

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034150.D
 Acq On : 10 Sep 2019 19:51
 Operator : SY/AP
 Sample : K4775-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:17:02 AM

Quant Time: Sep 11 03:53:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 0
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	637213	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	1289990	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1261470	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1060831	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	21874	0.208	ppbv	96
3) Chlorodifluoromethane	2.97	51	16476m	0.232	ppbv	
4) Chloromethane	3.13	50	26610	0.599	ppbv #	83
5) Vinyl Chloride	3.25	62	1510m	0.037	ppbv	
9) Propene	3.00	41	1431764	36.027	ppbv	98
10) Heptane	8.18	43	319358	3.096	ppbv	99
11) Trichlorofluoromethane	3.95	101	21679	0.253	ppbv #	81
13) Ethanol	3.62	45	464887	59.713	ppbv	97
15) Acetone	3.86	43	11631981m	151.464	ppbv	
17) tert-Butyl alcohol	4.32	59	481888	8.644	ppbv	100
19) Isopropyl Alcohol	3.99	45	1253827	24.189	ppbv #	97
20) Methylene Chloride	4.38	84	20585	0.811	ppbv #	84
26) Hexane	5.72	57	374708	4.999	ppbv #	30
27) Carbon Disulfide	4.56	76	50706	0.750	ppbv #	87
29) Chloroform	5.80	83	14660	0.145	ppbv	84
30) Cyclohexane	7.18	84	86545	1.597	ppbv #	76
32) 1,1,1-Trichloroethane	6.57	97	52538	0.550	ppbv	96
34) 2-Butanone	5.28	43	3971085	32.021	ppbv	94
35) Carbon Tetrachloride	7.07	117	4928m	0.049	ppbv	
36) Benzene	6.95	78	410410	2.783	ppbv	96
38) Trichloroethene	7.90	130	23354m	0.424	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	599026m	2.204	ppbv	
50) 4-Methyl-2-Pentanone	8.81	43	119238	0.630	ppbv	100
51) 2-Hexanone	10.19	43	1170271	7.158	ppbv #	99
52) Tetrachloroethene	11.30	164	446254	8.583	ppbv	98
53) Toluene	9.88	91	1502566	9.214	ppbv	99
58) Ethyl Benzene	12.79	91	288449m	1.394	ppbv	
59) m/p-Xylene	13.05	91	751135	4.451	ppbv	100
60) o-Xylene	13.78	91	270298	1.608	ppbv	99
61) Styrene	13.61	104	20644	0.164	ppbv	91
64) n-propylbenzene	15.65	120	19692m	0.359	ppbv	
70) n-Butylbenzene	18.66	91	56158m	0.227	ppbv	
72) 4-Ethyltoluene	15.93	105	98166	0.518	ppbv	94
73) 1,3,5-Trimethylbenzene	16.09	105	70687	0.384	ppbv	98
74) 1,2,4-Trimethylbenzene	16.85	105	279389	1.472	ppbv #	71
79) Naphthalene	22.32	128	46724m	0.272	ppbv	
80) Naphthalene,2-methyl-	25.06	142	6838	0.115	ppbv #	89

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

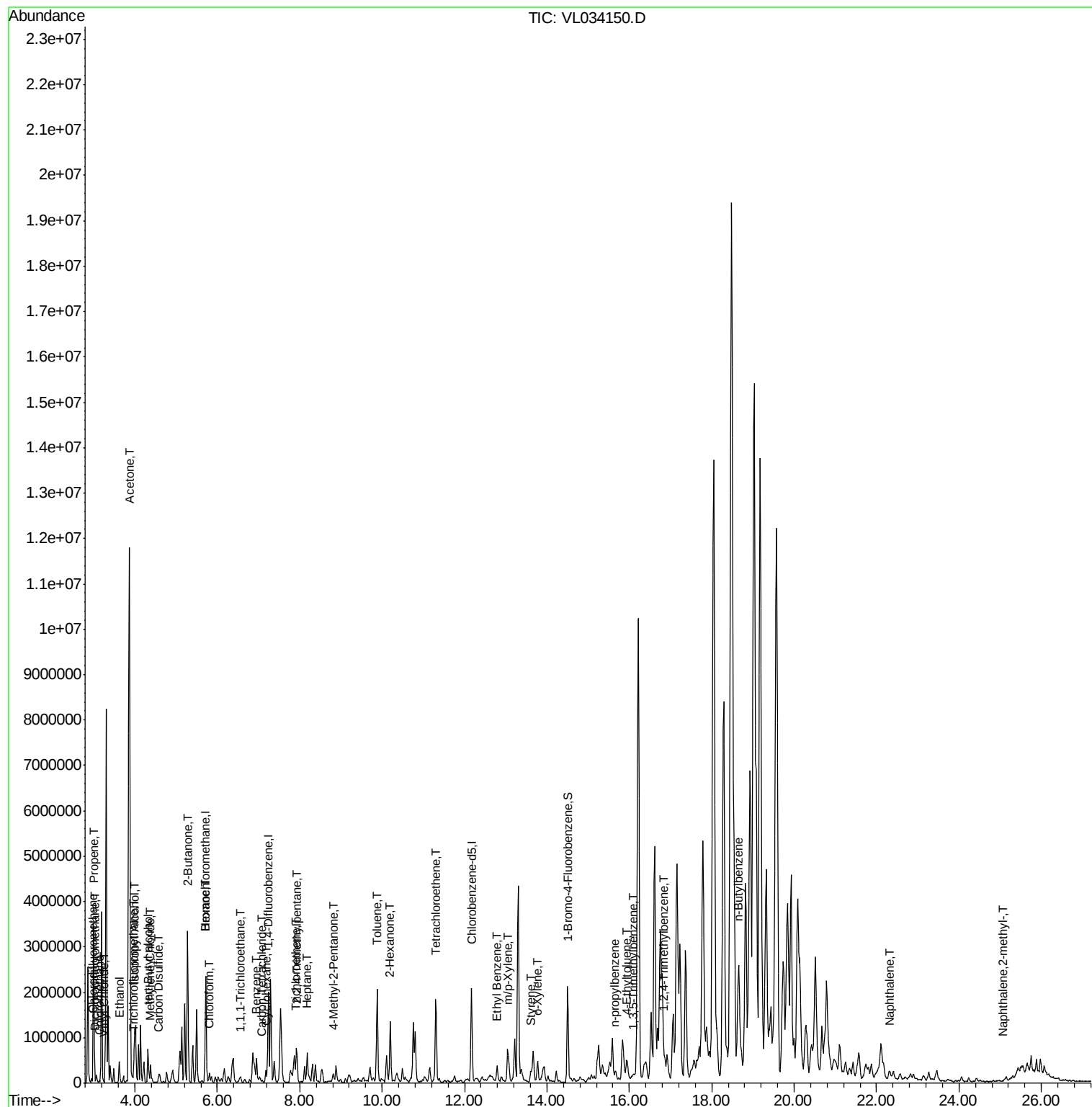
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
Data File : VL034150.D
Acq On : 10 Sep 2019 19:51
Operator : SY/AP
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ALS Vial : 1 Sample Multiplier: 1

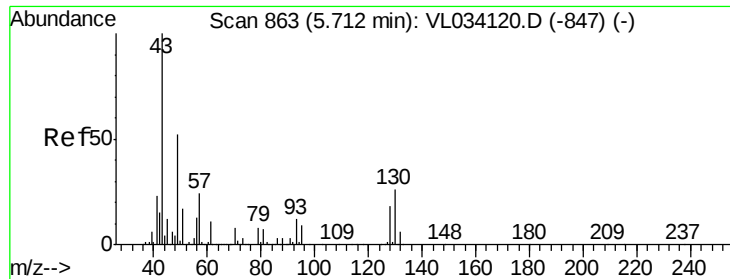
Instrument :
MSVOA_L
ClientSampleId :
SV4

Manual Integrations
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Quant Time: Sep 11 03:53:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 912

Delta R.T. 0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

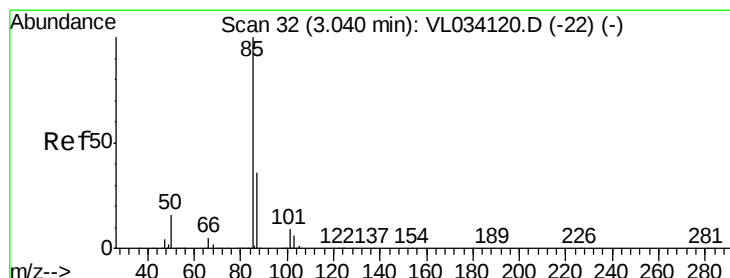
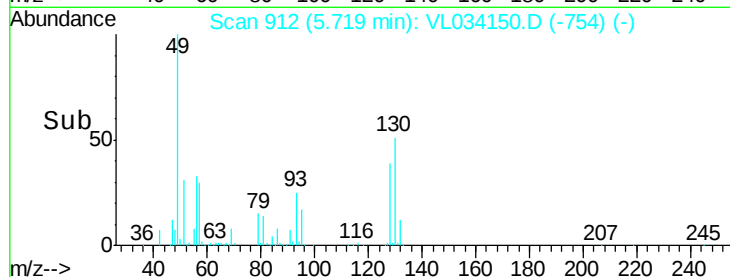
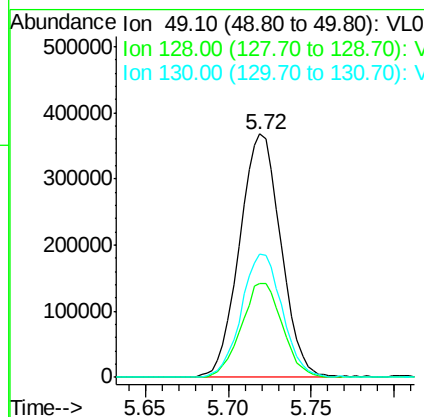
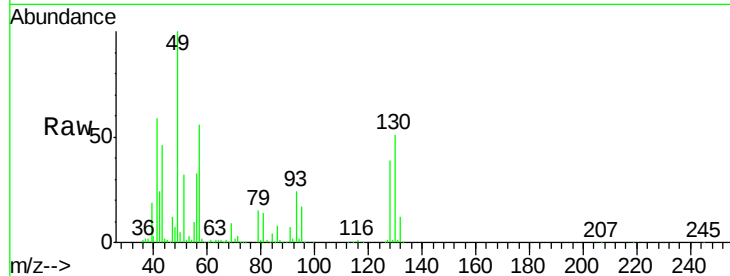
ClientSampled :

SV4

Tot Ion	Ratio	Lower	Upper
49	100		
128	38.8	18.4	55.0
130	50.0	23.5	70.6

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.208 ppbv

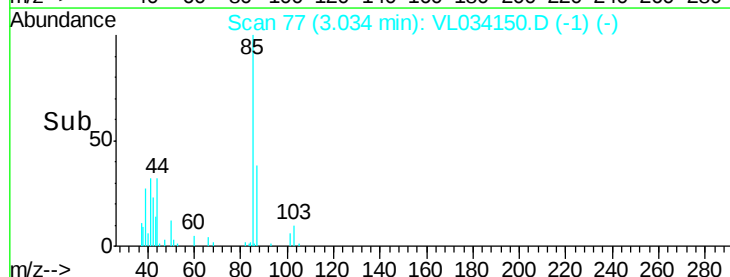
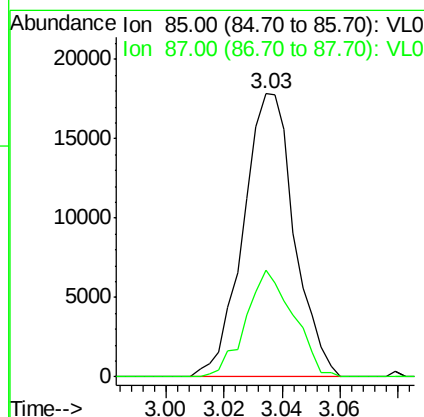
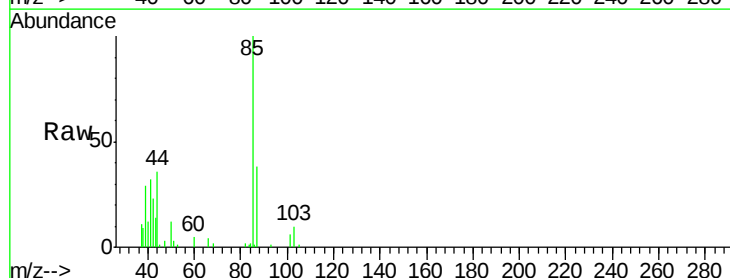
RT: 3.03 min Scan# 77

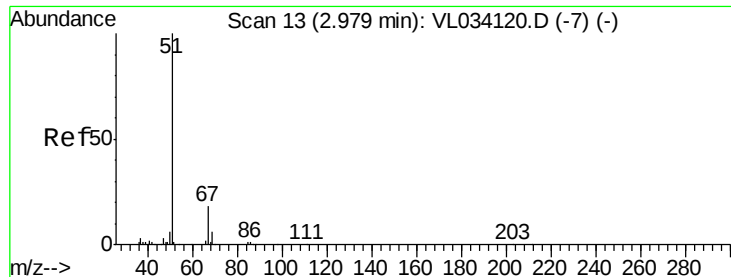
Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	37.9	28.6	43.0





#3

Chlorodifluoromethane

Concen: 0.232 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

ClientSampleId :

SV4

Tot Ion: 51 Resp: 16476

Ion Ratio Lower Upper

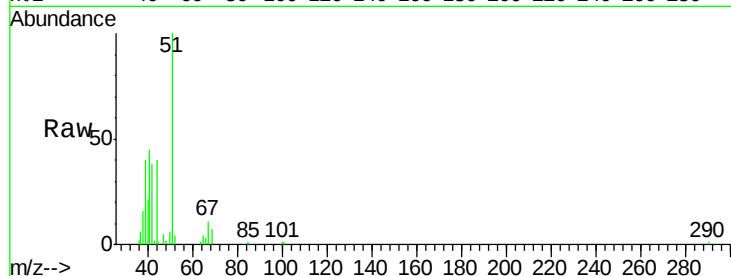
51 100

67 23.1 14.2 21.4#

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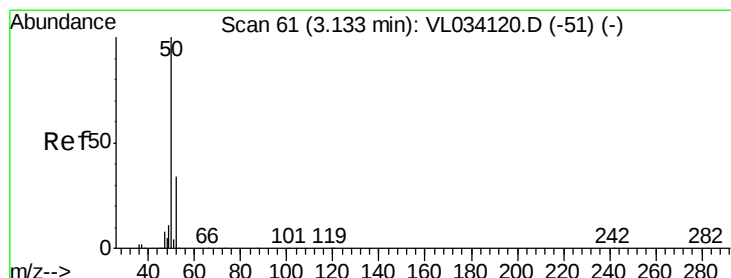
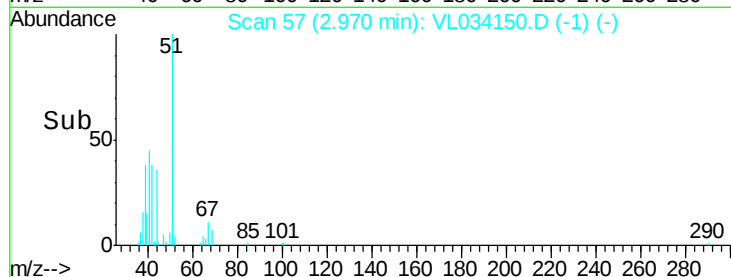
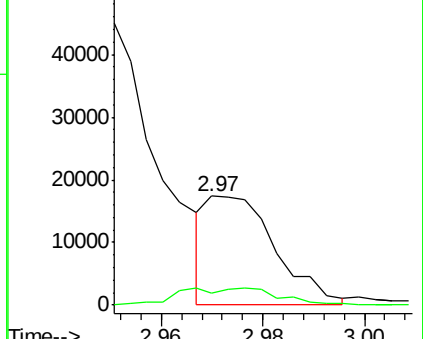
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.599 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL034150.D

