

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035349.D
 Acq On : 6 Aug 2020 14:32
 Operator : SY/AP
 Sample : L3554-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2-UNDER-GROUND

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 10:43:14 AM

Quant Time: Aug 09 21:20:50 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	1340425	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3405523	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	3306061	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2791950	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.00	85	54544	0.306	ppbv	94
3) Chlorodifluoromethane	2.94	51	44635m	0.292	ppbv	
4) Chloromethane	3.09	50	59204	0.683	ppbv	95
10) Heptane	8.12	43	82562	0.593	ppbv	98
11) Trichlorofluoromethane	3.91	101	61599	0.267	ppbv	94
13) Ethanol	3.58	45	281750m	14.983	ppbv	
15) Acetone	3.80	43	2792836	14.672	ppbv	92
17) tert-Butyl alcohol	4.28	59	164321	0.941	ppbv	96
19) Isopropyl Alcohol	3.95	45	852642m	7.067	ppbv	
20) Methylene Chloride	4.31	84	243211	3.133	ppbv	91
26) Hexane	5.66	57	212610	1.695	ppbv #	44
27) Carbon Disulfide	4.51	76	1618794	9.228	ppbv	100
29) Chloroform	5.73	83	203067	0.939	ppbv	100
30) Cyclohexane	7.12	84	56513	0.594	ppbv	89
32) 1,1,1-Trichloroethane	6.50	97	15011m	0.066	ppbv	
34) 2-Butanone	5.21	43	871417	5.197	ppbv	99
35) Carbon Tetrachloride	7.01	117	17270m	0.074	ppbv	
36) Benzene	6.88	78	155897	0.678	ppbv	97
44) 2,2,4-Trimethylpentane	7.86	57	158962	0.389	ppbv #	76
50) 4-Methyl-2-Pentanone	8.75	43	39269m	0.153	ppbv	
51) 2-Hexanone	10.14	43	467273	2.328	ppbv #	95
52) Tetrachloroethene	11.23	164	7615m	0.084	ppbv	
53) Toluene	9.81	91	1844969	7.375	ppbv	100
54) 1,2-Dibromoethane	10.60	107	67324m	0.419	ppbv	
58) Ethyl Benzene	12.73	91	459076	1.334	ppbv	92
59) m/p-Xylene	12.99	91	1292790	4.036	ppbv	99
60) o-Xylene	13.71	91	590938	1.859	ppbv	98
61) Styrene	13.55	104	59675m	0.307	ppbv	
62) Isopropylbenzene	14.69	105	114334m	0.239	ppbv	
65) tert-Butylbenzene	16.80	119	136515m	0.311	ppbv	
69) p-Isopropyltoluene	17.70	119	124242m	0.246	ppbv	
70) n-Butylbenzene	18.59	91	149171m	0.276	ppbv	
72) 4-Ethyltoluene	15.87	105	280038	0.773	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	298787	0.859	ppbv	100
74) 1,2,4-Trimethylbenzene	16.80	105	958121	2.411	ppbv #	71
76) 1,4-Dichlorobenzene	17.18	146	159112m	0.661	ppbv	
79) Naphthalene	22.25	128	861462	2.818	ppbv	97
80) Naphthalene,2-methyl-	25.00	142	95560	1.374	ppbv	98

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

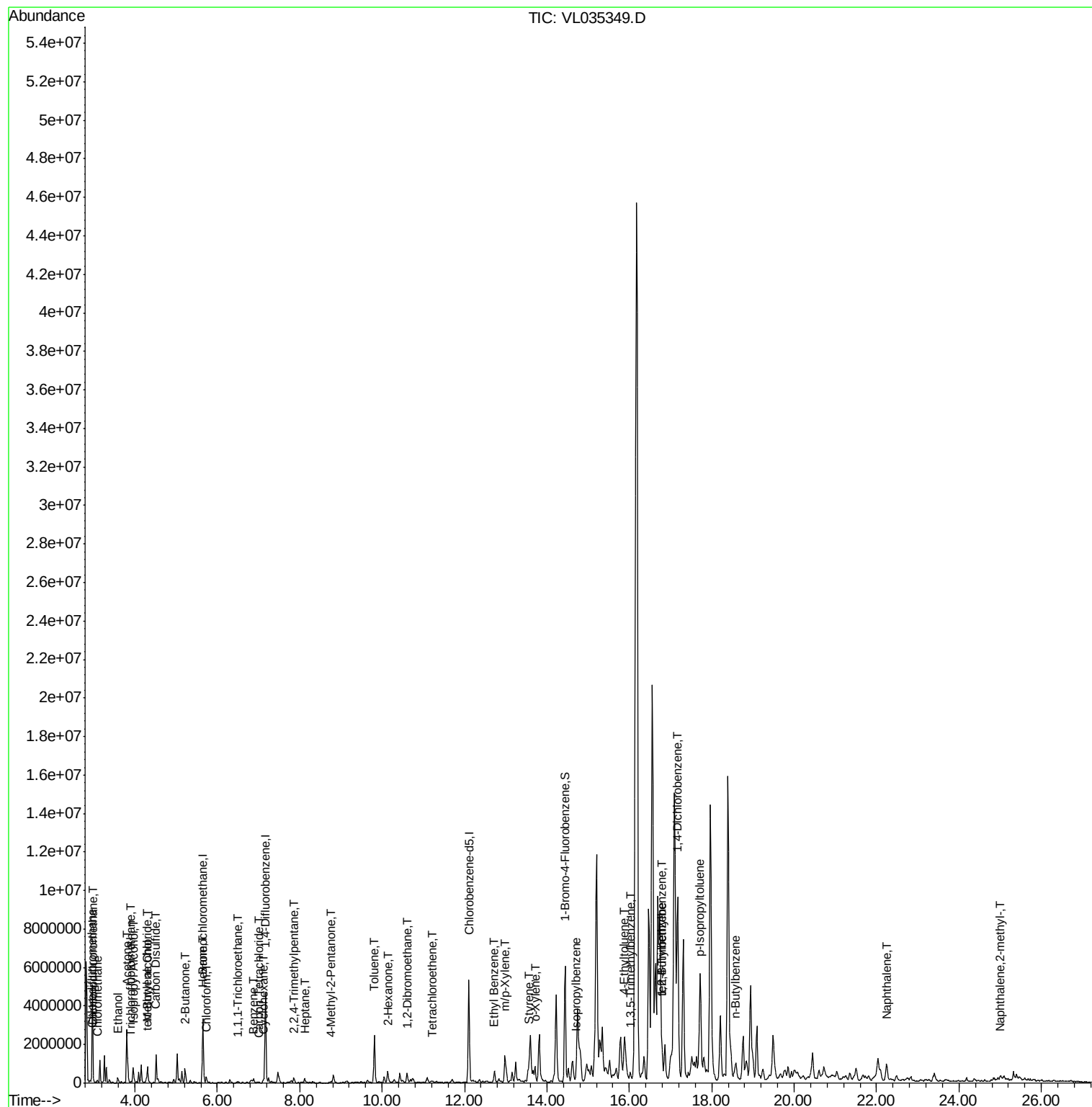
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080620\
Data File : VL035349.D
Acq On : 6 Aug 2020 14:32
Operator : SY/AP
Sample : L3554-06
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ALS Vial : 1 Sample Multiplier: 1

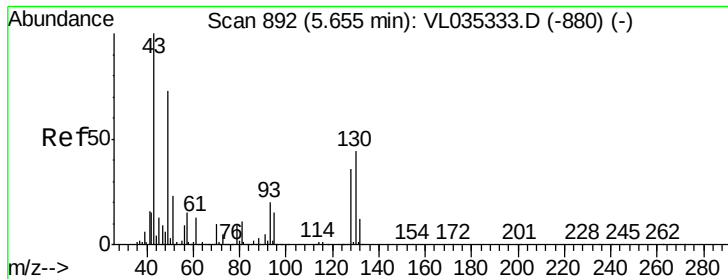
Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

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Quant Time: Aug 09 21:20:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Instrument :

MSVOA_L

ClientSampleId :

2-UNDER-GROUND

Tot Ion: 49 Resp: 1340425

Ion Ratio Lower Upper

49 100

128 49.9 25.4 76.0

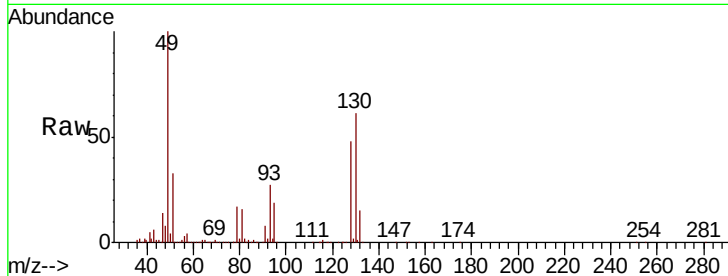
130 63.4 32.1 96.3

Manual Integrations

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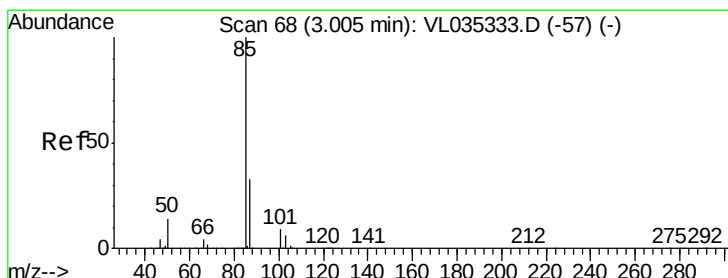
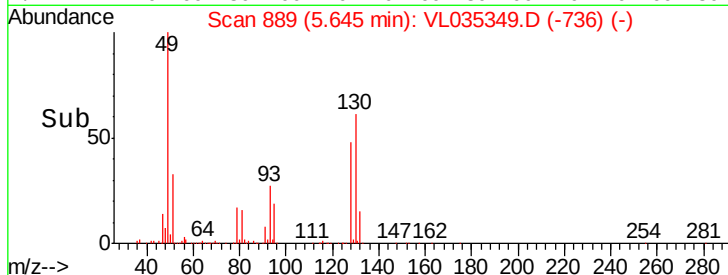
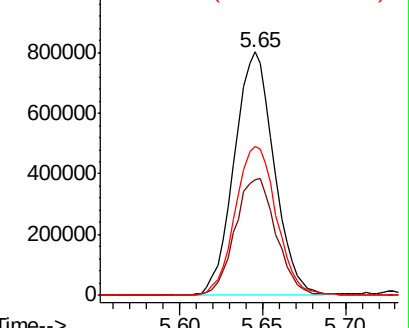
8/10/2020 10:43:14 AM



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: 0.306 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL035349.D

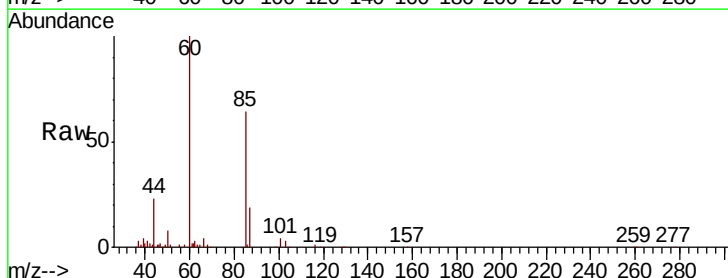
Acq: 6 Aug 2020 14:32

Tgt Ion: 85 Resp: 54544

Ion Ratio Lower Upper

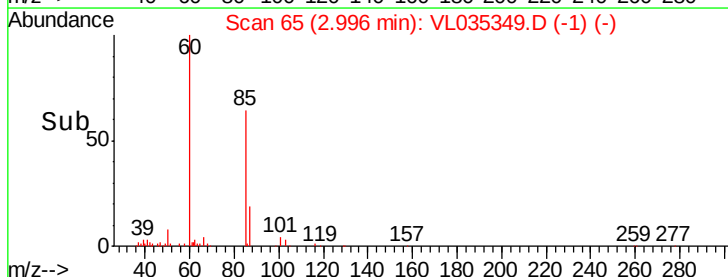
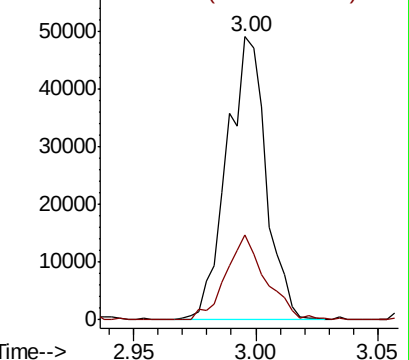
85 100

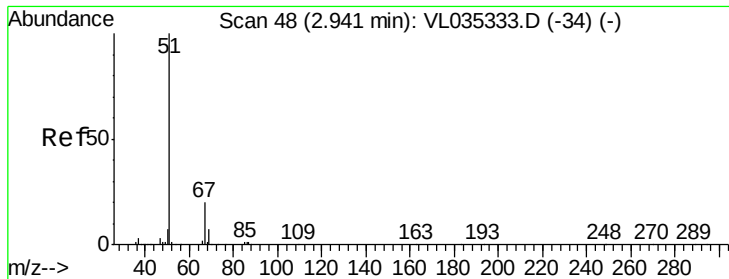
87 29.9 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.292 ppbv

RT: 2.94 min Scan# 47

Delta R.T. -0.00 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Instrument :

MSVOA_L

ClientSampleId :

2-UNDER-GROUND

Tot Ion: 51 Resp: 44635

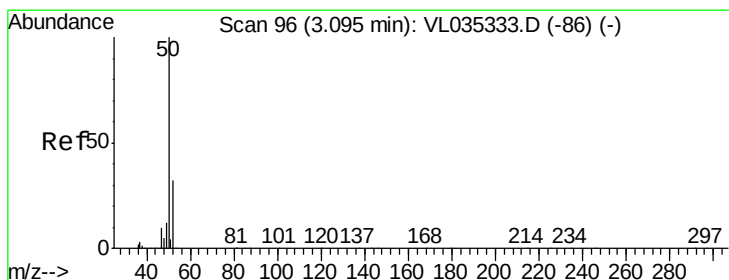
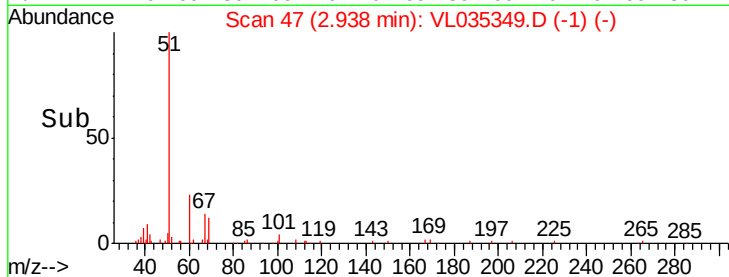
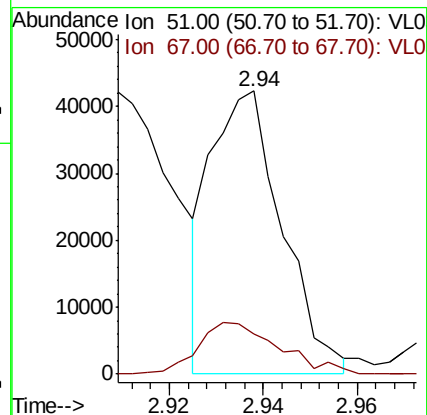
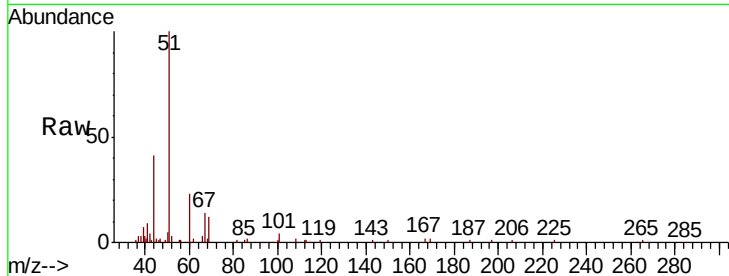
Ion Ratio Lower Upper

