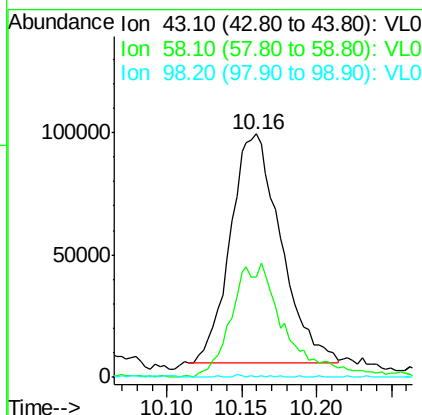
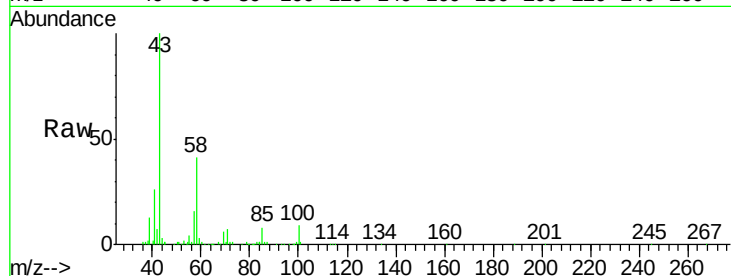
#51
2-Hexanone
Concen: 1.944 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Instrument :
MSVOA_L
ClientSampled :
IA1

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.5	40.1	60.1
98	0.8	0.2	0.4

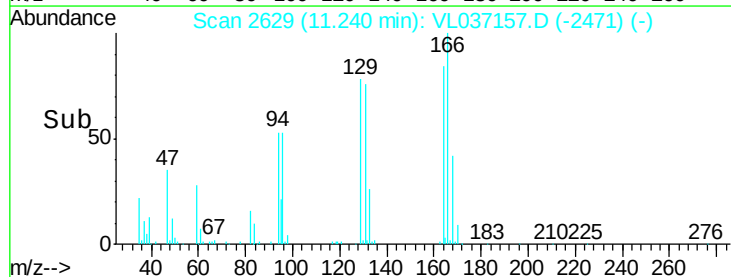
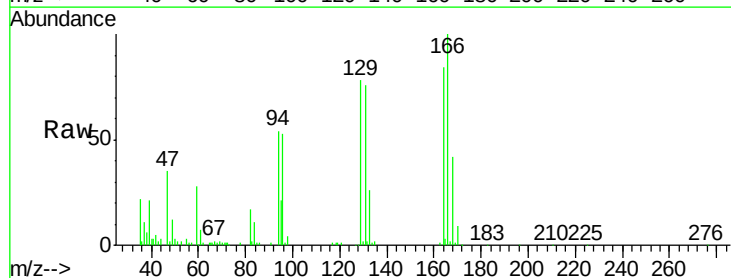
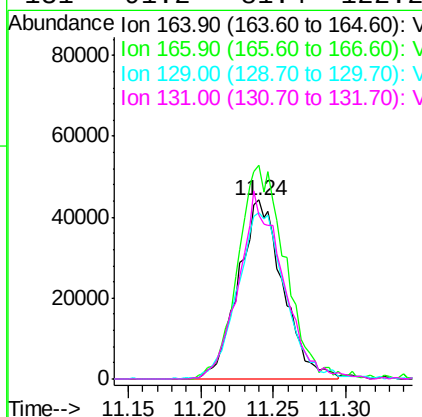
Manual Integrations
APPROVED

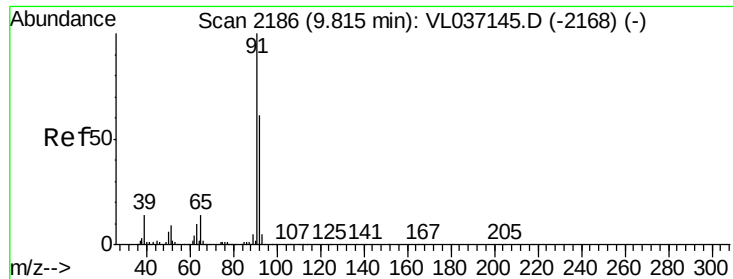
MMDadoda
6/16/2021 5:01:31 PM



#52
Tetrachloroethene
Concen: 0.705 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.2	102.6	154.0
129	92.2	87.4	131.2
131	91.2	81.4	122.2





#53

Toluene

Concen: 1.301 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. 0.01 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

ClientSampled :

IA1

Tot Ion: 91 Resp: 502559

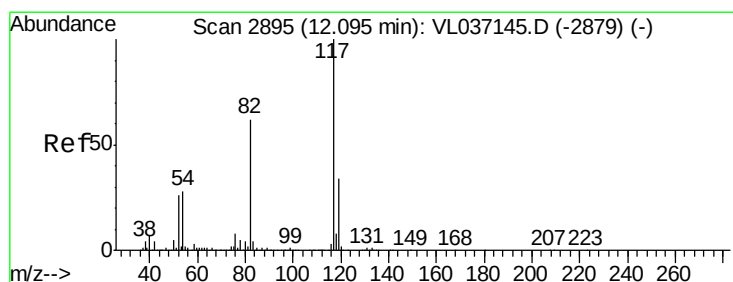
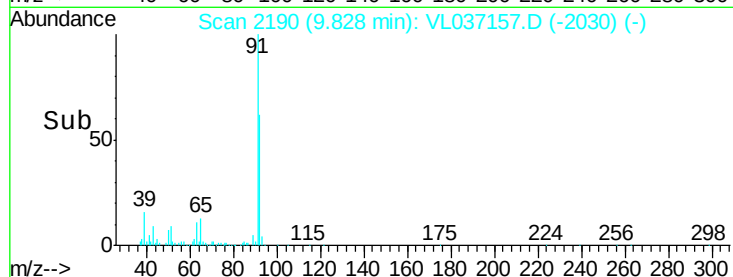
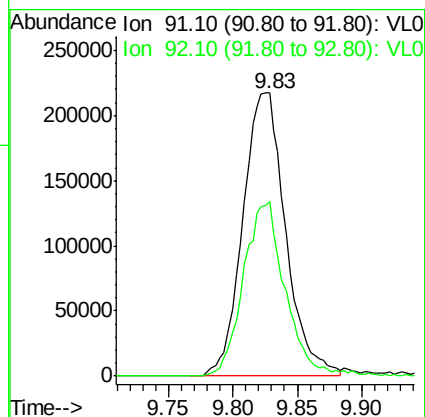
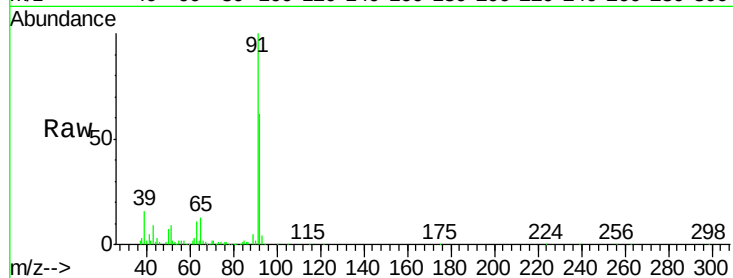
Ion Ratio Lower Upper

