

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035351.D
 Acq On : 6 Aug 2020 15:52
 Operator : SY/AP
 Sample : L3554-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 3-ABOVE-GROUND

Manual Integrations
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MMDadoda
 8/10/2020 10:43:17 AM

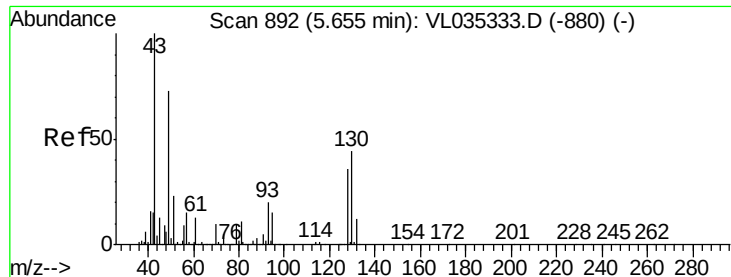
Quant Time: Aug 09 21:20:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1430193	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3568202	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	3391673	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2850490	10.08	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	47698	0.251	ppbv	95
3) Chlorodifluoromethane	2.94	51	61499m	0.377	ppbv	
4) Chloromethane	3.09	50	60253	0.652	ppbv	91
9) Propene	2.97	41	91136	1.567	ppbv #	82
10) Heptane	8.12	43	73821	0.497	ppbv	97
11) Trichlorofluoromethane	3.91	101	52749	0.214	ppbv	97
13) Ethanol	3.58	45	750461	37.402	ppbv	99
15) Acetone	3.81	43	2171441	10.692	ppbv	98
17) tert-Butyl alcohol	4.28	59	213290	1.144	ppbv	96
19) Isopropyl Alcohol	3.95	45	536246m	4.165	ppbv	
20) Methylene Chloride	4.31	84	432943	5.227	ppbv	97
26) Hexane	5.67	57	519452	3.881	ppbv #	45
29) Chloroform	5.74	83	79175	0.343	ppbv	93
30) Cyclohexane	7.12	84	23226m	0.229	ppbv	
34) 2-Butanone	5.22	43	203947m	1.161	ppbv	
35) Carbon Tetrachloride	7.01	117	15487m	0.063	ppbv	
36) Benzene	6.88	78	94868m	0.394	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	139032	0.325	ppbv #	78
52) Tetrachloroethene	11.24	164	5077m	0.053	ppbv	
53) Toluene	9.82	91	5436187	20.740	ppbv	98
58) Ethyl Benzene	12.73	91	1171500	3.319	ppbv	94
59) m/p-Xylene	12.99	91	2760091	8.399	ppbv	99
60) o-Xylene	13.71	91	1436275	4.404	ppbv	98
61) Styrene	13.55	104	42984m	0.216	ppbv	
62) Isopropylbenzene	14.69	105	193932	0.395	ppbv	99
64) n-propylbenzene	15.59	120	107137	0.812	ppbv	91
65) tert-Butylbenzene	16.79	119	218547m	0.486	ppbv	
69) p-Isopropyltoluene	17.68	119	145605	0.281	ppbv #	93
70) n-Butylbenzene	18.59	91	176285m	0.318	ppbv	
72) 4-Ethyltoluene	15.87	105	481033	1.294	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	607279	1.702	ppbv	91
74) 1,2,4-Trimethylbenzene	16.79	105	1855922	4.551	ppbv #	71
76) 1,4-Dichlorobenzene	17.17	146	49140m	0.199	ppbv	
79) Naphthalene	22.25	128	5948036	18.965	ppbv	98
80) Naphthalene,2-methyl-	25.00	142	840054	11.775	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035351.D

Acq: 6 Aug 2020 15:52

Instrument :

MSVOA_L

ClientSampleId :

3-ABOVE-GROUND

Tot Ion: 49 Resp: 1430193

Ion Ratio Lower Upper

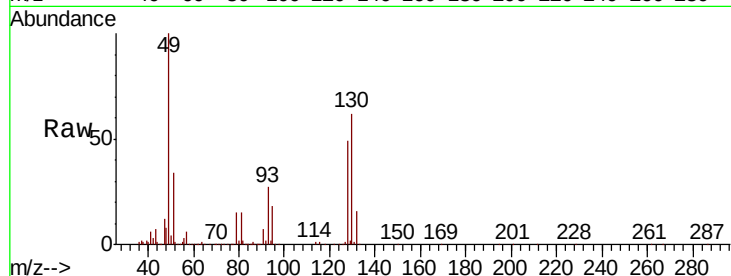
49 100

128 49.3 25.4 76.0

130 63.6 32.1 96.3

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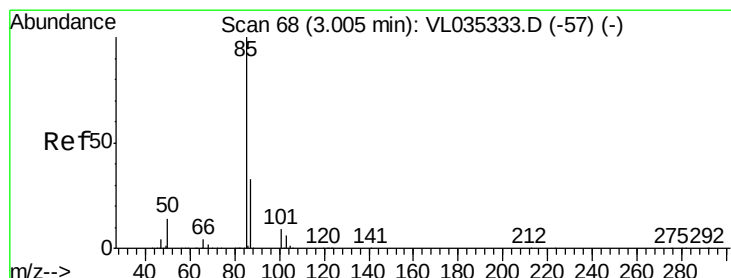
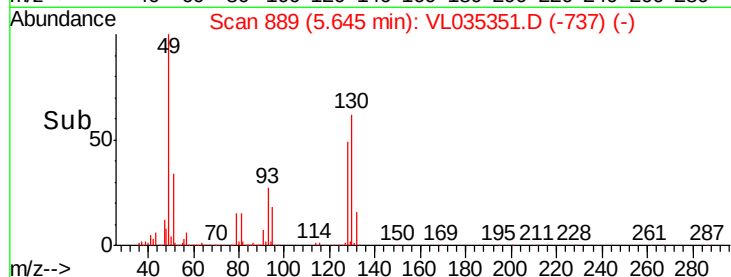
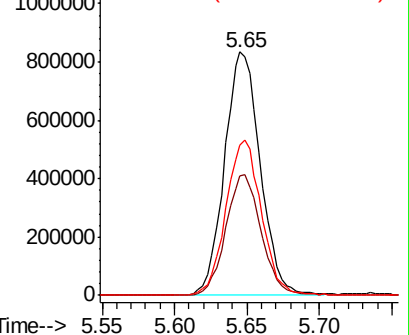
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.251 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035351.D

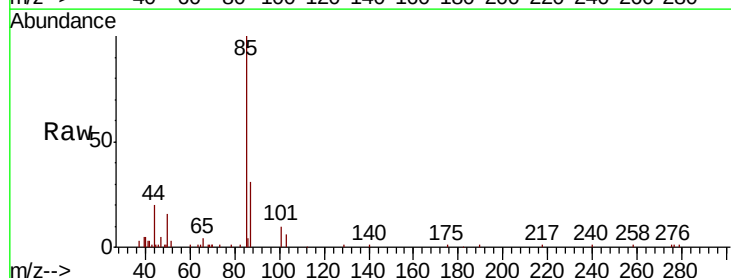
Acq: 6 Aug 2020 15:52

Tgt Ion: 85 Resp: 47698

Ion Ratio Lower Upper

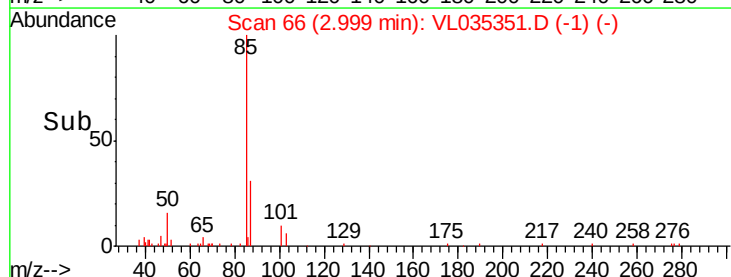
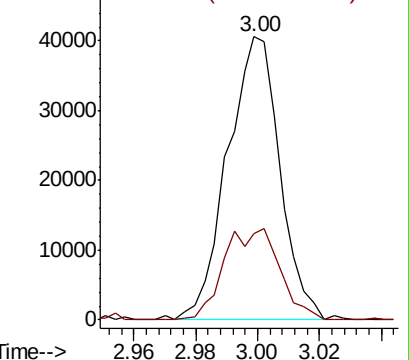
85 100

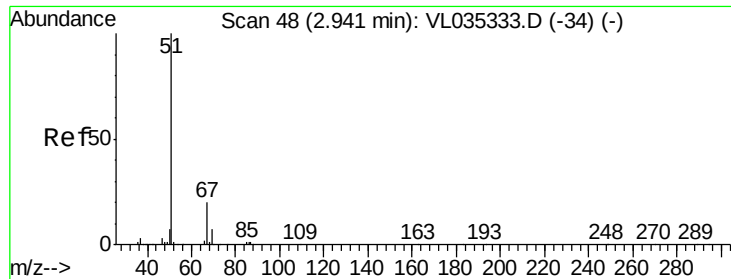
87 30.5 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.377 ppbv

RT: 2.94 min Scan# 47

Delta R.T. -0.00 min

Lab File: VL035351.D

Acq: 6 Aug 2020 15:52

Instrument :

MSVOA_L

ClientSampleId :

3-ABOVE-GROUND

Tot Ion: 51 Resp: 61499

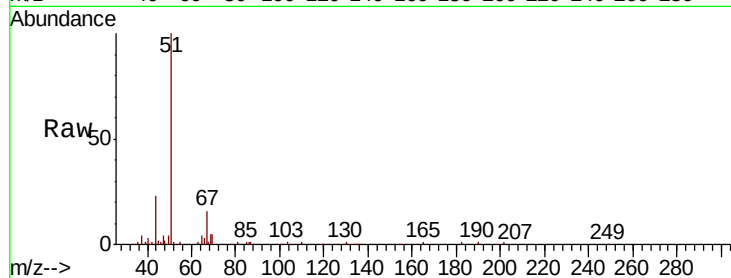
Ion Ratio Lower Upper

51 100

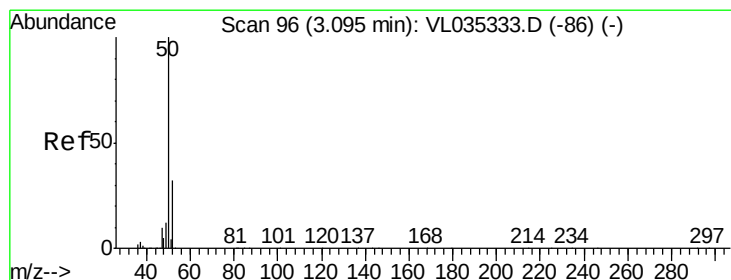
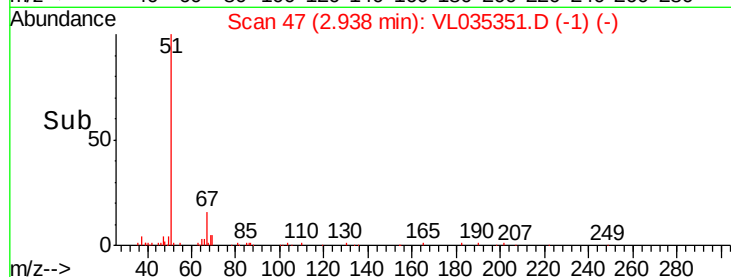
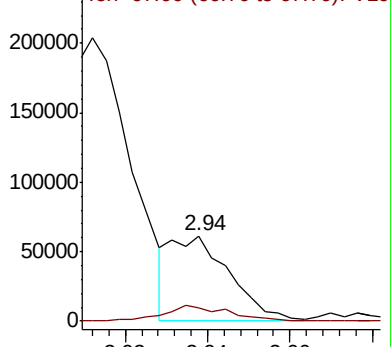
67 20.9 16.6 25.0

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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: 0.652 ppbv

RT: 3.09 min Scan# 94

Delta R.T. -0.01 min

Lab File: VL035351.D

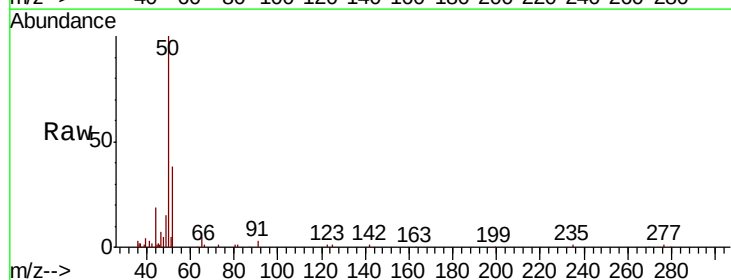
Acq: 6 Aug 2020 15:52

Tgt Ion: 50 Resp: 60253

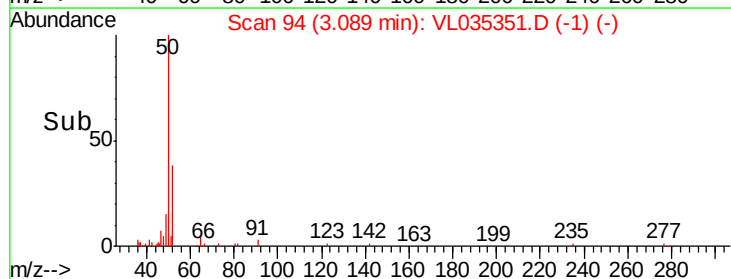
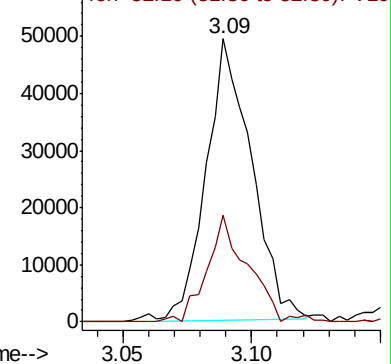
Ion Ratio Lower Upper

