

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034753.D
 Acq On : 29 Feb 2020 1:48
 Operator : SY/AP
 Sample : L1698-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8-4

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 1:02:17 PM

Quant Time: Mar 02 12:28:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1030462	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2155951	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2233861	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1866190	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	91146	0.561	ppbv	90
3) Chlorodifluoromethane	2.95	51	37473m	0.337	ppbv	
4) Chloromethane	3.11	50	39275	0.631	ppbv	94
9) Propene	2.99	41	209420	4.505	ppbv #	75
10) Heptane	8.14	43	228685m	1.911	ppbv	
11) Trichlorofluoromethane	3.93	101	38671	0.272	ppbv	94
13) Ethanol	3.58	45	748125	50.945	ppbv	95
15) Acetone	3.82	43	1499534	12.770	ppbv #	77
17) tert-Butyl alcohol	4.29	59	39809m	0.442	ppbv	
19) Isopropyl Alcohol	3.95	45	912475	13.046	ppbv #	1
20) Methylene Chloride	4.33	84	191866	4.393	ppbv	95
23) Vinyl Acetate	5.06	43	440419	2.759	ppbv #	94
26) Hexane	5.68	57	322873	3.370	ppbv #	46
29) Chloroform	5.75	83	16193	0.106	ppbv	83
30) Cyclohexane	7.14	84	46527	0.627	ppbv #	91
31) cis-1,2-Dichloroethene	5.55	61	16819	0.178	ppbv #	79
34) 2-Butanone	5.24	43	549555	4.050	ppbv	98
35) Carbon Tetrachloride	7.03	117	11465m	0.079	ppbv	
36) Benzene	6.90	78	171380	0.920	ppbv	94
38) Trichloroethene	7.84	130	63415m	0.884	ppbv	
41) Tetrahydrofuran	6.06	42	40559m	0.566	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	246781	0.758	ppbv #	80
50) 4-Methyl-2-Pentanone	8.76	43	162557m	0.846	ppbv	
52) Tetrachloroethene	11.25	164	1357746	19.892	ppbv	97
53) Toluene	9.83	91	1287677	6.502	ppbv	99
58) Ethyl Benzene	12.74	91	338693	1.253	ppbv	96
59) m/p-Xylene	13.00	91	996732	4.228	ppbv	98
60) o-Xylene	13.73	91	352959m	1.509	ppbv	
61) Styrene	13.57	104	25435m	0.169	ppbv	
64) n-propylbenzene	15.60	120	22521m	0.256	ppbv	
72) 4-Ethyltoluene	15.88	105	133303	0.512	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.03	105	121434	0.485	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.80	105	448444	1.621	ppbv #	68
79) Naphthalene	22.27	128	43223m	0.178	ppbv	

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

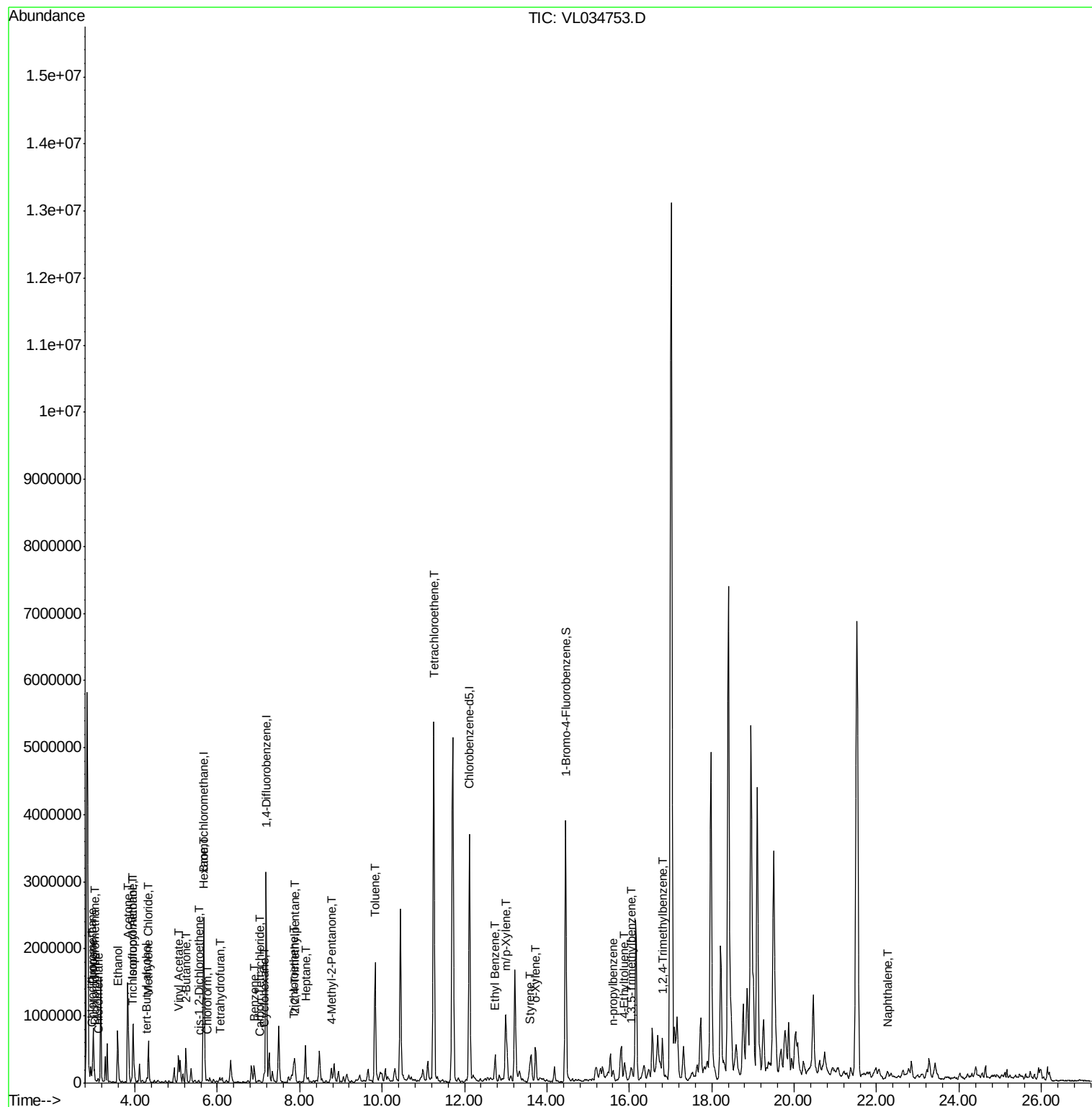
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022820\
Data File : VL034753.D
Acq On : 29 Feb 2020 1:48
Operator : SY/AP
Sample : L1698-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

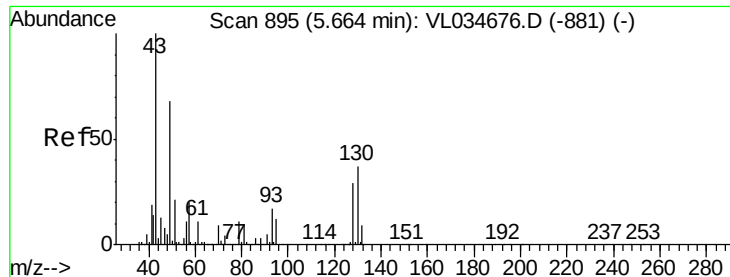
Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Manual Integrations
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3/2/2020 1:02:17 PM

Quant Time: Mar 02 12:28:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4

Tot Ion: 49 Resp: 1030462

Ion Ratio Lower Upper

49 100

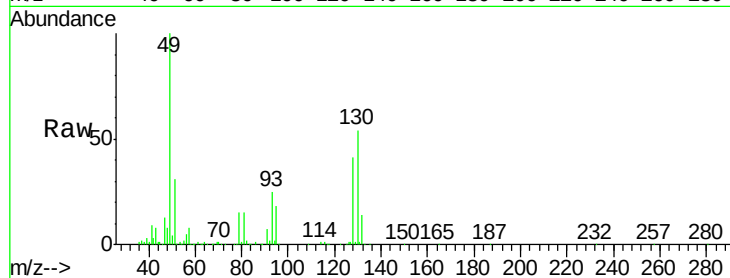
128 42.6 21.6 65.0

130 55.2 27.7 83.1

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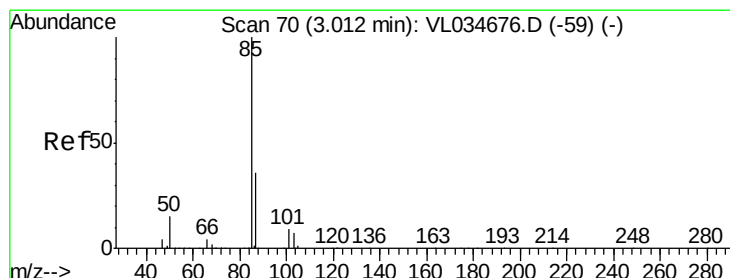
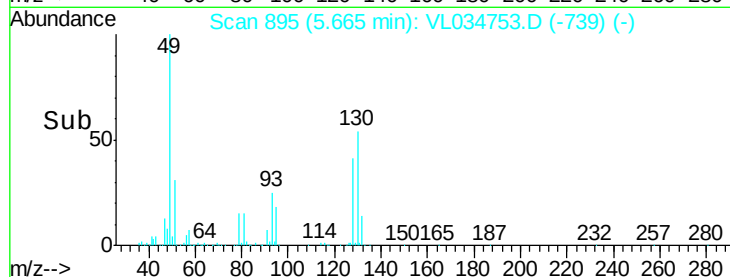
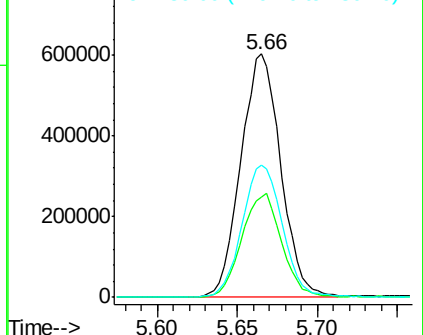
3/2/2020 1:02:17 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.561 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL034753.D

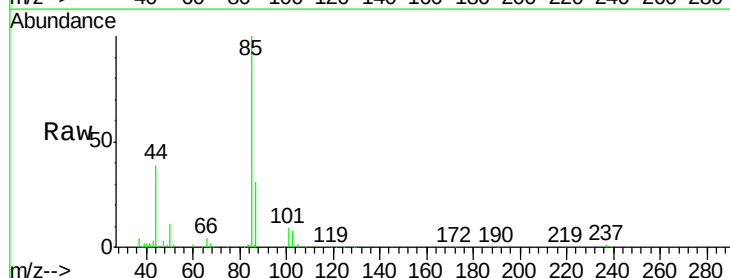
Acq: 29 Feb 2020 1:48

Tgt Ion: 85 Resp: 91146

Ion Ratio Lower Upper

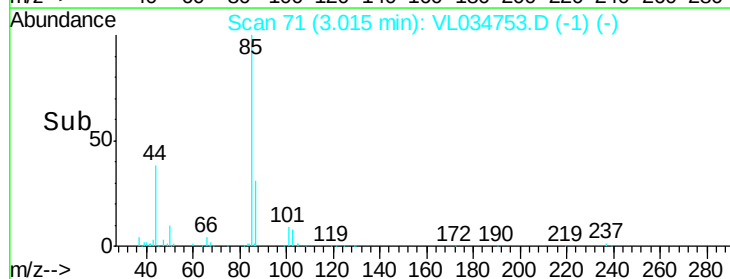
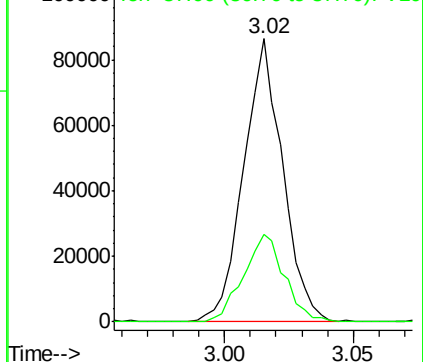
85 100

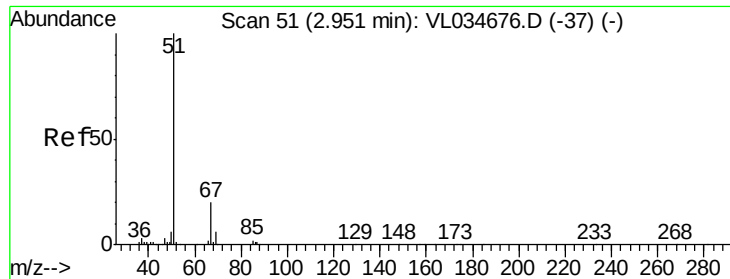
87 30.7 29.2 43.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

