

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034992.D
 Acq On : 12 May 2020 18:23
 Operator : SY/AP
 Sample : L2567-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
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MMDadoda
 5/13/2020 5:11:59 PM

Quant Time: May 14 13:41:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1048444	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2540070	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2352647	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1935882	10.17	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	41326	0.278	ppbv	96
4) Chloromethane	3.10	50	40465	0.590	ppbv #	83
9) Propene	2.98	41	422602m	8.136	ppbv	
10) Heptane	8.13	43	1456402	11.192	ppbv	98
11) Trichlorofluoromethane	3.92	101	55646	0.363	ppbv #	83
13) Ethanol	3.58	45	2699714	157.508	ppbv	99
15) Acetone	3.81	43	8251052m	59.528	ppbv	
19) Isopropyl Alcohol	3.95	45	1277955m	13.825	ppbv	
20) Methylene Chloride	4.32	84	73748	1.607	ppbv	95
26) Hexane	5.67	57	2485483	24.624	ppbv #	48
30) Cyclohexane	7.13	84	654427	8.402	ppbv	98
34) 2-Butanone	5.23	43	156912	0.994	ppbv	100
35) Carbon Tetrachloride	7.02	117	9313m	0.058	ppbv	
36) Benzene	6.89	78	1381995	6.599	ppbv	99
38) Trichloroethene	7.85	130	153388	1.891	ppbv	90
41) Tetrahydrofuran	6.04	42	123680	1.488	ppbv	96
44) 2,2,4-Trimethylpentane	7.87	57	2263536	6.080	ppbv #	80
50) 4-Methyl-2-Pentanone	8.76	43	81355	0.361	ppbv	99
52) Tetrachloroethene	11.25	164	606871	8.150	ppbv	97
53) Toluene	9.83	91	12664346	57.047	ppbv #	83
58) Ethyl Benzene	12.74	91	2469958	8.490	ppbv	99
59) m/p-Xylene	12.99	91	6233024	24.351	ppbv #	61
60) o-Xylene	13.72	91	2470474	9.781	ppbv	100
61) Styrene	13.56	104	676215m	4.230	ppbv	
62) Isopropylbenzene	14.70	105	167176	0.443	ppbv	92
64) n-propylbenzene	15.59	120	144399m	1.493	ppbv	
65) tert-Butylbenzene	16.80	119	237118	0.725	ppbv #	72
67) sec-Butylbenzene	17.33	105	67594m	0.145	ppbv	
70) n-Butylbenzene	18.59	91	219017m	0.545	ppbv	
72) 4-Ethyltoluene	15.87	105	700069	2.484	ppbv	98
73) 1,3,5-Trimethylbenzene	16.03	105	613638	2.238	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	2155073	7.199	ppbv #	77
79) Naphthalene	22.26	128	172184m	0.739	ppbv	
80) Naphthalene,2-methyl-	25.01	142	26856	0.469	ppbv #	78

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

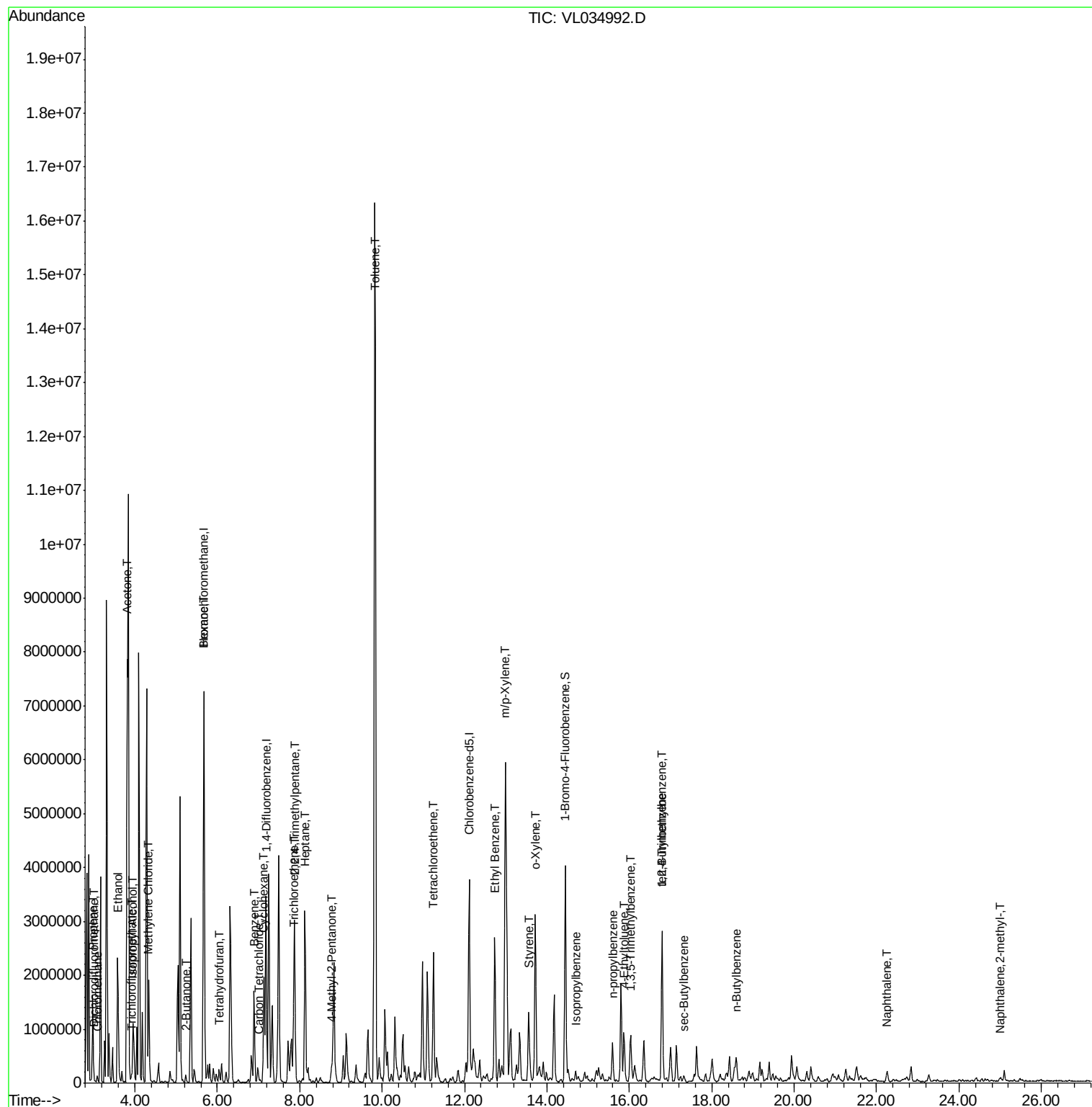
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051220\
Data File : VL034992.D
Acq On : 12 May 2020 18:23
Operator : SY/AP
Sample : L2567-03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

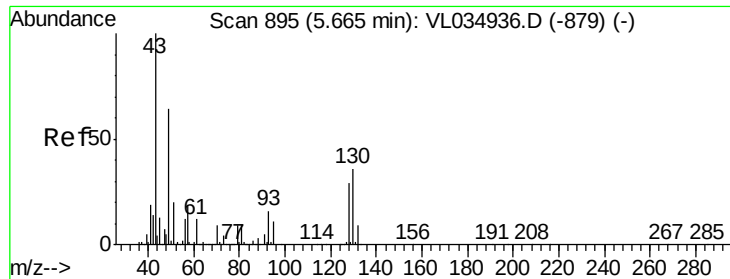
Instrument :
MSVOA_L
ClientSampled :
IA-2

Manual Integrations
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Quant Time: May 14 13:41:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

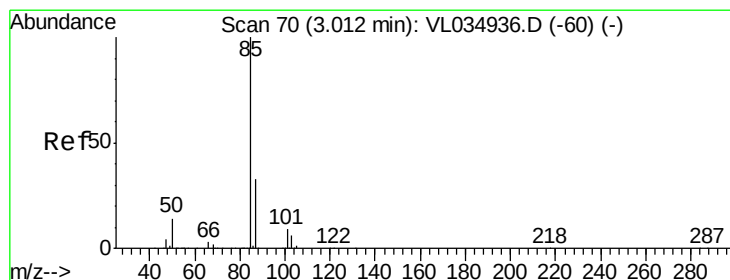
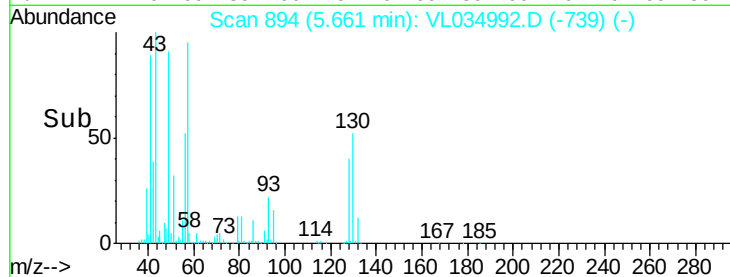
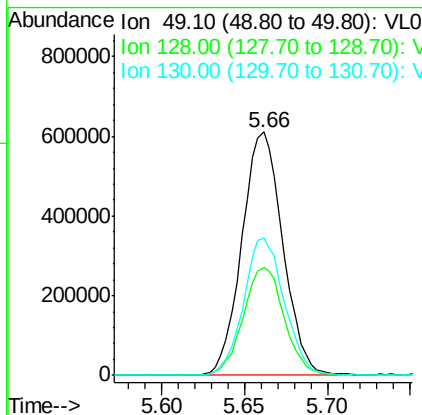
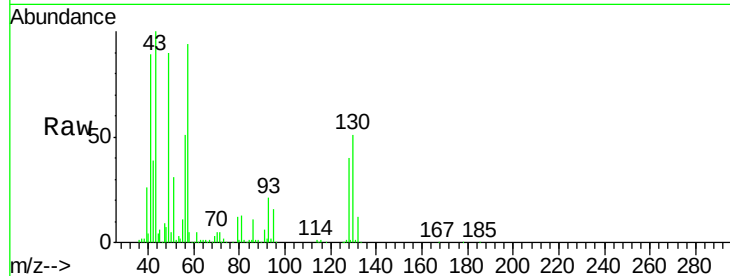
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Instrument :
 MSVOA_L
 ClientSampled :
 IA-2

Tot Ion	Ratio	Lower	Upper
49	100		
128	44.6	22.1	66.5
130	56.3	29.1	87.3

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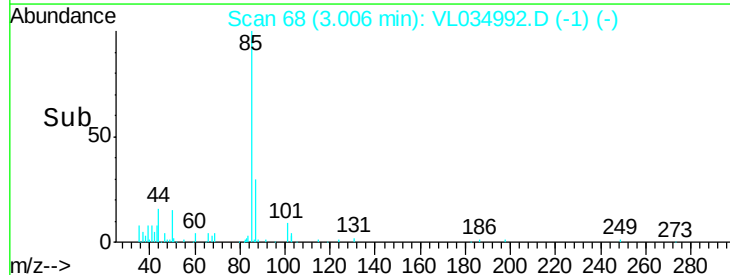
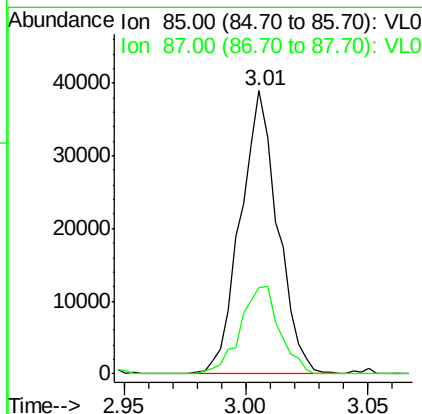
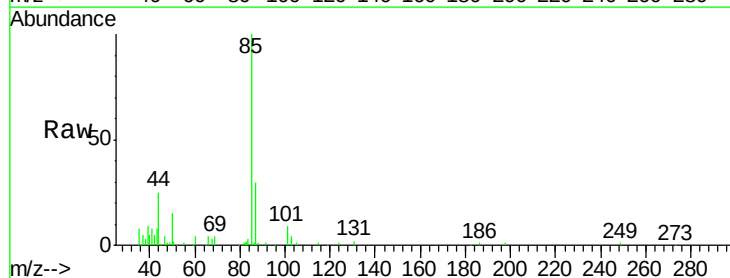
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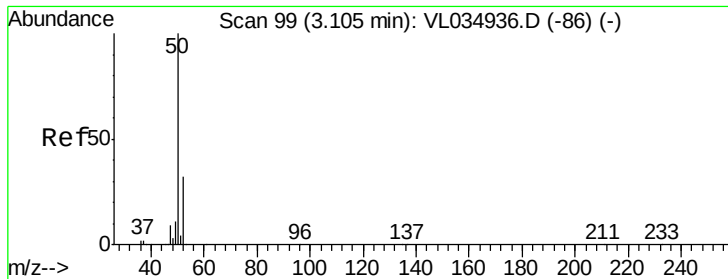


#2

Dichlorodifluoromethane
 Concen: 0.278 ppbv
 RT: 3.01 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.3	26.2	39.2





#4

Chloromethane

Concen: 0.590 ppbv

RT: 3.10 min Scan# 96

Delta R.T. -0.01 min

Lab File: VL034992.D

Acq: 12 May 2020 18:23

Instrument :

MSVOA_L

ClientSampleId :