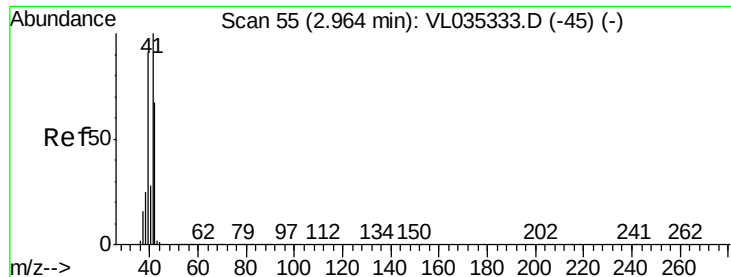
50 100

52 37.8 26.0 39.0



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0





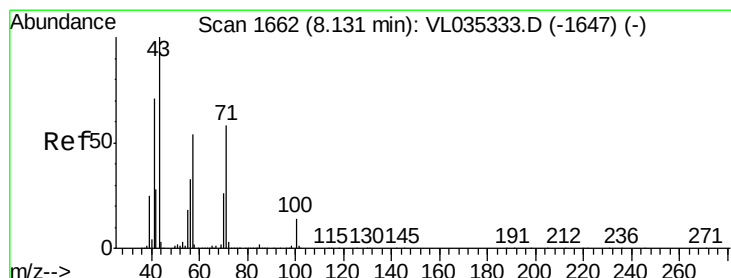
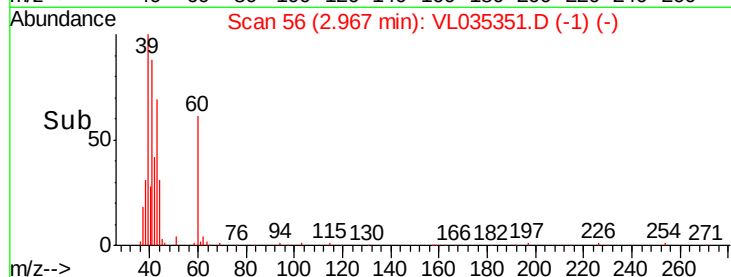
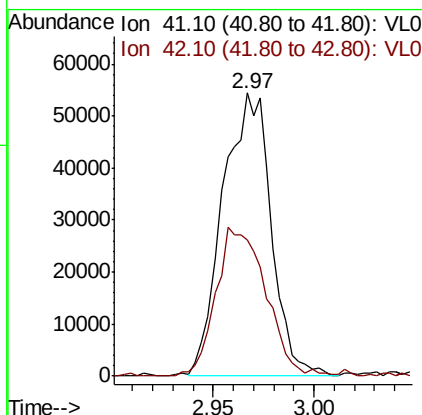
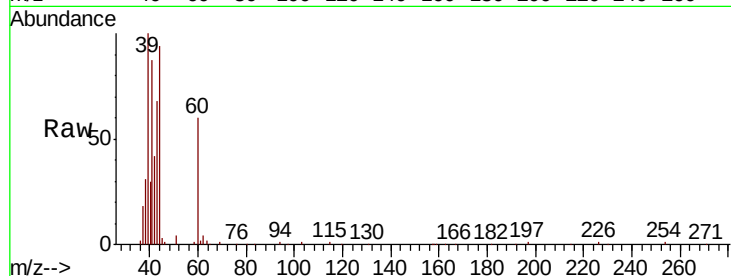
#9
 Propene
 Concen: 1.567 ppbv
 RT: 2.97 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Instrument :
 MSVOA_L
 ClientSampleId :
 3-ABOVE-GROUND

Tot Ion: 41 Resp: 91136
 Ion Ratio Lower Upper
 41 100
 42 54.4 55.3 82.9#

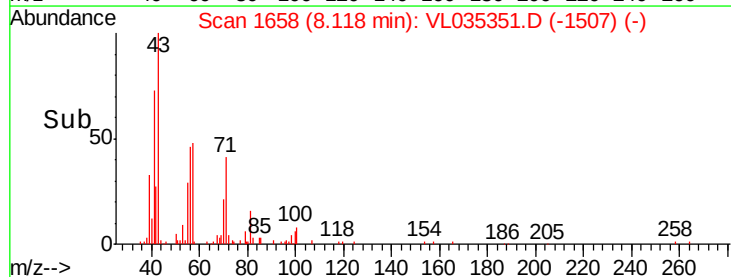
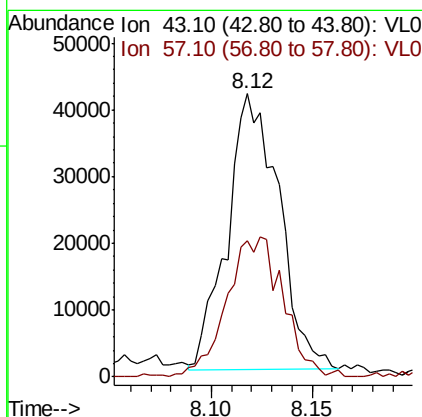
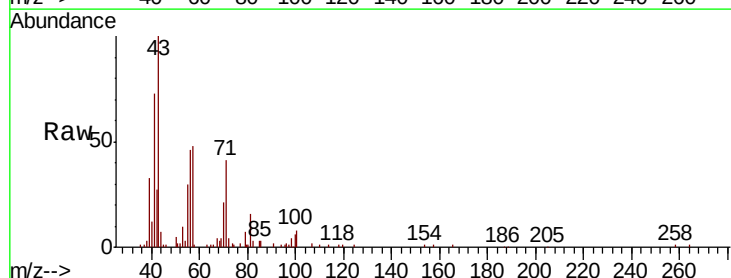
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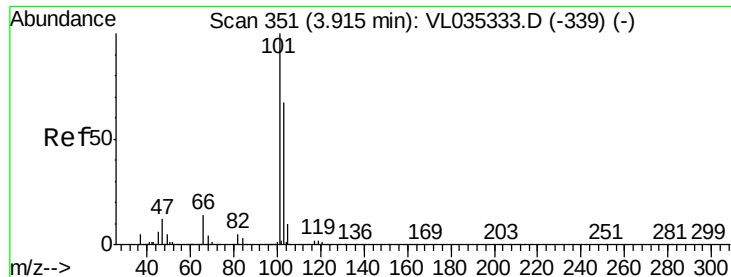
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#10
 Heptane
 Concen: 0.497 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Tgt Ion: 43 Resp: 73821
 Ion Ratio Lower Upper
 43 100
 57 55.7 43.0 64.6





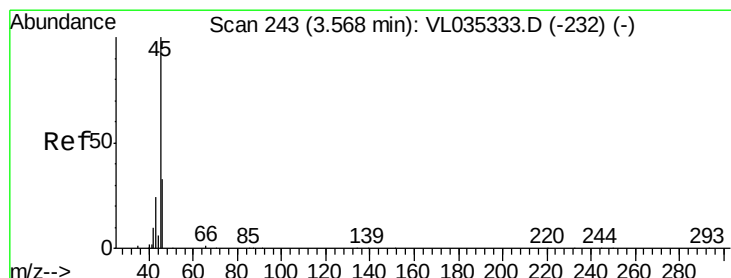
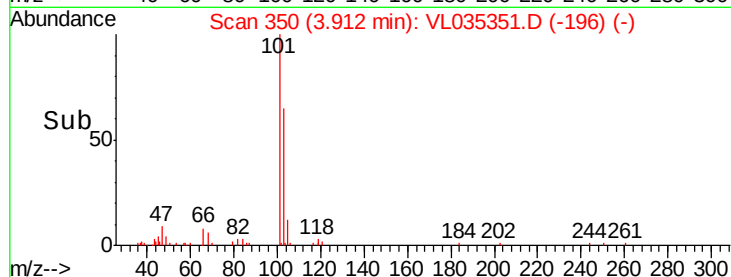
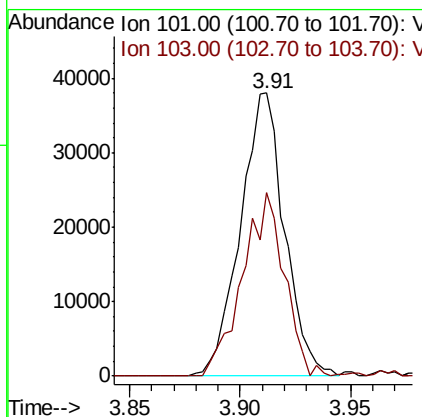
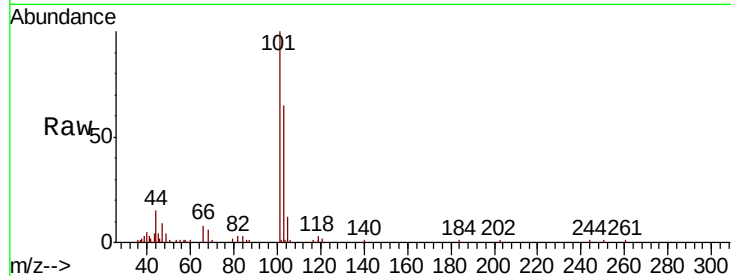
#11
 Trichlorofluoromethane
 Concen: 0.214 ppbv
 RT: 3.91 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Instrument :
 MSVOA_L
 ClientSampleId :
 3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.8	80.8

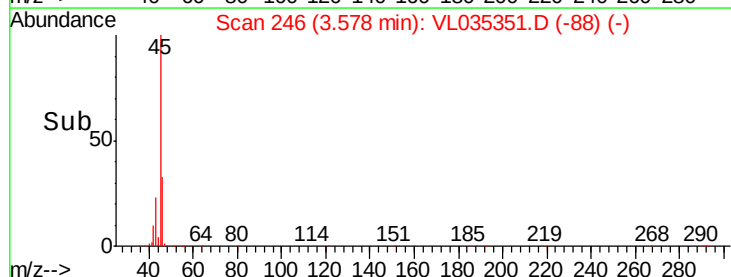
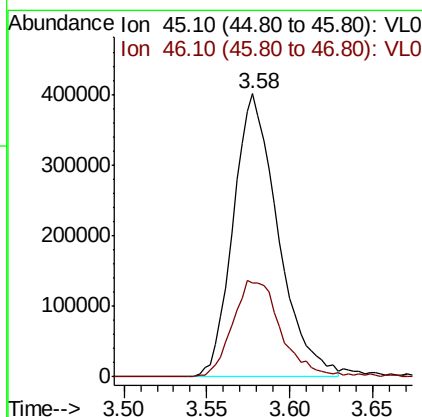
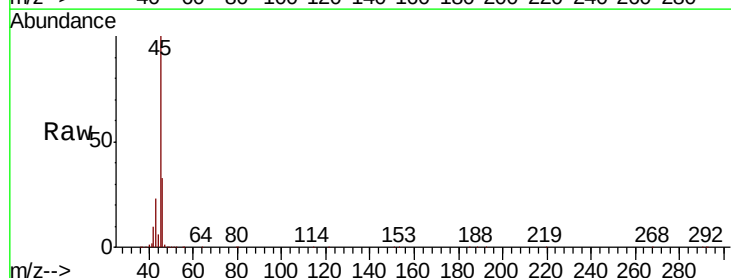
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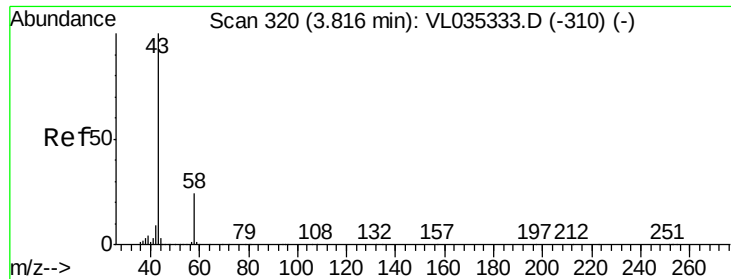
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#13
 Ethanol
 Concen: 37.402 ppbv
 RT: 3.58 min Scan# 246
 Delta R.T. 0.01 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.4	15.2	61.0





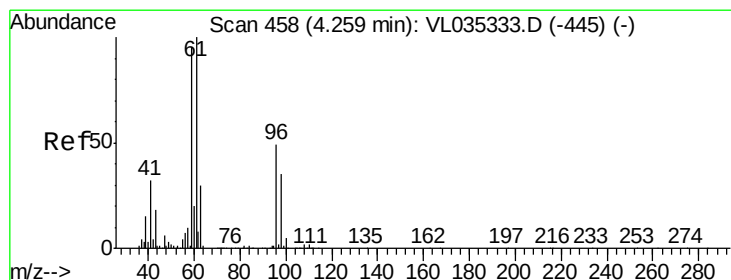
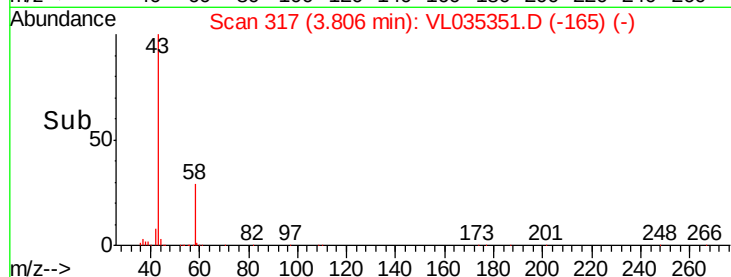
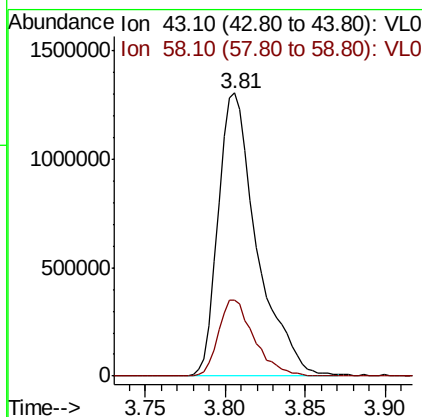
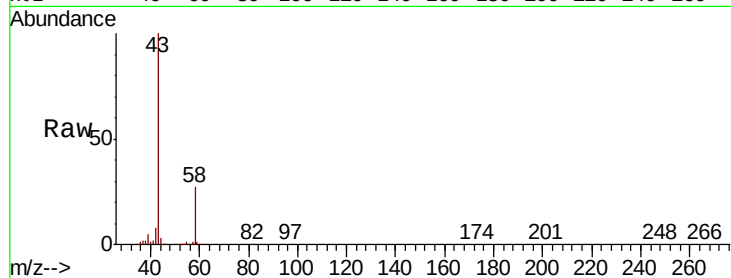
#15
Acetone
Concen: 10.692 ppbv
RT: 3.81 min Scan# 317
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion: 43 Resp: 2171441
Ion Ratio Lower Upper
43 100
58 25.1 21.0 31.4