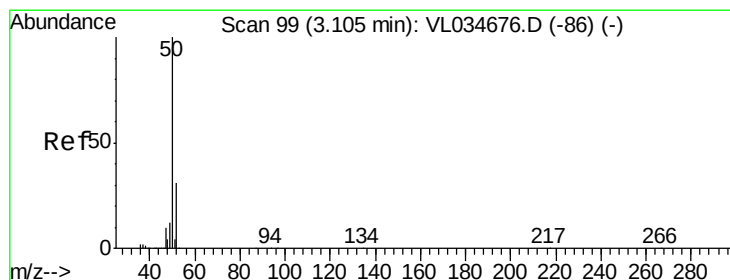
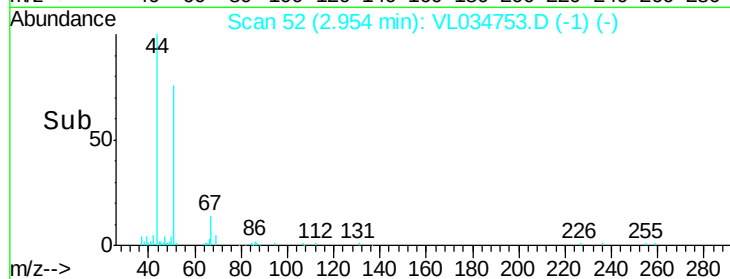
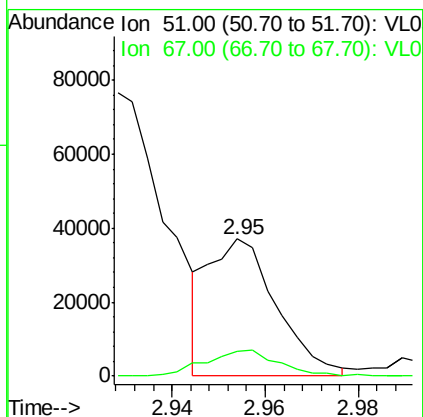
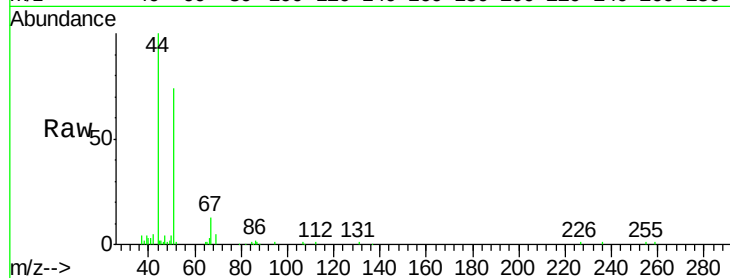
Chlorodifluoromethane
Concen: 0.337 ppbv
RT: 2.95 min Scan# 52
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampled :
SS-8-4

Tot Ion	Ratio	Lower	Upper
51	100		
67	20.7	15.5	23.3

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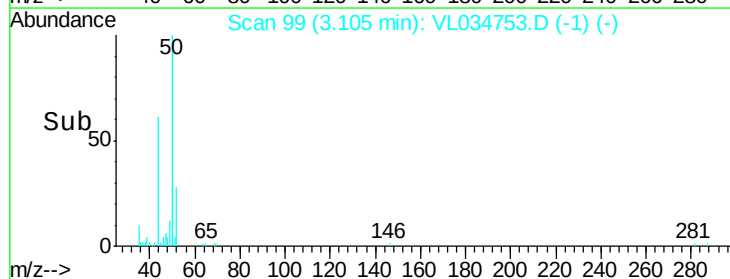
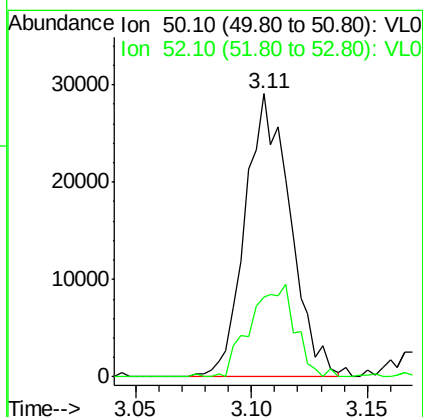
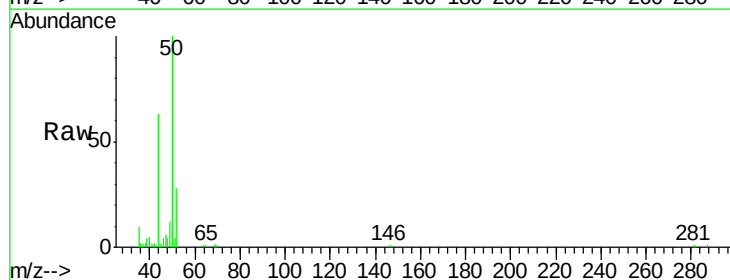
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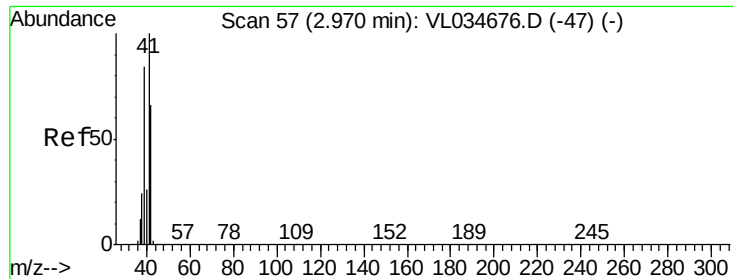


#4

Chloromethane
Concen: 0.631 ppbv
RT: 3.11 min Scan# 99
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion	Ratio	Lower	Upper
50	100		
52	28.0	25.0	37.4





#9

Propene

Concen: 4.505 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.02 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4

Tot Ion: 41 Resp: 209420

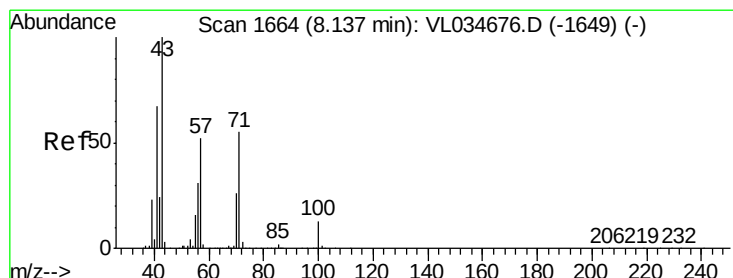
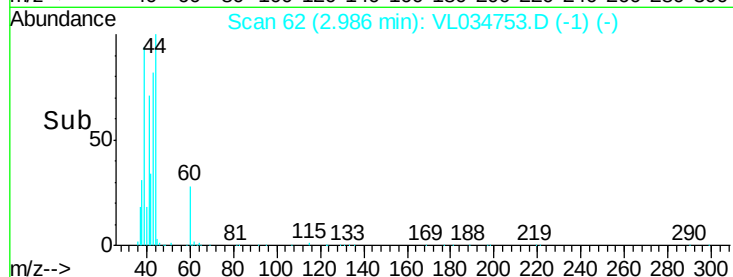
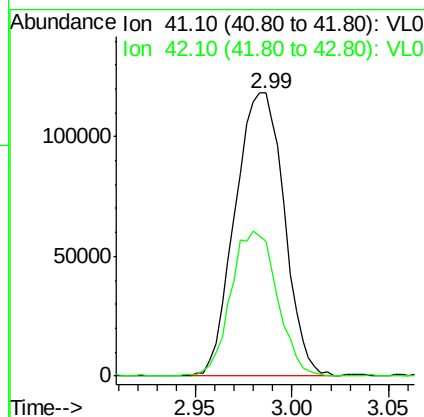
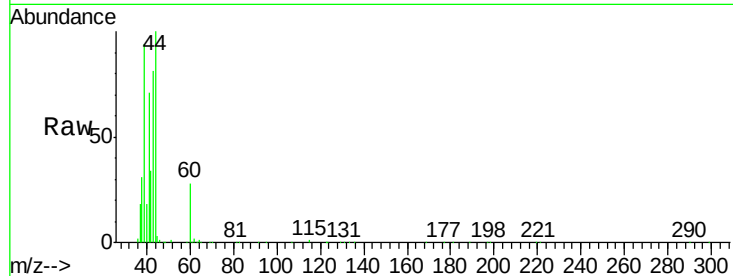
Ion Ratio Lower Upper

41 100

42 48.5 54.9 82.3#

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#10

Heptane

Concen: 1.911 ppbv m

RT: 8.14 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VL034753.D

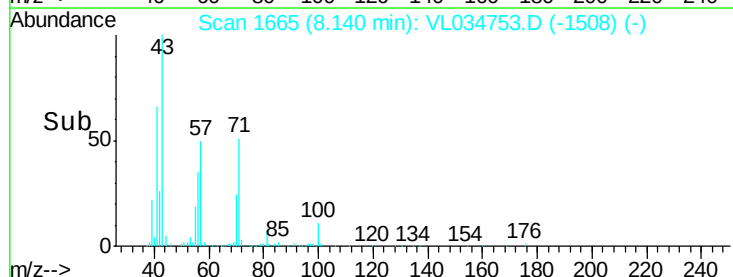
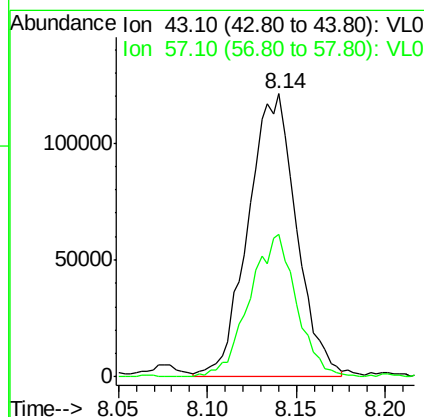
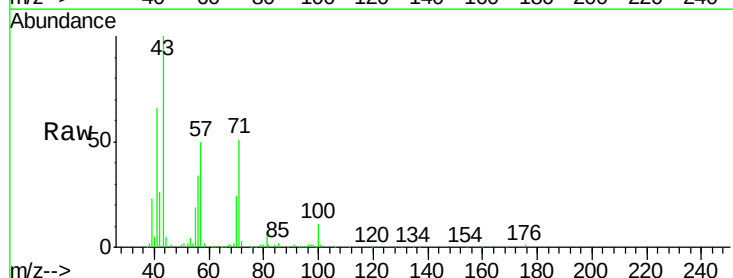
Acq: 29 Feb 2020 1:48

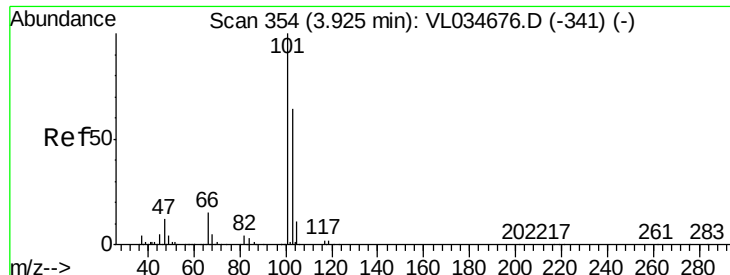
Tgt Ion: 43 Resp: 228685

Ion Ratio Lower Upper

43 100

57 47.8 41.0 61.6





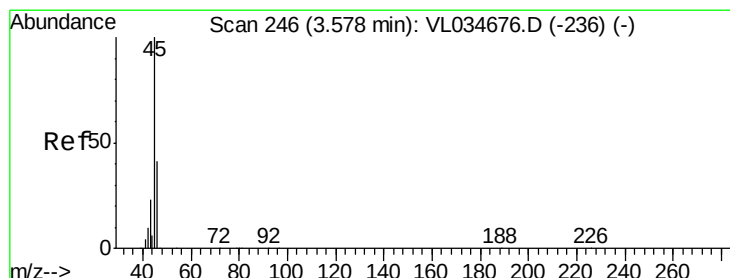
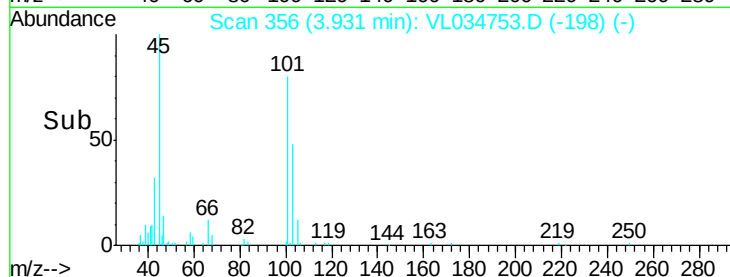
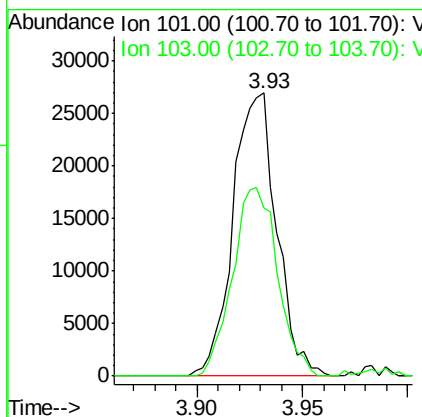
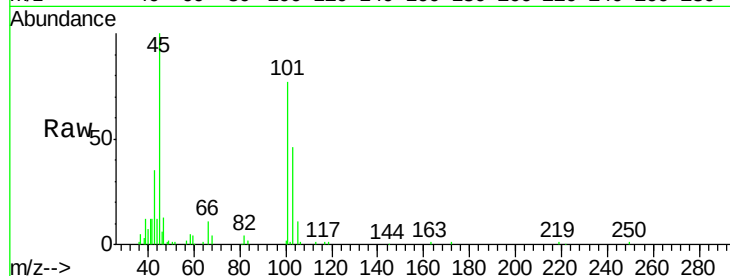
#11
 Trichlorofluoromethane
 Concen: 0.272 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VL034753.D
 Acq: 29 Feb 2020 1:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8-4

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.6	51.2	76.8

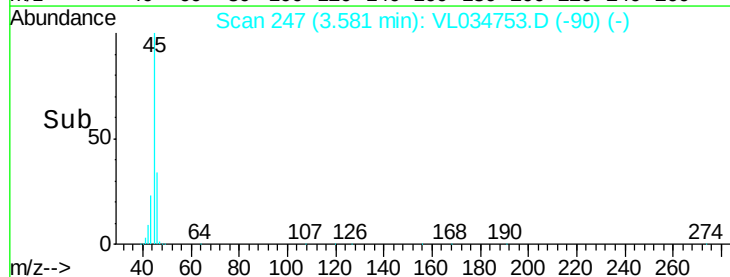
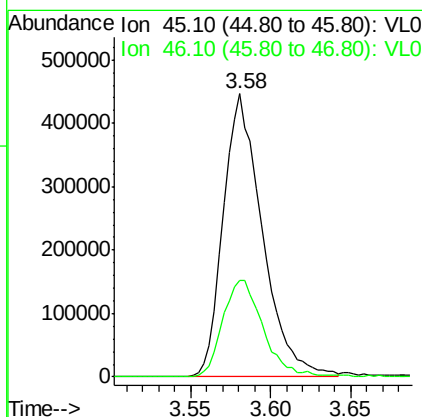
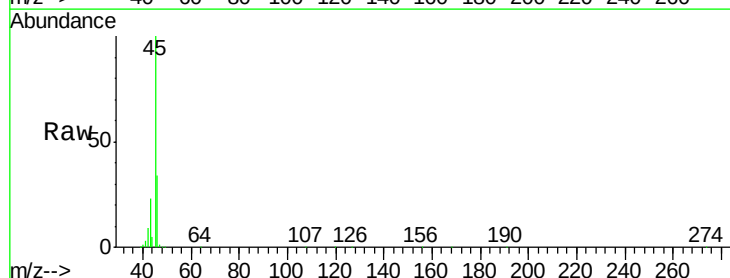
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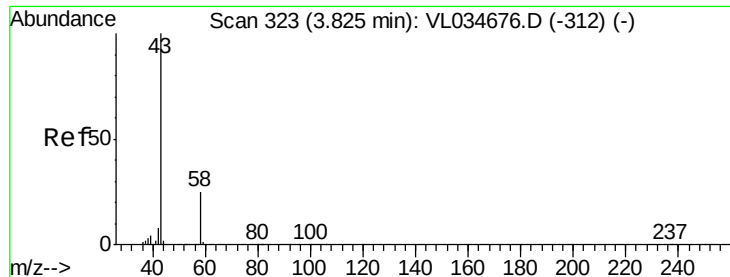
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 3/2/2020 1:02:17 PM



