

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034062.D
 Acq On : 30 Jul 2019 12:47
 Operator : SY/AP
 Sample : K4033-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG3

Manual Integrations
 APPROVED

MMdadoda
 8/2/2019 9:37:44 AM

Quant Time: Jul 31 03:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 31 2019
 QLast Update : Tue Jul 30 06:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1013730	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.25	114	4263390	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.19	117	3156315	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2595952	10.41	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	199418	1.704	ppbv #	91
4) Chloromethane	3.15	50	24706	0.360	ppbv #	77
9) Propene	3.21	41	819538	19.508	ppbv	93
10) Heptane	8.20	43	745307	6.505	ppbv	98
11) Trichlorofluoromethane	3.97	101	56947m	0.263	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.52	101	14982m	0.103	ppbv	
13) Ethanol	3.64	45	916121m	54.791	ppbv	
15) Acetone	3.87	43	1170998	7.598	ppbv #	87
19) Isopropyl Alcohol	4.02	45	74428	0.707	ppbv #	94
20) Methylene Chloride	4.37	84	229732	3.897	ppbv	94
26) Hexane	5.74	57	1394974	13.461	ppbv #	41
27) Carbon Disulfide	4.58	76	346555	2.147	ppbv #	92
29) Chloroform	5.80	83	612963m	3.238	ppbv	
30) Cyclohexane	7.20	84	726816	6.903	ppbv	93
32) 1,1,1-Trichloroethane	6.57	97	81356	0.410	ppbv	96
34) 2-Butanone	5.30	43	253430	1.444	ppbv	97
35) Carbon Tetrachloride	7.09	117	14210m	0.047	ppbv	
36) Benzene	6.96	78	1556294	5.484	ppbv	98
38) Trichloroethene	7.91	130	16859m	0.142	ppbv	
44) 2,2,4-Trimethylpentane	7.95	57	810648	1.720	ppbv #	75
52) Tetrachloroethene	11.32	164	468905m	4.213	ppbv	
53) Toluene	9.90	91	21399297	72.265	ppbv	91
58) Ethyl Benzene	12.81	91	5155142	13.801	ppbv	98
59) m/p-Xylene	13.07	91	15479838	45.588	ppbv	95
60) o-Xylene	13.80	91	6397264	18.955	ppbv	98
61) Styrene	13.63	104	1194120	5.358	ppbv	99
62) Isopropylbenzene	14.78	105	1696521	3.752	ppbv	99
64) n-propylbenzene	15.67	120	651221	5.562	ppbv	95
67) sec-Butylbenzene	17.41	105	200255	0.338	ppbv	99
70) n-Butylbenzene	18.67	91	807948	1.580	ppbv #	42
72) 4-Ethyltoluene	15.95	105	4069175	10.663	ppbv	98
73) 1,3,5-Trimethylbenzene	16.11	105	2927359	7.537	ppbv	100
74) 1,2,4-Trimethylbenzene	16.88	105	12003979	28.135	ppbv #	85
79) Naphthalene	22.35	128	1028777	2.766	ppbv	98
80) Naphthalene,2-methyl-	25.07	142	37911m	0.292	ppbv	

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

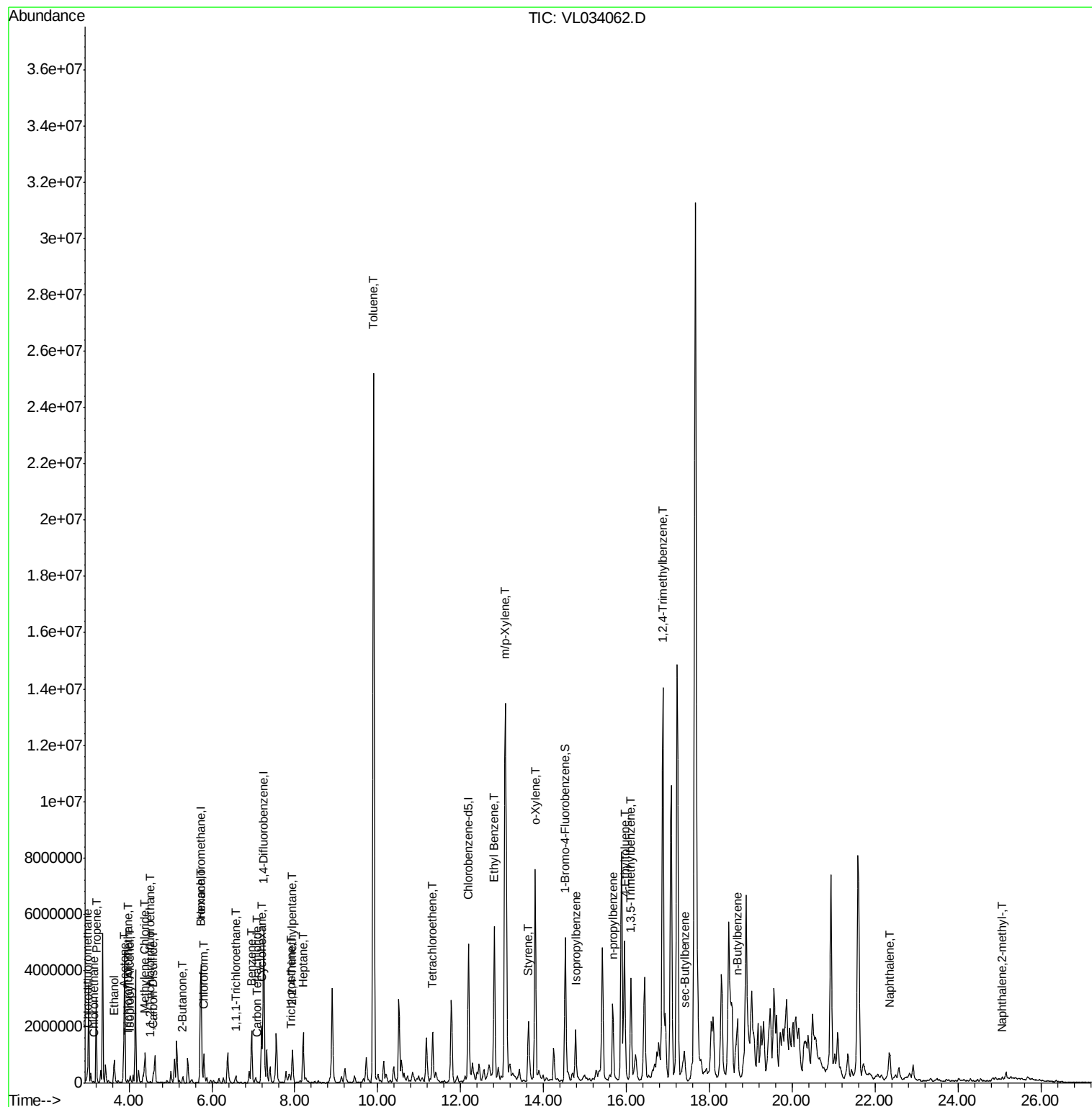
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
Data File : VL034062.D
Acq On : 30 Jul 2019 12:47
Operator : SY/AP
Sample : K4033-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

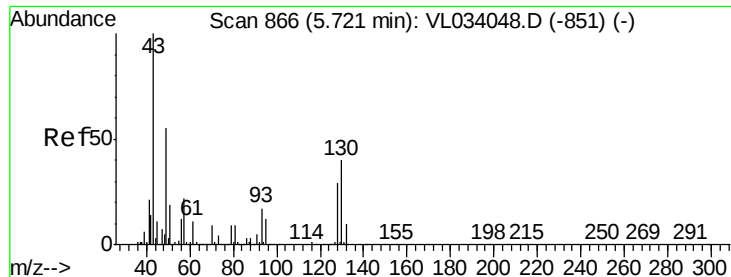
Instrument :
MSVOA_L
ClientSampled :
SSG3

Manual Integrations
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8/2/2019 9:37:44 AM

Quant Time: Jul 31 03:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 865

Delta R.T. -0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

ClientSampled :

SSG3

Tot Ion: 49 Resp: 1013730

Ion Ratio Lower Upper

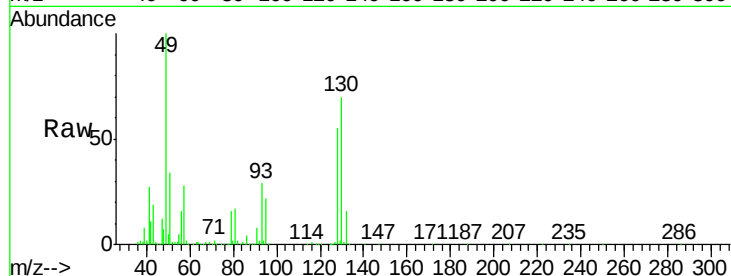
49 100

128 55.2 27.0 81.0

130 70.3 35.0 105.0

Manual Integrations
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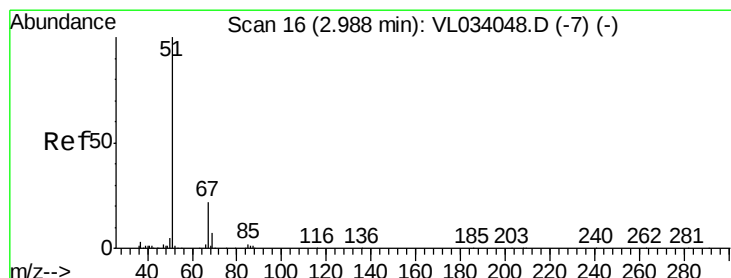
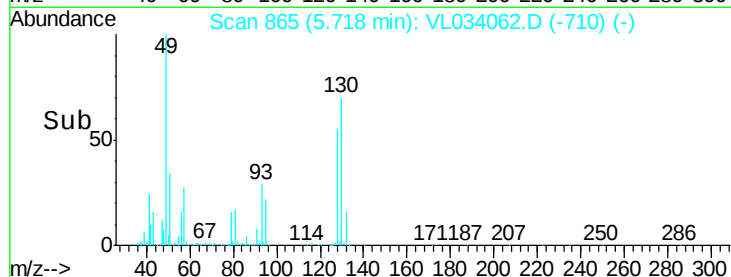
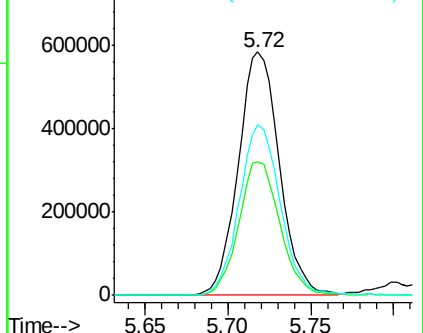
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 1.704 ppbv

RT: 2.99 min Scan# 17

Delta R.T. 0.00 min

Lab File: VL034062.D

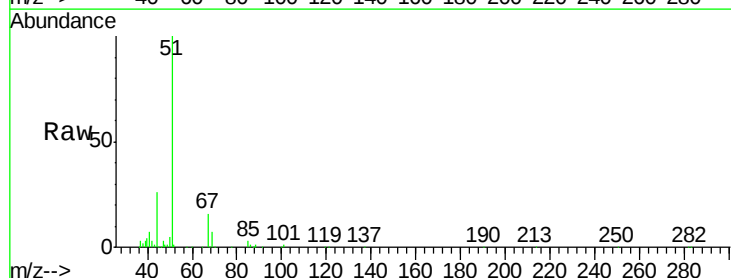
Acq: 30 Jul 2019 12:47

Tgt Ion: 51 Resp: 199418

Ion Ratio Lower Upper

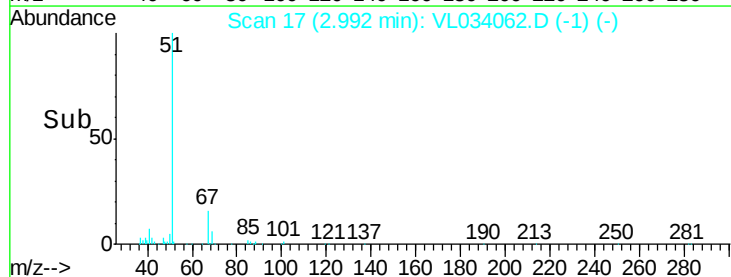
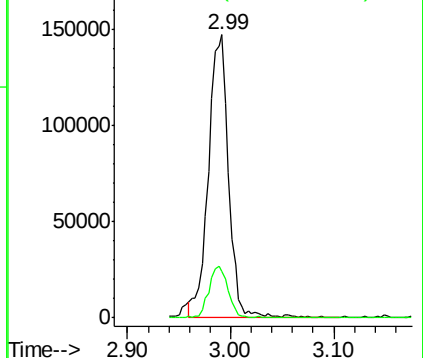
51 100

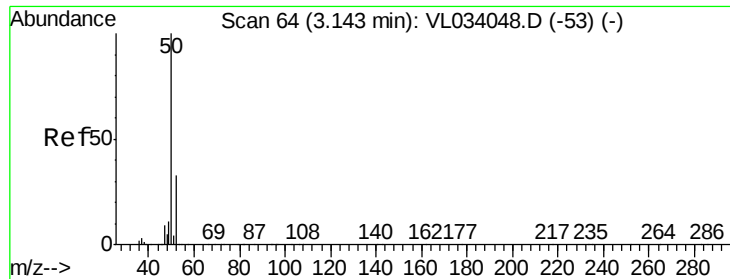
67 17.2 17.4 26.0#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.360 ppbv

RT: 3.15 min Scan# 65

Delta R.T. 0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

ClientSampleId :