91 100

92 60.4 48.6 73.0

Manual Integrations
APPROVED

MMDadoda
6/16/2021 5:01:31 PM



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.01 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

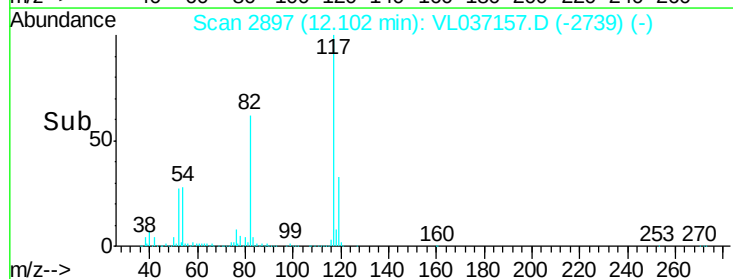
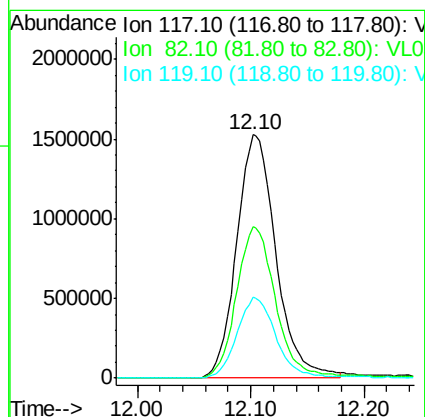
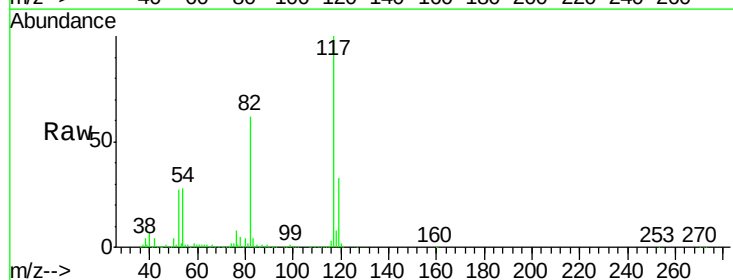
Tgt Ion: 117 Resp: 3686196

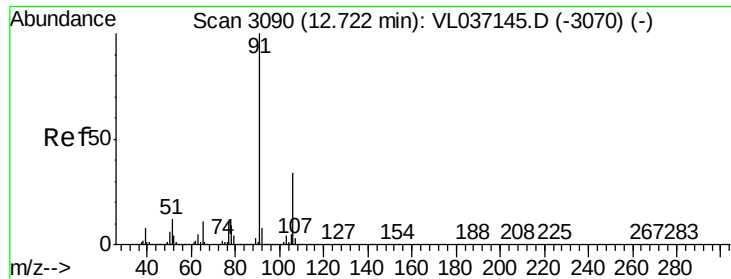
Ion Ratio Lower Upper

117 100

82 63.4 50.6 76.0

119 33.9 27.1 40.7





#58

Ethyl Benzene

Concen: 0.705 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.01 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tot Ion: 91 Resp: 352114

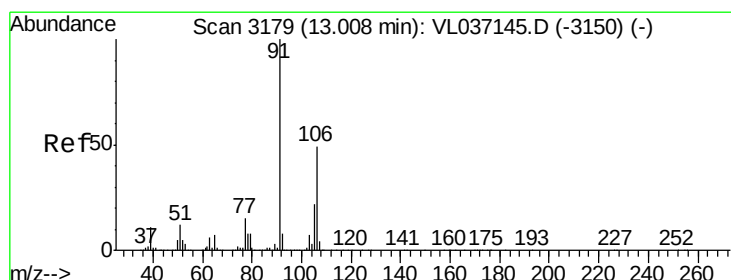
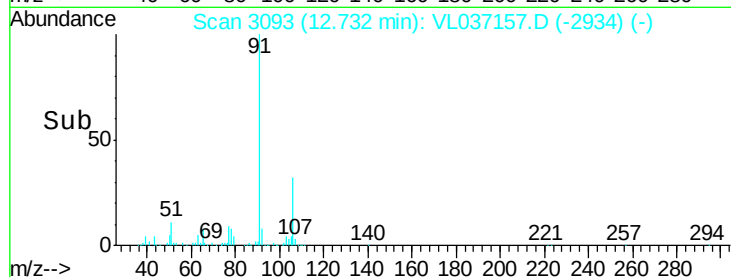
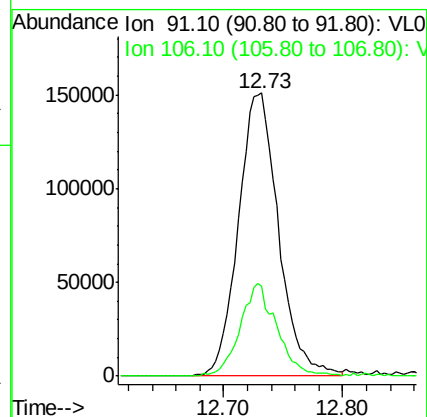
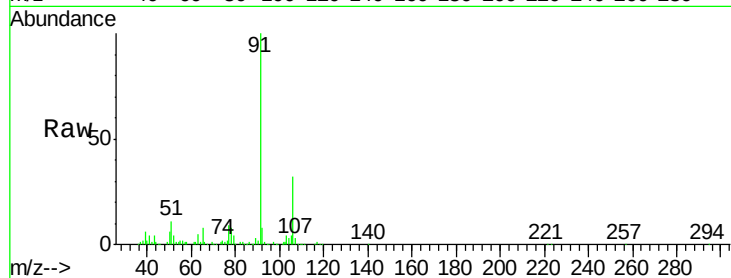
Ion Ratio Lower Upper