#13
 Ethanol
 Concen: 50.945 ppbv
 RT: 3.58 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VL034753.D
 Acq: 29 Feb 2020 1:48

Tgt Ion	Ratio	Lower	Upper
45	100		
46	35.6	15.4	61.4





#15

Acetone

Concen: 12.770 ppbv

RT: 3.82 min Scan# 322

Delta R.T. -0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4

Tot Ion: 43 Resp: 1499534

Ion Ratio Lower Upper

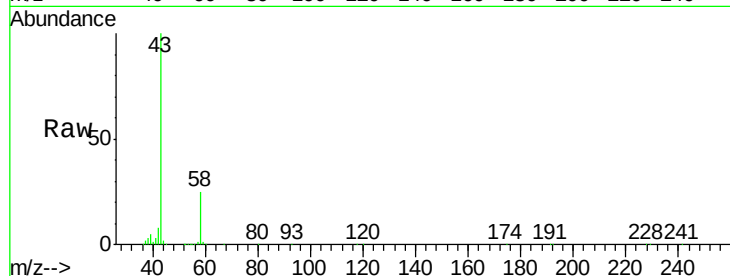
43 100

58 38.5 21.4 32.0#

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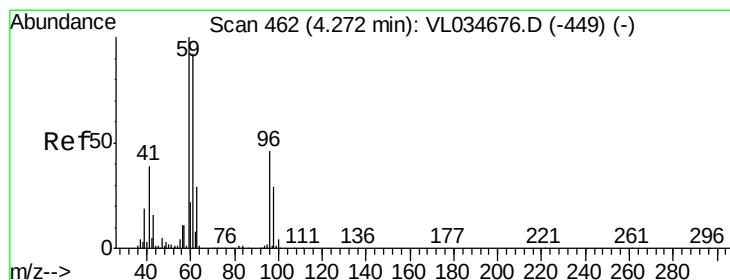
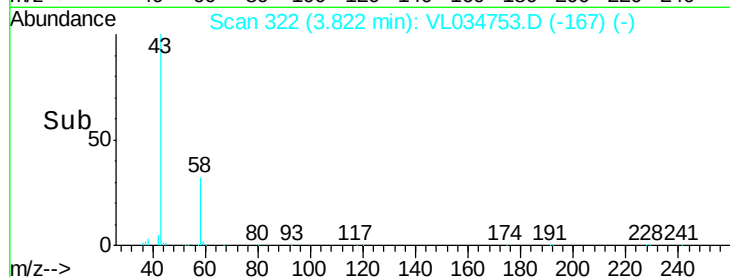
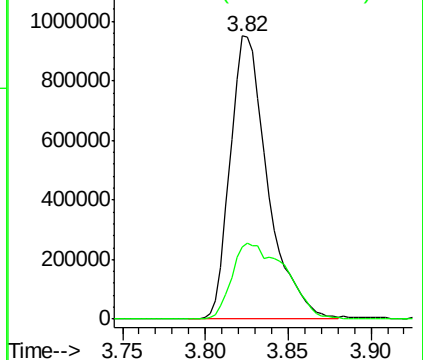
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 0.442 ppbv m

RT: 4.29 min Scan# 467

Delta R.T. 0.02 min

Lab File: VL034753.D

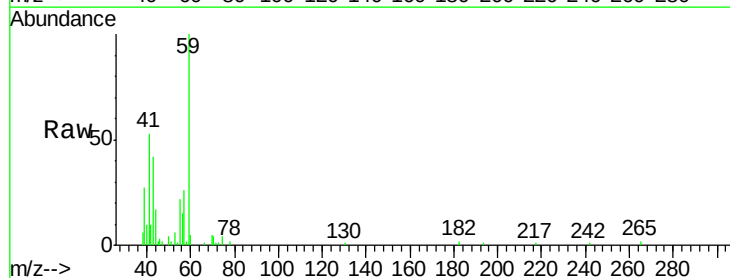
Acq: 29 Feb 2020 1:48

Tgt Ion: 59 Resp: 39809

Ion Ratio Lower Upper

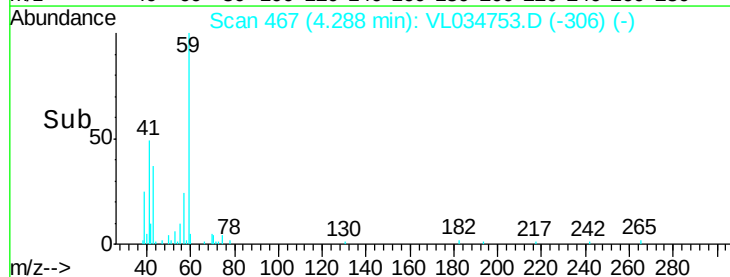
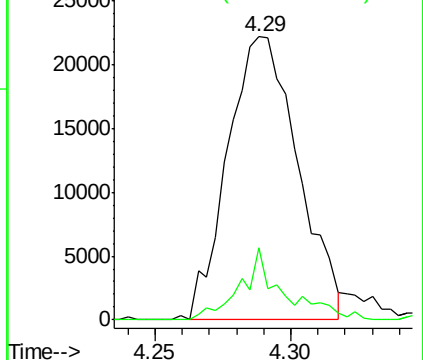
59 100

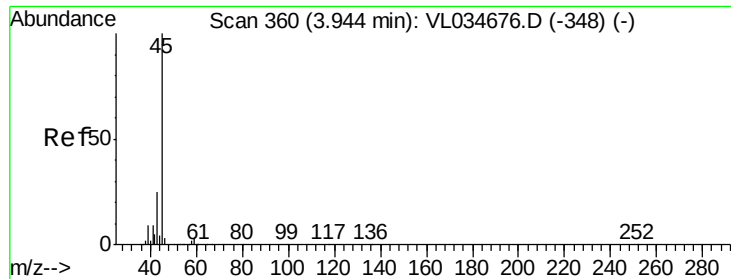
57 10.7 8.8 13.2



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#19

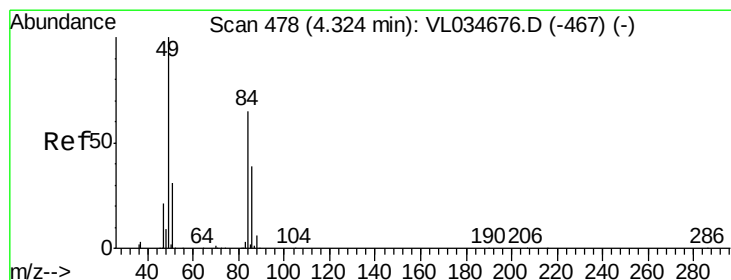
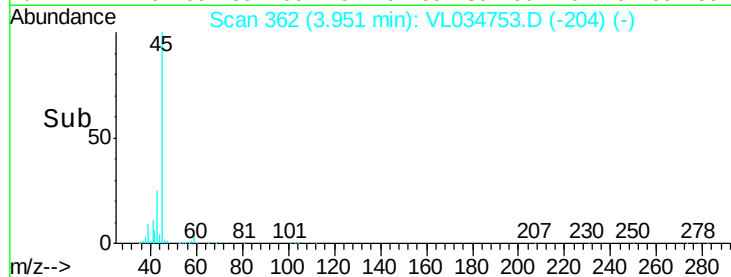
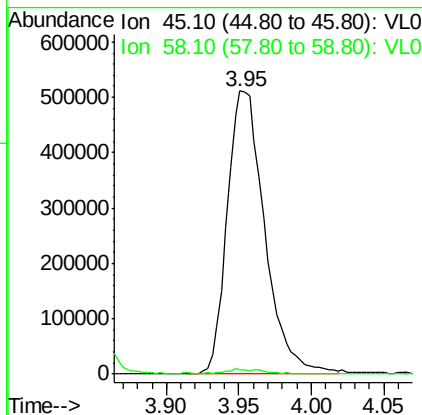
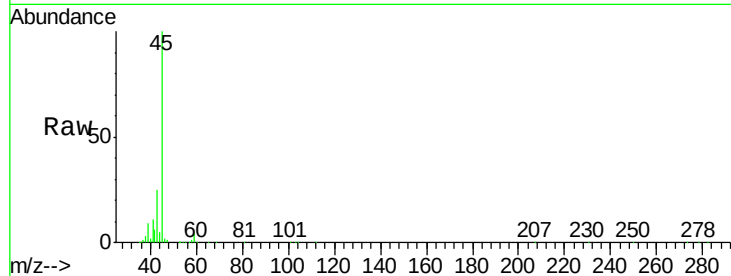
Isopropyl Alcohol
 Concen: 13.046 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. 0.01 min
 Lab File: VL034753.D
 Acq: 29 Feb 2020 1:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8-4

Tot Ion	Ratio	Lower	Upper
45	100		
58	63.4	1.8	2.6#

Manual Integrations
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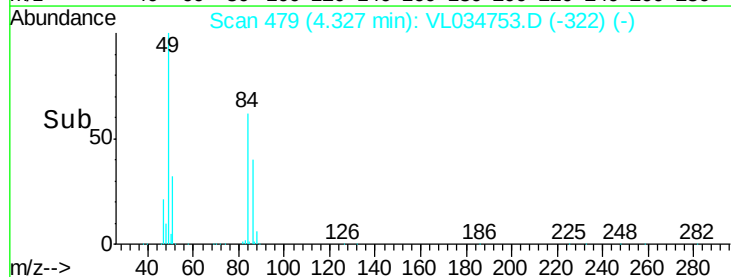
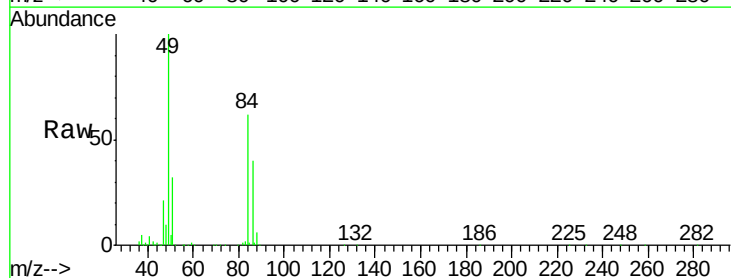
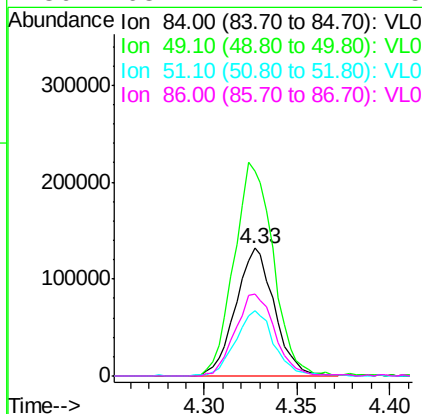
MMDadoda
 3/2/2020 1:02:17 PM

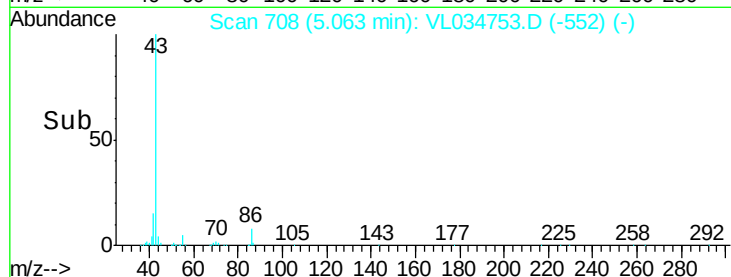
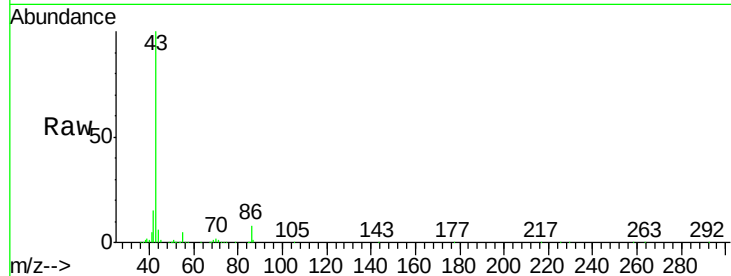
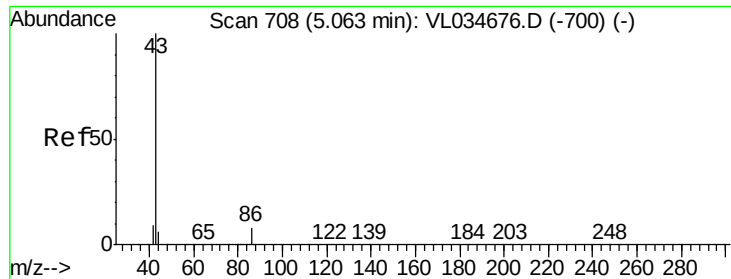


#20

Methylene Chloride
 Concen: 4.393 ppbv
 RT: 4.33 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: VL034753.D
 Acq: 29 Feb 2020 1:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	160.0	122.8	184.2
51	51.0	38.6	58.0
86	63.7	47.7	71.5