SSG3

Tot Ion: 50 Resp: 24706

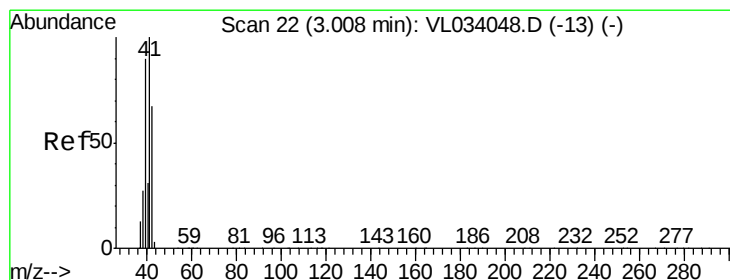
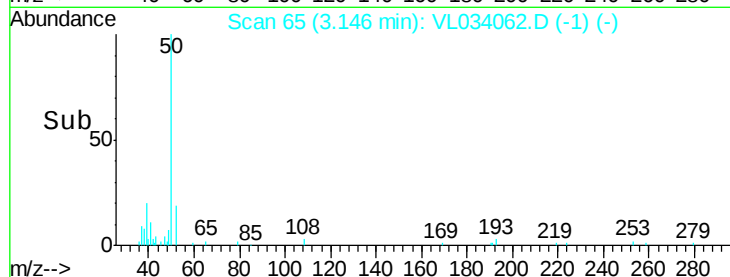
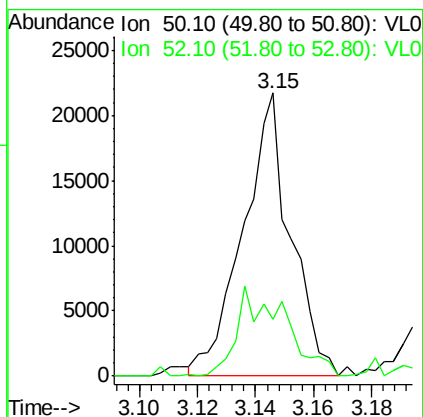
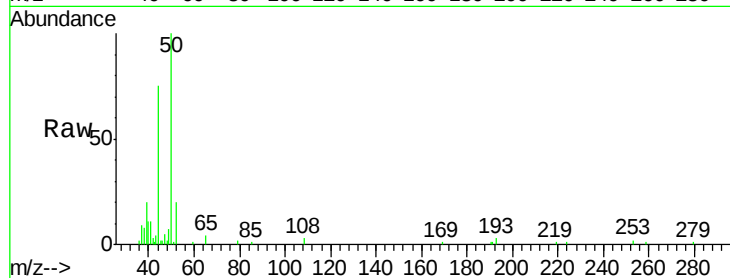
Ion Ratio Lower Upper

50 100

52 20.2 26.7 40.1#

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#9

Propene

Concen: 19.508 ppbv

RT: 3.21 min Scan# 85

Delta R.T. 0.20 min

Lab File: VL034062.D

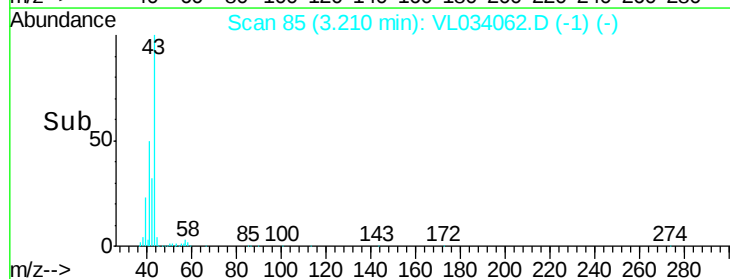
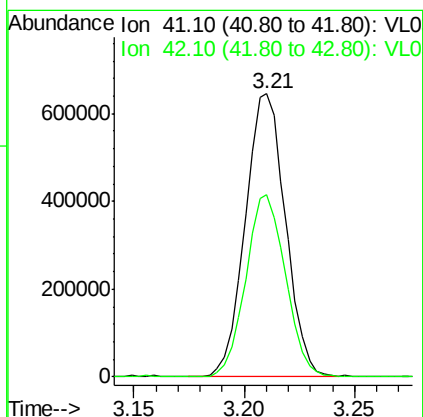
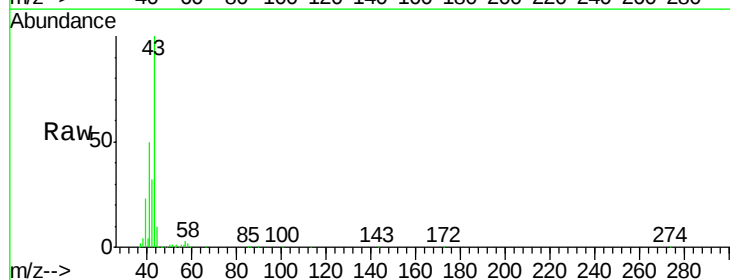
Acq: 30 Jul 2019 12:47

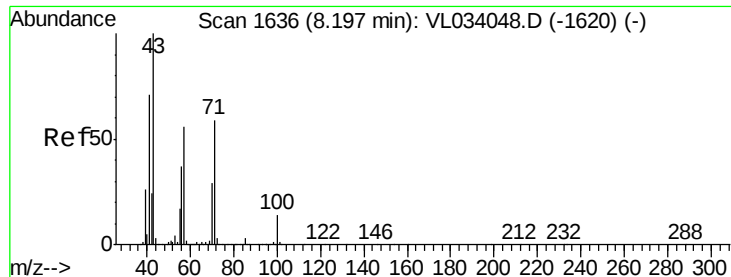
Tgt Ion: 41 Resp: 819538

Ion Ratio Lower Upper

41 100

42 63.7 55.4 83.2





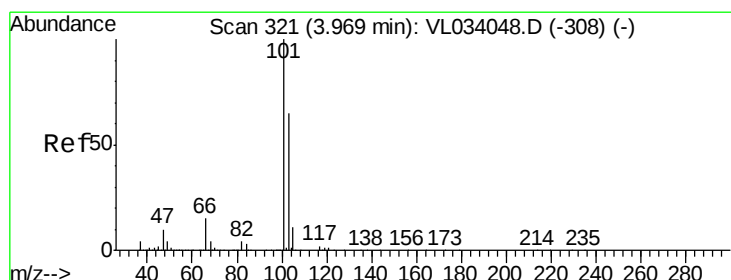
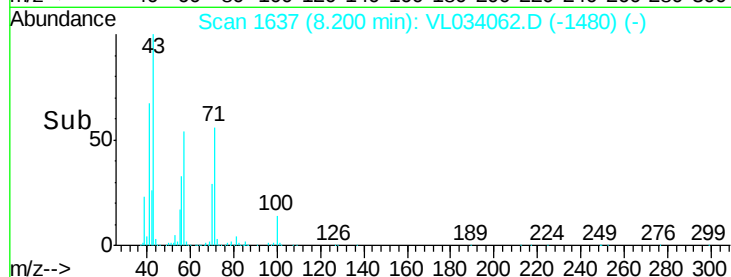
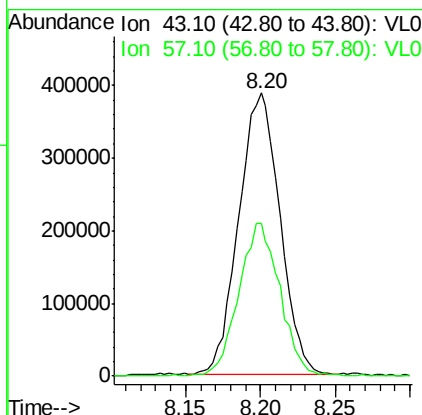
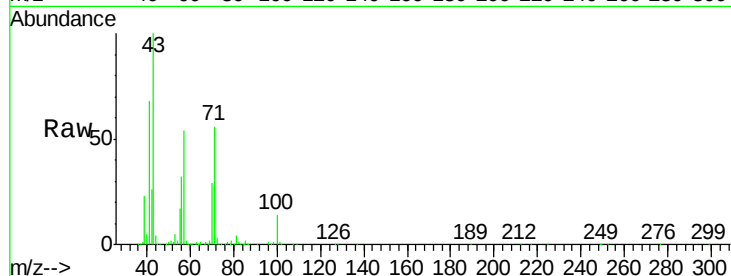
#10
Heptane
Concen: 6.505 ppbv
RT: 8.20 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :
SSG3

Tot Ion: 43 Resp: 745307
Ion Ratio Lower Upper
43 100
57 54.5 44.8 67.2

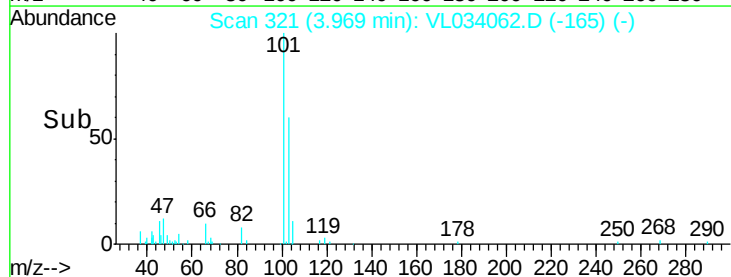
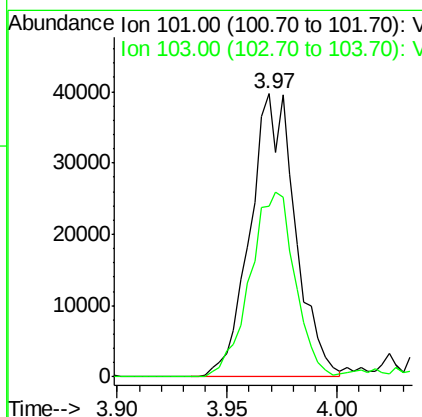
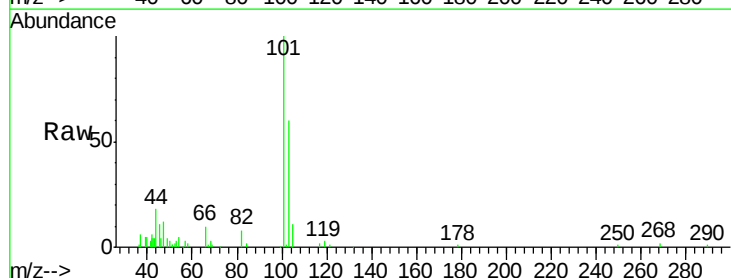
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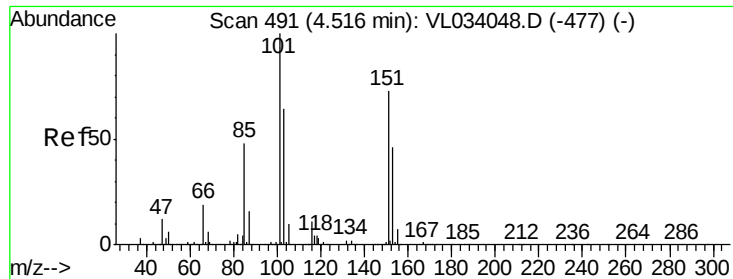
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#11
Trichlorofluoromethane
Concen: 0.263 ppbv m
RT: 3.97 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 101 Resp: 56947
Ion Ratio Lower Upper
101 100
103 60.4 52.3 78.5





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.103 ppbv m

RT: 4.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

ClientSampleId :

SSG3

Tot Ion:101 Resp: 14982

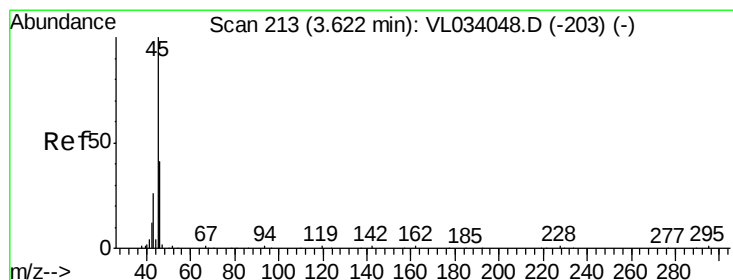
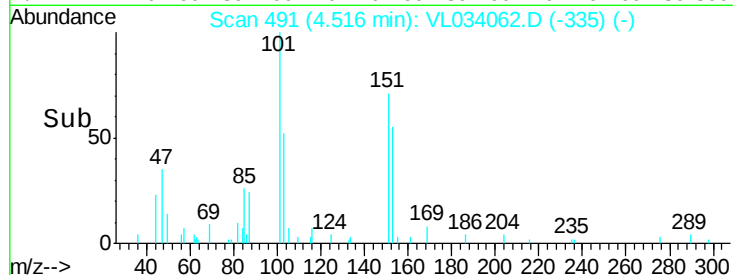
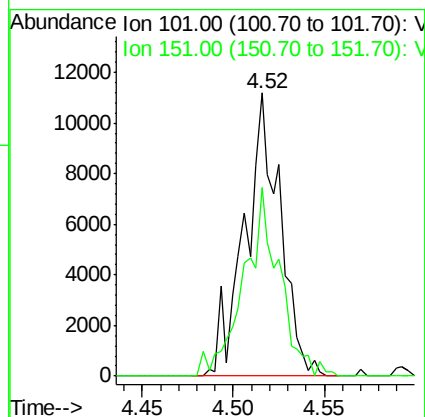
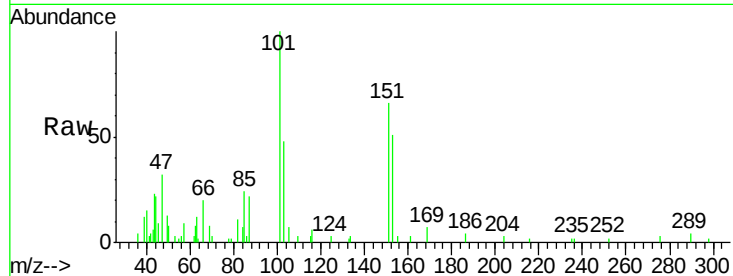
Ion Ratio Lower Upper

101 100

151 67.6 57.3 85.9

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#13

Ethanol

Concen: 54.791 ppbv m

RT: 3.64 min Scan# 218

Delta R.T. 0.02 min

Lab File: VL034062.D

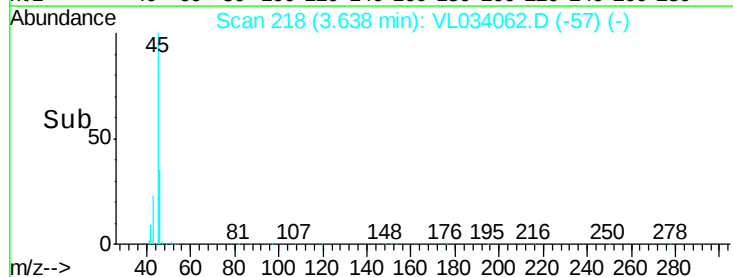
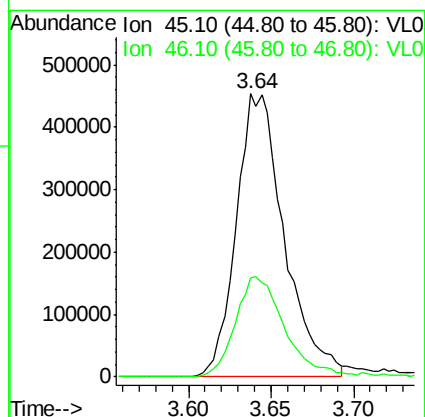
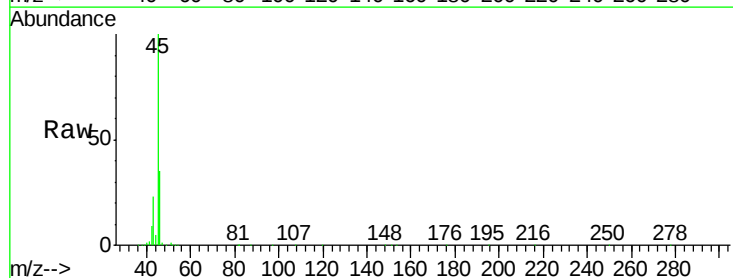
Acq: 30 Jul 2019 12:47