51 100

67 20.7 16.6 25.0

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#4

Chloromethane

Concen: 0.683 ppbv

RT: 3.09 min Scan# 95

Delta R.T. -0.00 min

Lab File: VL035349.D

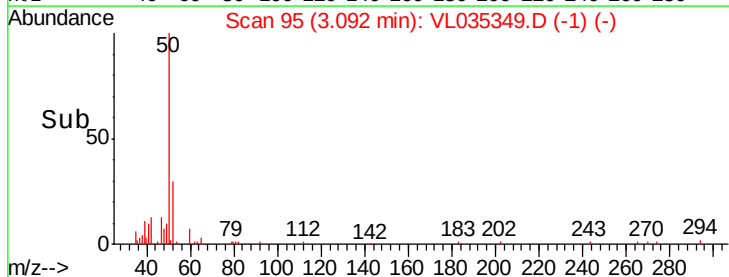
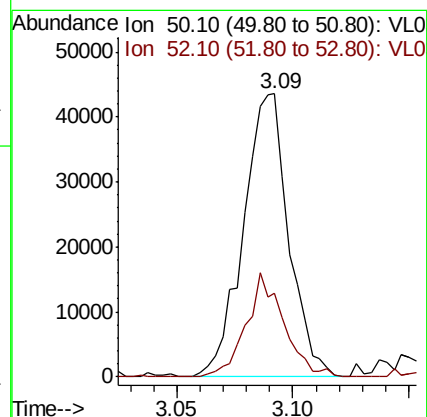
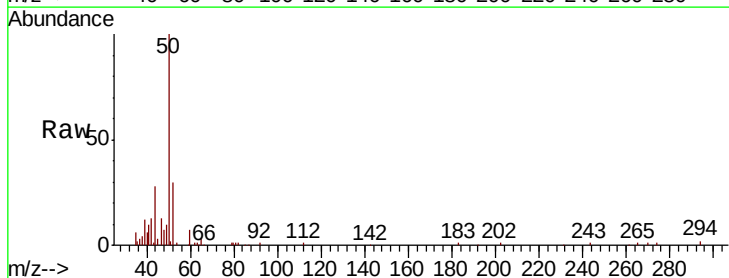
Acq: 6 Aug 2020 14:32

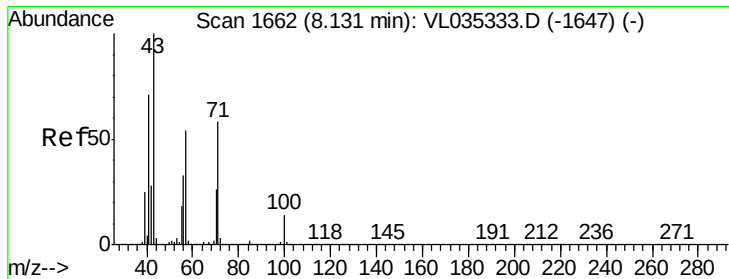
Tgt Ion: 50 Resp: 59204

Ion Ratio Lower Upper

50 100

52 29.5 26.0 39.0





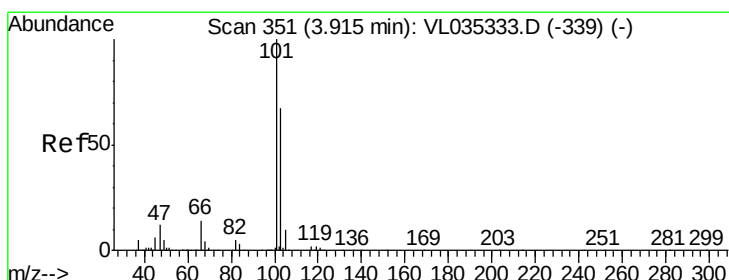
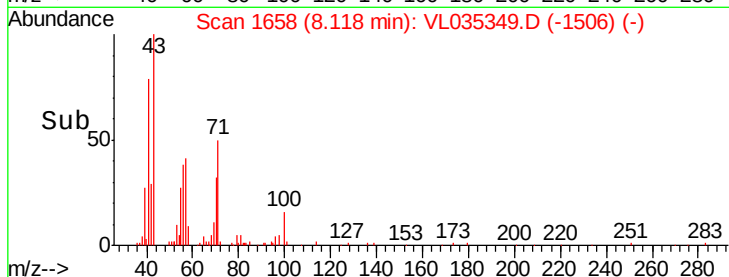
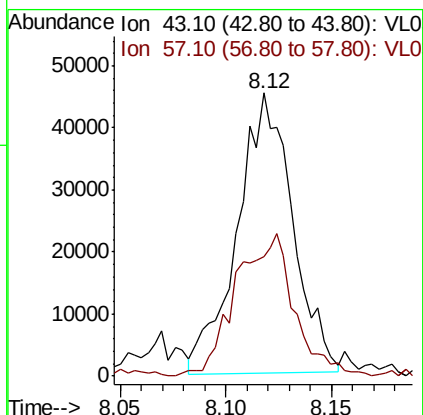
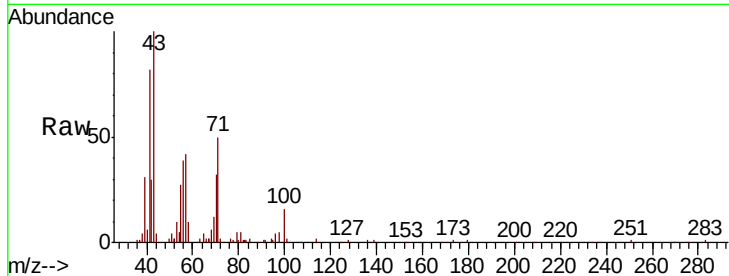
#10
Heptane
Concen: 0.593 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

Tot Ion: 43 Resp: 82562
Ion Ratio Lower Upper
43 100
57 52.2 43.0 64.6

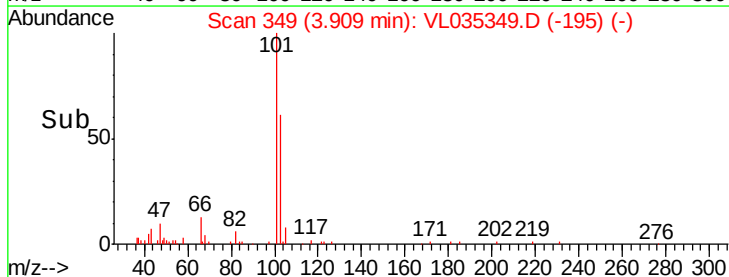
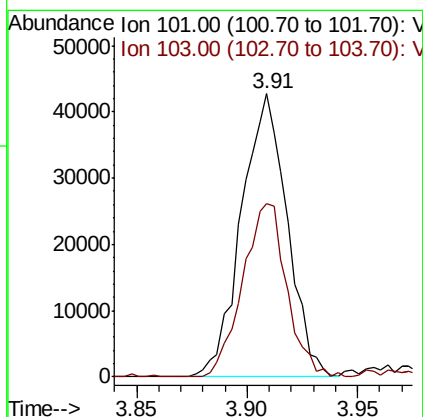
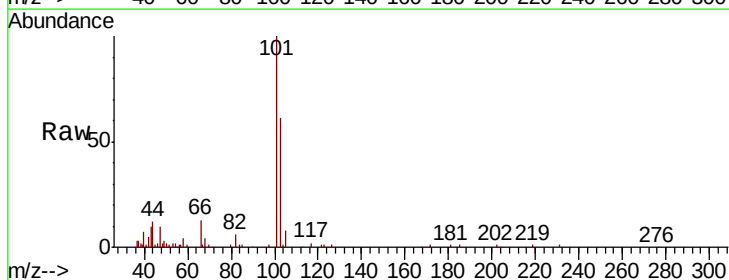
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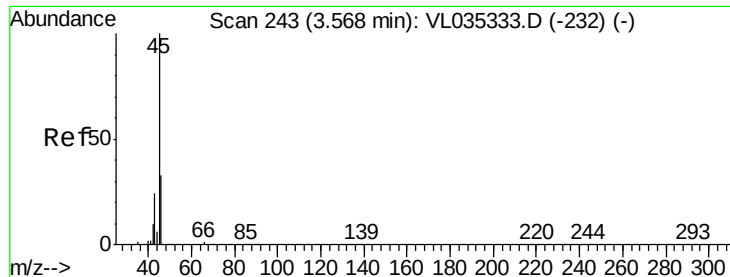
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#11
Trichlorofluoromethane
Concen: 0.267 ppbv
RT: 3.91 min Scan# 349
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 101 Resp: 61599
Ion Ratio Lower Upper
101 100
103 62.7 53.8 80.8





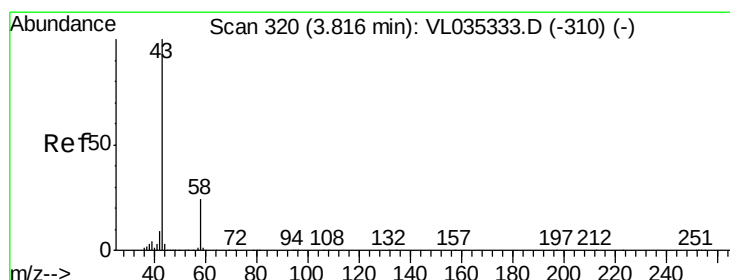
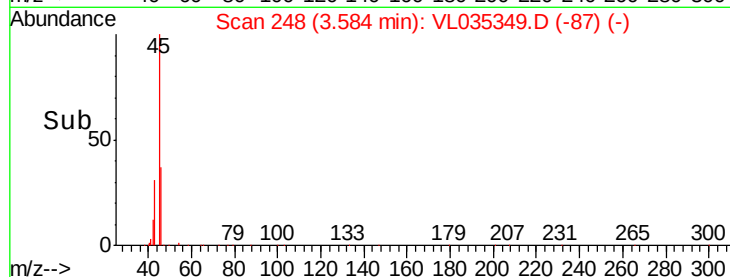
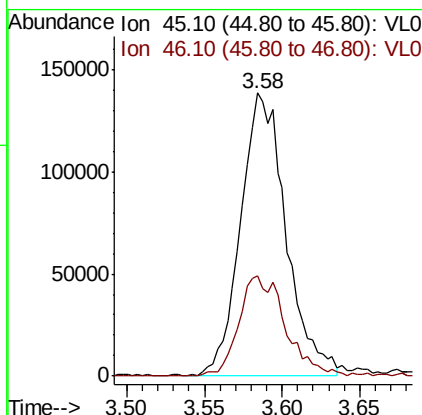
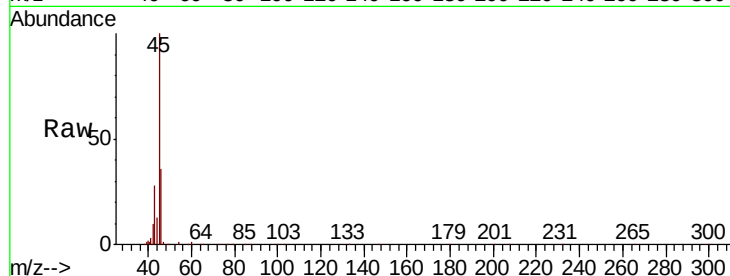
#13
Ethanol
Concen: 14.983 ppbv m
RT: 3.58 min Scan# 248
Delta R.T. 0.02 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

Tot Ion: 45 Resp: 281750
Ion Ratio Lower Upper
45 100
46 36.9 15.2 61.0

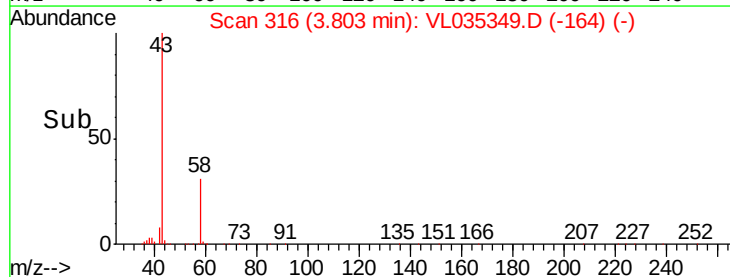
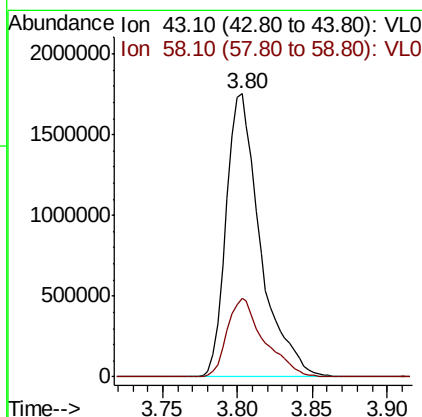
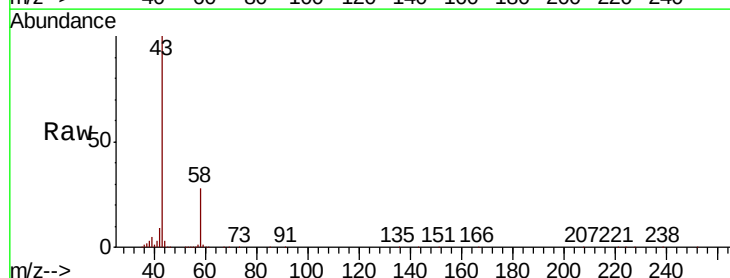
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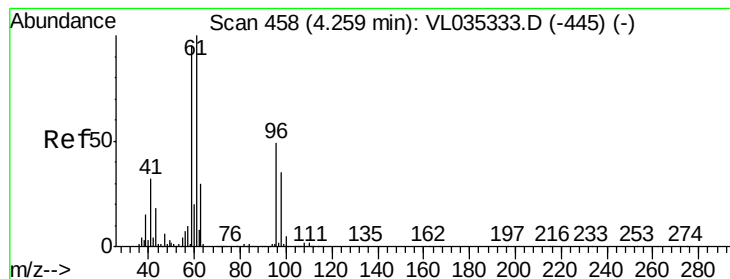
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#15
Acetone
Concen: 14.672 ppbv
RT: 3.80 min Scan# 316
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 43 Resp: 2792836
Ion Ratio Lower Upper
43 100
58 30.3 21.0 31.4