#23

Vinyl Acetate

Concen: 2.759 ppbv

RT: 5.06 min Scan# 708

Delta R.T. 0.00 min

Lab File: VL034753.D

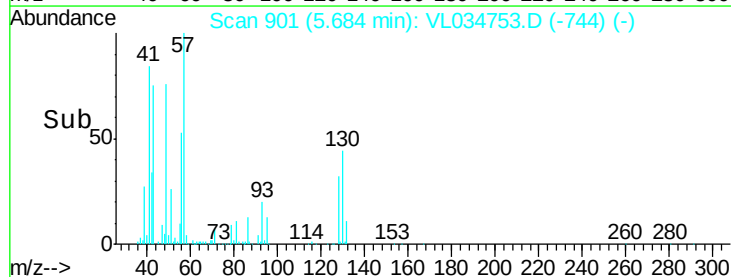
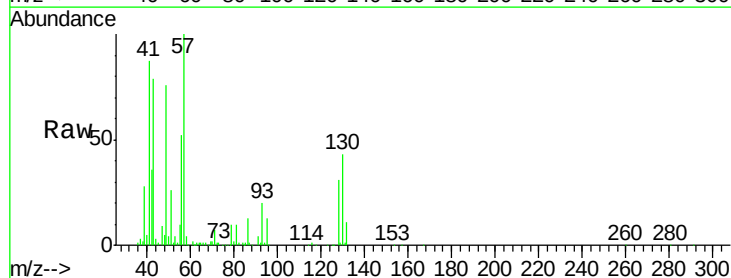
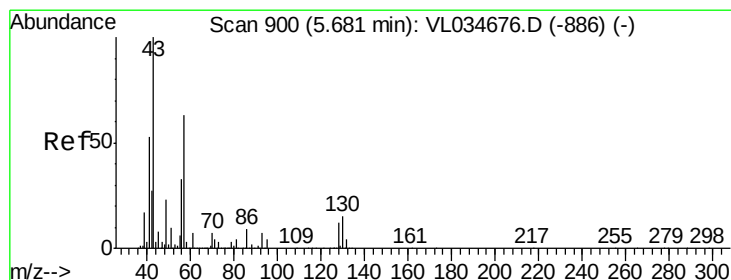
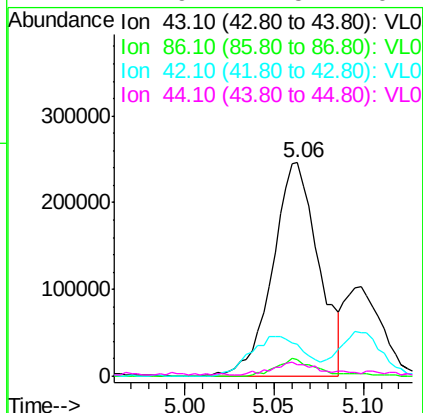
Acq: 29 Feb 2020 1:48

Tot Ion	43	Resp	440419
Ion Ratio	Lower	Upper	
43	100		
86	7.8	6.0	9.0
42	14.8	8.0	12.0#
44	4.9	4.5	6.7

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Manual Integrations
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#26

Hexane

Concen: 3.370 ppbv

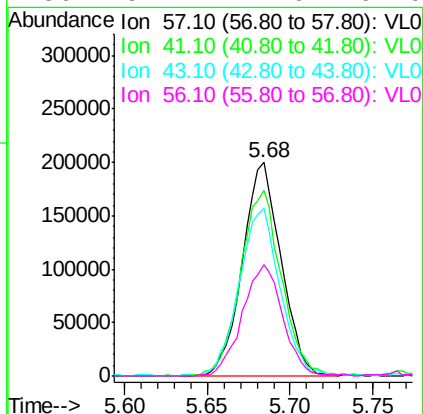
RT: 5.68 min Scan# 901

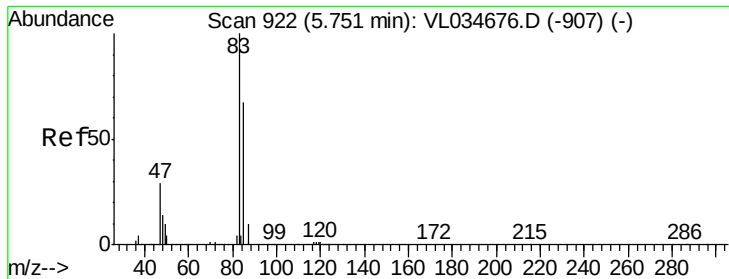
Delta R.T. 0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Tgt Ion	57	Resp	322873
Ion Ratio	Lower	Upper	
57	100		
41	93.0	70.3	105.5
43	83.9	177.0	265.4#
56	54.7	42.6	64.0





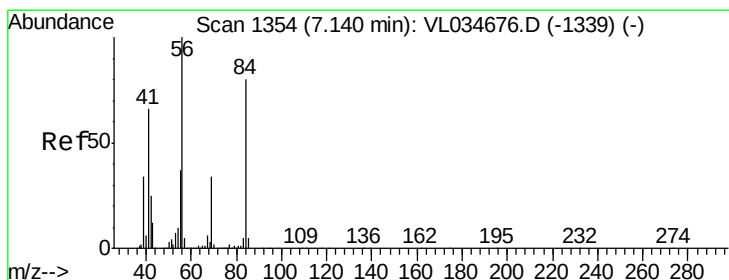
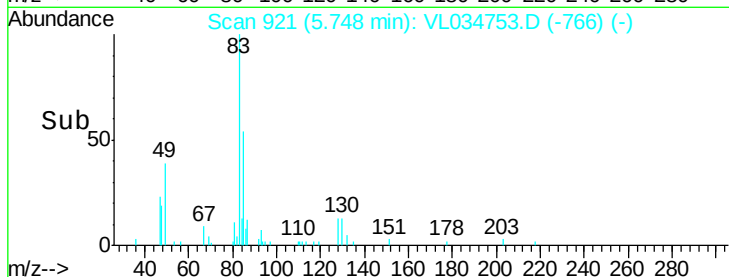
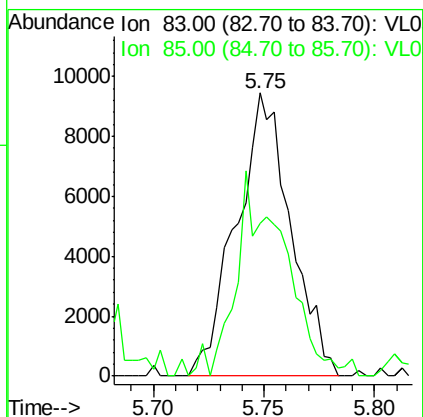
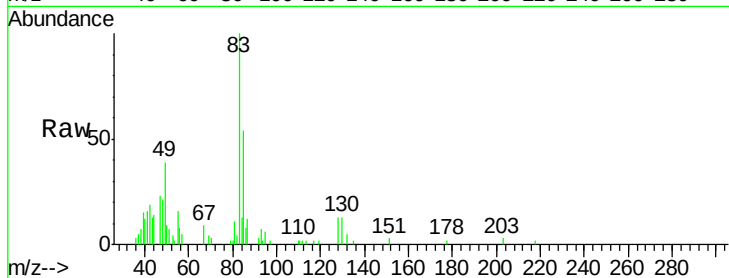
#29
Chloroform
Concen: 0.106 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampled :
SS-8-4

Tot Ion	83	Resp	16193
Ion Ratio	Lower	Upper	
83	100		
85	54.0	53.9	80.9

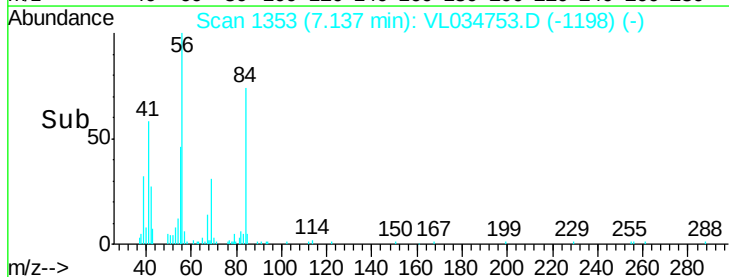
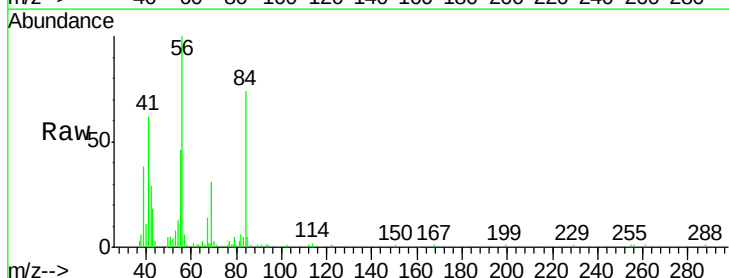
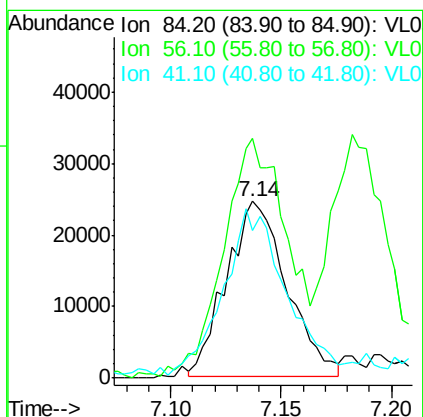
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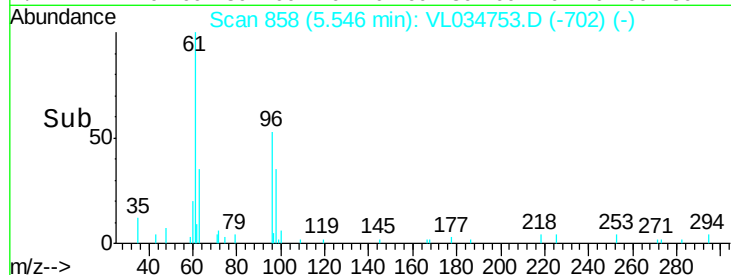
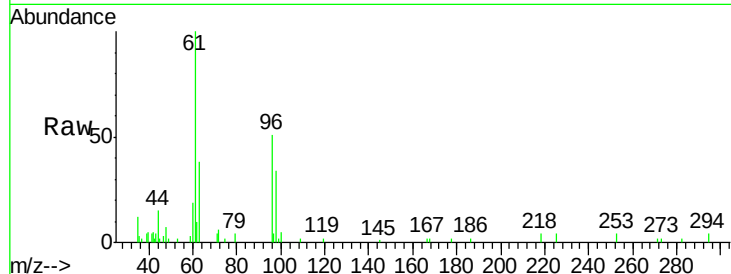
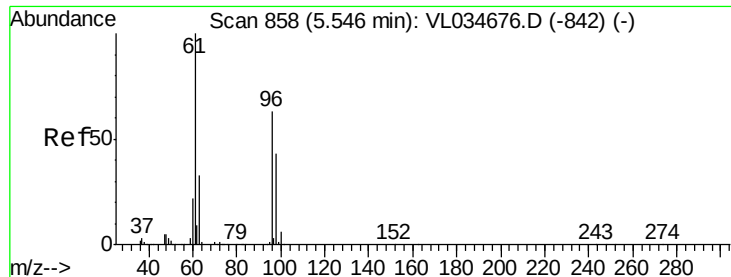
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#30
Cyclohexane
Concen: 0.627 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion	84	Resp	46527
Ion Ratio	Lower	Upper	
84	100		
56	141.2	113.4	170.2
41	106.9	68.2	102.4#





#31

cis-1,2-Dichloroethene

Concen: 0.178 ppbv

RT: 5.55 min Scan# 858

Delta R.T. 0.00 min

Lab File: VL034753.D

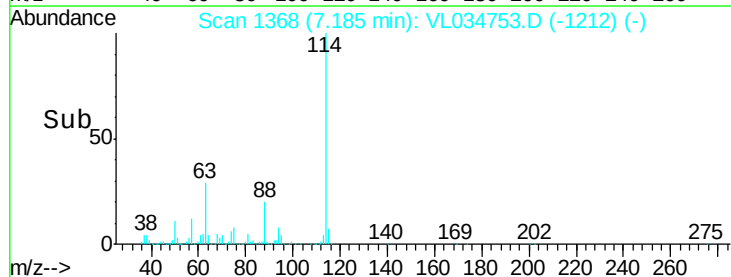
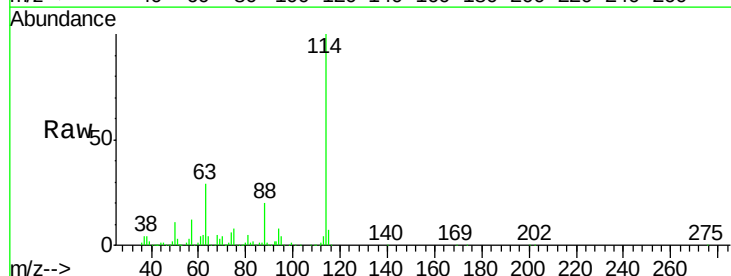
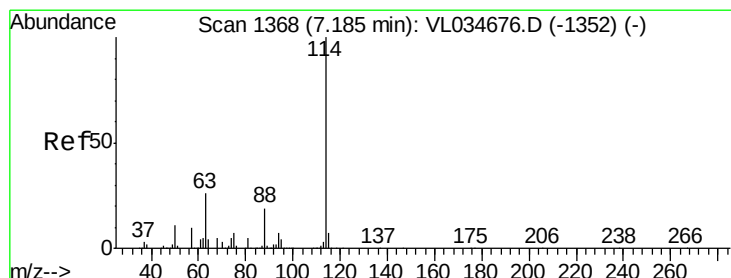
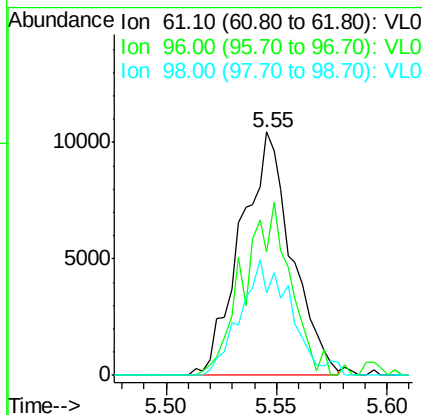
Acq: 29 Feb 2020 1:48