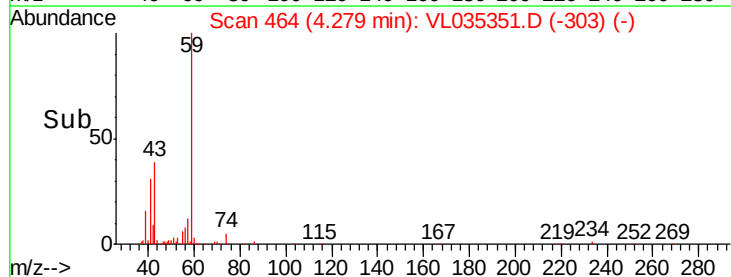
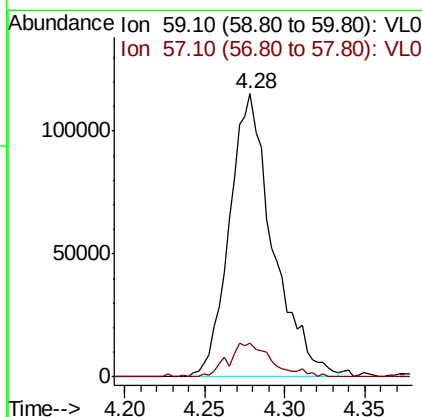
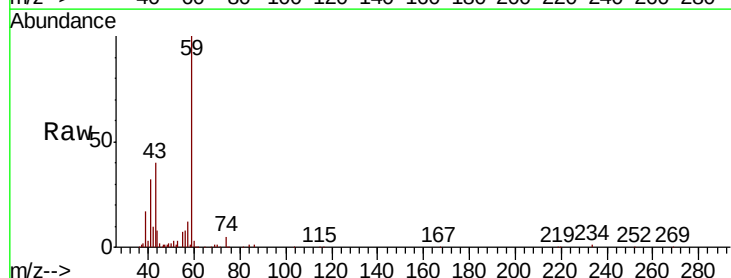
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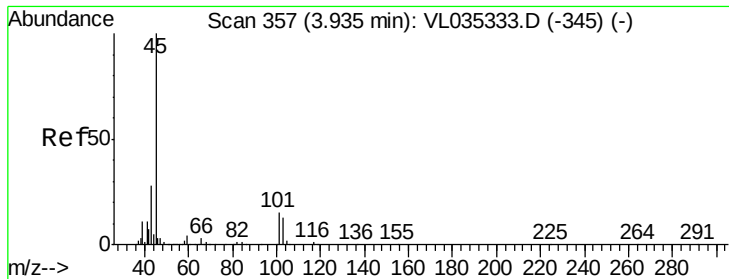
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#17
tert-Butyl alcohol
Concen: 1.144 ppbv
RT: 4.28 min Scan# 464
Delta R.T. 0.02 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion: 59 Resp: 213290
Ion Ratio Lower Upper
59 100
57 12.5 8.8 13.2





#19

Isopropyl Alcohol

Concen: 4.165 ppbv m

RT: 3.95 min Scan# 362

Delta R.T. 0.02 min

Lab File: VL035351.D

Acq: 6 Aug 2020 15:52

Instrument :

MSVOA_L

ClientSampleId :

3-ABOVE-GROUND

Tot Ion: 45 Resp: 536246

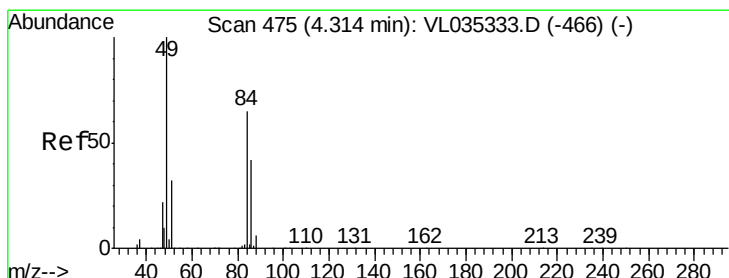
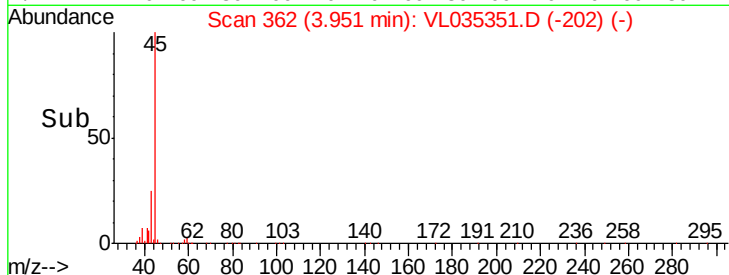
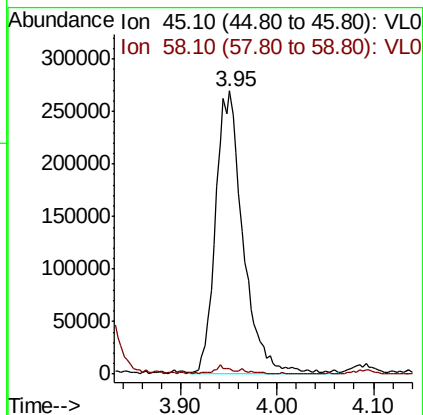
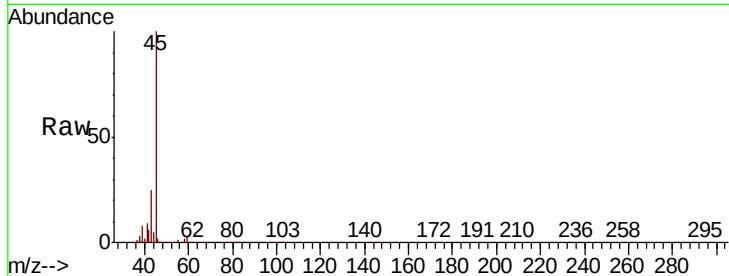
Ion Ratio Lower Upper

45 100

58 0.0 1.9 2.9#

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#20

Methylene Chloride

Concen: 5.227 ppbv

RT: 4.31 min Scan# 473

Delta R.T. -0.01 min

Lab File: VL035351.D

Acq: 6 Aug 2020 15:52

Tgt Ion: 84 Resp: 432943

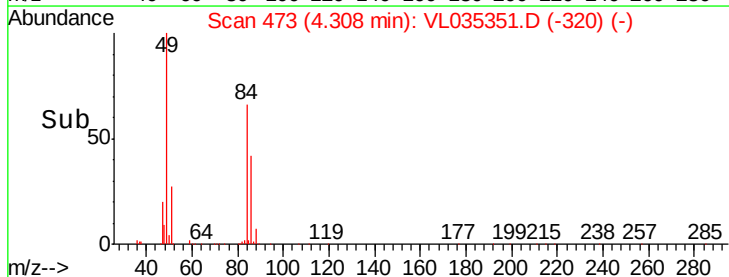
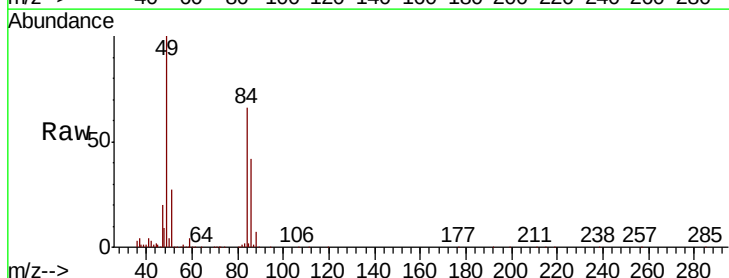
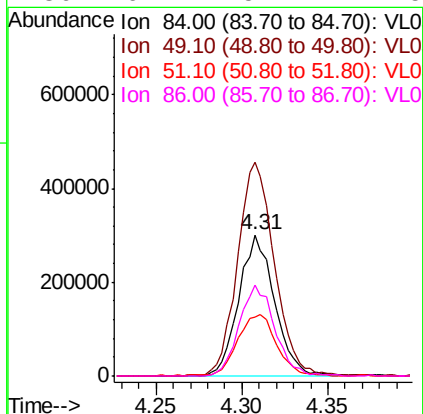
Ion Ratio Lower Upper

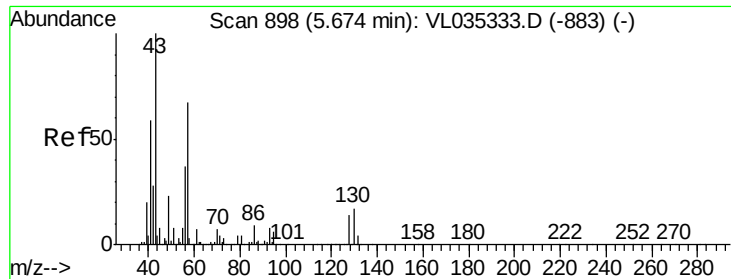
84 100

49 151.1 122.8 184.2

51 41.5 40.1 60.1

86 64.4 51.7 77.5





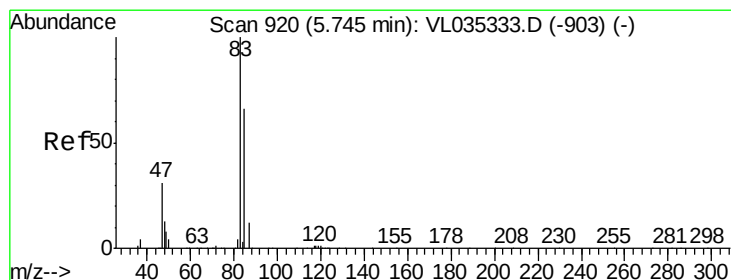
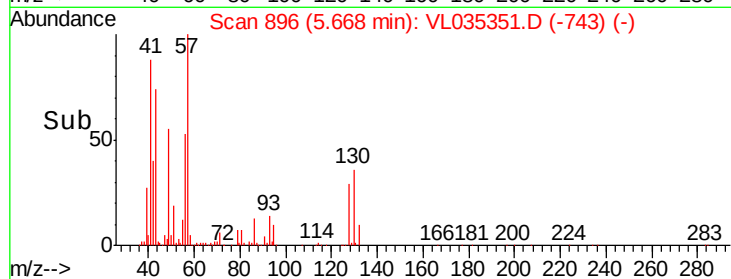
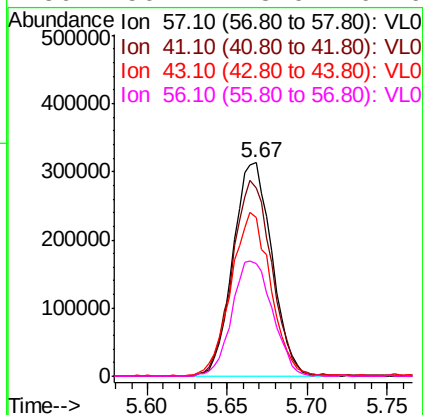
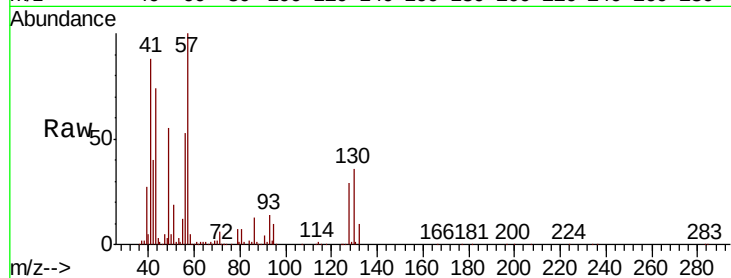
#26
Hexane
Concen: 3.881 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
57	100		
41	93.1	75.2	112.8
43	77.8	180.6	270.8#
56	56.1	43.0	64.6

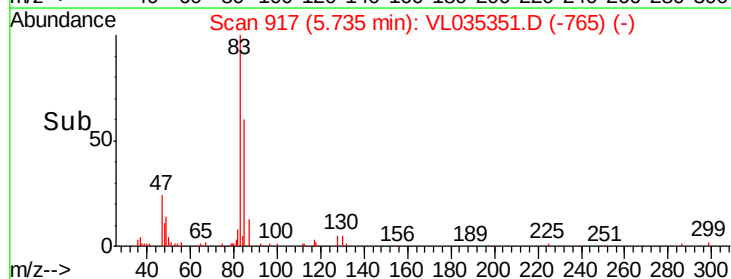
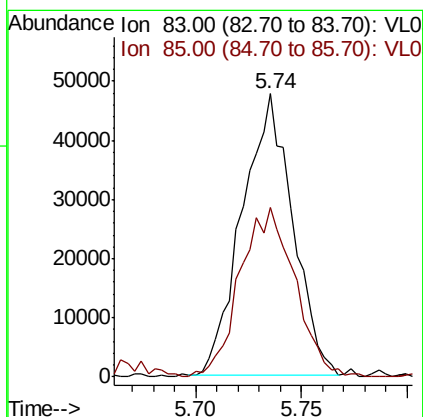
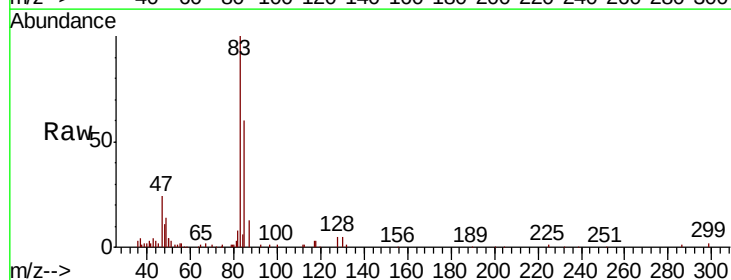
Manual Integrations
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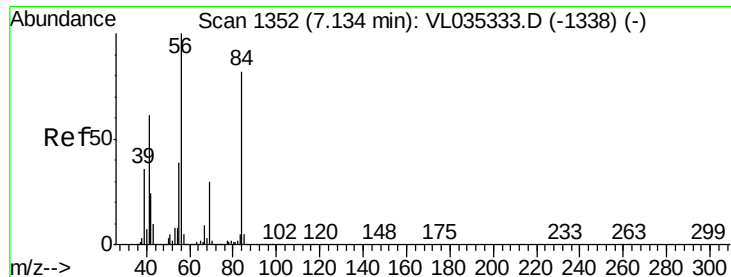
MMDadoda
8/10/2020 10:43:17 AM