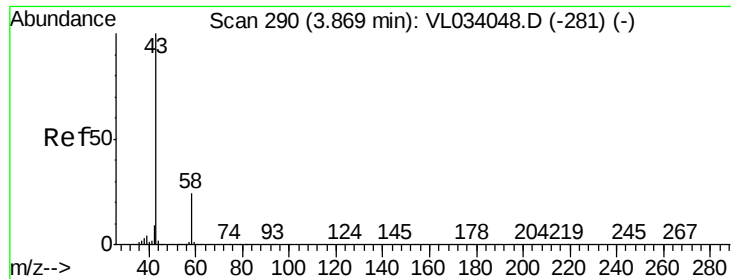
Tgt Ion: 45 Resp: 916121

Ion Ratio Lower Upper

45 100

46 0.0 15.6 62.2#





#15

Acetone

Concen: 7.598 ppbv

RT: 3.87 min Scan# 289

Delta R.T. -0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

ClientSampleId :

SSG3

Tot Ion: 43 Resp: 1170998

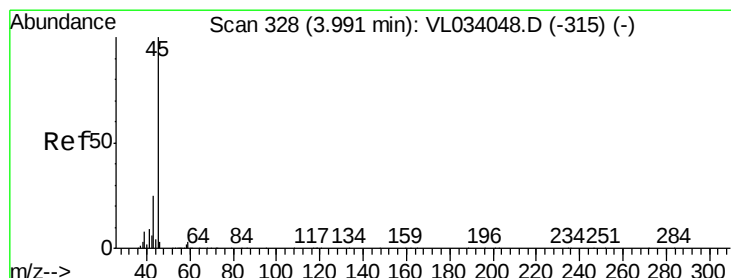
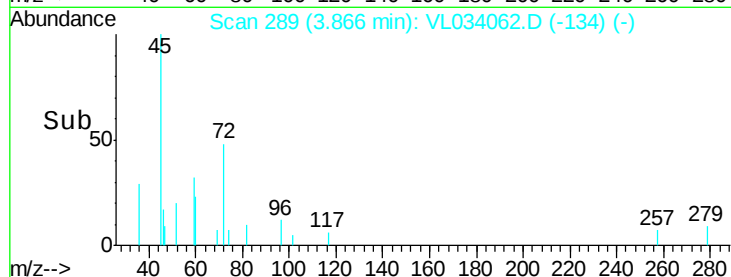
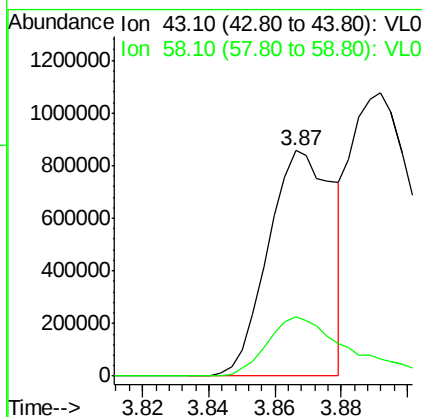
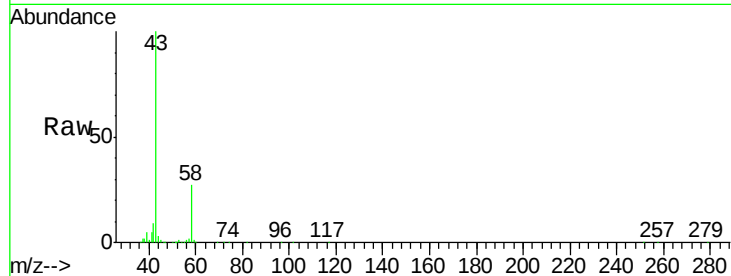
Ion Ratio Lower Upper

43 100

58 33.5 21.6 32.4#

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#19

Isopropyl Alcohol

Concen: 0.707 ppbv

RT: 4.02 min Scan# 337

Delta R.T. 0.03 min

Lab File: VL034062.D

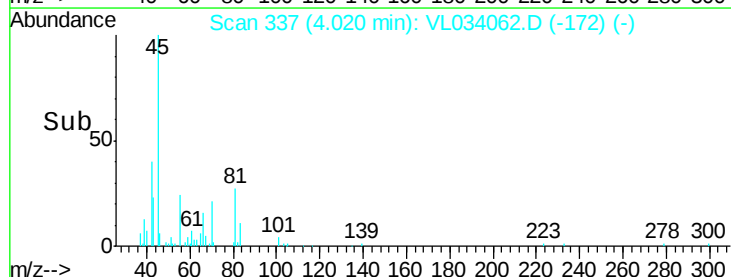
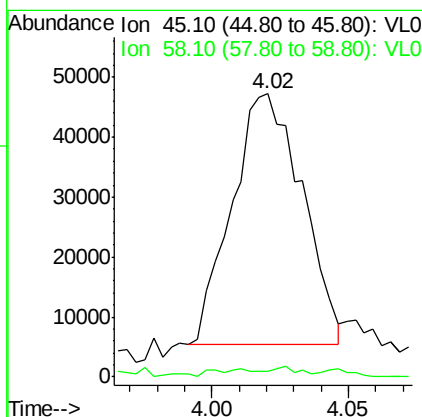
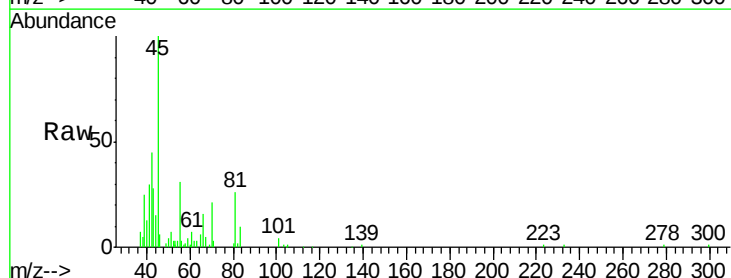
Acq: 30 Jul 2019 12:47

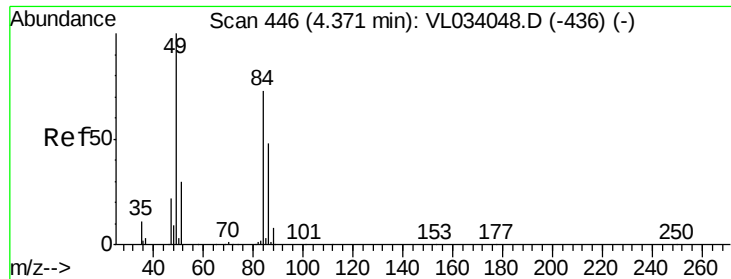
Tgt Ion: 45 Resp: 74428

Ion Ratio Lower Upper

45 100

58 0.0 1.8 2.6#





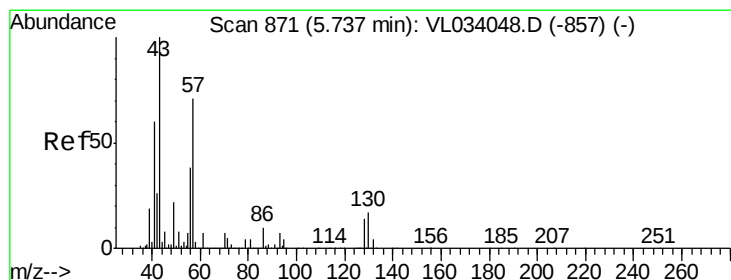
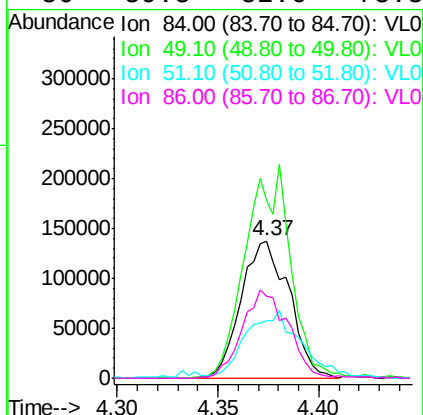
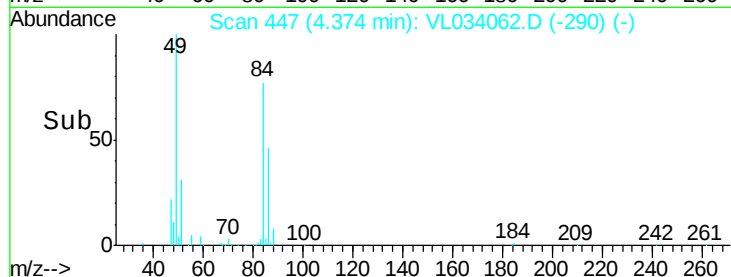
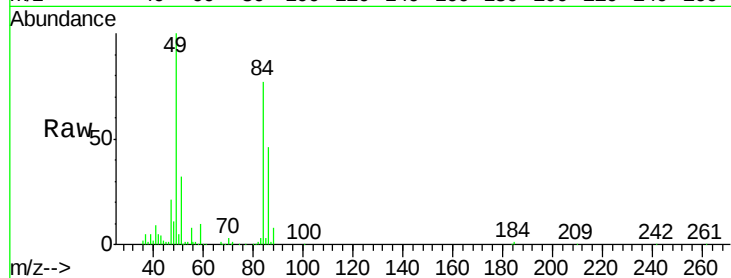
#20
Methvlene Chloride
Concen: 3.897 ppbv
RT: 4.37 min Scan# 447
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampled :
SSG3

Tot Ion:	84	Resp:	229732
Ion	Ratio	Lower	Upper
84	100		
49	128.8	109.6	164.4
51	39.4	33.4	50.2
86	59.8	52.6	78.8

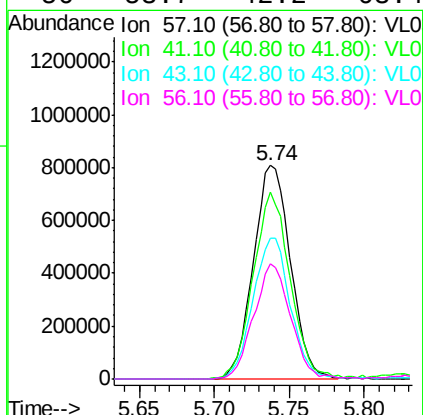
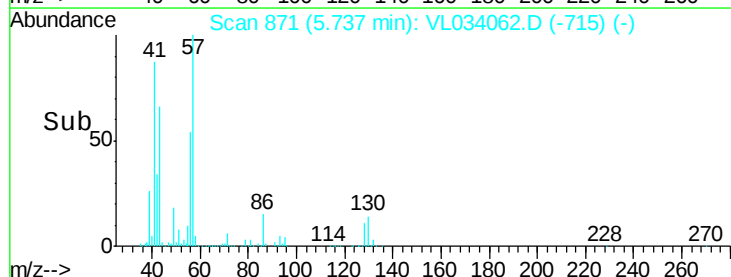
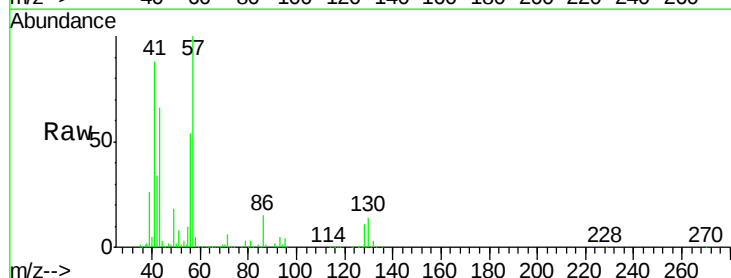
Manual Integrations
APPROVED

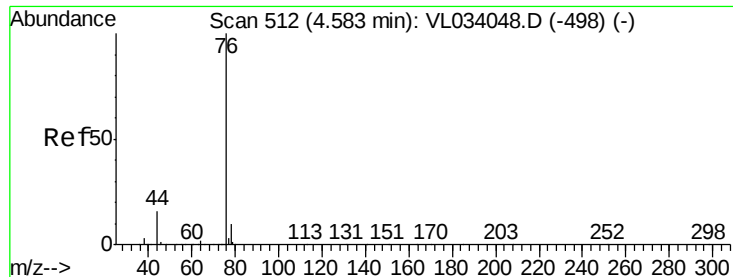
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#26
Hexane
Concen: 13.461 ppbv
RT: 5.74 min Scan# 871
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:	57	Resp:	1394974
Ion	Ratio	Lower	Upper
57	100		
41	87.3	69.0	103.6
43	66.3	176.6	264.8#
56	53.7	42.2	63.4





#27

Carbon Disulfide

Concen: 2.147 ppbv

RT: 4.58 min Scan# 512

Delta R.T. 0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

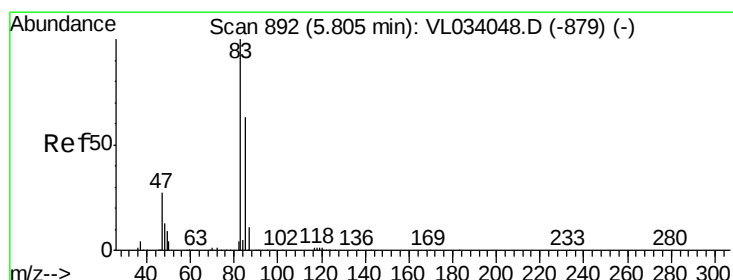
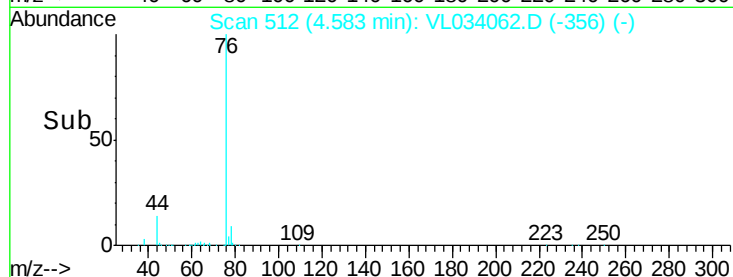
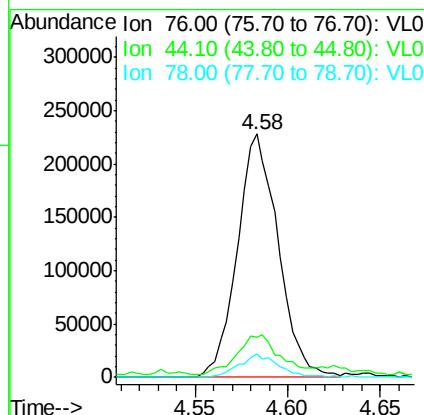
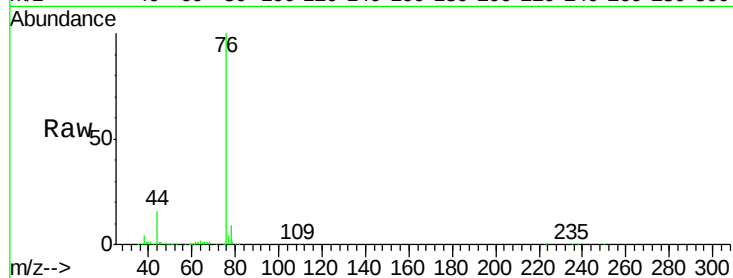
ClientSampleId :