Tot Ion:	61	Resp:	16819
Ion Ratio		Lower	Upper
61	100		
96	46.0	50.2	75.2#
98	30.5	34.3	51.5#

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

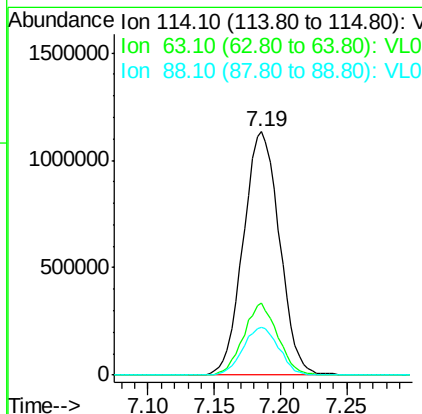
RT: 7.19 min Scan# 1368

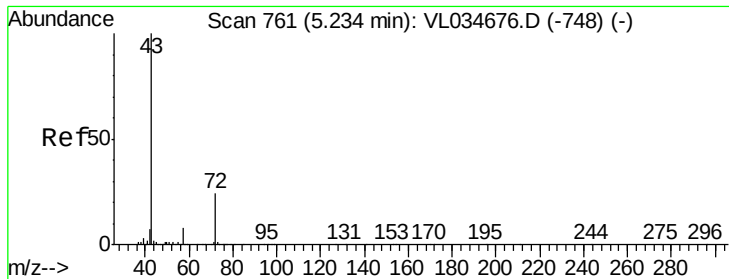
Delta R.T. 0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Tgt Ion:	114	Resp:	2155951
Ion Ratio		Lower	Upper
114	100		
63	27.9	22.9	34.3
88	19.5	15.8	23.6





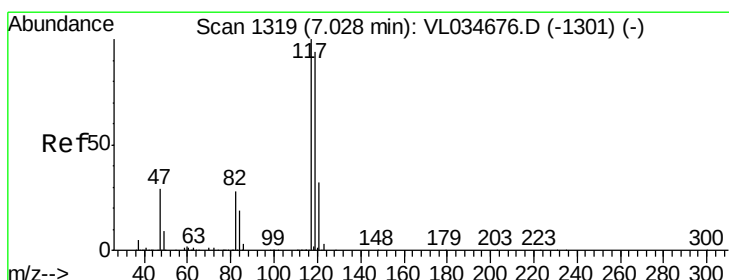
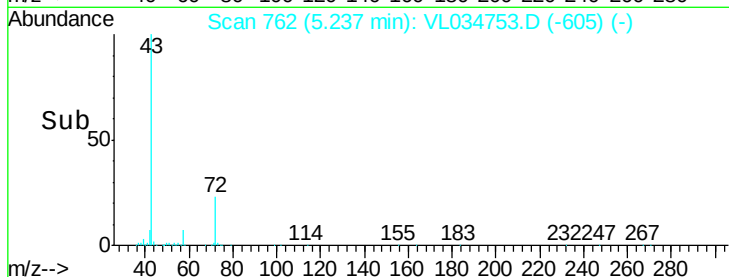
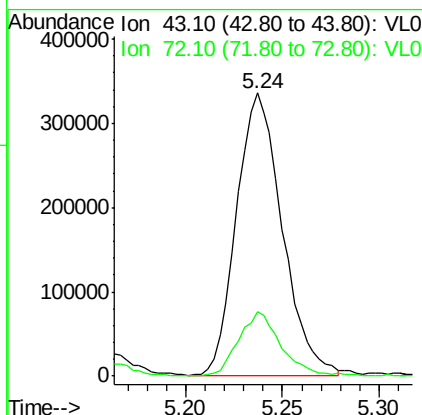
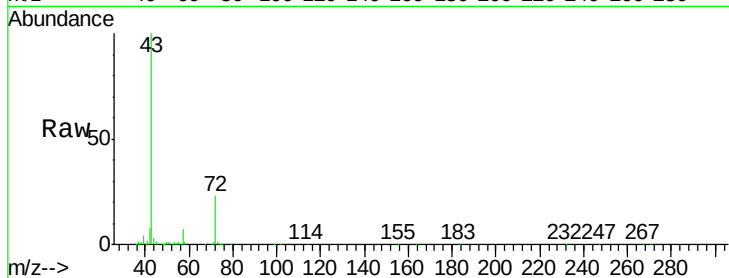
#34
2-Butanone
Concen: 4.050 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tot Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.2	27.2

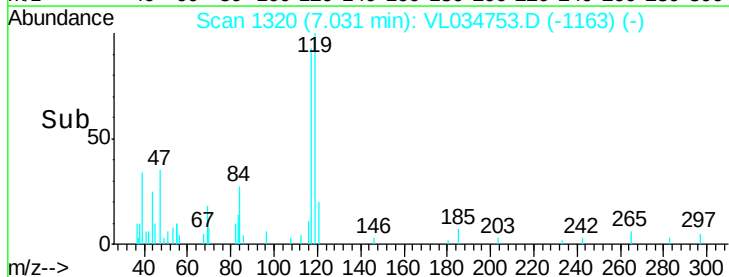
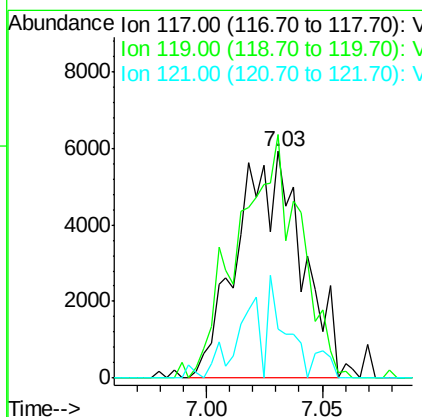
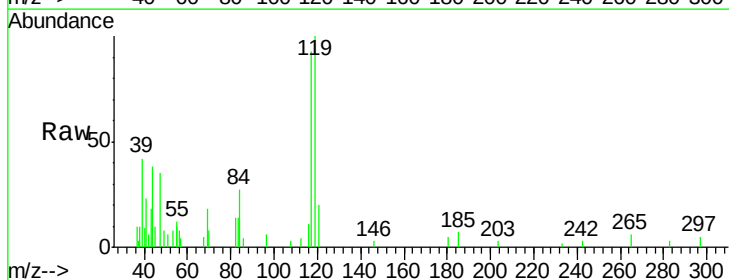
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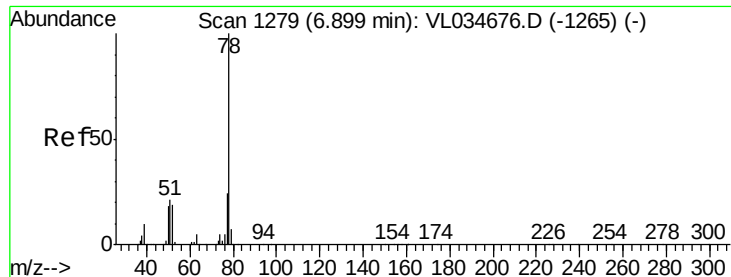
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#35
Carbon Tetrachloride
Concen: 0.079 ppbv m
RT: 7.03 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	107.5	75.5	113.3
121	21.8	25.4	38.0#





#36

Benzene

Concen: 0.920 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Instrument :

MSVOA_L

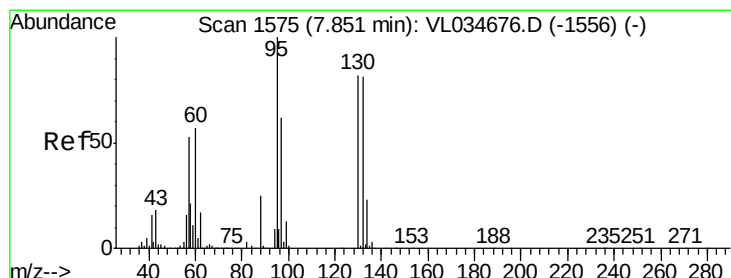
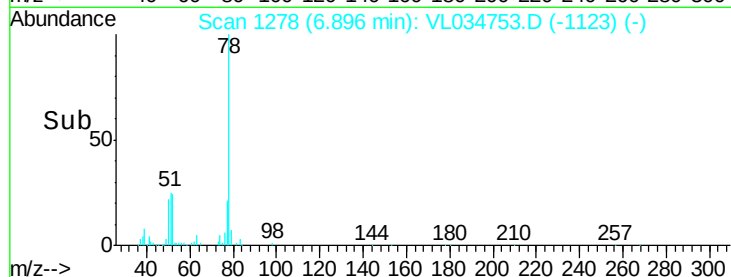
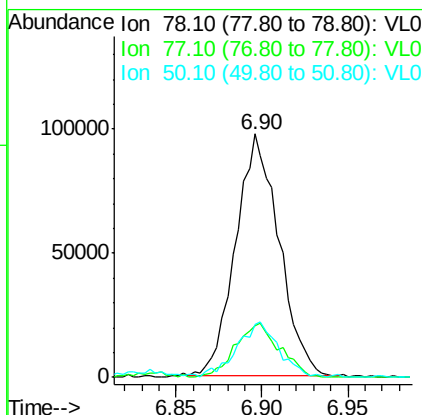
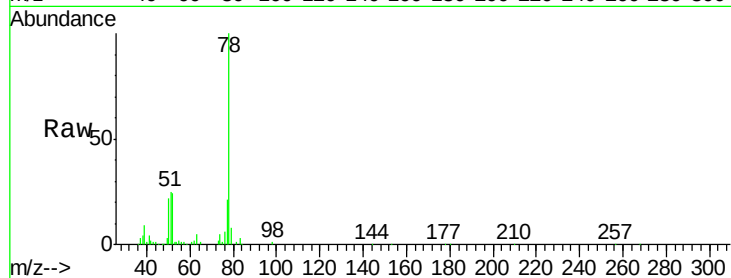
ClientSampleId :

SS-8-4

Tot Ion:	78	Resp:	171380
Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.5	29.3
50	20.7	14.6	21.8

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#38

Trichloroethene

Concen: 0.884 ppbv m

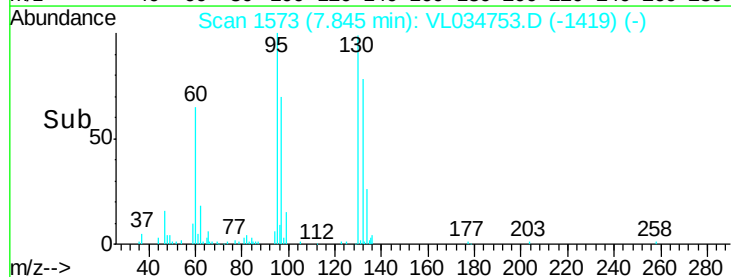
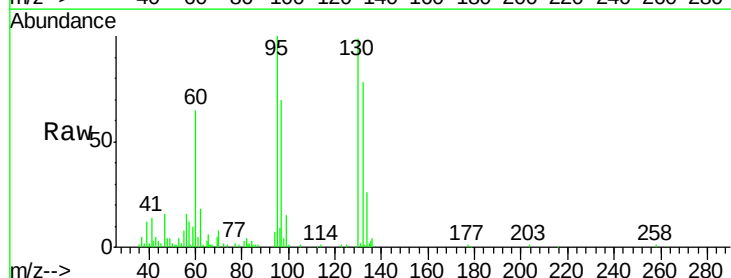
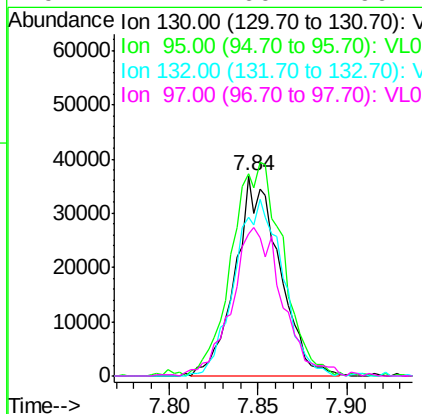
RT: 7.84 min Scan# 1573

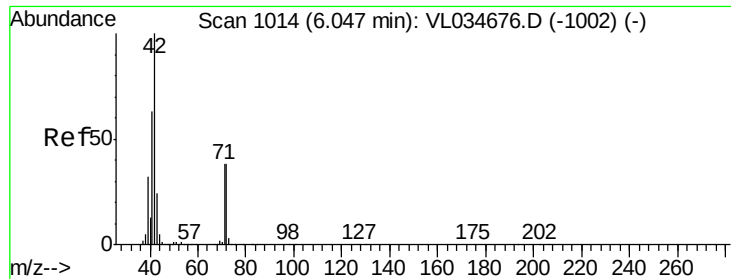
Delta R.T. -0.01 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Tgt Ion:	130	Resp:	63415
Ion	Ratio	Lower	Upper
130	100		
95	101.4	97.1	145.7
132	79.1	78.3	117.5
97	71.2	60.1	90.1





#41

Tetrahydrofuran

Concen: 0.566 ppbv m

RT: 6.06 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Instrument :