#29
Chloroform
Concen: 0.343 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.9	79.3





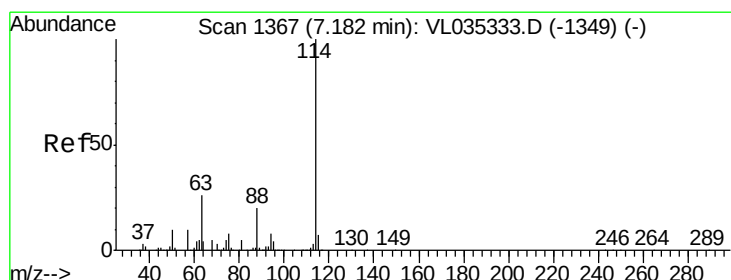
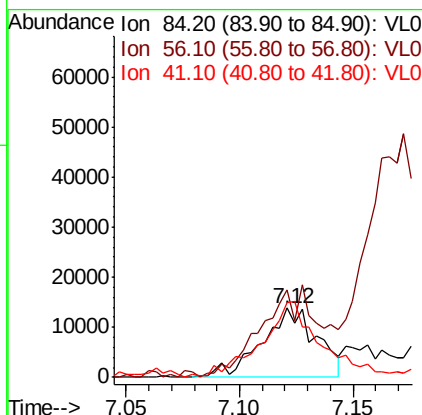
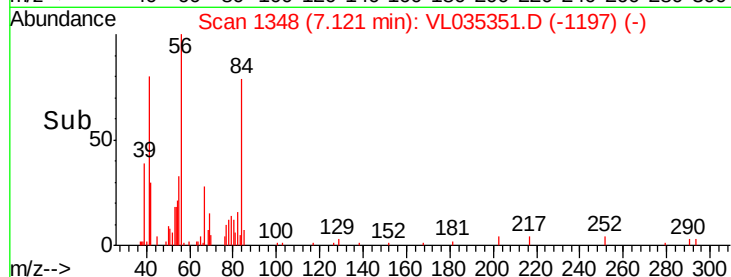
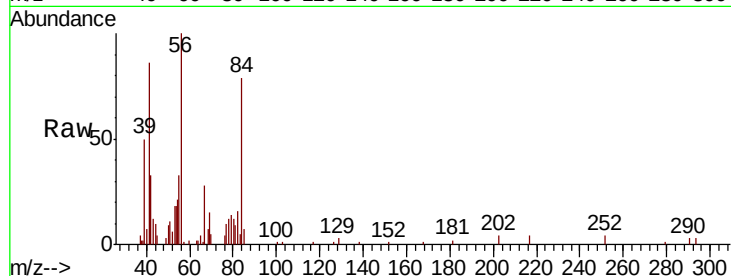
#30
Cyclohexane
Concen: 0.229 ppbv m
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	104.7	157.1#
41	119.7	64.2	96.2#

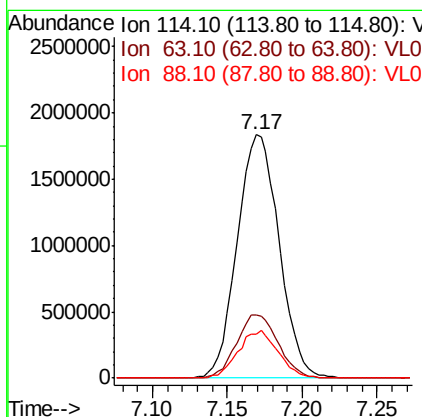
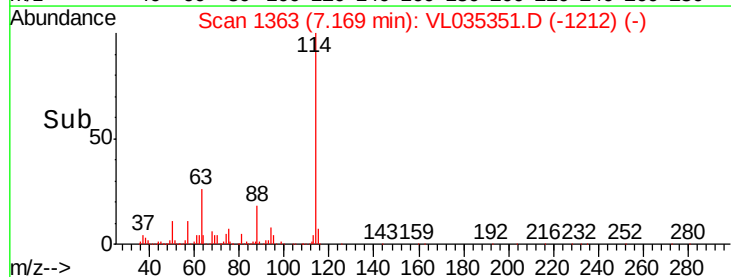
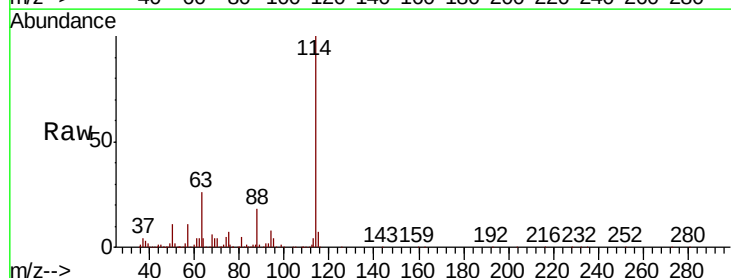
Manual Integrations
APPROVED

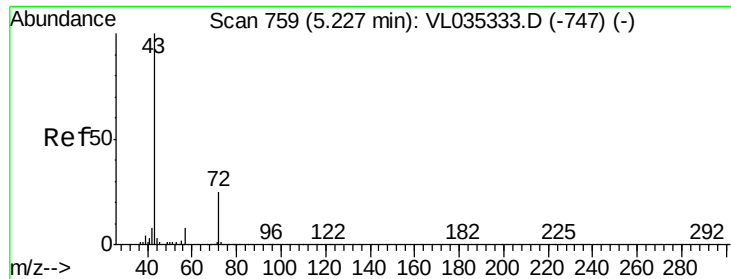
MMDadoda
8/10/2020 10:43:17 AM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.9	21.3	31.9
88	18.8	15.3	22.9





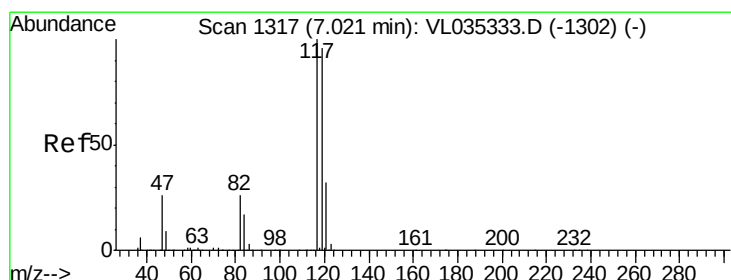
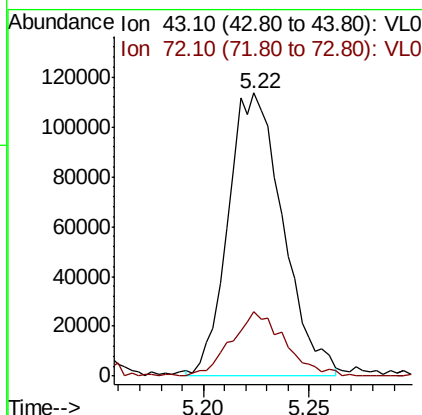
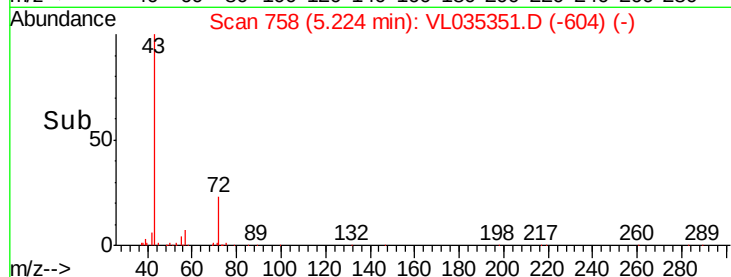
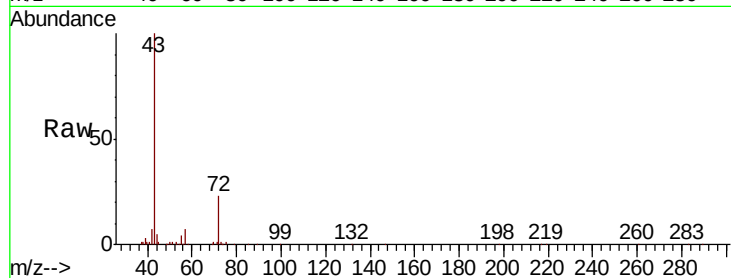
#34
2-Butanone
Concen: 1.161 ppbv m
RT: 5.22 min Scan# 758
Delta R.T. -0.00 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.9	28.3#

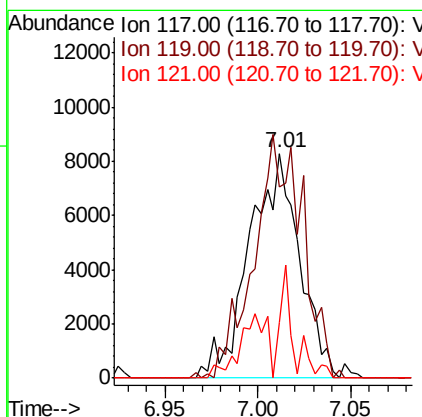
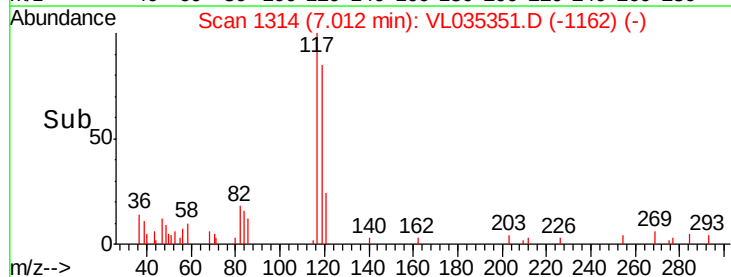
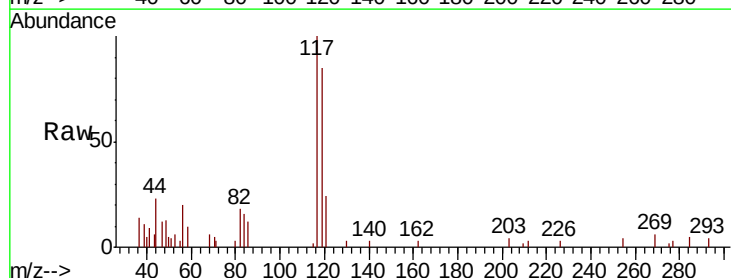
Manual Integrations
APPROVED

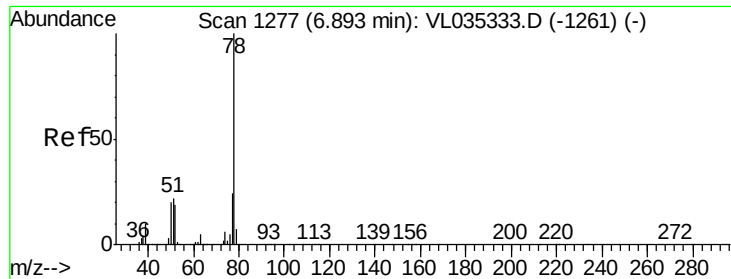
MMDadoda
8/10/2020 10:43:17 AM



#35
Carbon Tetrachloride
Concen: 0.063 ppbv m
RT: 7.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.9	77.0	115.6
121	24.4	26.0	39.0#





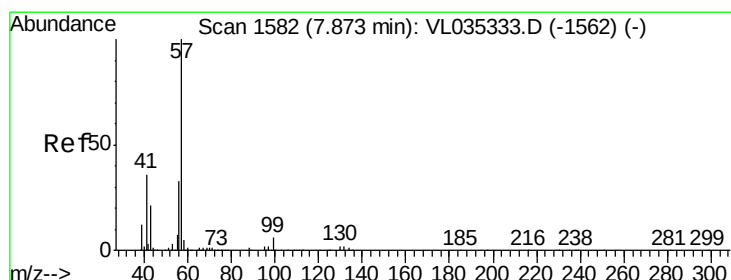
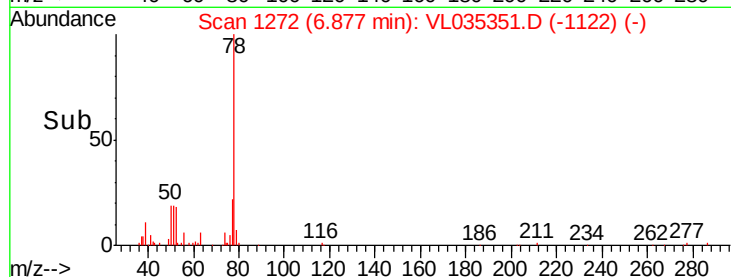
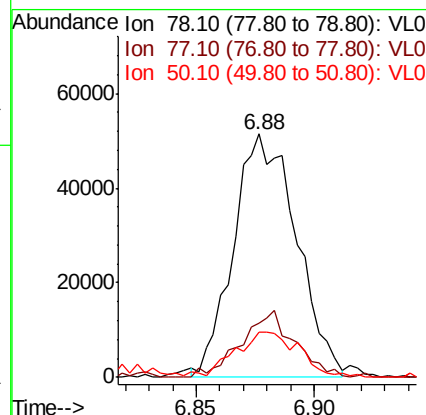
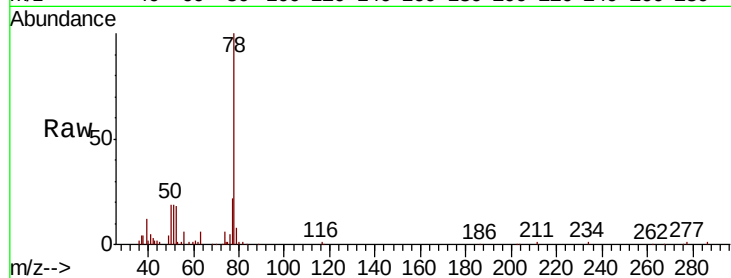
#36
Benzene
Concen: 0.394 ppbv m
RT: 6.88 min Scan# 1272
Delta R.T. -0.02 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.3	28.9
50	18.7	16.3	24.5