IA-2

Tot Ion: 50 Resp: 40465

Ion Ratio Lower Upper

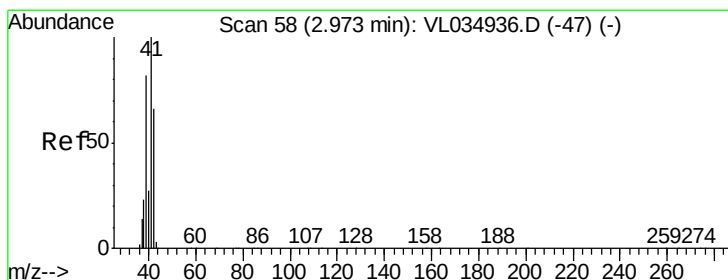
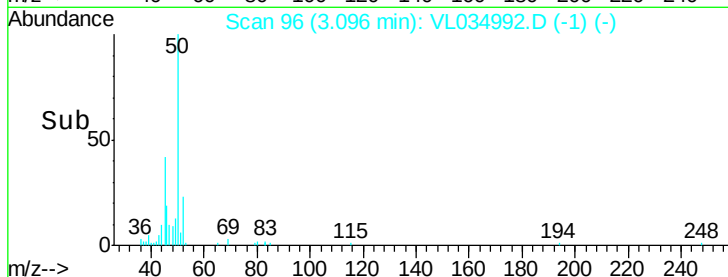
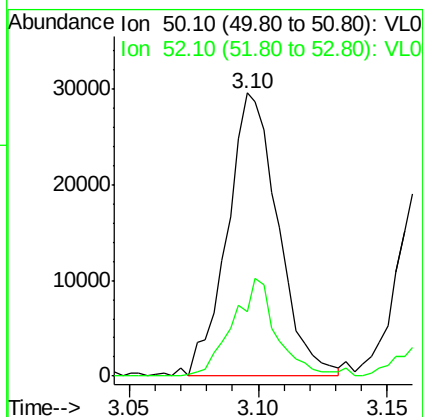
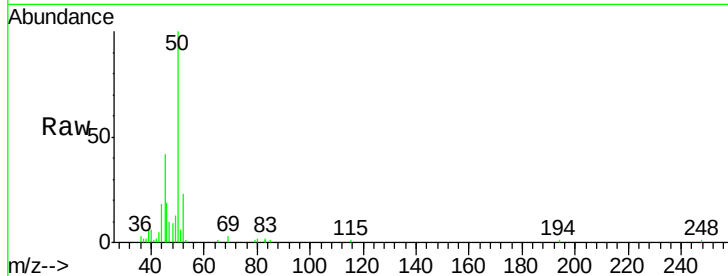
50 100

52 22.4 25.4 38.2#

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#9

Propene

Concen: 8.136 ppbv m

RT: 2.98 min Scan# 59

Delta R.T. 0.00 min

Lab File: VL034992.D

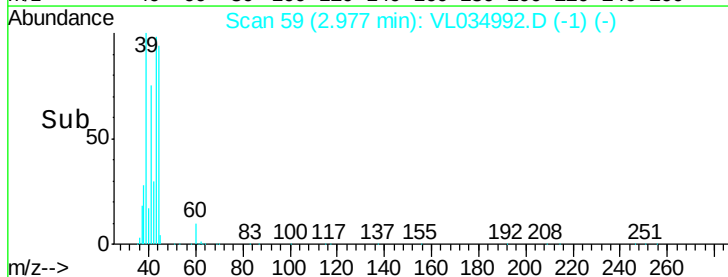
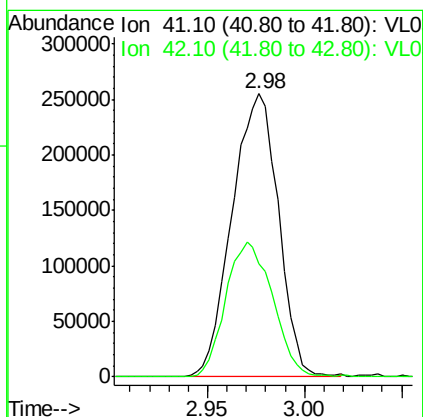
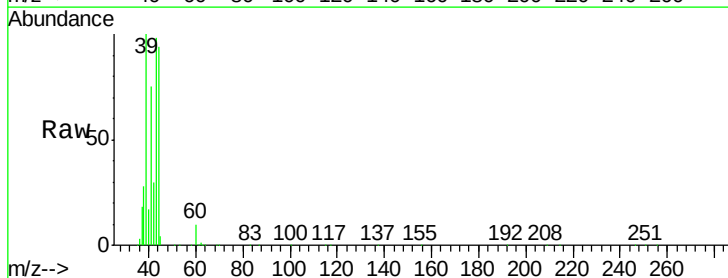
Acq: 12 May 2020 18:23

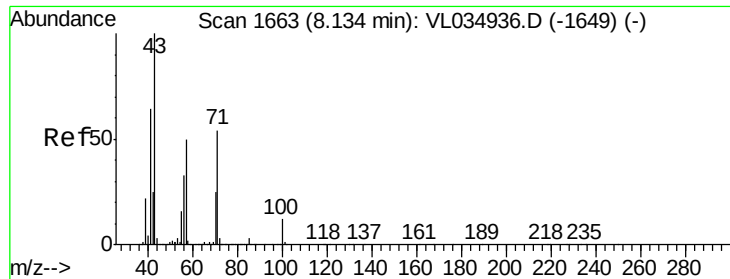
Tgt Ion: 41 Resp: 422602

Ion Ratio Lower Upper

41 100

42 157.5 54.5 81.7#





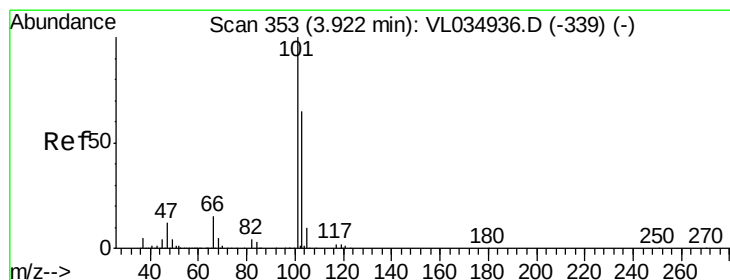
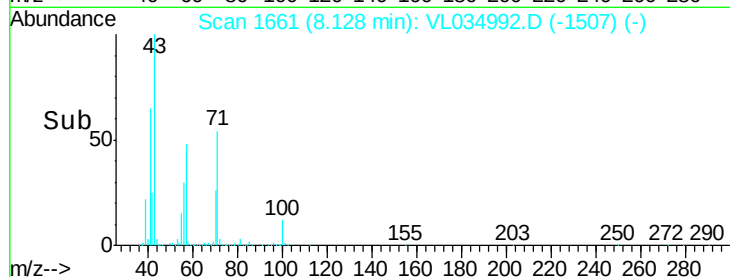
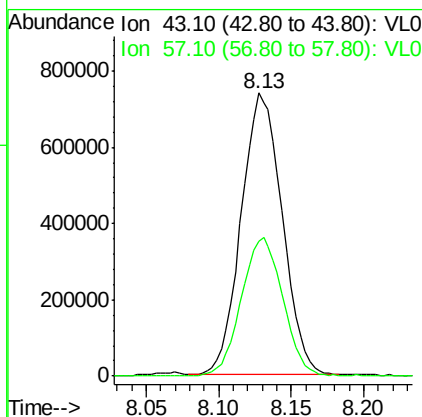
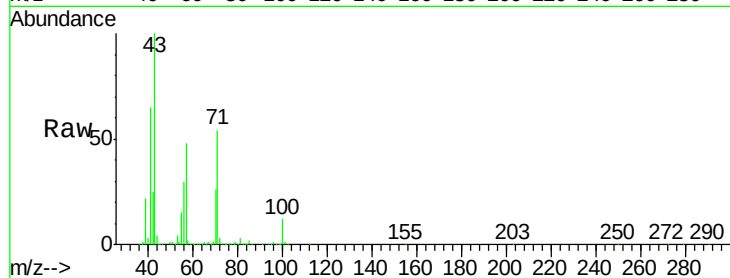
#10
 Heptane
 Concen: 11.192 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Instrument :
 MSVOA_L
 ClientSampled :
 IA-2

Tot Ion: 43 Resp: 1456402
 Ion Ratio Lower Upper
 43 100
 57 49.8 41.1 61.7

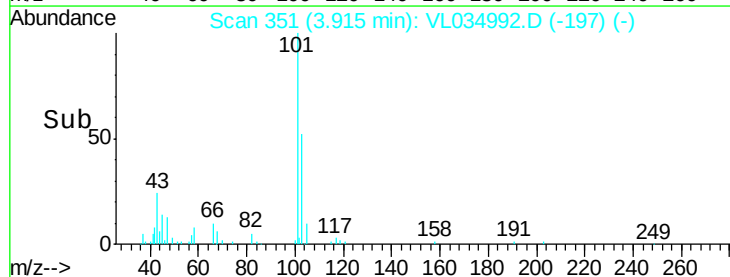
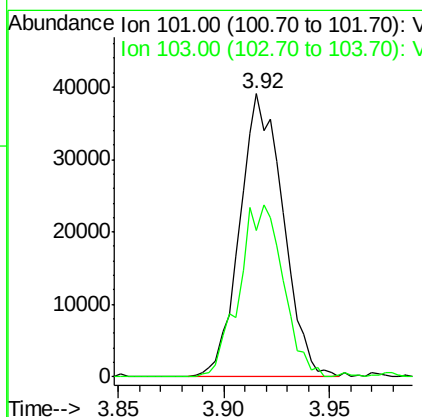
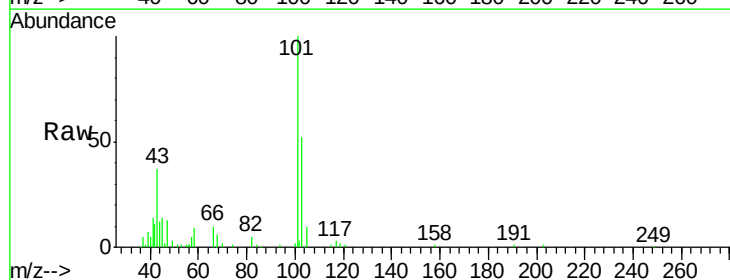
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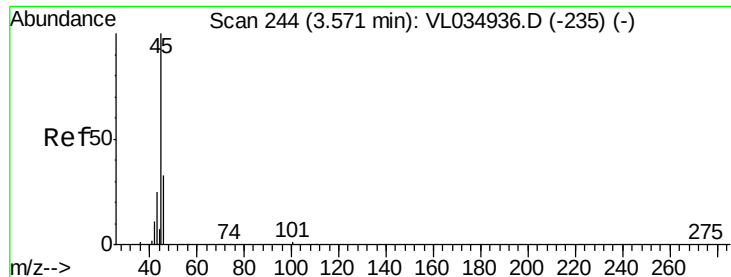
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#11
 Trichlorofluoromethane
 Concen: 0.363 ppbv
 RT: 3.92 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Tgt Ion:101 Resp: 55646
 Ion Ratio Lower Upper
 101 100
 103 51.6 51.9 77.9#





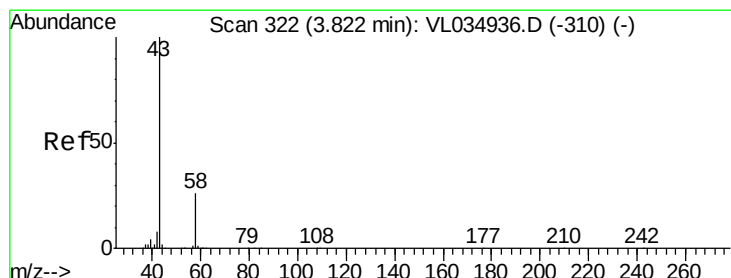
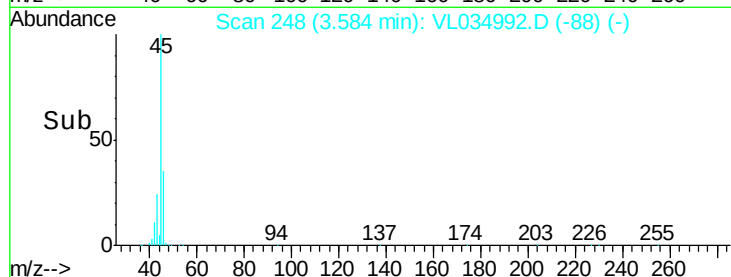
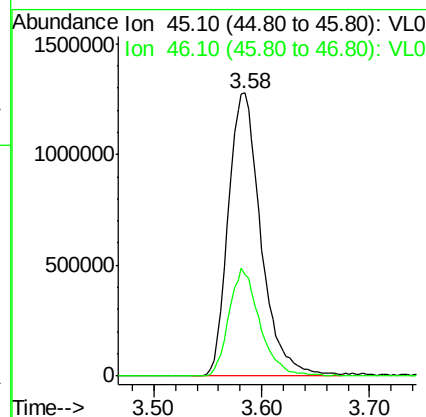
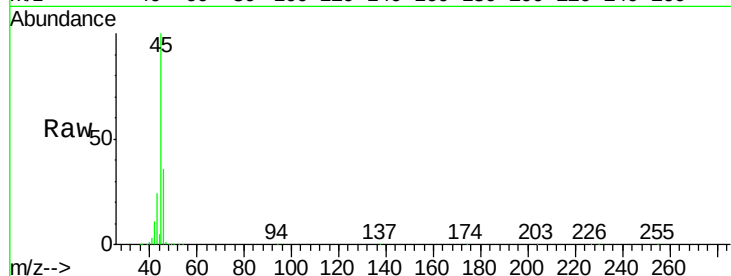
#13
Ethanol
Concen: 157.508 ppbv
RT: 3.58 min Scan# 248
Delta R.T. 0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampled :
IA-2