91 100

106 31.7 26.8 40.2

Manual Integrations
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6/16/2021 5:01:31 PM



#59

m/p-Xylene

Concen: 1.166 ppbv m

RT: 12.99 min Scan# 3172

Delta R.T. -0.02 min

Lab File: VL037157.D

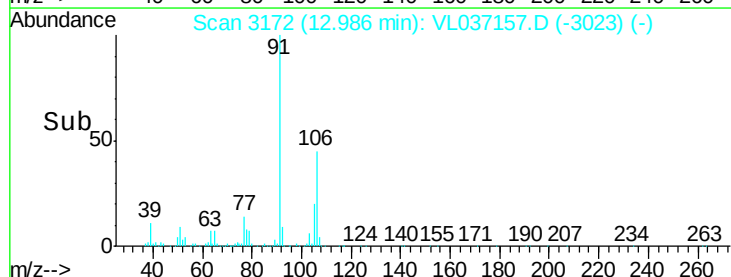
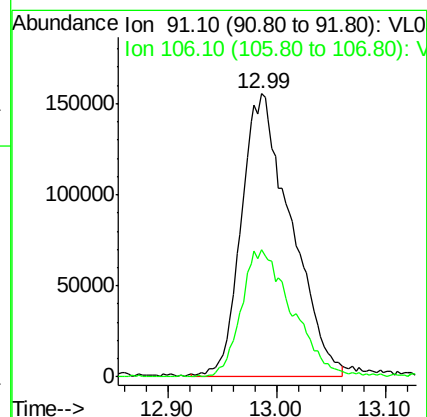
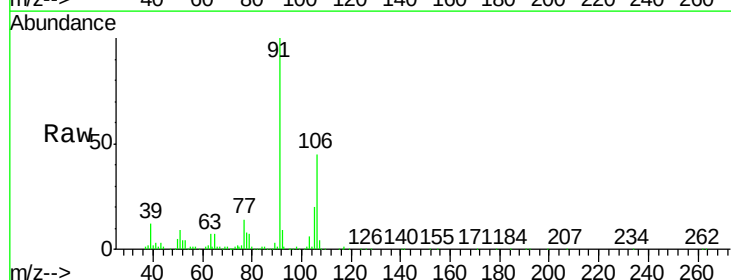
Acq: 15 Jun 2021 15:07

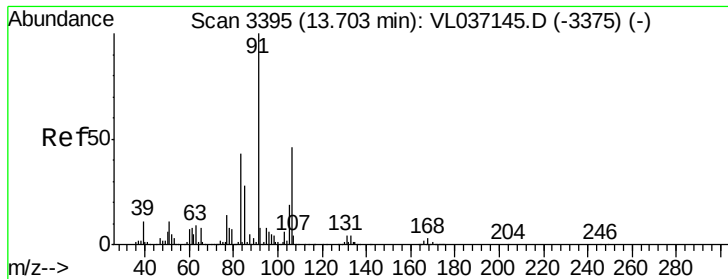
Tgt Ion: 91 Resp: 494631

Ion Ratio Lower Upper

91 100

106 46.5 36.9 55.3





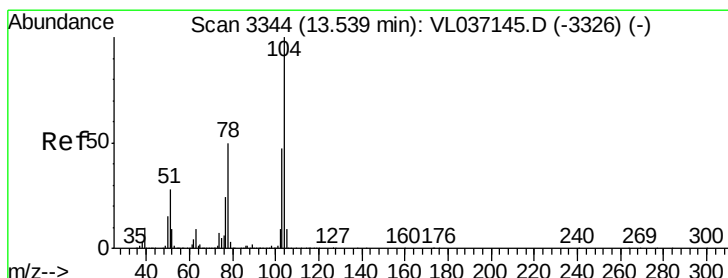
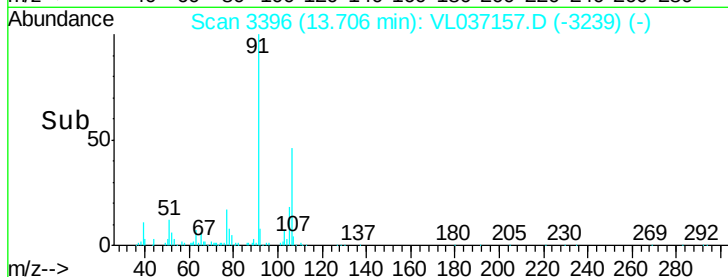
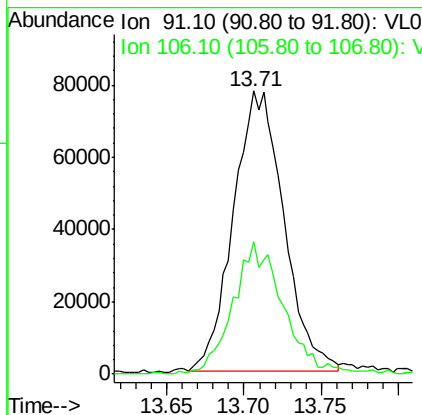
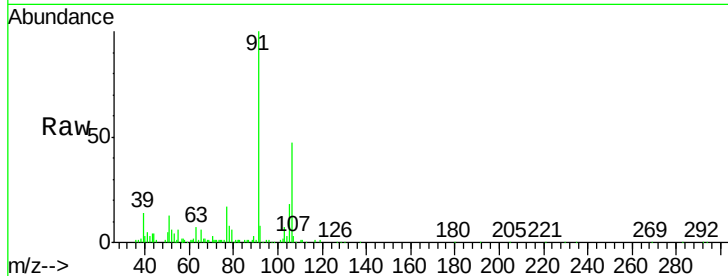
#60
o-Xylene
Concen: 0.430 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Instrument :
MSVOA_L
ClientSampled :
IA1