#17

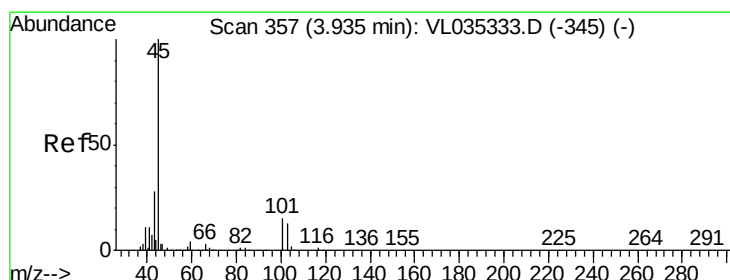
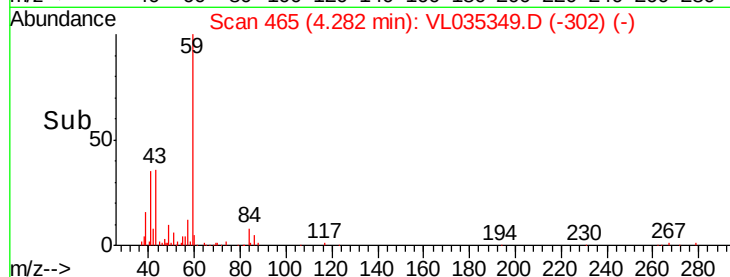
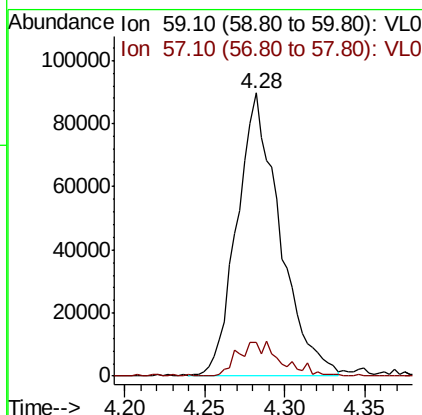
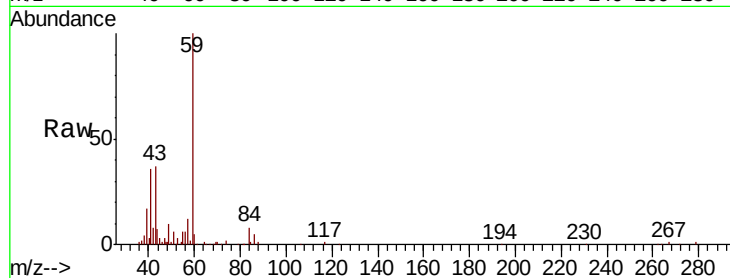
tert-Butyl alcohol
 Concen: 0.941 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. 0.02 min
 Lab File: VL035349.D
 Acq: 6 Aug 2020 14:32

Instrument :
 MSVOA_L
 ClientSampleId :
 2-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.8	13.2

Manual Integrations
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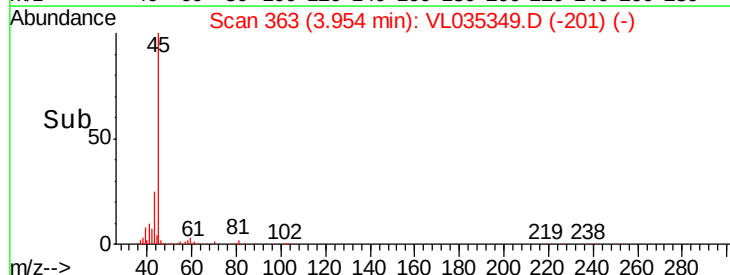
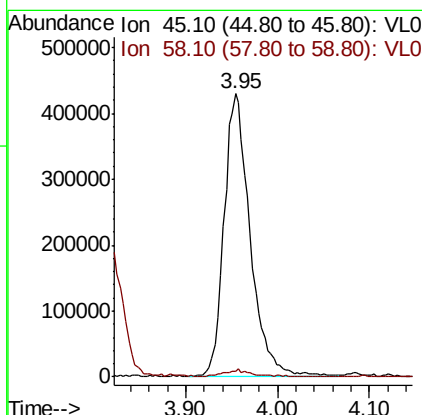
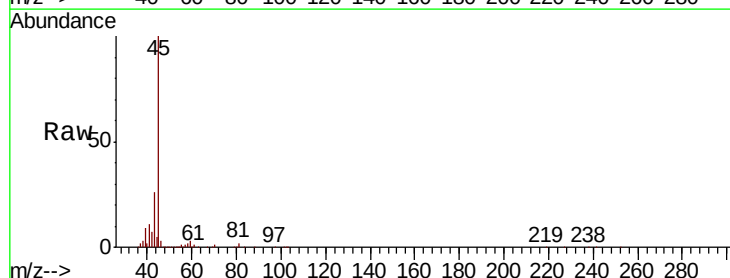
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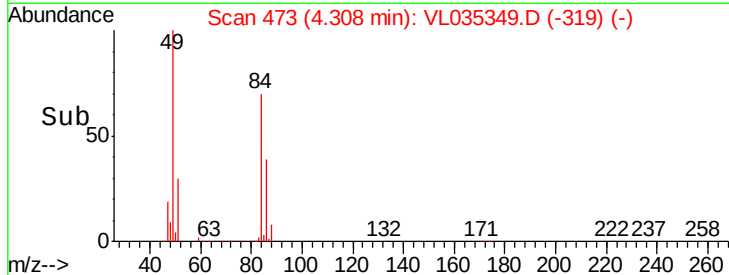
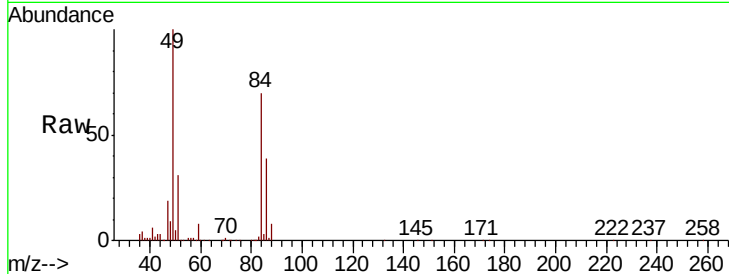
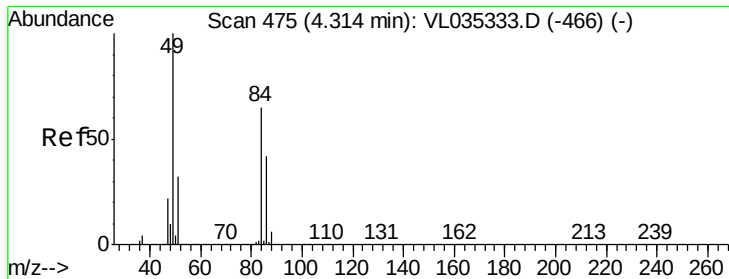


#19

Isopropyl Alcohol
 Concen: 7.067 ppbv m
 RT: 3.95 min Scan# 363
 Delta R.T. 0.02 min
 Lab File: VL035349.D
 Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.9	2.9#





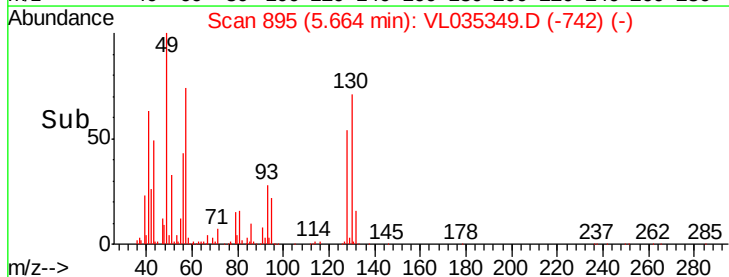
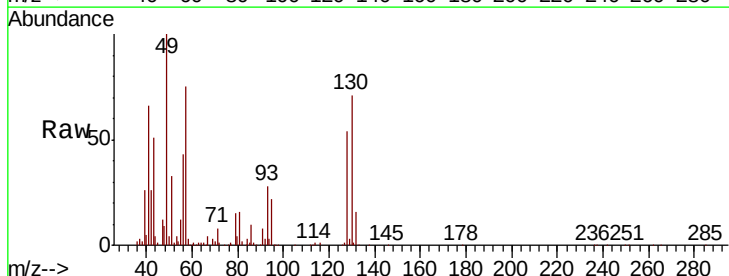
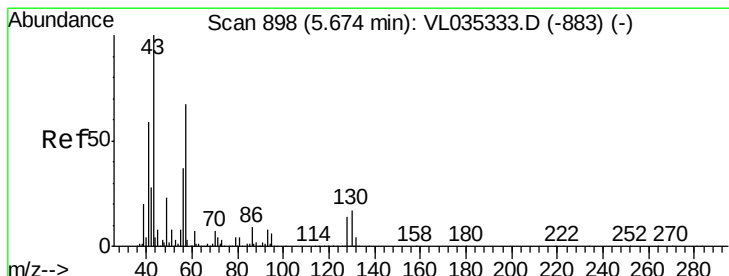
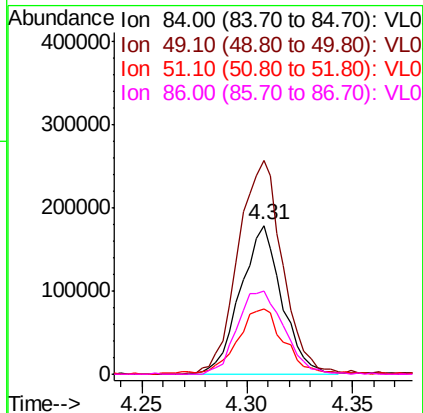
#20
Methvlene Chloride
Concen: 3.133 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tot Ion	84	Resp	243211
Ion Ratio	Lower	Upper	
84	100		
49	142.9	122.8	184.2
51	43.0	40.1	60.1
86	56.0	51.7	77.5

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

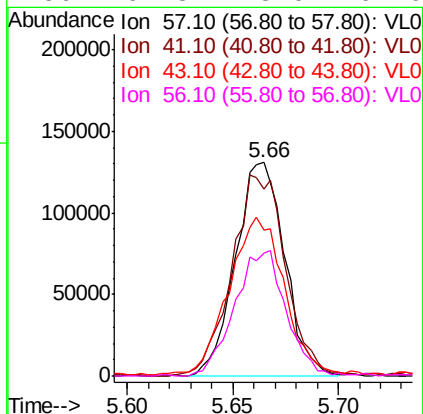
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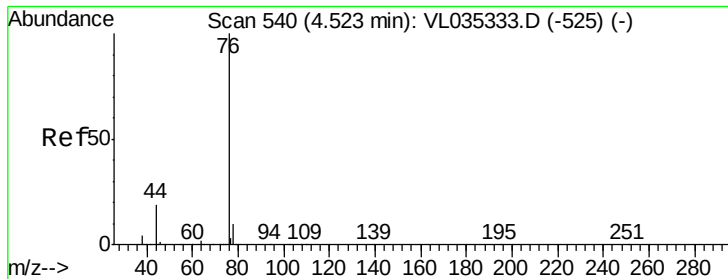
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#26
Hexane
Concen: 1.695 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion	57	Resp	212610
Ion Ratio	Lower	Upper	
57	100		
41	103.3	75.2	112.8
43	85.1	180.6	270.8#
56	61.8	43.0	64.6





#27

Carbon Disulfide

Concen: 9.228 ppbv

RT: 4.51 min Scan# 537

Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Instrument :

MSVOA_L

ClientSampleId :

2-UNDER-GROUND

Tot Ion: 76 Resp: 1618794

Ion Ratio Lower Upper

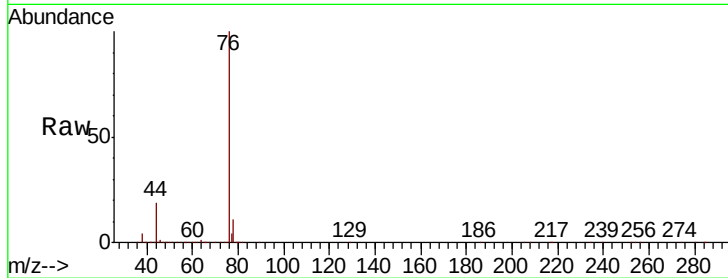
76 100

44 19.1 15.4 23.2

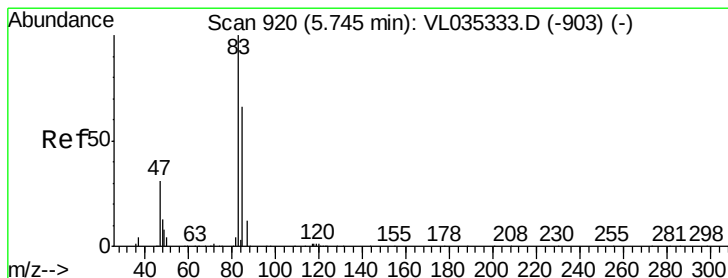
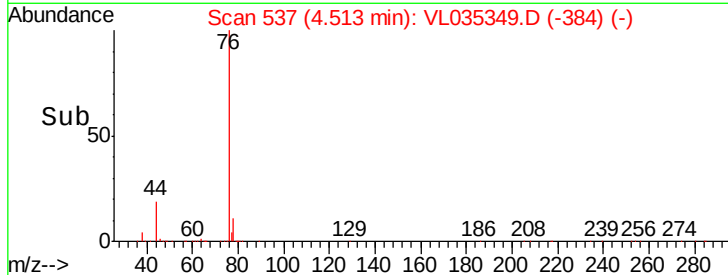
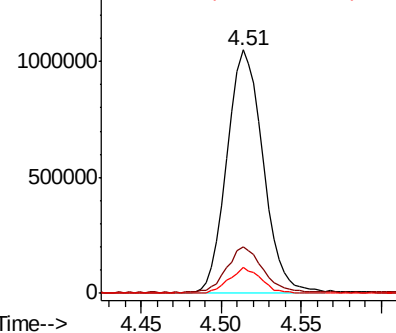
78 9.7 7.7 11.5

Manual Integrations
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Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.939 ppbv

RT: 5.73 min Scan# 916

Delta R.T. -0.01 min

Lab File: VL035349.D

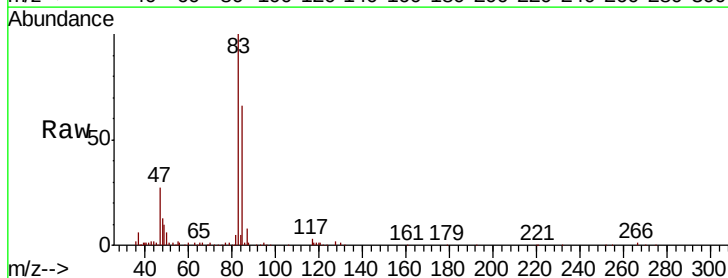
Acq: 6 Aug 2020 14:32

Tgt Ion: 83 Resp: 203067

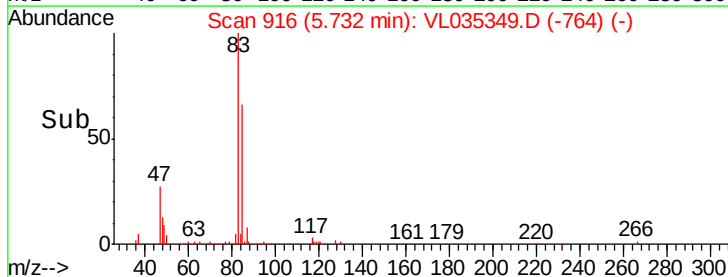
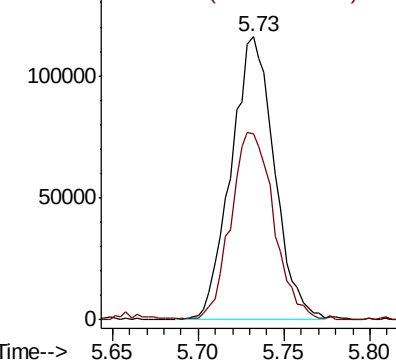
Ion Ratio Lower Upper