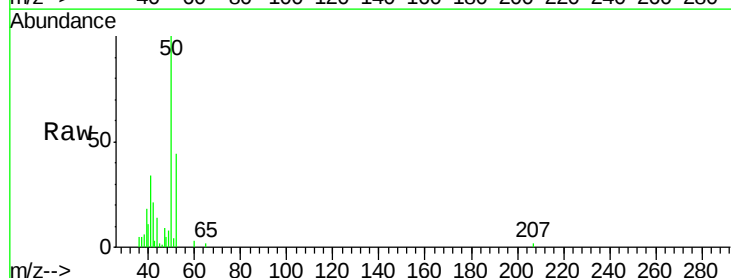
Acq: 10 Sep 2019 19:51

Tgt Ion: 50 Resp: 26610

Ion Ratio Lower Upper

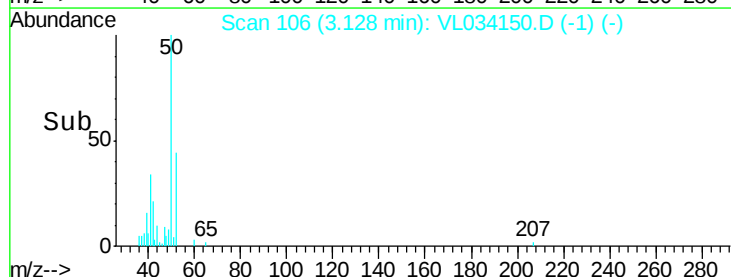
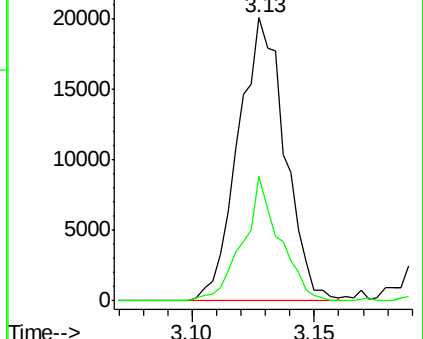
50 100

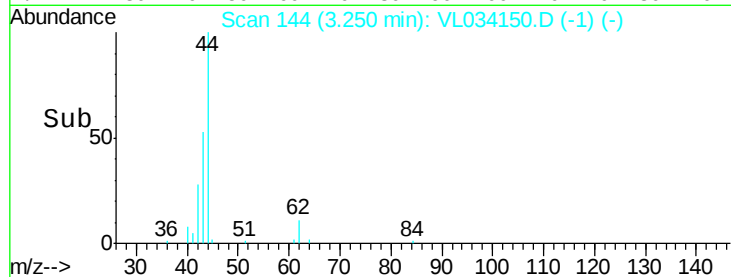
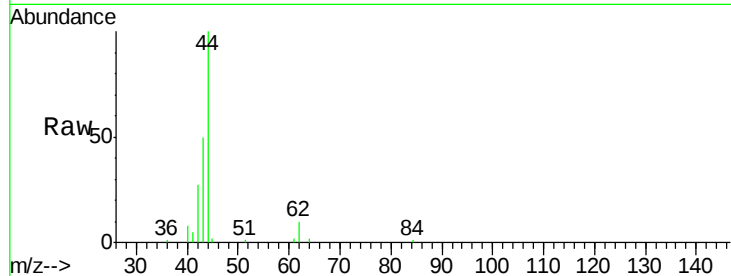
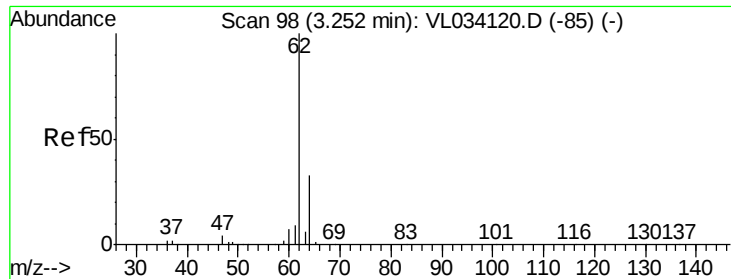
52 44.2 27.4 41.2#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.037 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.00 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Tot Ion: 62 Resp: 1510

Ion Ratio Lower Upper

62 100

64 14.8 26.6 39.8#

Instrument :

MSVOA_L

ClientSampled :

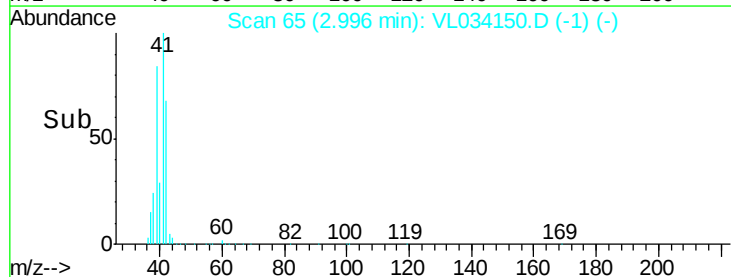
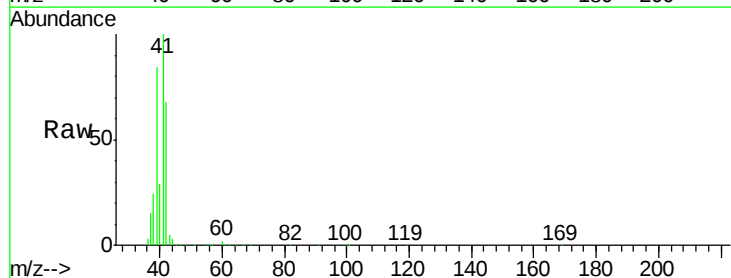
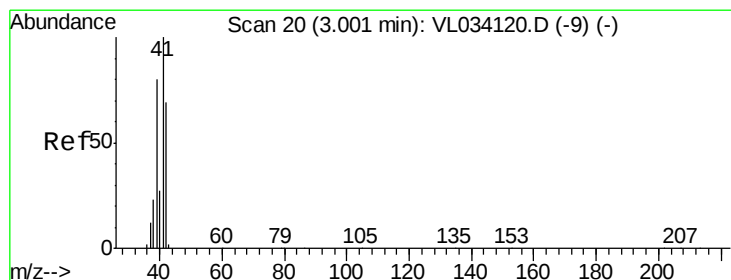
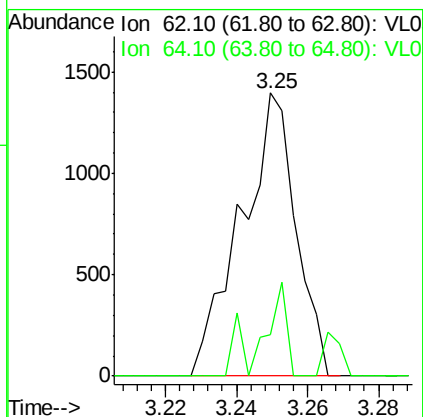
SV4

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#9

Propene

Concen: 36.027 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL034150.D

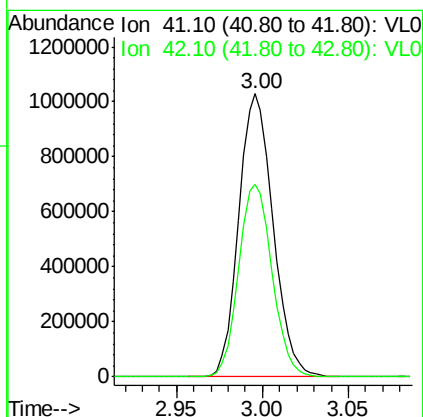
Acq: 10 Sep 2019 19:51

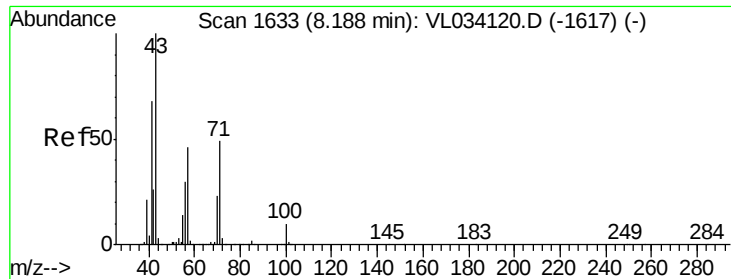
Tgt Ion: 41 Resp: 1431764

Ion Ratio Lower Upper

41 100

42 66.5 54.6 81.8





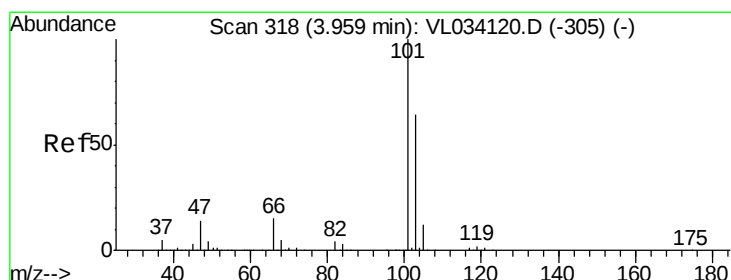
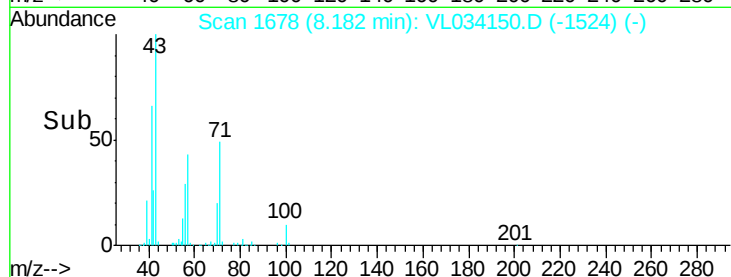
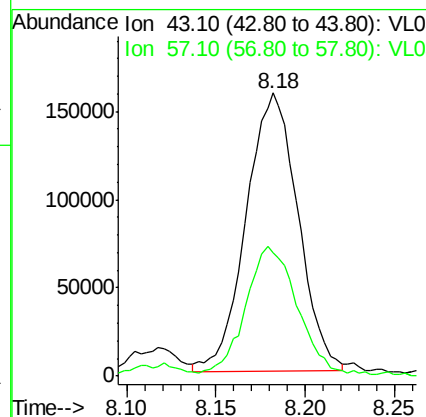
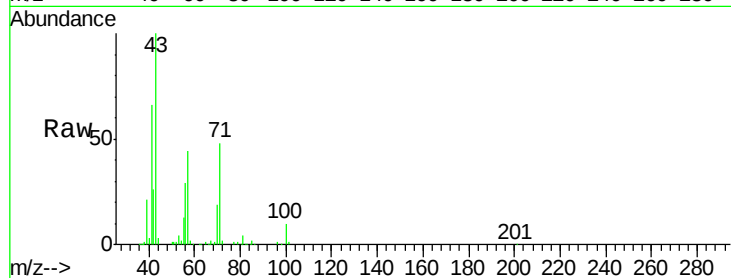
#10
Heptane
Concen: 3.096 ppbv
RT: 8.18 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion: 43 Resp: 319358
Ion Ratio Lower Upper
43 100
57 47.1 38.1 57.1

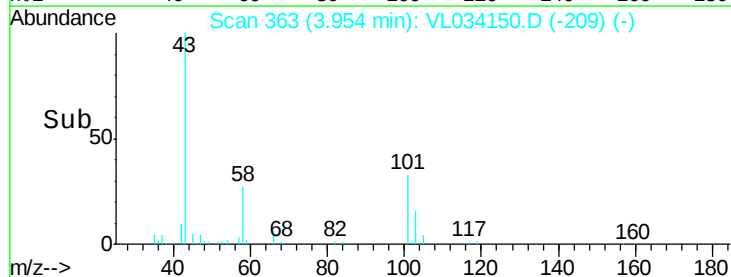
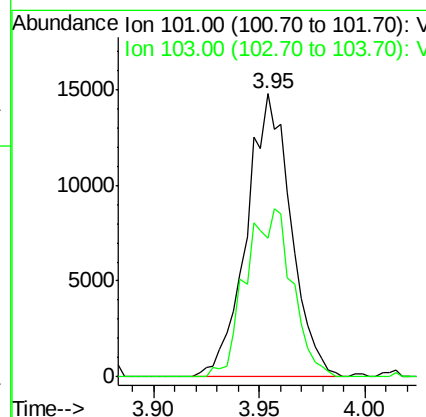
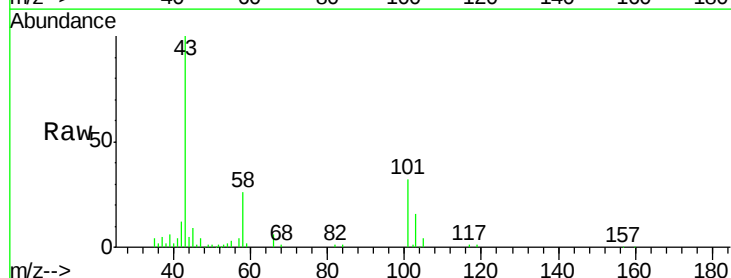
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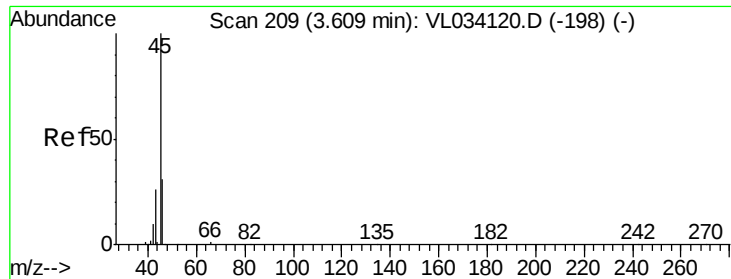
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#11
Trichlorofluoromethane
Concen: 0.253 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Tgt Ion: 101 Resp: 21679
Ion Ratio Lower Upper
101 100
103 49.2 51.4 77.2#