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	47.7	23.1	69.3	

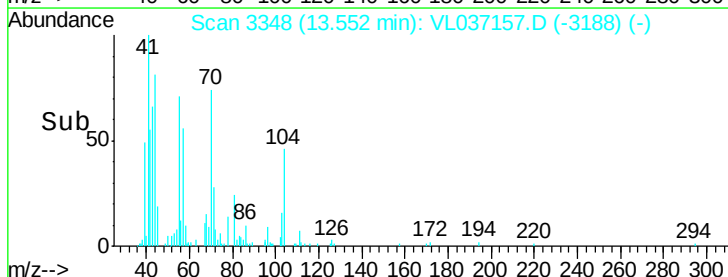
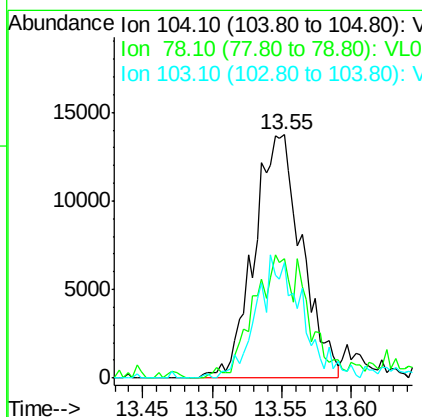
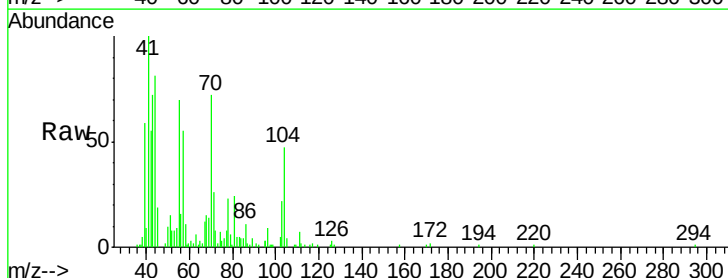
Manual Integrations
APPROVED

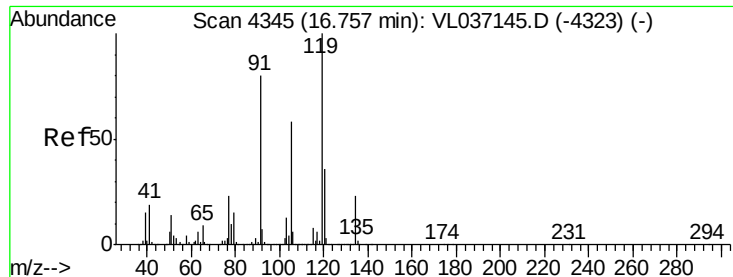
MMDadoda
6/16/2021 5:01:31 PM



#61
Styrene
Concen: 0.152 ppbv m
RT: 13.55 min Scan# 3348
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	55.8	40.9	61.3	
103	47.3	38.6	58.0	





#65

tert-Butylbenzene

Concen: 0.101 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.02 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

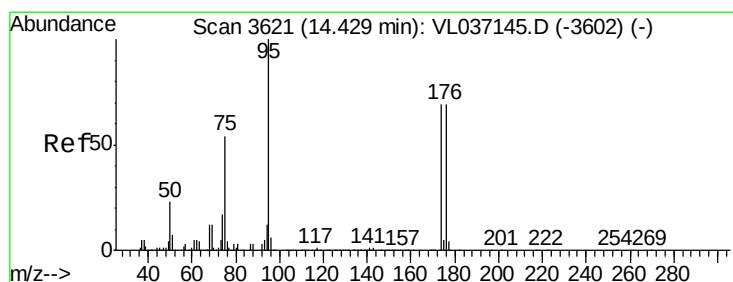
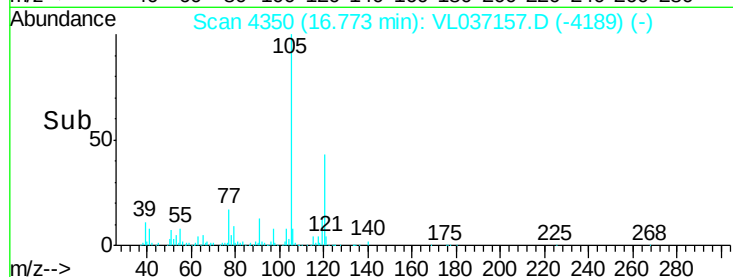
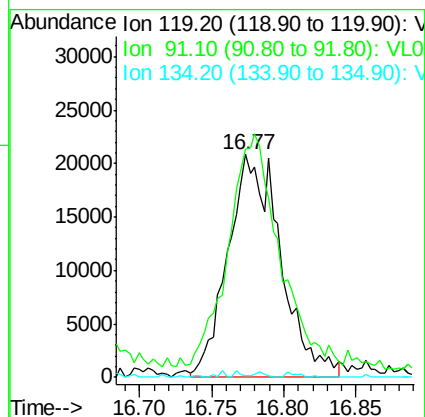
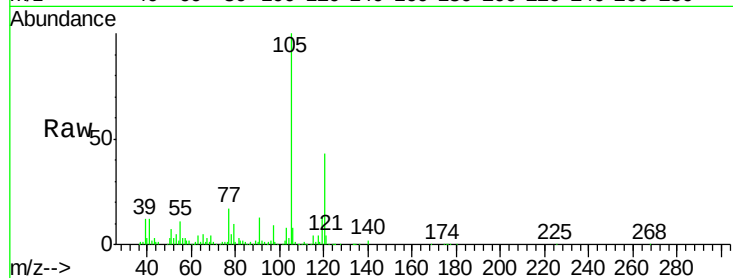
ClientSampled :