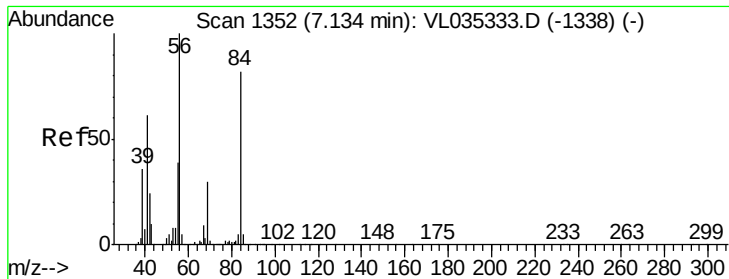
83 100

85 65.8 52.9 79.3



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0





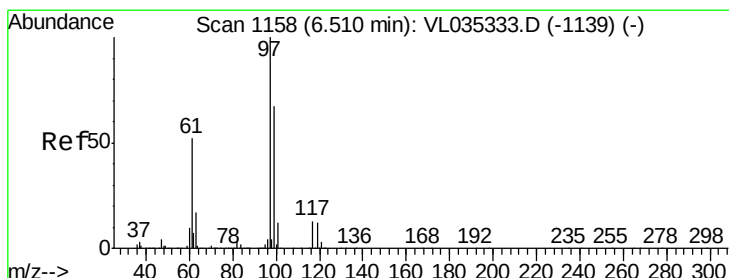
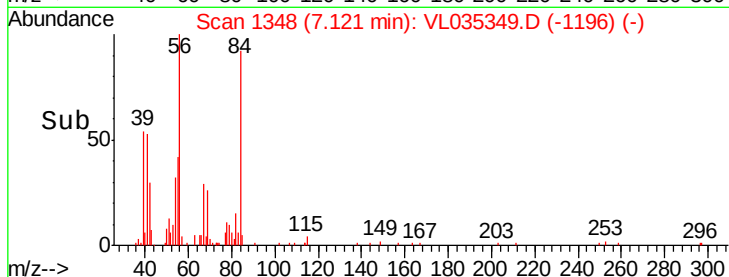
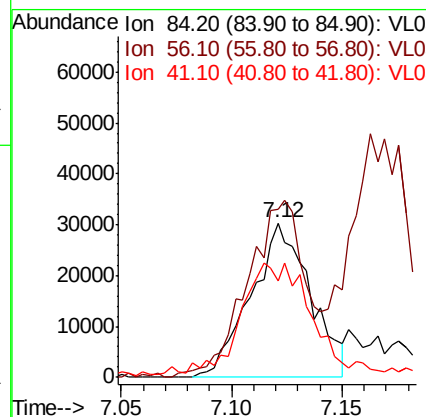
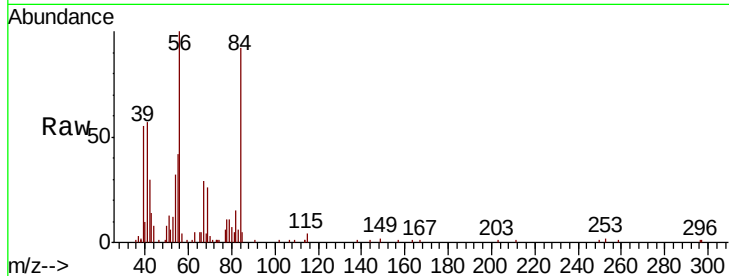
#30
Cyclohexane
Concen: 0.594 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
84	100		
56	116.6	104.7	157.1
41	87.9	64.2	96.2

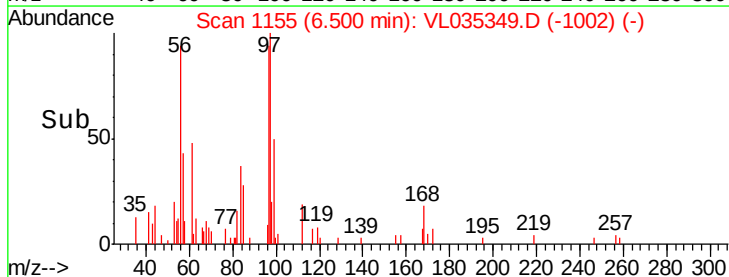
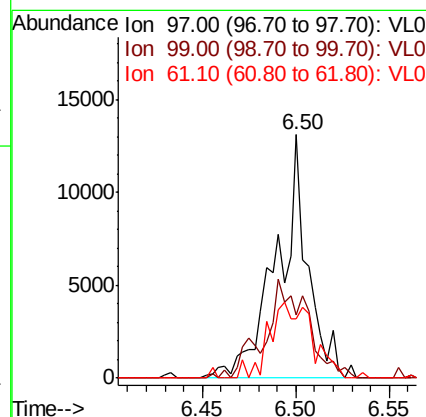
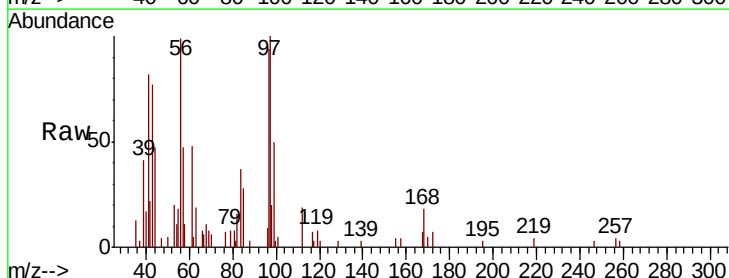
Manual Integrations
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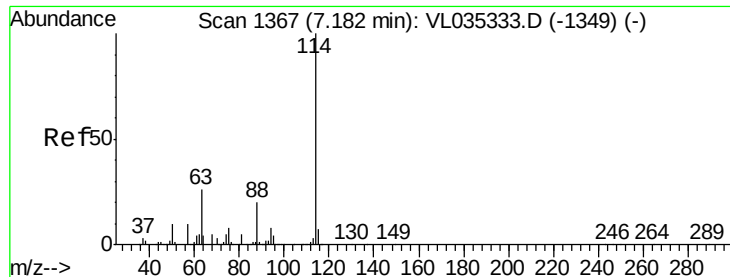
MMDadoda
8/10/2020 10:43:14 AM



#32
1,1,1-Trichloroethane
Concen: 0.066 ppbv m
RT: 6.50 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.4#
61	0.0	40.9	61.3#





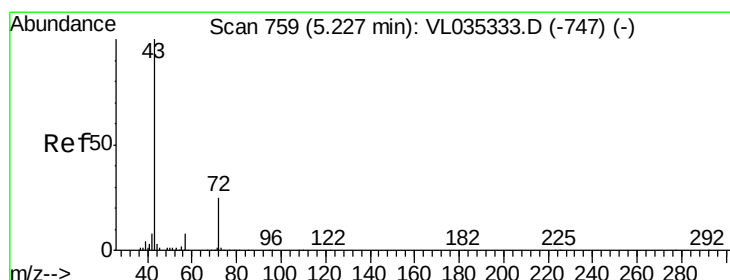
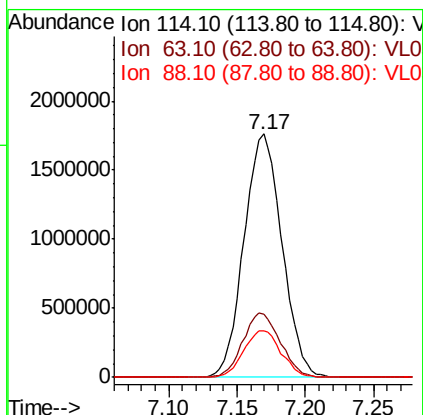
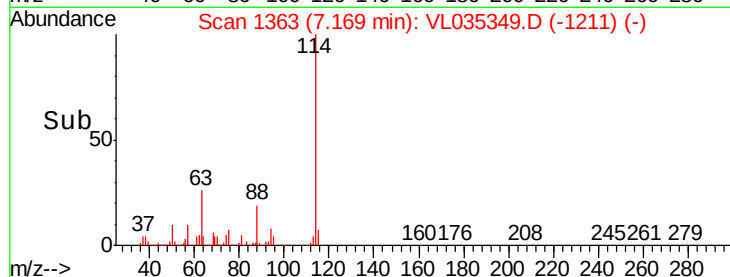
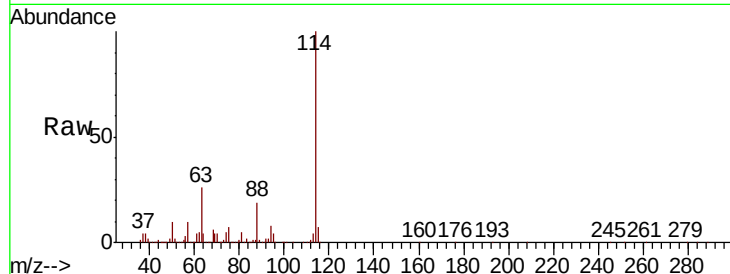
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL035349.D
 Acq: 6 Aug 2020 14:32

Instrument :
 MSVOA_L
 ClientSampleId :
 2-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.0	21.3	31.9
88	19.1	15.3	22.9

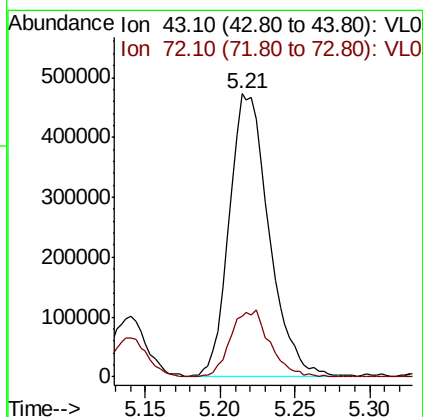
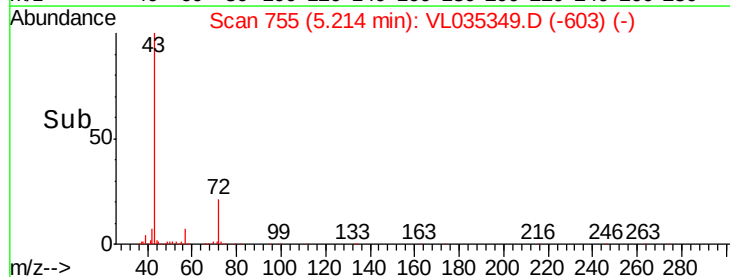
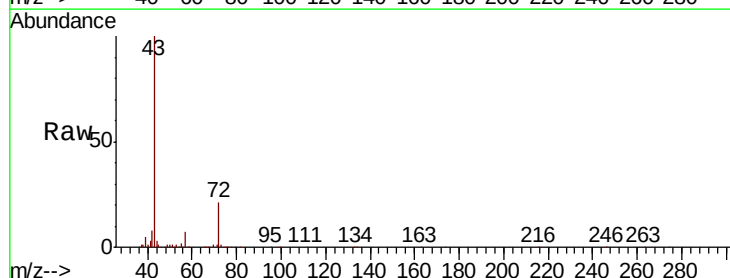
Manual Integrations
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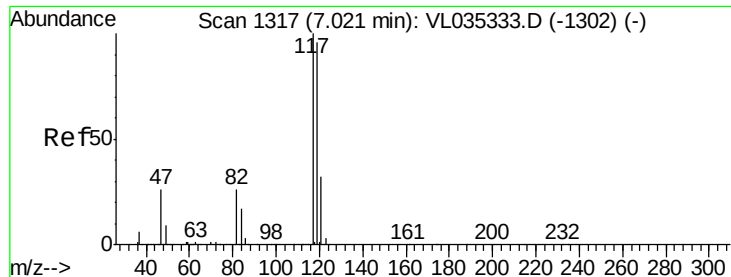
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 8/10/2020 10:43:14 AM



#34
 2-Butanone
 Concen: 5.197 ppbv
 RT: 5.21 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: VL035349.D
 Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.9	28.3





#35

Carbon Tetrachloride

Concen: 0.074 ppbv m

RT: 7.01 min Scan# 1312

Delta R.T. -0.02 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Instrument :

MSVOA_L

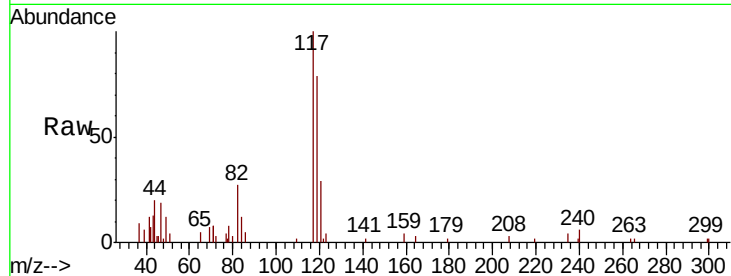
ClientSampleId :

2-UNDER-GROUND

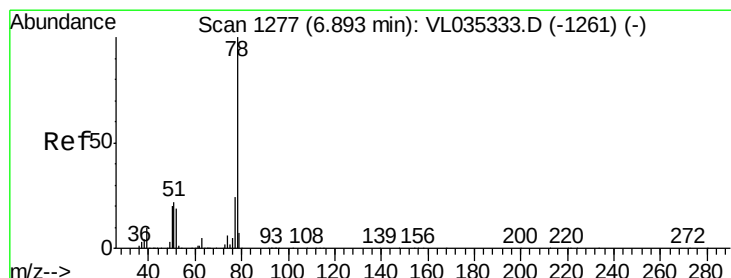
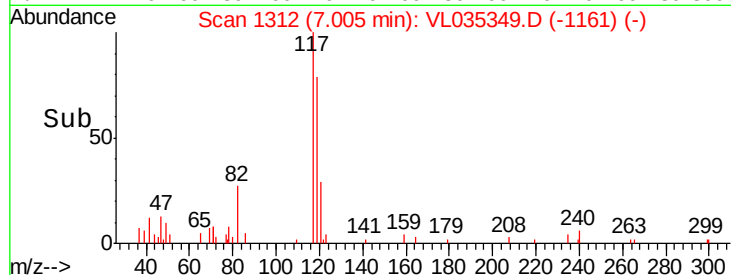
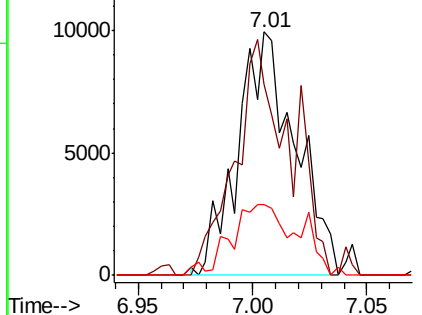
Tot Ion:	117	Resp:	17270
Ion	Ratio	Lower	Upper
117	100		
119	78.8	77.0	115.6
121	28.8	26.0	39.0

Manual Integrations
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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



