

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037158.D
 Acq On : 15 Jun 2021 15:48
 Operator : SY/AP
 Sample : M2702-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:01:34 PM

Quant Time: Jun 16 02:11:45 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	1393097	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4039857	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3687772	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2804485	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.06	85	56386	0.254	ppbv	92
3) Chlorodifluoromethane	2.99	51	134016m	0.513	ppbv	
4) Chloromethane	3.15	50	91837	1.031	ppbv	95
9) Propene	3.03	41	254921	2.957	ppbv #	74
10) Heptane	8.14	43	179912	0.875	ppbv	98
11) Trichlorofluoromethane	3.96	101	71075m	0.282	ppbv	
13) Ethanol	3.62	45	4542350	381.382	ppbv	98
15) Acetone	3.86	43	4804780	28.823	ppbv	99
17) tert-Butyl alcohol	4.32	59	66808m	0.463	ppbv	
19) Isopropyl Alcohol	3.99	45	6635211	72.535	ppbv	100
20) Methylene Chloride	4.36	84	7459185	102.673	ppbv	88
26) Hexane	5.70	57	2603248	16.025	ppbv #	51
29) Chloroform	5.77	83	180896	0.690	ppbv	98
30) Cyclohexane	7.15	84	20207m	0.143	ppbv	
34) 2-Butanone	5.26	43	353826	2.332	ppbv	96
35) Carbon Tetrachloride	7.03	117	16387m	0.066	ppbv	
36) Benzene	6.91	78	106915	0.334	ppbv	93
43) Methyl Methacrylate	8.04	69	21959m	0.200	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	132055	0.246	ppbv #	85
50) 4-Methyl-2-Pentanone	8.77	43	39909	0.179	ppbv	100
51) 2-Hexanone	10.16	43	224775	2.018	ppbv #	95
52) Tetrachloroethene	11.25	164	90919m	0.686	ppbv	
53) Toluene	9.82	91	492648	1.293	ppbv	98
58) Ethyl Benzene	12.73	91	327480	0.656	ppbv #	86
59) m/p-Xylene	12.99	91	473522	1.115	ppbv	98
60) o-Xylene	13.71	91	177365	0.435	ppbv	96
61) Styrene	13.55	104	32828m	0.153	ppbv	
65) tert-Butylbenzene	16.78	119	49983m	0.095	ppbv	
69) p-Isopropyltoluene	17.67	119	108725m	0.186	ppbv	
70) n-Butylbenzene	18.57	91	136736m	0.256	ppbv	
72) 4-Ethyltoluene	15.86	105	70375	0.149	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.01	105	109002m	0.243	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	425497	0.931	ppbv #	73
76) 1,4-Dichlorobenzene	17.16	146	172985	0.619	ppbv	90
79) Naphthalene	22.22	128	310151	1.128	ppbv	95
80) Naphthalene,2-methyl-	24.98	142	10824m	0.163	ppbv	

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

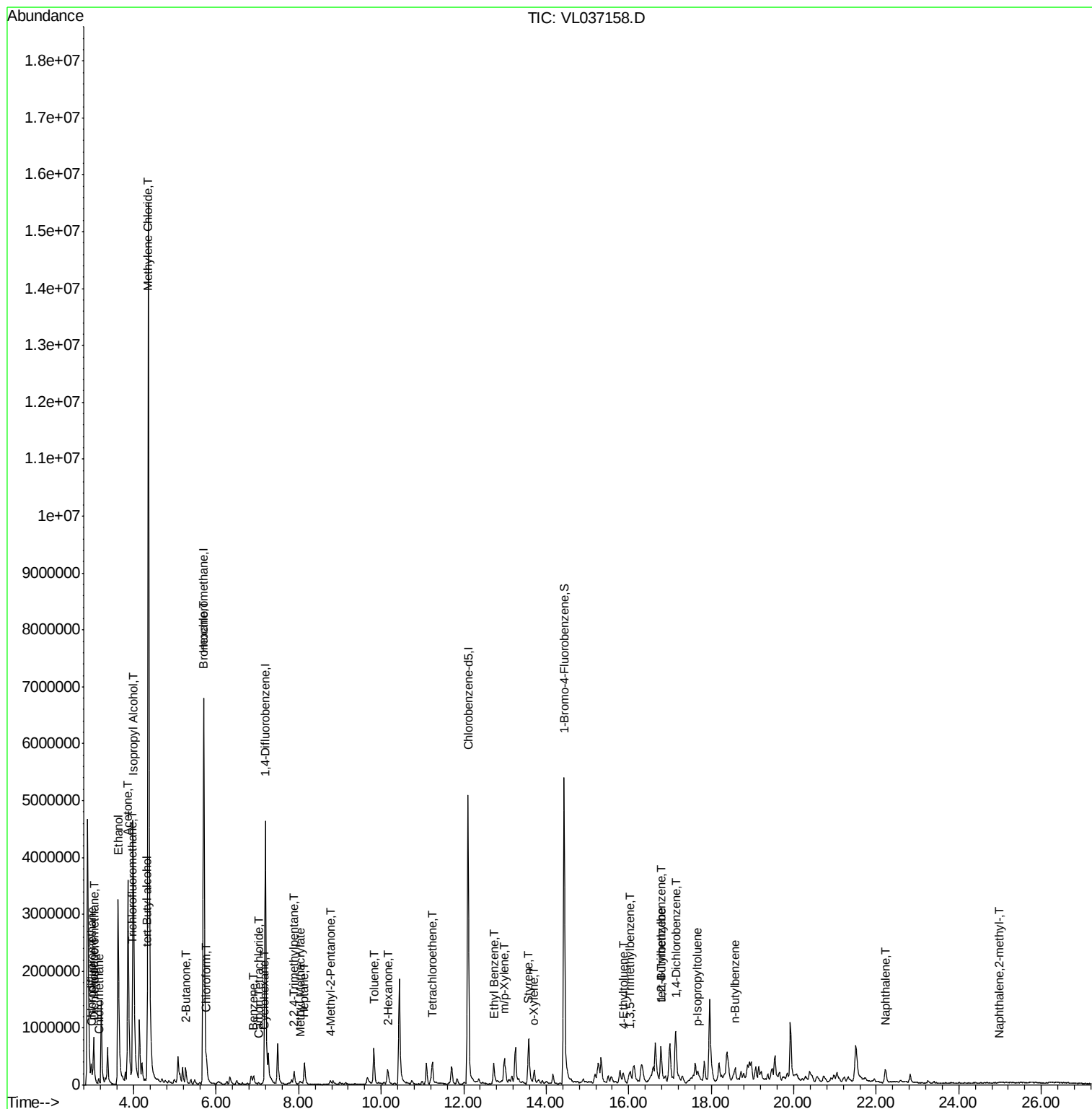
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
Data File : VL037158.D
Acq On : 15 Jun 2021 15:48
Operator : SY/AP
Sample : M2702-01DUP
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

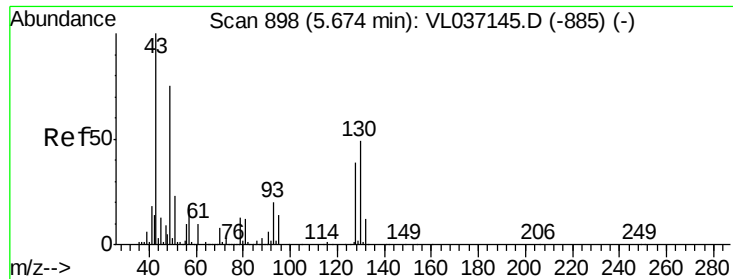
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Manual Integrations
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6/16/2021 5:01:34 PM

Quant Time: Jun 16 02:11:45 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

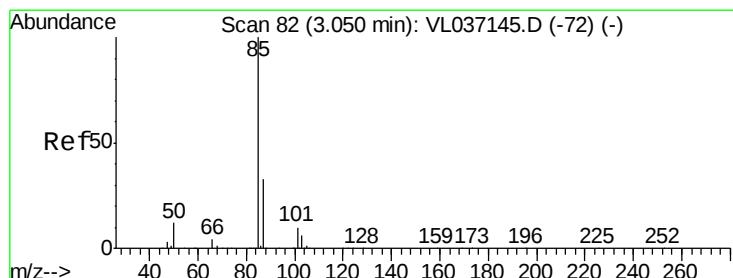
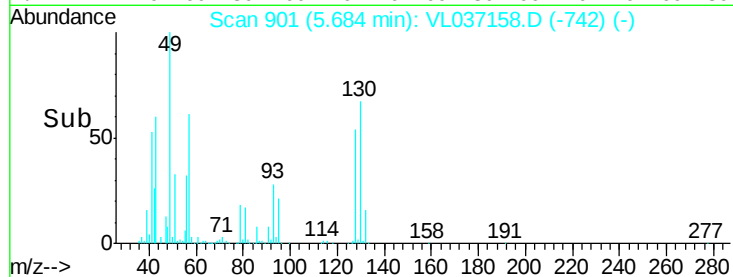
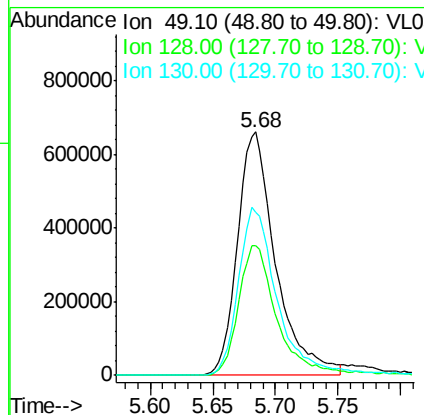
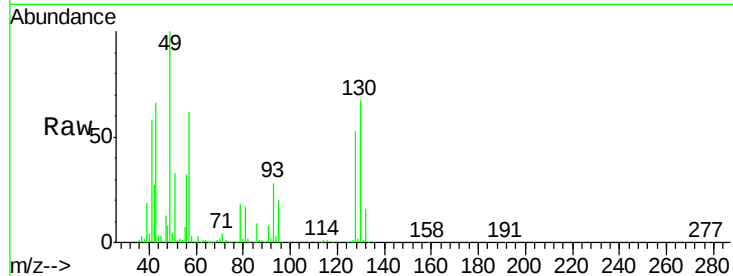
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VL037158.D
 Acq: 15 Jun 2021 15:48

Instrument :
 MSVOA_L
 ClientSampled :
 IA1DUP

Tot Ion: 49 Resp: 1393097
 Ion Ratio Lower Upper
 49 100
 128 55.1 28.8 86.5
 130 72.1 36.0 108.0

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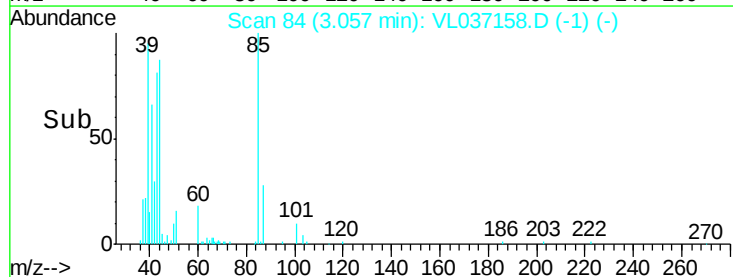
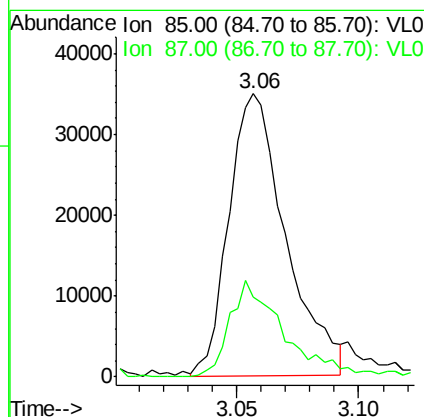
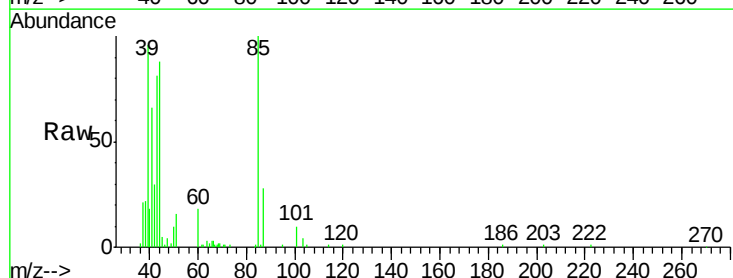
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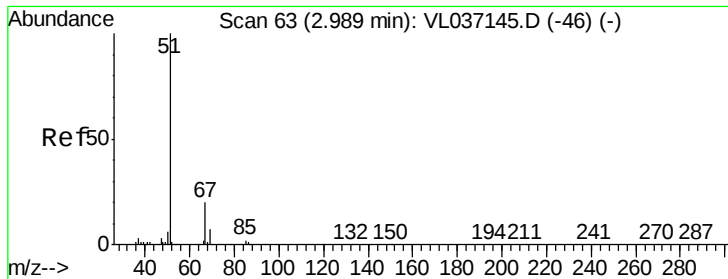


#2

Dichlorodifluoromethane
 Concen: 0.254 ppbv
 RT: 3.06 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: VL037158.D
 Acq: 15 Jun 2021 15:48