IA1

Tot Ion	Ratio	Lower	Upper
119	100		
91	108.3	62.8	94.2#
134	1.5	16.5	24.7#

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.451 ppbv

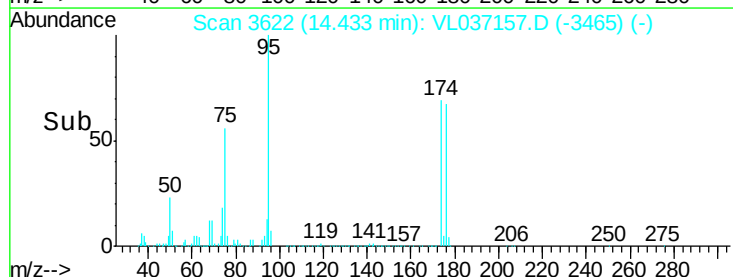
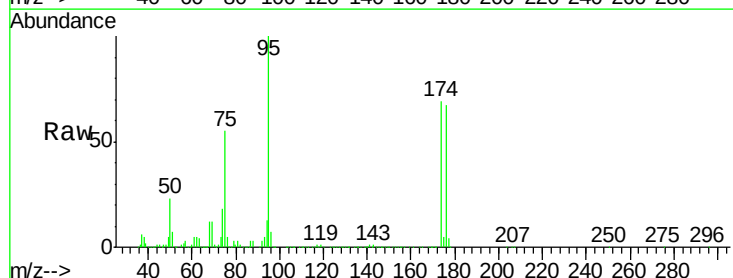
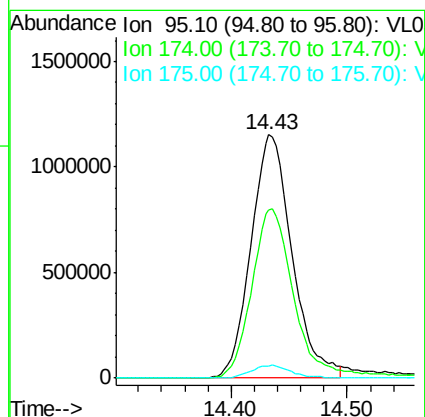
RT: 14.43 min Scan# 3622

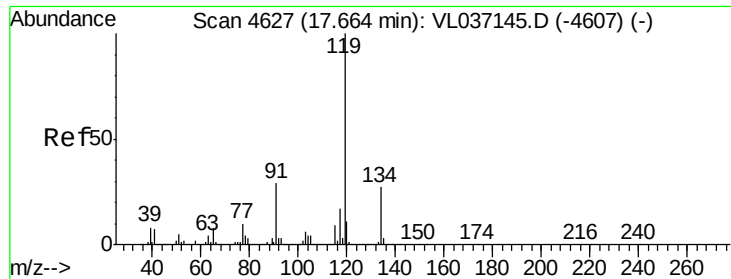
Delta R.T. 0.00 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.7	57.6	86.4
175	5.4	4.4	6.6





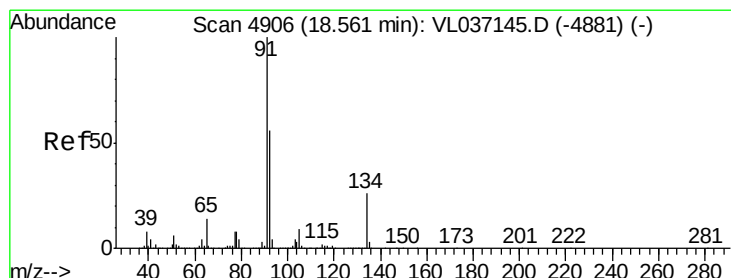
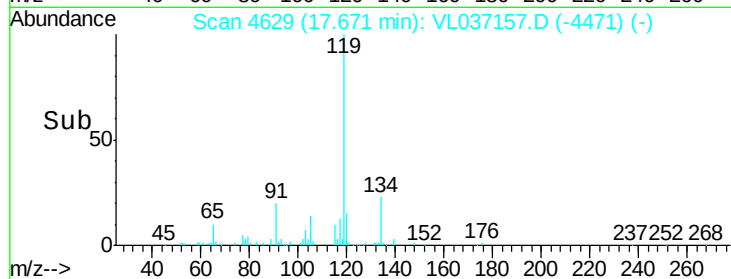
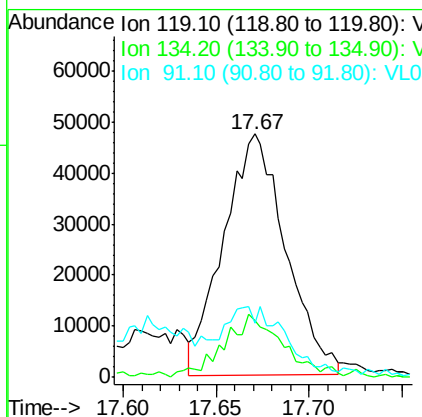
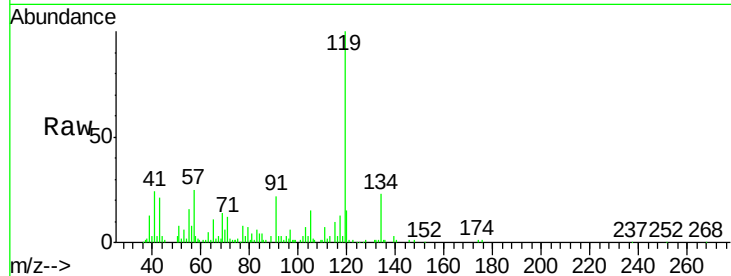
#69
 p-Isopropyltoluene
 Concen: 0.189 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. 0.01 min
 Lab File: VL037157.D
 Acq: 15 Jun 2021 15:07

Instrument :
 MSVOA_L
 ClientSampled :
 IA1

Tot Ion	Ratio	Resp	Lower	Upper
119	100	110681		
134	26.1		21.2	31.8
91	28.9		22.9	34.3