Tot Ion: 45 Resp: 2699714
Ion Ratio Lower Upper
45 100
46 36.5 14.3 57.3

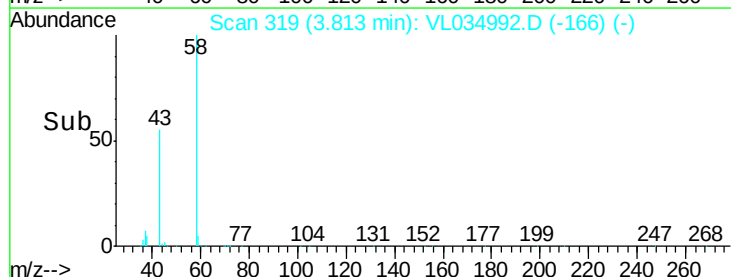
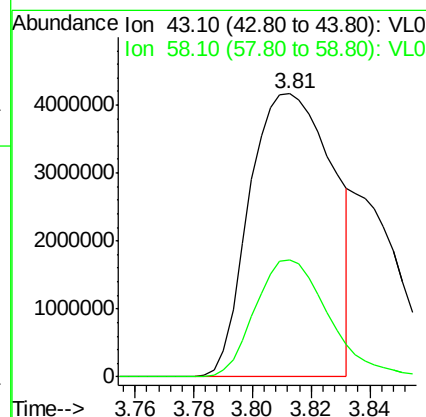
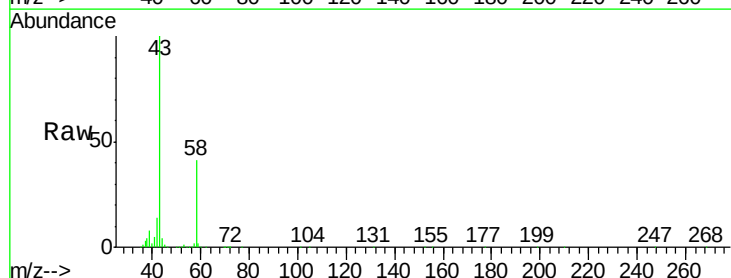
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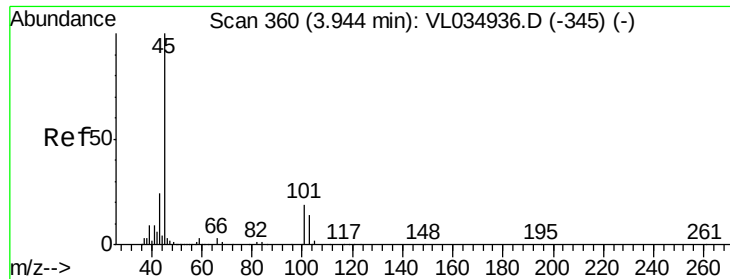
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#15
Acetone
Concen: 59.528 ppbv m
RT: 3.81 min Scan# 319
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion: 43 Resp: 8251052
Ion Ratio Lower Upper
43 100
58 36.6 21.7 32.5#





#19

Isopropyl Alcohol

Concen: 13.825 ppbv m

RT: 3.95 min Scan# 362

Delta R.T. 0.01 min

Lab File: VL034992.D

Acq: 12 May 2020 18:23

Instrument :

MSVOA_L

ClientSampled :

IA-2

Tot Ion: 45 Resp: 1277955

Ion Ratio Lower Upper

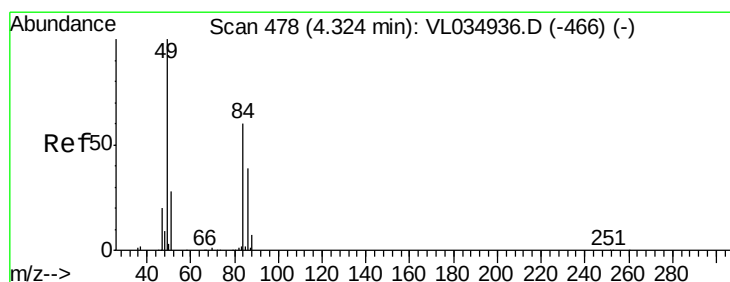
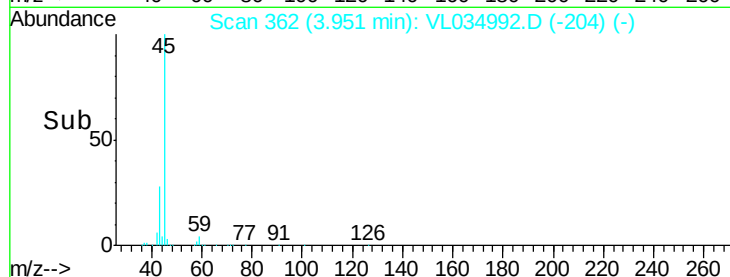
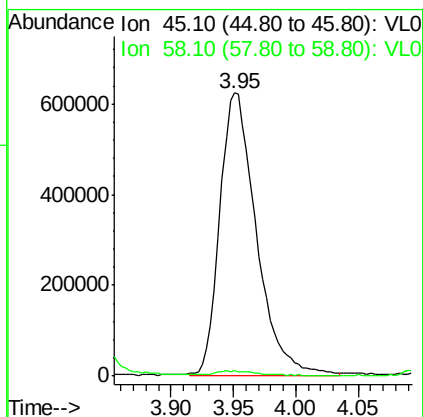
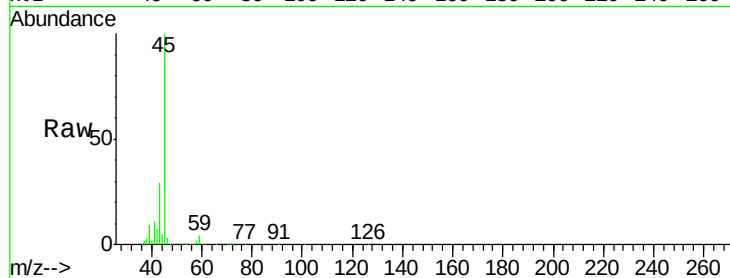
45 100

58 0.0 1.7 2.5#

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#20

Methylene Chloride

Concen: 1.607 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.00 min

Lab File: VL034992.D

Acq: 12 May 2020 18:23

Tgt Ion: 84 Resp: 73748

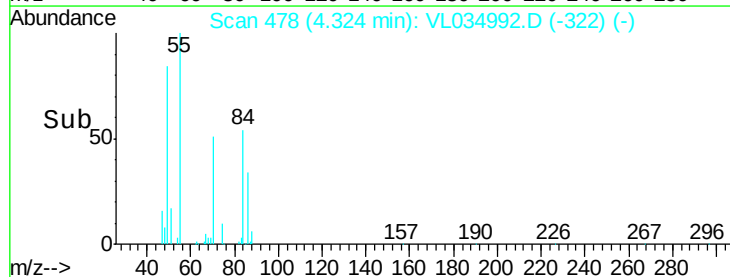
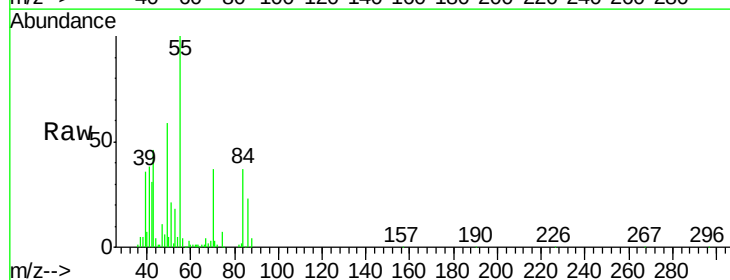
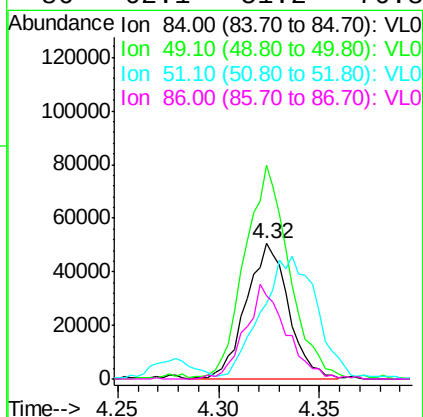
Ion Ratio Lower Upper

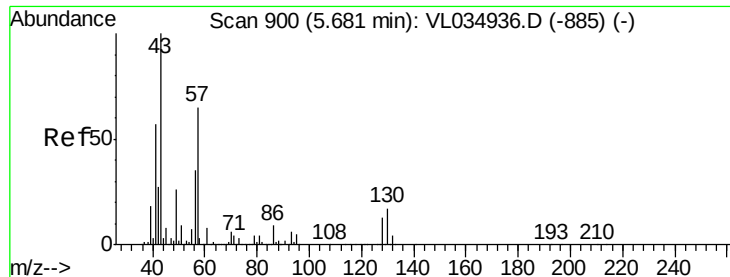
84 100

49 157.3 132.5 198.7

51 46.9 38.4 57.6

86 62.1 51.2 76.8





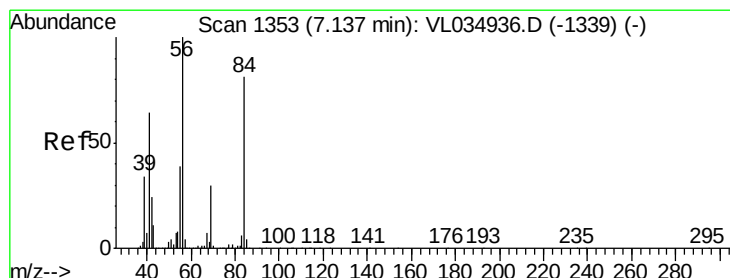
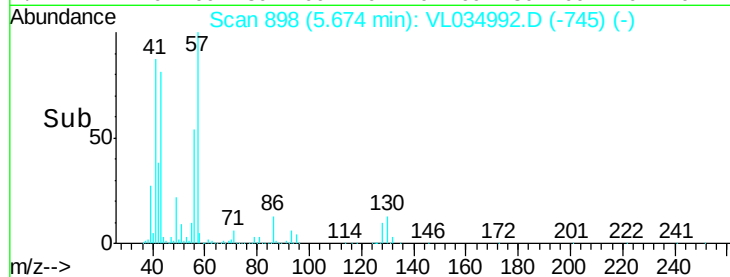
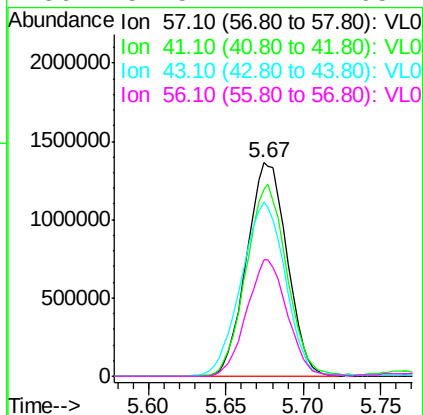
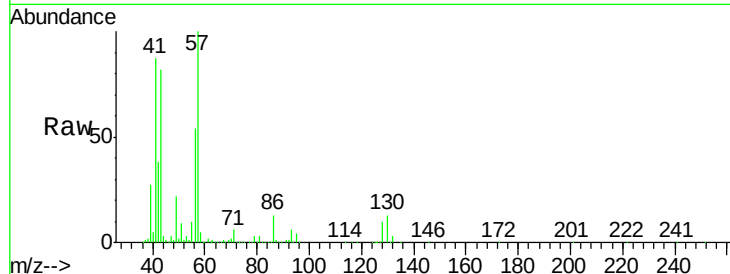
#26
Hexane
Concen: 24.624 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampled :
IA-2

Tot Ion	Ion	Ratio	Lower	Upper
57	100			
41	91.0	72.7	109.1	
43	88.4	182.1	273.1	#
56	54.5	42.2	63.2	

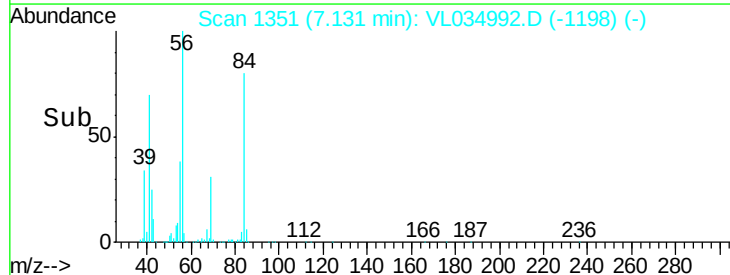
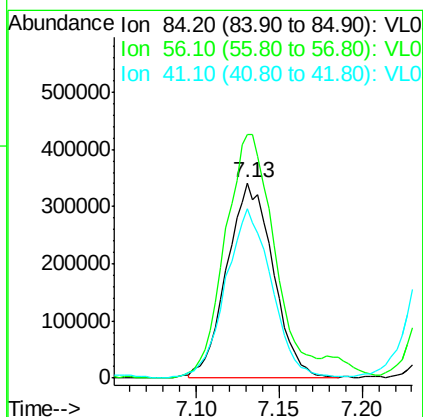
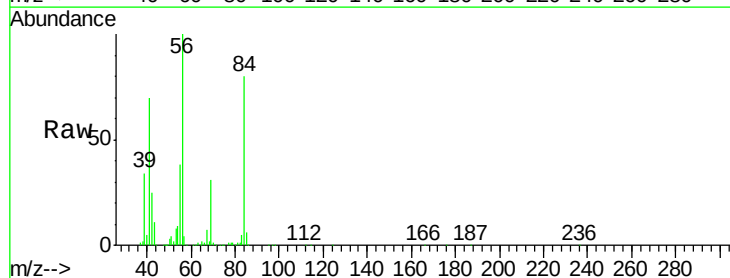
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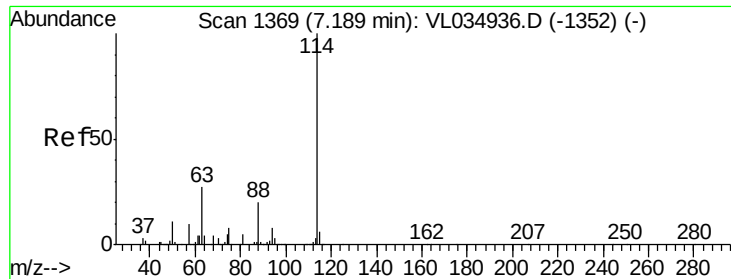
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#30
Cyclohexane
Concen: 8.402 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion	Ion	Ratio	Lower	Upper
84	100			
56	142.0	111.4	167.2	
41	85.6	66.7	100.1	