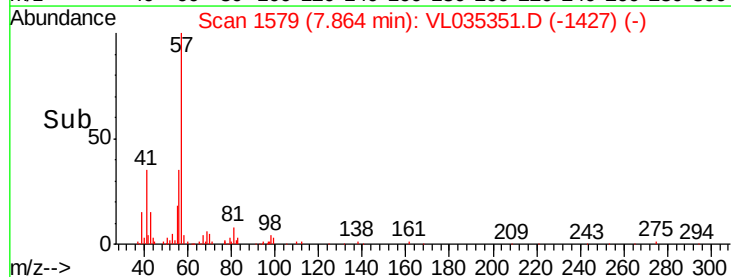
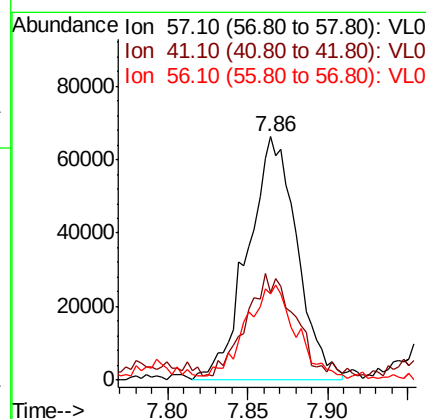
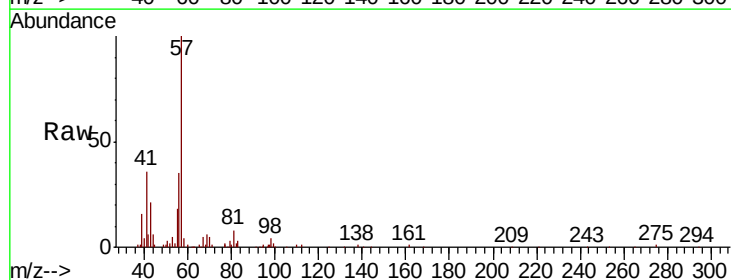
Manual Integrations
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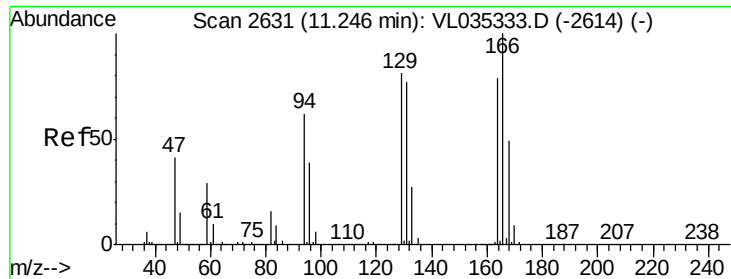
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#44
2,2,4-Trimethylpentane
Concen: 0.325 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
57	100		
41	48.5	27.9	41.9#
56	43.5	25.4	38.0#





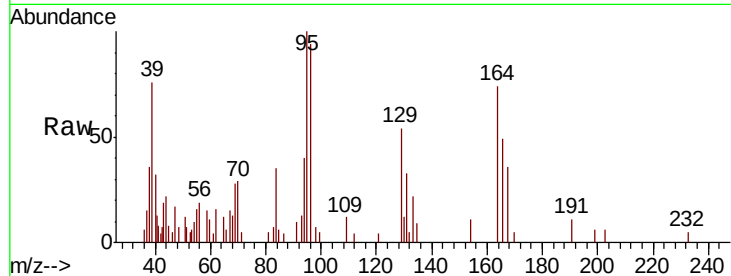
#52
Tetrachloroethene
Concen: 0.053 ppbv m
RT: 11.24 min Scan# 2628
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
164	100		
166	65.4	101.4	152.0#
129	72.5	82.1	123.1#
131	43.9	78.4	117.6#

Manual Integrations
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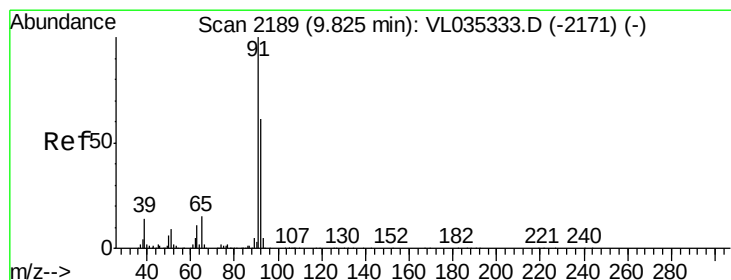
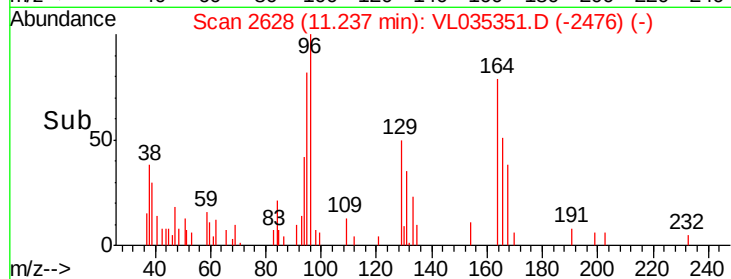
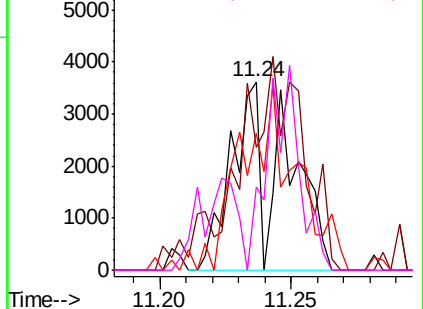
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

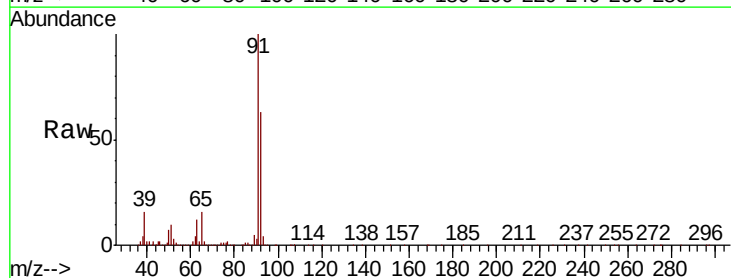
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53
Toluene
Concen: 20.740 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

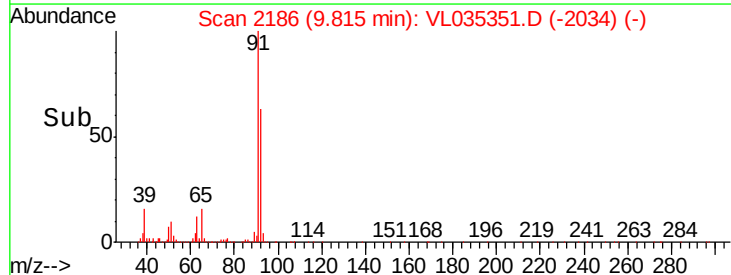
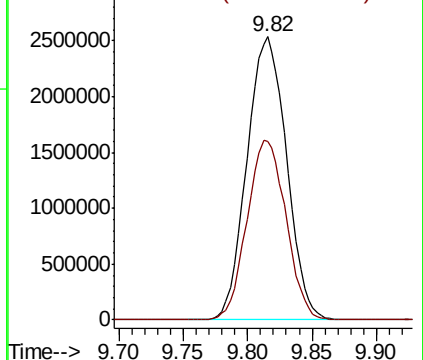
Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.4	48.5	72.7

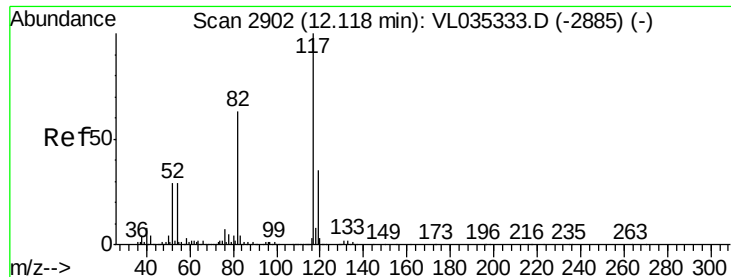


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





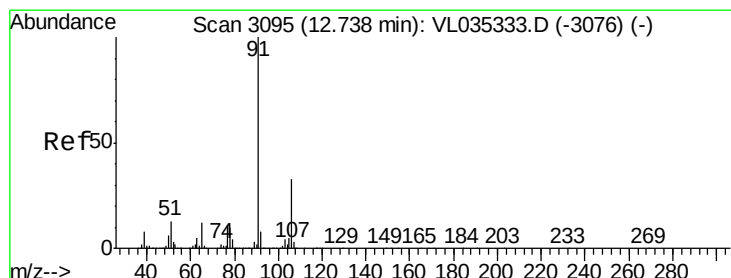
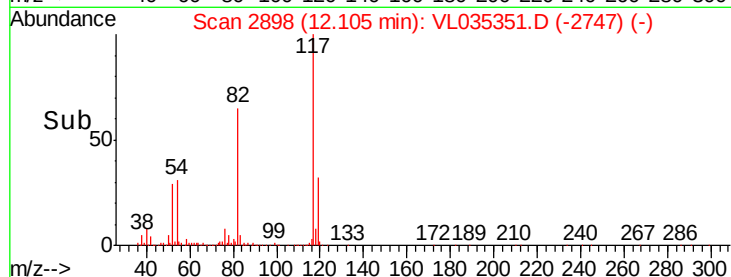
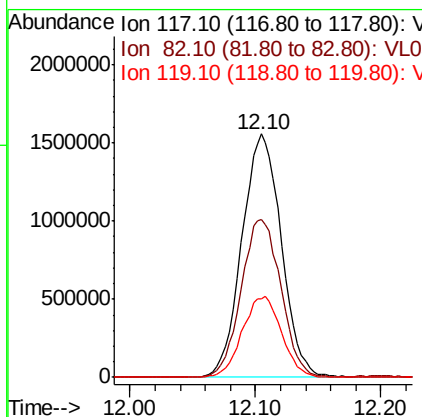
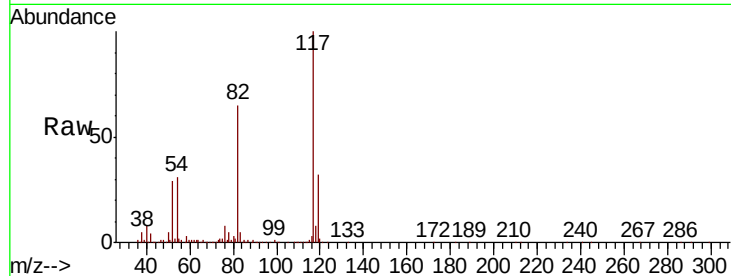
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion:117 Resp: 3391673
Ion Ratio Lower Upper
117 100
82 65.8 51.0 76.4
119 33.2 24.7 37.1

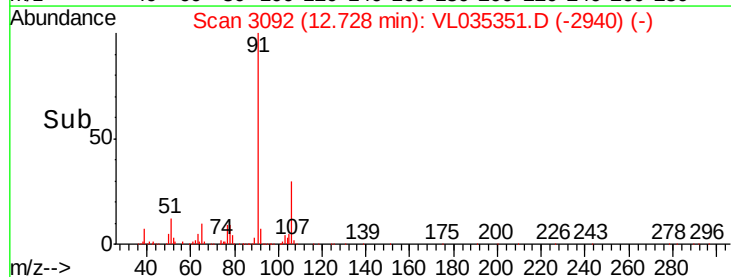
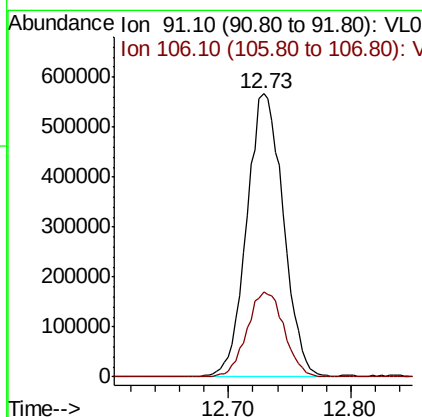
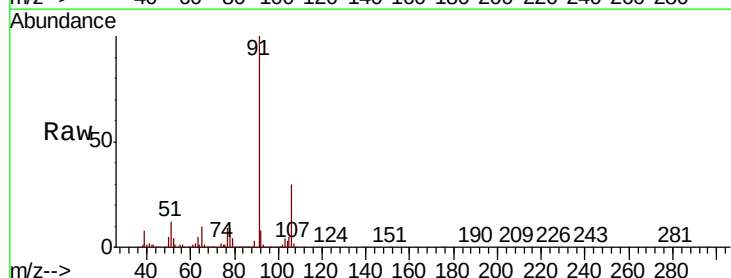
Manual Integrations
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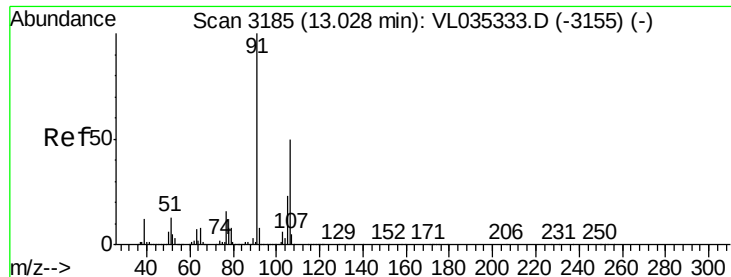
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8/10/2020 10:43:17 AM