Tgt Ion: 85 Resp: 56386
 Ion Ratio Lower Upper
 85 100
 87 28.6 26.4 39.6





#3

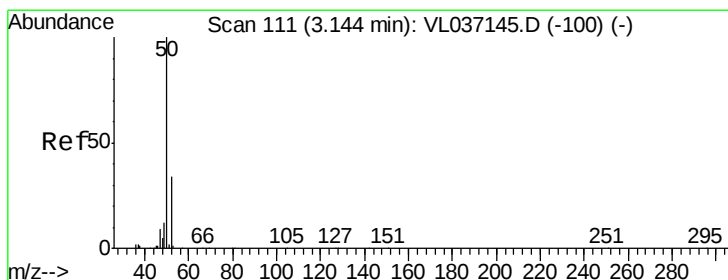
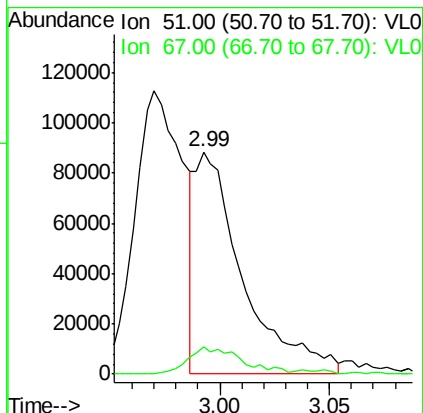
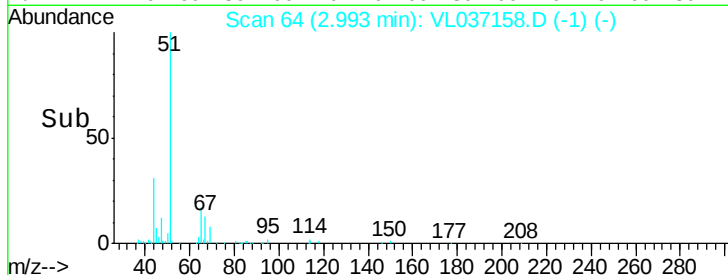
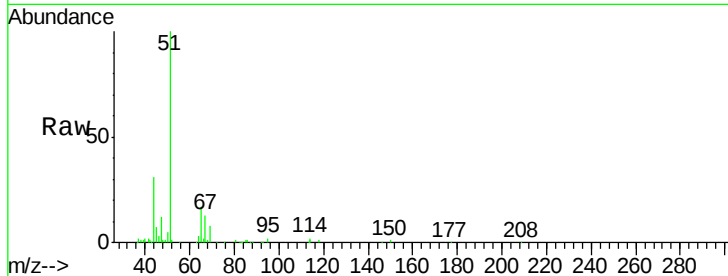
Chlorodifluoromethane
Concen: 0.513 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.00 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tot Ion	Ratio	Lower	Upper
51	100		
67	15.4	15.9	23.9#

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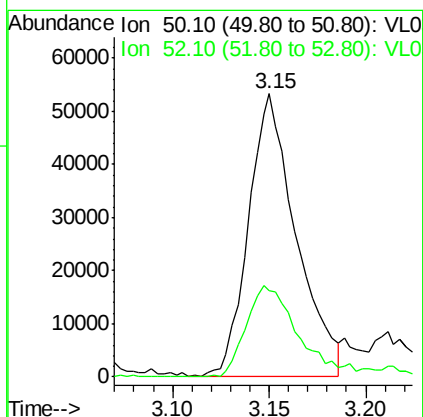
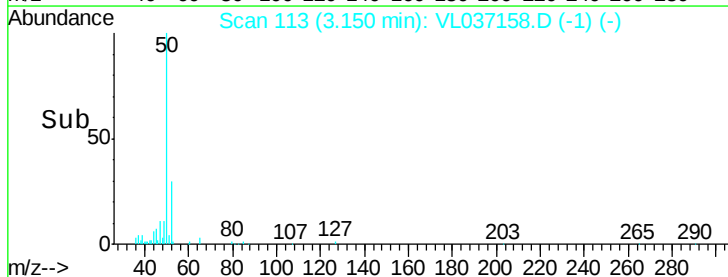
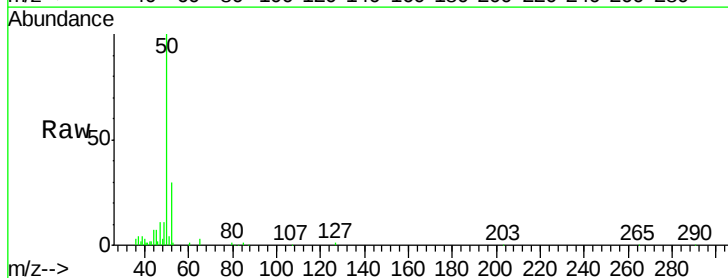
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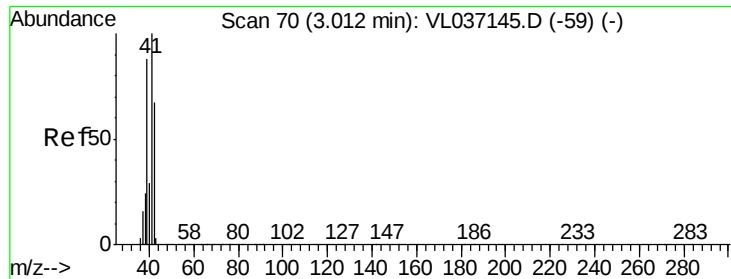


#4

Chloromethane
Concen: 1.031 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.6	27.4	41.2





#9

Propene

Concen: 2.957 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Instrument :

MSVOA_L

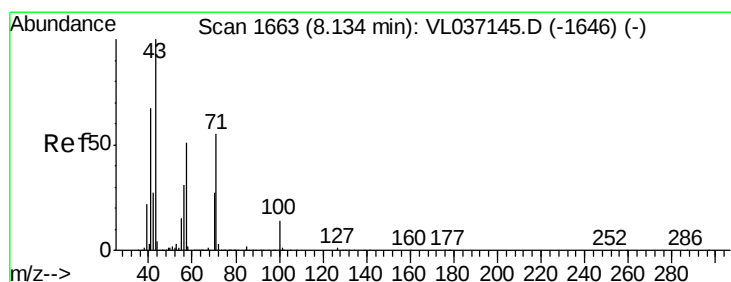
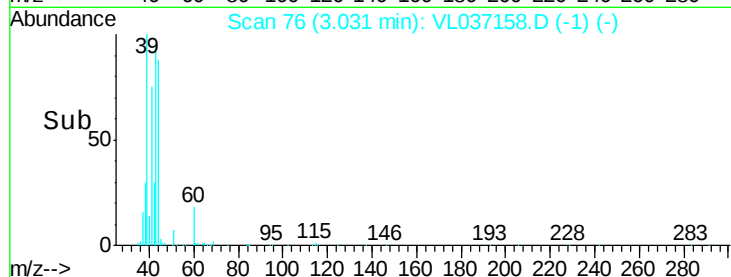
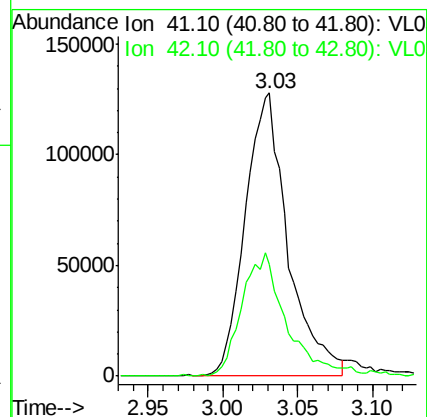
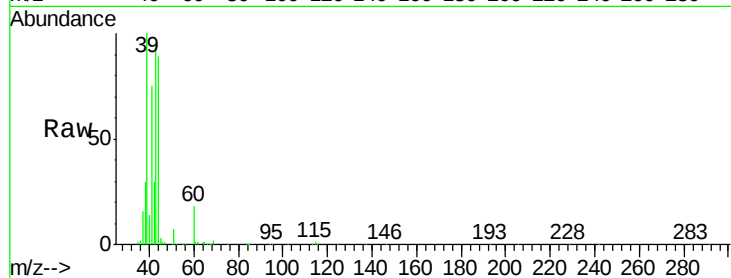
ClientSampleId :

IA1DUP

Tot Ion	Ratio	Lower	Upper
41	100		
42	46.4	53.8	80.8#

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#10

Heptane

Concen: 0.875 ppbv

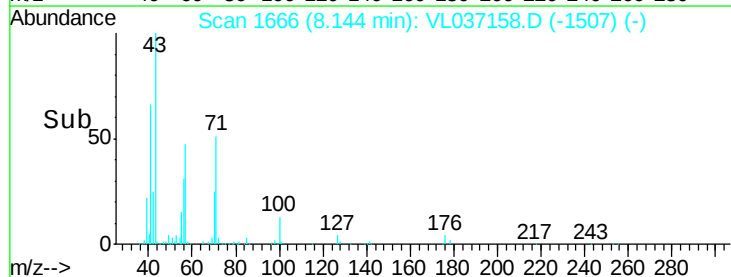
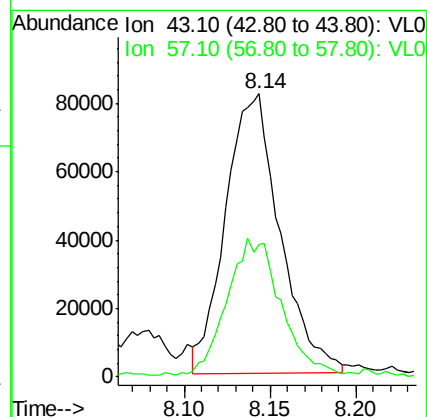
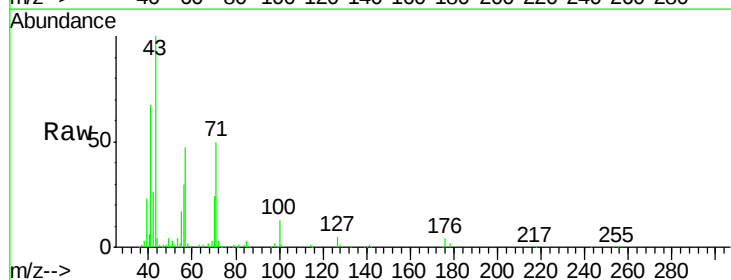
RT: 8.14 min Scan# 1666

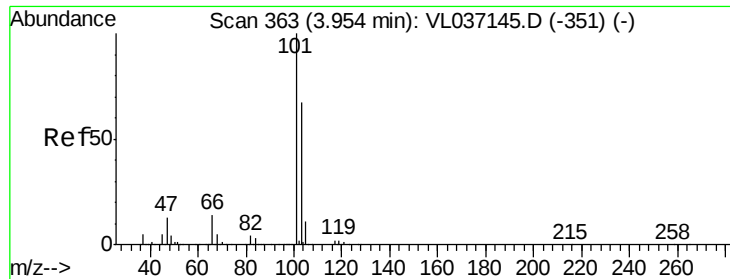
Delta R.T. 0.01 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	52.0	40.5	60.7





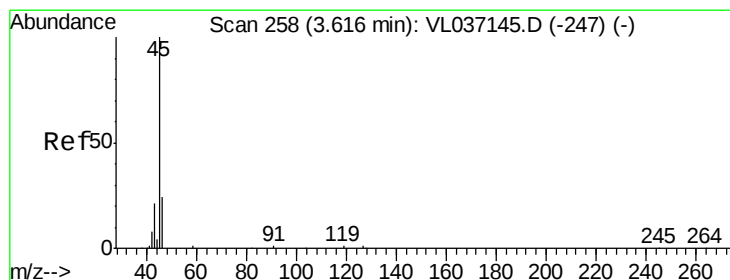
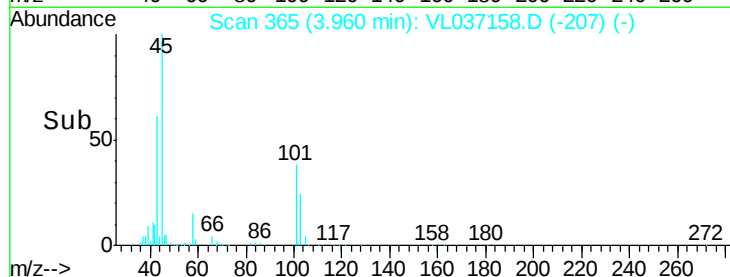
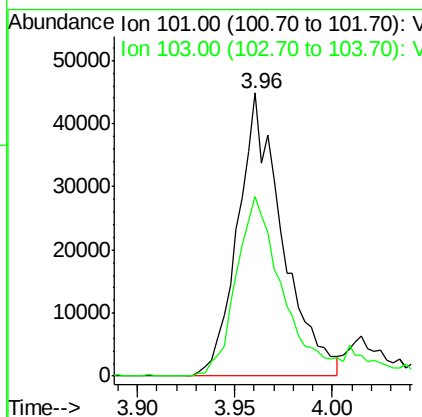
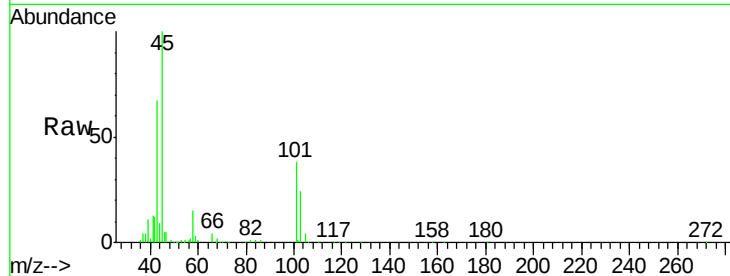
#11
 Trichlorofluoromethane
 Concen: 0.282 ppbv m
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VL037158.D
 Acq: 15 Jun 2021 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Tot Ion:101 Resp: 71075
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.6 80.4

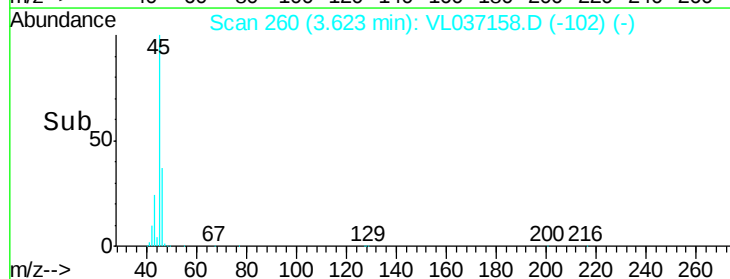
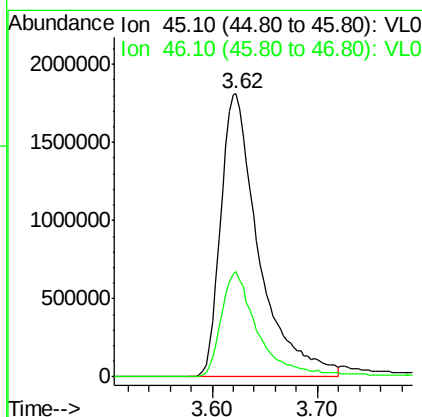
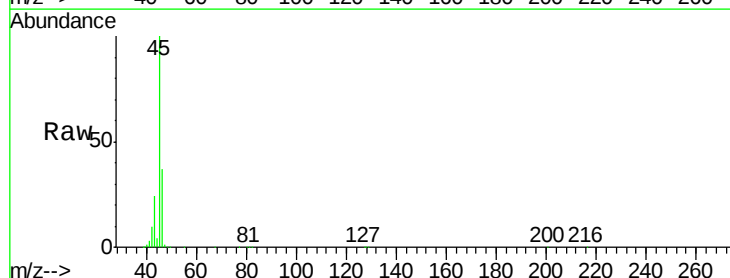
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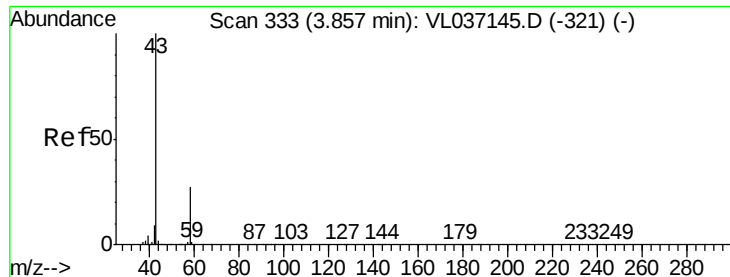
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#13
 Ethanol
 Concen: 381.382 ppbv
 RT: 3.62 min Scan# 260
 Delta R.T. 0.01 min
 Lab File: VL037158.D
 Acq: 15 Jun 2021 15:48