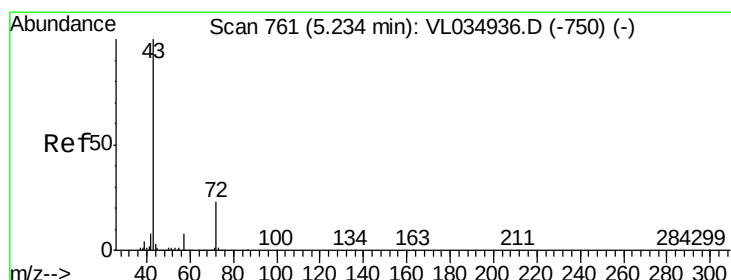
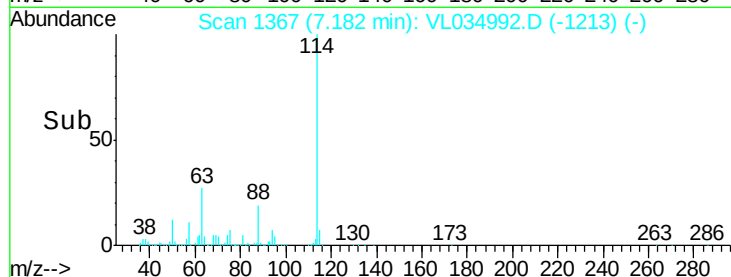
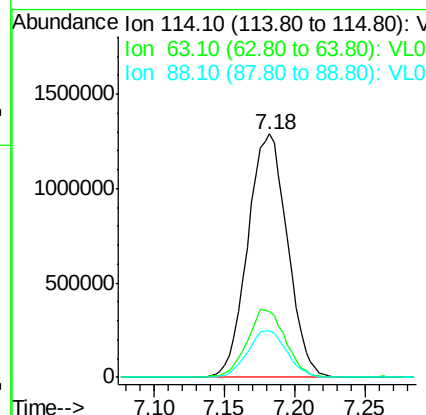
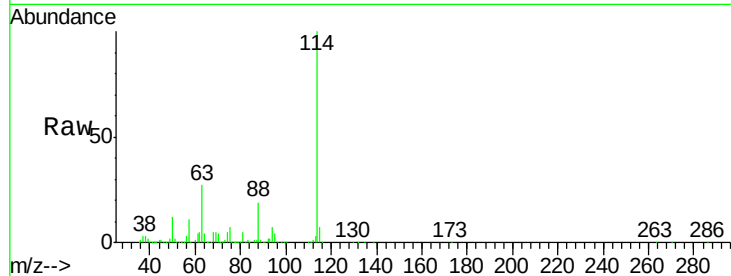
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 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	19.0	15.5	23.3

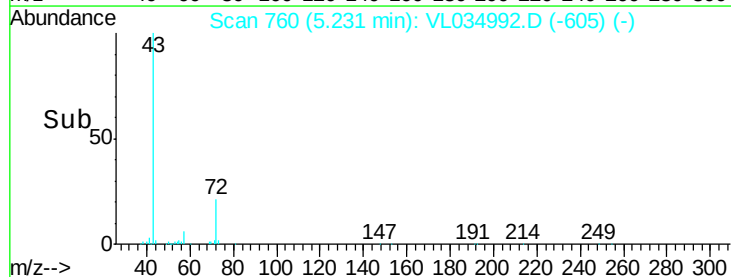
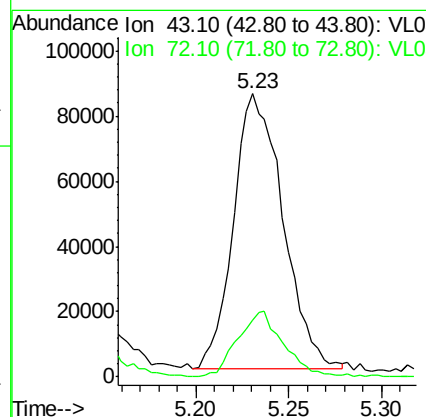
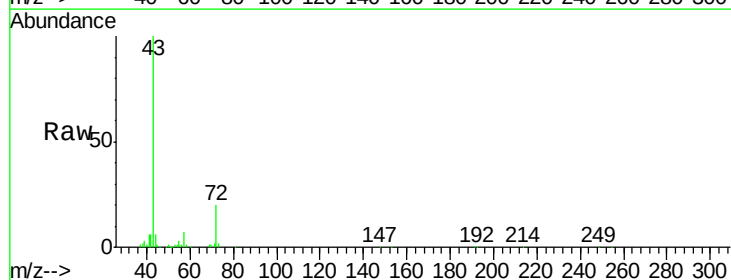
Manual Integrations
 APPROVED

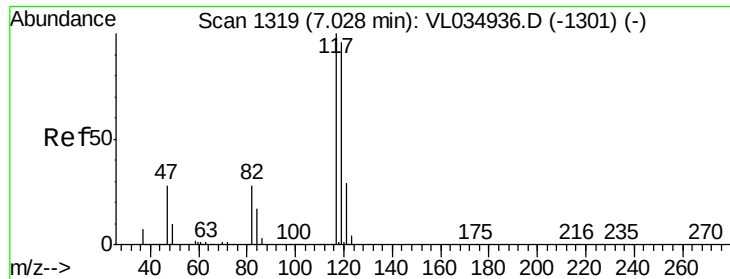
MMDadoda
 5/13/2020 5:11:59 PM



#34
 2-Butanone
 Concen: 0.994 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.0	27.0





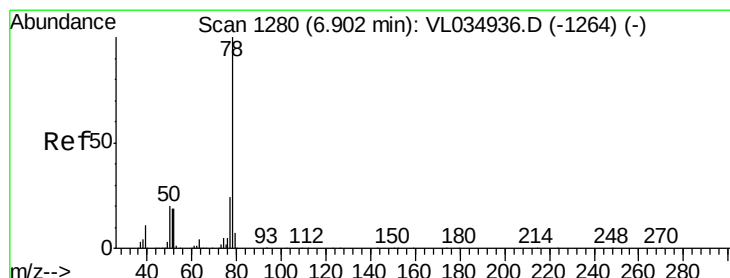
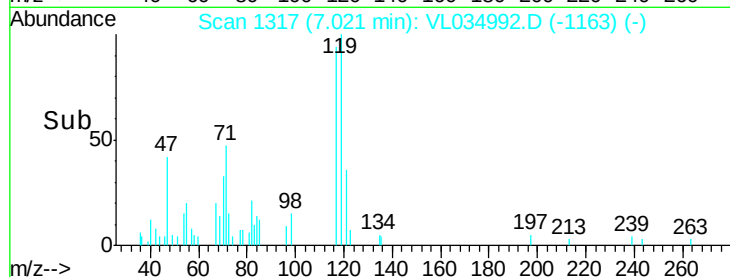
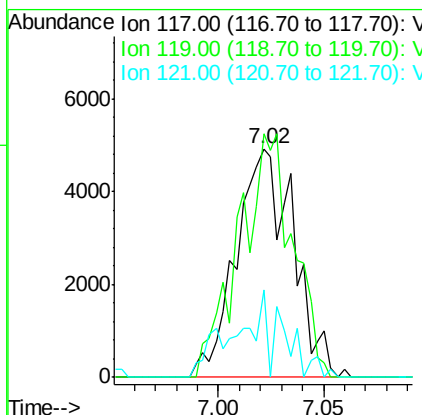
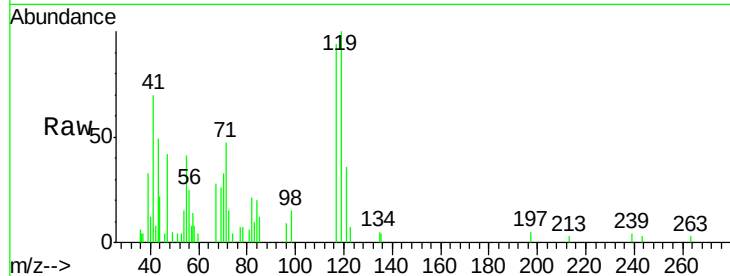
#35
Carbon Tetrachloride
Concen: 0.058 ppbv m
RT: 7.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampled :
IA-2

Tot Ion	Ratio	Lower	Upper
117	100		
119	106.4	77.0	115.6
121	38.3	23.0	34.6

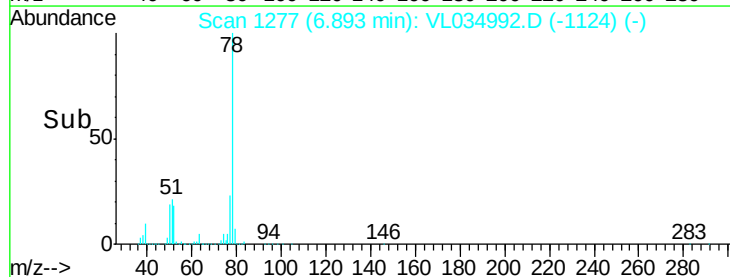
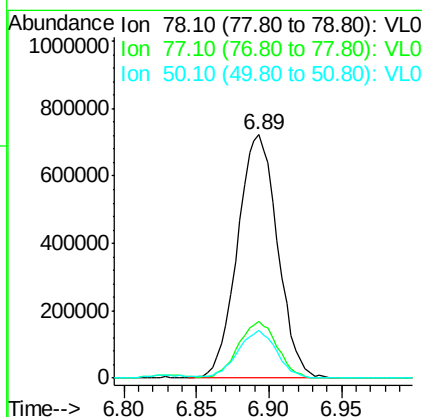
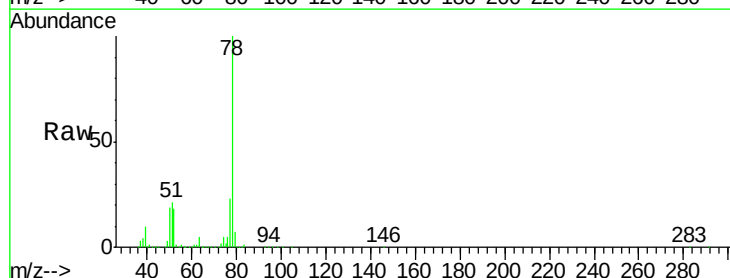
Manual Integrations
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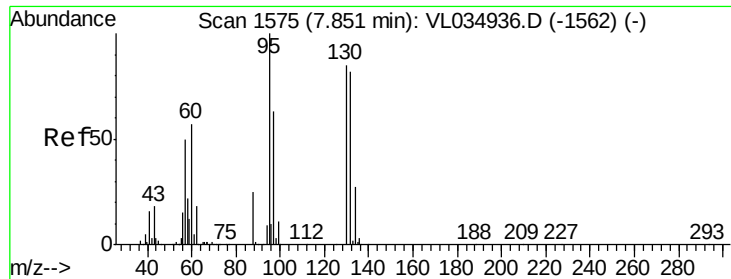
MMDadoda
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#36
Benzene
Concen: 6.599 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6
50	19.3	15.8	23.8





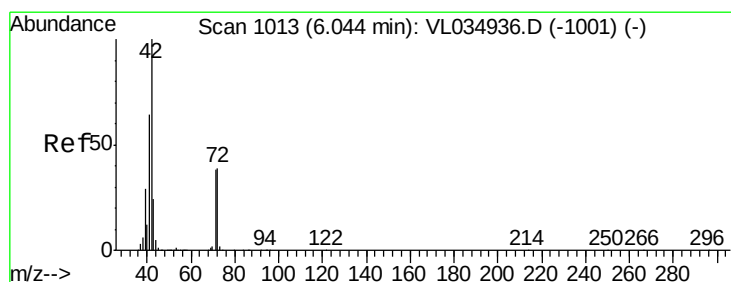
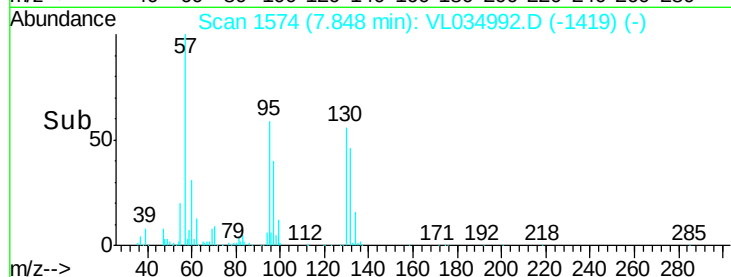
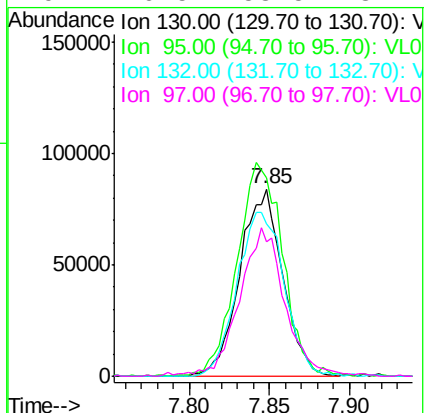
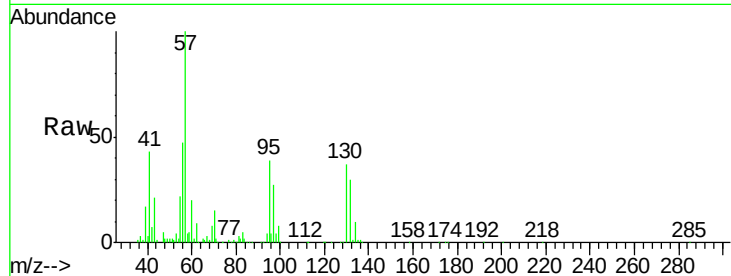
#38
 Trichloroethene
 Concen: 1.891 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Instrument :
 MSVOA_L
 ClientSampled :
 IA-2

Tot Ion	Ratio	Resp	Lower	Upper
130	100			
95	105.3		93.4	140.0
132	81.5		76.4	114.6
97	70.5		58.5	87.7