SSG3

Tot Ion:	76	Resp:	346555
Ion Ratio	Lower	Upper	
76	100		
44	21.5	13.0	19.4#
78	9.7	7.7	11.5

Manual Integrations
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#29

Chloroform

Concen: 3.238 ppbv m

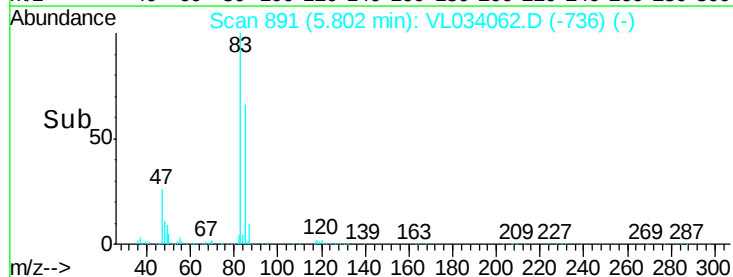
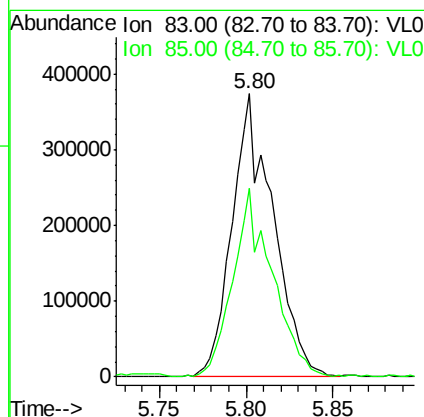
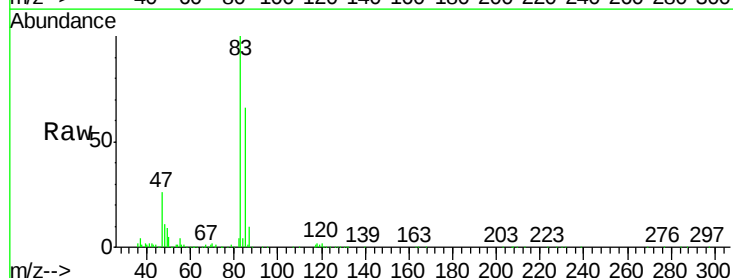
RT: 5.80 min Scan# 891

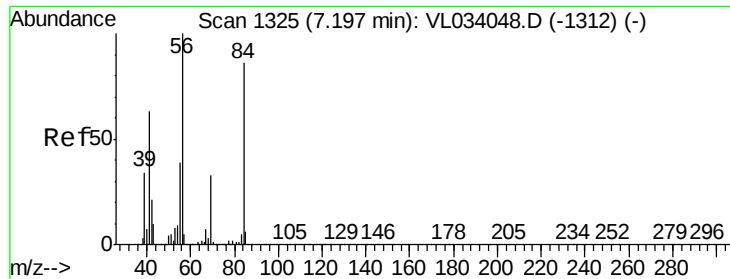
Delta R.T. -0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Tgt Ion:	83	Resp:	612963
Ion Ratio	Lower	Upper	
83	100		
85	66.4	50.2	75.4





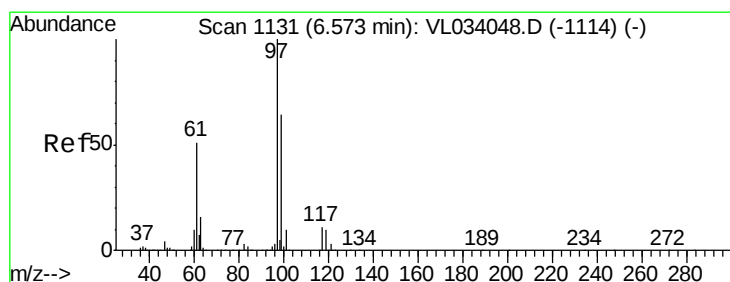
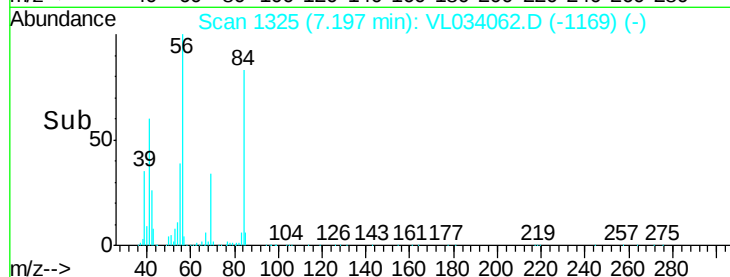
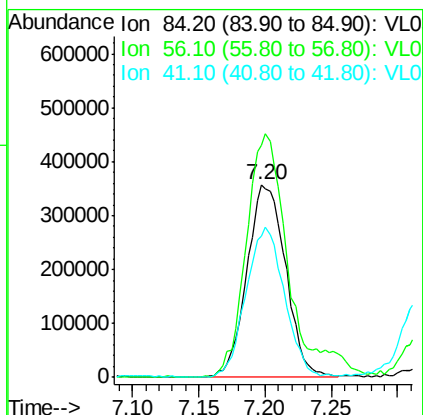
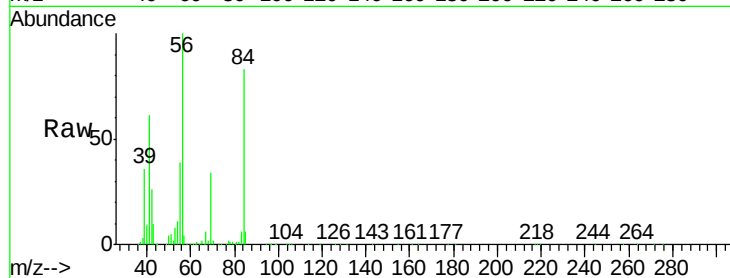
#30
Cvclohexane
Concen: 6.903 ppbv
RT: 7.20 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :
SSG3

Tot Ion	Ratio	Lower	Upper
84	100		
56	138.5	101.7	152.5
41	77.0	59.4	89.0

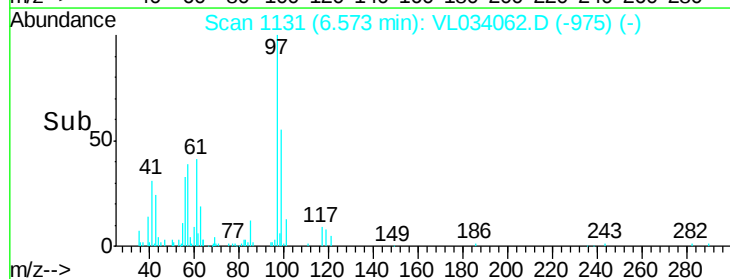
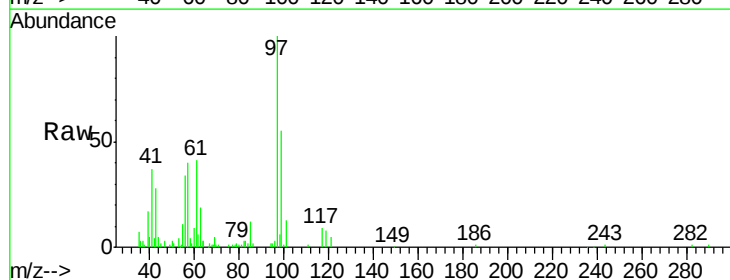
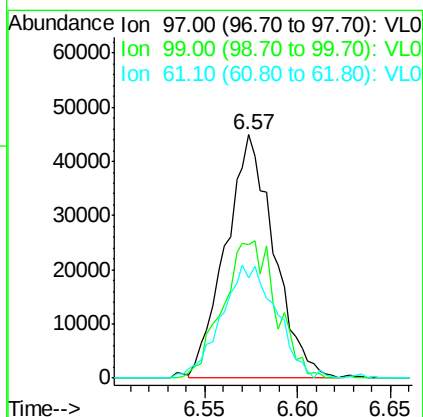
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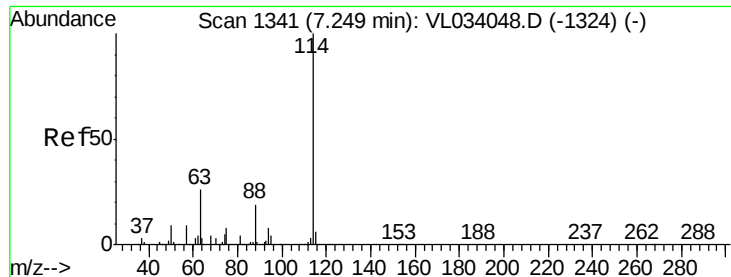
MMdadoda
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#32
1,1,1-Trichloroethane
Concen: 0.410 ppbv
RT: 6.57 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.0	76.6
61	53.4	39.5	59.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.25 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

ClientSampleId :

SSG3

Tot Ion:114 Resp: 4263390

Ion Ratio Lower Upper

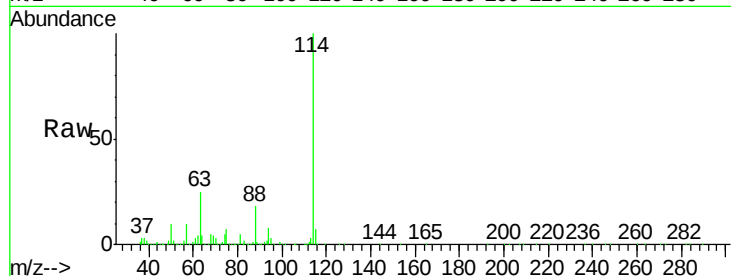
114 100

63 25.6 21.0 31.6

88 18.2 14.7 22.1

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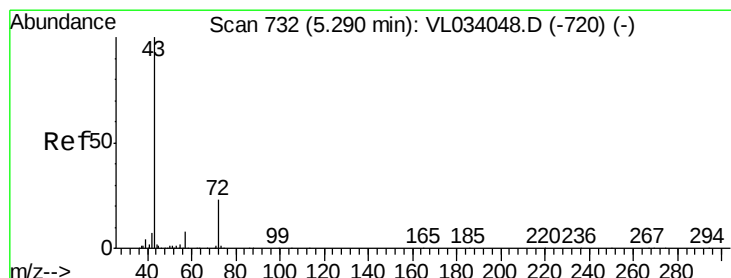
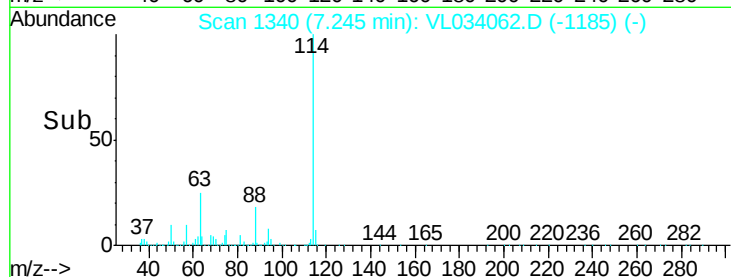
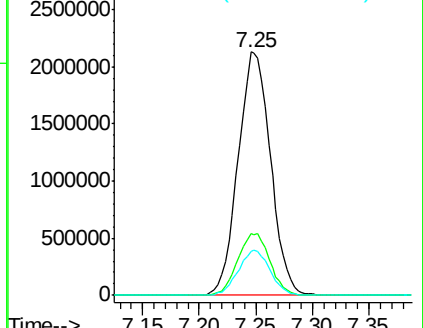
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Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 1.444 ppbv

RT: 5.30 min Scan# 734

Delta R.T. 0.01 min

Lab File: VL034062.D

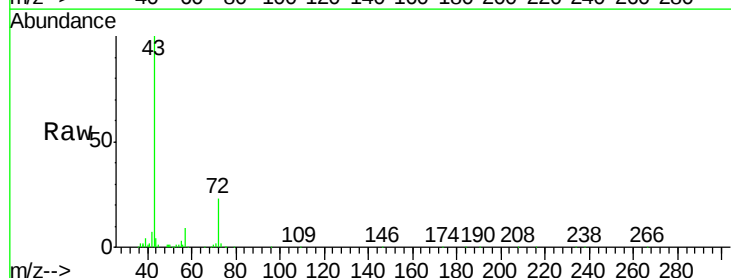
Acq: 30 Jul 2019 12:47

Tgt Ion: 43 Resp: 253430

Ion Ratio Lower Upper

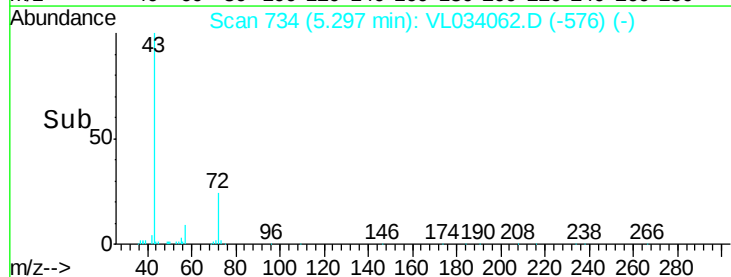
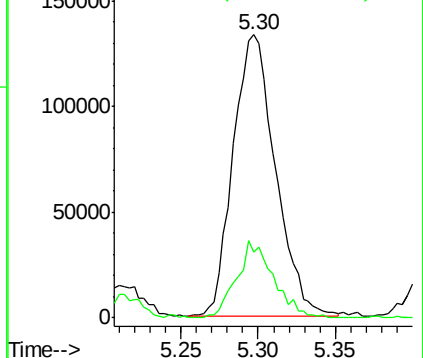
43 100