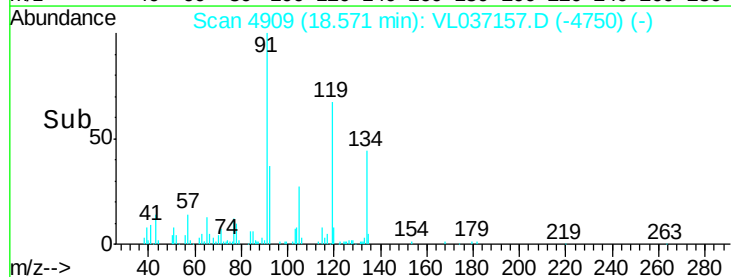
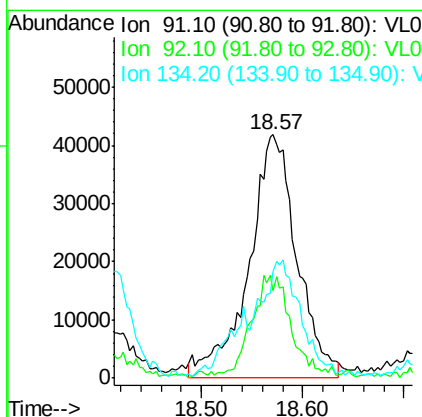
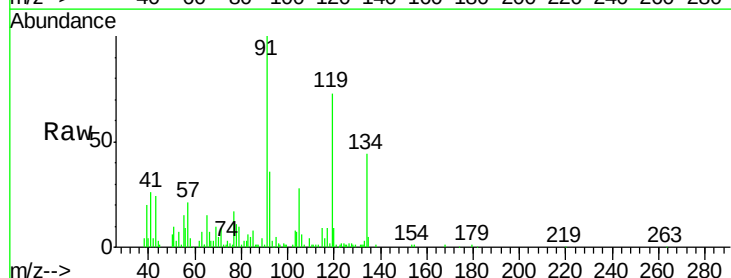
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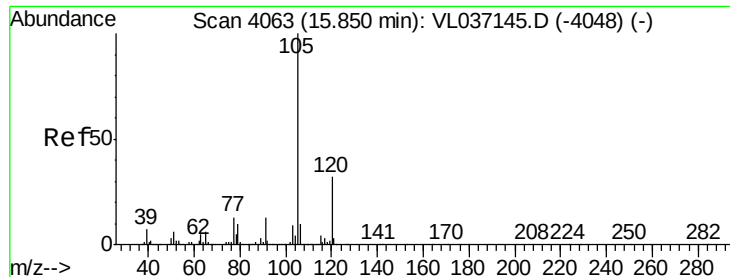
MMDadoda
 6/16/2021 5:01:31 PM



#70
 n-Butylbenzene
 Concen: 0.259 ppbv m
 RT: 18.57 min Scan# 4909
 Delta R.T. 0.01 min
 Lab File: VL037157.D
 Acq: 15 Jun 2021 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	138684		
92	37.3		44.0	66.0#
134	0.0		20.4	30.6#





#72

4-Ethyltoluene

Concen: 0.178 ppbv m

RT: 15.85 min Scan# 4064

Delta R.T. 0.00 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

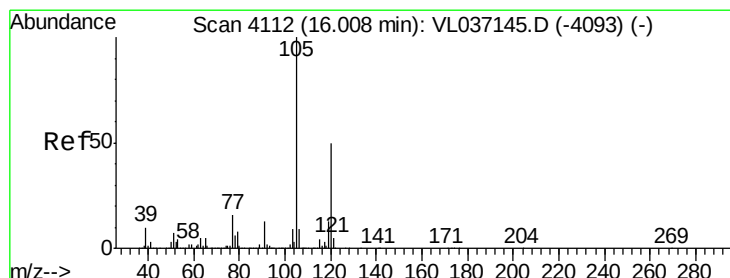
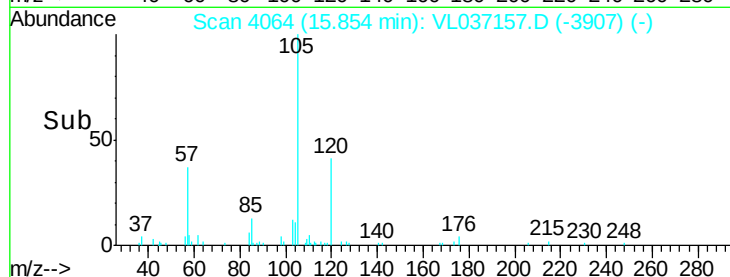
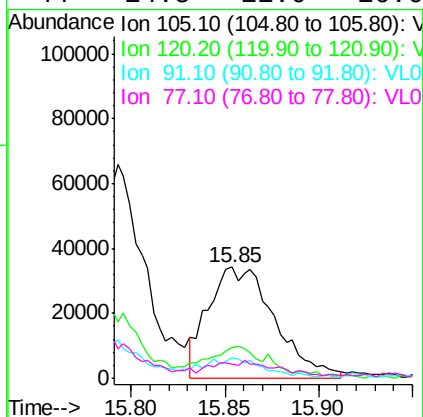
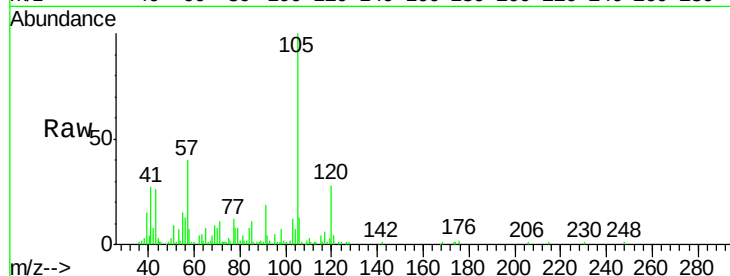
ClientSampleId :

IA1

Tot Ion:	105	Resp:	84125
Ion Ratio	Lower	Upper	
105	100		
120	30.6	25.1	37.7
91	0.0	10.3	15.5#
77	14.5	11.0	16.6