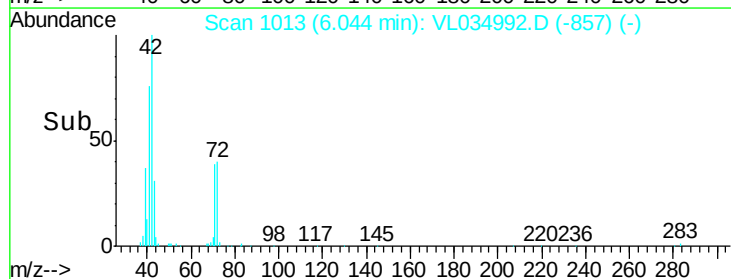
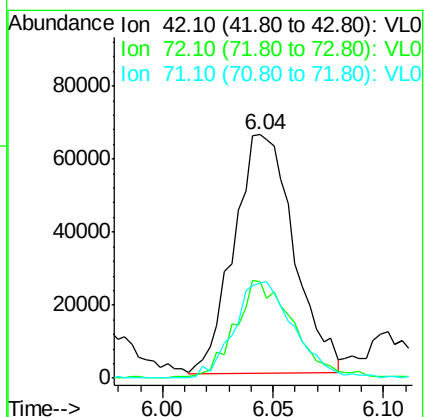
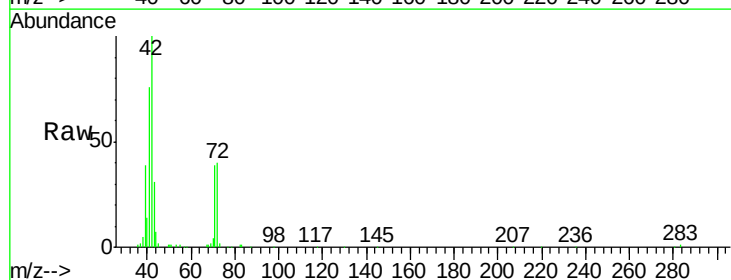
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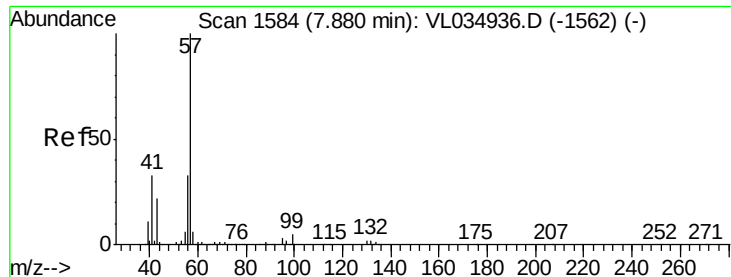
MMDadoda
 5/13/2020 5:11:59 PM



#41
 Tetrahydrofuran
 Concen: 1.488 ppbv
 RT: 6.04 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
72	40.4		31.4	47.0
71	40.5		29.8	44.8





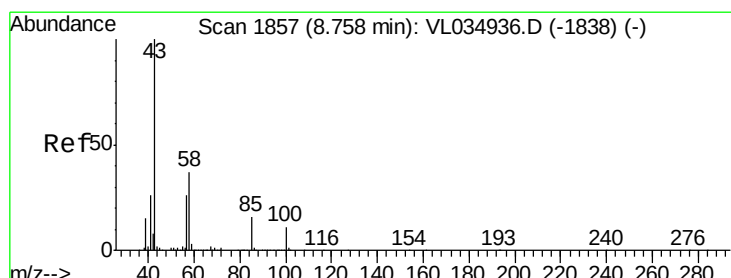
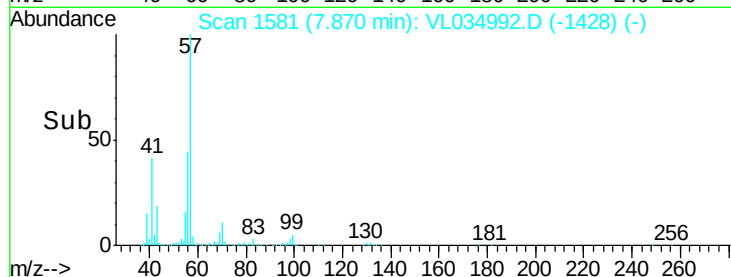
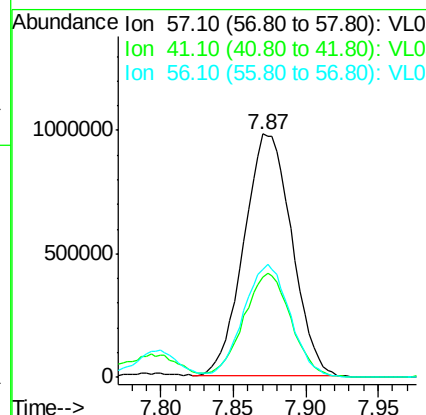
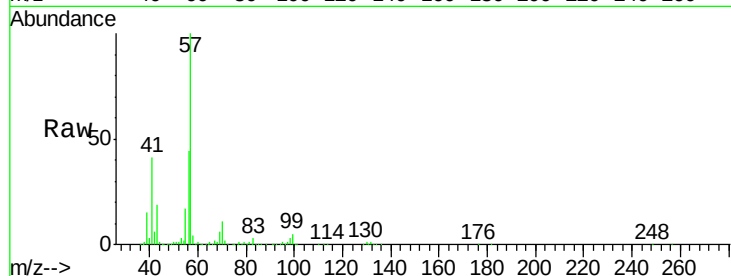
#44
 2,2,4-Trimethylpentane
 Concen: 6.080 ppbv
 RT: 7.87 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Instrument :
 MSVOA_L
 ClientSampled :
 IA-2

Tot Ion	Ratio	Lower	Upper
57	100		
41	42.5	26.4	39.6#
56	45.4	25.5	38.3#

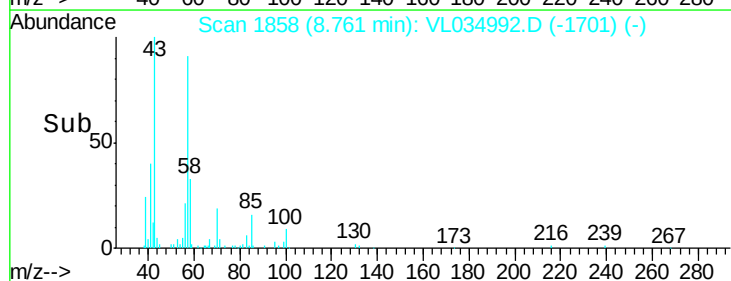
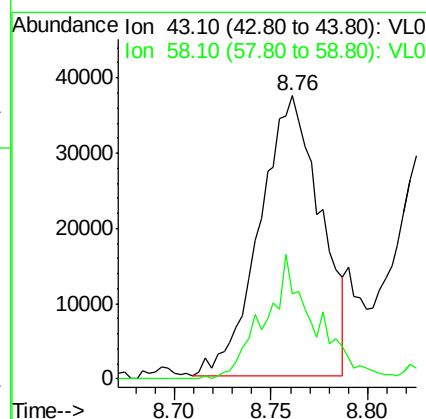
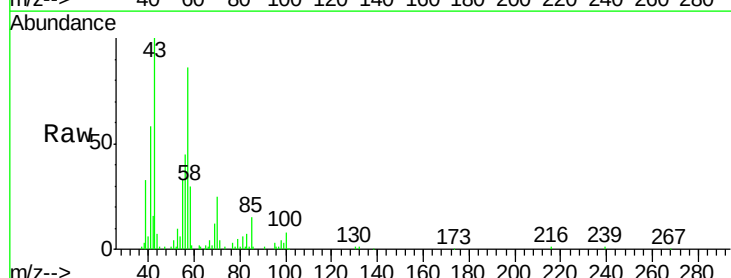
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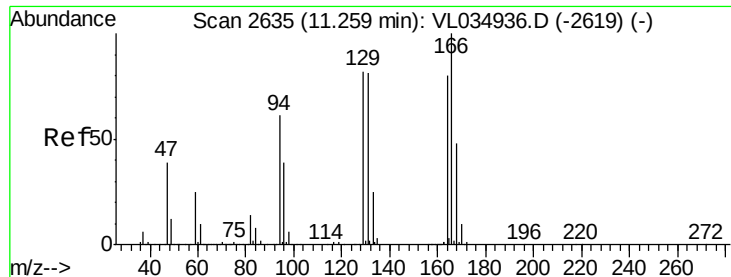
MMDadoda
 5/13/2020 5:11:59 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.361 ppbv
 RT: 8.76 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.1	43.7





#52

Tetrachloroethene

Concen: 8.150 ppbv

RT: 11.25 min Scan# 2631

Delta R.T. -0.01 min

Lab File: VL034992.D

Acq: 12 May 2020 18:23

Instrument :

MSVOA_L

ClientSampleId :

IA-2

Tot Ion:164 Resp: 606871

Ion Ratio Lower Upper

164 100

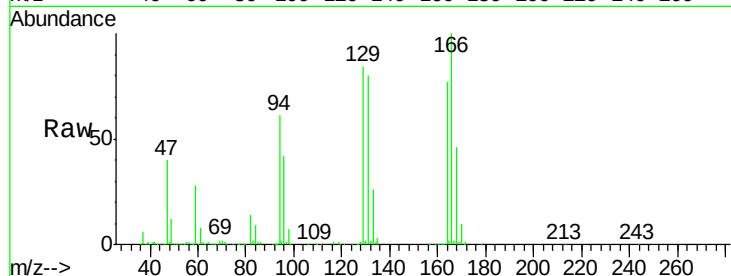
166 128.9 100.7 151.1

129 108.2 83.0 124.4

131 102.8 81.0 121.4

Manual Integrations
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MMDadoda
5/13/2020 5:11:59 PM

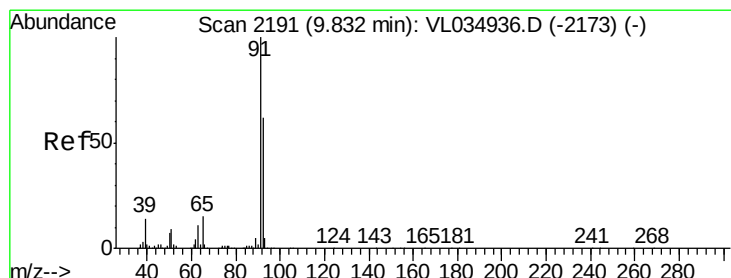
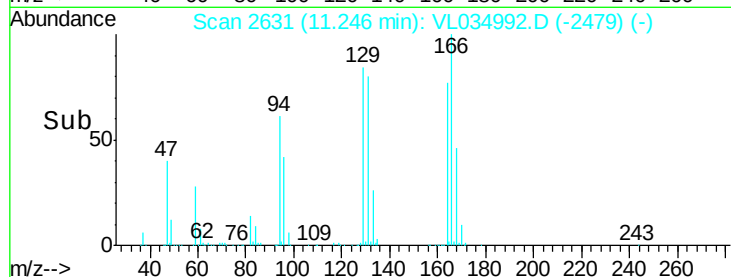
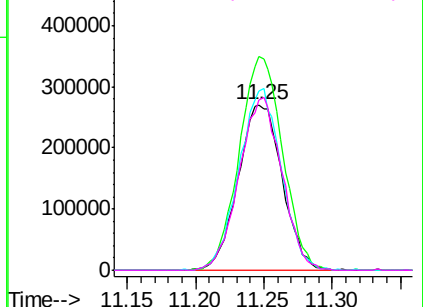


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 57.047 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VL034992.D

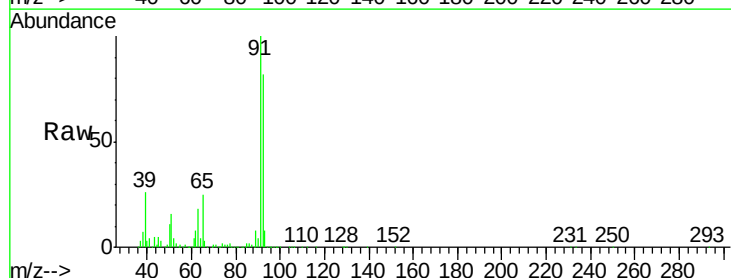
Acq: 12 May 2020 18:23

Tgt Ion: 91 Resp:12664346

Ion Ratio Lower Upper

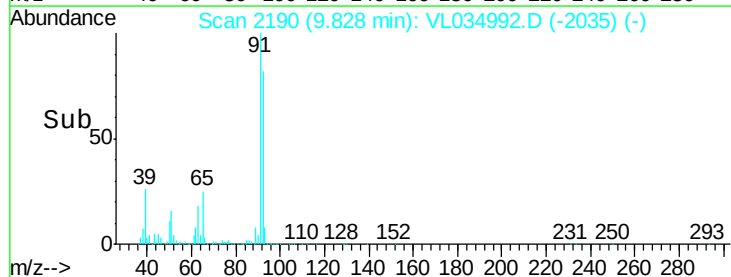
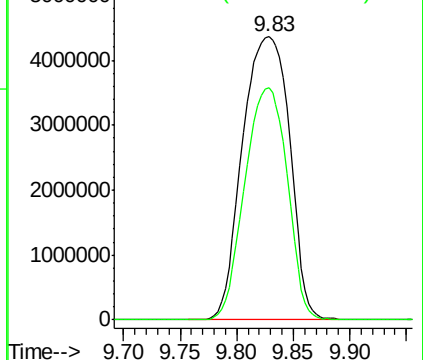
91 100

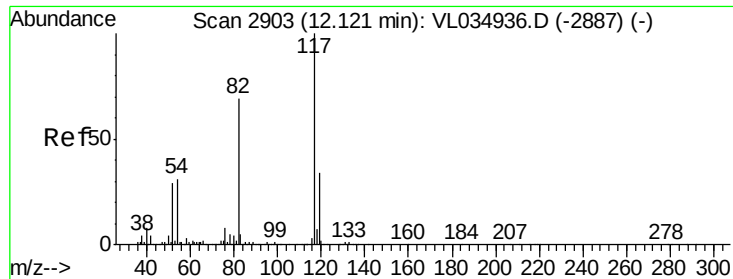
92 73.9 48.6 73.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