#36

Benzene

Concen: 0.678 ppbv

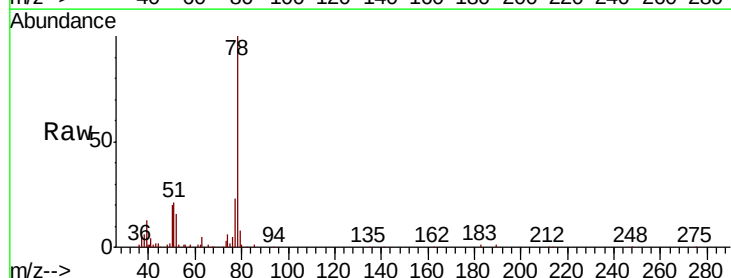
RT: 6.88 min Scan# 1273

Delta R.T. -0.01 min

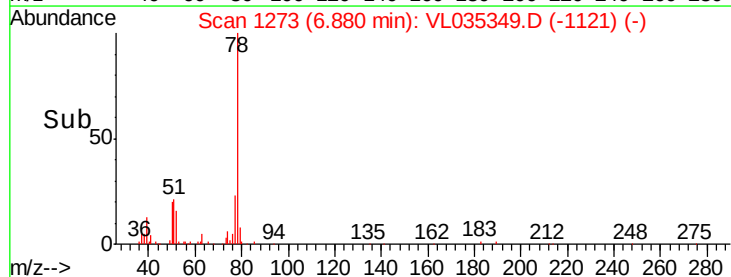
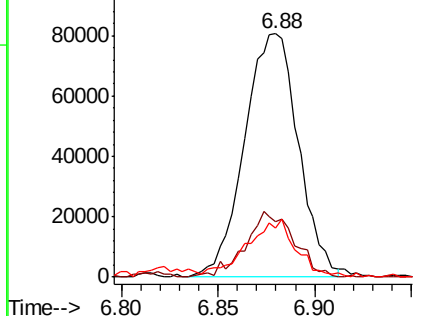
Lab File: VL035349.D

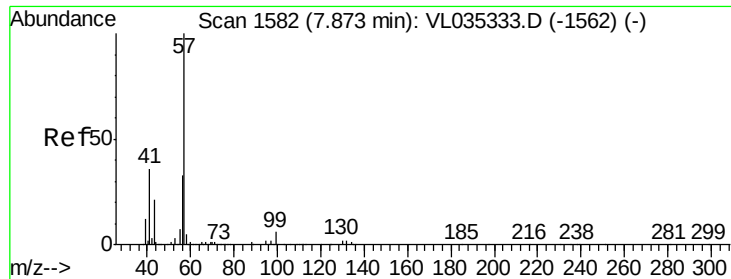
Acq: 6 Aug 2020 14:32

Tgt Ion:	78	Resp:	155897
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9
50	18.6	16.3	24.5



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





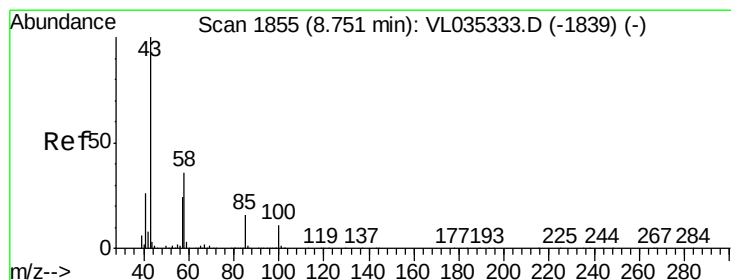
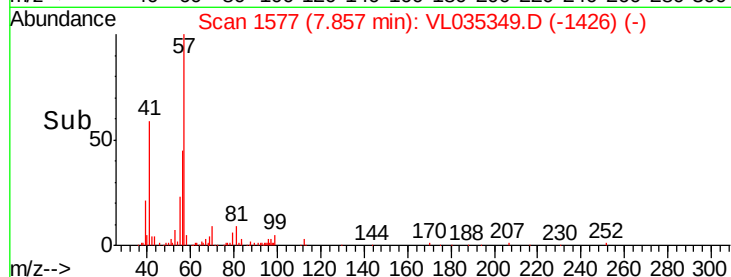
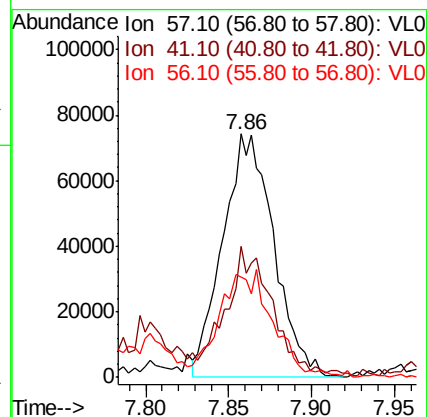
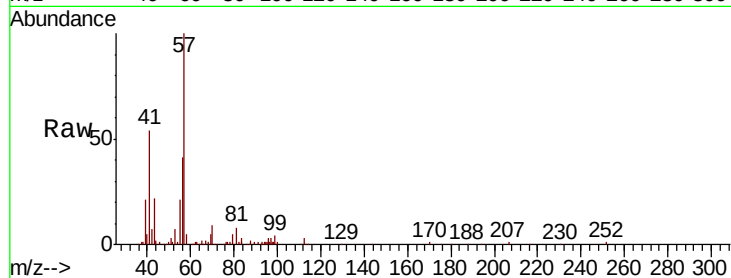
#44
 2,2,4-Trimethylpentane
 Concen: 0.389 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: VL035349.D
 Acq: 6 Aug 2020 14:32

Instrument :
 MSVOA_L
 ClientSampleId :
 2-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
57	100		
41	47.5	27.9	41.9#
56	46.7	25.4	38.0#

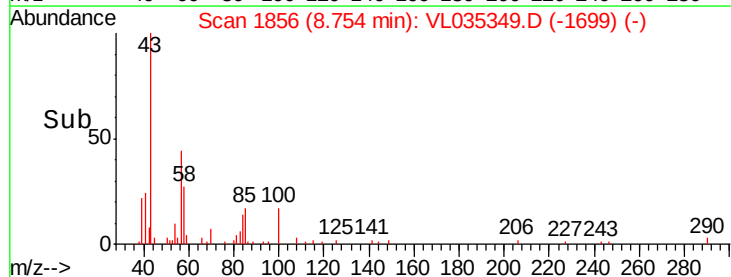
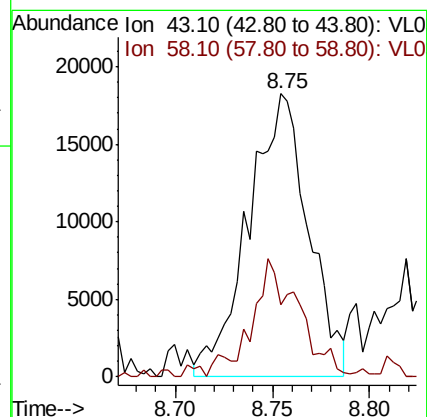
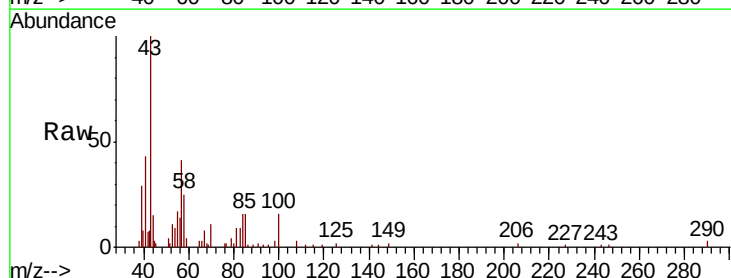
Manual Integrations
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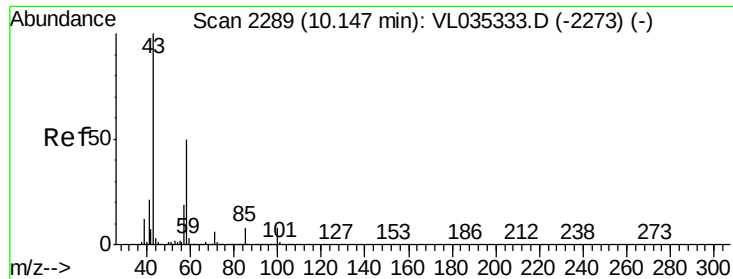
MMDadoda
 8/10/2020 10:43:14 AM



#50
 4-Methyl-2-Pentanone
 Concen: 0.153 ppbv m
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: VL035349.D
 Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.6	29.2	43.8





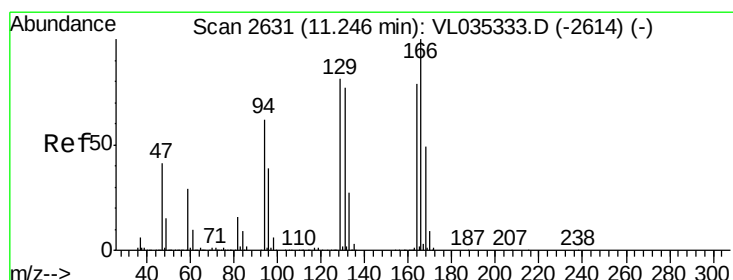
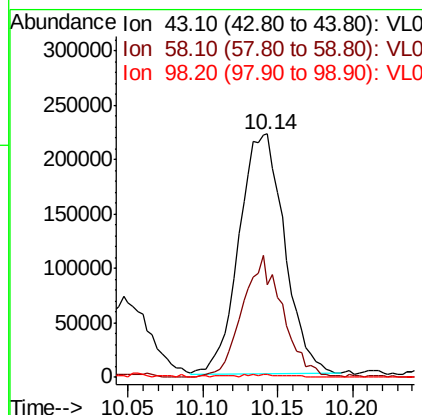
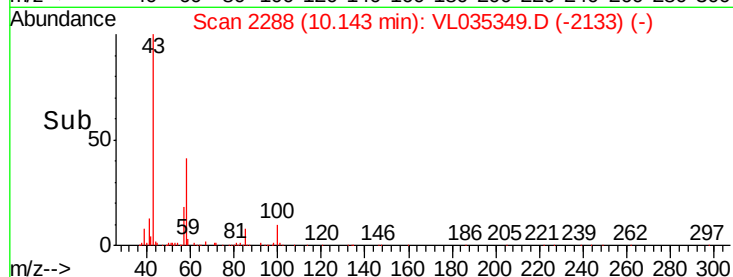
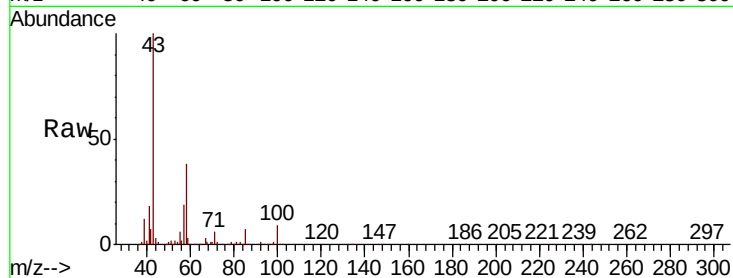
#51
2-Hexanone
Concen: 2.328 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. -0.00 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
43	100		
58	46.0	39.4	59.2
98	1.6	0.2	0.4

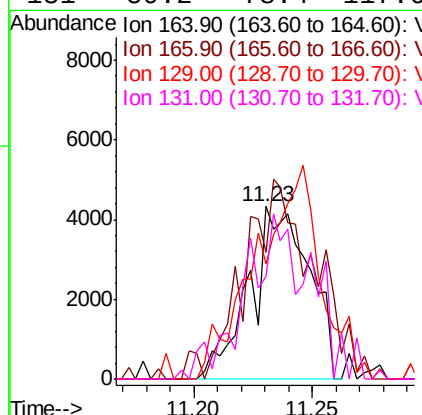
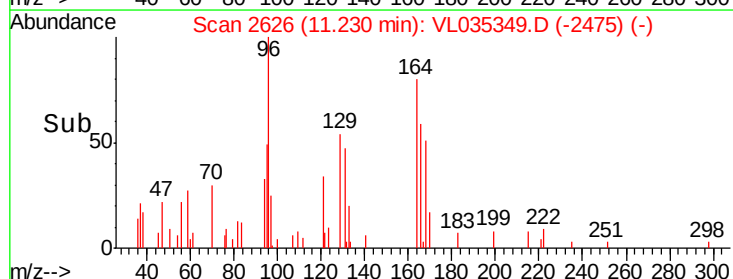
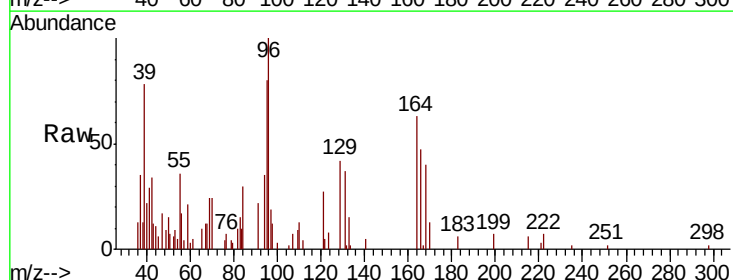
Manual Integrations
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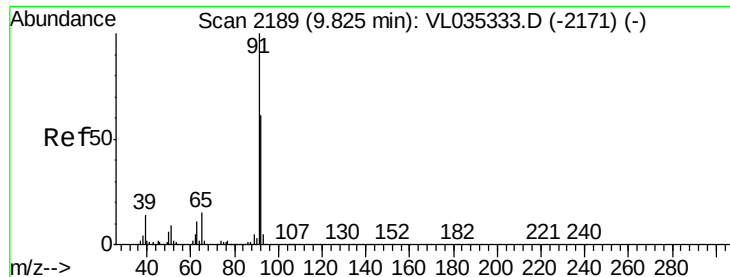
MMDadoda
8/10/2020 10:43:14 AM



#52
Tetrachloroethene
Concen: 0.084 ppbv m
RT: 11.23 min Scan# 2626
Delta R.T. -0.02 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	73.9	101.4	152.0
129	67.0	82.1	123.1
131	59.2	78.4	117.6





#53

Toluene

Concen: 7.375 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Instrument :

MSVOA_L

ClientSampleId :

2-UNDER-GROUND

Tot Ion: 91 Resp: 1844969

Ion Ratio Lower Upper

91 100

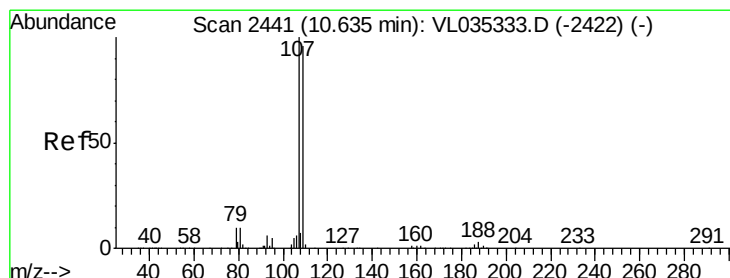
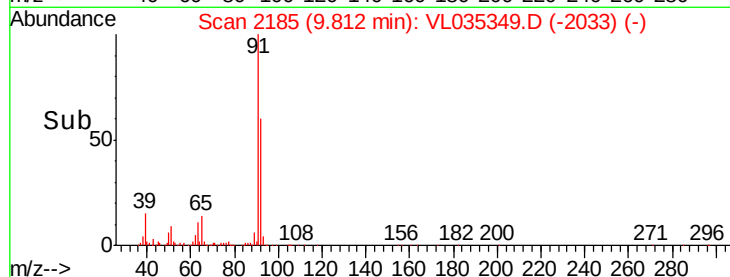
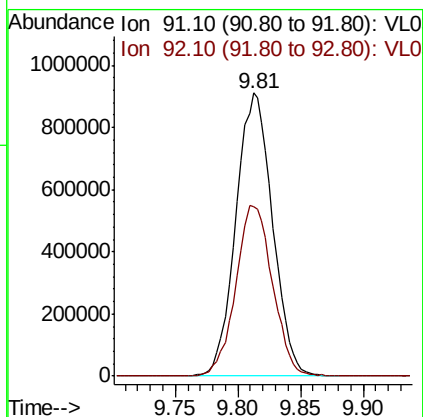
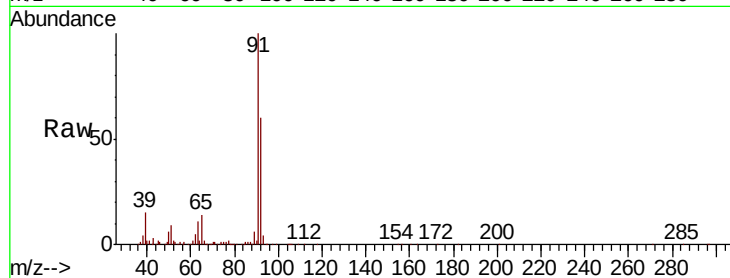
92 60.7 48.5 72.7