Tgt Ion: 45 Resp: 4542350
 Ion Ratio Lower Upper
 45 100
 46 37.7 15.4 61.8





#15

Acetone

Concen: 28.823 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tot Ion: 43 Resp: 4804780

Ion Ratio Lower Upper

43 100

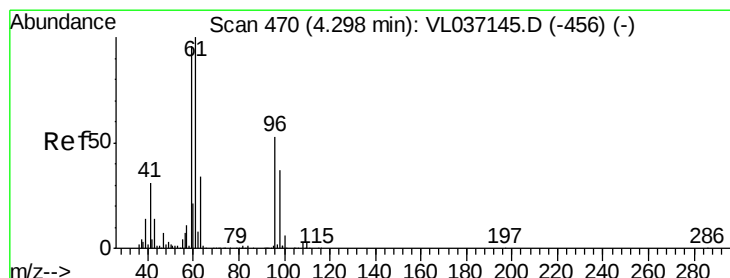
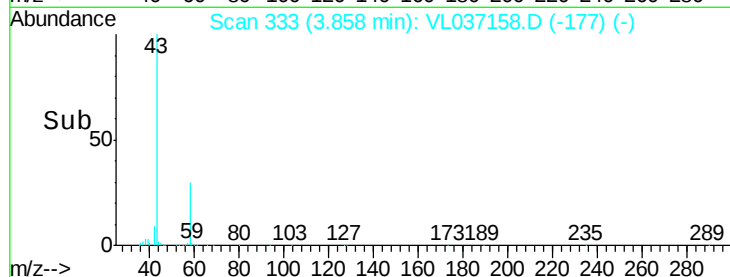
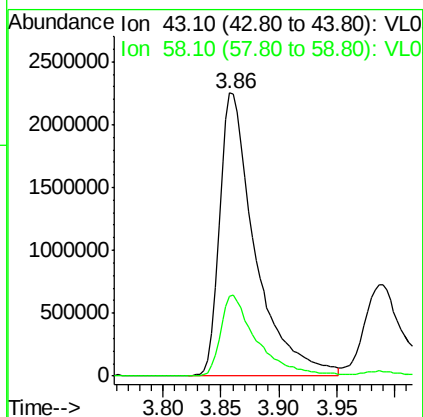
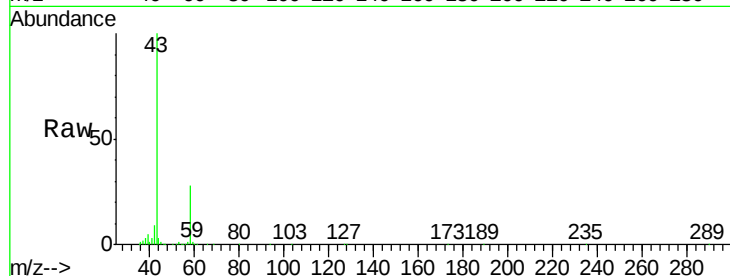
58 29.3 23.0 34.6

Manual Integrations

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#17

tert-Butyl alcohol

Concen: 0.463 ppbv m

RT: 4.32 min Scan# 478

Delta R.T. 0.03 min

Lab File: VL037158.D

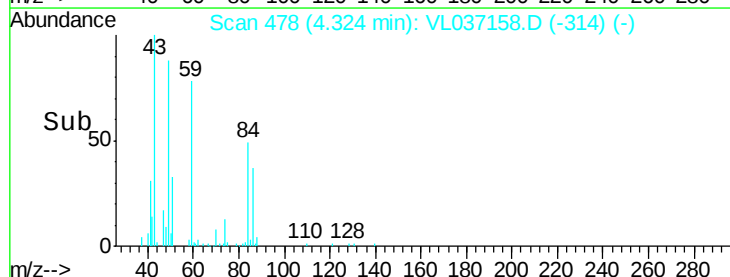
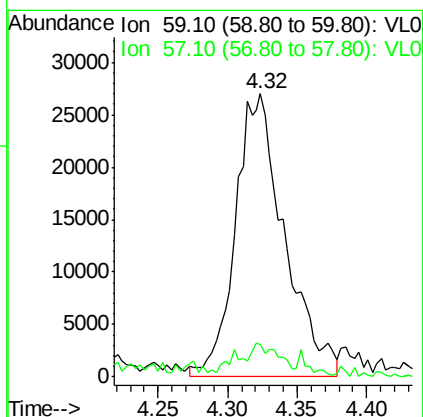
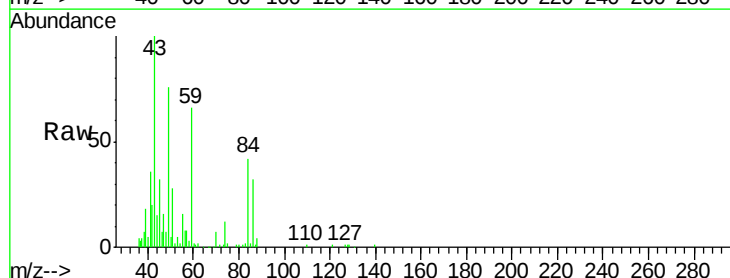
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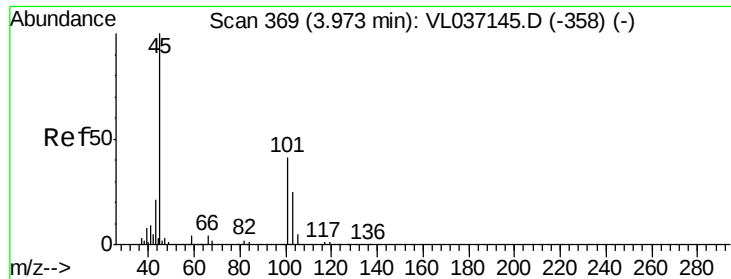
Tgt Ion: 59 Resp: 66808

Ion Ratio Lower Upper

59 100

57 37.1 8.8 13.2#





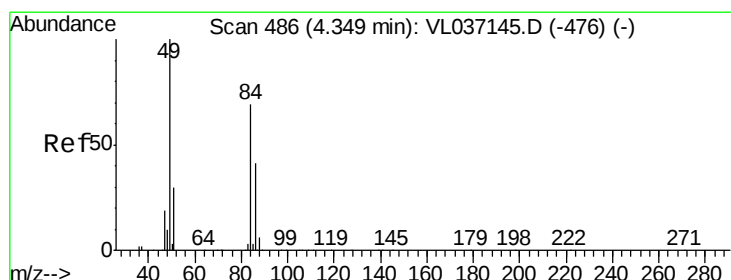
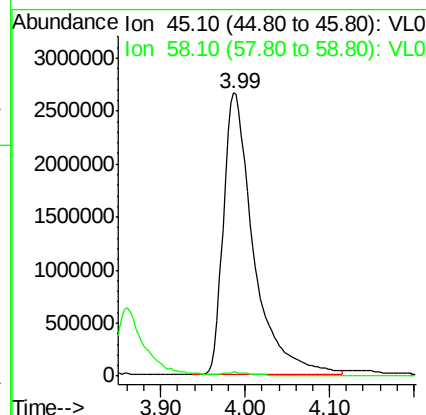
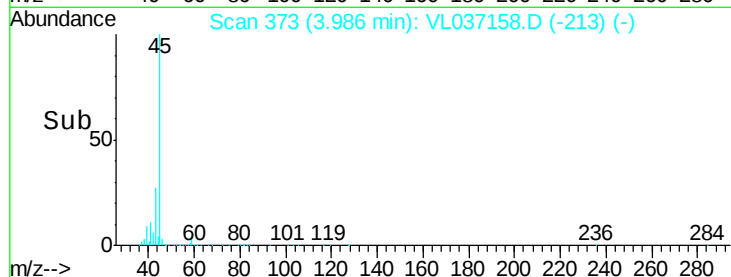
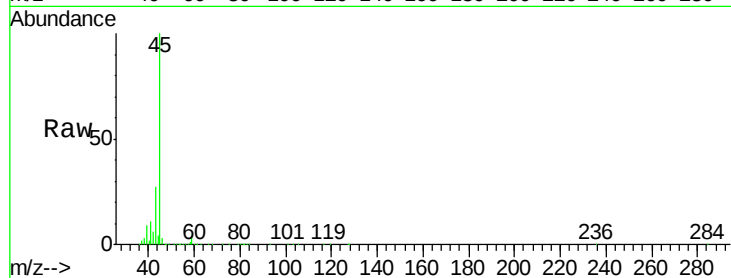
#19
Isopropyl Alcohol
Concen: 72.535 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tot Ion: 45 Resp: 6635211
Ion Ratio Lower Upper
45 100
58 1.7 1.4 2.2

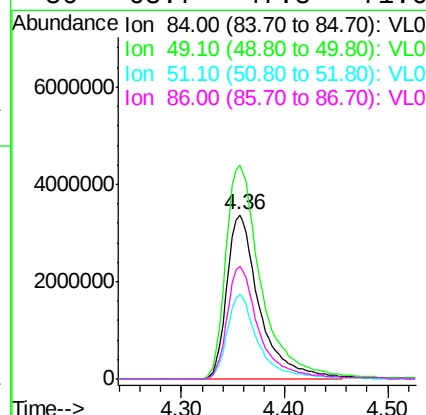
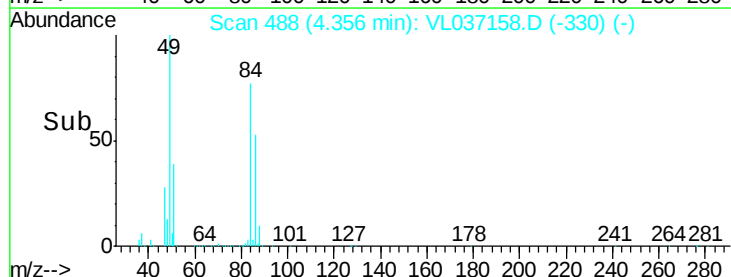
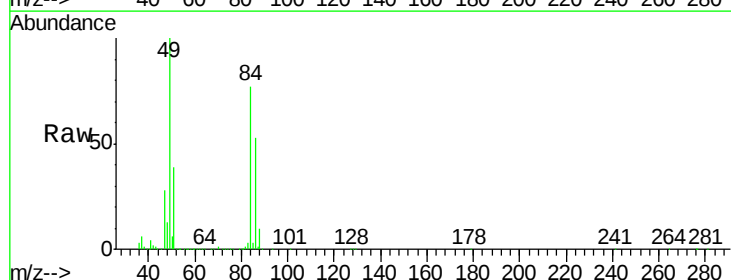
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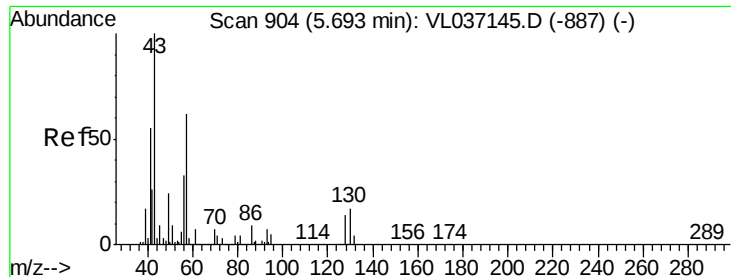
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#20
Methylene Chloride
Concen: 102.673 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Tgt Ion: 84 Resp: 7459185
Ion Ratio Lower Upper
84 100
49 130.3 115.3 172.9
51 51.3 34.2 51.4
86 68.7 47.8 71.6





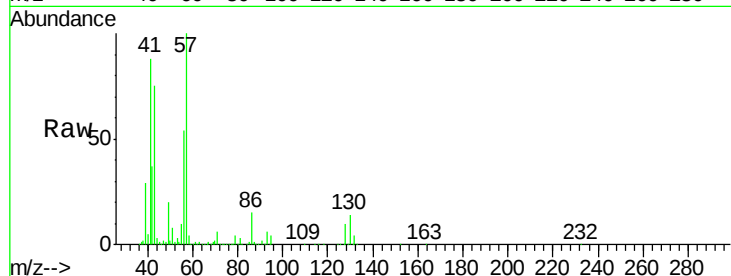
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Hexane
Concen: 16.025 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tot Ion	Ratio	Lower	Upper
57	100		
41	90.0	73.6	110.4
43	82.5	168.8	253.2#
56	52.3	42.3	63.5

Manual Integrations
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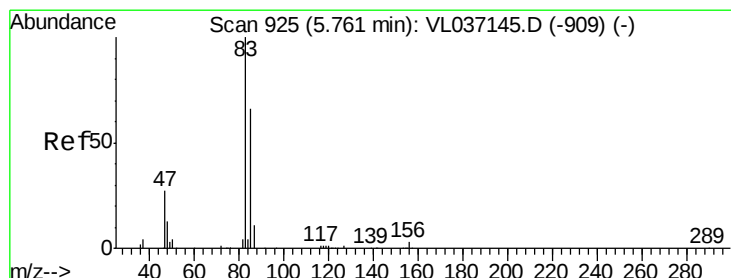
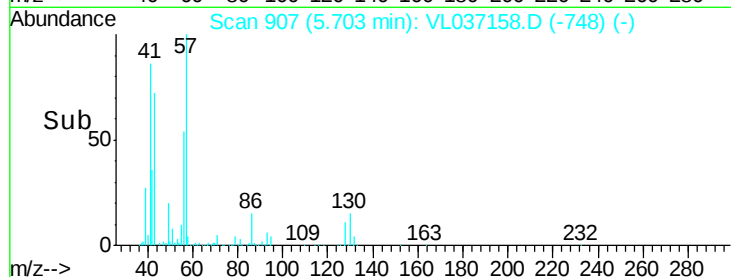
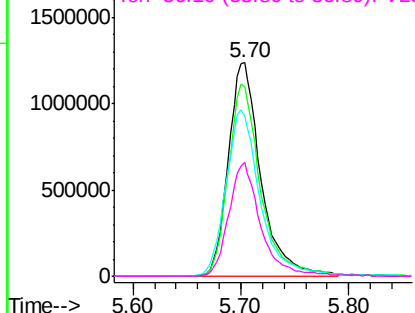