MSVOA_L

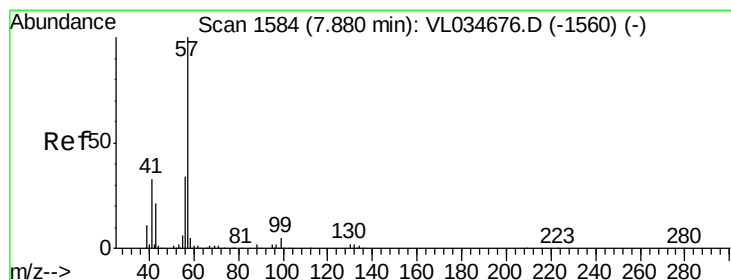
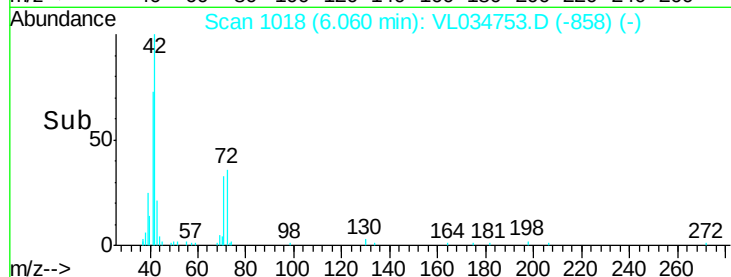
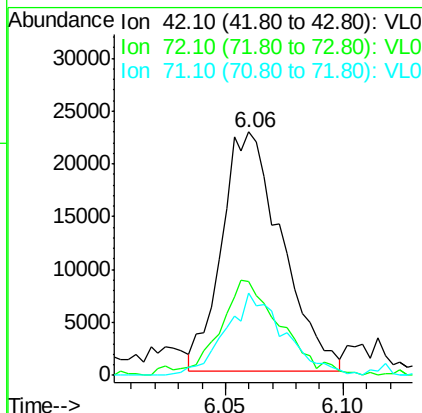
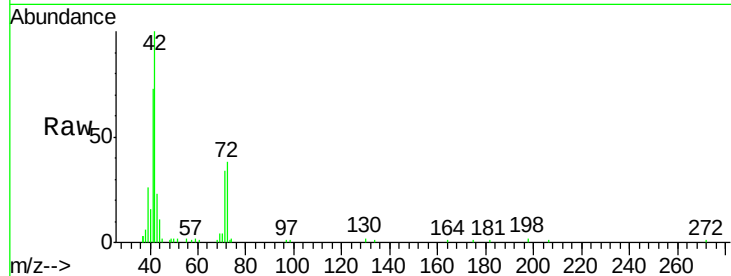
ClientSampleId :

SS-8-4

Tot Ion	42	Resp:	40559
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	0.0	30.7	46.1#

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#44

2,2,4-Trimethylpentane

Concen: 0.758 ppbv

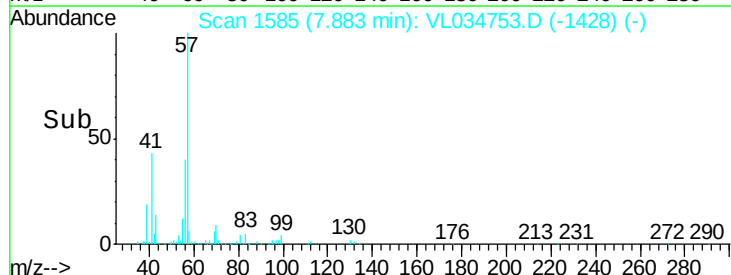
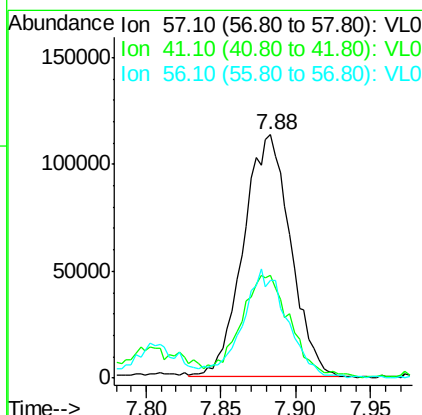
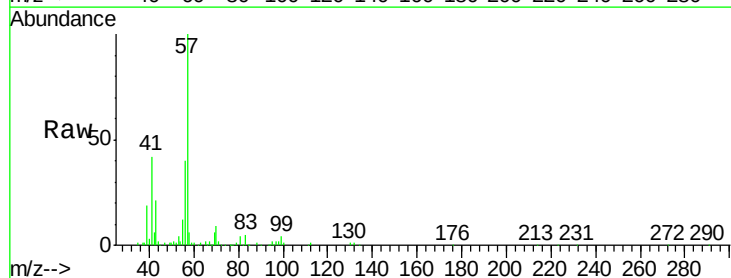
RT: 7.88 min Scan# 1585

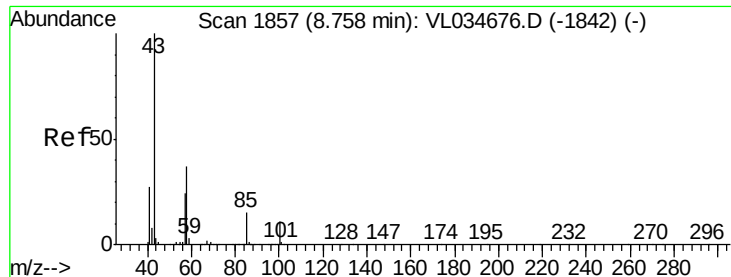
Delta R.T. 0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Tgt Ion	57	Resp:	246781
Ion	Ratio	Lower	Upper
57	100		
41	44.4	26.0	39.0#
56	42.7	25.6	38.4#





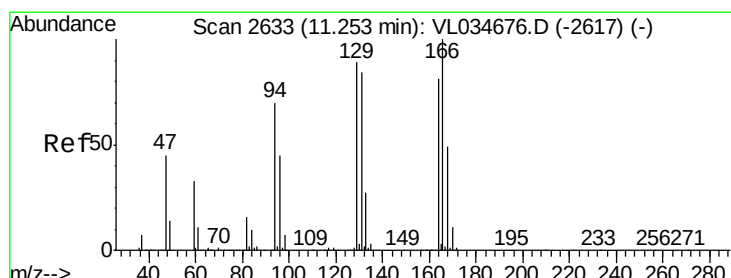
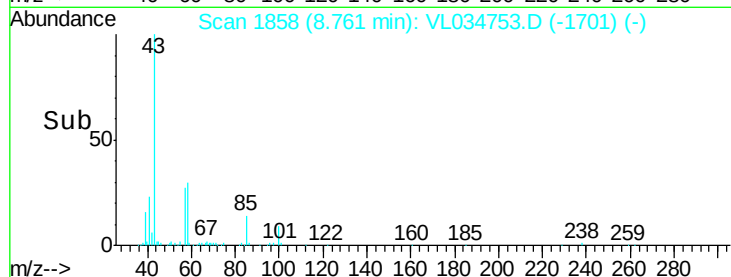
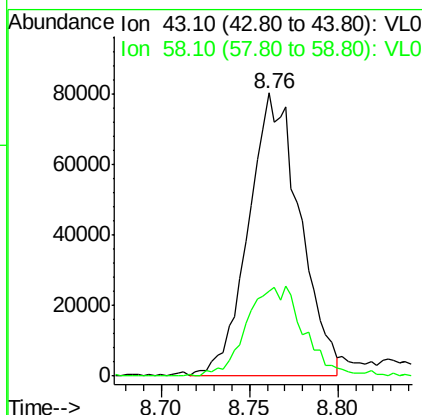
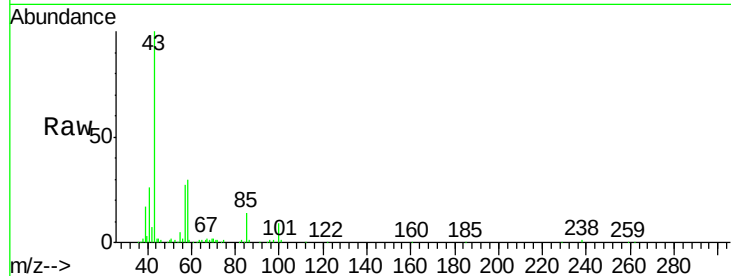
#50
4-Methyl-2-Pentanone
Concen: 0.846 ppbv m
RT: 8.76 min Scan# 1858
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tot Ion: 43 Resp: 162557
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#

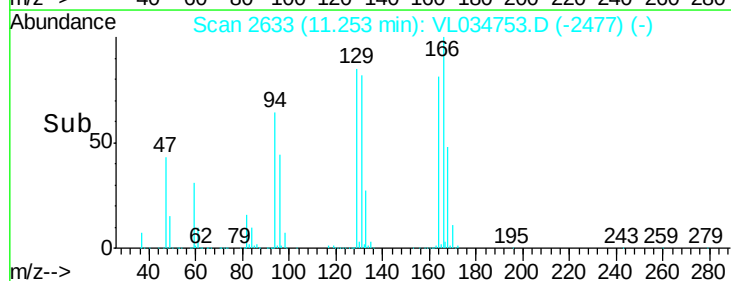
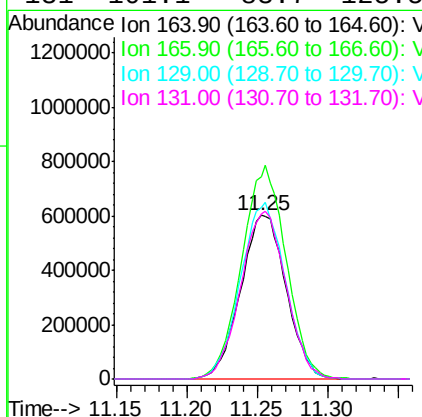
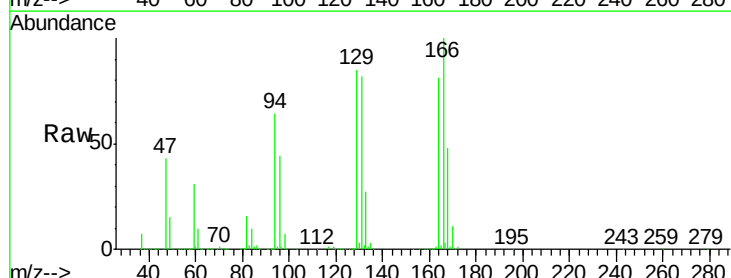
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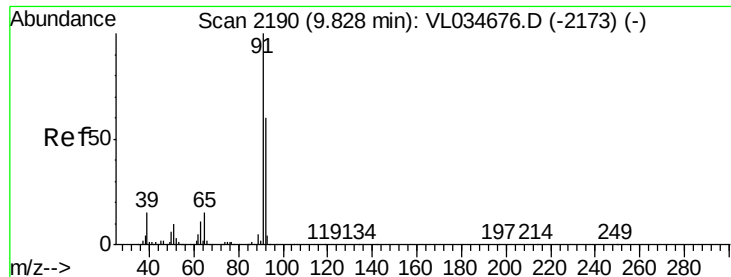
MMDadoda
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#52
Tetrachloroethene
Concen: 19.892 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 164 Resp: 1357746
Ion Ratio Lower Upper
164 100
166 123.1 99.2 148.8
129 104.7 88.0 132.0
131 101.1 83.7 125.5





#53

Toluene

Concen: 6.502 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4

Tot Ion: 91 Resp: 1287677

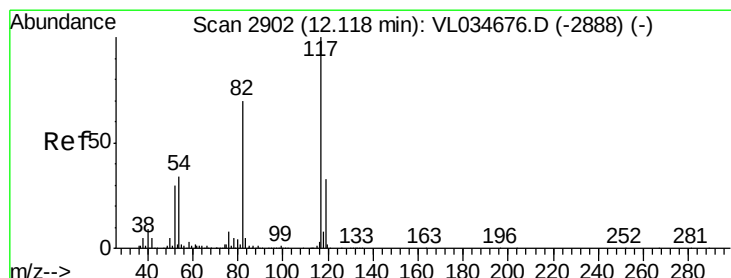
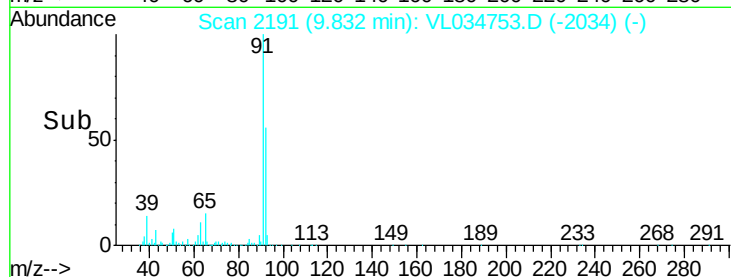
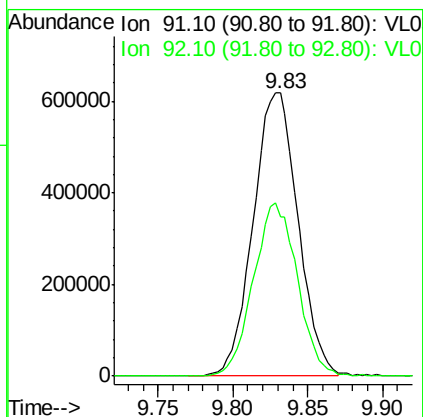
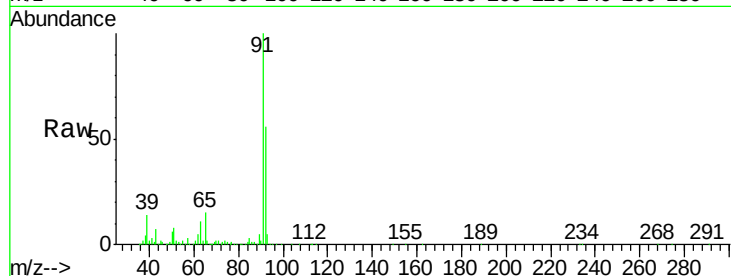
Ion Ratio Lower Upper

91 100

92 60.0 48.5 72.7

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. 0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