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 0.419 ppbv m

RT: 10.60 min Scan# 2431

Delta R.T. -0.03 min

Lab File: VL035349.D

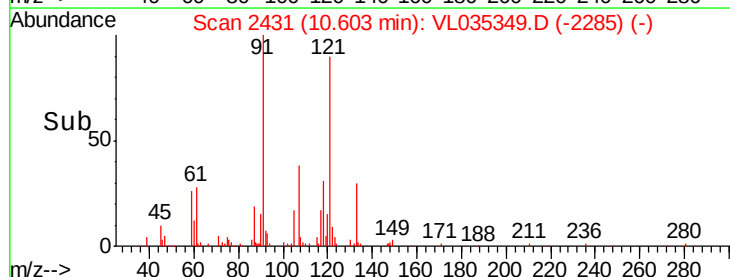
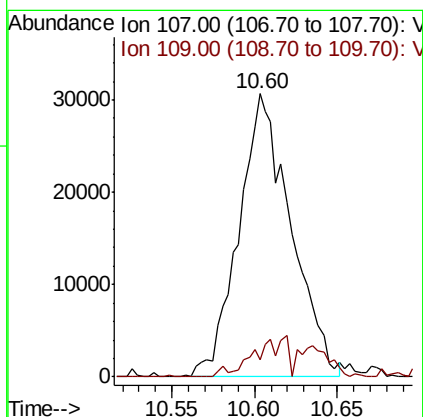
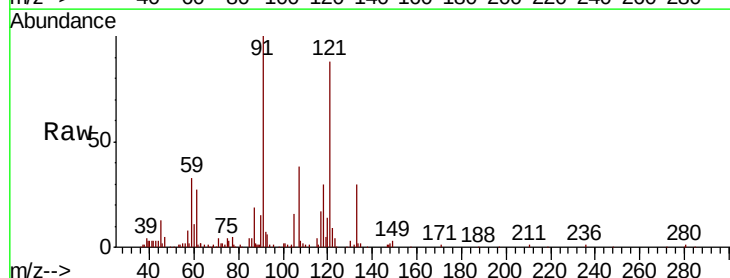
Acq: 6 Aug 2020 14:32

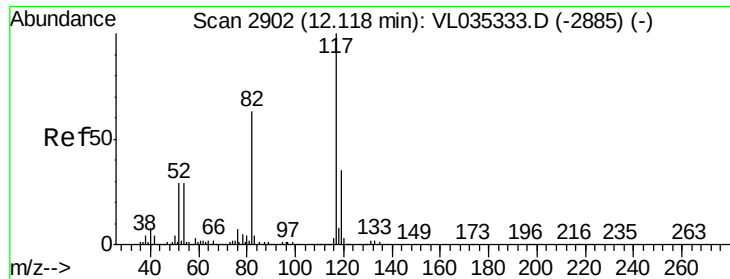
Tgt Ion: 107 Resp: 67324

Ion Ratio Lower Upper

107 100

109 6.0 76.8 115.2#





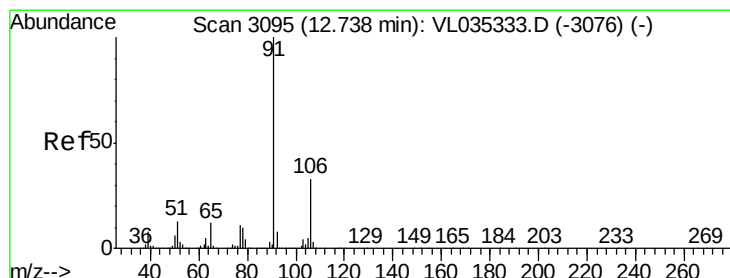
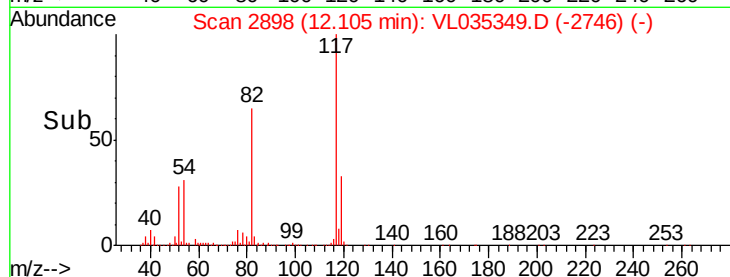
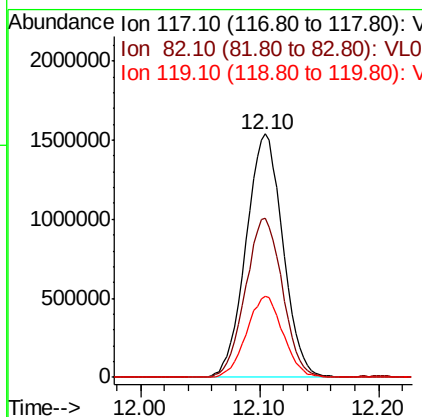
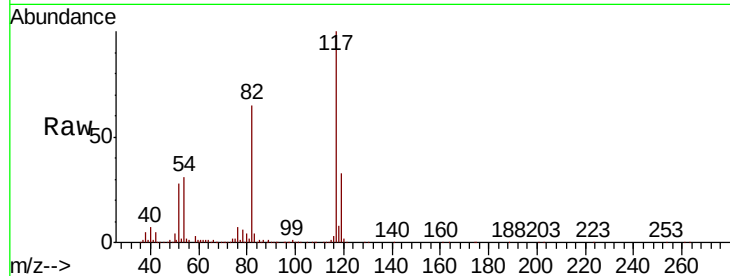
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.6	51.0	76.4
119	33.0	24.7	37.1

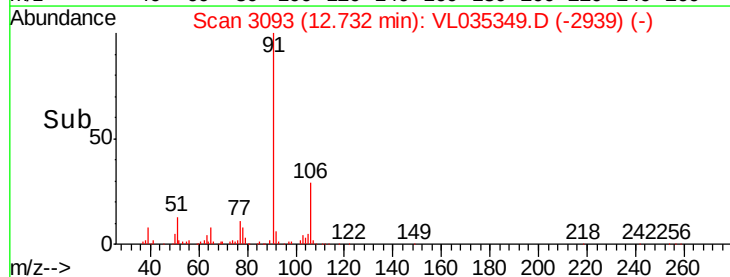
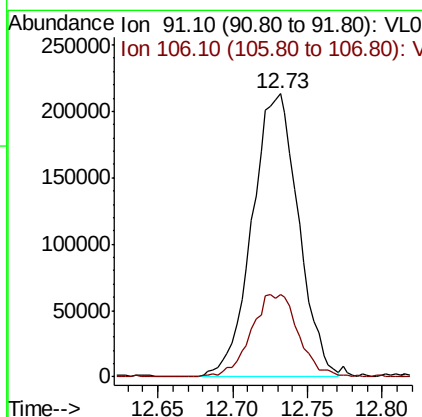
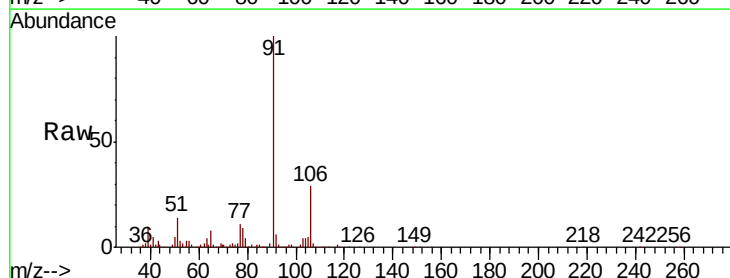
Manual Integrations
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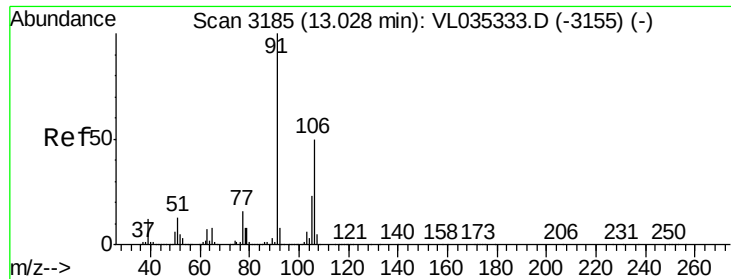
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#58
Ethyl Benzene
Concen: 1.334 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.1	26.8	40.2





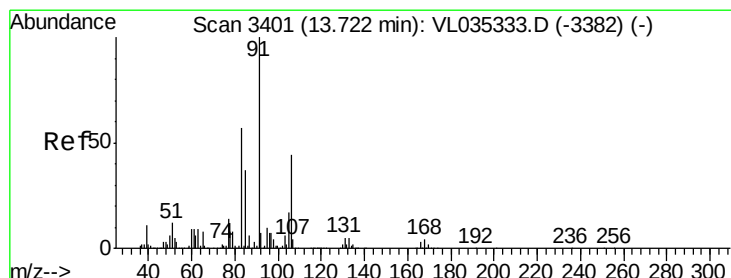
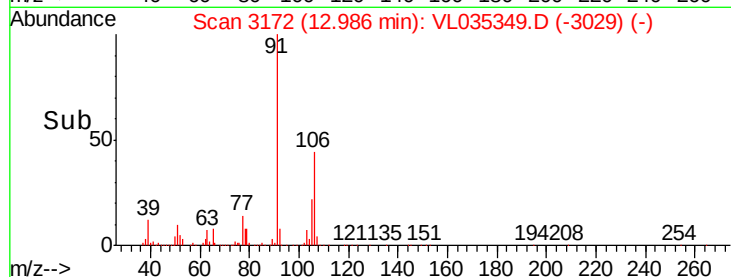
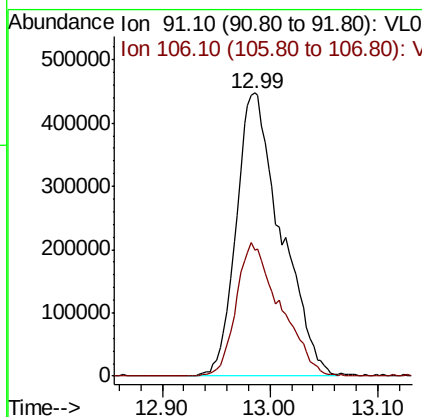
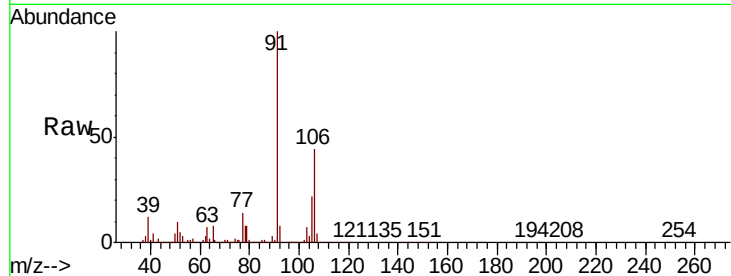
#59
m/p-Xylene
Concen: 4.036 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.04 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

Tot Ion: 91 Resp: 1292790
Ion Ratio Lower Upper
91 100
106 46.4 37.8 56.8

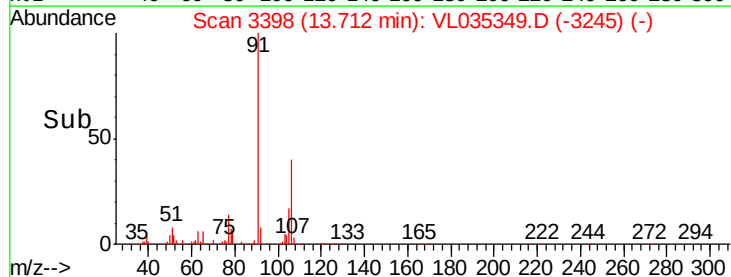
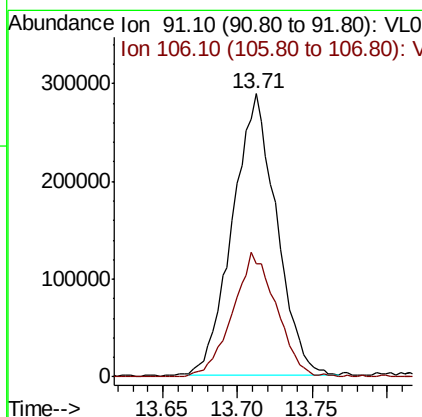
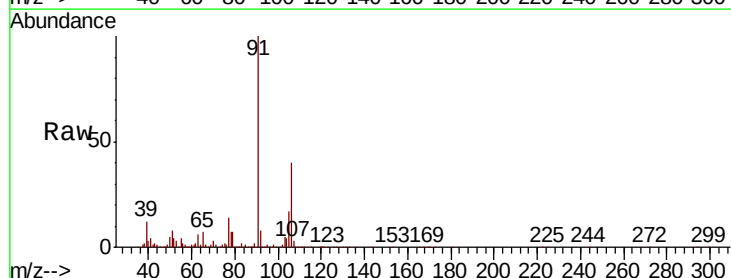
Manual Integrations
APPROVED

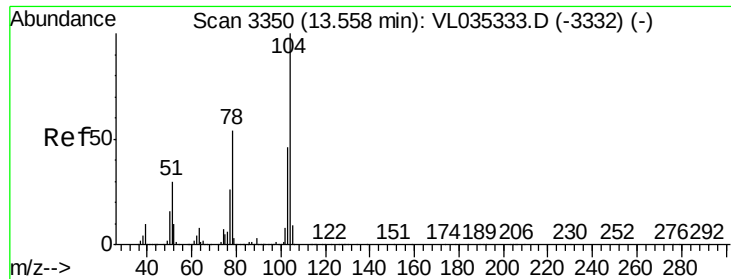
MMDadoda
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#60
o-Xylene
Concen: 1.859 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 91 Resp: 590938
Ion Ratio Lower Upper
91 100
106 44.0 22.7 68.0





#61

Stvrene

Concen: 0.307 ppbv m

RT: 13.55 min Scan# 3346

Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Instrument :