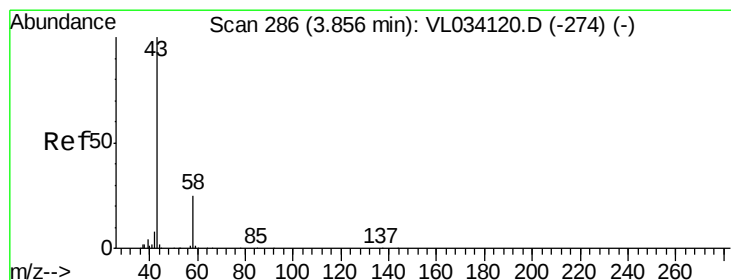
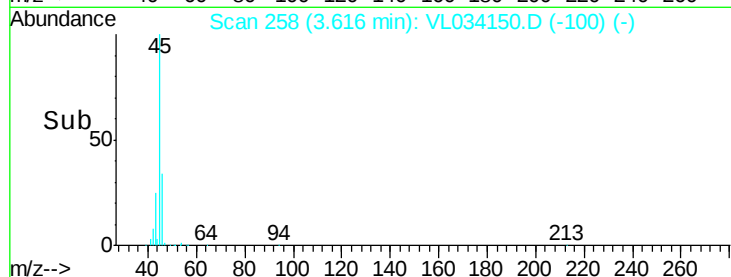
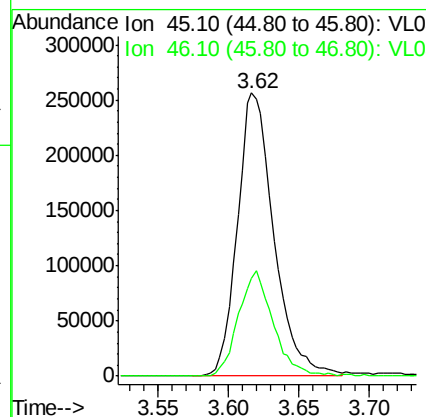
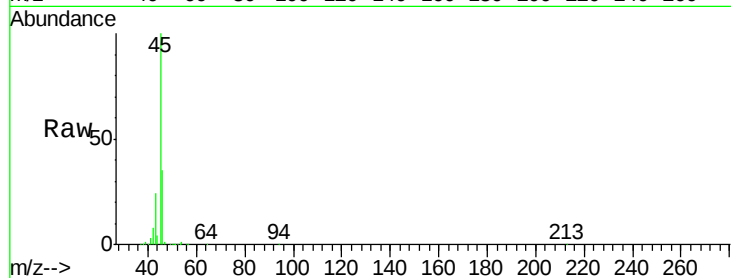
#13
Ethanol
Concen: 59.713 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion	Ratio	Lower	Upper
45	100		
46	35.9	15.0	60.0

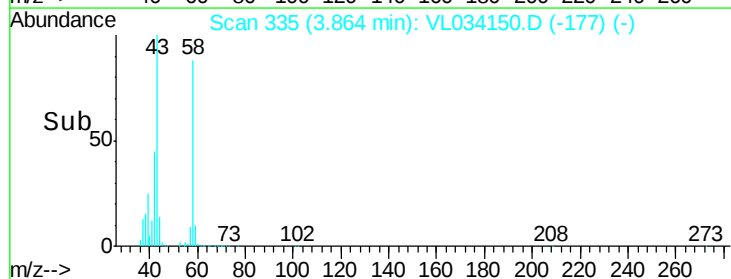
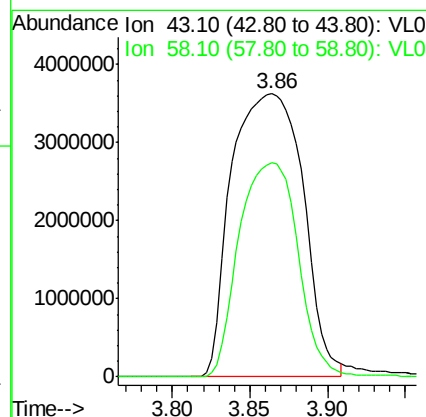
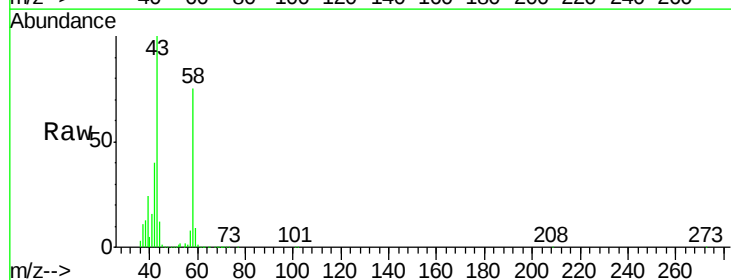
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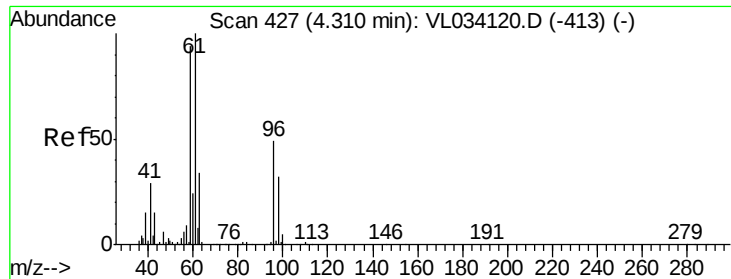
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#15
Acetone
Concen: 151.464 ppbv m
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	62.7	20.6	30.8#





#17

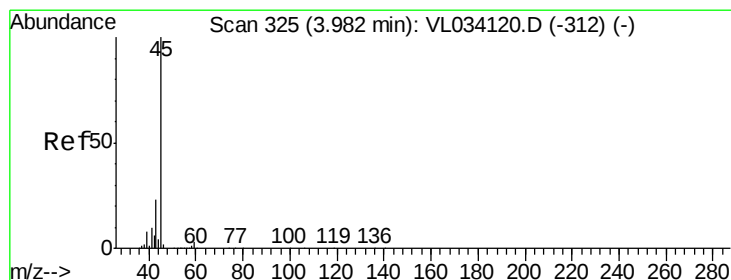
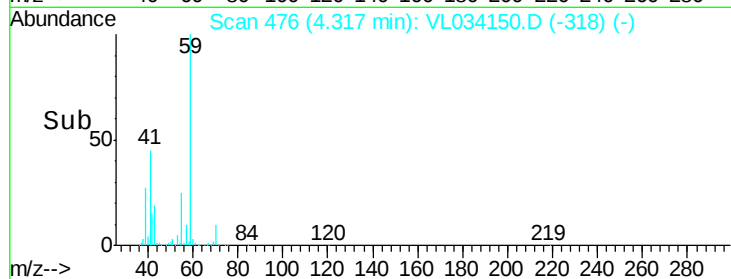
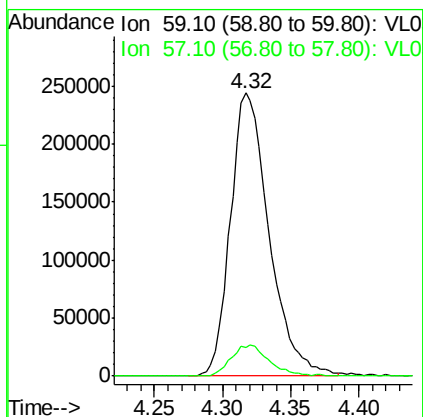
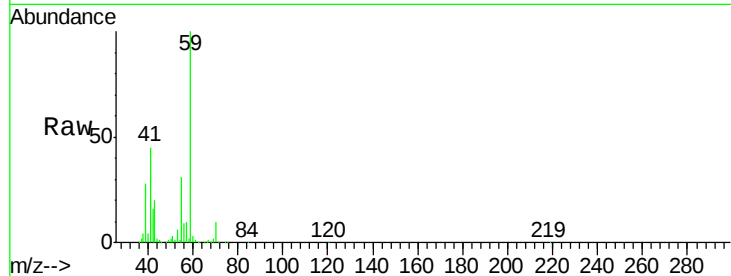
tert-Butyl alcohol
Concen: 8.644 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion: 59 Resp: 481888
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
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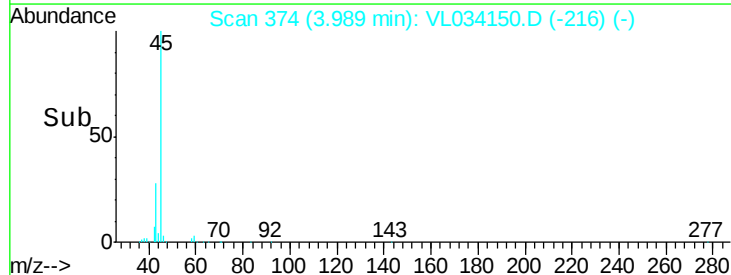
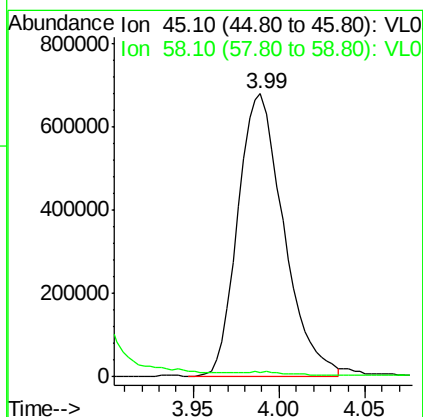
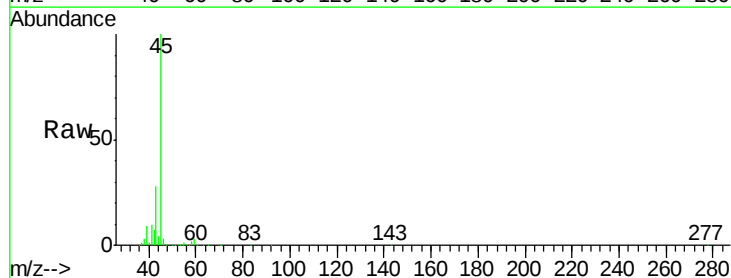
MMDadoda
9/12/2019 5:17:02 AM

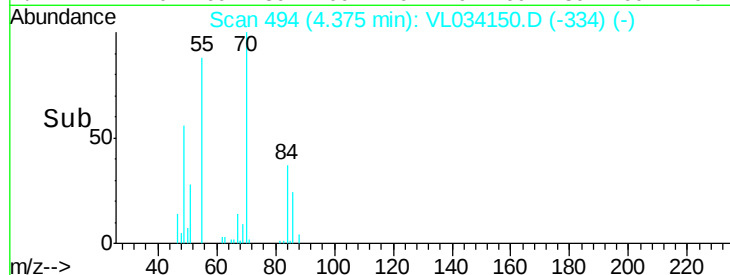
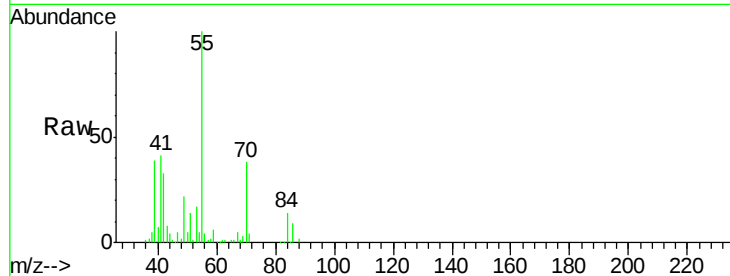
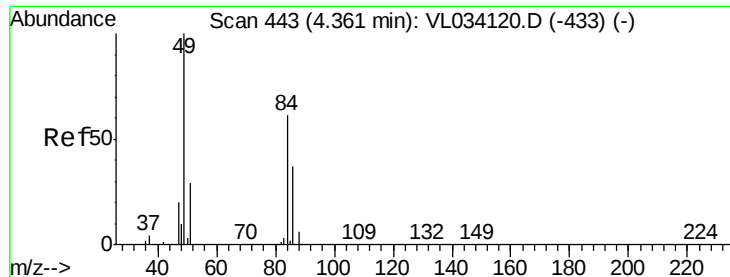


#19

Isopropyl Alcohol
Concen: 24.189 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Tgt Ion: 45 Resp: 1253827
Ion Ratio Lower Upper
45 100
58 0.0 1.0 1.6#





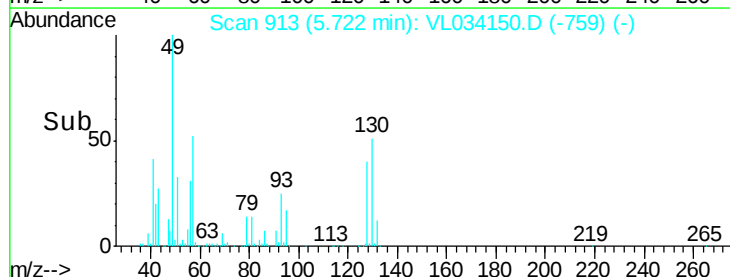
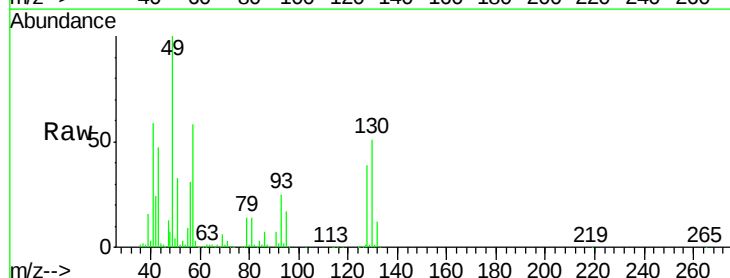
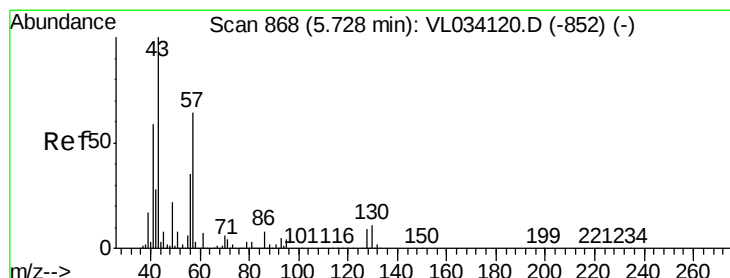
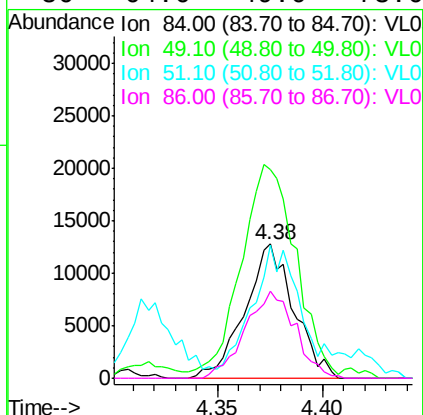
#20
Methvlene Chloride
Concen: 0.811 ppbv
RT: 4.38 min Scan# 494
Delta R.T. 0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Tot Ion	Ratio	Lower	Upper
84	100		
49	152.7	131.0	196.6
51	85.3	38.1	57.1#
86	64.6	49.0	73.6