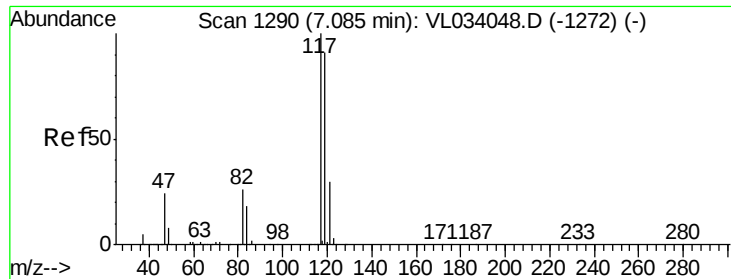
72 24.0 20.2 30.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.047 ppbv m

RT: 7.09 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

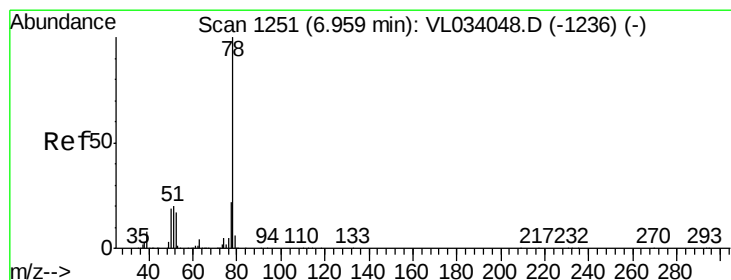
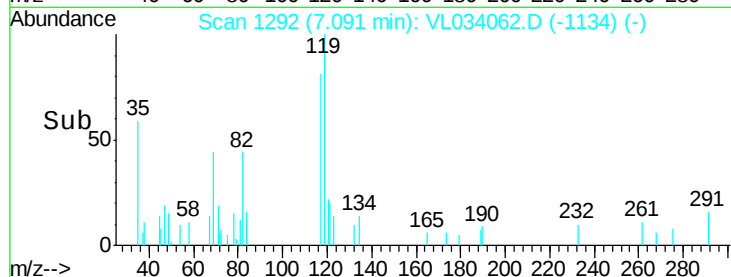
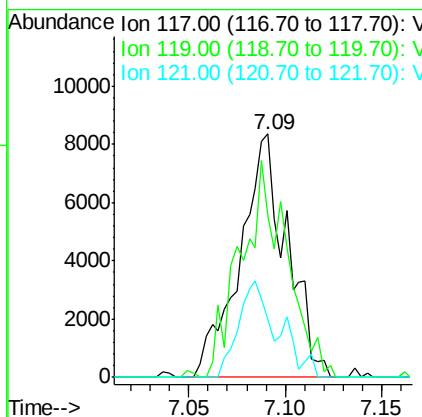
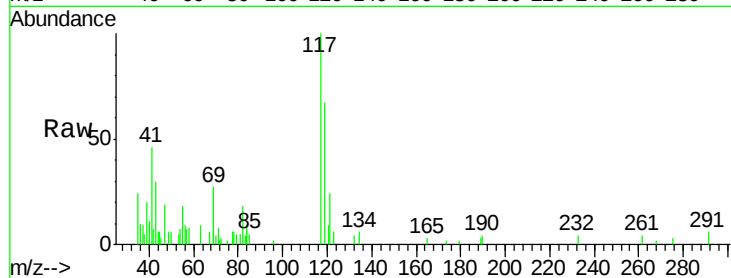
ClientSampled :

SSG3

Tot Ion	Ratio	Lower	Upper
117	100		
119	66.7	73.2	109.8#
121	24.0	24.0	36.0#

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#36

Benzene

Concen: 5.484 ppbv

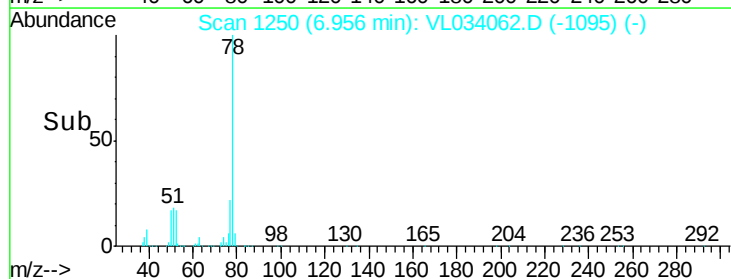
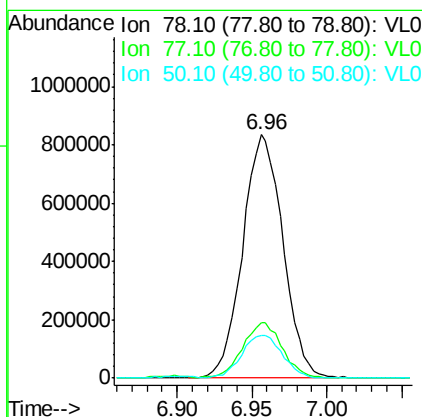
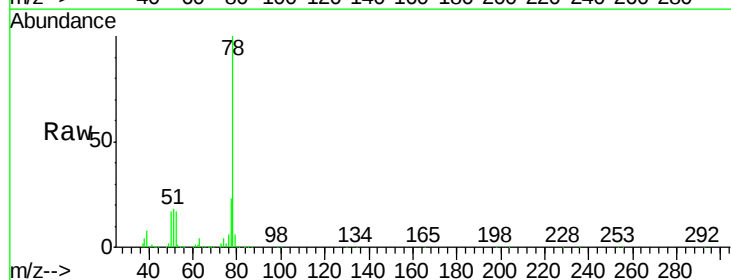
RT: 6.96 min Scan# 1250

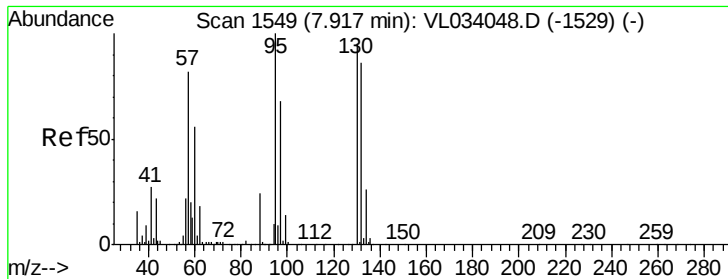
Delta R.T. -0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	17.9	26.9
50	17.2	14.9	22.3





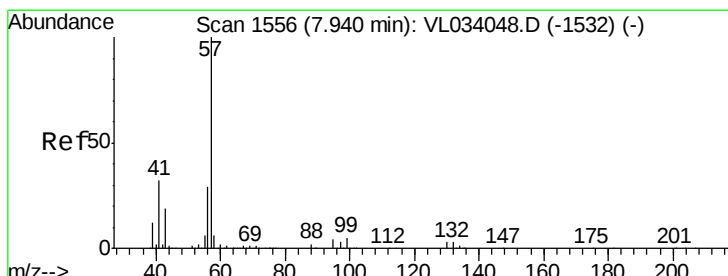
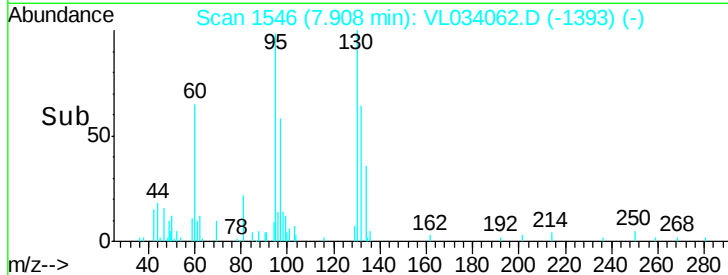
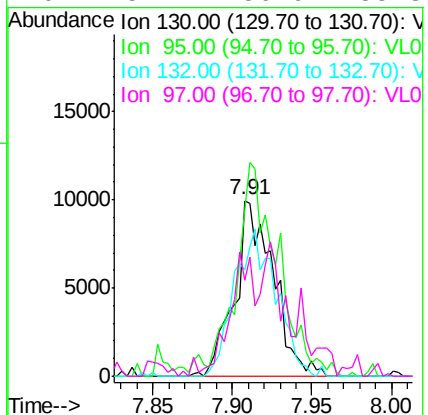
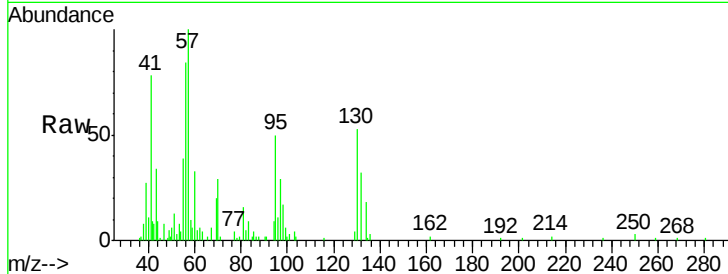
#38
 Trichloroethene
 Concen: 0.142 ppbv m
 RT: 7.91 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: VL034062.D
 Acq: 30 Jul 2019 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG3

Tot Ion	Ratio	Lower	Upper
130	100		
95	94.3	84.1	126.1
132	60.6	72.7	109.1#
97	54.4	56.9	85.3#

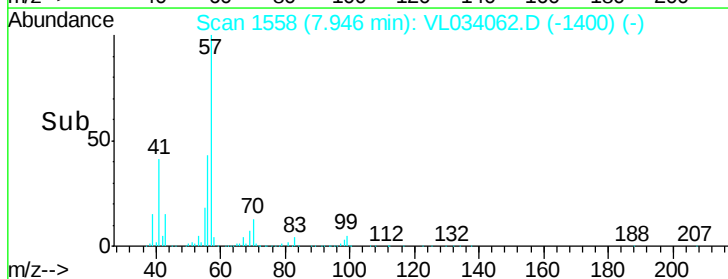
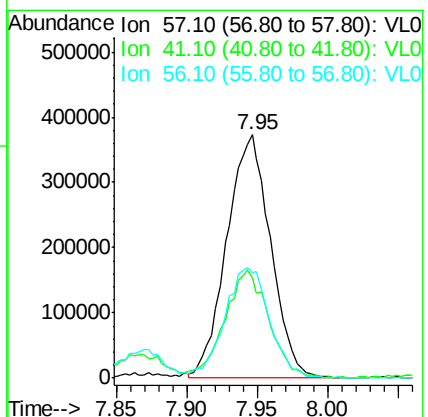
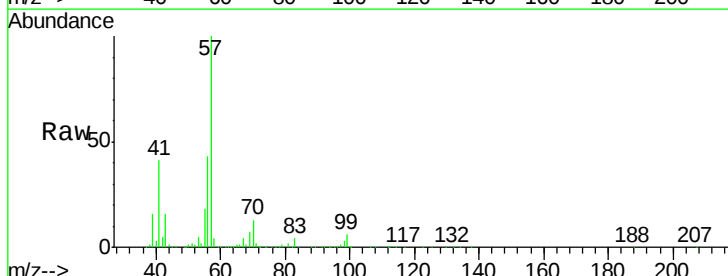
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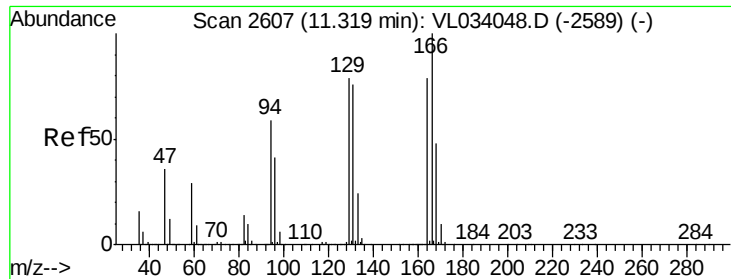
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#44
 2,2,4-Trimethylpentane
 Concen: 1.720 ppbv
 RT: 7.95 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: VL034062.D
 Acq: 30 Jul 2019 12:47

Tgt Ion	Ratio	Lower	Upper
57	100		
41	44.5	26.2	39.2#
56	46.3	24.2	36.2#





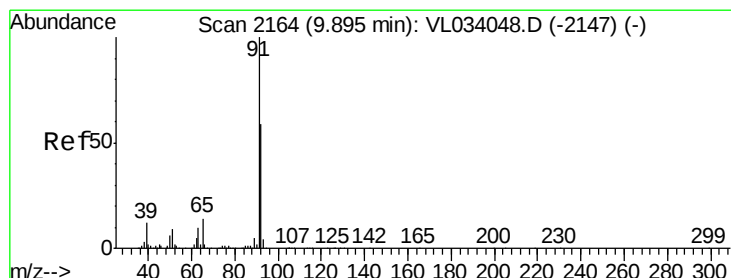
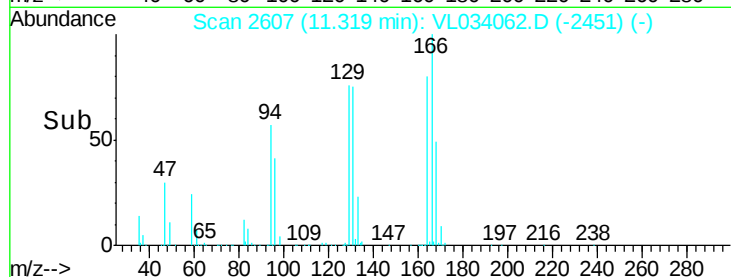
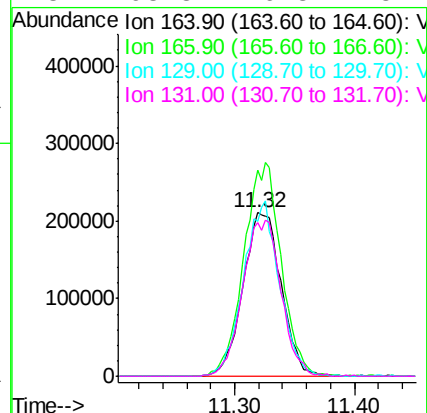
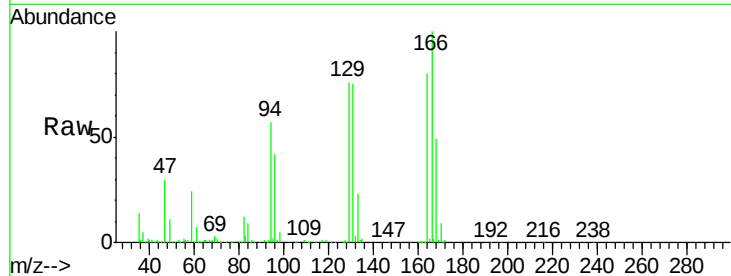
#52
Tetrachloroethene
Concen: 4.213 ppbv m
RT: 11.32 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :
SSG3