#58
Ethyl Benzene
Concen: 3.319 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion: 91 Resp: 1171500
Ion Ratio Lower Upper
91 100
106 29.8 26.8 40.2





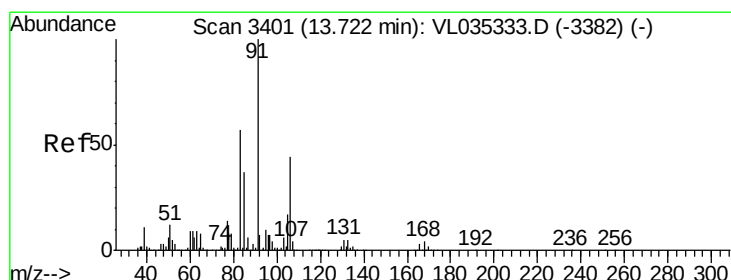
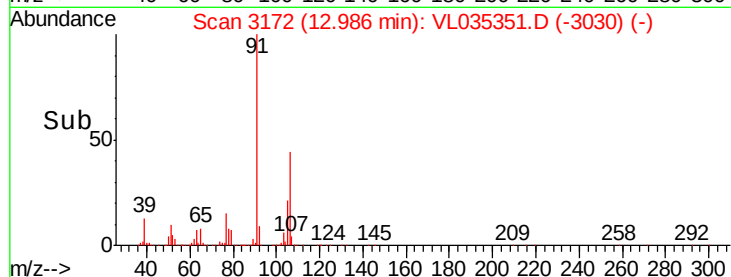
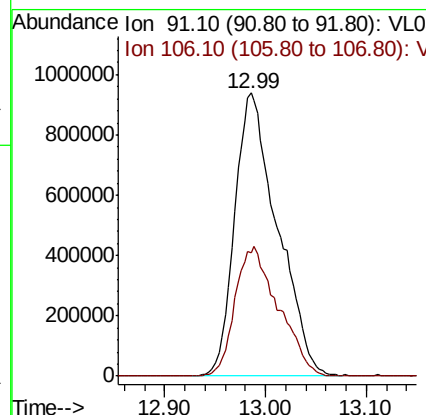
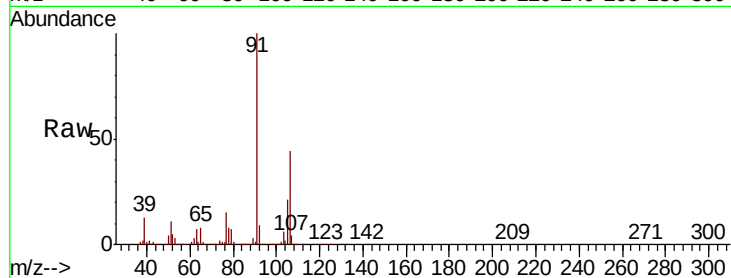
#59
m/p-Xylene
Concen: 8.399 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.04 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion: 91 Resp: 2760091
Ion Ratio Lower Upper
91 100
106 46.5 37.8 56.8

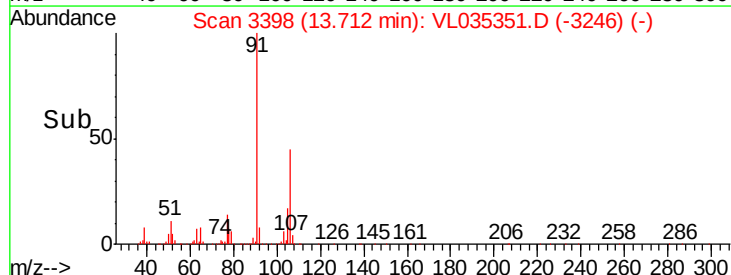
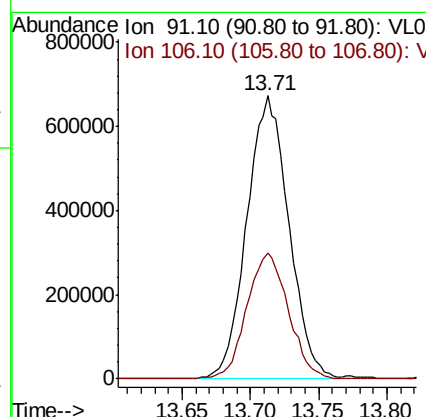
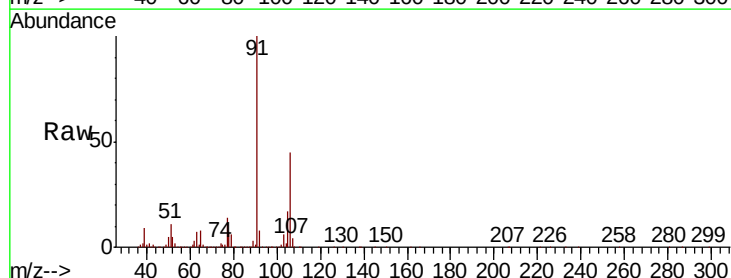
Manual Integrations
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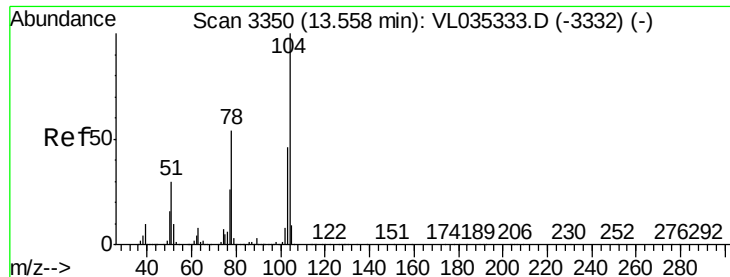
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#60
o-Xylene
Concen: 4.404 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion: 91 Resp: 1436275
Ion Ratio Lower Upper
91 100
106 44.1 22.7 68.0





#61

Stvrene

Concen: 0.216 ppbv m

RT: 13.55 min Scan# 3348

Delta R.T. -0.01 min

Lab File: VL035351.D

Acq: 6 Aug 2020 15:52

Instrument :

MSVOA_L

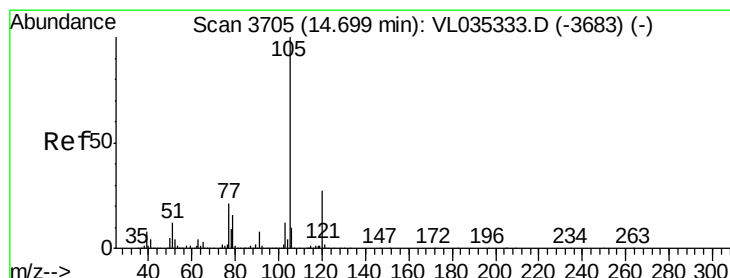
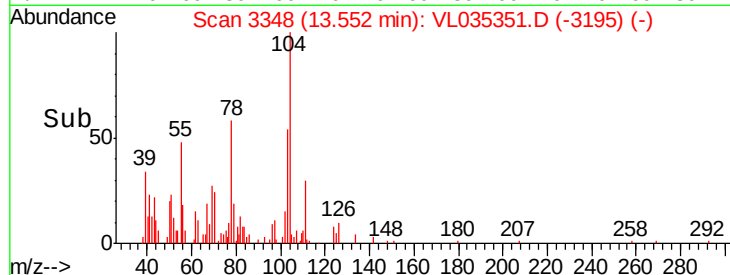
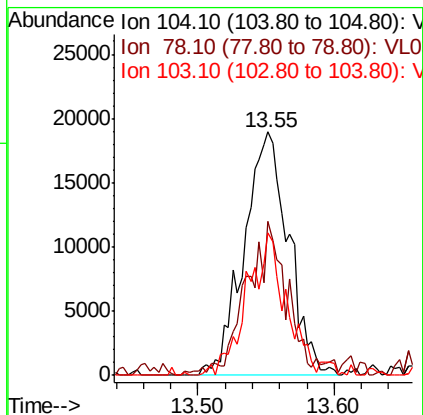
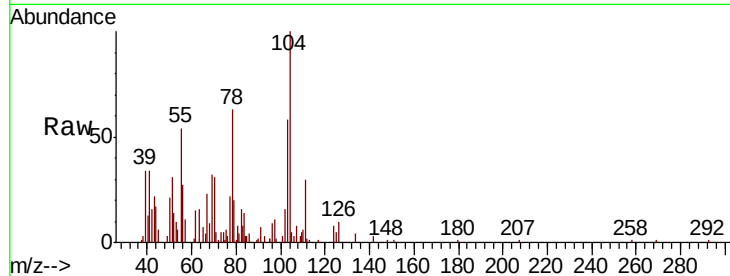
ClientSampleId :

3-ABOVE-GROUND

Tot Ion:	104	Resp:	42984
Ion Ratio	Lower	Upper	
104	100		
78	58.6	42.6	63.8
103	54.1	38.1	57.1

Manual Integrations
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#62

Isopropylbenzene

Concen: 0.395 ppbv

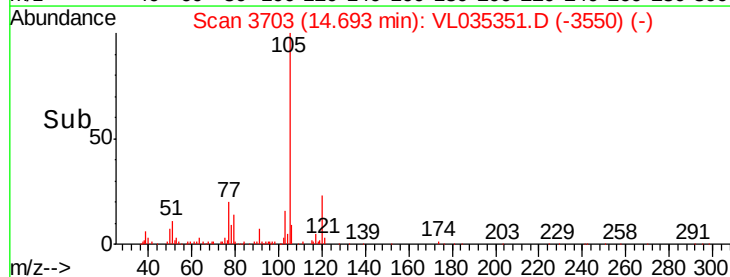
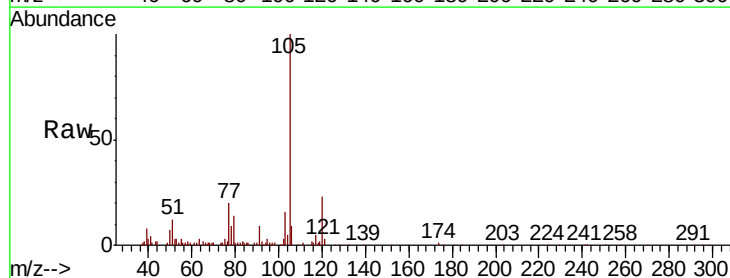
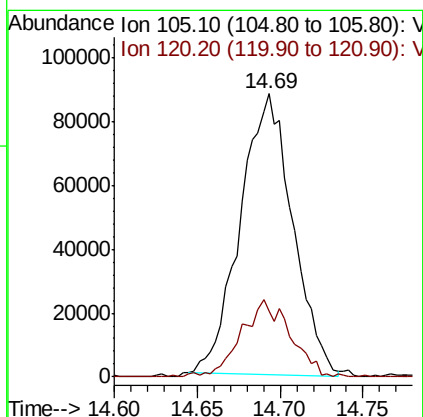
RT: 14.69 min Scan# 3703

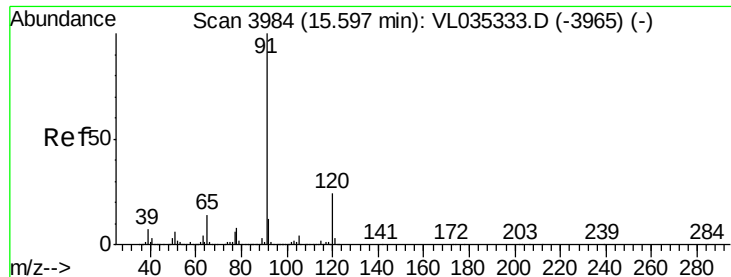
Delta R.T. -0.01 min

Lab File: VL035351.D

Acq: 6 Aug 2020 15:52

Tgt Ion:	105	Resp:	193932
Ion Ratio	Lower	Upper	
105	100		
120	25.8	21.1	31.7





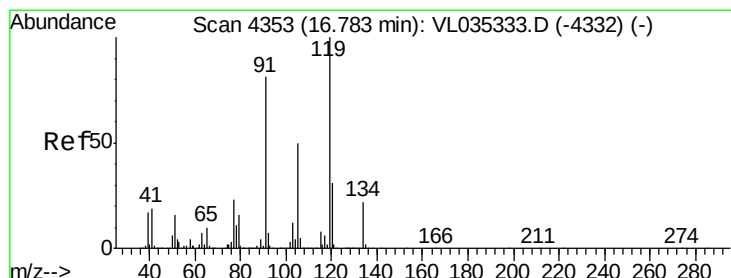
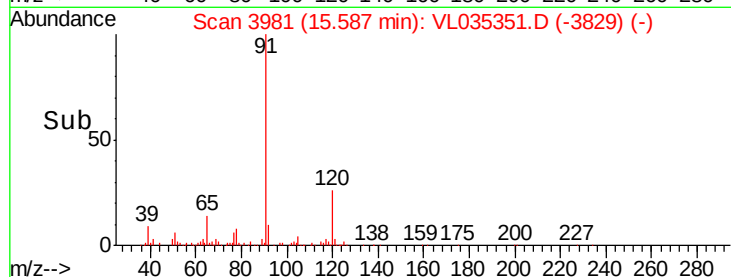
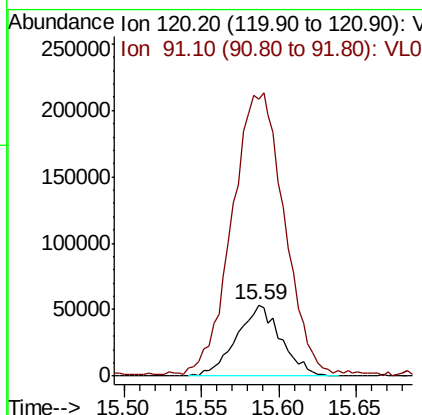
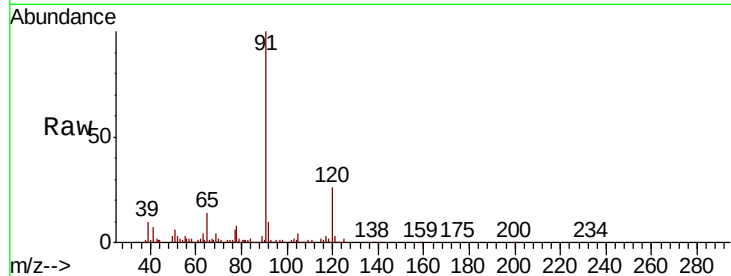
#64
n-propylbenzene
Concen: 0.812 ppbv
RT: 15.59 min Scan# 3981
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
120	100		
91	469.0	357.2	535.8