Instrument :
MSVOA_L
ClientSampleId :
SV4

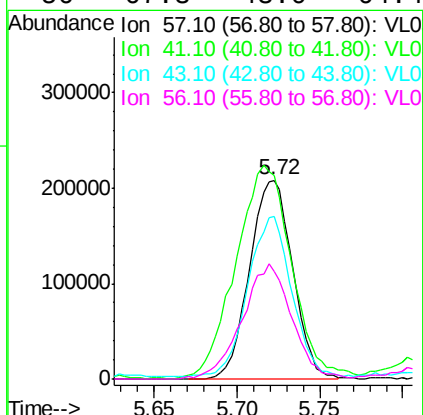
Manual Integrations
APPROVED

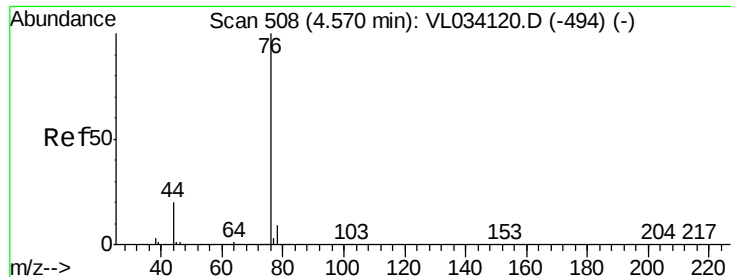
MMDadoda
9/12/2019 5:17:02 AM



#26
Hexane
Concen: 4.999 ppbv
RT: 5.72 min Scan# 913
Delta R.T. -0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Tgt Ion	Ratio	Lower	Upper
57	100		
41	138.7	76.6	115.0#
43	82.4	189.2	283.8#
56	67.3	43.0	64.4#





#27

Carbon Disulfide

Concen: 0.750 ppbv

RT: 4.56 min Scan# 553

Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

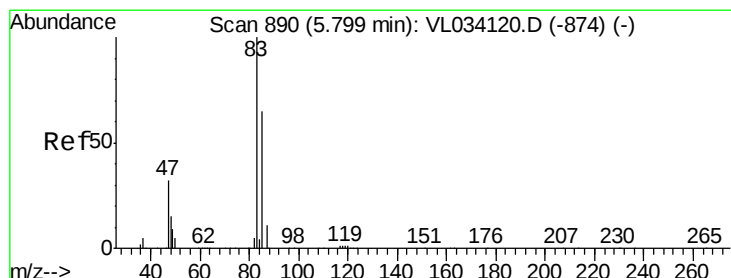
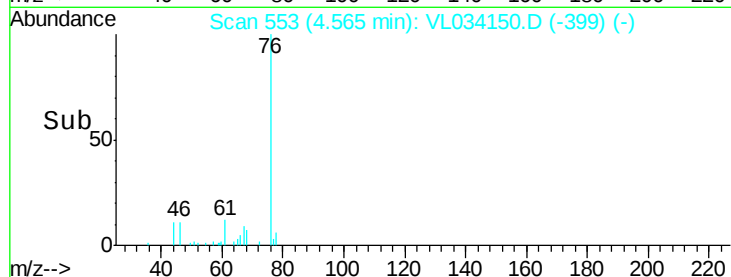
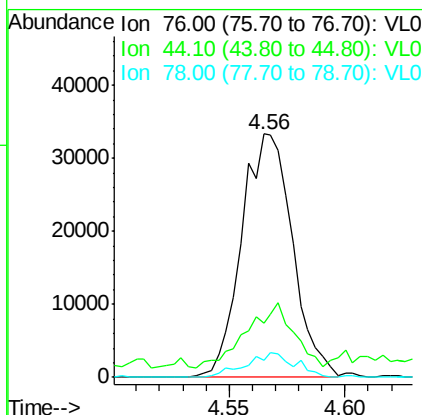
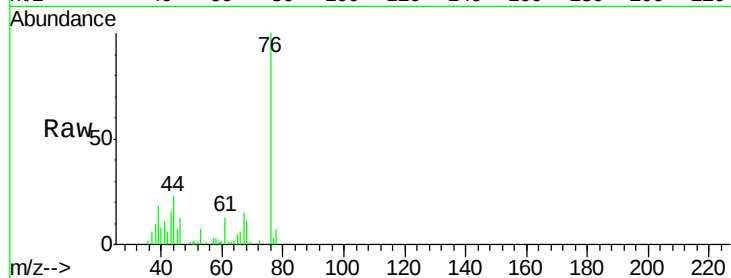
ClientSampleId :

SV4

Tot Ion:	76	Resp:	50706
Ion	Ratio	Lower	Upper
76	100		
44	30.0	17.6	26.4#
78	9.9	7.3	10.9

Manual Integrations
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#29

Chloroform

Concen: 0.145 ppbv

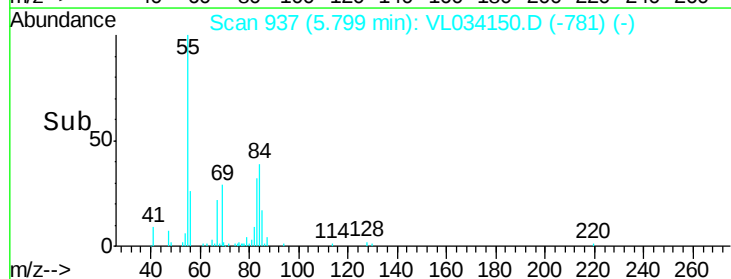
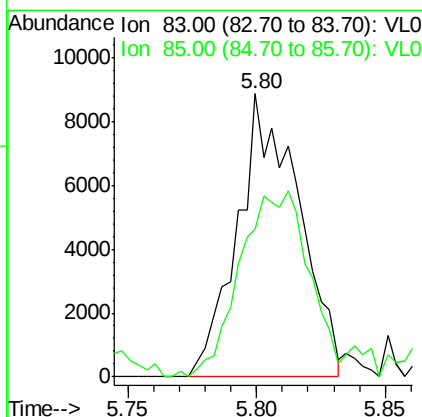
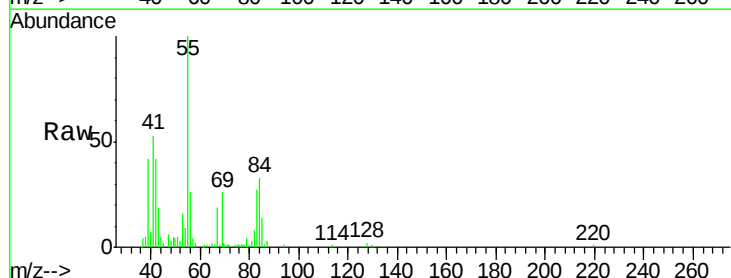
RT: 5.80 min Scan# 937

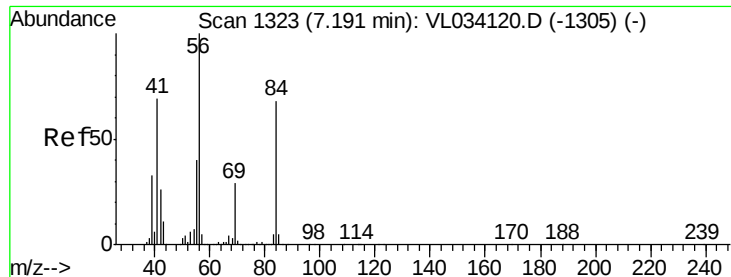
Delta R.T. 0.00 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Tgt Ion:	83	Resp:	14660
Ion	Ratio	Lower	Upper
83	100		
85	52.4	51.8	77.6





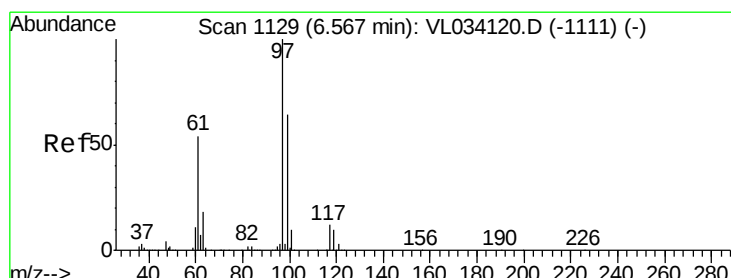
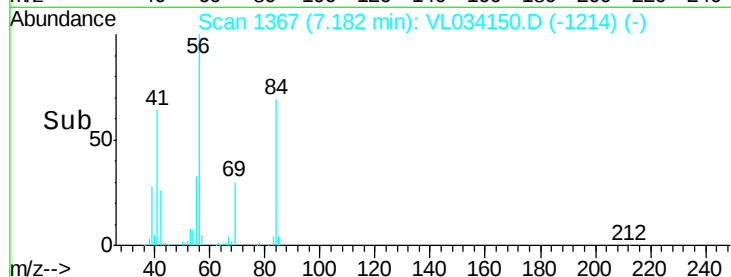
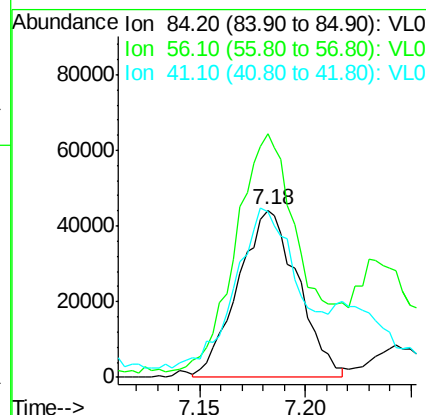
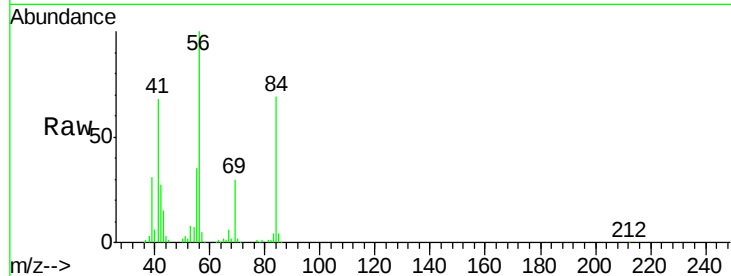
#30
Cvclohexane
Concen: 1.597 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion	Ratio	Lower	Upper
84	100		
56	163.1	122.6	183.8
41	148.8	79.1	118.7#

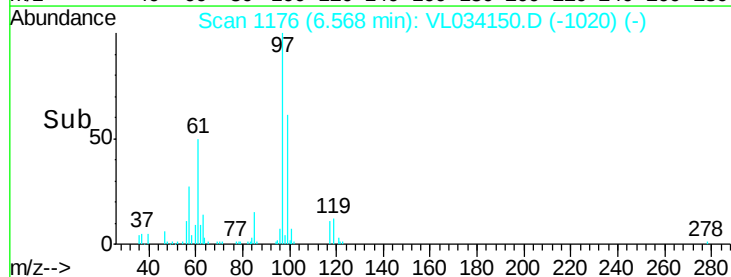
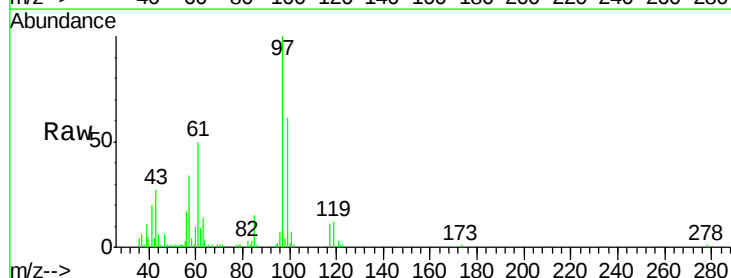
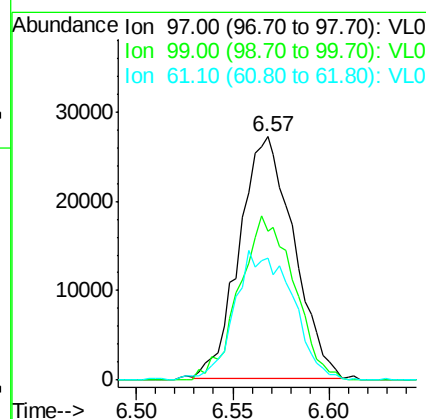
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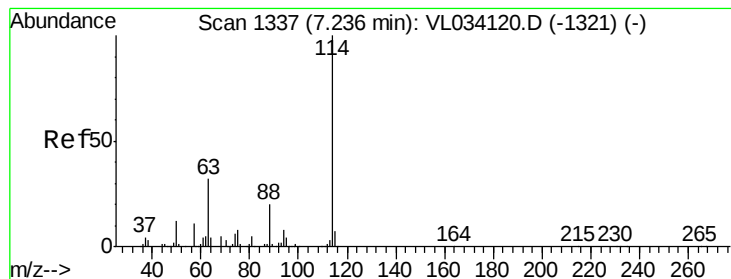
MMDadoda
9/12/2019 5:17:02 AM



#32
1,1,1-Trichloroethane
Concen: 0.550 ppbv
RT: 6.57 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.5	51.7	77.5
61	57.0	44.0	66.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.24 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

ClientSampled :

SV4

Tot Ion:114 Resp: 1289990

Ion Ratio Lower Upper

114 100

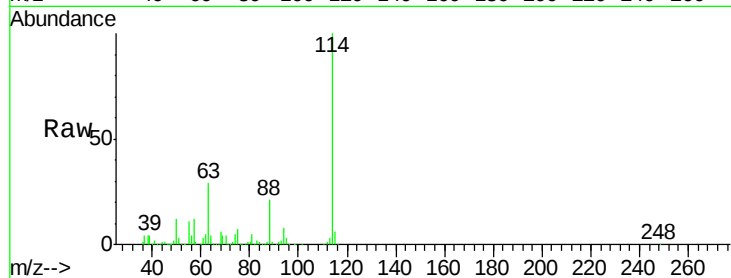
63 29.4 25.5 38.3

88 20.2 16.8 25.2

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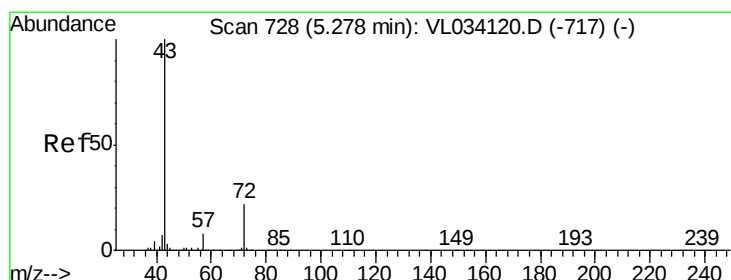
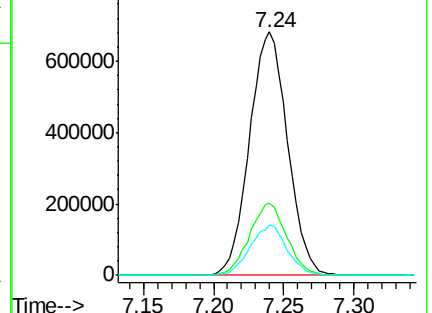
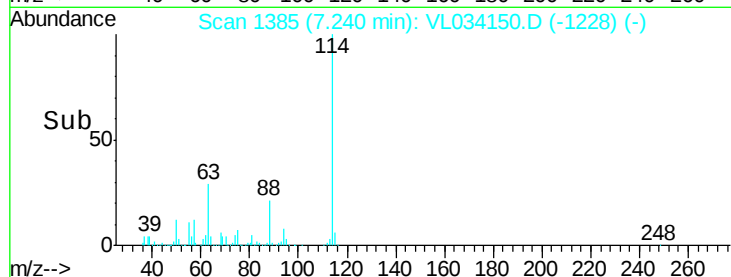
9/12/2019 5:17:02 AM