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.7	101.6	152.4
129	94.9	80.7	121.1
131	93.8	76.8	115.2

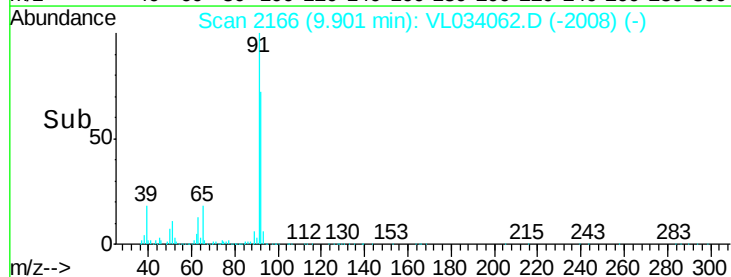
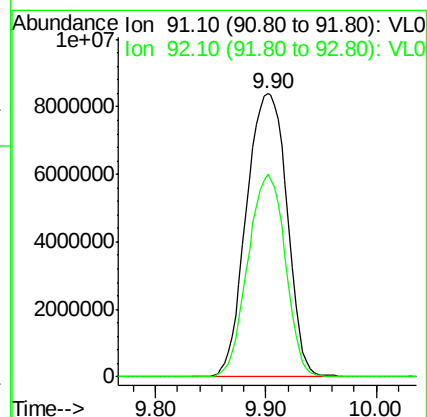
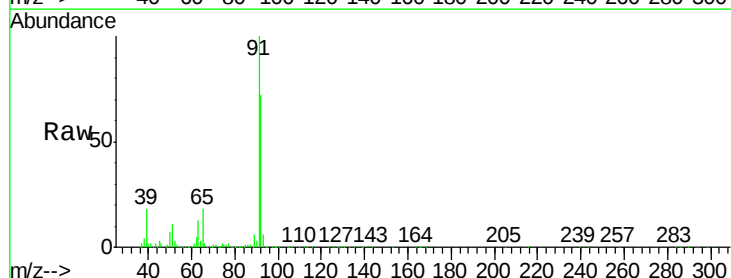
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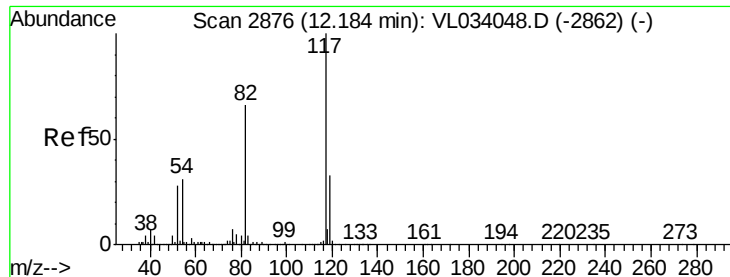
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#53
Toluene
Concen: 72.265 ppbv
RT: 9.90 min Scan# 2166
Delta R.T. 0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	66.2	47.4	71.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.19 min Scan# 2877

Delta R.T. 0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

ClientSampleId :

SSG3

Tot Ion:117 Resp: 3156315

Ion Ratio Lower Upper

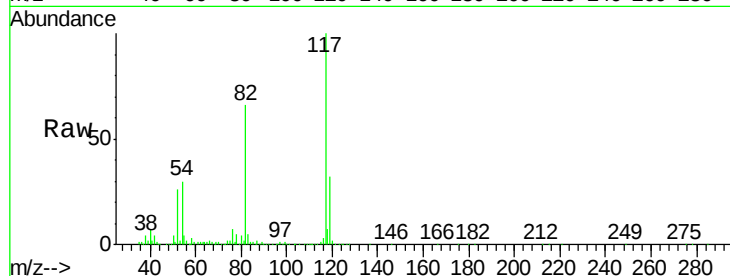
117 100

82 66.0 49.8 74.8

119 33.0 43.0 64.6#

Manual Integrations
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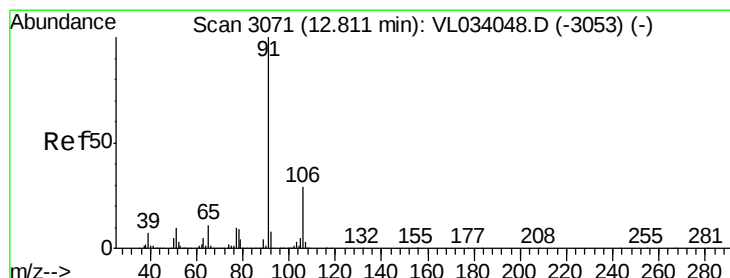
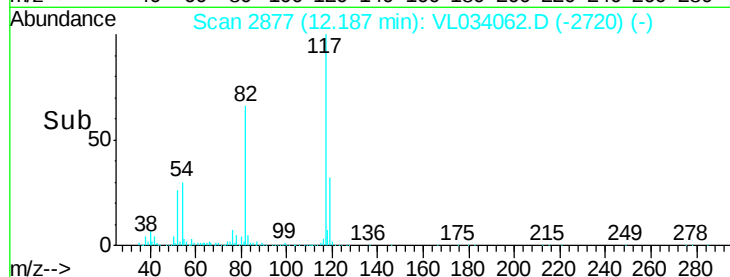
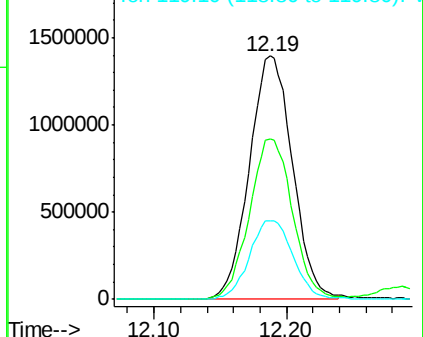
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 13.801 ppbv

RT: 12.81 min Scan# 3072

Delta R.T. 0.00 min

Lab File: VL034062.D

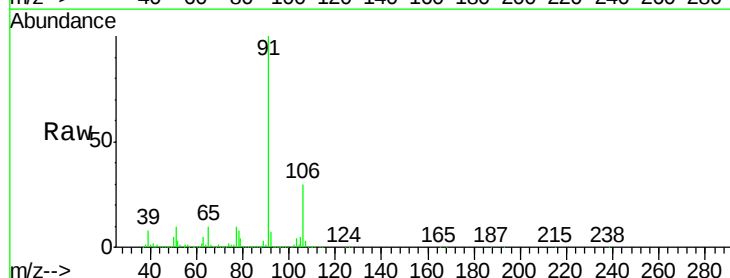
Acq: 30 Jul 2019 12:47

Tgt Ion: 91 Resp: 5155142

Ion Ratio Lower Upper

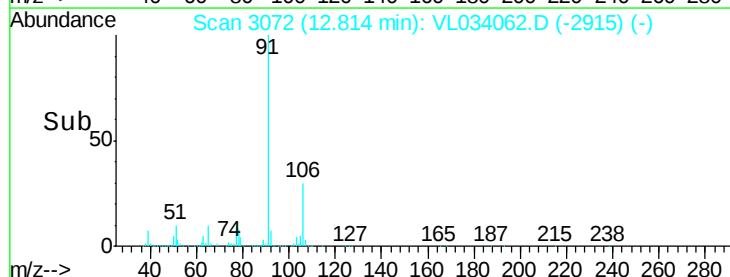
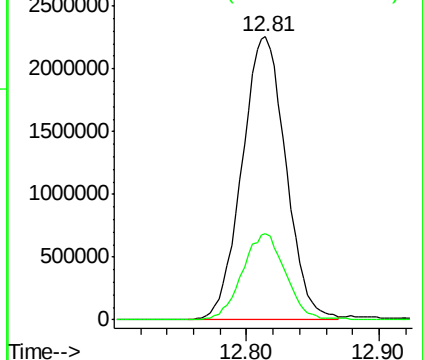
91 100

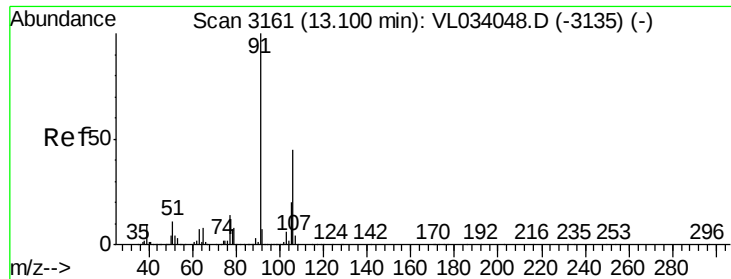
106 30.4 23.5 35.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





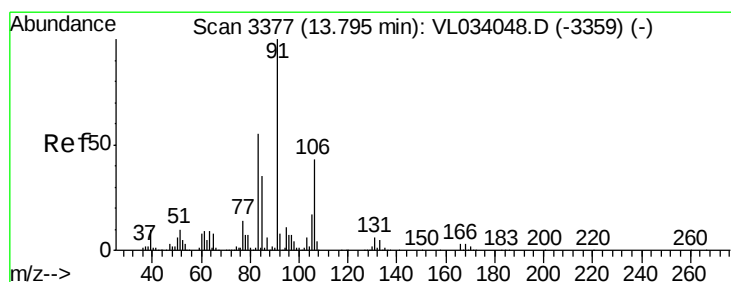
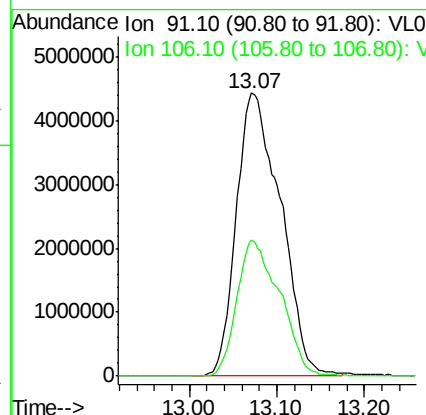
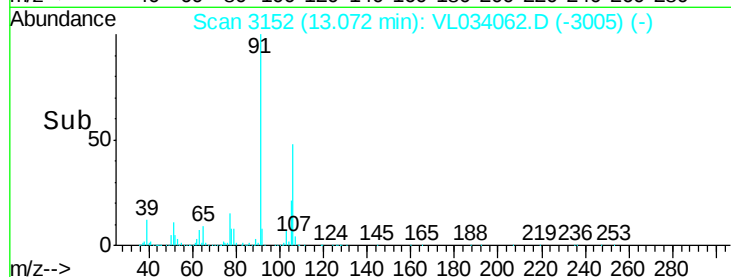
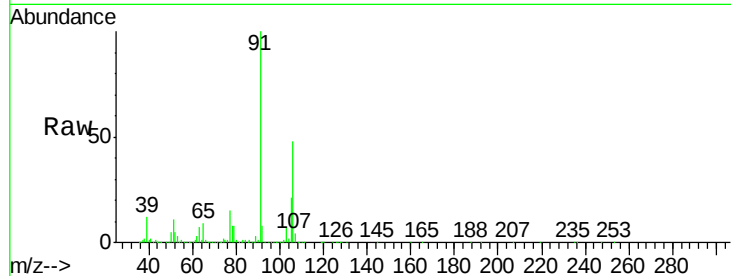
#59
m/p-Xylene
Concen: 45.588 ppbv
RT: 13.07 min Scan# 3152
Delta R.T. -0.03 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampled :
SSG3

Tot Ion: 91 Resp: 15479838
Ion Ratio Lower Upper
91 100
106 47.1 35.1 52.7

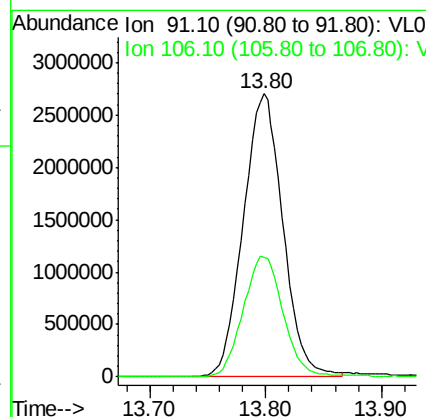
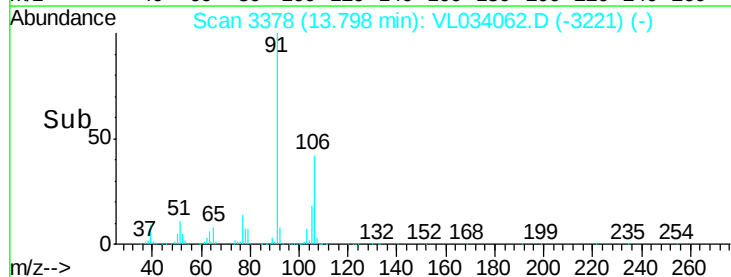
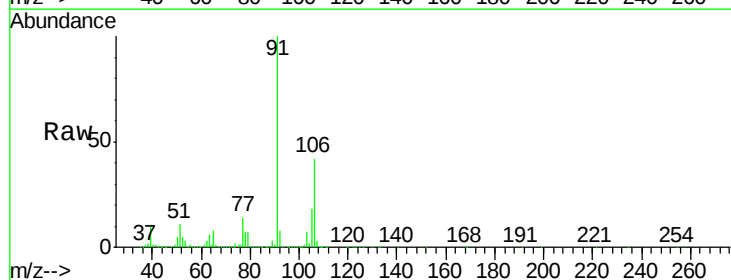
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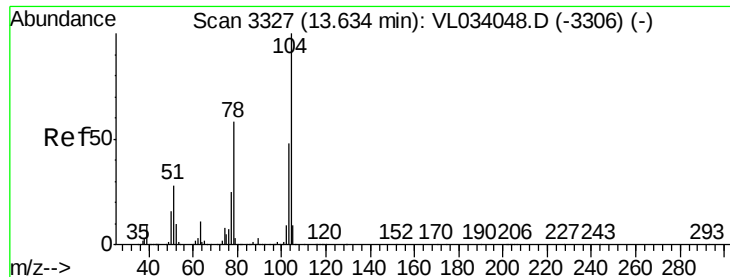
MMDadoda
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#60
o-Xylene
Concen: 18.955 ppbv
RT: 13.80 min Scan# 3378
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 91 Resp: 6397264
Ion Ratio Lower Upper
91 100
106 43.9 21.2 63.6