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

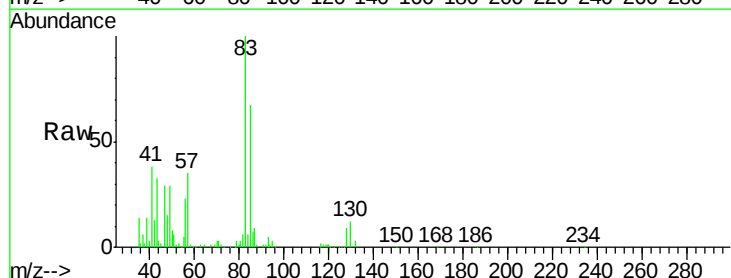
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



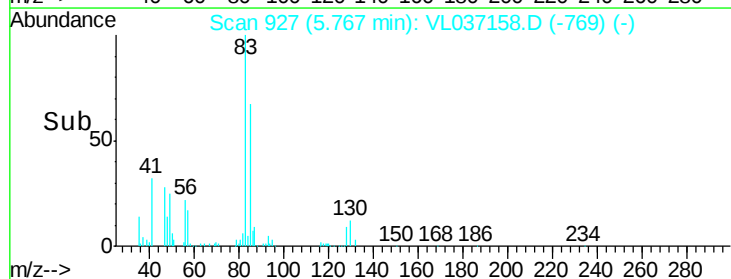
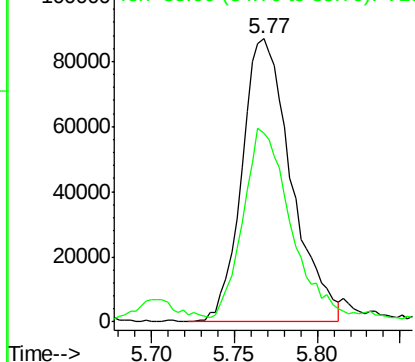
#29
Chloroform
Concen: 0.690 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

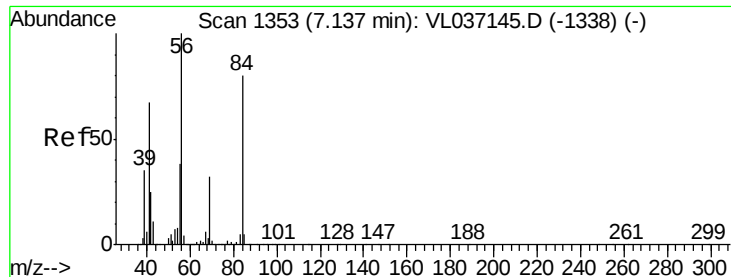
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	78.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





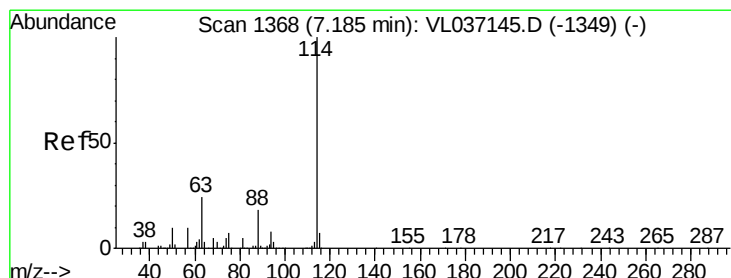
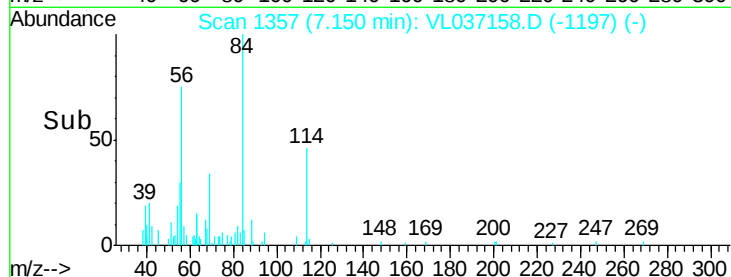
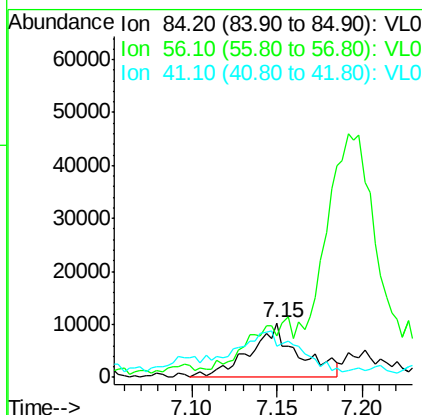
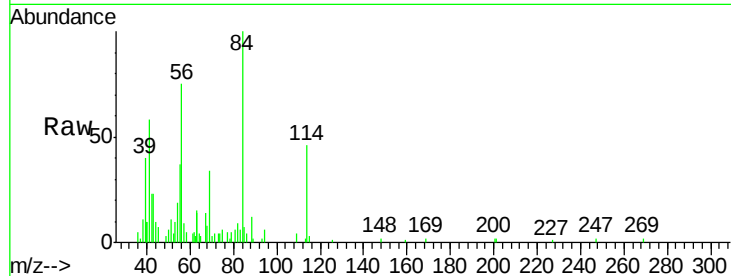
#30
Cvclohexane
Concen: 0.143 ppbv m
RT: 7.15 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	103.9	155.9#
41	110.6	66.5	99.7#

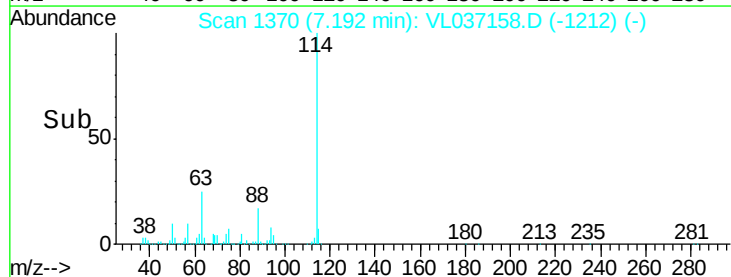
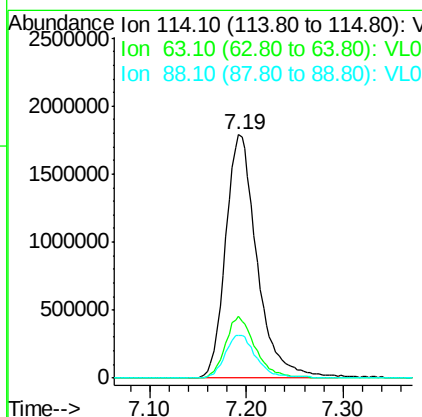
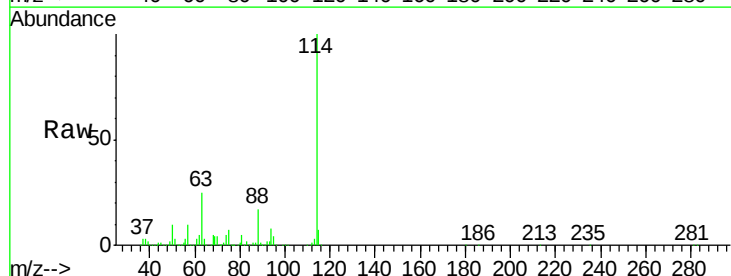
Manual Integrations
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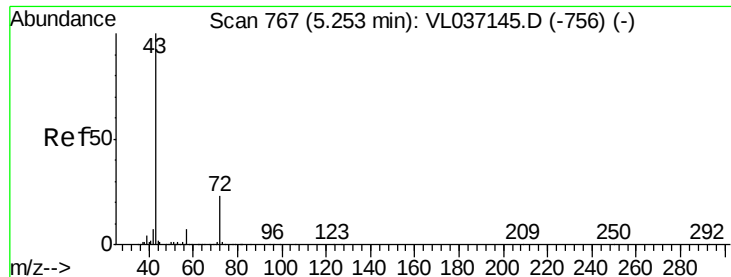
MMDadoda
6/16/2021 5:01:34 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

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: 2.332 ppbv

RT: 5.26 min Scan# 769

Delta R.T. 0.01 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tot Ion: 43 Resp: 353826

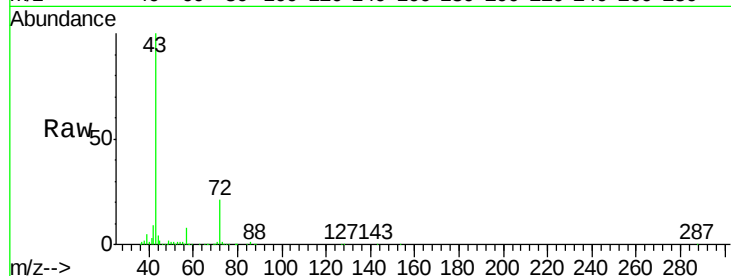
Ion Ratio Lower Upper

43 100

72 25.3 18.6 28.0

Manual Integrations
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

5.26

200000

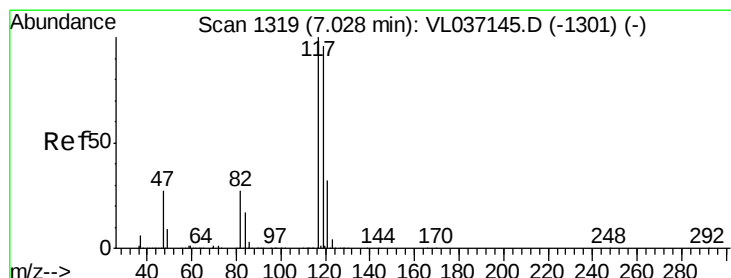
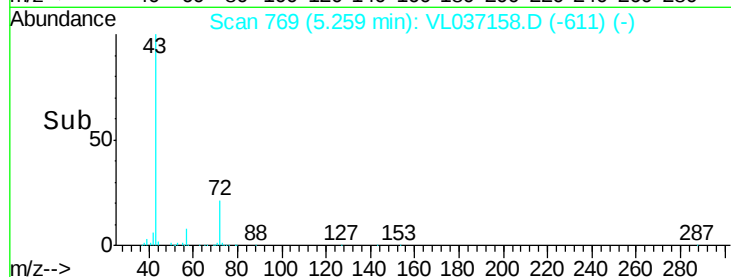
150000

100000

50000

0

Time-->



#35

Carbon Tetrachloride

Concen: 0.066 ppbv m

RT: 7.03 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

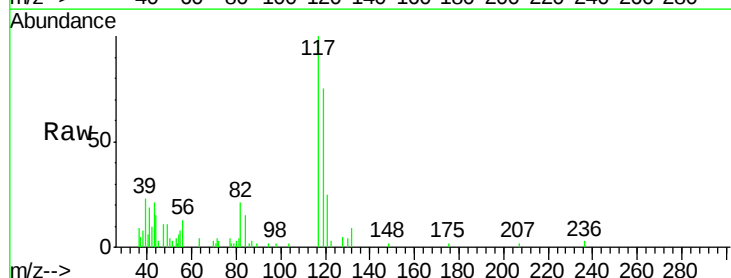
Tgt Ion: 117 Resp: 16387

Ion Ratio Lower Upper

117 100

119 74.6 77.0 115.4#

121 24.7 25.4 38.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

7.03

12000

10000

8000

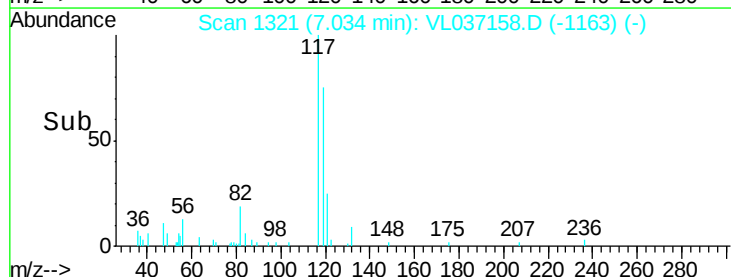
6000

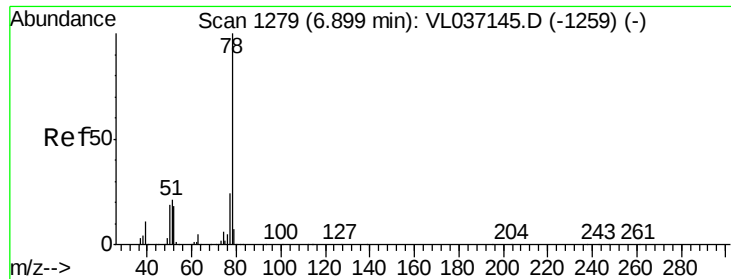
4000

2000

0

Time-->





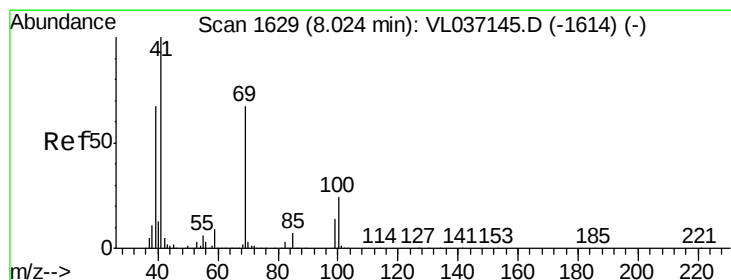
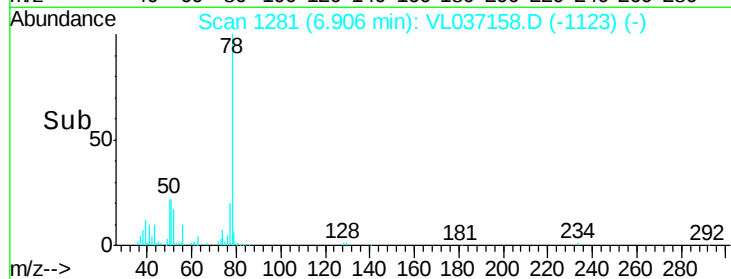
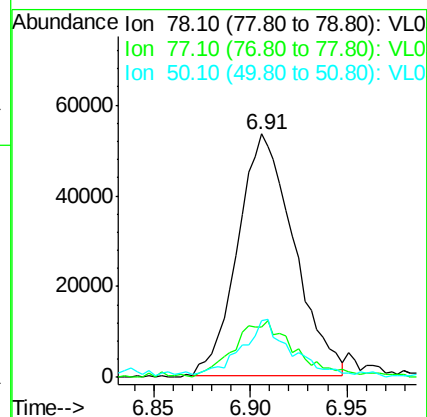
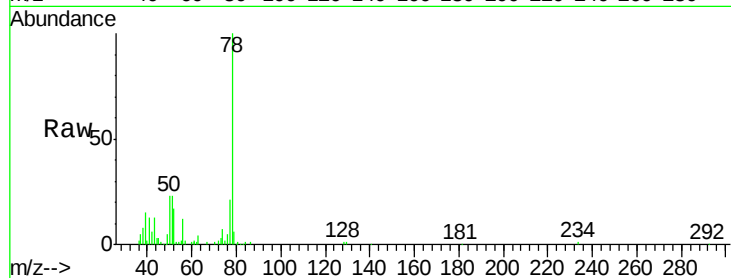
#36
Benzene
Concen: 0.334 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tot Ion	Ratio	Lower	Upper
78	100		
77	21.0	19.5	29.3
50	22.3	15.5	23.3