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 32.021 ppbv

RT: 5.28 min Scan# 774

Delta R.T. -0.00 min

Lab File: VL034150.D

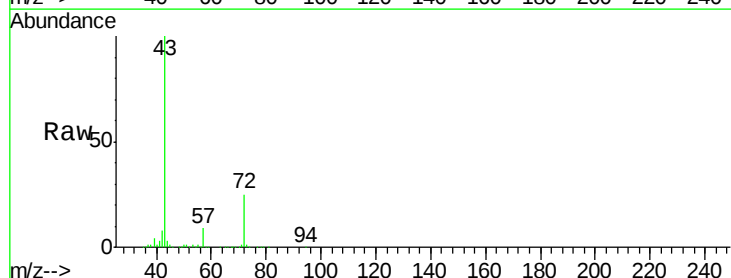
Acq: 10 Sep 2019 19:51

Tgt Ion: 43 Resp: 3971085

Ion Ratio Lower Upper

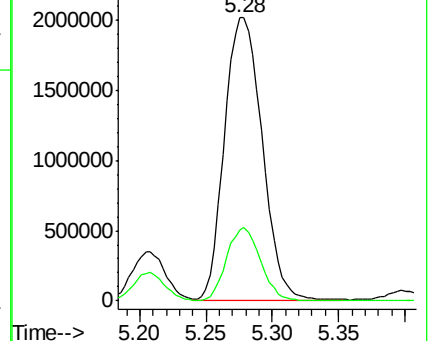
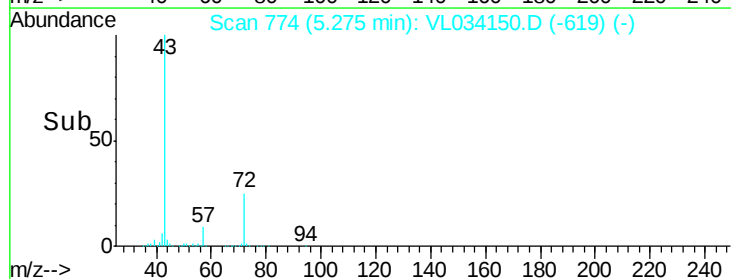
43 100

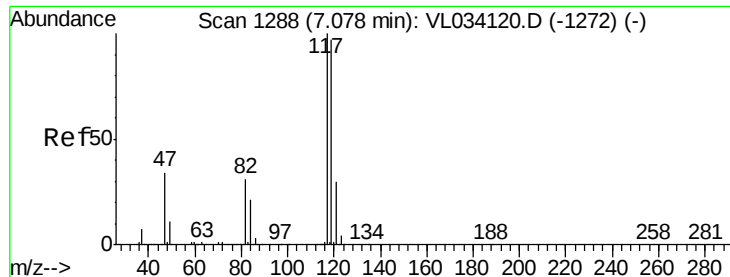
72 23.5 16.5 24.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.049 ppbv m

RT: 7.07 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

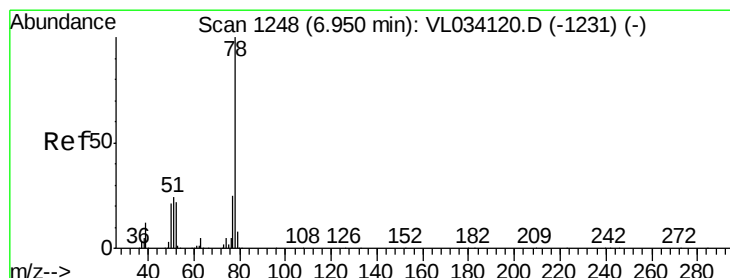
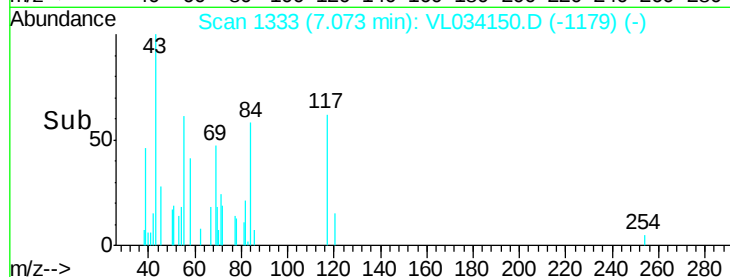
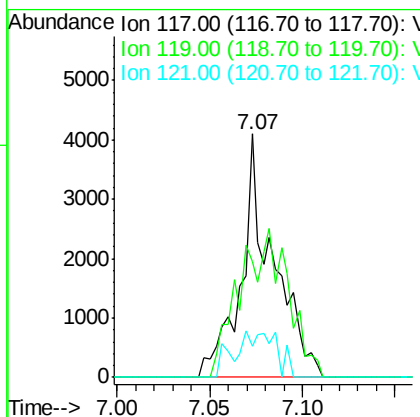
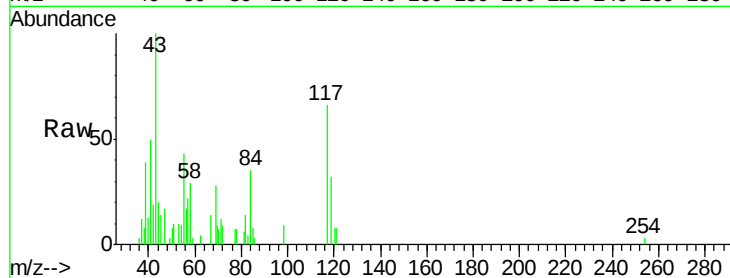
ClientSampled :

SV4

Tot Ion:	117	Resp:	4928
Ion Ratio	Lower	Upper	
117	100		
119	47.6	77.2	115.8#
121	12.8	24.2	36.4#

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#36

Benzene

Concen: 2.783 ppbv

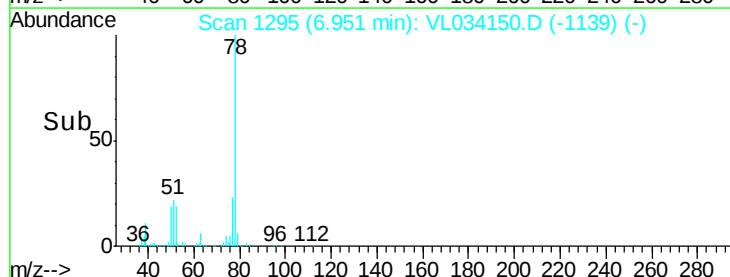
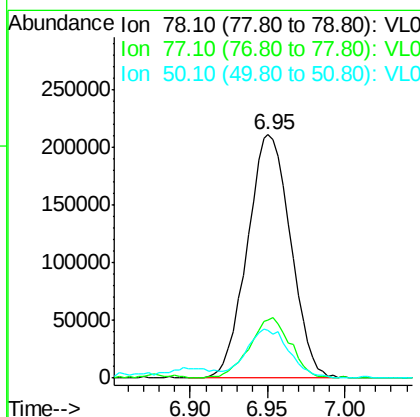
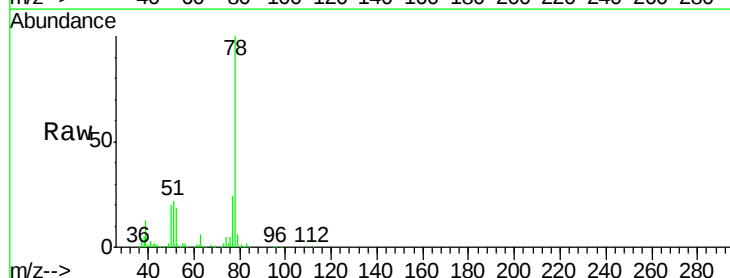
RT: 6.95 min Scan# 1295

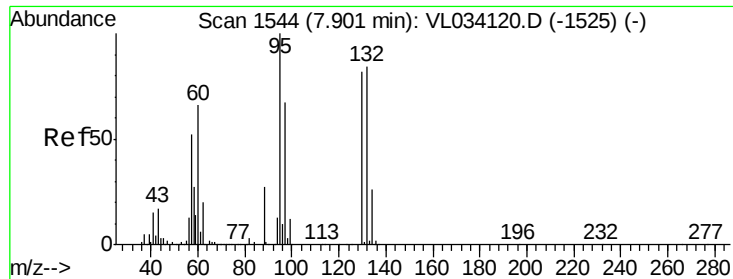
Delta R.T. 0.00 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Tgt Ion:	78	Resp:	410410
Ion Ratio	Lower	Upper	
78	100		
77	23.5	20.3	30.5
50	18.9	16.9	25.3





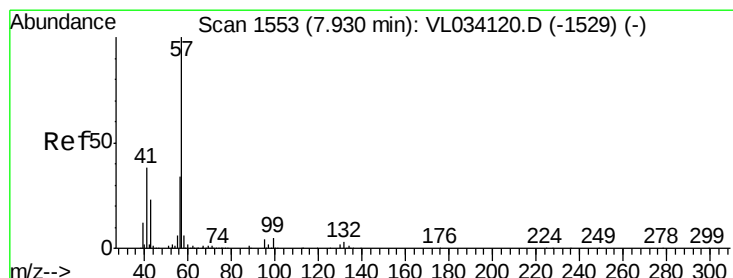
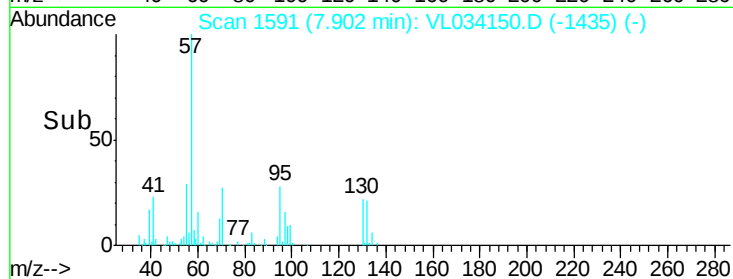
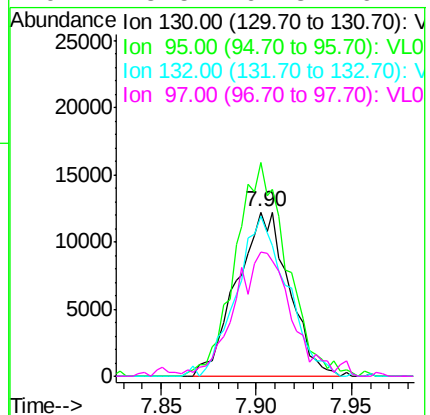
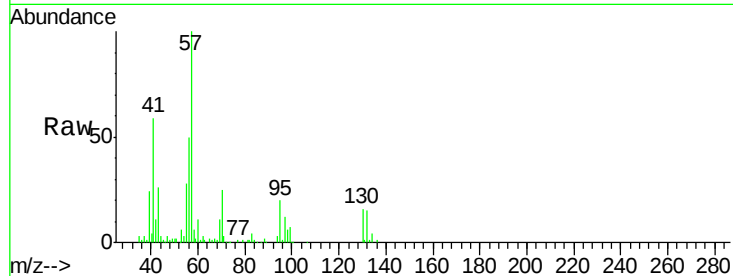
#38
 Trichloroethene
 Concen: 0.424 ppbv m
 RT: 7.90 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: VL034150.D
 Acq: 10 Sep 2019 19:51

Instrument :
 MSVOA_L
 ClientSampled :
 SV4

Tot Ion	Ratio	Resp	Lower	Upper
130	100	23354		
95	130.3		97.2	145.8
132	97.9		81.4	122.2
97	75.5		64.8	97.2

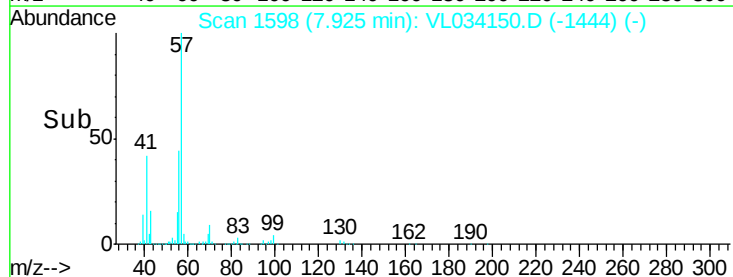
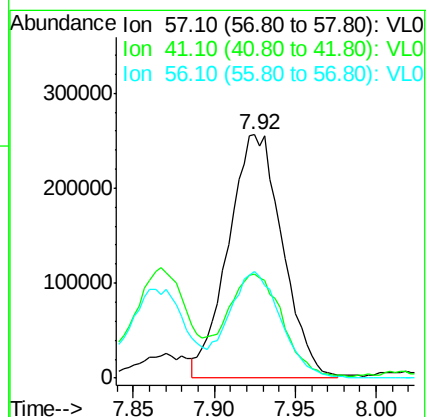
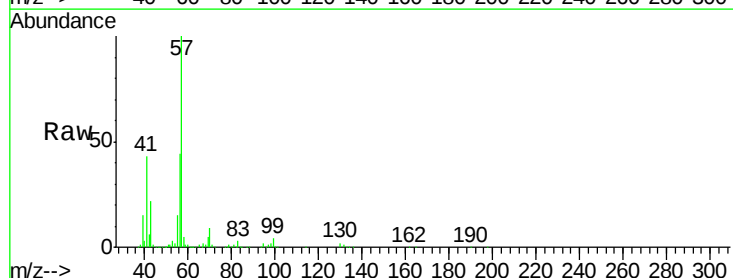
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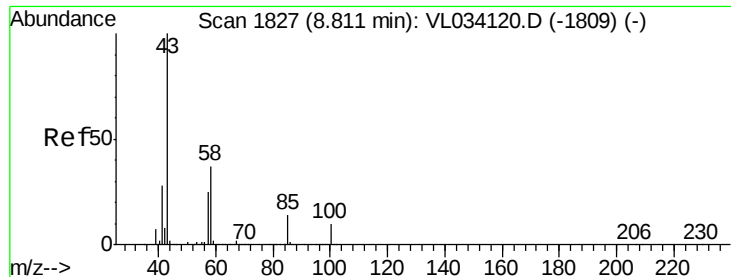
MMDadoda
 9/12/2019 5:17:02 AM



#44
 2,2,4-Trimethylpentane
 Concen: 2.204 ppbv m
 RT: 7.92 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: VL034150.D
 Acq: 10 Sep 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
57	100	599026		
41	41.0		28.4	42.6
56	44.0		26.3	39.5#