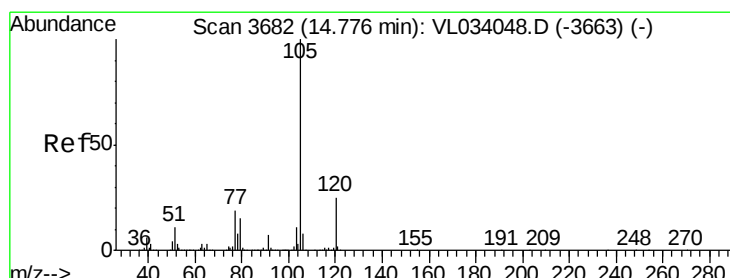
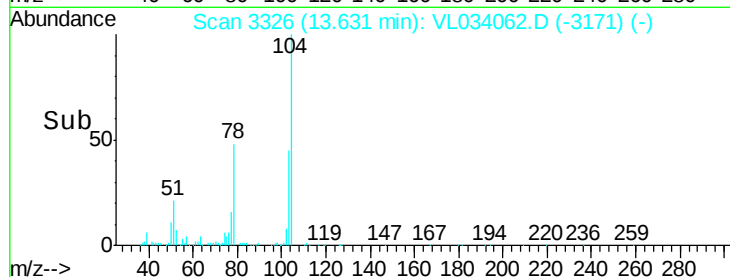
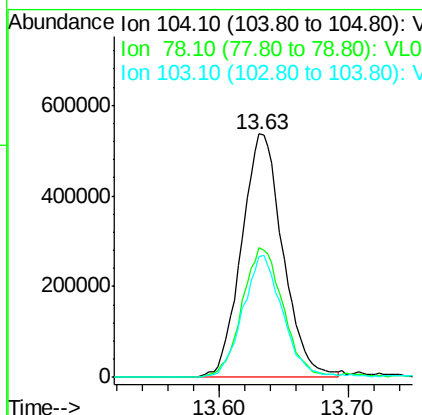
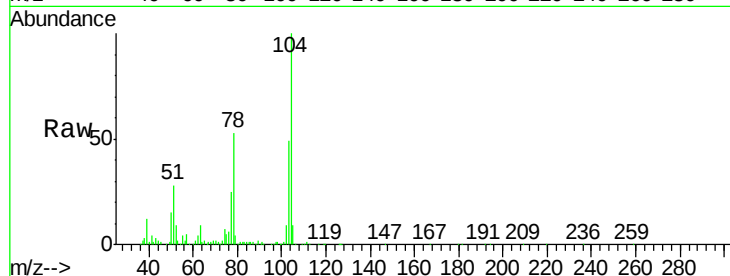
#61
Stvrene
Concen: 5.358 ppbv
RT: 13.63 min Scan# 3326
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :
SSG3

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.2	44.3	66.5
103	48.6	38.8	58.2

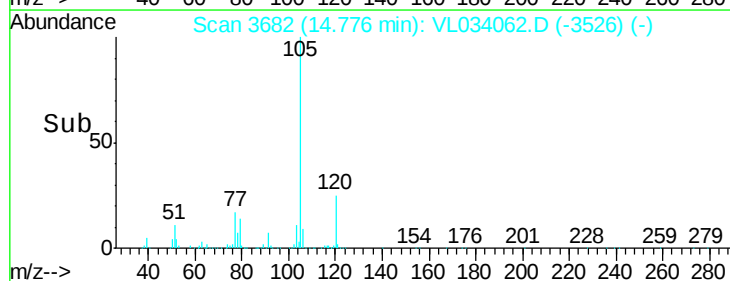
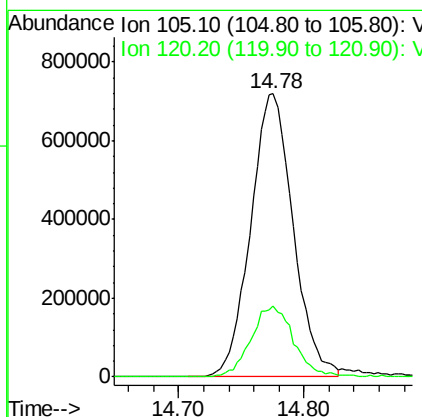
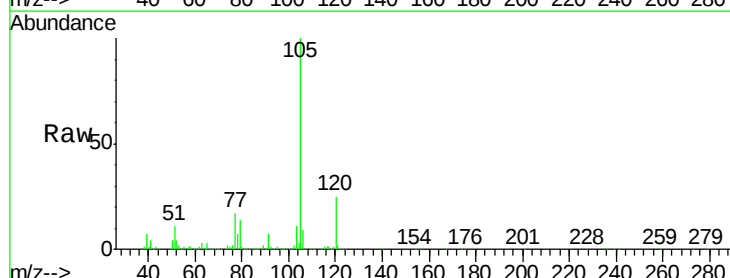
Manual Integrations
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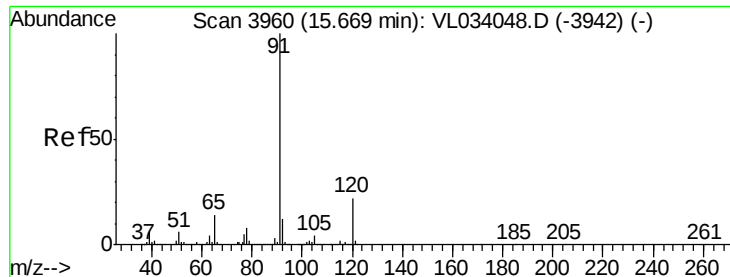
MMDadoda
8/2/2019 9:37:44 AM



#62
Isopropylbenzene
Concen: 3.752 ppbv
RT: 14.78 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.2	30.2





#64

n-propylbenzene

Concen: 5.562 ppbv

RT: 15.67 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

ClientSampleId :

SSG3

Tot Ion:120 Resp: 651221

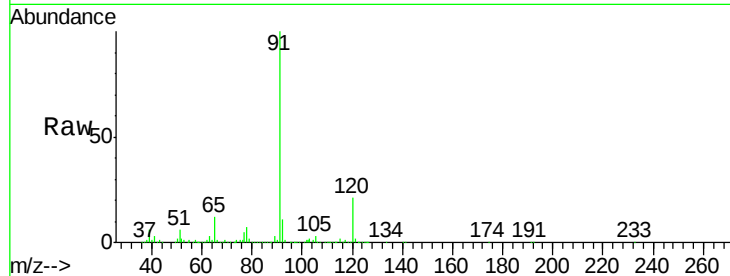
Ion Ratio Lower Upper

120 100

91 497.5 386.2 579.2

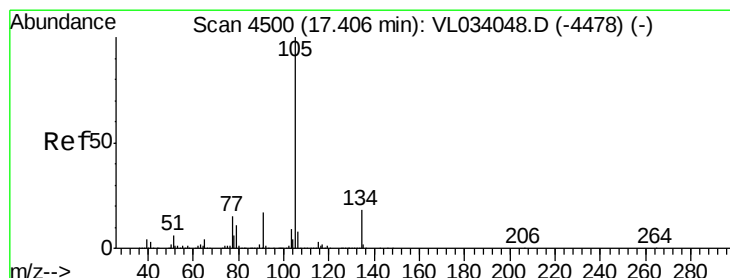
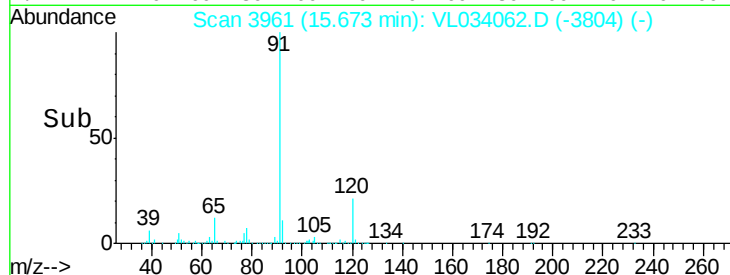
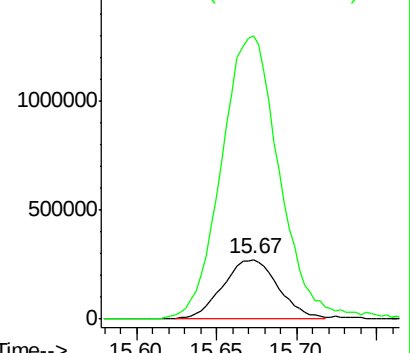
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#67

sec-Butylbenzene

Concen: 0.338 ppbv

RT: 17.41 min Scan# 4502

Delta R.T. 0.01 min

Lab File: VL034062.D

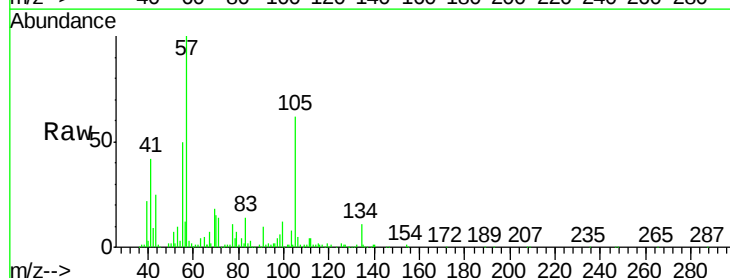
Acq: 30 Jul 2019 12:47

Tgt Ion:105 Resp: 200255

Ion Ratio Lower Upper

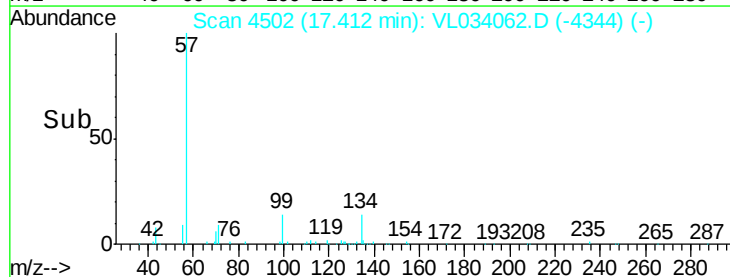
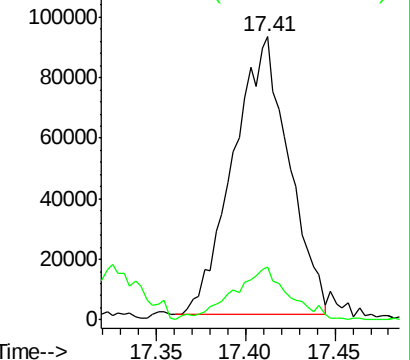
105 100

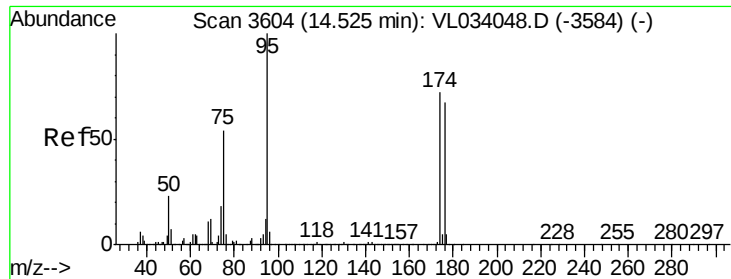
134 18.5 14.3 21.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V





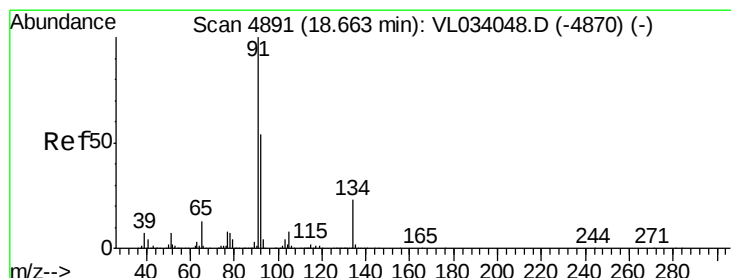
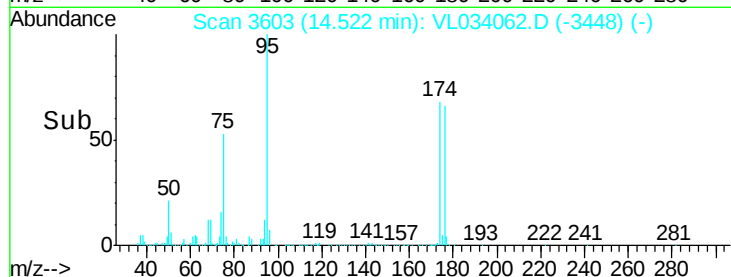
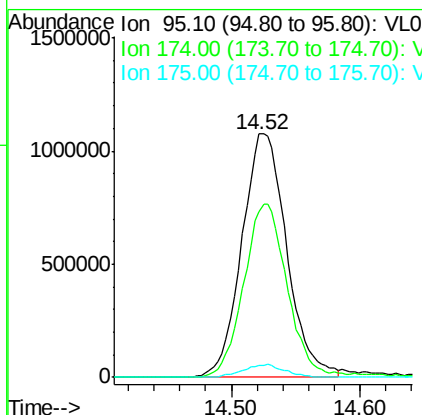
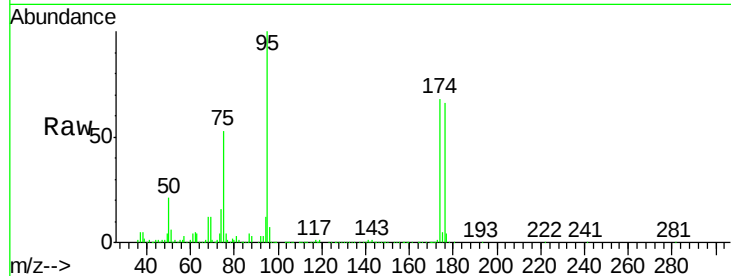
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.405 ppbv
 RT: 14.52 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VL034062.D
 Acq: 30 Jul 2019 12:47

Instrument :
 MSVOA_L
 ClientSampled :
 SSG3

Tot Ion: 95 Resp: 2595952
 Ion Ratio Lower Upper
 95 100
 174 70.9 57.6 86.4
 175 5.1 4.1 6.1