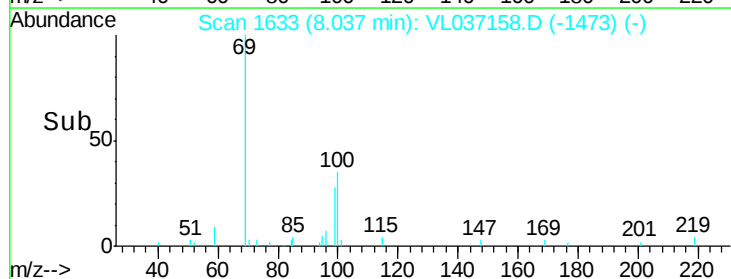
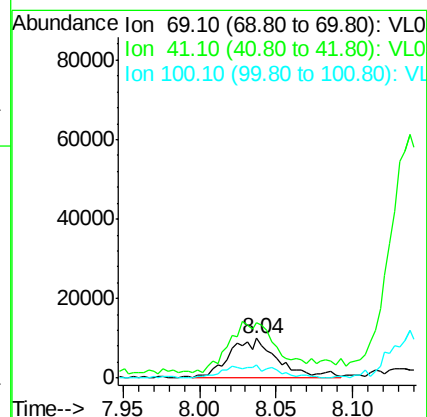
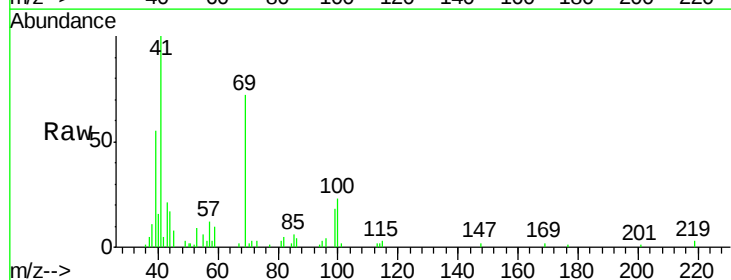
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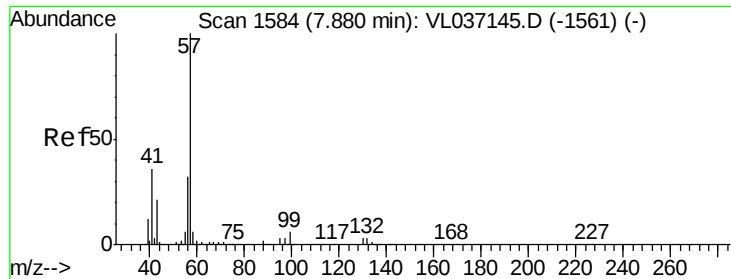
MMDadoda
6/16/2021 5:01:34 PM



#43
Methyl Methacrylate
Concen: 0.200 ppbv m
RT: 8.04 min Scan# 1633
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	137.8	117.7	176.5
100	0.0	27.9	41.9#





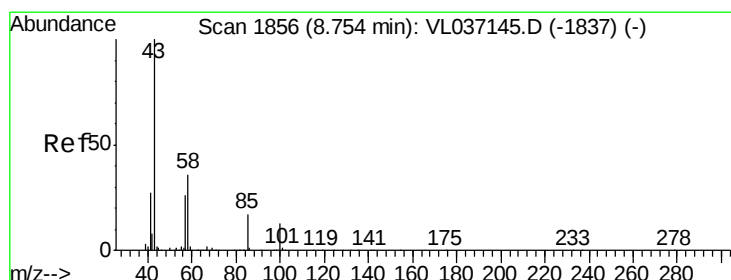
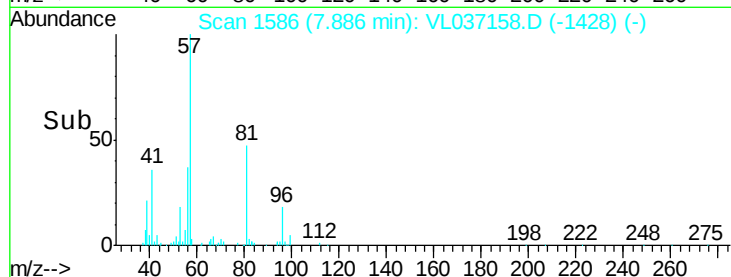
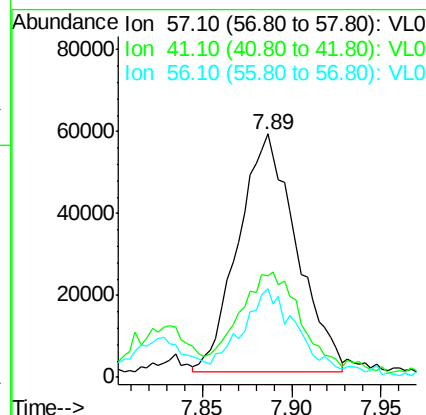
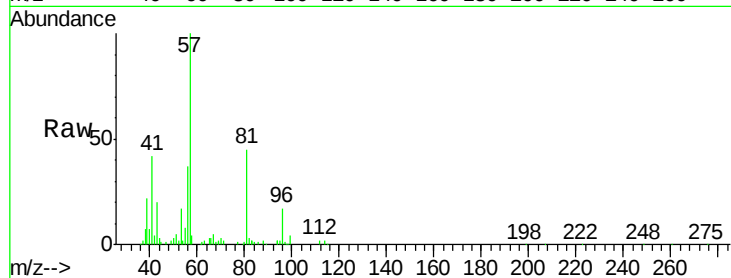
#44
 2,2,4-Trimethylpentane
 Concen: 0.246 ppbv
 RT: 7.89 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VL037158.D
 Acq: 15 Jun 2021 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Tot Ion	Ratio	Lower	Upper
57	100		
41	46.3	28.1	42.1#
56	37.2	25.4	38.2

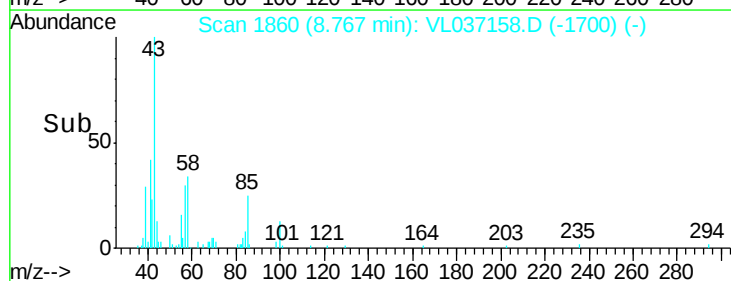
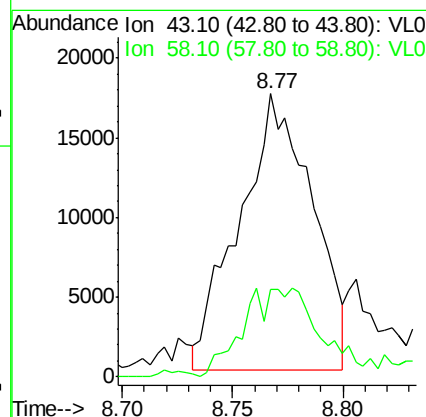
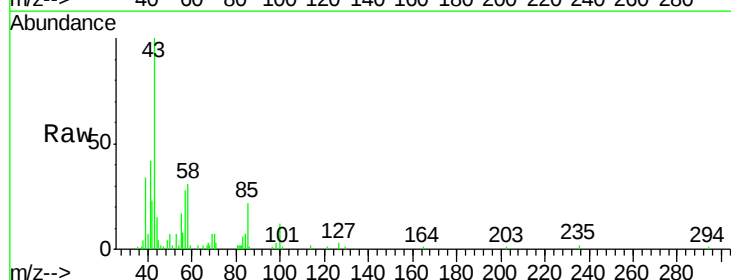
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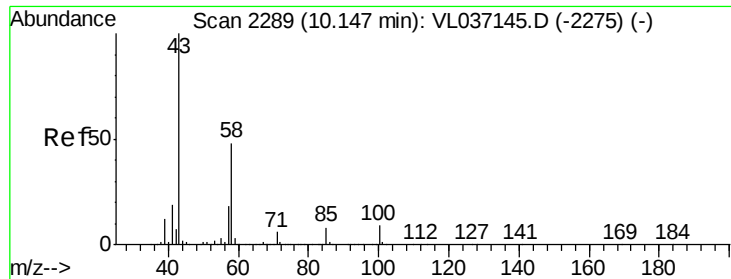
MMDadoda
 6/16/2021 5:01:34 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.179 ppbv
 RT: 8.77 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VL037158.D
 Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.0	43.6





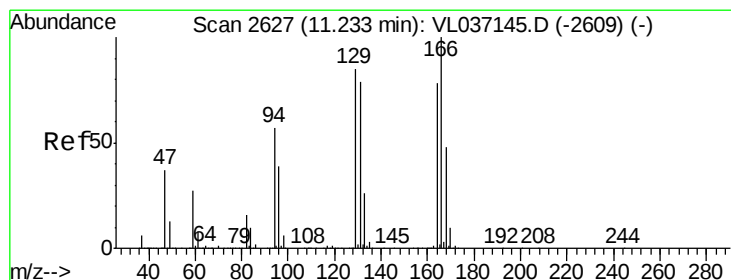
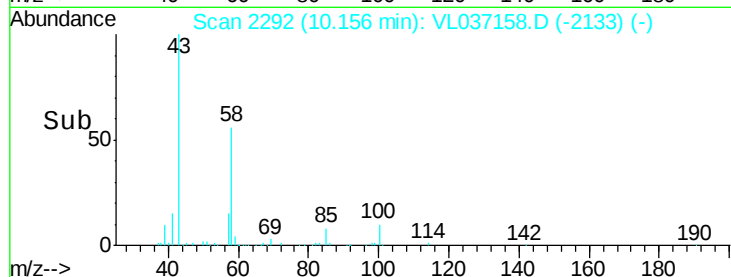
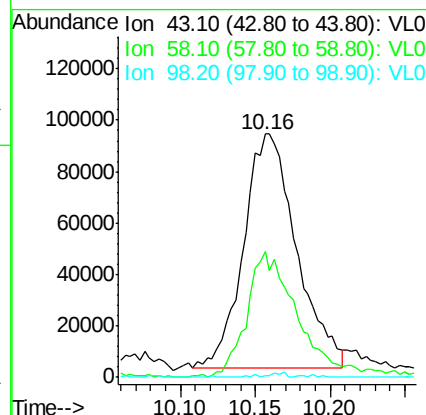
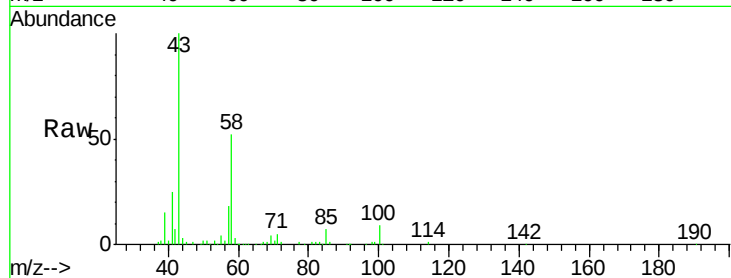
#51
2-Hexanone
Concen: 2.018 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.9	40.1	60.1
98	1.2	0.2	0.4

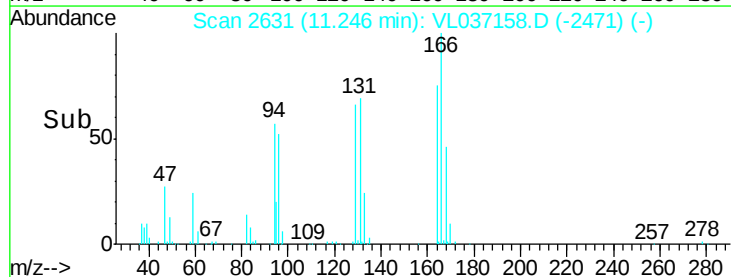
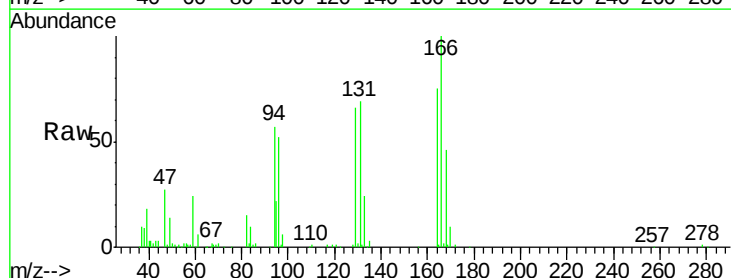
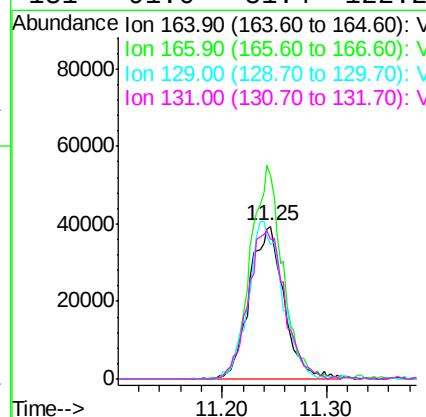
Manual Integrations
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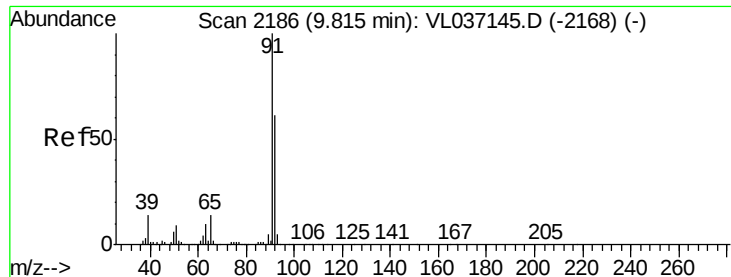
MMDadoda
6/16/2021 5:01:34 PM