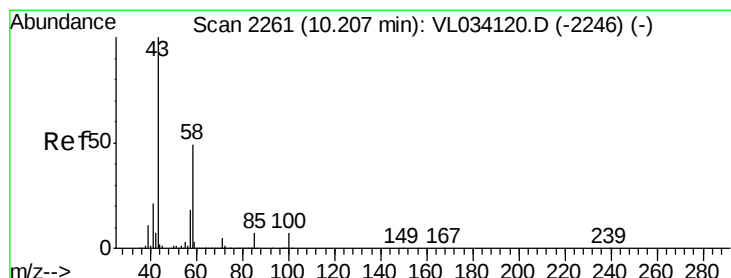
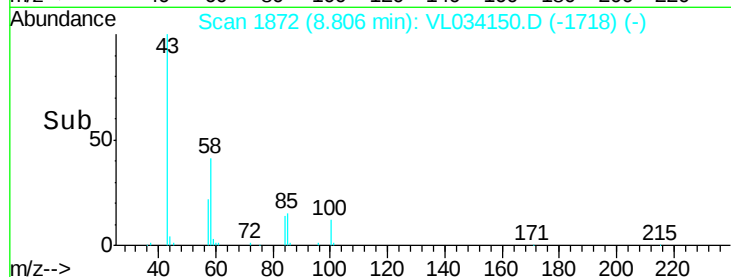
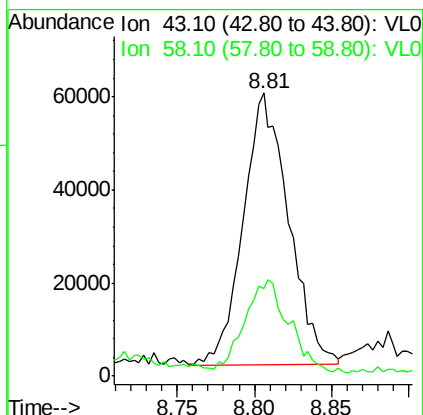
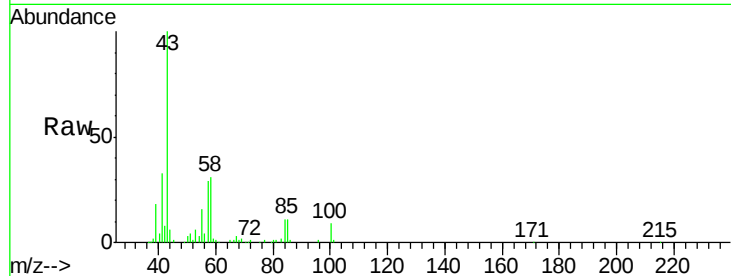
#50
4-Methyl-2-Pentanone
Concen: 0.630 ppbv
RT: 8.81 min Scan# 1872
Delta R.T. -0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.5	42.7

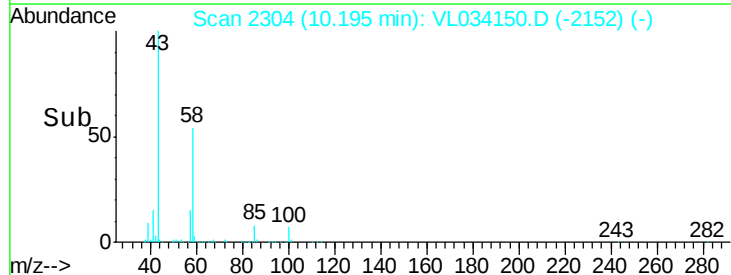
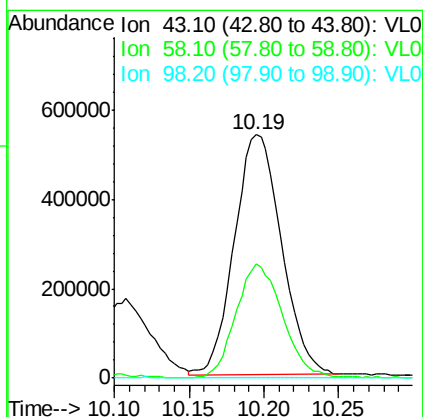
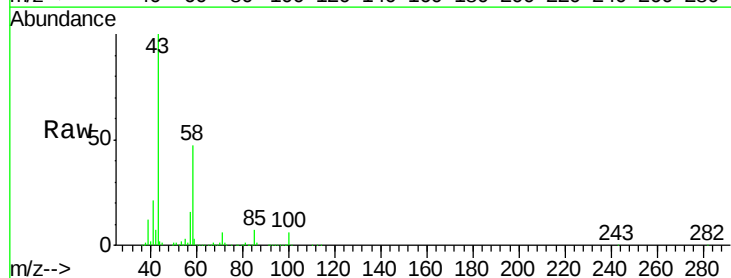
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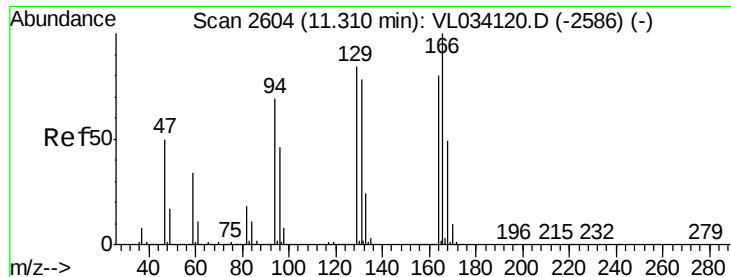
MMDadoda
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#51
2-Hexanone
Concen: 7.158 ppbv
RT: 10.19 min Scan# 2304
Delta R.T. -0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.3	38.2	57.2
98	0.0	0.1	0.1#





#52

Tetrachloroethene

Concen: 8.583 ppbv

RT: 11.30 min Scan# 2649

Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

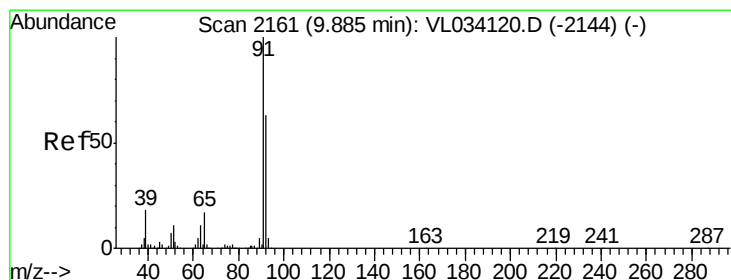
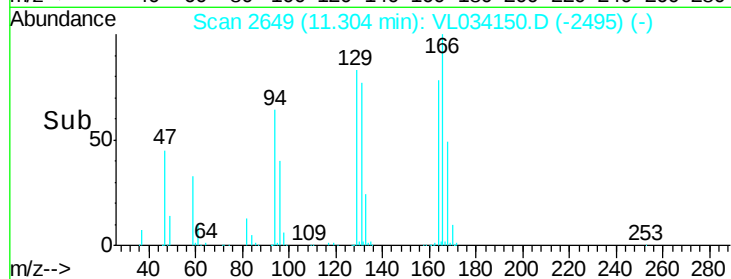
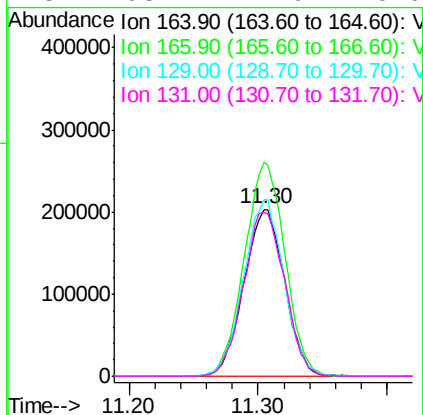
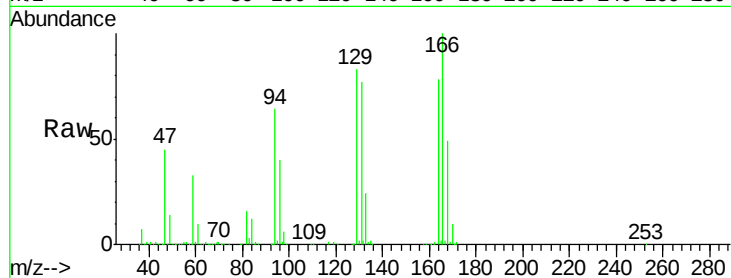
ClientSampled :

SV4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
166	128.1	99.5	149.3		
129	106.2	83.6	125.4		
131	98.1	77.9	116.9		

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#53

Toluene

Concen: 9.214 ppbv

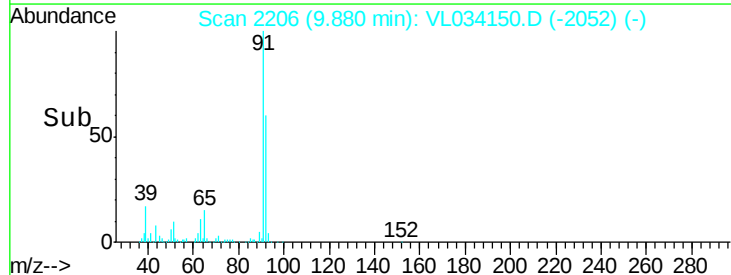
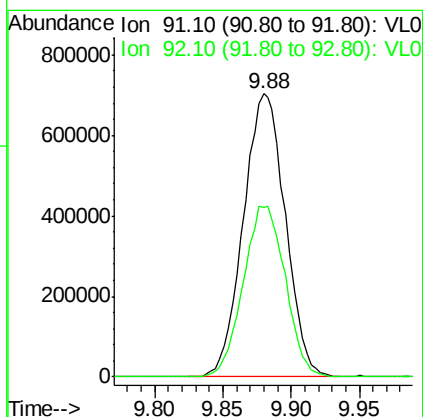
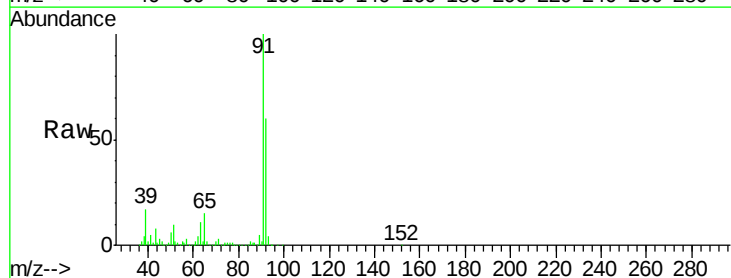
RT: 9.88 min Scan# 2206

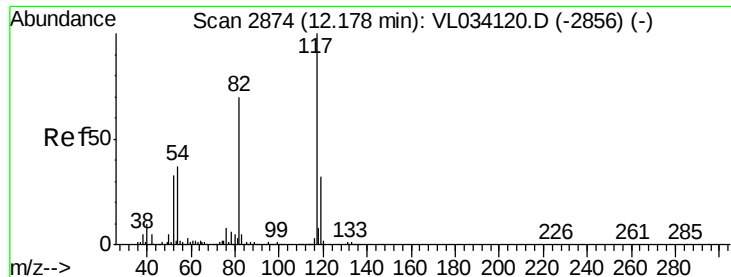
Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	60.5	49.3	73.9		





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.17 min Scan# 2918

Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

ClientSampled :

SV4

Tot Ion:117 Resp: 1261470

Ion Ratio Lower Upper

117 100

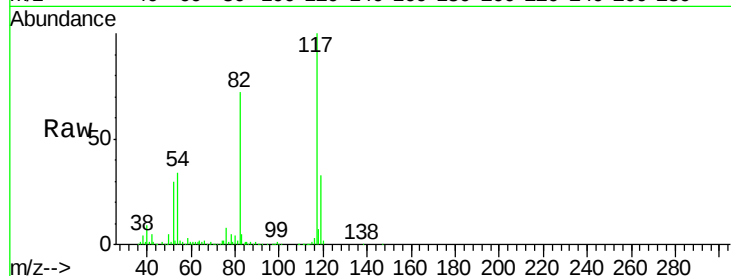
82 71.5 55.8 83.6

119 32.9 43.1 64.7#

Manual Integrations
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MMDadoda

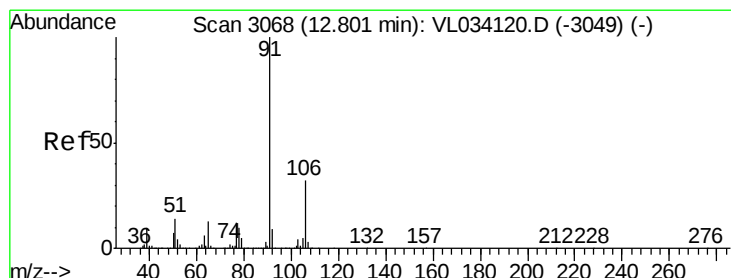
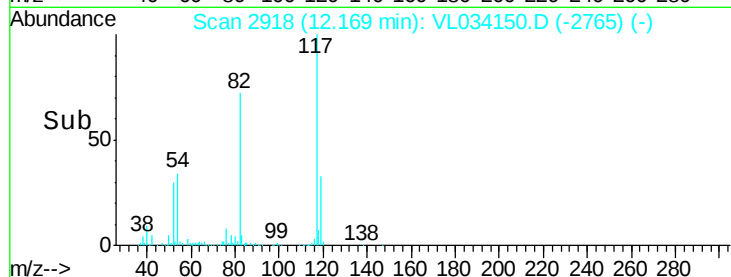
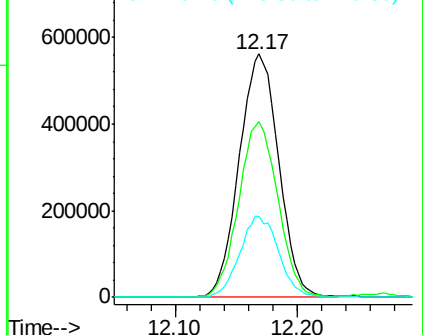
9/12/2019 5:17:02 AM



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 1.394 ppbv m

RT: 12.79 min Scan# 3111

Delta R.T. -0.01 min

Lab File: VL034150.D

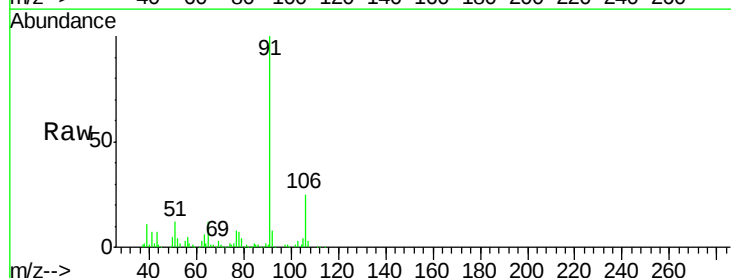
Acq: 10 Sep 2019 19:51

Tgt Ion: 91 Resp: 288449

Ion Ratio Lower Upper

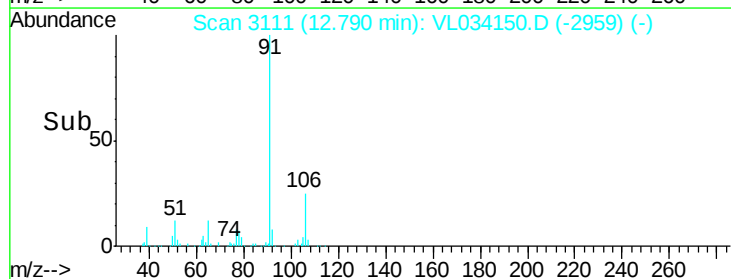
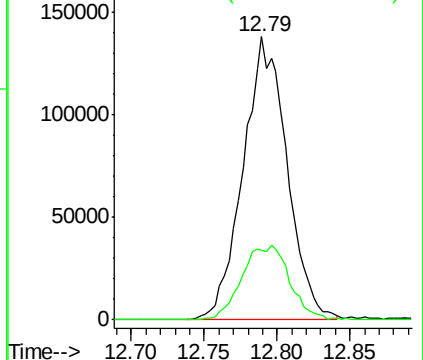
91 100