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#73

1,3,5-Trimethylbenzene

Concen: 0.213 ppbv

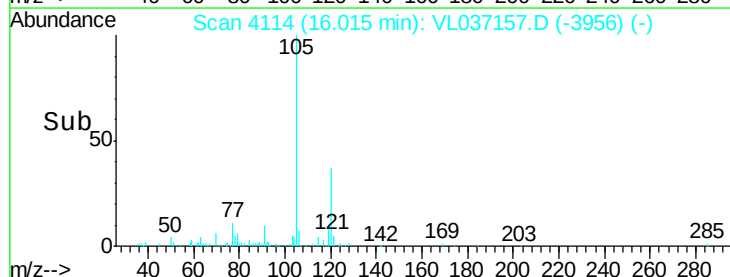
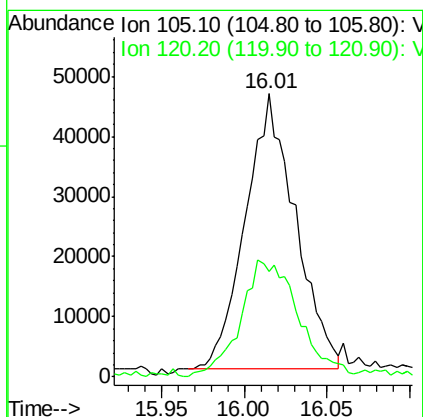
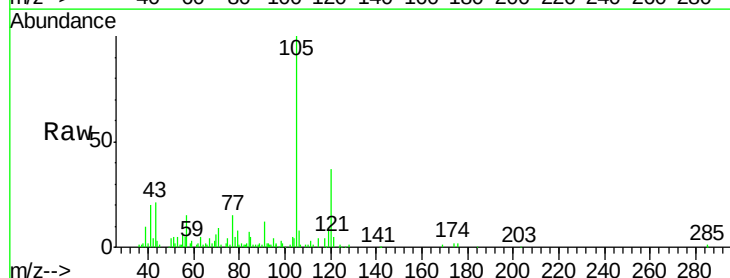
RT: 16.01 min Scan# 4114

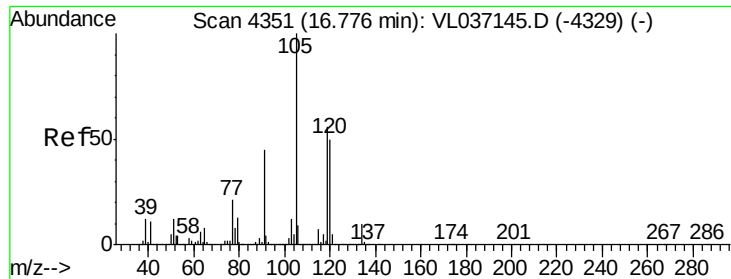
Delta R.T. 0.01 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Tgt Ion:	105	Resp:	95795
Ion Ratio	Lower	Upper	
105	100		
120	38.1	39.7	59.5#





#74

1,2,4-Trimethylbenzene

Concen: 0.922 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.00 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Instrument :

MSVOA_L

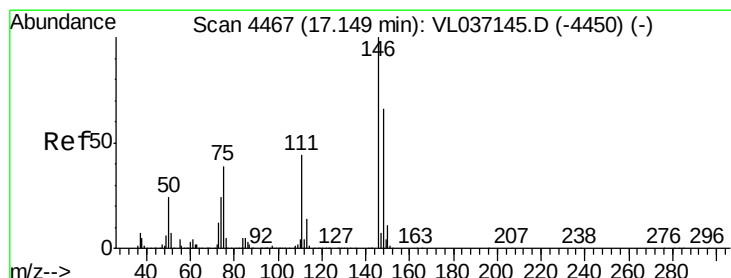
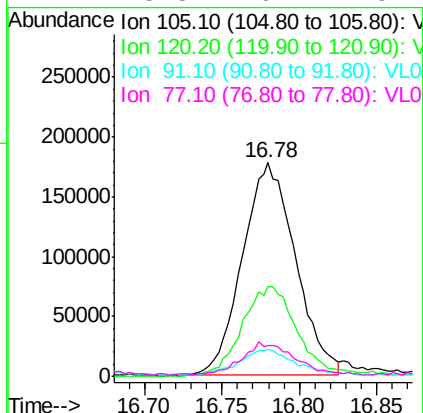
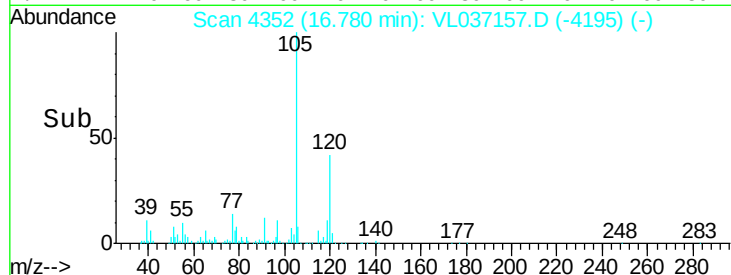
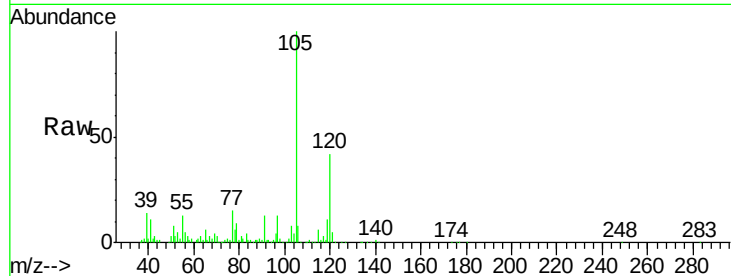
ClientSampled :

IA1

Tot Ion	Ratio	Resp	Lower	Upper
105	100	420963		
120	42.1	39.7	59.5	
91	11.8	35.8	53.8	
77	13.3	16.7	25.1	