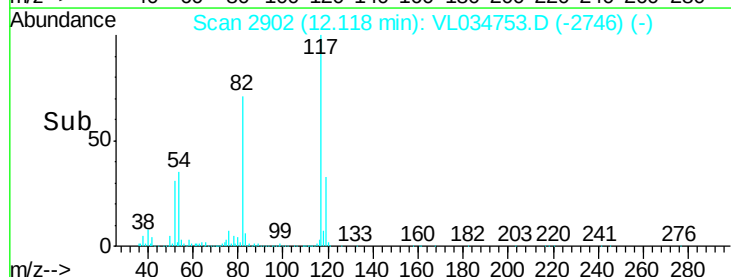
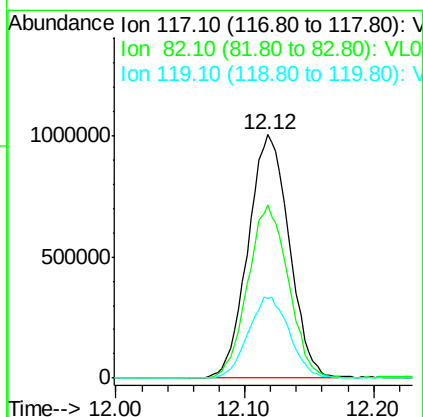
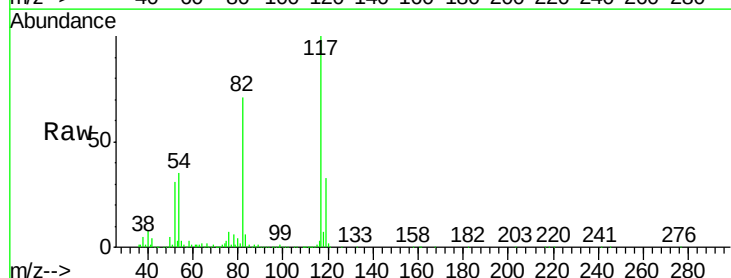
Tgt Ion: 117 Resp: 2233861

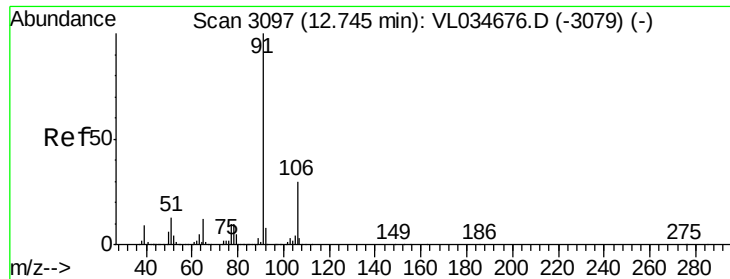
Ion Ratio Lower Upper

117 100

82 70.1 54.1 81.1

119 33.4 27.6 41.4





#58

Ethyl Benzene

Concen: 1.253 ppbv

RT: 12.74 min Scan# 3096

Delta R.T. -0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4

Tot Ion: 91 Resp: 338693

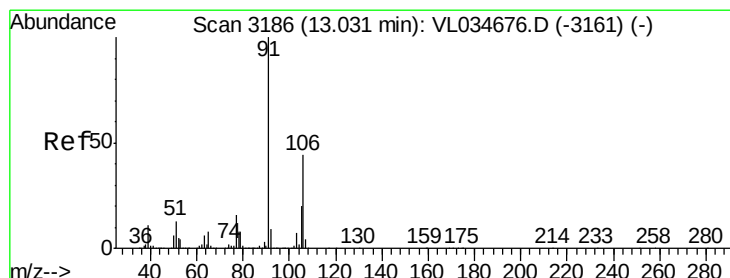
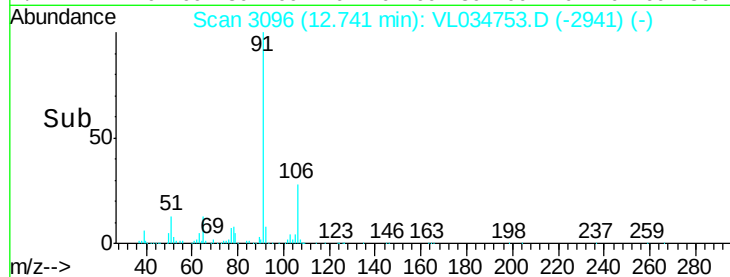
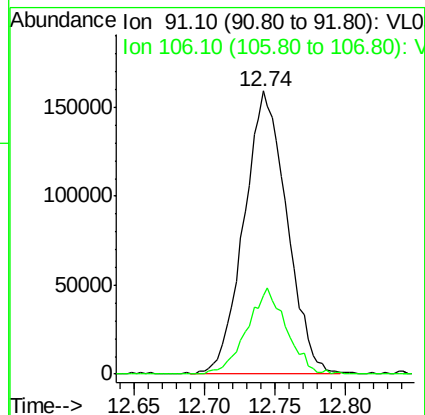
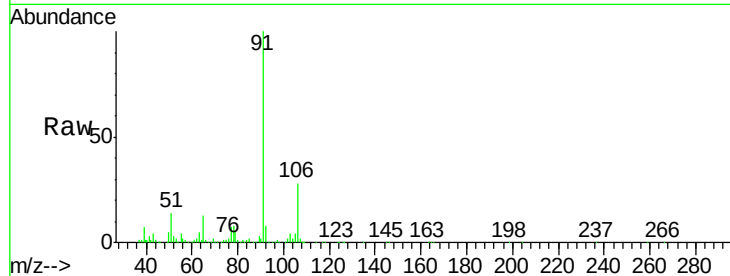
Ion Ratio Lower Upper

91 100

106 27.8 24.0 36.0

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#59

m/p-Xylene

Concen: 4.228 ppbv

RT: 13.00 min Scan# 3176

Delta R.T. -0.03 min

Lab File: VL034753.D

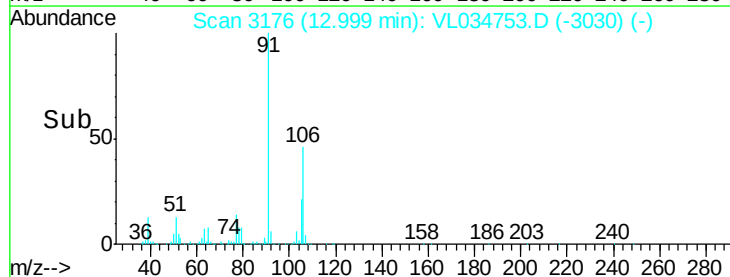
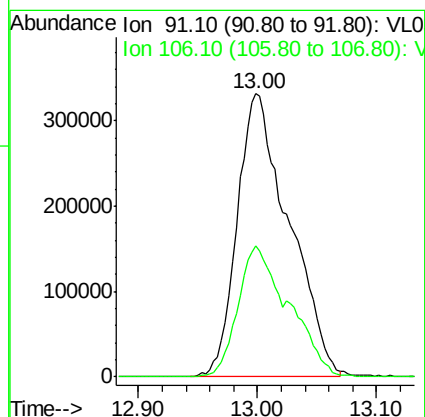
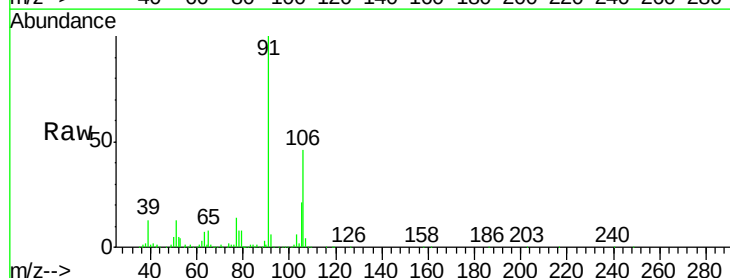
Acq: 29 Feb 2020 1:48

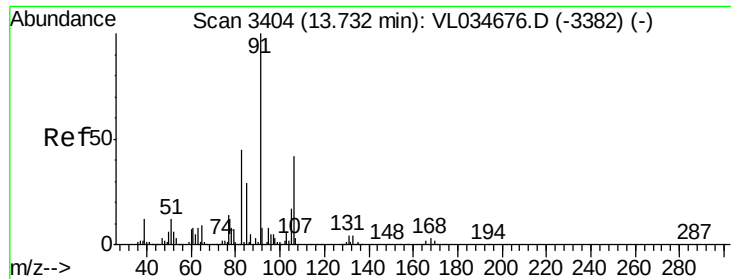
Tgt Ion: 91 Resp: 996732

Ion Ratio Lower Upper

91 100

106 45.6 35.6 53.4





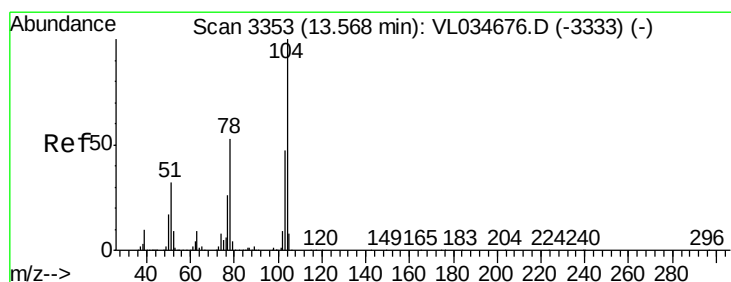
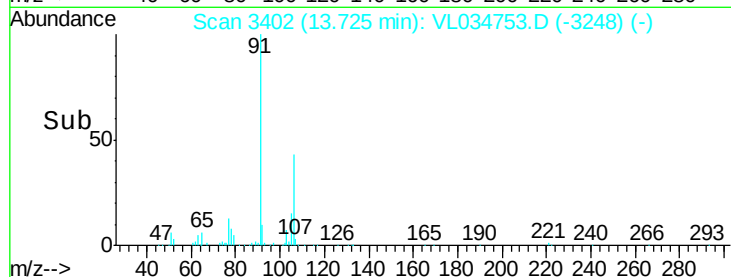
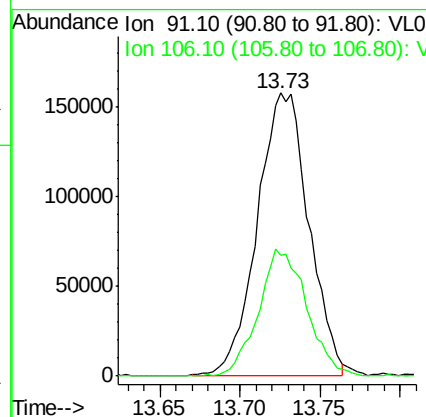
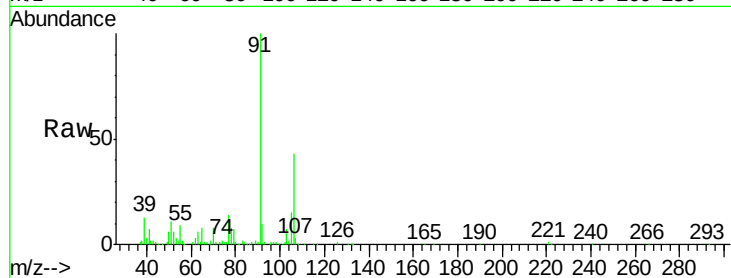
#60
o-Xylene
Concen: 1.509 ppbv m
RT: 13.73 min Scan# 3402
Delta R.T. -0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampled :
SS-8-4

Tot Ion: 91 Resp: 352959
Ion Ratio Lower Upper
91 100
106 0.0 21.9 65.5#

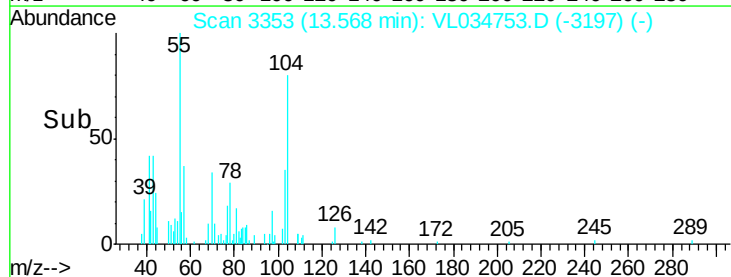
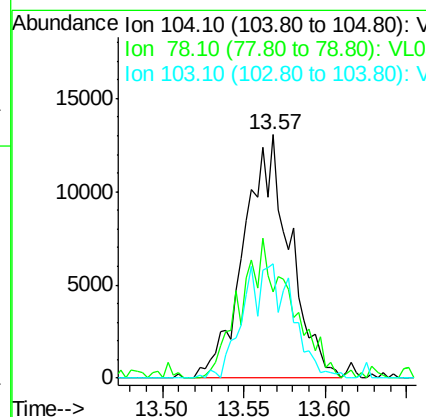
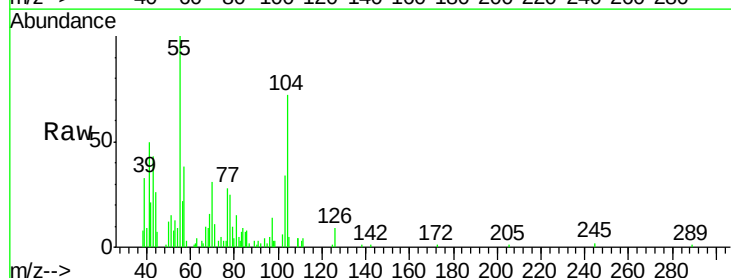
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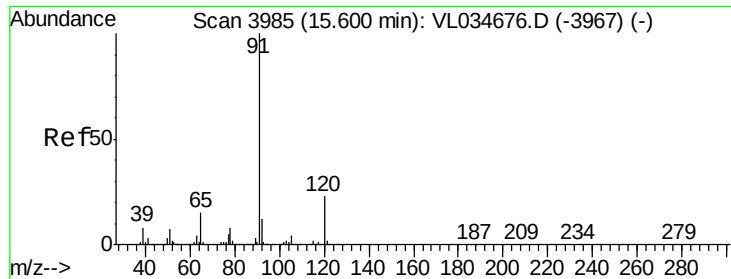
MMDadoda
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#61
Styrene
Concen: 0.169 ppbv m
RT: 13.57 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 104 Resp: 25435
Ion Ratio Lower Upper
104 100
78 0.0 44.2 66.4#
103 50.5 37.4 56.0