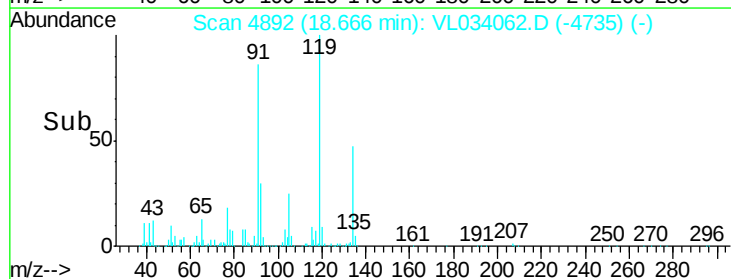
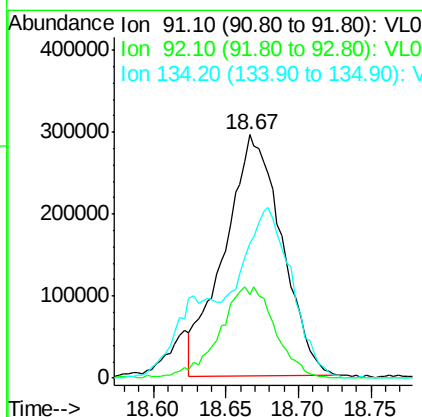
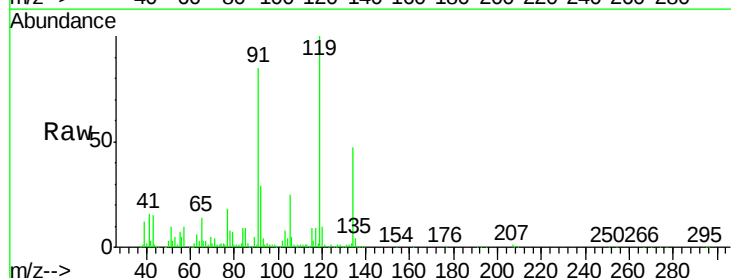
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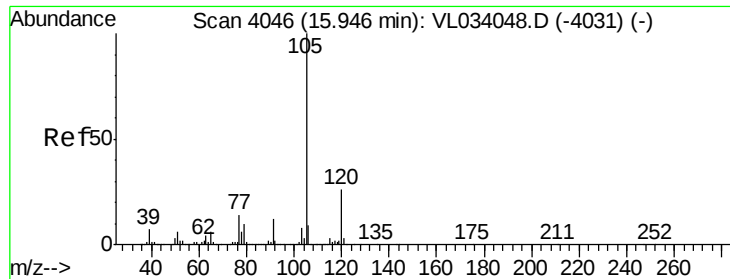
MMdadoda
 8/2/2019 9:37:44 AM



#70
 n-Butylbenzene
 Concen: 1.580 ppbv
 RT: 18.67 min Scan# 4892
 Delta R.T. 0.00 min
 Lab File: VL034062.D
 Acq: 30 Jul 2019 12:47

Tgt Ion: 91 Resp: 807948
 Ion Ratio Lower Upper
 91 100
 92 37.2 42.6 64.0#
 134 90.1 17.7 26.5#





#72

4-Ethyltoluene

Concen: 10.663 ppbv

RT: 15.95 min Scan# 4046

Delta R.T. 0.00 min

Lab File: VL034062.D

Acq: 30 Jul 2019 12:47

Instrument :

MSVOA_L

ClientSampleId :

SSG3

Tot Ion:105 Resp: 4069175

Ion Ratio Lower Upper

105 100

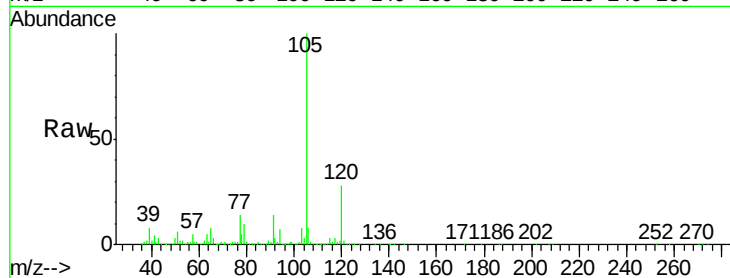
120 30.5 23.0 34.4

91 13.5 10.6 16.0

77 13.3 11.5 17.3

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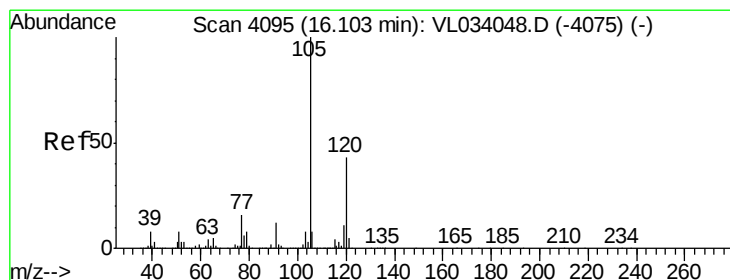
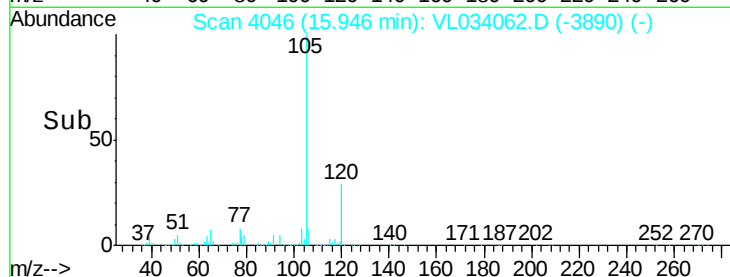
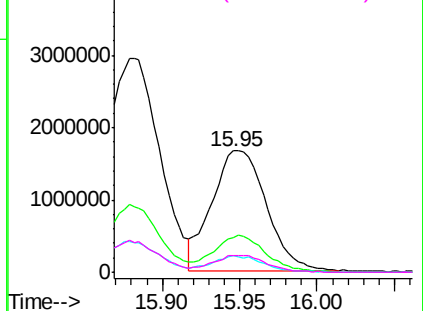


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 7.537 ppbv

RT: 16.11 min Scan# 4096

Delta R.T. 0.00 min

Lab File: VL034062.D

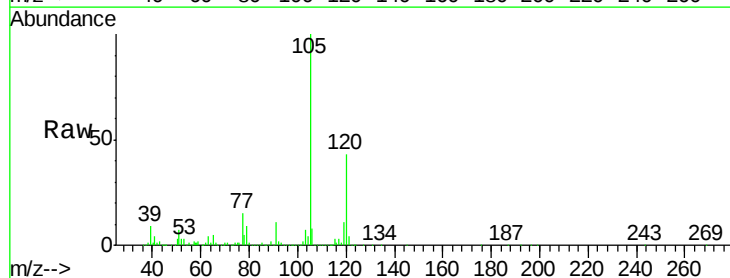
Acq: 30 Jul 2019 12:47

Tgt Ion:105 Resp: 2927359

Ion Ratio Lower Upper

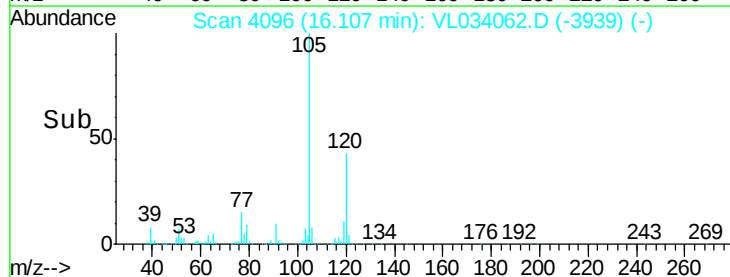
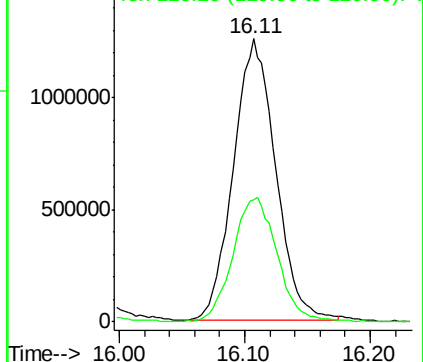
105 100

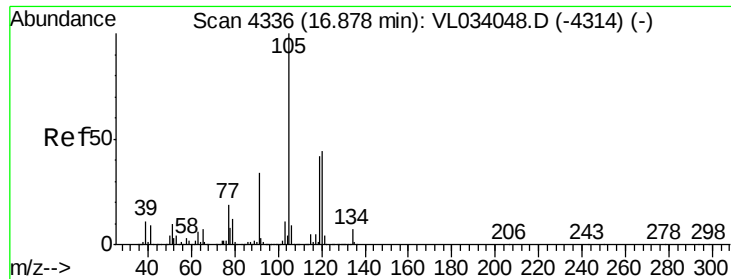
120 43.2 34.7 52.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





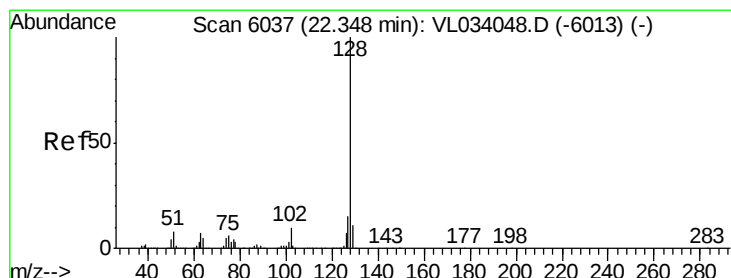
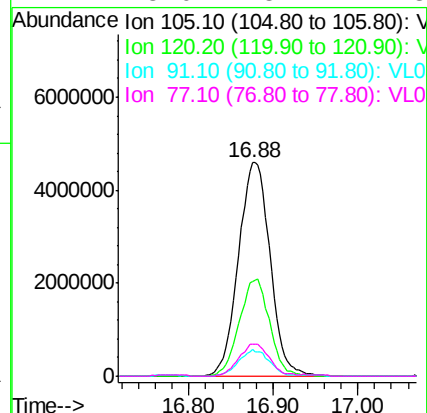
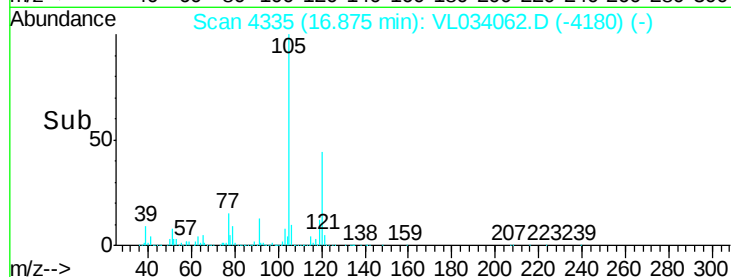
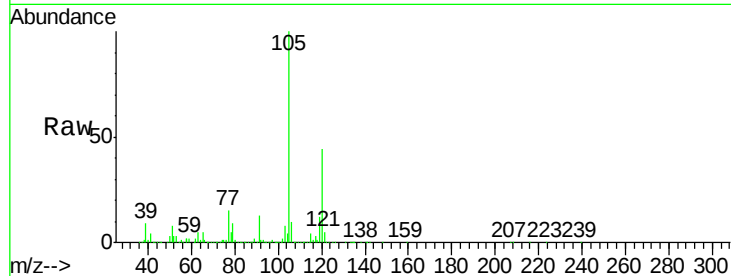
#74
 1,2,4-Trimethylbenzene
 Concen: 28.135 ppbv
 RT: 16.88 min Scan# 4335
 Delta R.T. -0.00 min
 Lab File: VL034062.D
 Acq: 30 Jul 2019 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG3

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.4	35.6	53.4
91	12.8	28.0	42.0
77	15.0	15.2	22.8

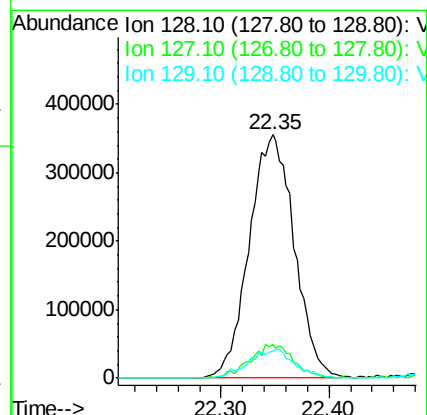
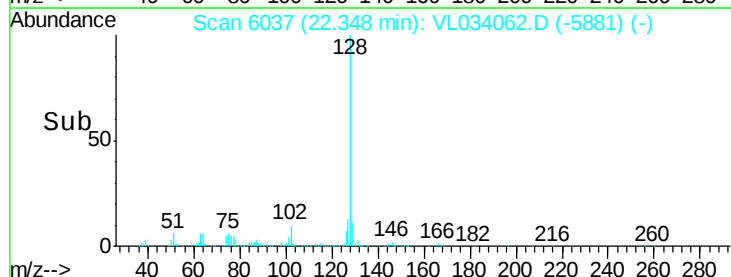
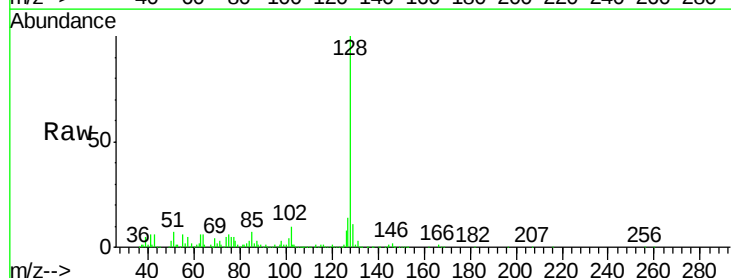
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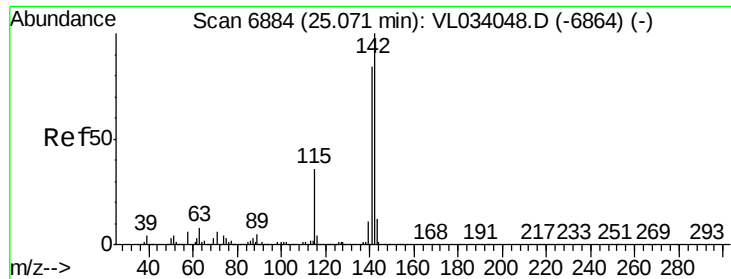
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#79
 Naphthalene
 Concen: 2.766 ppbv
 RT: 22.35 min Scan# 6037
 Delta R.T. 0.00 min
 Lab File: VL034062.D
 Acq: 30 Jul 2019 12:47

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.8	17.6
129	11.2	9.1	13.7





#80
 Naphthalene, 2-methyl-
 Concen: 0.292 ppbv m
 RT: 25.07 min Scan# 6883
 Delta R.T. -0.00 min
 Lab File: VL034062.D
 Acq: 30 Jul 2019 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG3

Tot Ion	Ratio	Lower	Upper
142	100		
141	44.9	67.6	101.4#
115	24.6	29.8	44.6#

Manual Integrations
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