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#76

1,4-Dichlorobenzene

Concen: 0.664 ppbv

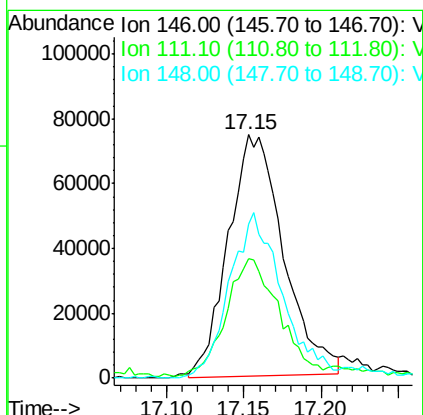
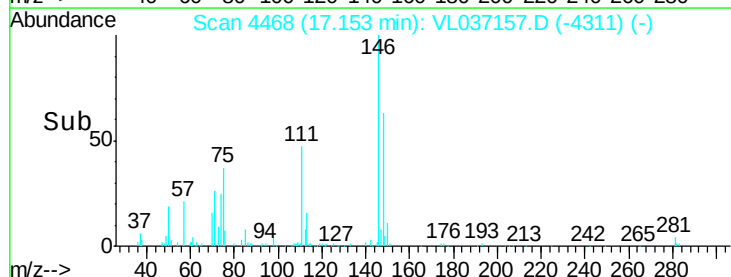
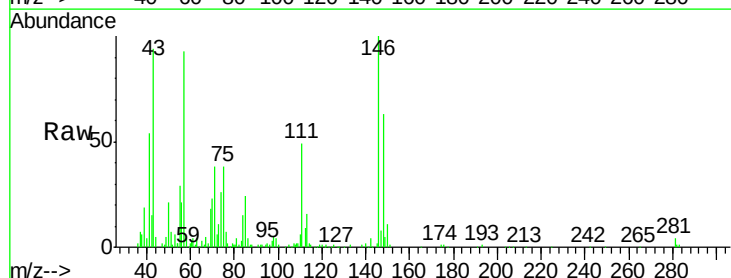
RT: 17.15 min Scan# 4468

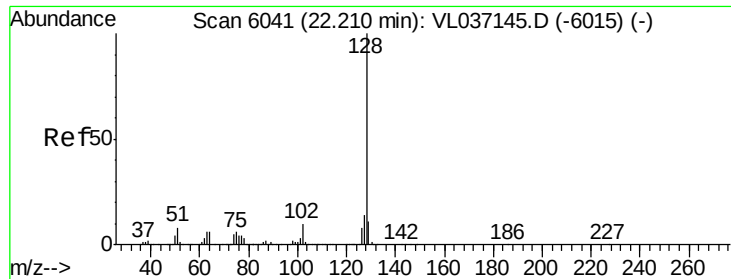
Delta R.T. 0.00 min

Lab File: VL037157.D

Acq: 15 Jun 2021 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	185603		
111	51.2	21.9	65.5	
148	69.7	32.4	97.0	





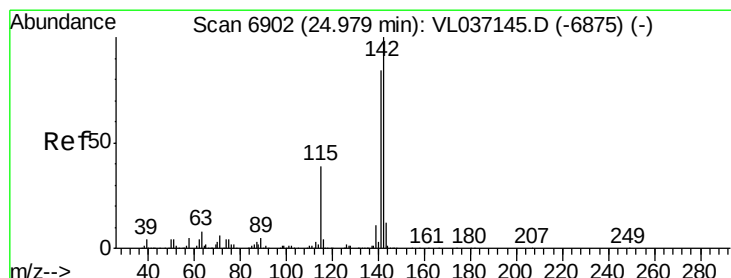
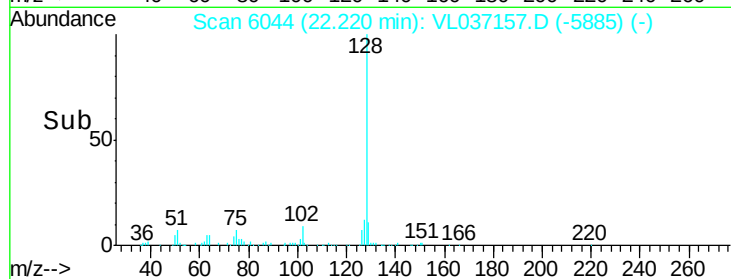
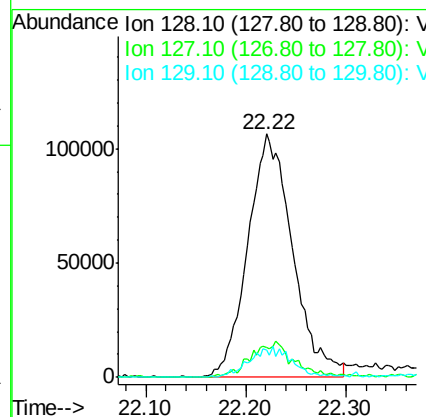
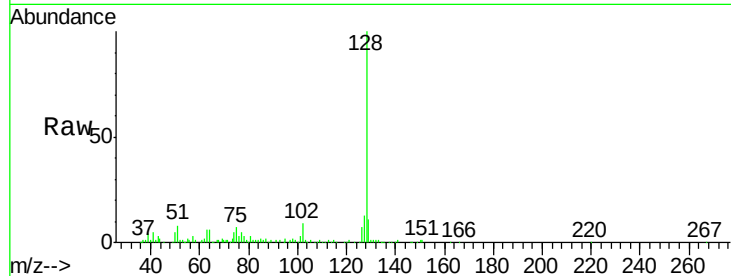
#79
Naphthalene
Concen: 1.206 ppbv m
RT: 22.22 min Scan# 6044
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Instrument :
MSVOA_L
ClientSampled :
IA1

Tot Ion	Ratio	Resp	Lower	Upper
128	100	331614		
127	12.5	10.9	16.3	
129	11.0	9.0	13.4	

Manual Integrations
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#80
Naphthalene, 2-methyl-
Concen: 0.252 ppbv m
RT: 24.99 min Scan# 6905
Delta R.T. 0.01 min
Lab File: VL037157.D
Acq: 15 Jun 2021 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	16762		
141	80.2	66.7	100.1	
115	44.4	32.2	48.2	