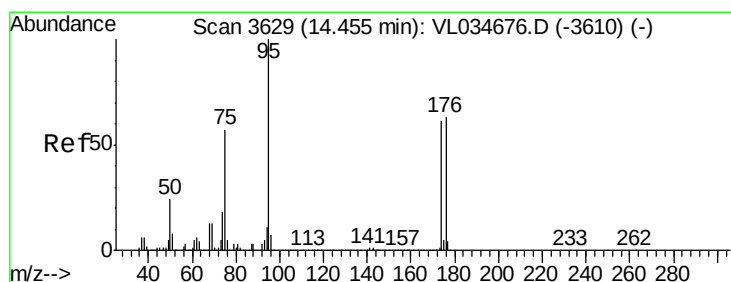
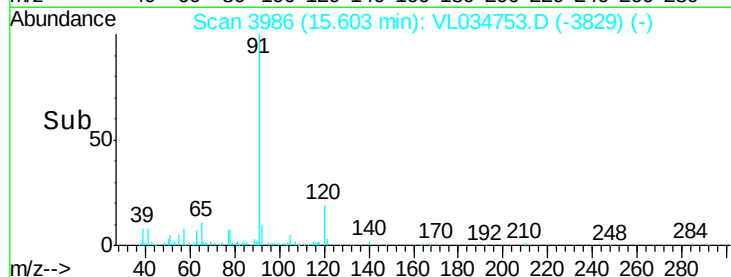
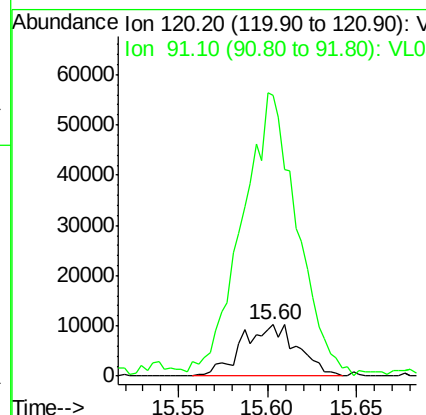
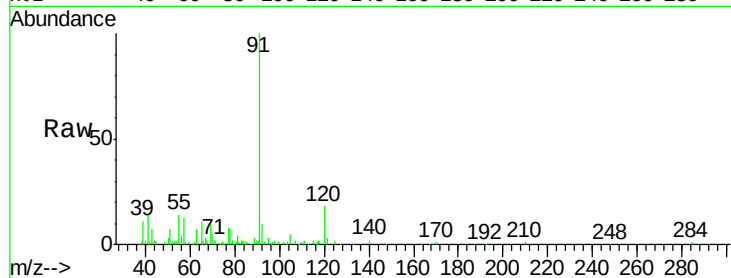
#64
n-propylbenzene
Concen: 0.256 ppbv m
RT: 15.60 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampled :
SS-8-4

Tot Ion:120 Resp: 22521
Ion Ratio Lower Upper
120 100
91 545.3 369.8 554.8

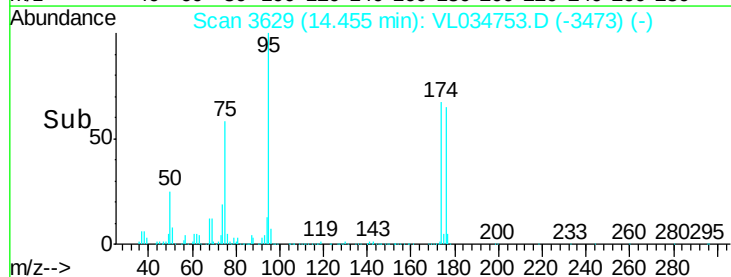
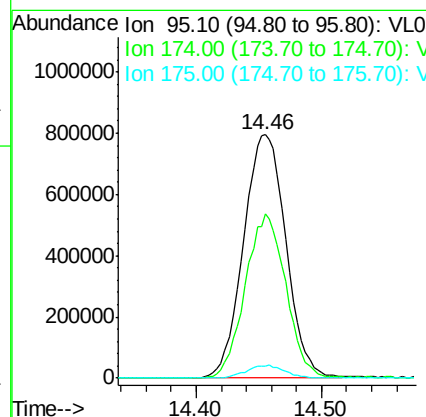
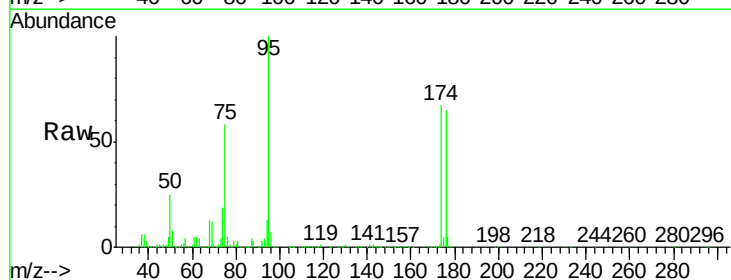
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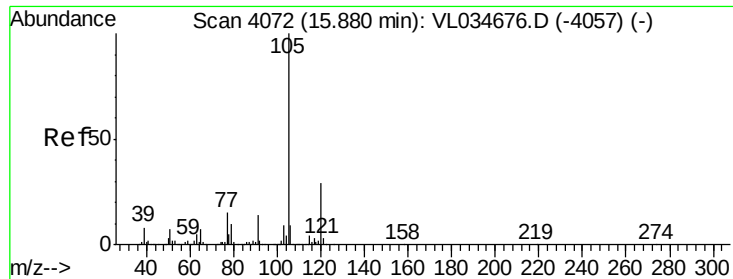
MMDadoda
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.188 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 95 Resp: 1866190
Ion Ratio Lower Upper
95 100
174 64.7 50.7 76.1
175 4.8 3.9 5.9





#72

4-Ethyltoluene

Concen: 0.512 ppbv

RT: 15.88 min Scan# 4073

Delta R.T. 0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Instrument :

MSVOA_L

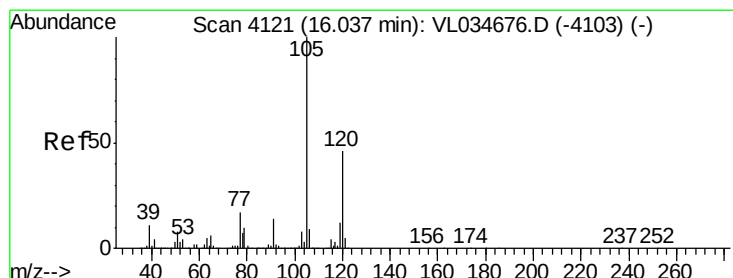
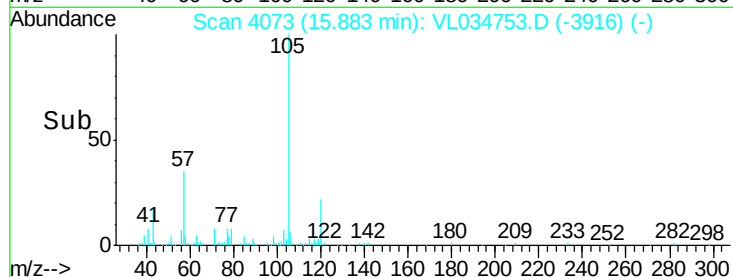
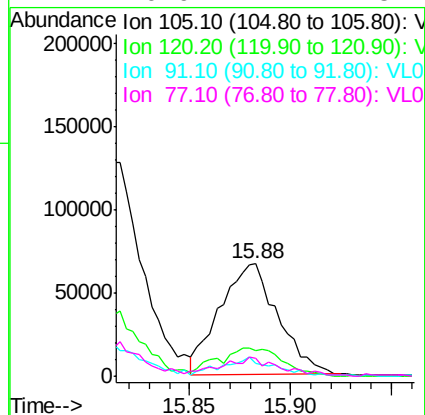
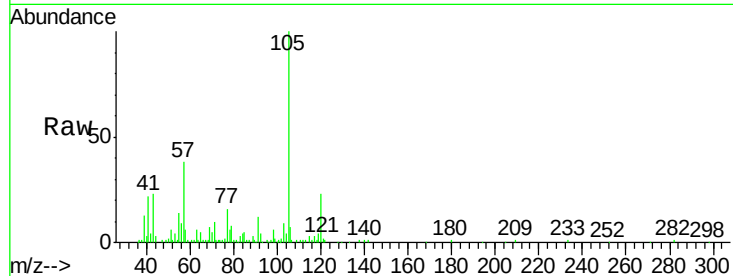
ClientSampled :

SS-8-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	133303		
120	120	29.5	23.7	35.5	
91	91	16.8	10.9	16.3	
77	77	16.9	12.2	18.2	

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#73

1,3,5-Trimethylbenzene

Concen: 0.485 ppbv

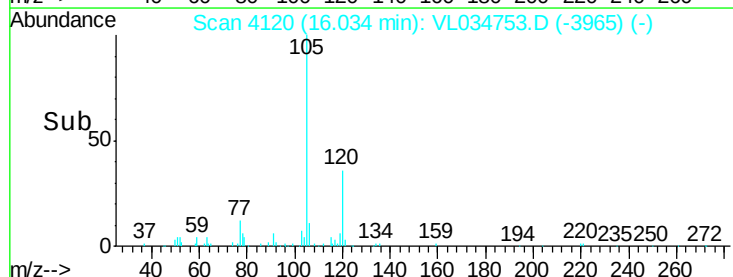
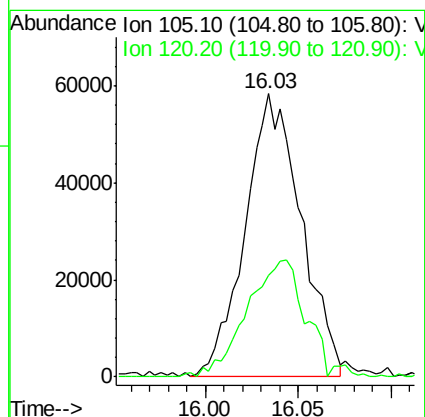
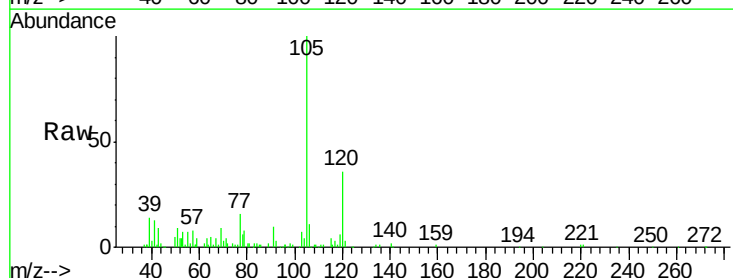
RT: 16.03 min Scan# 4120

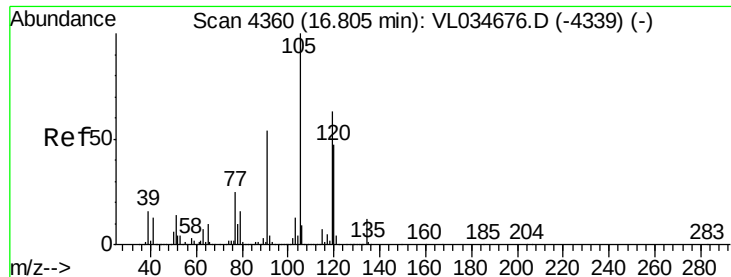
Delta R.T. -0.00 min

Lab File: VL034753.D

Acq: 29 Feb 2020 1:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	121434		
120	120	34.8	37.1	55.7	





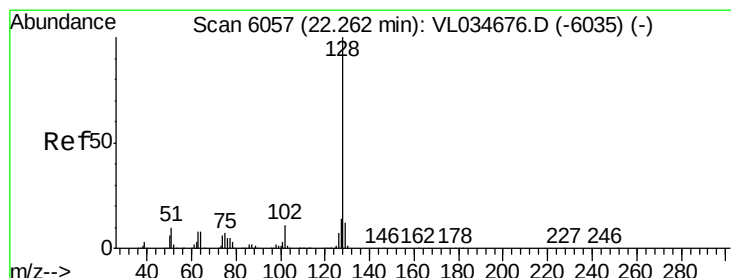
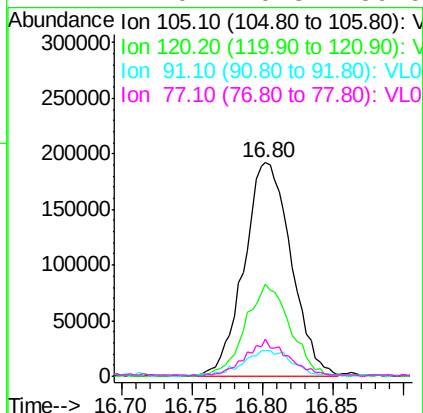
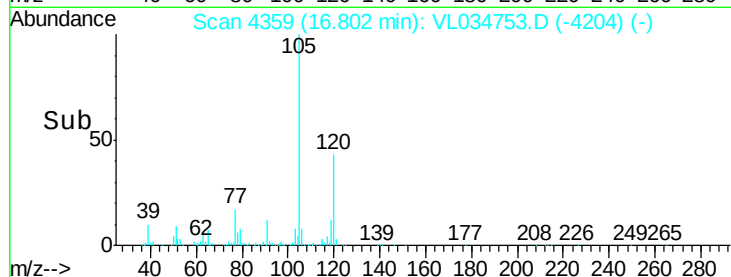
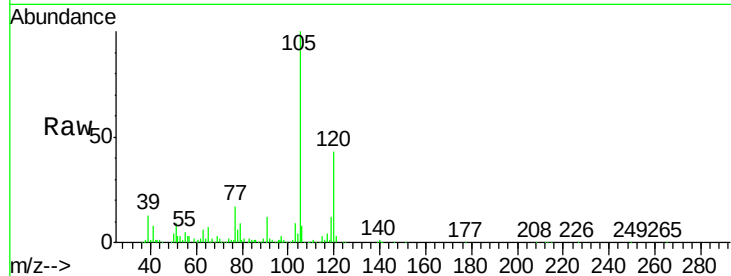
#74
 1,2,4-Trimethylbenzene
 Concen: 1.621 ppbv
 RT: 16.80 min Scan# 4359
 Delta R.T. -0.00 min
 Lab File: VL034753.D
 Acq: 29 Feb 2020 1:48

Instrument :
 MSVOA_L
 ClientSampled :
 SS-8-4

Tot Ion	Ratio	Resp	Lower	Upper
105	100	448444		
120	42.7	37.9	56.9	
91	11.1	43.9	65.9	#
77	17.0	20.3	30.5	#

Manual Integrations
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#79
 Naphthalene
 Concen: 0.178 ppbv m
 RT: 22.27 min Scan# 6060
 Delta R.T. 0.01 min
 Lab File: VL034753.D
 Acq: 29 Feb 2020 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	43223		
127	5.8	11.0	16.6	#
129	15.1	9.4	14.2	#