#52
Tetrachloroethene
Concen: 0.686 ppbv m
RT: 11.25 min Scan# 2631
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.0	102.6	154.0
129	88.0	87.4	131.2
131	91.6	81.4	122.2





#53

Toluene

Concen: 1.293 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tot Ion: 91 Resp: 492648

Ion Ratio Lower Upper

91 100

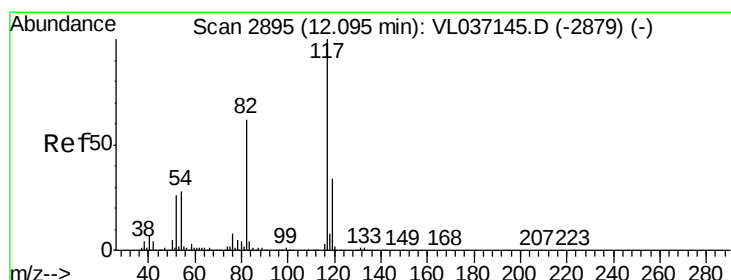
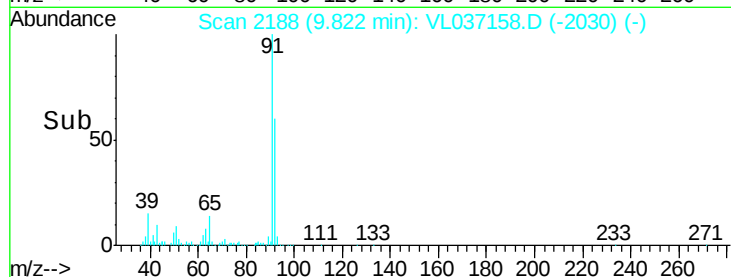
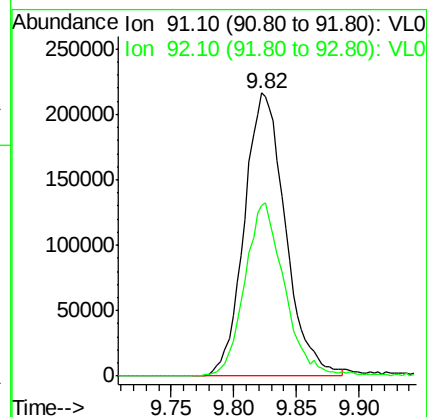
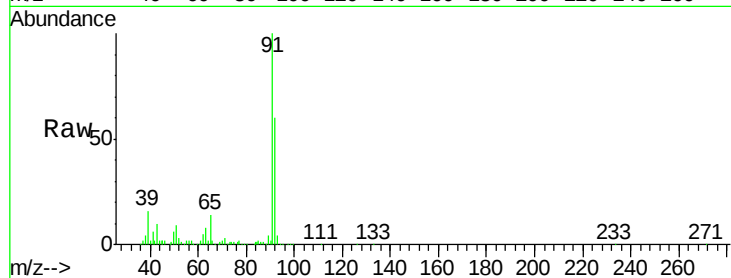
92 59.3 48.6 73.0

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.01 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

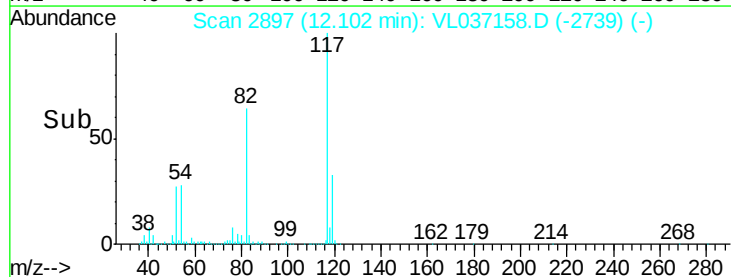
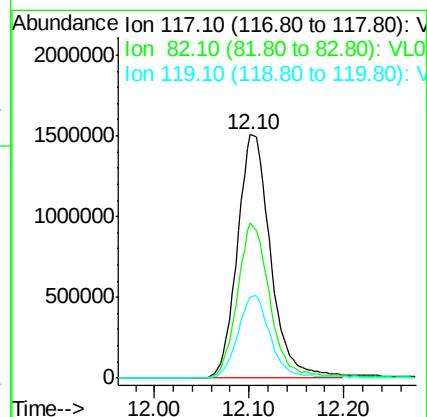
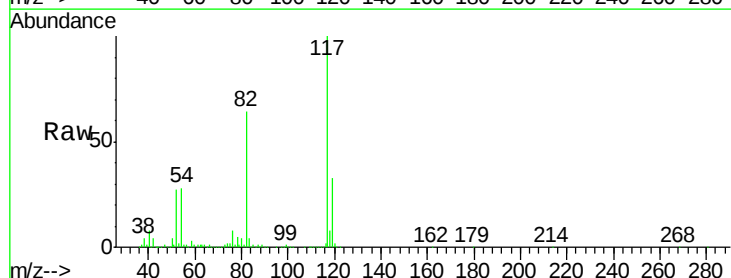
Tgt Ion: 117 Resp: 3687772

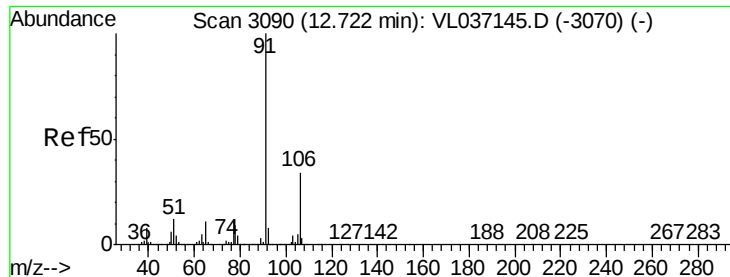
Ion Ratio Lower Upper

117 100

82 63.8 50.6 76.0

119 33.8 27.1 40.7





#58

Ethyl Benzene

Concen: 0.656 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.01 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tot Ion: 91 Resp: 327480

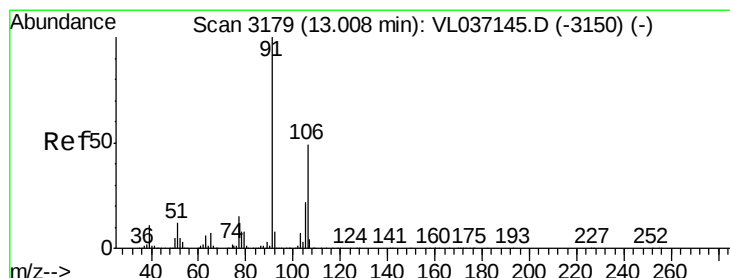
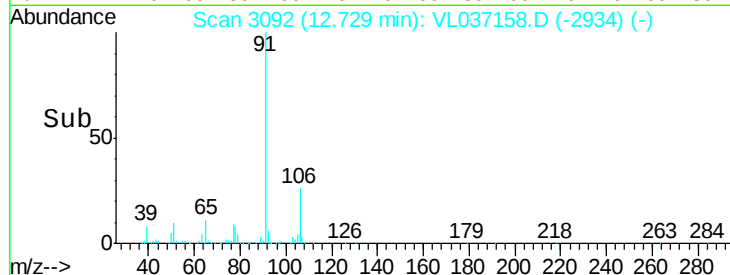
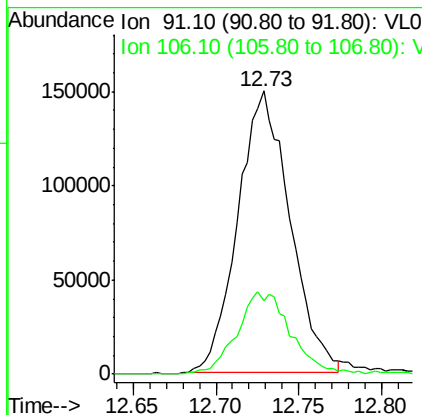
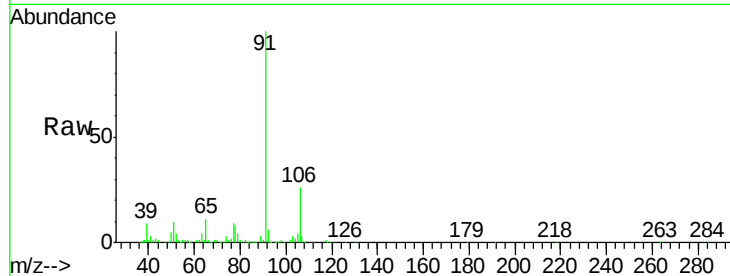
Ion Ratio Lower Upper

91 100

106 25.5 26.8 40.2#

Manual Integrations
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#59

m/p-Xylene

Concen: 1.115 ppbv

RT: 12.99 min Scan# 3172

Delta R.T. -0.02 min

Lab File: VL037158.D

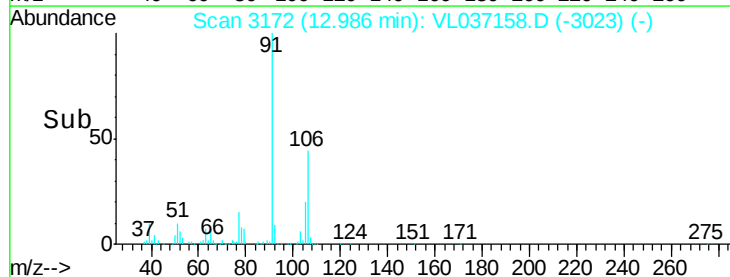
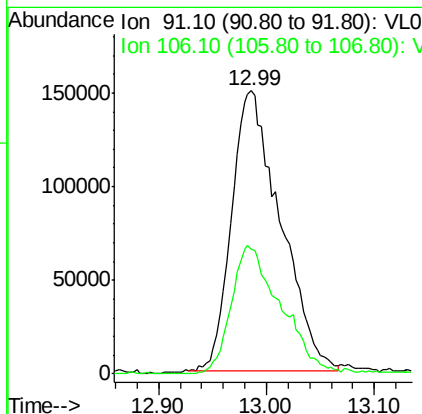
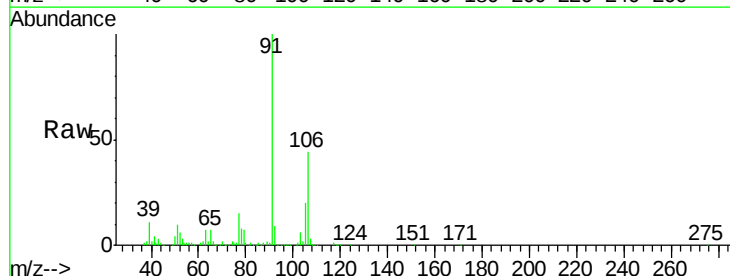
Acq: 15 Jun 2021 15:48

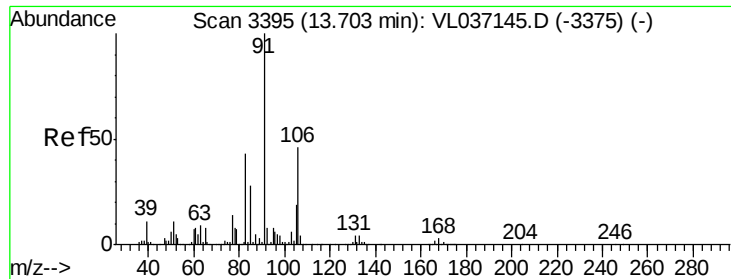
Tgt Ion: 91 Resp: 473522

Ion Ratio Lower Upper

91 100

106 47.4 36.9 55.3





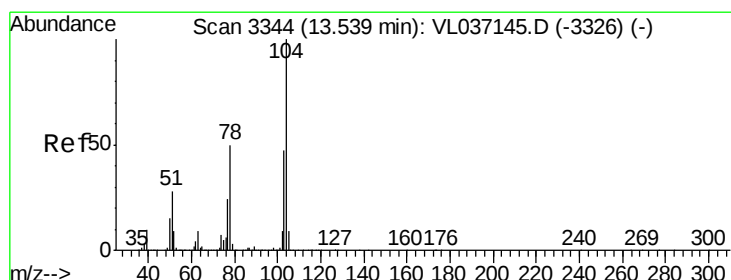
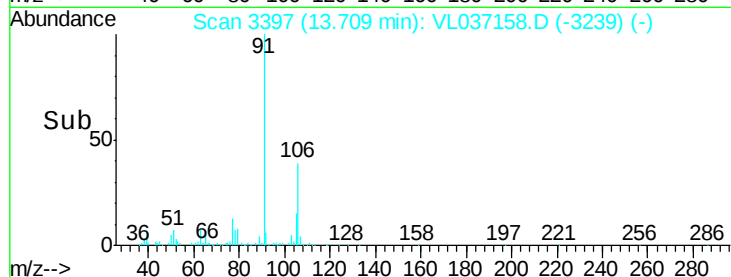
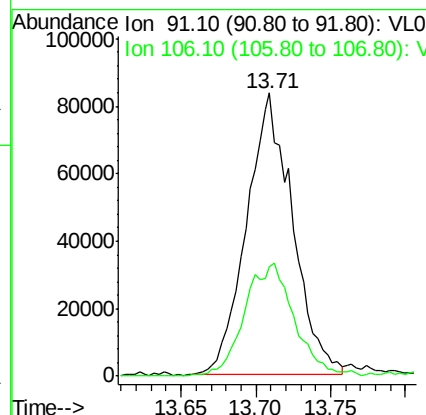
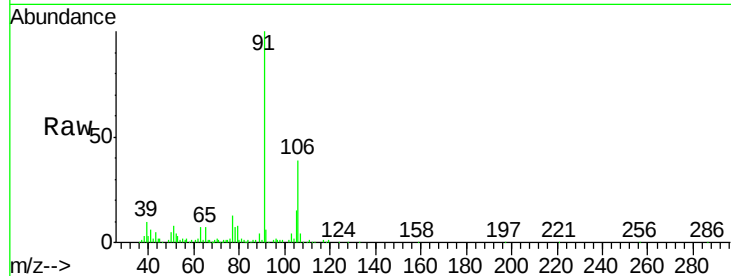
#60
o-Xylene
Concen: 0.435 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tot Ion	Ratio	Lower	Upper
91	100		
106	43.7	23.1	69.3