MSVOA_L

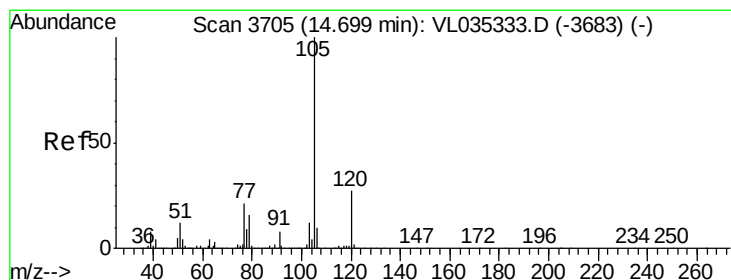
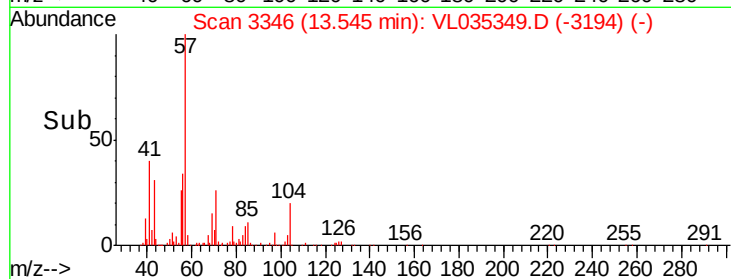
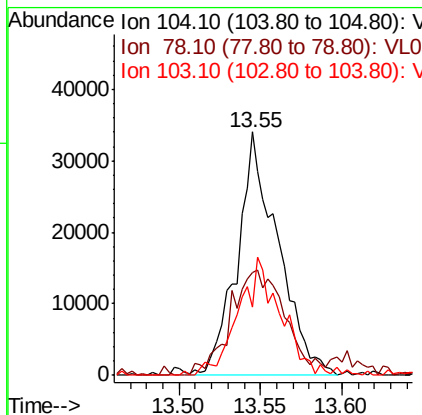
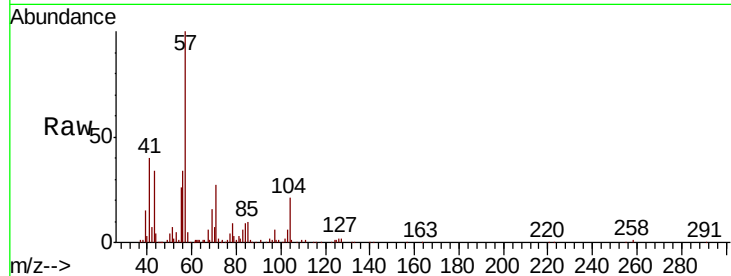
ClientSampleId :

2-UNDER-GROUND

Tot Ion:	104	Resp:	59675
Ion Ratio	Lower	Upper	
104	100		
78	63.9	42.6	63.8#
103	49.7	38.1	57.1

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#62

Isopropylbenzene

Concen: 0.239 ppbv m

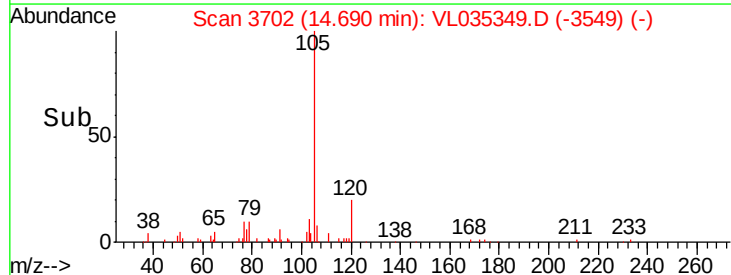
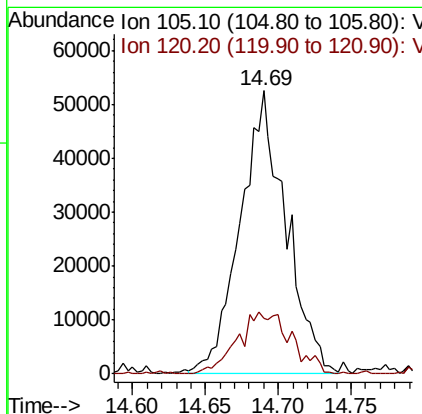
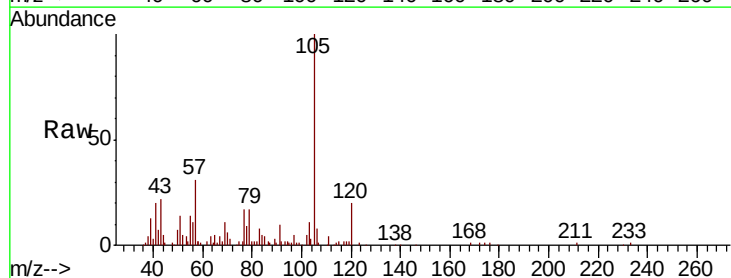
RT: 14.69 min Scan# 3702

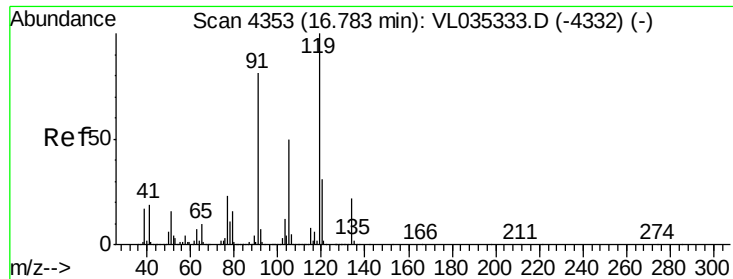
Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Tgt Ion:	105	Resp:	114334
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.1	31.7





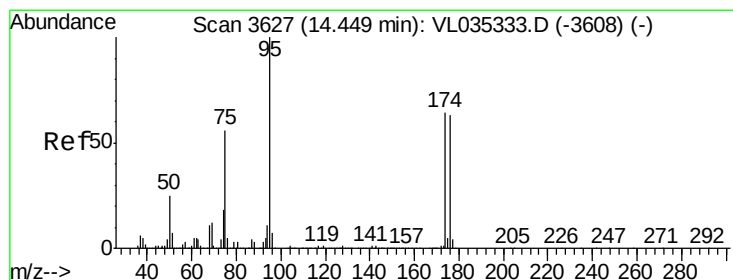
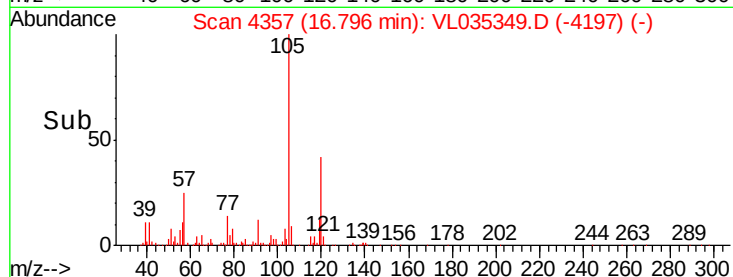
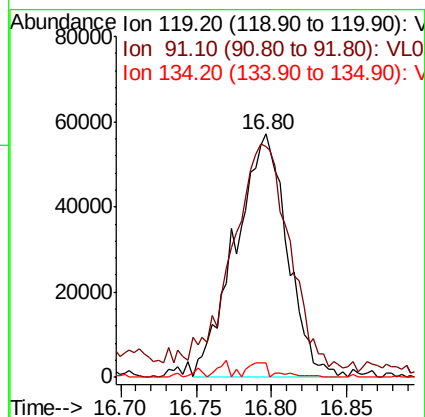
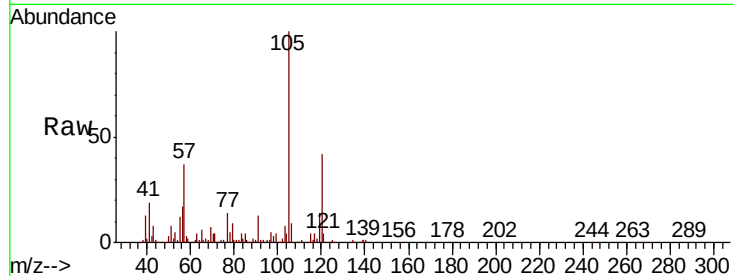
#65
tert-Butylbenzene
Concen: 0.311 ppbv m
RT: 16.80 min Scan# 4357
Delta R.T. 0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

Tot Ion	Ratio	Resp	Lower	Upper
119	100	136515		
91	0.0	66.3	99.5#	
134	5.6	16.2	24.2#	

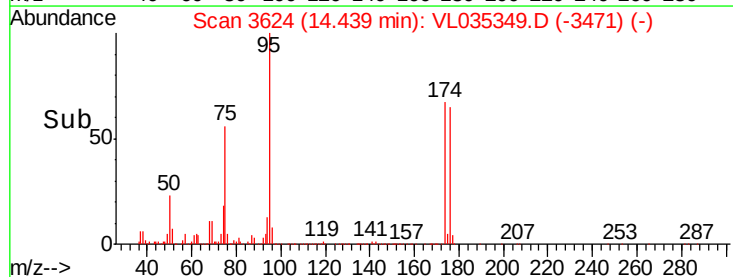
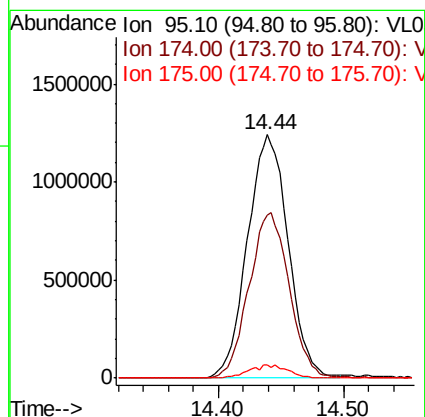
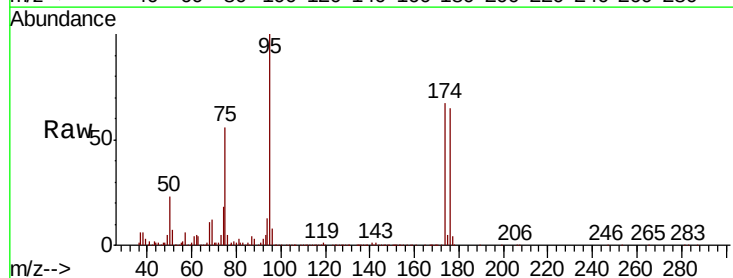
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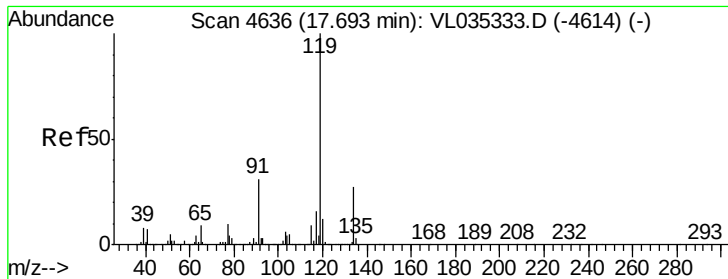
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.127 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	2791950		
174	67.9	53.5	80.3	
175	5.3	4.2	6.2	





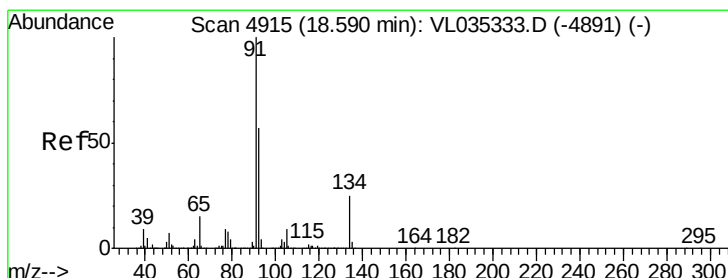
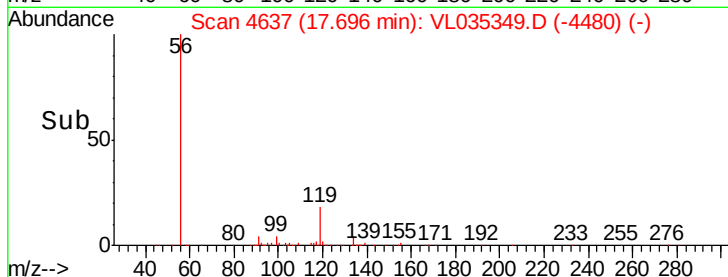
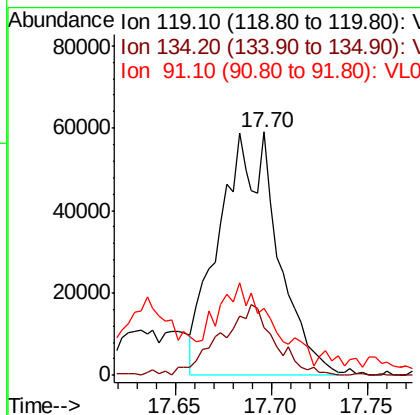
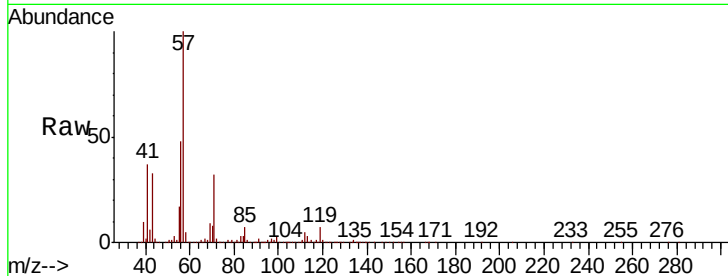
#69
 p-Isopropyltoluene
 Concen: 0.246 ppbv m
 RT: 17.70 min Scan# 4637
 Delta R.T. 0.00 min
 Lab File: VL035349.D
 Acq: 6 Aug 2020 14:32

Instrument :
 MSVOA_L
 ClientSampleId :
 2-UNDER-GROUND

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	0.0	21.1	31.7#
91	43.8	24.5	36.7#

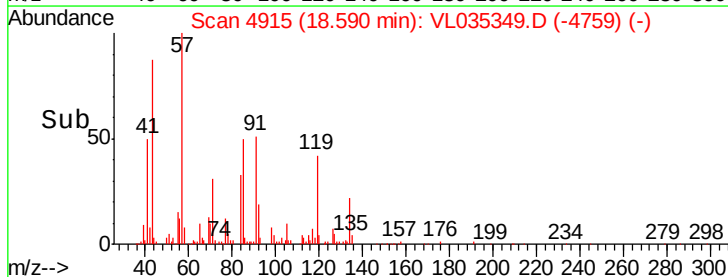
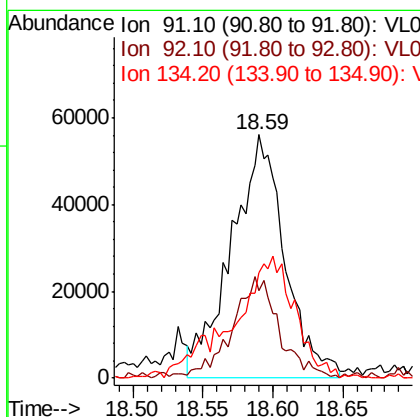
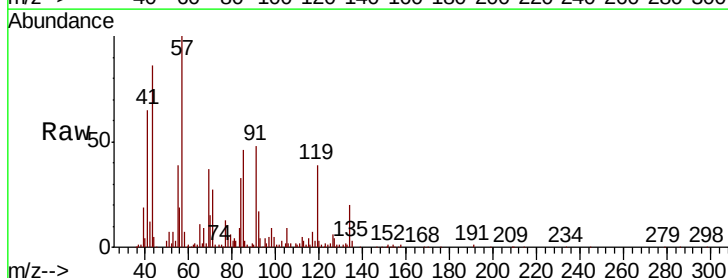
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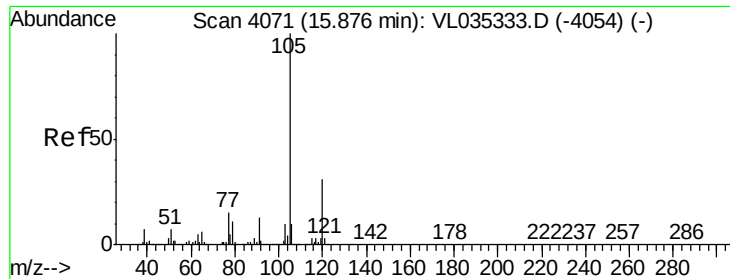
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#70
 n-Butylbenzene
 Concen: 0.276 ppbv m
 RT: 18.59 min Scan# 4915
 Delta R.T. 0.00 min
 Lab File: VL035349.D
 Acq: 6 Aug 2020 14:32

