

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
 Data File : VL025814.D
 Acq On : 31 Jul 2015 15:48
 Operator : SY/MD
 Sample : G3144-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:25:40 PM

Quant Time: Aug 04 11:53:34 2015

Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08

QLast Update : Wed Jul 08 02:22:55 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.68	49	570763	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	8.36	114	1538955	10.00	ppbv	0.03
55) Chlorobenzene-d5	13.98	117	2069315	10.00	ppbv	0.23

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.43	95	1826560	10.46	ppbv	0.13
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.65	85	17864	0.12	ppbv	96
3) Chlorodifluoromethane	3.56	51	95488m	1.19	ppbv	
4) Chloromethane	3.76	50	12094	0.33	ppbv	89
9) Propene	3.61	41	37836	1.42	ppbv	89
10) Heptane	9.39	43	63726	0.61	ppbv #	25
11) Trichlorofluoromethane	4.70	101	49840	0.26	ppbv	93
13) Ethanol	4.34	45	62167	14.96	ppbv	92
15) Acetone	4.62	43	1228883	12.19	ppbv	94
17) tert-Butyl alcohol	5.16	59	16735	0.20	ppbv #	69
18) 1,1-Dichloroethene	5.10	96	3825	0.09	ppbv #	59
19) Isopropyl Alcohol	4.77	45	104774	2.60	ppbv #	96
20) Methylene Chloride	5.16	84	209487	5.11	ppbv	96
22) trans-1,2-Dichloroethene	5.78	96	83894	1.95	ppbv	97
27) Carbon Disulfide	5.40	76	17536	0.15	ppbv #	53
29) Chloroform	6.77	83	33550	0.24	ppbv	99
31) cis-1,2-Dichloroethene	6.54	61	12715116	178.09	ppbv #	57
32) 1,1,1-Trichloroethane	7.63	97	175810	1.14	ppbv	97
34) 2-Butanone	6.23	43	1583405	18.13	ppbv	100
35) Carbon Tetrachloride	8.20	117	11199	0.07	ppbv	90
36) Benzene	8.06	78	35484	0.24	ppbv	94
38) Trichloroethene	9.12	130	19405563	283.17	ppbv	89
41) Tetrahydrofuran	7.15	42	2035317	46.69	ppbv	98
50) 4-Methyl-2-Pentanone	10.13	43	75491	0.60	ppbv	96
52) Tetrachloroethene	13.25	164	140065961m	1894.75	ppbv	
53) Toluene	11.28	91	1059476m	5.11	ppbv	
57) Chlorobenzene	14.04	112	168624m	0.77	ppbv	
58) Ethyl Benzene	14.61	91	298049	0.87	ppbv	94
59) m/p-Xylene	14.88	91	1233444	4.11	ppbv	98
60) o-Xylene	15.66	91	543070	1.68	ppbv	100
61) Styrene	15.48	104	75145	0.66	ppbv	97
62) Isopropylbenzene	16.68	105	51530	0.12	ppbv	98
64) n-propylbenzene	17.63	120	43338	0.38	ppbv	72
72) 4-Ethyltoluene	17.92	105	348737m	0.98	ppbv	
73) 1,3,5-Trimethylbenzene	18.08	105	322997m	0.92	ppbv	
74) 1,2,4-Trimethylbenzene	18.91	105	995858	2.53	ppbv #	68
75) 1,3-Dichlorobenzene	19.21	146	28783m	0.11	ppbv	
76) 1,4-Dichlorobenzene	19.35	146	546935	2.13	ppbv	98
79) Naphthalene	23.96	128	148553	0.39	ppbv	97
80) Naphthalene,2-methyl-	26.06	142	36259m	0.33	ppbv	

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Manual Integrations
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Quant Time: Aug 04 11:53:34 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