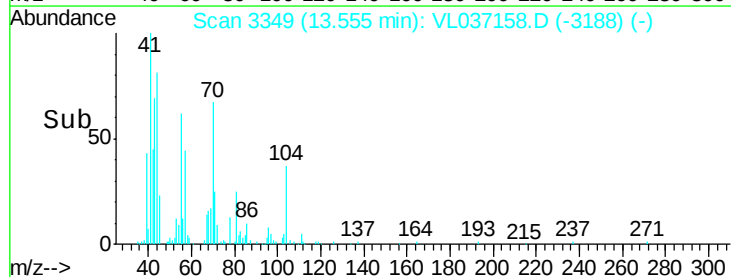
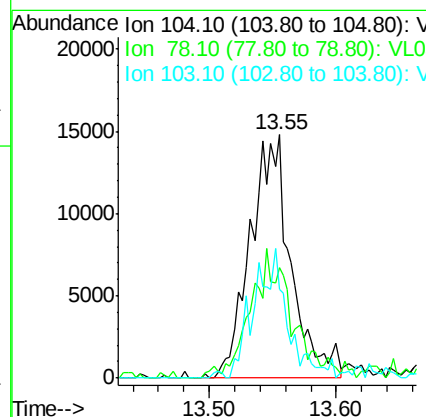
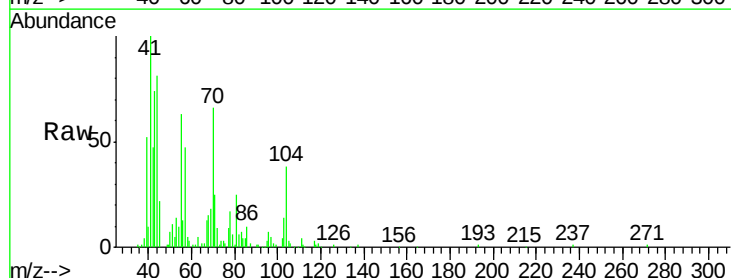
Manual Integrations
APPROVED

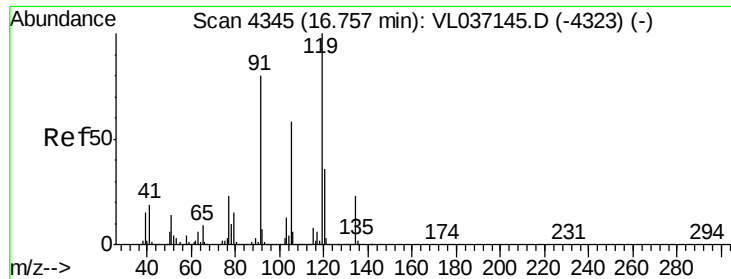
MMDadoda
6/16/2021 5:01:34 PM



#61
Styrene
Concen: 0.153 ppbv m
RT: 13.55 min Scan# 3349
Delta R.T. 0.02 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.1	40.9	61.3
103	0.0	38.6	58.0#





#65

tert-Butylbenzene

Concen: 0.095 ppbv m

RT: 16.78 min Scan# 4352

Delta R.T. 0.02 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Instrument :

MSVOA_L

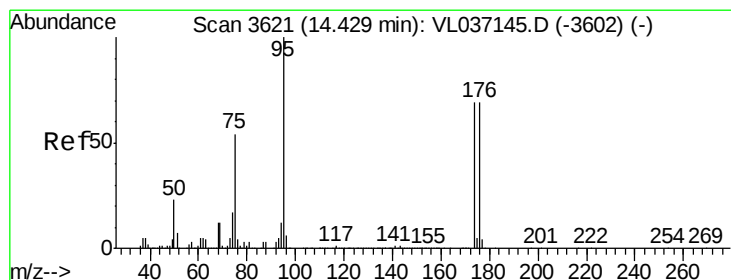
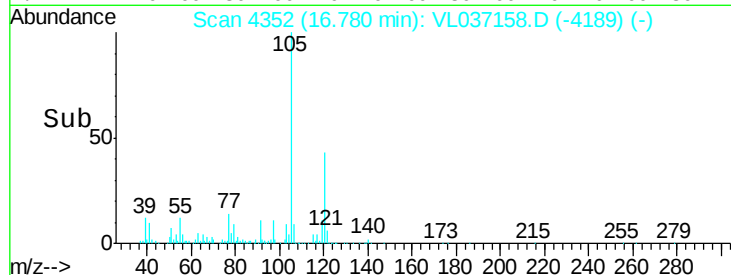
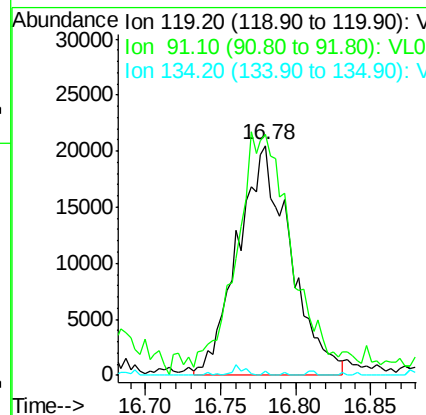
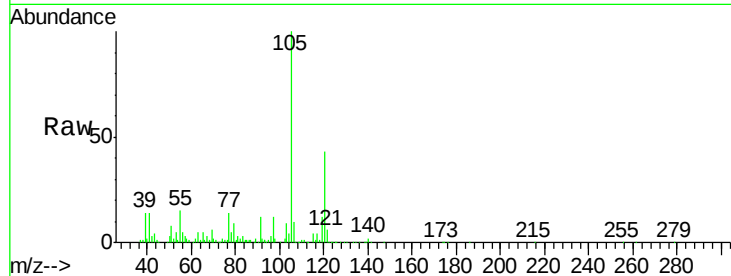
ClientSampleId :

IA1DUP

Tot Ion	Ratio	Lower	Upper
119	100		
91	119.0	62.8	94.2#
134	1.3	16.5	24.7#

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.325 ppbv

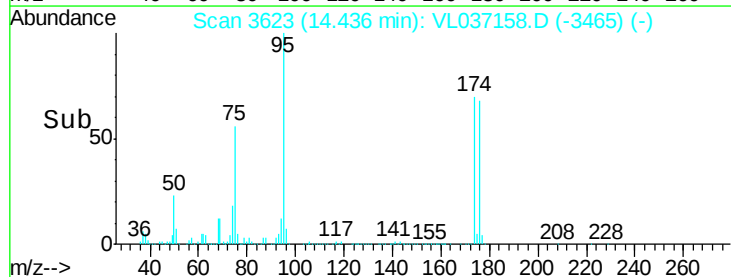
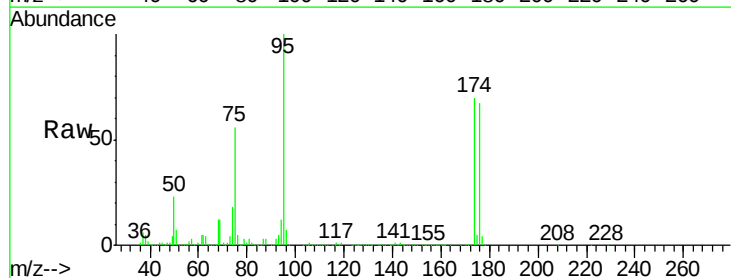
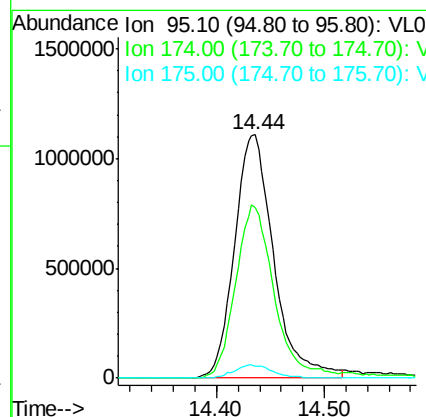
RT: 14.44 min Scan# 3623

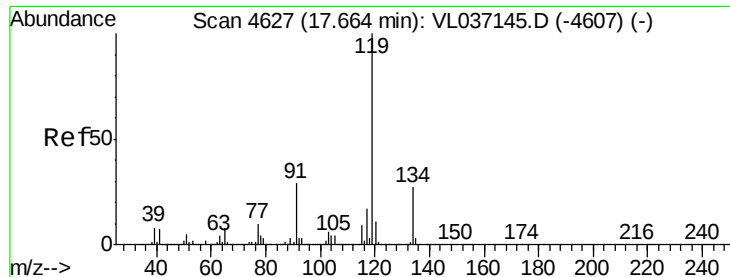
Delta R.T. 0.01 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.3	57.6	86.4
175	5.6	4.4	6.6





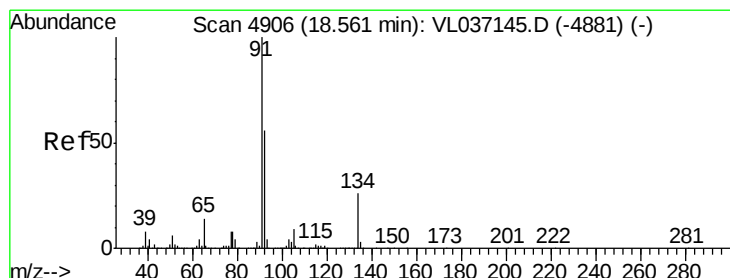
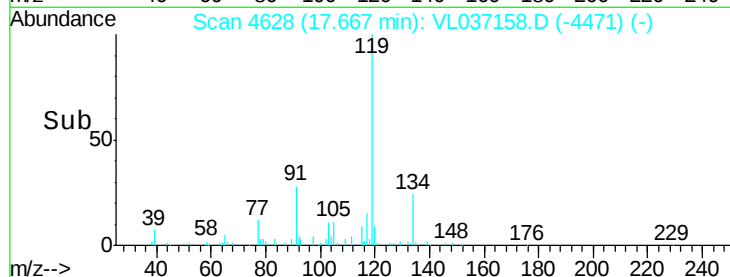
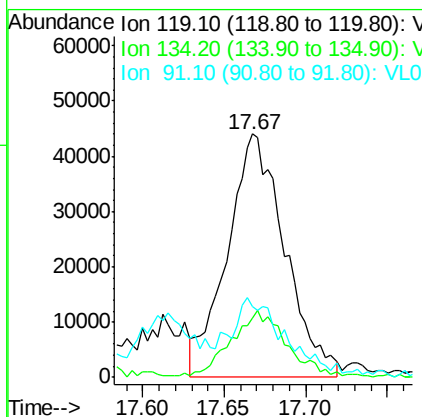
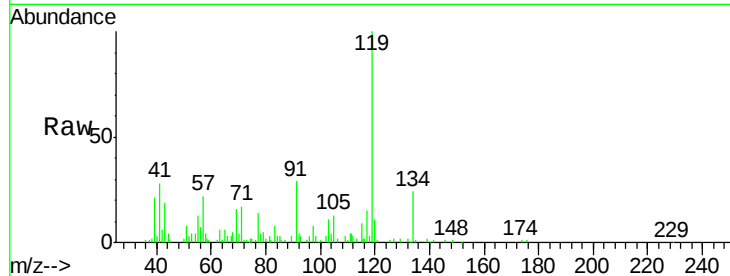
#69
p-Isopropyltoluene
Concen: 0.186 ppbv m
RT: 17.67 min Scan# 4628
Delta R.T. 0.00 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampled :
IA1DUP

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	0.0	21.2	31.8#
91	0.0	22.9	34.3#

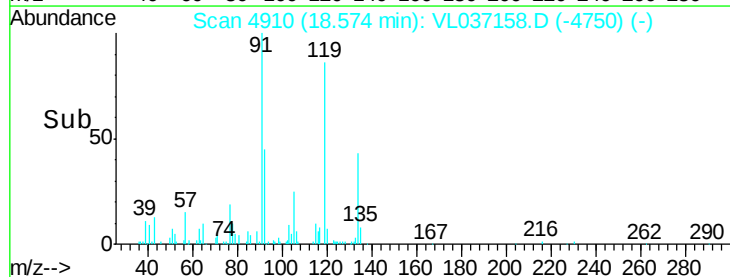
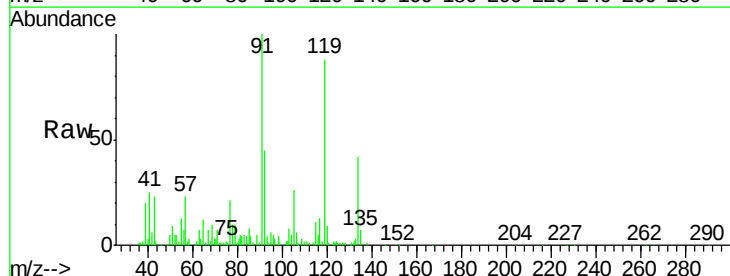
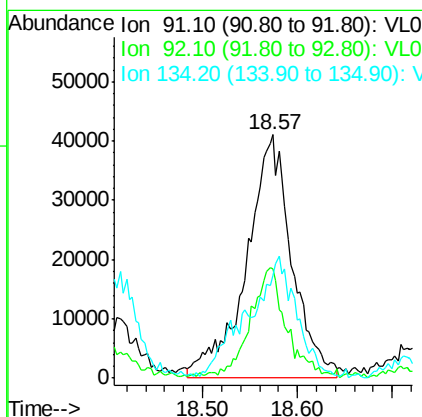
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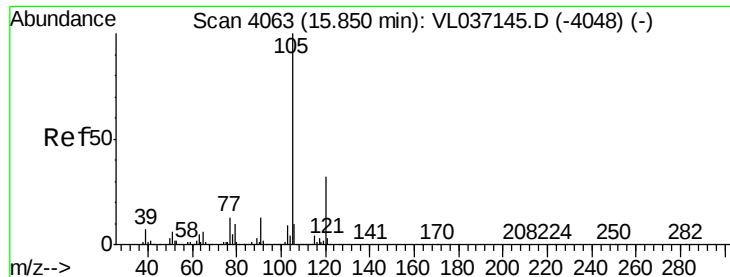
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#70
n-Butylbenzene
Concen: 0.256 ppbv m
RT: 18.57 min Scan# 4910
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
92	37.2	44.0	66.0#
134	0.0	20.4	30.6#





#72

4-Ethyltoluene

Concen: 0.149 ppbv

RT: 15.86 min Scan# 4065

Delta R.T. 0.01 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Instrument :