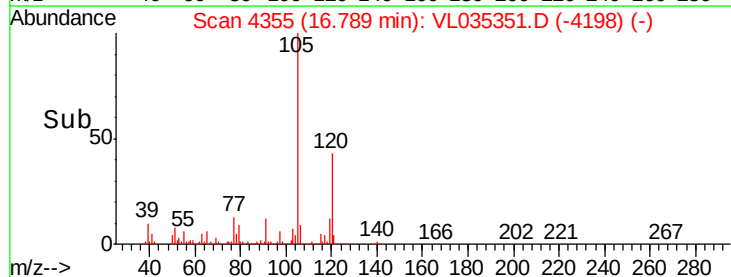
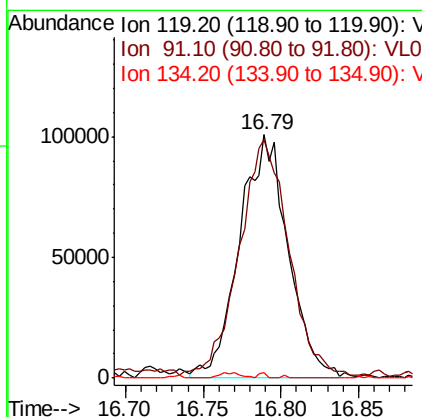
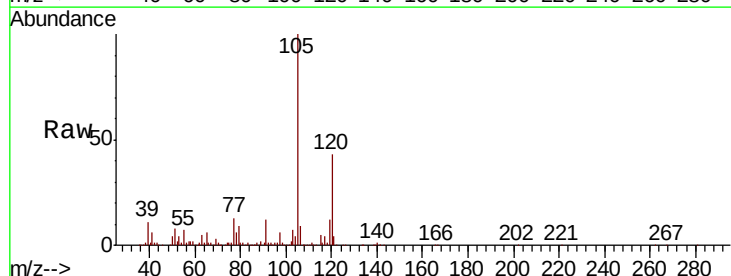
Manual Integrations
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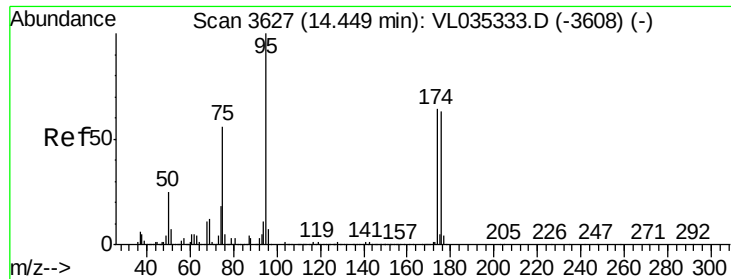
MMDadoda
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#65
tert-Butylbenzene
Concen: 0.486 ppbv m
RT: 16.79 min Scan# 4355
Delta R.T. 0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
119	100		
91	0.0	66.3	99.5#
134	1.5	16.2	24.2#





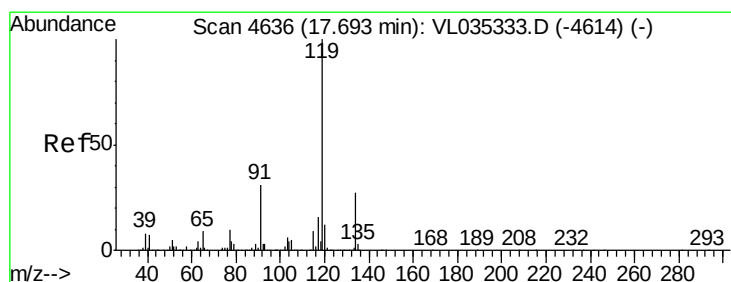
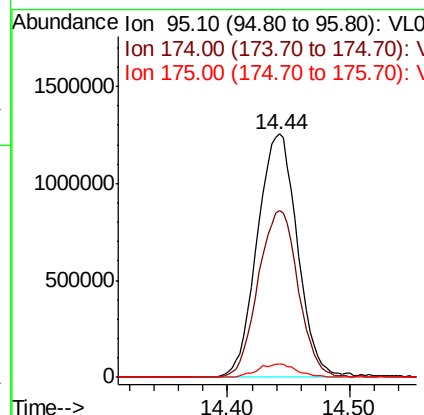
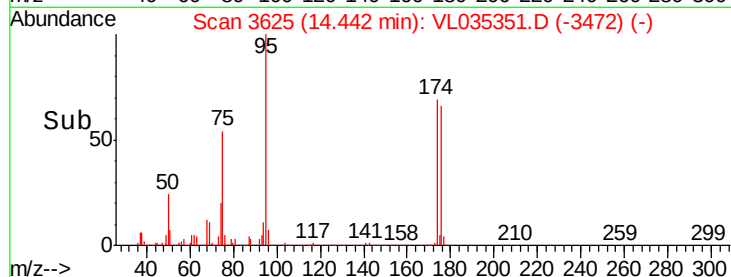
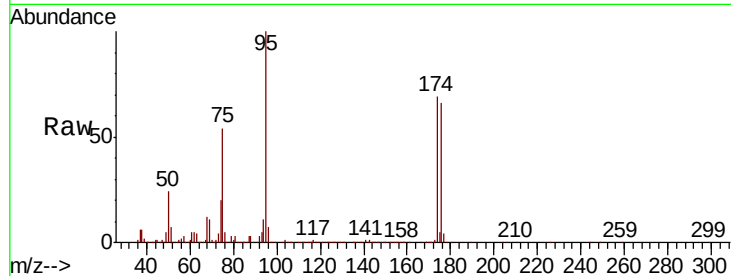
#68
1-Bromo-4-Fluorobenzene
Concen: 10.078 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion: 95 Resp: 2850490
Ion Ratio Lower Upper
95 100
174 69.1 53.5 80.3
175 5.4 4.2 6.2

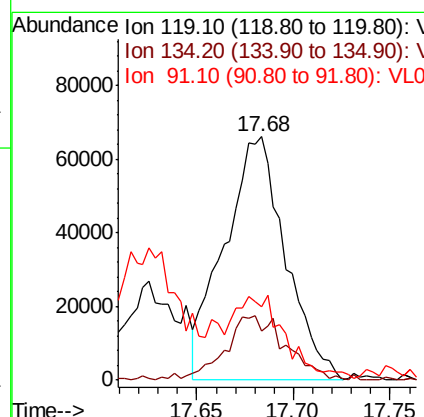
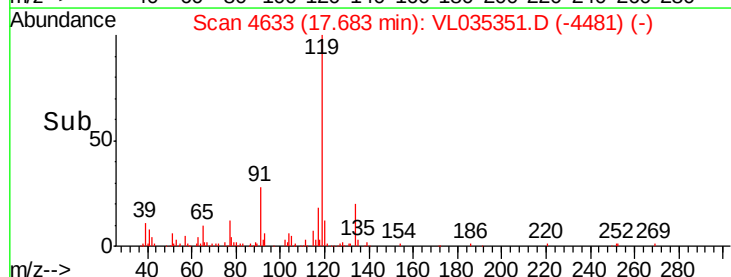
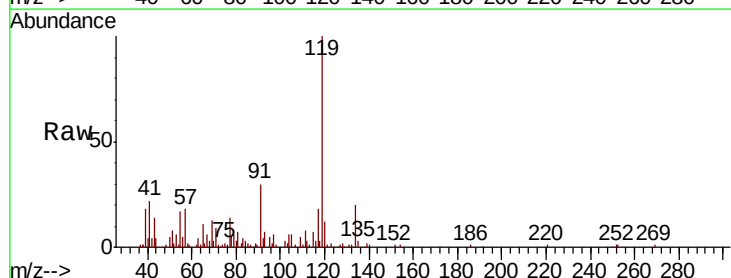
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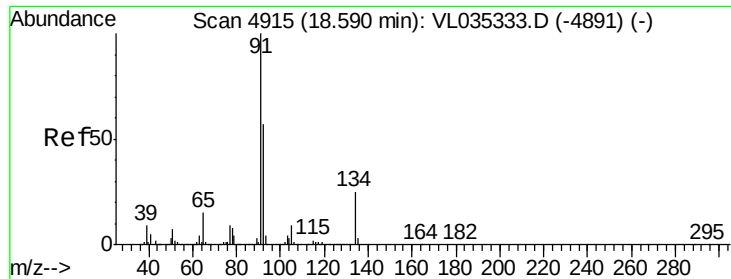
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#69
p-Isopropyltoluene
Concen: 0.281 ppbv
RT: 17.68 min Scan# 4633
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion: 119 Resp: 145605
Ion Ratio Lower Upper
119 100
134 26.8 21.1 31.7
91 24.1 24.5 36.7#





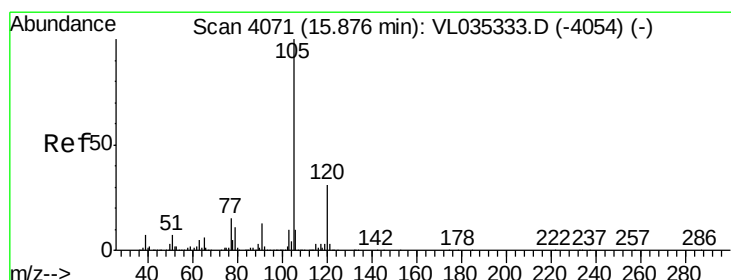
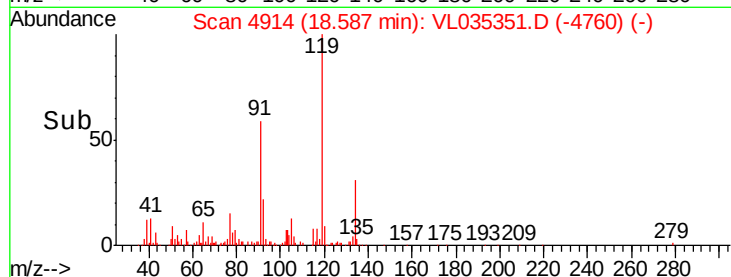
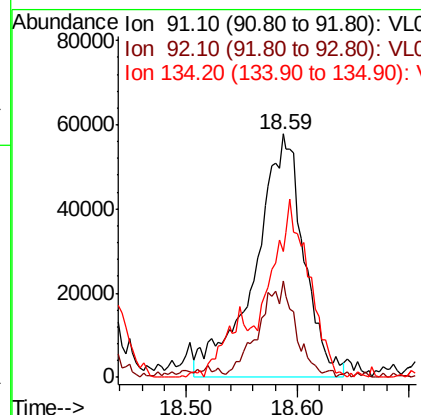
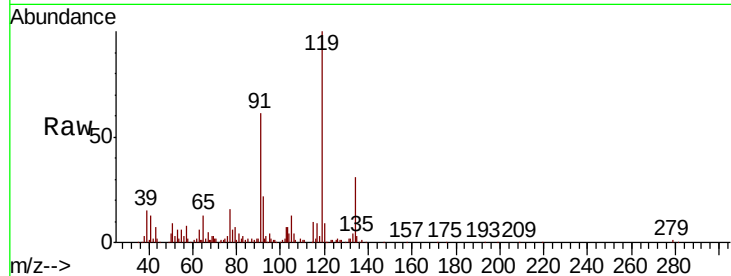
#70
n-Butylbenzene
Concen: 0.318 ppbv m
RT: 18.59 min Scan# 4914
Delta R.T. -0.00 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Instrument :
MSVOA_L
ClientSampleId :
3-ABOVE-GROUND

Tot Ion	Ratio	Resp	Lower	Upper
91	100	176285		
92	0.0	44.2	66.2#	
134	0.0	19.0	28.6#	