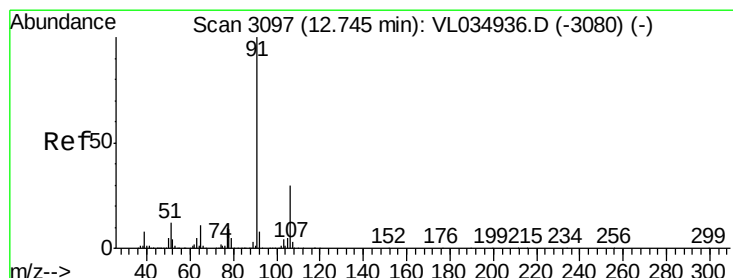
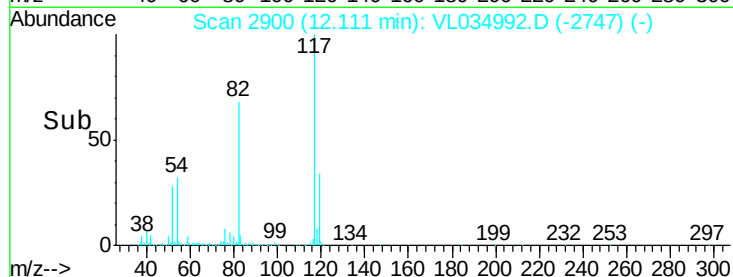
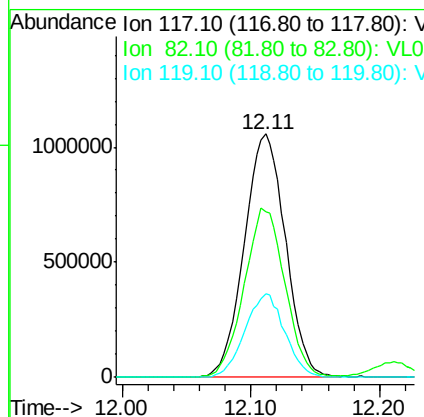
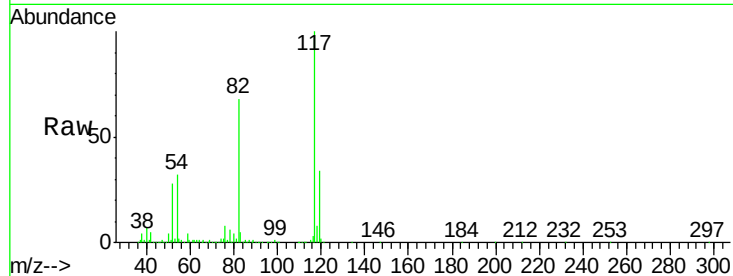
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampleId :
IA-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.0	53.1	79.7
119	33.3	26.7	40.1

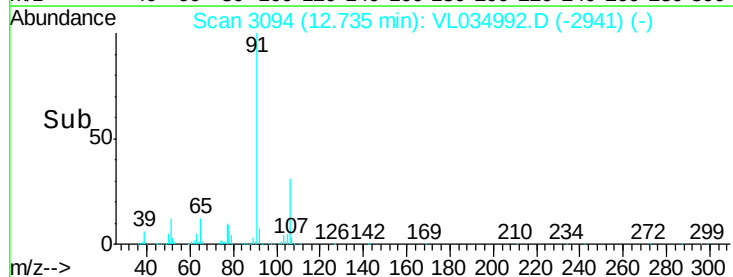
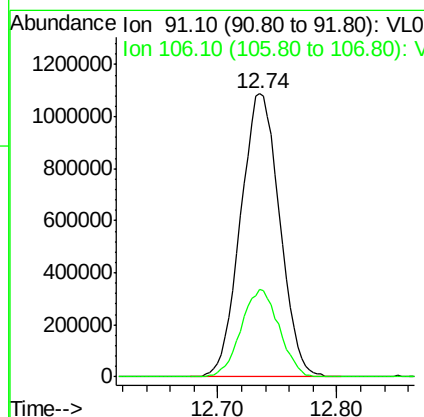
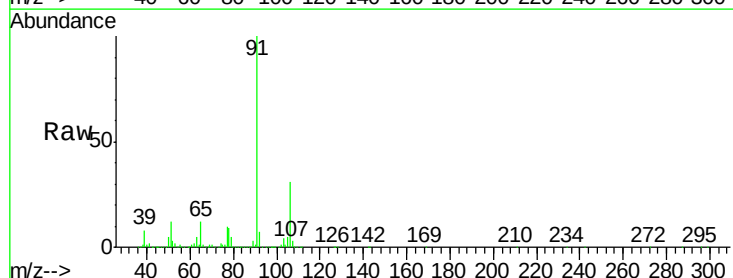
Manual Integrations
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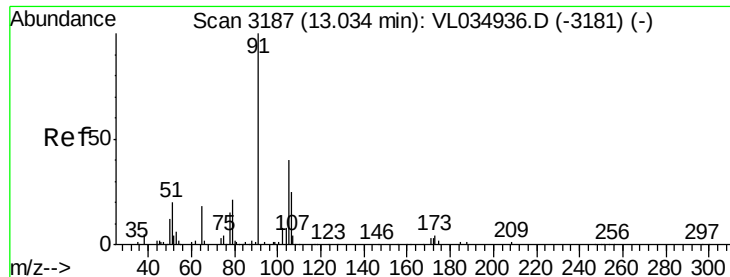
MMDadoda
5/13/2020 5:11:59 PM



#58
Ethyl Benzene
Concen: 8.490 ppbv
RT: 12.74 min Scan# 3094
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.2	36.4





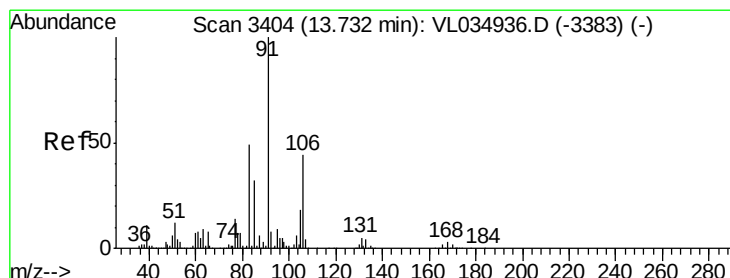
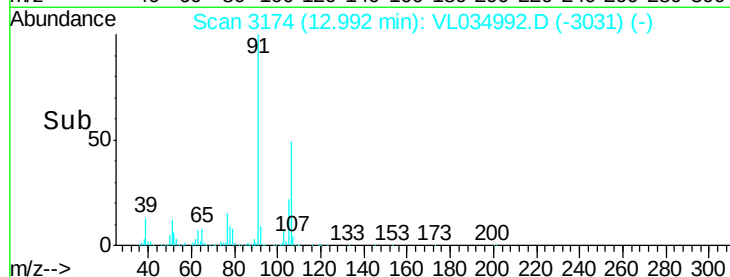
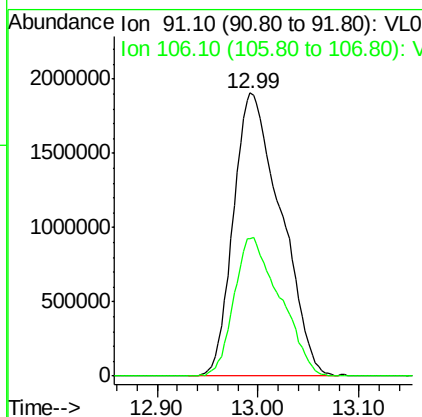
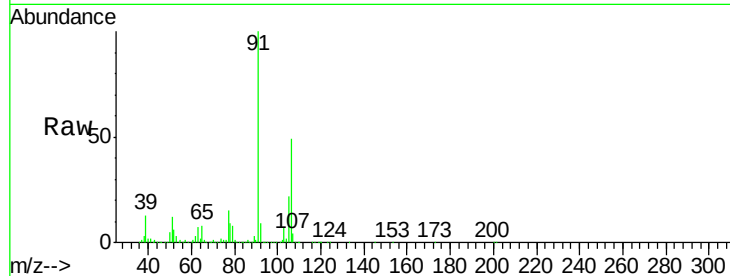
#59
m/p-Xylene
Concen: 24.351 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. -0.04 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampled :
IA-2

Tot Ion: 91 Resp: 6233024
Ion Ratio Lower Upper
91 100
106 47.6 66.0 99.0#

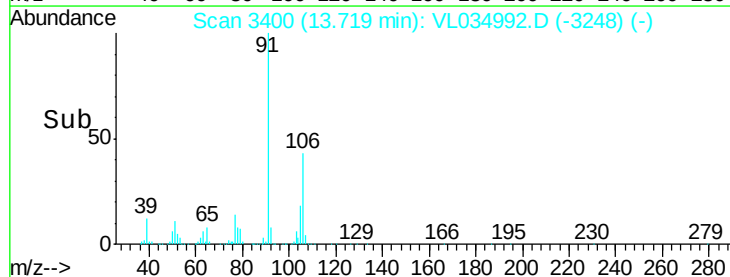
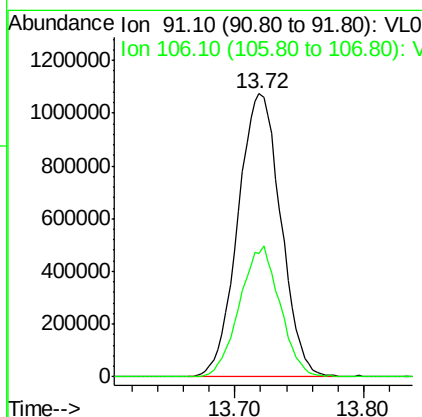
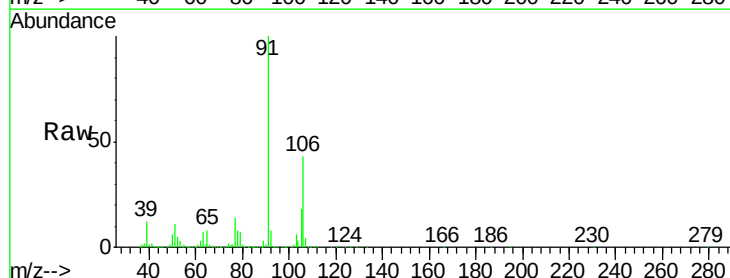
Manual Integrations
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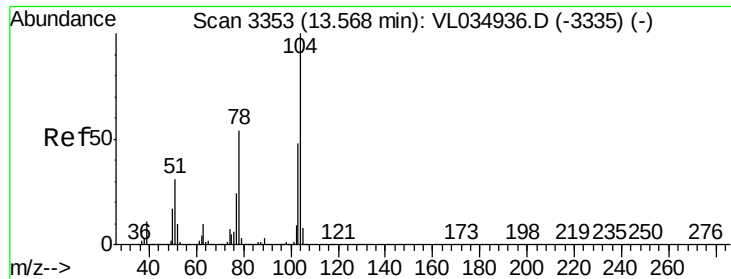
MMDadoda
5/13/2020 5:11:59 PM



#60
o-Xylene
Concen: 9.781 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion: 91 Resp: 2470474
Ion Ratio Lower Upper
91 100
106 43.9 21.9 65.5





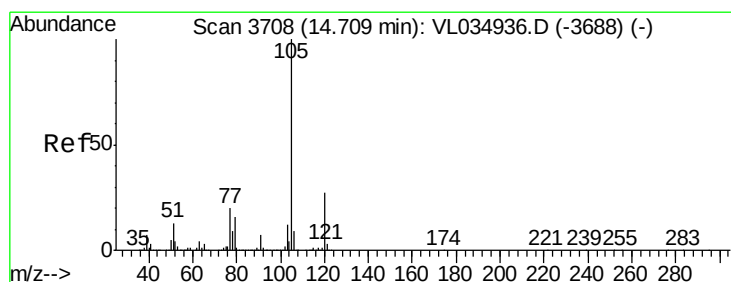
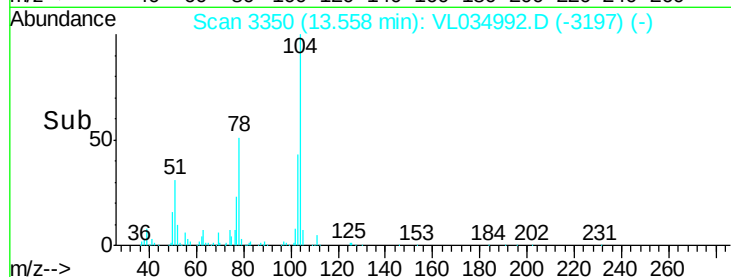
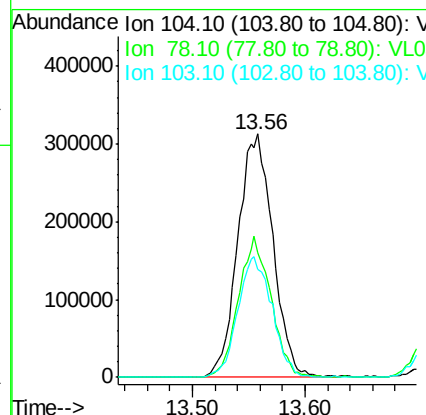
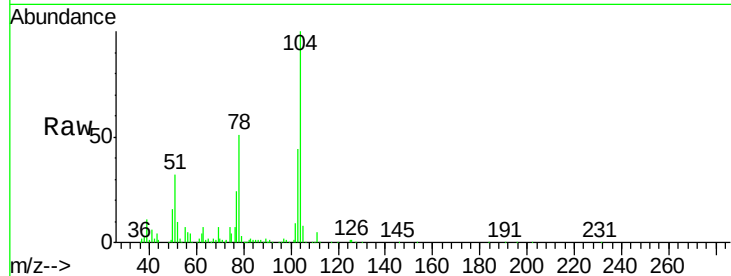
#61
Stvrene
Concen: 4.230 ppbv m
RT: 13.56 min Scan# 3350
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampled :
IA-2

Tot Ion	Ratio	Resp	Lower	Upper
104	100	676215		
78	53.9		43.7	65.5
103	48.3		38.8	58.2