MSVOA_L

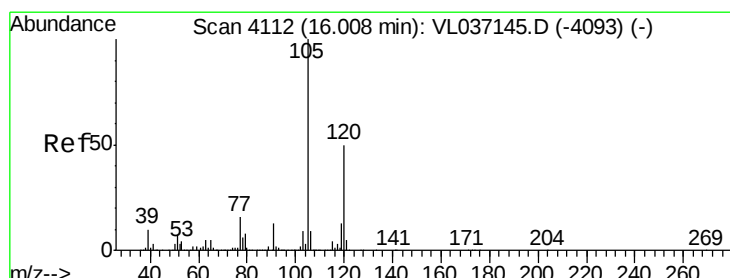
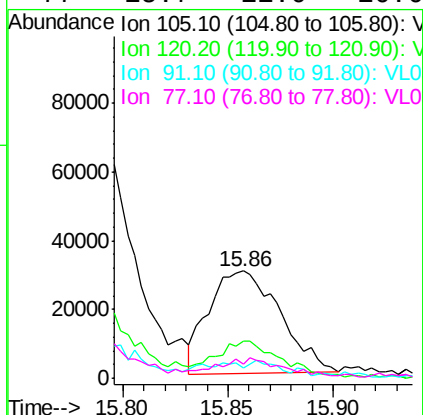
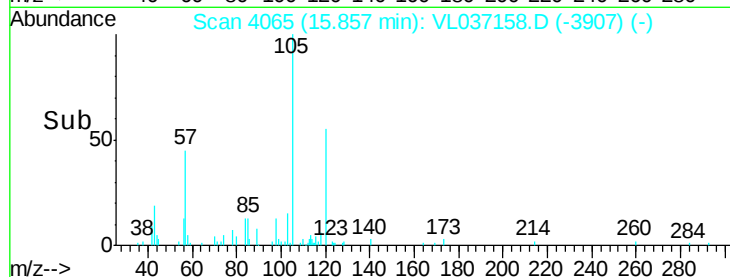
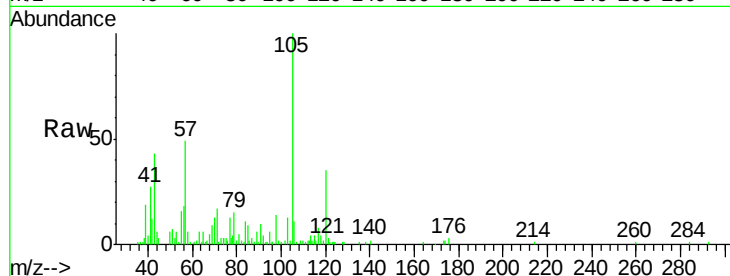
ClientSampleId :

IA1DUP

Tot Ion	Ratio	Lower	Upper
105	100		
120	35.8	25.1	37.7
91	18.3	10.3	15.5
77	15.7	11.0	16.6

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#73

1,3,5-Trimethylbenzene

Concen: 0.243 ppbv m

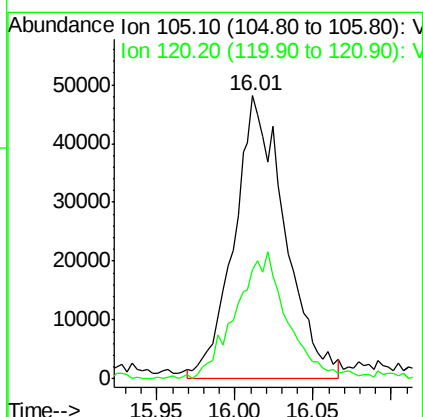
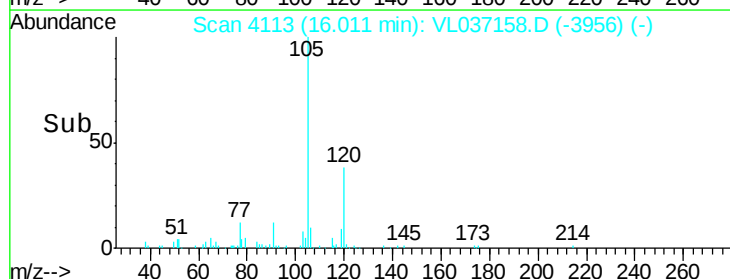
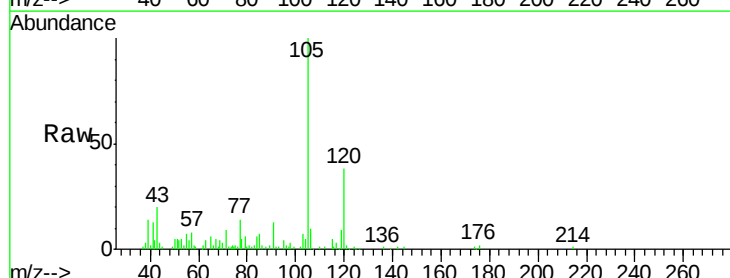
RT: 16.01 min Scan# 4113

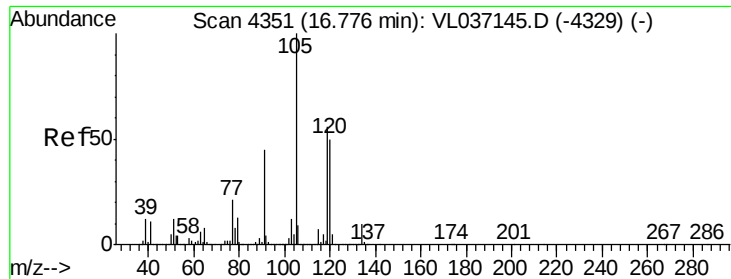
Delta R.T. 0.00 min

Lab File: VL037158.D

Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	38.5	39.7	59.5





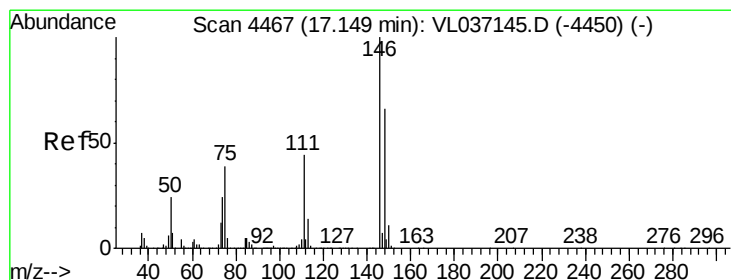
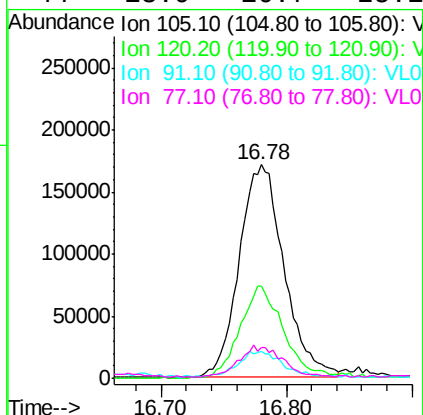
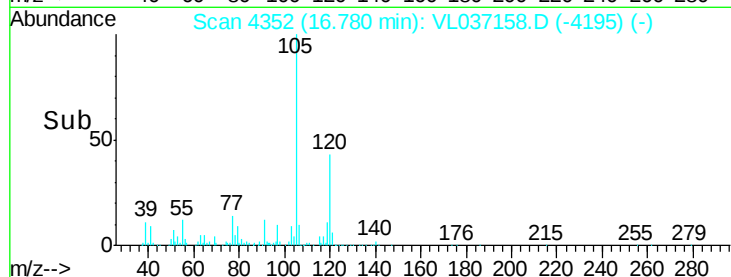
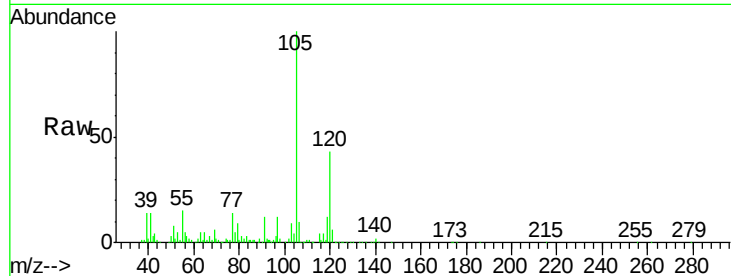
#74
 1,2,4-Trimethylbenzene
 Concen: 0.931 ppbv
 RT: 16.78 min Scan# 4352
 Delta R.T. 0.00 min
 Lab File: VL037158.D
 Acq: 15 Jun 2021 15:48

Instrument :
 MSVOA_L
 ClientSampled :
 IA1DUP

Tot Ion	Ratio	Resp	Lower	Upper
105	100	425497		
120	42.9	39.7	59.5	
91	11.6	35.8	53.8	
77	13.9	16.7	25.1	

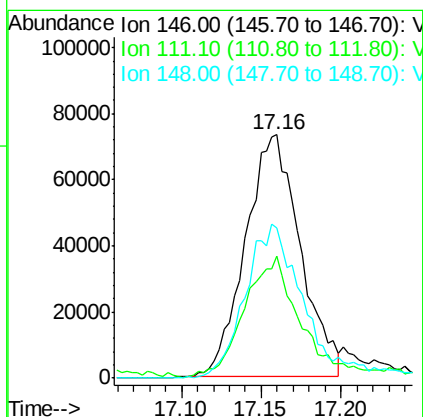
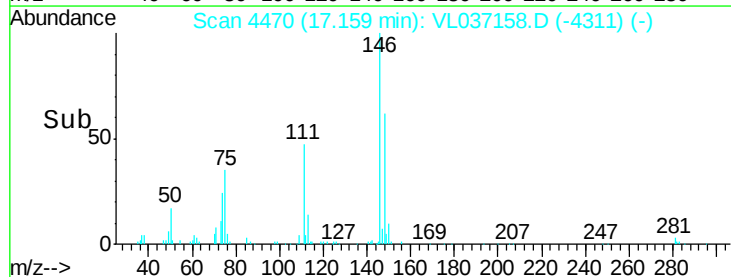
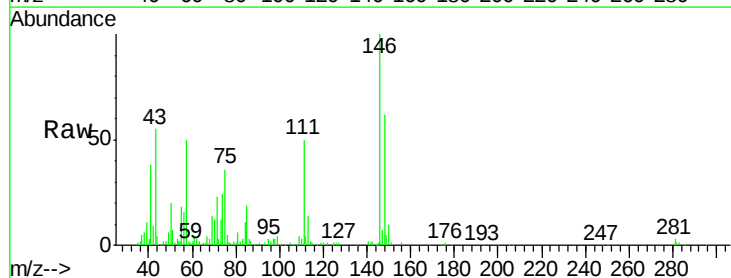
Manual Integrations
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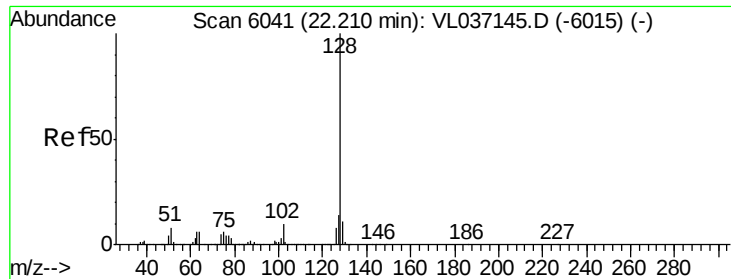
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#76
 1,4-Dichlorobenzene
 Concen: 0.619 ppbv
 RT: 17.16 min Scan# 4470
 Delta R.T. 0.01 min
 Lab File: VL037158.D
 Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172985		
111	52.7	21.9	65.5	
148	70.0	32.4	97.0	





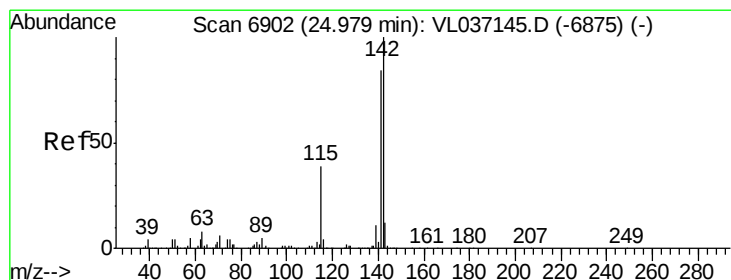
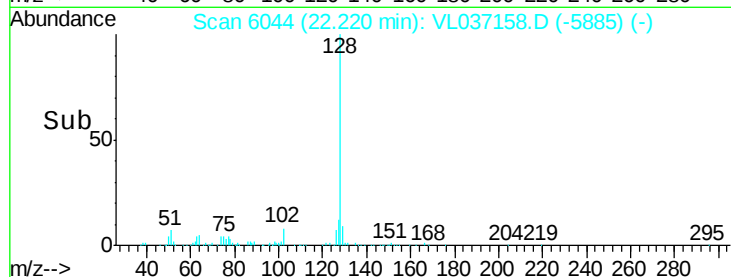
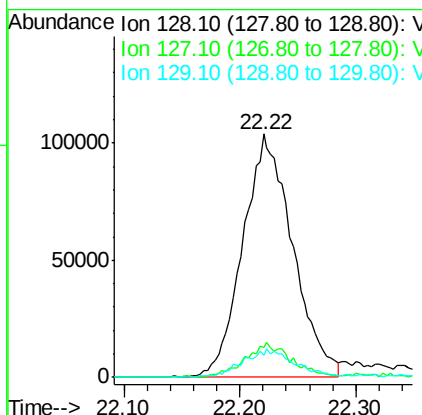
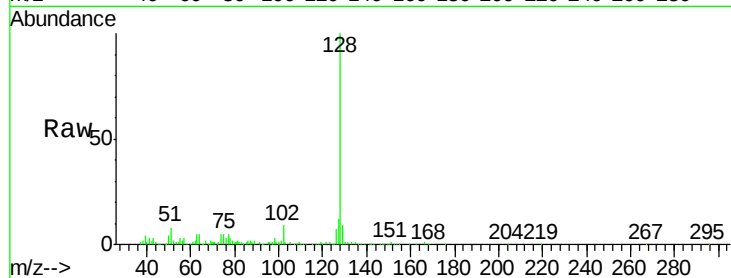
#79
Naphthalene
Concen: 1.128 ppbv
RT: 22.22 min Scan# 6044
Delta R.T. 0.01 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Instrument :
MSVOA_L
ClientSampled :
IA1DUP

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.9	16.3
129	9.2	9.0	13.4

Manual Integrations
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#80
Naphthalene, 2-methyl-
Concen: 0.163 ppbv m
RT: 24.98 min Scan# 6901
Delta R.T. -0.00 min
Lab File: VL037158.D
Acq: 15 Jun 2021 15:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	41.0	66.7	100.1#
115	38.8	32.2	48.2