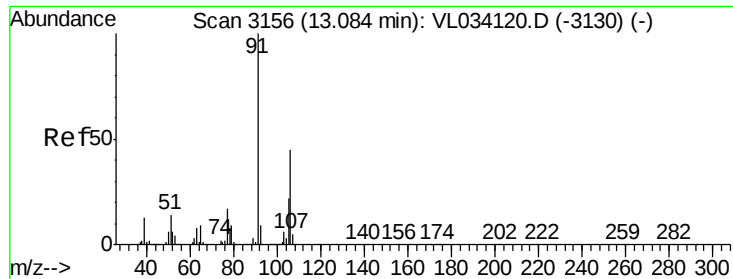
106 24.5 25.3 37.9#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





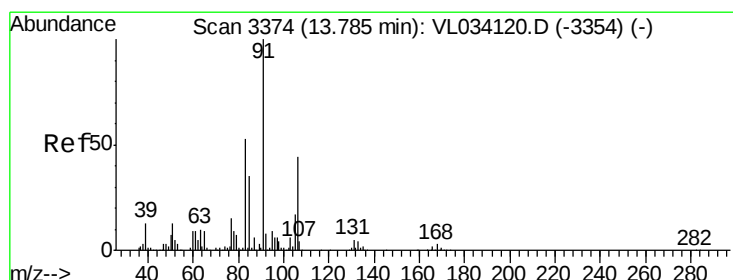
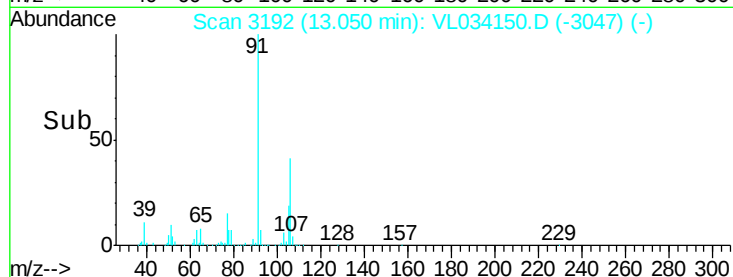
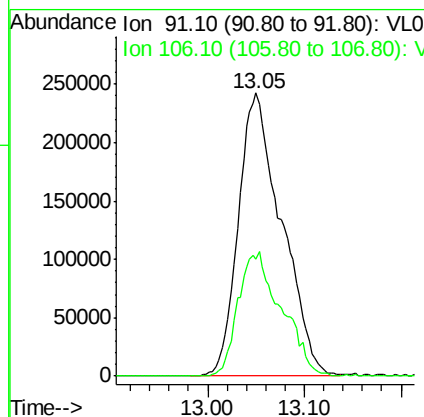
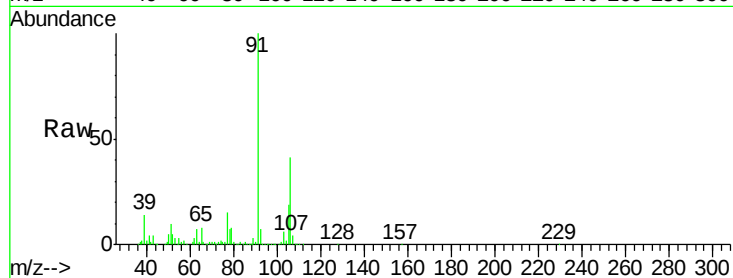
#59
m/p-Xylene
Concen: 4.451 ppbv
RT: 13.05 min Scan# 3192
Delta R.T. -0.03 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion	Ratio	Lower	Upper
91	100		
106	44.4	35.4	53.2

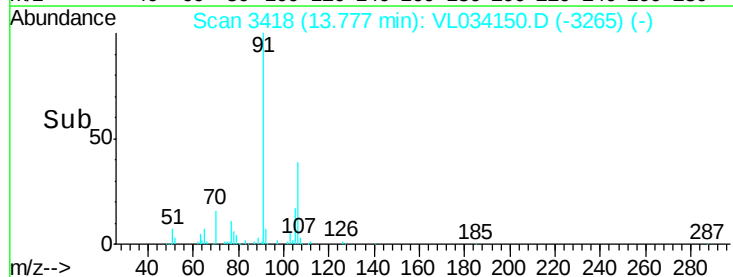
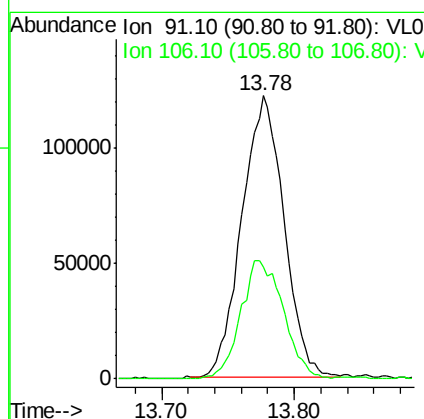
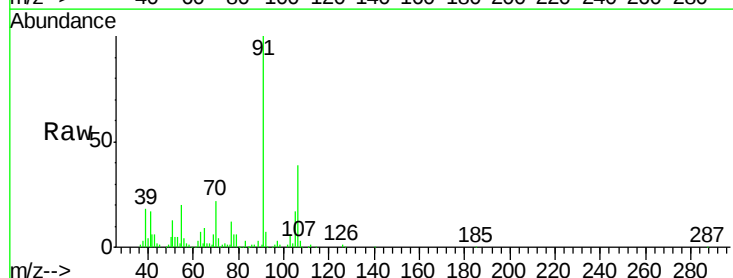
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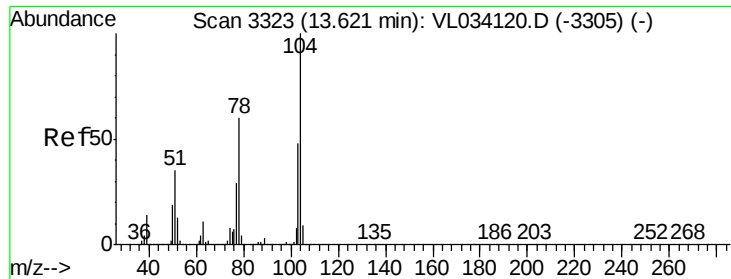
MMDadoda
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#60
o-Xylene
Concen: 1.608 ppbv
RT: 13.78 min Scan# 3418
Delta R.T. -0.01 min
Lab File: VL034150.D
Acq: 10 Sep 2019 19:51

Tgt Ion	Ratio	Lower	Upper
91	100		
106	43.3	21.4	64.3





#61

Stvrene

Concen: 0.164 ppbv

RT: 13.61 min Scan# 3365

Delta R.T. -0.02 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

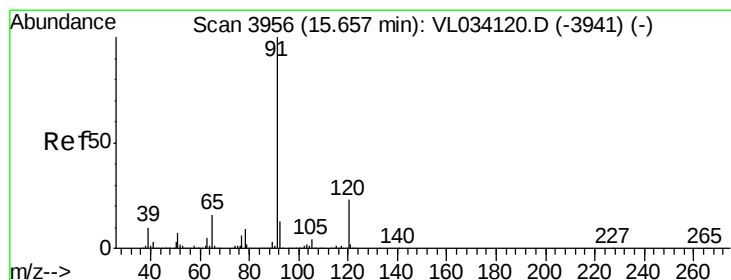
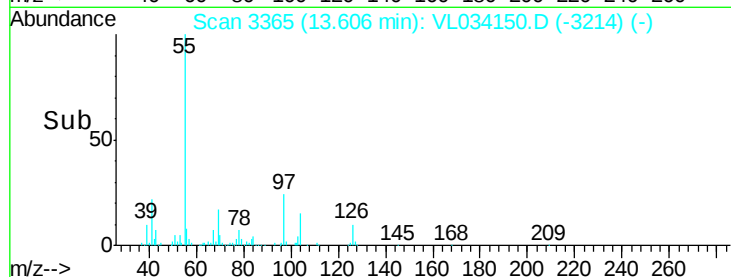
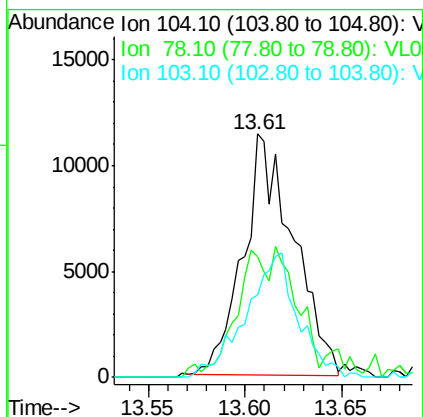
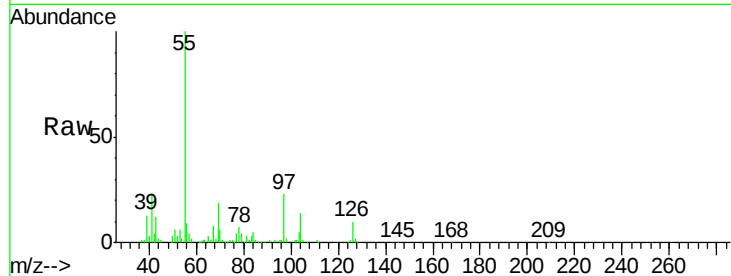
ClientSampleId :

SV4

Tot Ion:	104	Resp:	20644
Ion Ratio	Lower	Upper	
104	100		
78	67.8	47.8	71.6
103	53.5	38.7	58.1

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#64

n-propylbenzene

Concen: 0.359 ppbv m

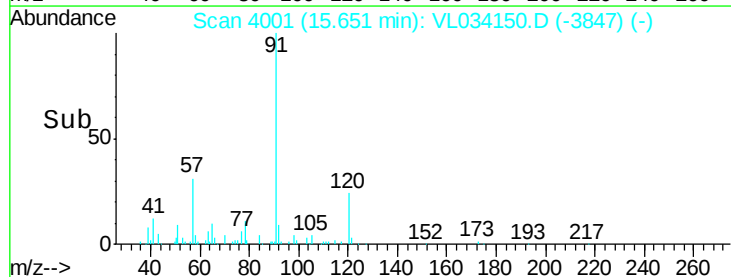
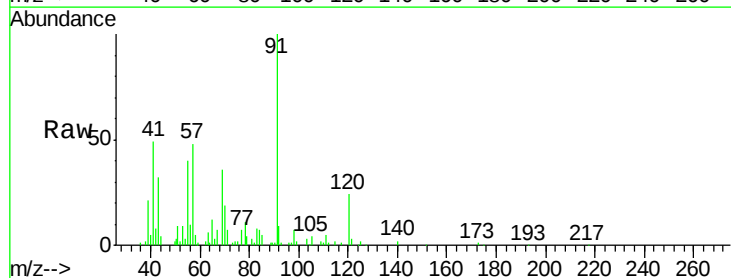
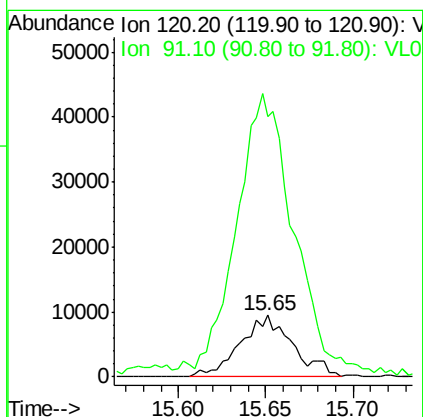
RT: 15.65 min Scan# 4001

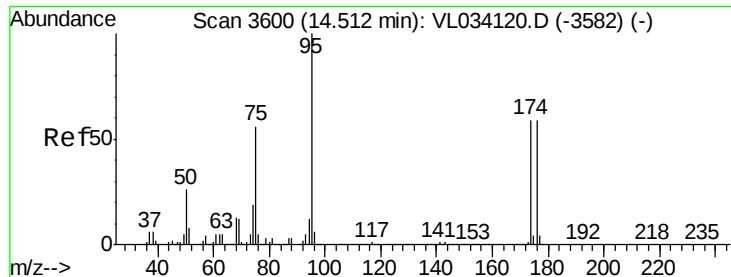
Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Tgt Ion:	120	Resp:	19692
Ion Ratio	Lower	Upper	
120	100		
91	533.3	376.8	565.2





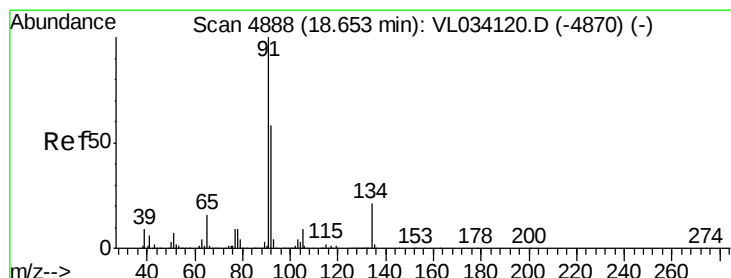
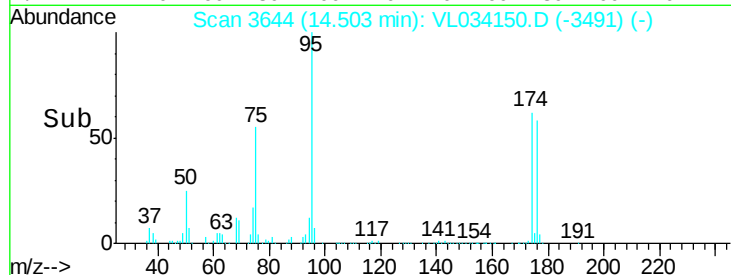
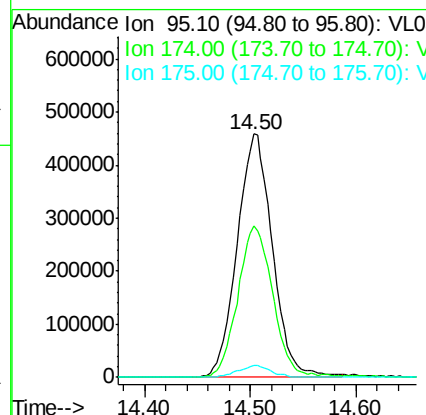
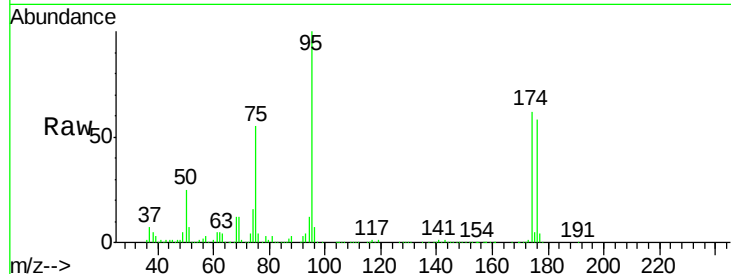
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.287 ppbv
 RT: 14.50 min Scan# 3644
 Delta R.T. -0.01 min
 Lab File: VL034150.D
 Acq: 10 Sep 2019 19:51