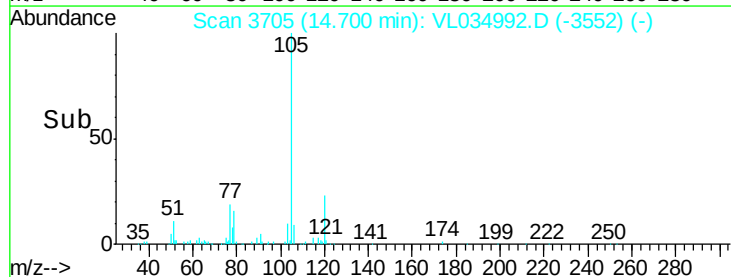
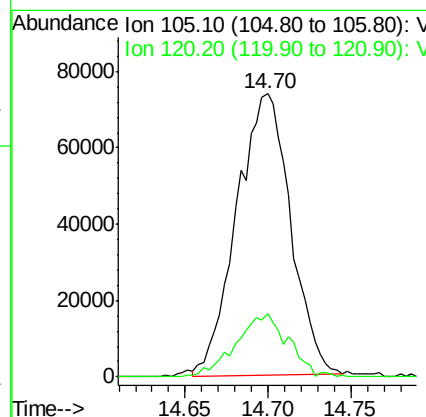
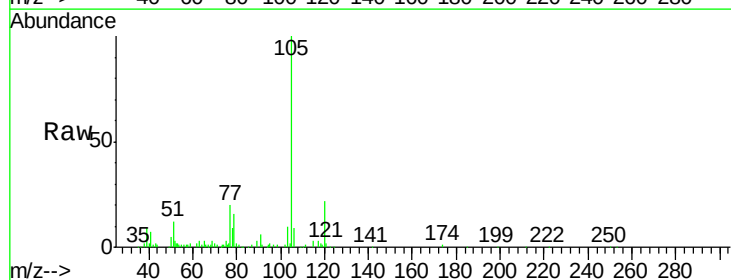
Manual Integrations
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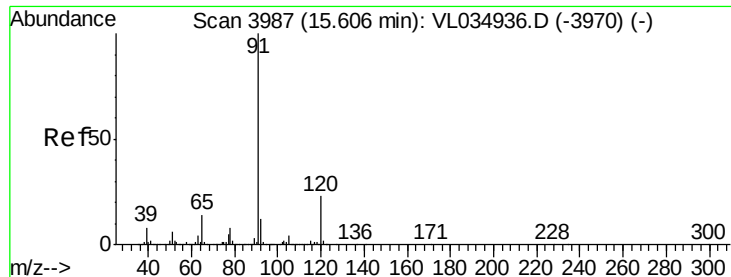
MMDadoda
5/13/2020 5:11:59 PM



#62
Isopropylbenzene
Concen: 0.443 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167176		
120	21.7		20.6	31.0





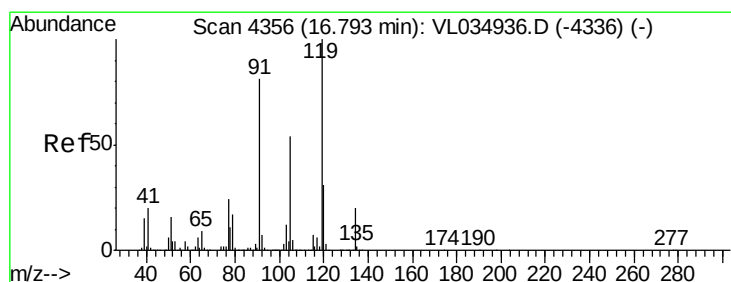
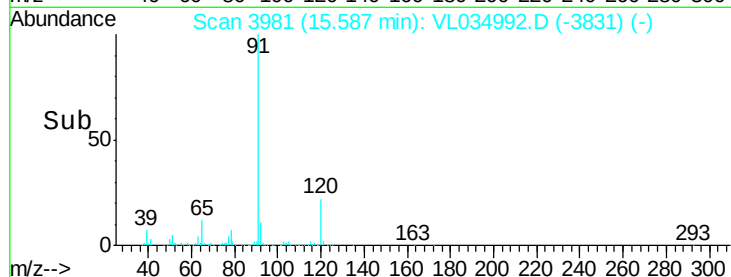
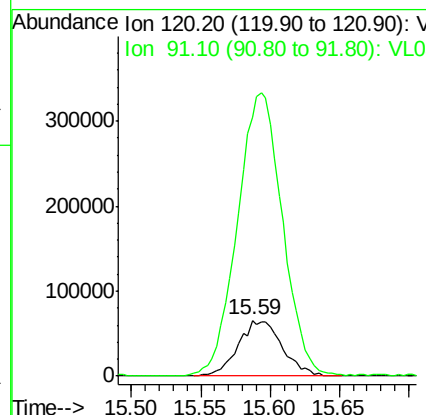
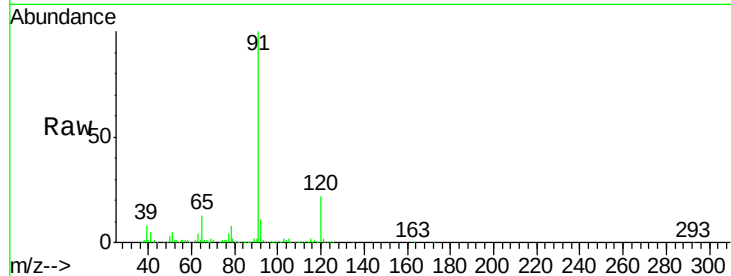
#64
n-propylbenzene
Concen: 1.493 ppbv m
RT: 15.59 min Scan# 3981
Delta R.T. -0.02 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampled :
IA-2

Tot Ion	Ratio	Lower	Upper
120	100		
91	523.0	373.5	560.3

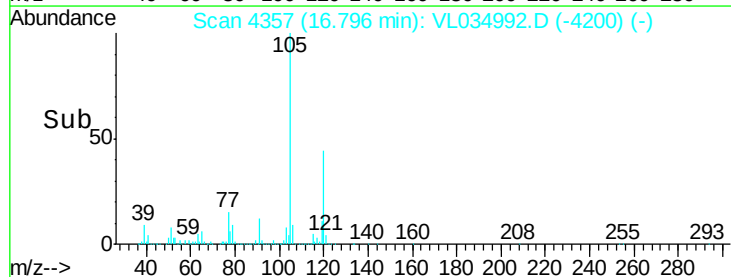
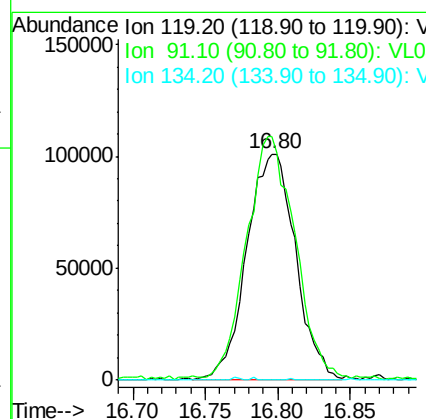
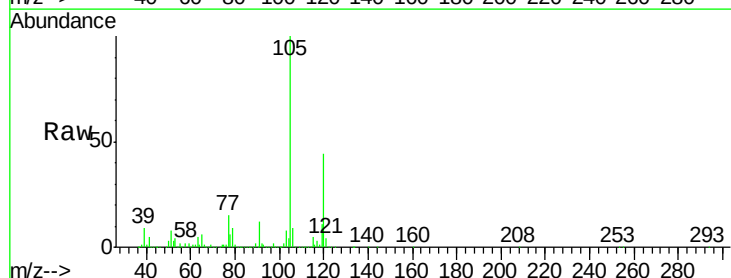
Manual Integrations
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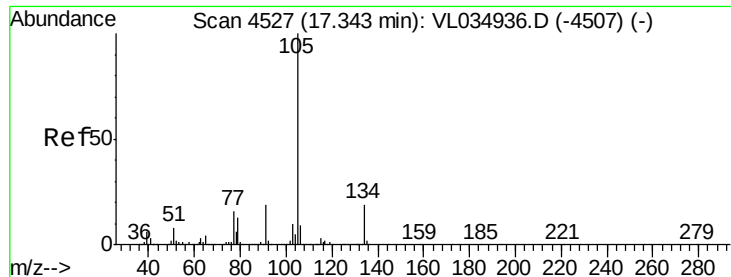
MMDadoda
5/13/2020 5:11:59 PM



#65
tert-Butylbenzene
Concen: 0.725 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. 0.00 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Lower	Upper
119	100		
91	106.9	67.5	101.3#
134	0.4	16.1	24.1#





#67

sec-Butylbenzene

Concen: 0.145 ppbv m

RT: 17.33 min Scan# 4523

Delta R.T. -0.01 min

Lab File: VL034992.D

Acq: 12 May 2020 18:23

Instrument :

MSVOA_L

ClientSampled :

IA-2

Tot Ion: 105 Resp: 67594

Ion Ratio Lower Upper

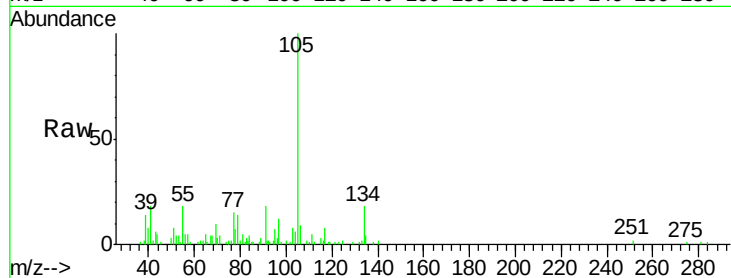
105 100

134 21.5 14.8 22.2

Manual Integrations
APPROVED

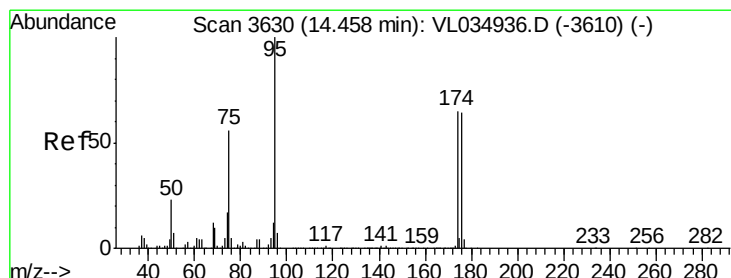
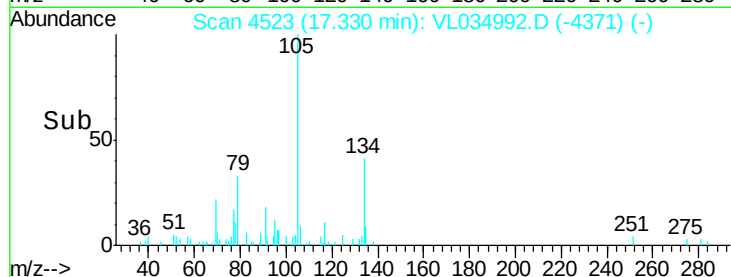
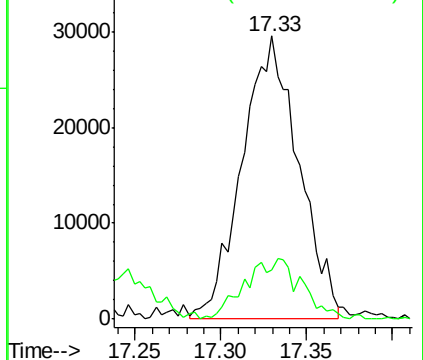
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.166 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.01 min

Lab File: VL034992.D

Acq: 12 May 2020 18:23

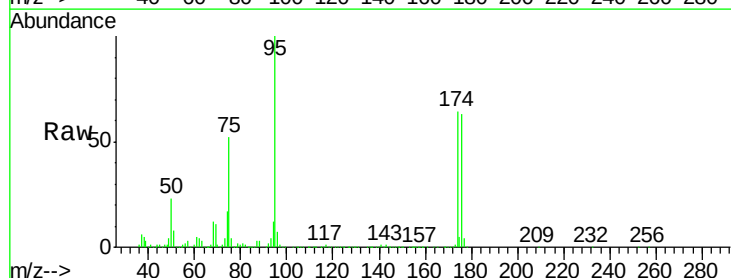
Tgt Ion: 95 Resp: 1935882

Ion Ratio Lower Upper

95 100

174 66.0 51.5 77.3

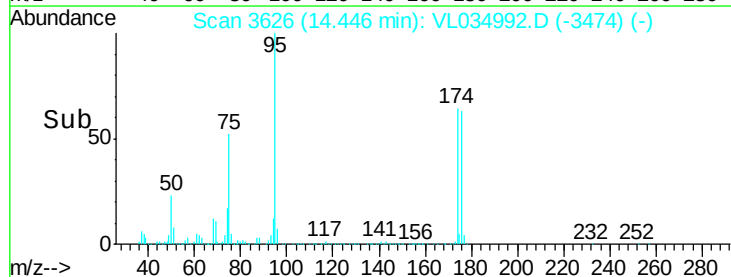
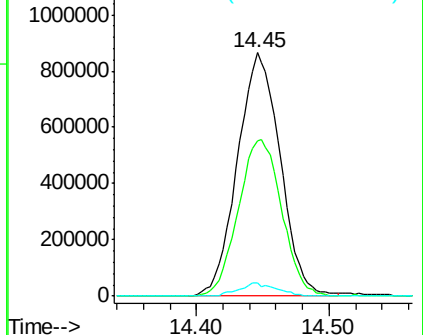
175 4.8 3.8 5.8