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





#72

4-Ethyltoluene

Concen: 0.773 ppbv

RT: 15.87 min Scan# 4068

Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Instrument :

MSVOA_L

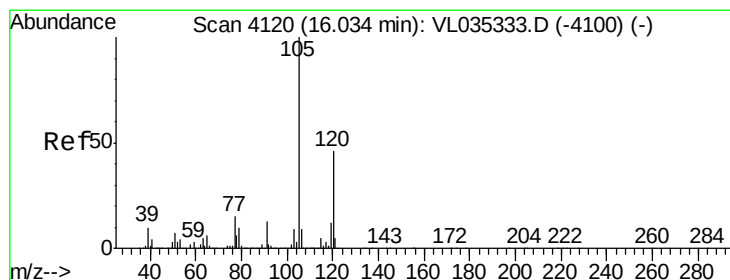
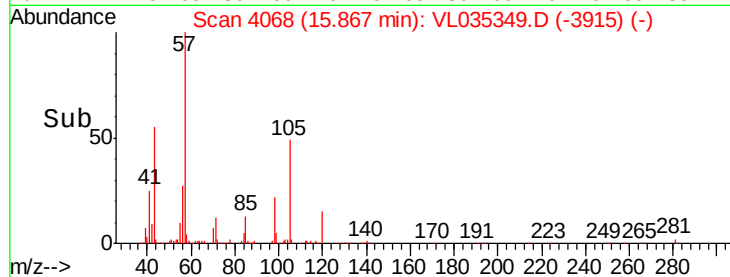
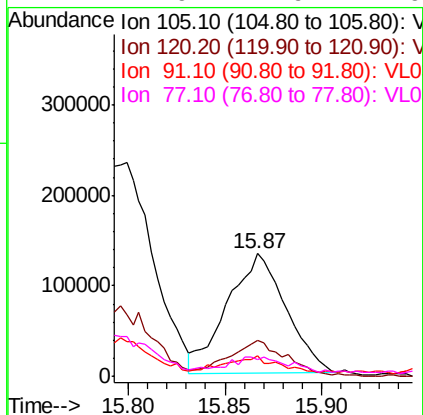
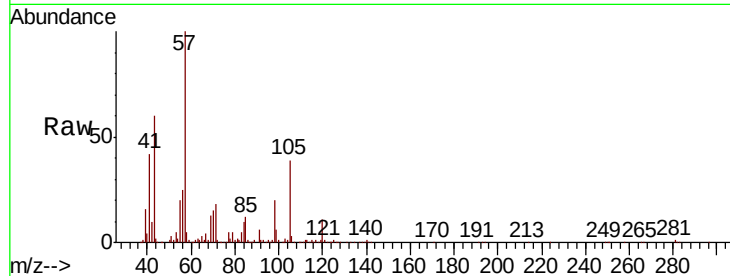
ClientSampleId :

2-UNDER-GROUND

Tot Ion	Ratio	Resp	Lower	Upper
105	100	280038		
120	30.2		24.0	36.0
91	15.2		10.8	16.2
77	12.9		11.9	17.9

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#73

1,3,5-Trimethylbenzene

Concen: 0.859 ppbv

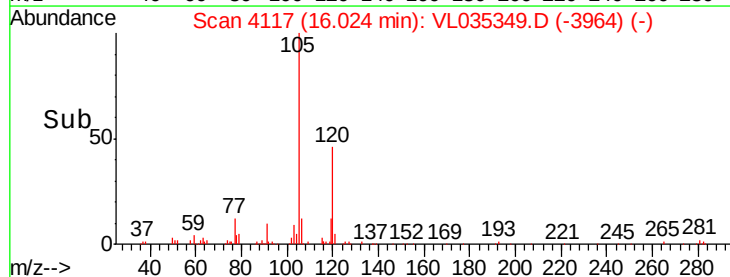
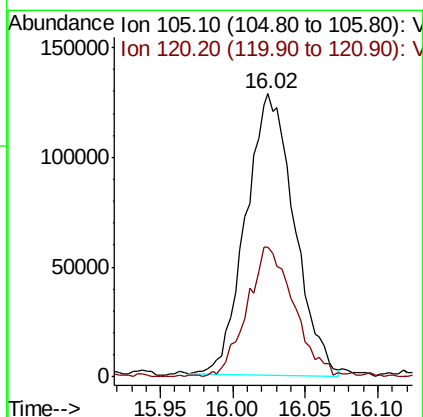
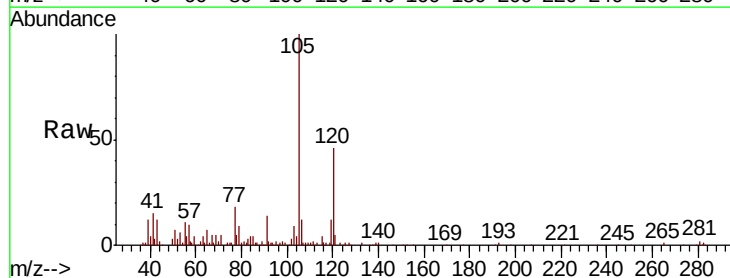
RT: 16.02 min Scan# 4117

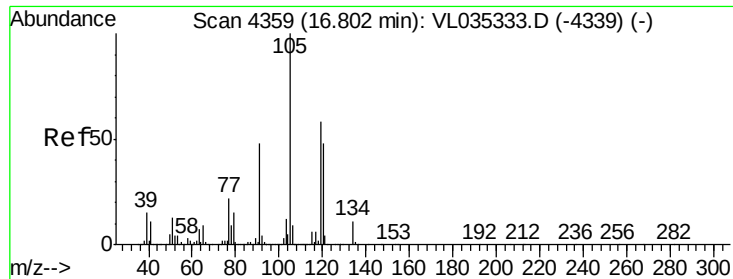
Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	298787		
120	45.8		36.9	55.3





#74

1,2,4-Trimethylbenzene

Concen: 2.411 ppbv

RT: 16.80 min Scan# 4357

Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Instrument :

MSVOA_L

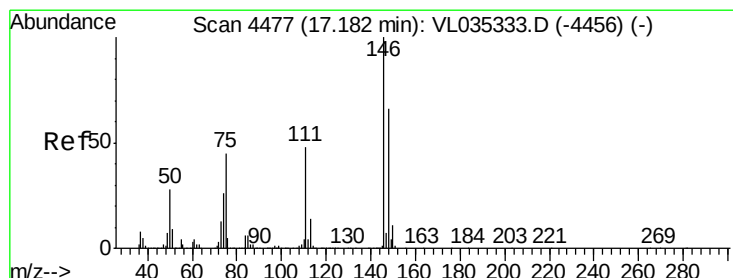
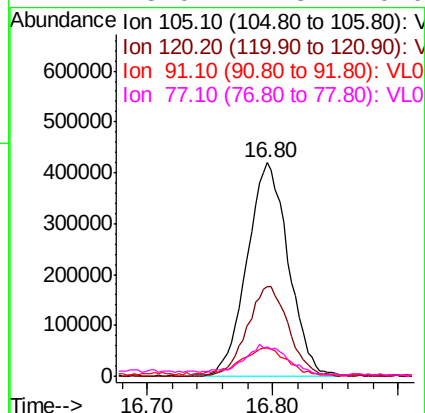
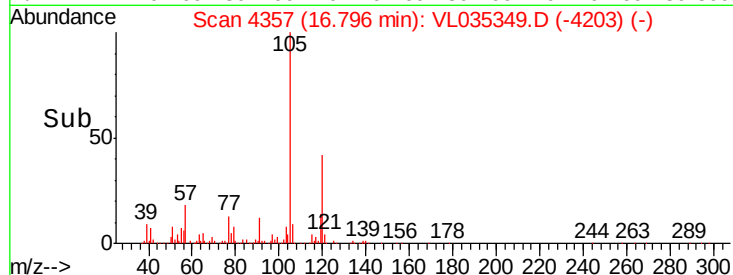
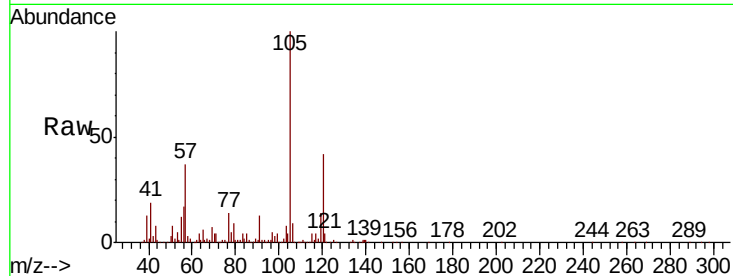
ClientSampleId :

2-UNDER-GROUND

Tot Ion:	105	Resp:	958121
Ion Ratio	Lower	Upper	
105	100		
120	42.2	38.5	57.7
91	12.1	39.0	58.6#
77	13.0	17.8	26.6#

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#76

1,4-Dichlorobenzene

Concen: 0.661 ppbv m

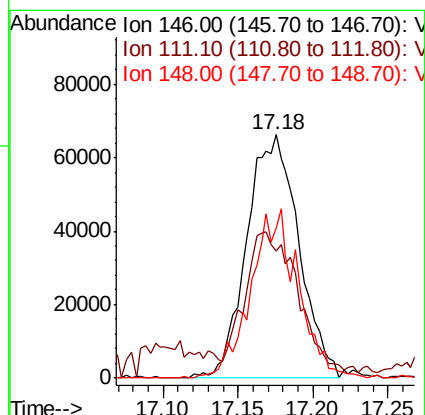
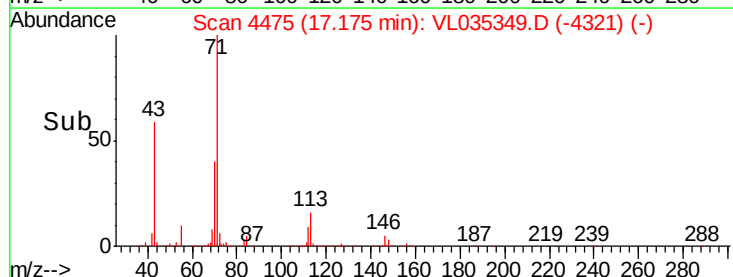
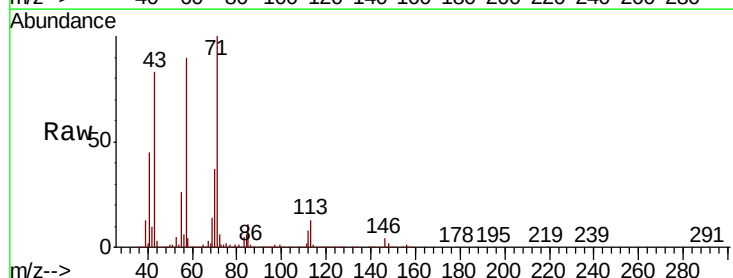
RT: 17.18 min Scan# 4475

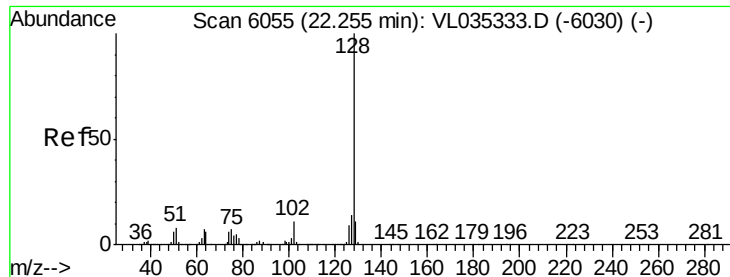
Delta R.T. -0.01 min

Lab File: VL035349.D

Acq: 6 Aug 2020 14:32

Tgt Ion:	146	Resp:	159112
Ion Ratio	Lower	Upper	
146	100		
111	59.6	23.3	69.9
148	0.0	32.1	96.5#





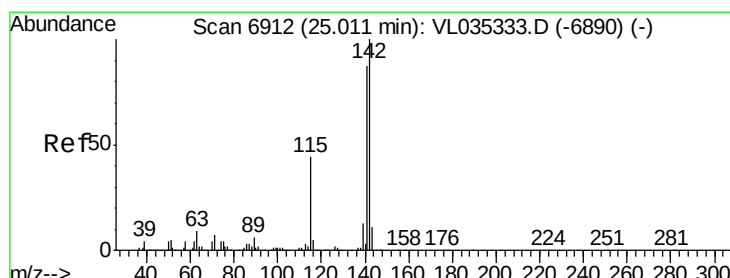
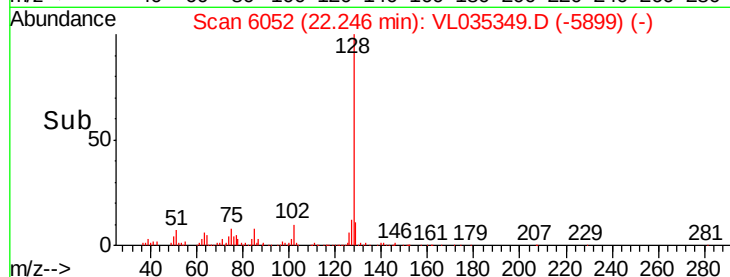
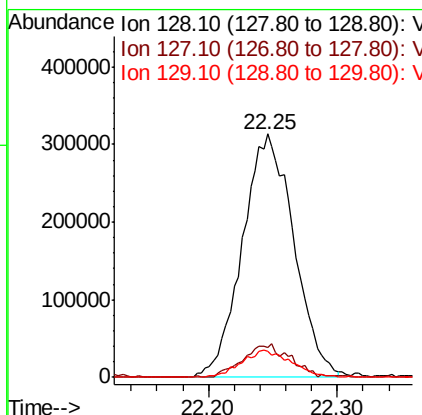
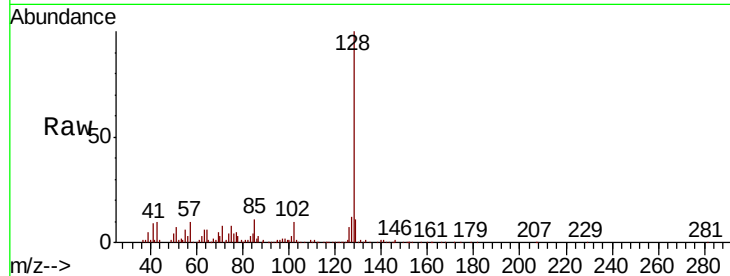
#79
Naphthalene
Concen: 2.818 ppbv
RT: 22.25 min Scan# 6052
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
2-UNDER-GROUND

Tot Ion	Ratio	Resp	Lower	Upper
128	100	861462		
127	11.9		11.1	16.7
129	10.7		8.7	13.1

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#80
Naphthalene, 2-methyl-
Concen: 1.374 ppbv
RT: 25.00 min Scan# 6908
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	95560		
141	88.3		69.0	103.6
115	42.5		35.5	53.3