Instrument :
 MSVOA_L
 ClientSampled :
 SV4

Tot Ion: 95 Resp: 1060831
 Ion Ratio Lower Upper
 95 100
 174 62.5 48.1 72.1
 175 4.8 3.5 5.3

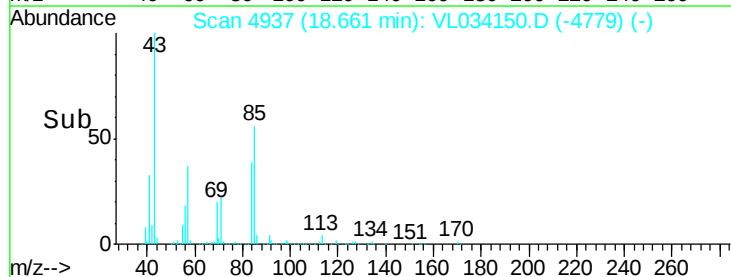
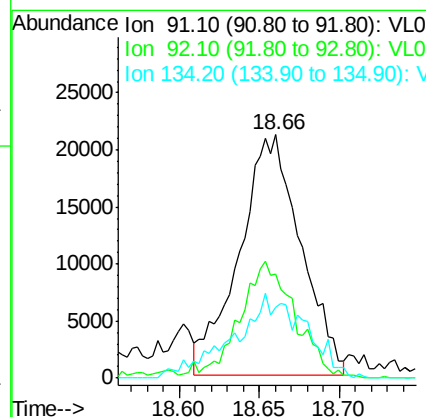
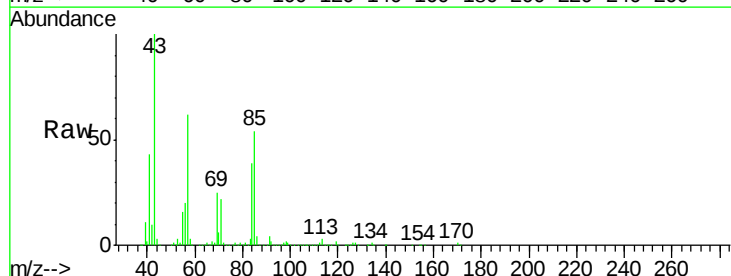
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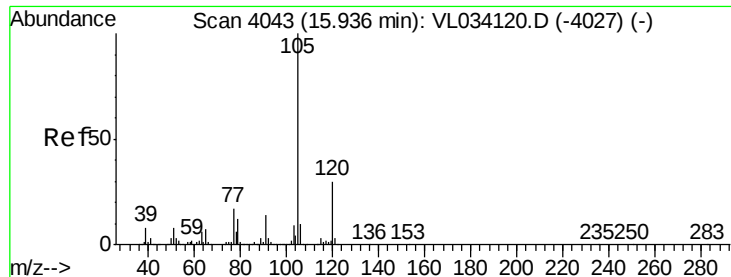
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#70
 n-Butylbenzene
 Concen: 0.227 ppbv m
 RT: 18.66 min Scan# 4937
 Delta R.T. 0.01 min
 Lab File: VL034150.D
 Acq: 10 Sep 2019 19:51

Tgt Ion: 91 Resp: 56158
 Ion Ratio Lower Upper
 91 100
 92 44.7 45.3 67.9#
 134 40.4 17.4 26.0#





#72

4-Ethyltoluene

Concen: 0.518 ppbv

RT: 15.93 min Scan# 4087

Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

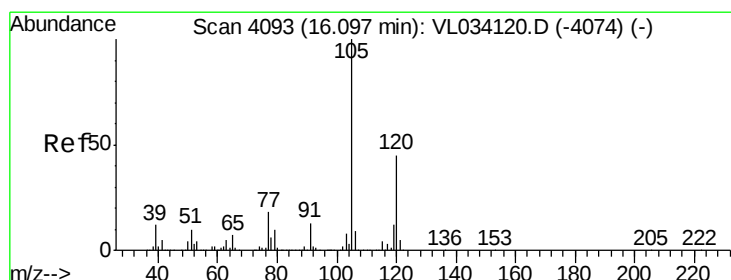
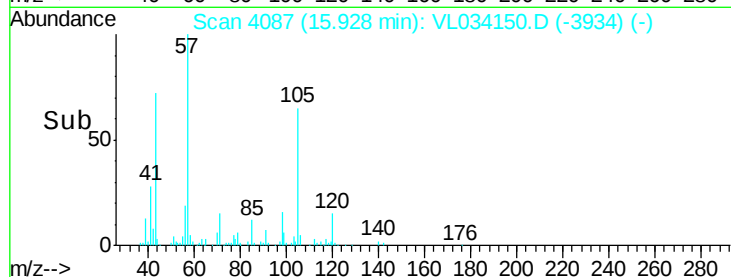
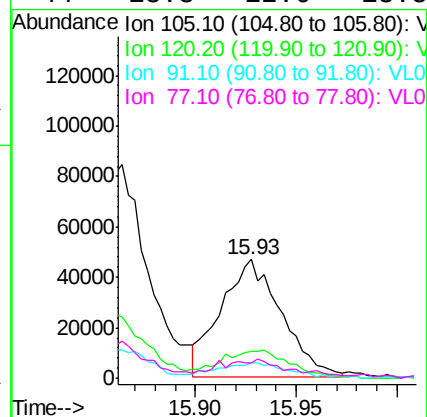
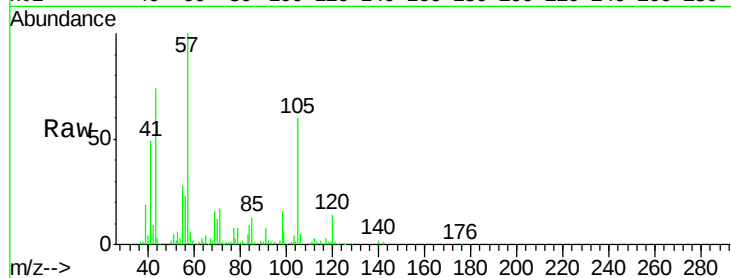
ClientSampled :

SV4

Tot Ion:	105	Resp:	98166
Ion Ratio	Lower	Upper	
105	100		
120	26.5	23.8	35.6
91	15.9	11.4	17.0
77	18.3	12.6	18.8

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#73

1,3,5-Trimethylbenzene

Concen: 0.384 ppbv

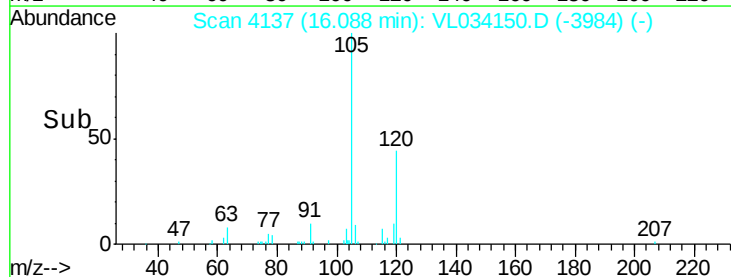
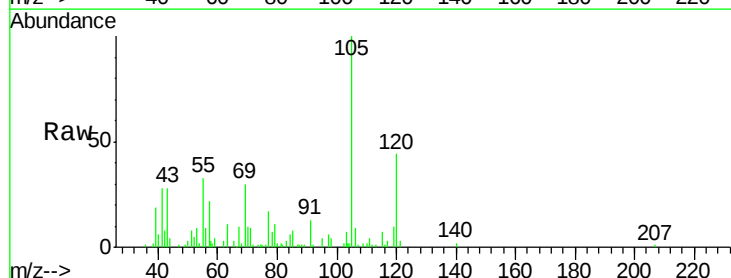
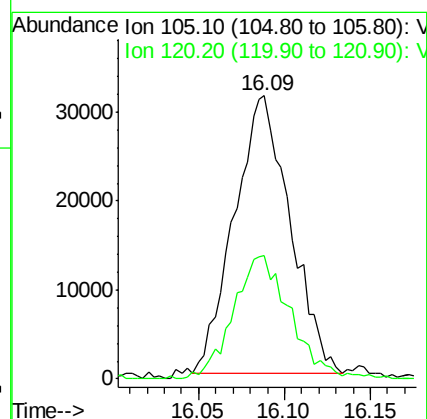
RT: 16.09 min Scan# 4137

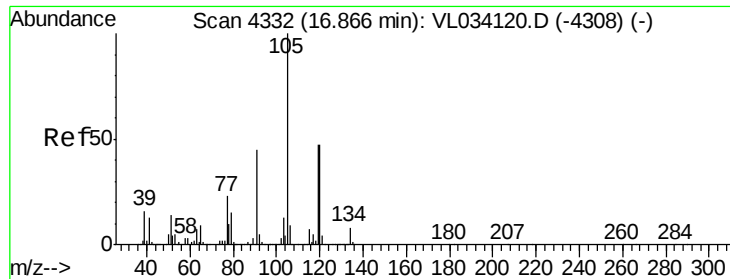
Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Tgt Ion:	105	Resp:	70687
Ion Ratio	Lower	Upper	
105	100		
120	43.5	35.8	53.8





#74

1,2,4-Trimethylbenzene

Concen: 1.472 ppbv

RT: 16.85 min Scan# 4375

Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

Instrument :

MSVOA_L

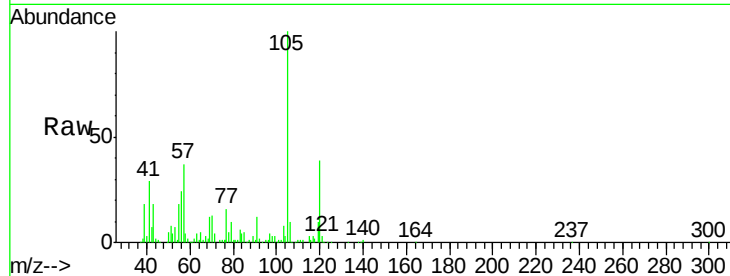
ClientSampled :

SV4

Tot Ion	Ratio	Resp	Lower	Upper
105	100	279389		
120	39.1		37.7	56.5
91	10.7		36.2	54.2#
77	15.3		18.5	27.7#

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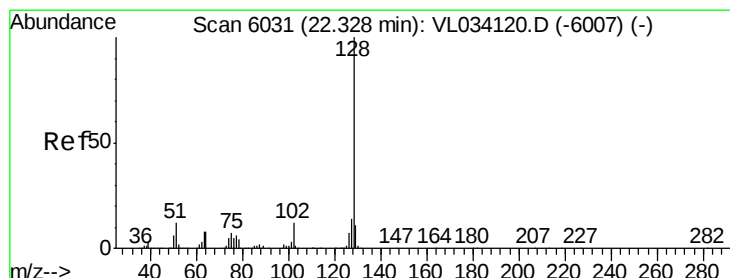
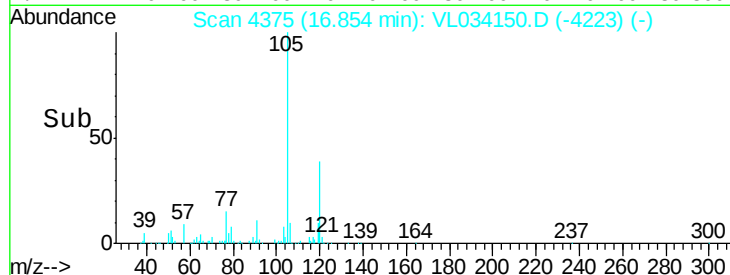
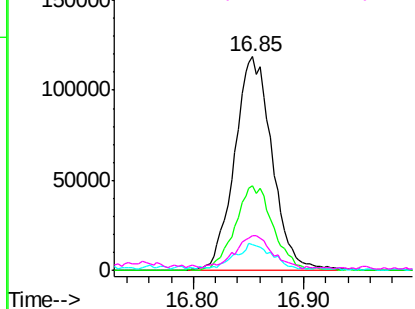


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#79

Naphthalene

Concen: 0.272 ppbv m

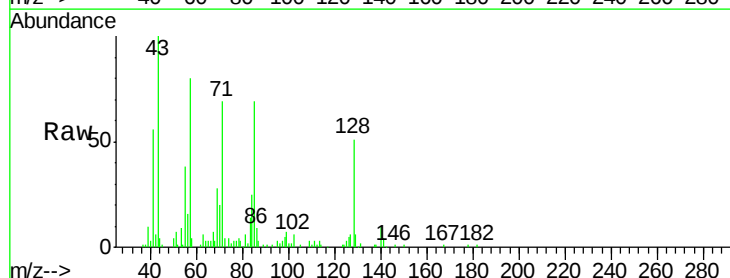
RT: 22.32 min Scan# 6076

Delta R.T. -0.01 min

Lab File: VL034150.D

Acq: 10 Sep 2019 19:51

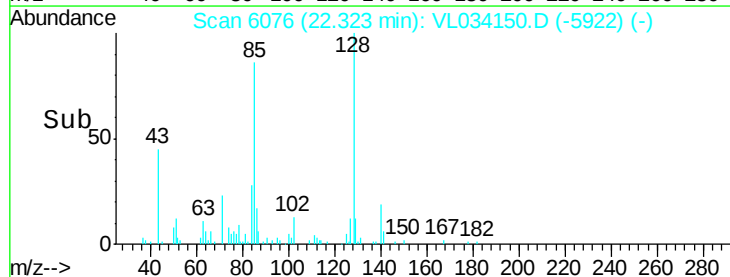
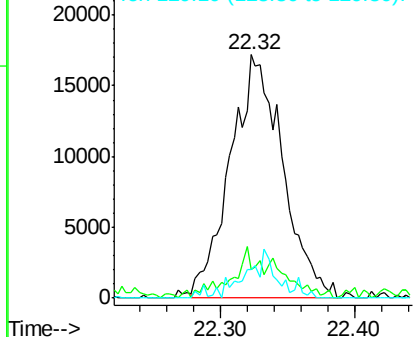
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	46724		
127	11.8		10.9	16.3
129	11.5		8.5	12.7

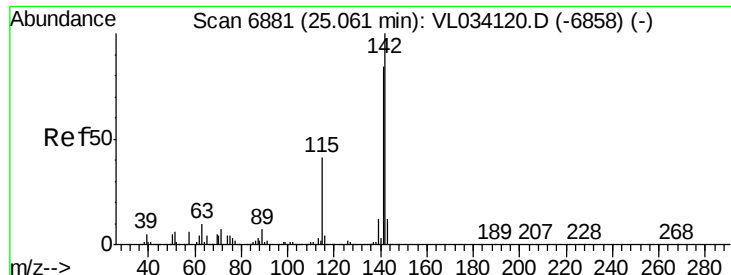


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.115 ppbv
 RT: 25.06 min Scan# 6927
 Delta R.T. -0.00 min
 Lab File: VL034150.D
 Acq: 10 Sep 2019 19:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	67.6	101.4
115	57.3	34.6	52.0

Manual Integrations
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