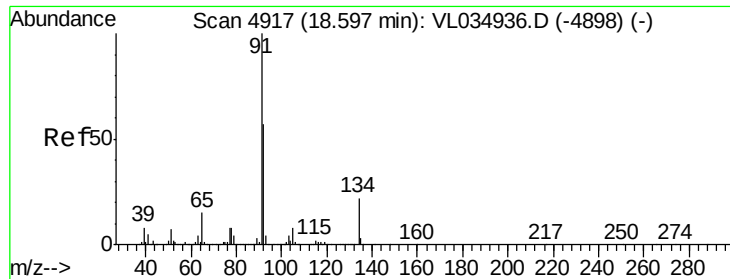


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





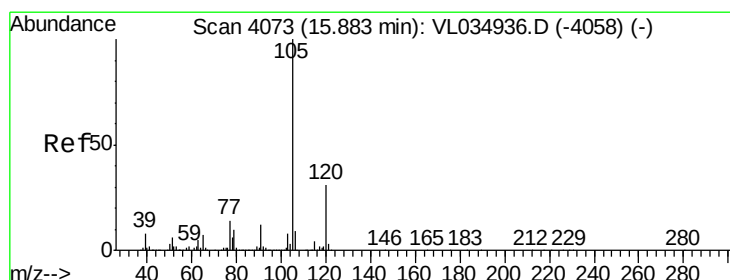
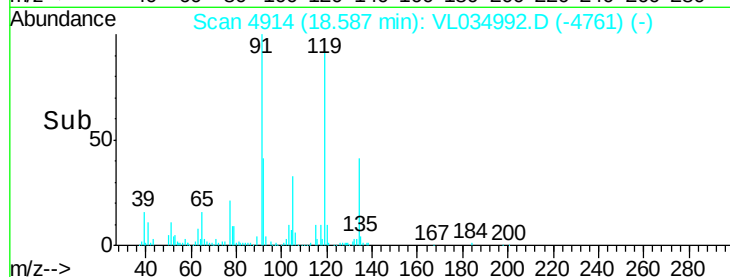
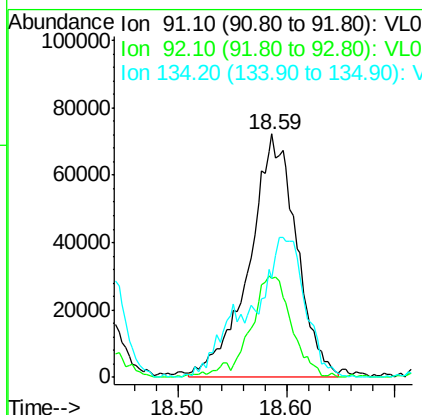
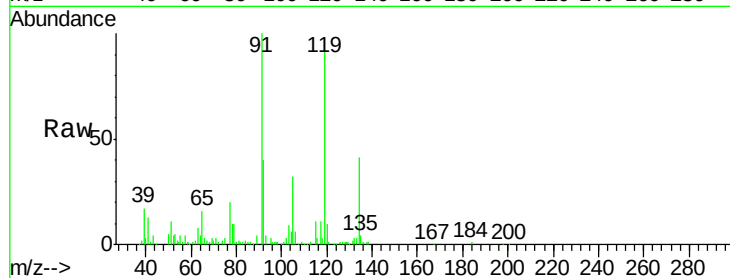
#70
n-Butylbenzene
Concen: 0.545 ppbv m
RT: 18.59 min Scan# 4914
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampled :
IA-2

Tot Ion	Ratio	Resp	Lower	Upper
91	100	219017		
92	37.2	44.4	66.6#	
134	0.0	18.0	27.0#	

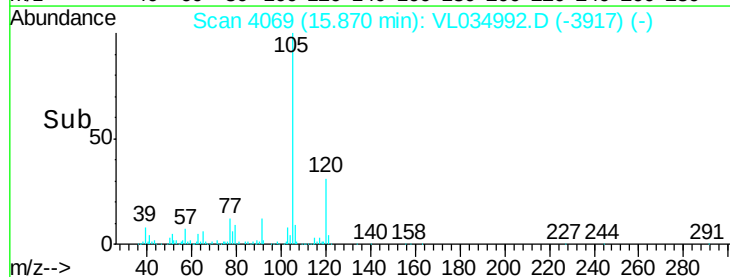
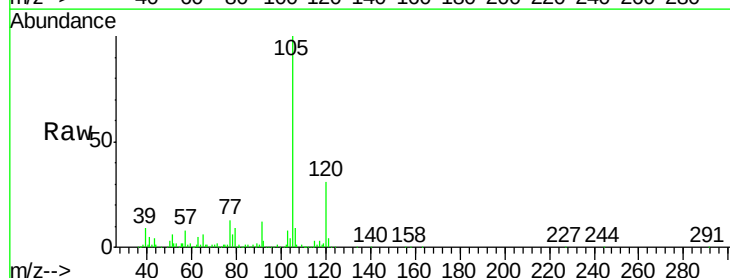
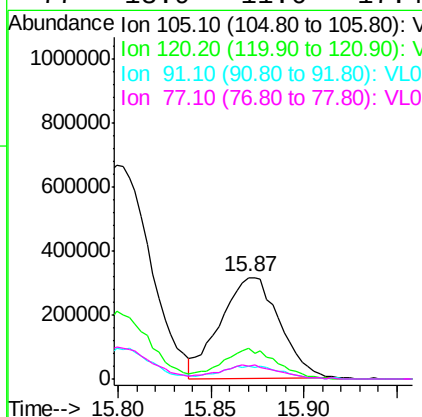
Manual Integrations
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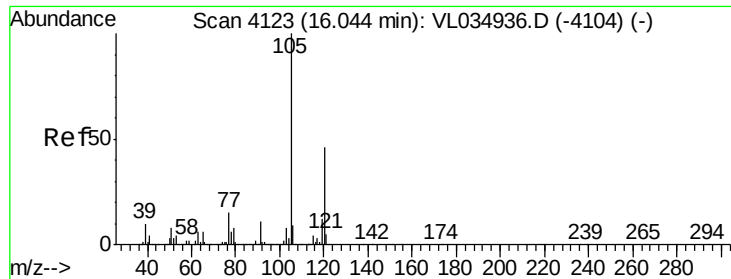
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#72
4-Ethyltoluene
Concen: 2.484 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	700069		
120	28.8	23.8	35.8	
91	12.8	10.6	15.8	
77	13.9	11.6	17.4	





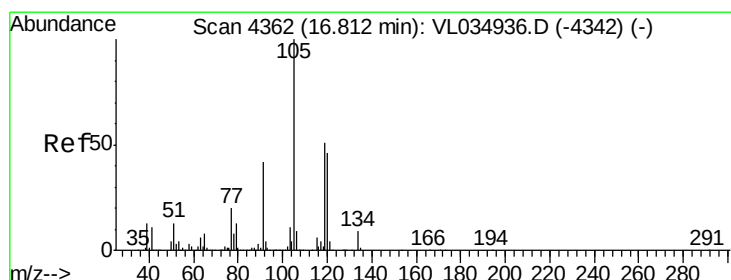
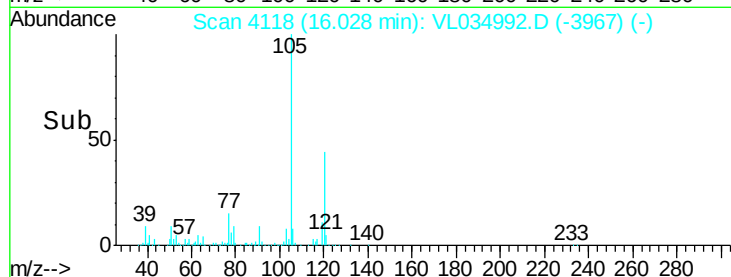
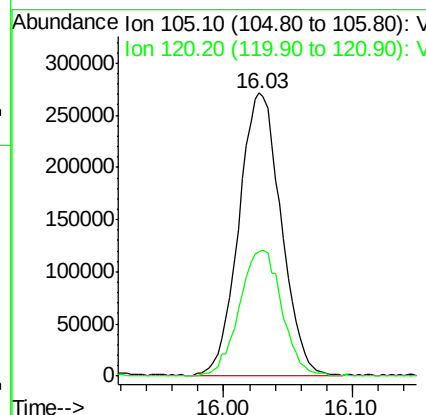
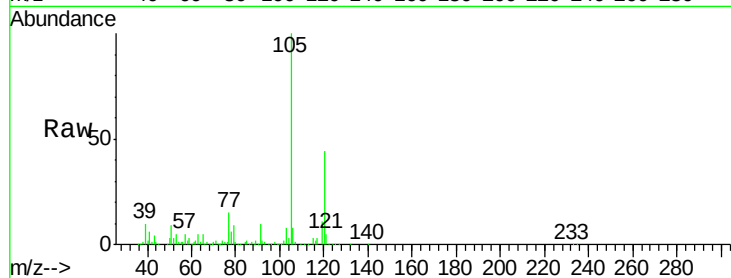
#73
 1,3,5-Trimethylbenzene
 Concen: 2.238 ppbv
 RT: 16.03 min Scan# 4118
 Delta R.T. -0.02 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Instrument :
 MSVOA_L
 ClientSampled :
 IA-2

Tot Ion:105 Resp: 613638
 Ion Ratio Lower Upper
 105 100
 120 43.9 36.4 54.6

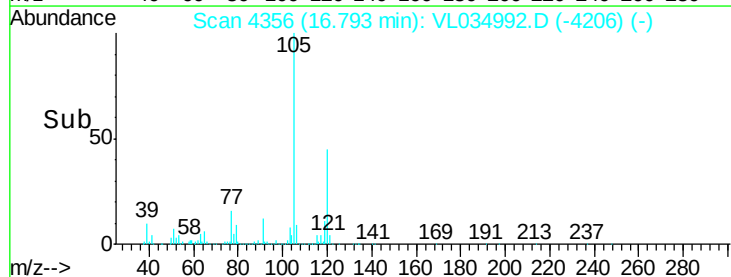
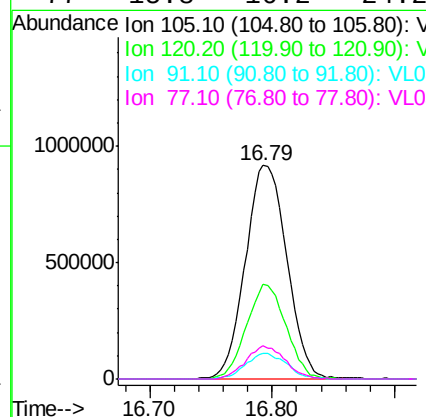
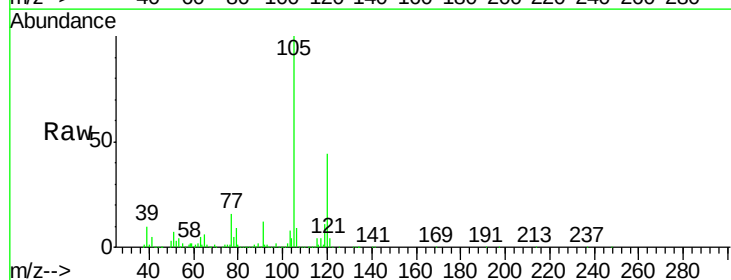
Manual Integrations
 APPROVED

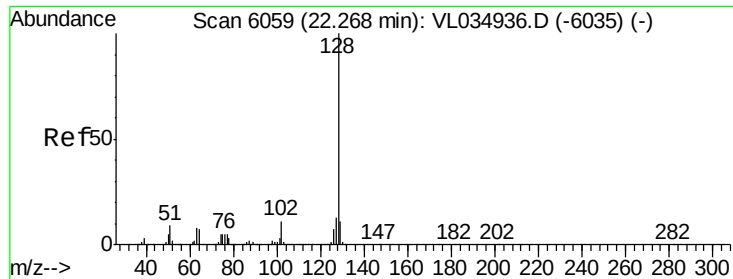
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#74
 1,2,4-Trimethylbenzene
 Concen: 7.199 ppbv
 RT: 16.79 min Scan# 4356
 Delta R.T. -0.02 min
 Lab File: VL034992.D
 Acq: 12 May 2020 18:23

Tgt Ion:105 Resp: 2155073
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.8 55.2
 91 11.7 35.4 53.0#
 77 15.8 16.2 24.2#





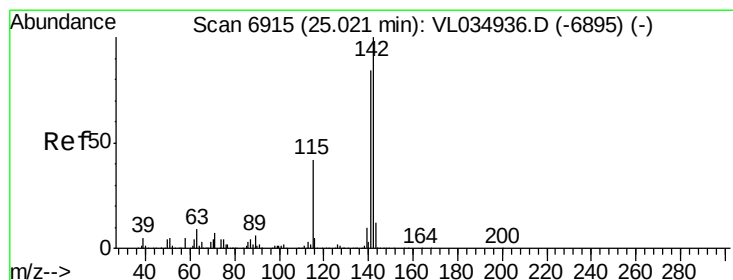
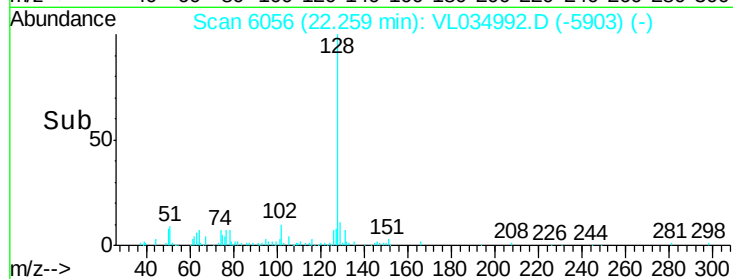
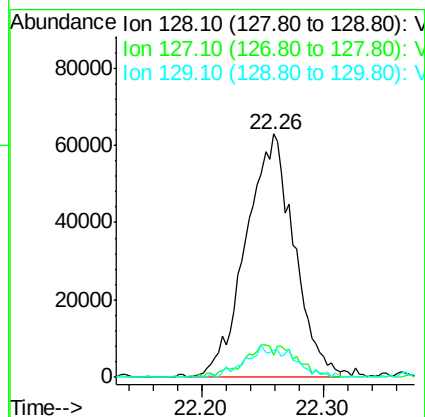
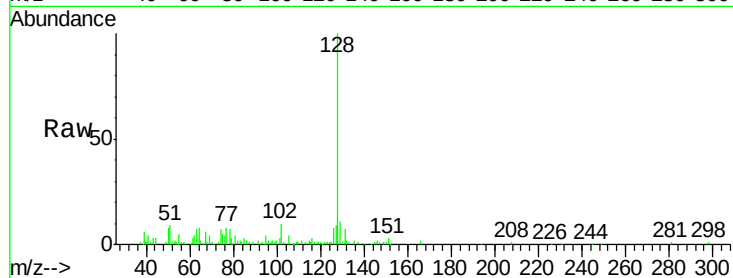
#79
Naphthalene
Concen: 0.739 ppbv m
RT: 22.26 min Scan# 6056
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Instrument :
MSVOA_L
ClientSampled :
IA-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.5	15.7#
129	11.5	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
5/13/2020 5:11:59 PM



#80
Naphthalene, 2-methyl-
Concen: 0.469 ppbv
RT: 25.01 min Scan# 6913
Delta R.T. -0.01 min
Lab File: VL034992.D
Acq: 12 May 2020 18:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	68.6	102.8
115	74.2	33.9	50.9#