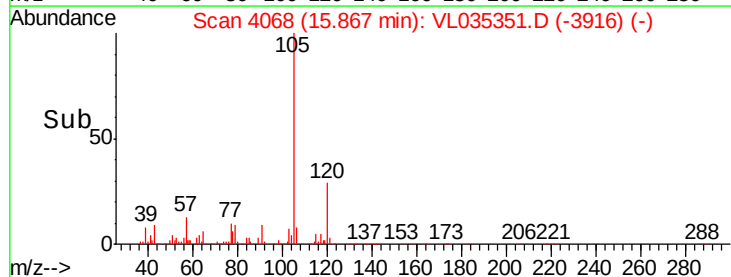
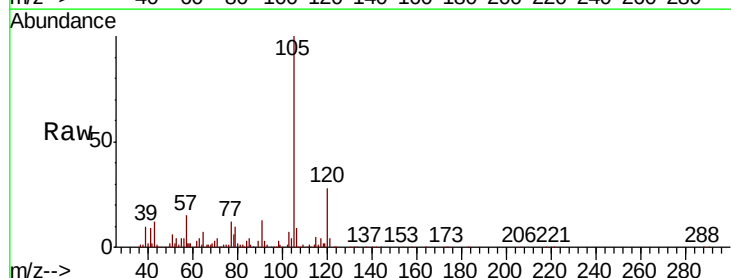
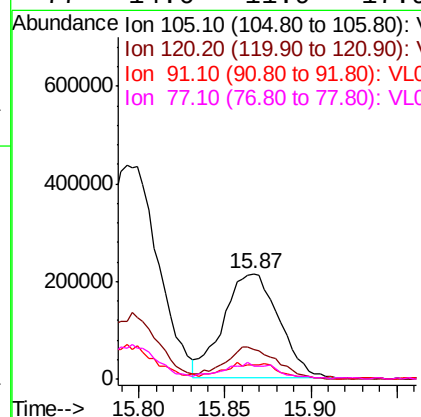
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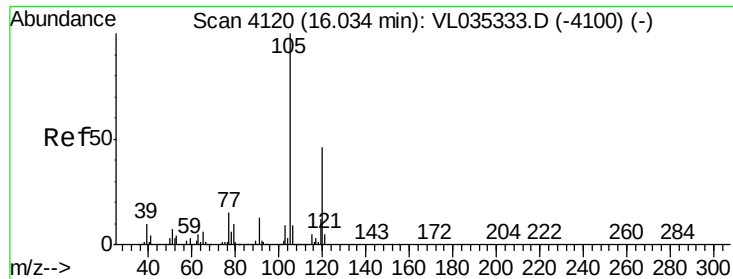
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#72
4-Ethyltoluene
Concen: 1.294 ppbv
RT: 15.87 min Scan# 4068
Delta R.T. -0.01 min
Lab File: VL035351.D
Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	481033		
120	28.8	24.0	36.0	
91	14.4	10.8	16.2	
77	14.6	11.9	17.9	





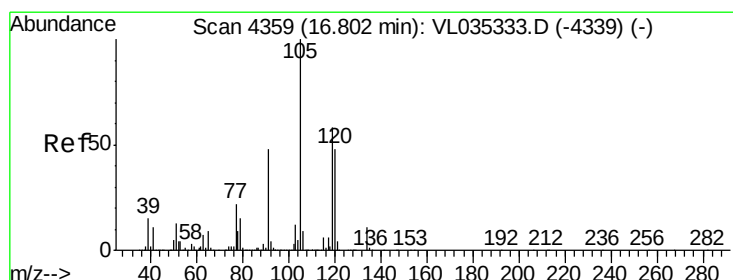
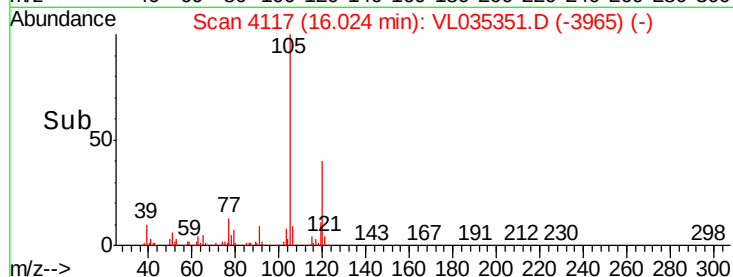
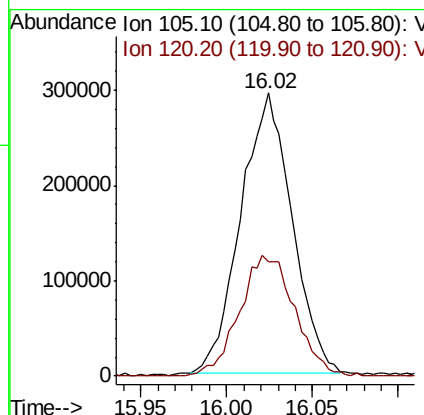
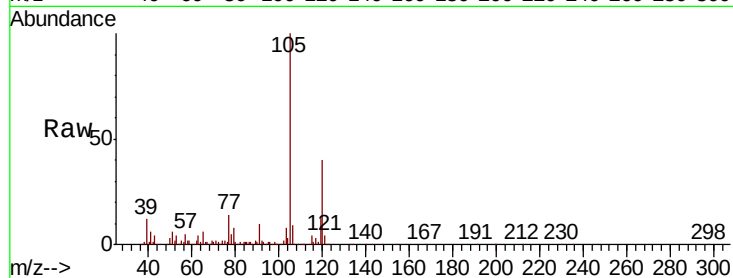
#73
 1,3,5-Trimethylbenzene
 Concen: 1.702 ppbv
 RT: 16.02 min Scan# 4117
 Delta R.T. -0.01 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Instrument :
 MSVOA_L
 ClientSampleId :
 3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
105	100		
120	40.2	36.9	55.3

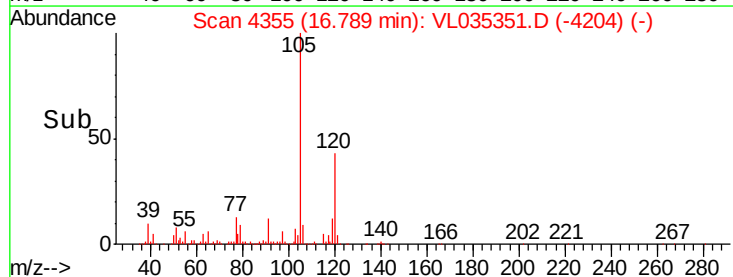
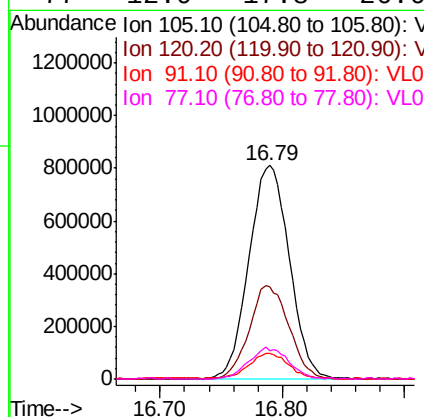
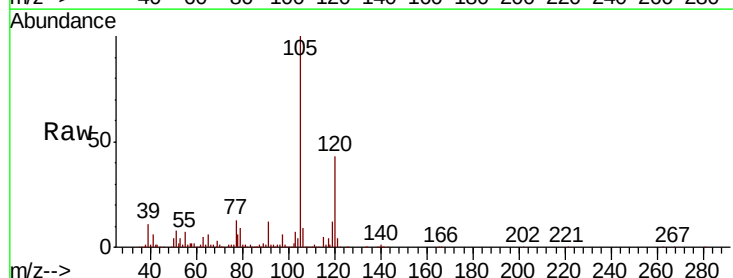
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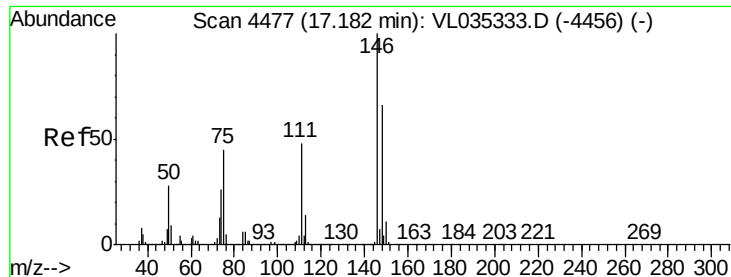
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#74
 1,2,4-Trimethylbenzene
 Concen: 4.551 ppbv
 RT: 16.79 min Scan# 4355
 Delta R.T. -0.01 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	38.5	57.7
91	12.1	39.0	58.6#
77	12.9	17.8	26.6#





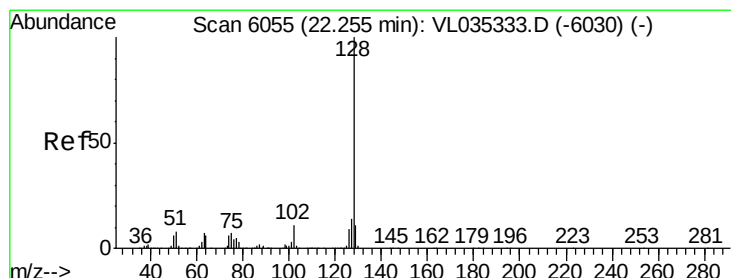
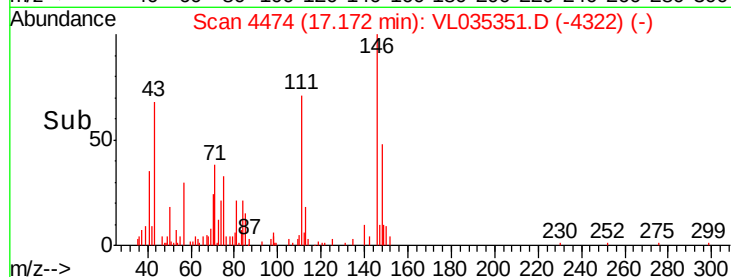
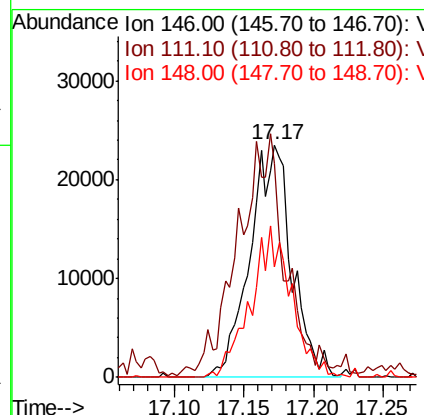
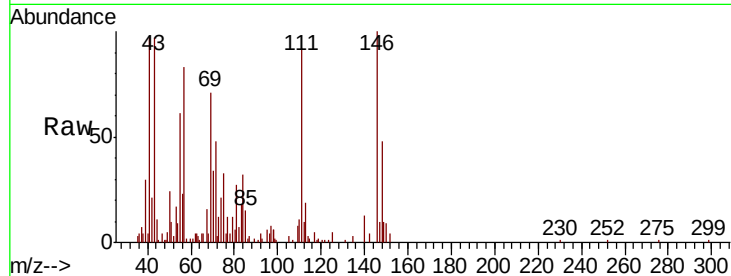
#76
 1,4-Dichlorobenzene
 Concen: 0.199 ppbv m
 RT: 17.17 min Scan# 4474
 Delta R.T. -0.01 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Instrument :
 MSVOA_L
 ClientSampleId :
 3-ABOVE-GROUND

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.3	69.9#
148	0.0	32.1	96.5#

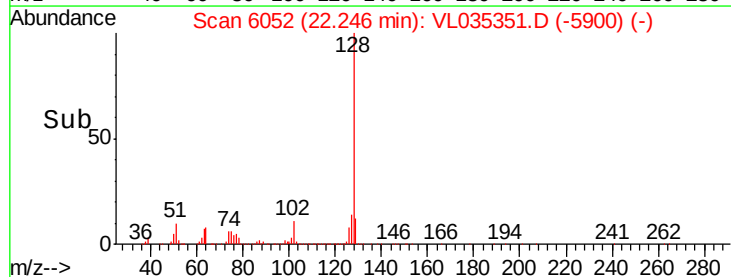
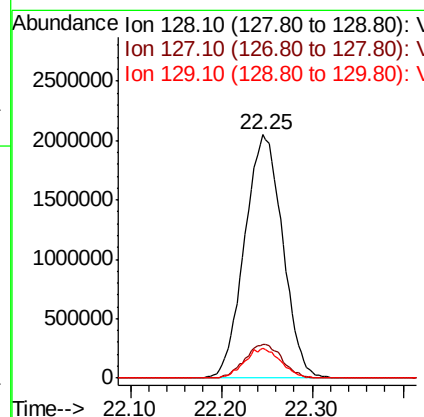
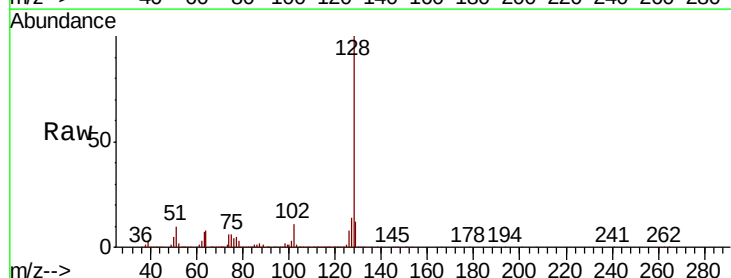
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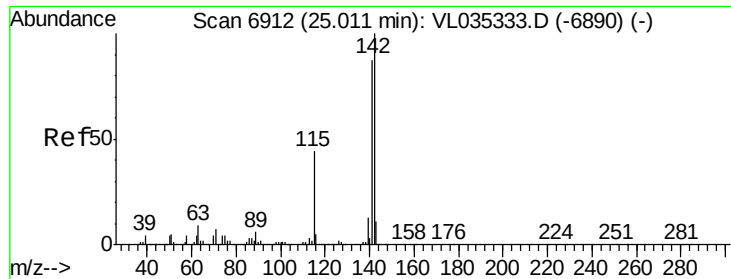
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#79
 Naphthalene
 Concen: 18.965 ppbv
 RT: 22.25 min Scan# 6052
 Delta R.T. -0.01 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.1	16.7
129	12.2	8.7	13.1





#80
 Naphthalene, 2-methyl-
 Concen: 11.775 ppbv
 RT: 25.00 min Scan# 6910
 Delta R.T. -0.01 min
 Lab File: VL035351.D
 Acq: 6 Aug 2020 15:52

Instrument :
 MSVOA_L
 ClientSampleId :
 3-ABOVE-GROUND

Tot Ion:	142	Resp:	840054
Ion Ratio		Lower	Upper
142	100		
141	85.2	69.0	103.6
115	42.9	35.5	53.3

Manual Integrations
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