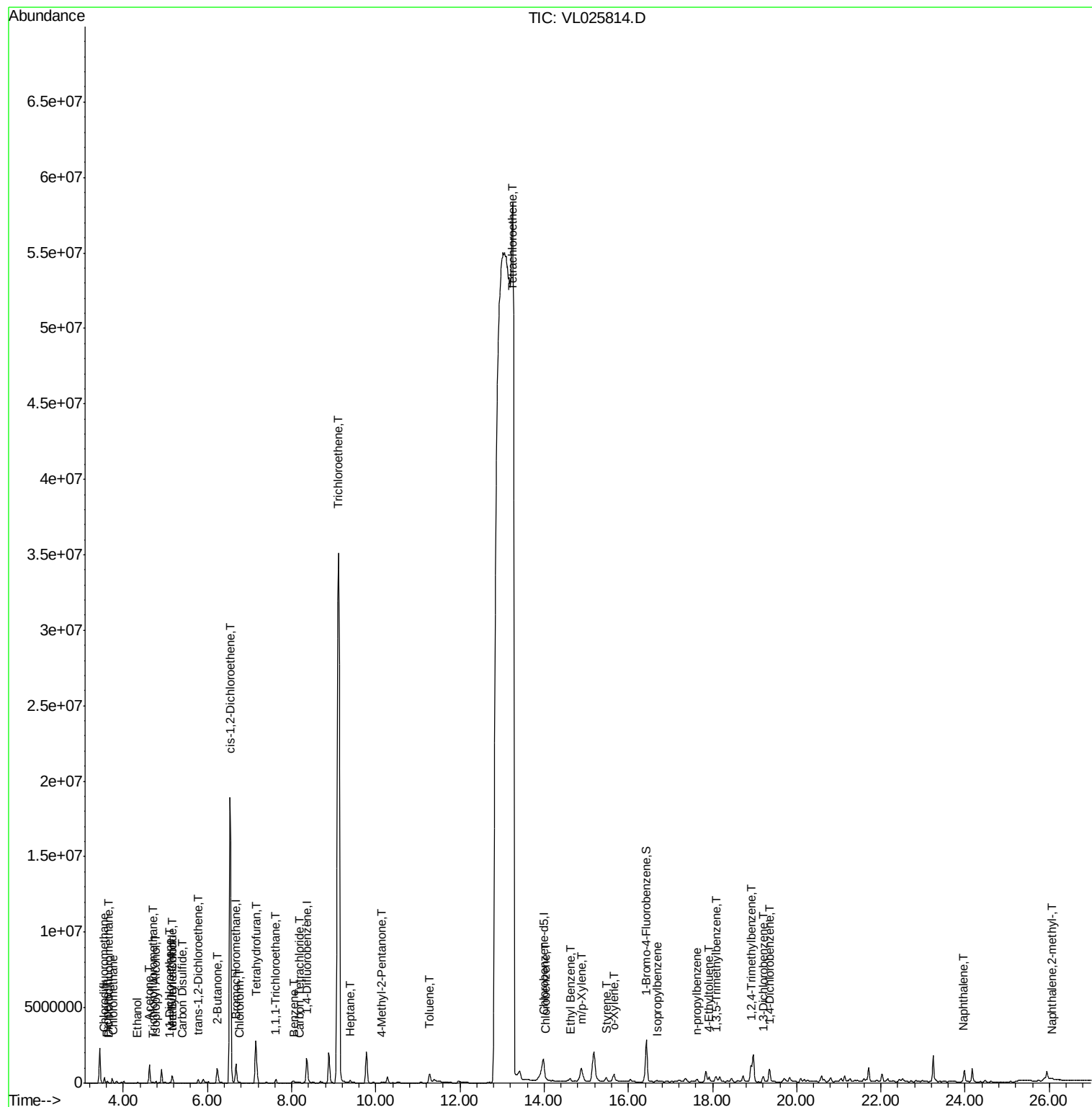
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
Data File : VL025814.D
Acq On : 31 Jul 2015 15:48
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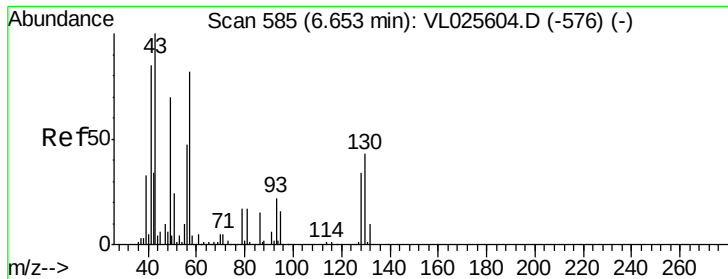
Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Quant Time: Aug 04 11:53:34 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.68 min Scan# 589

Delta R.T. 0.02 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tgt Ion: 49 Resp: 570763
Ion Ratio Lower Upper

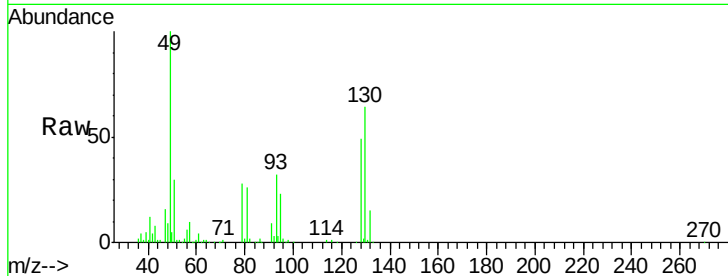
49 100

128 51.2 25.4 76.0

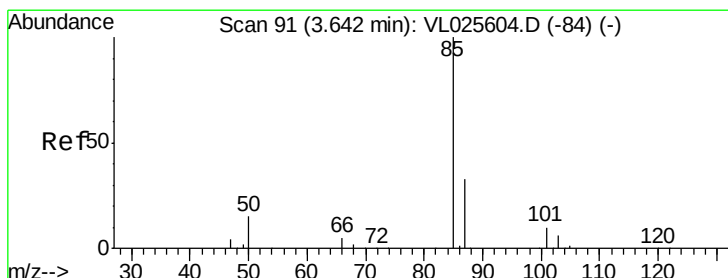
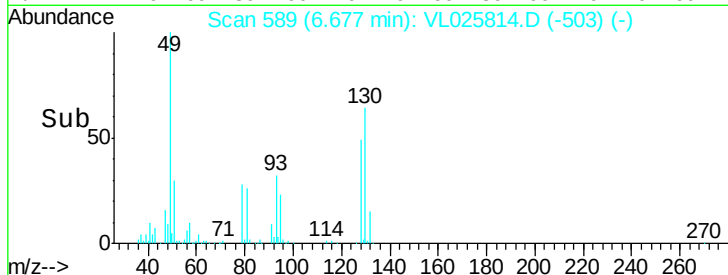
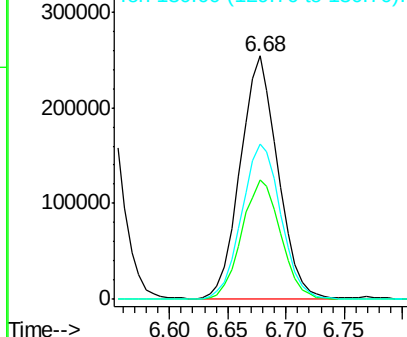
130 67.0 31.9 95.9

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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.12 ppbv

RT: 3.65 min Scan# 92

Delta R.T. 0.01 min

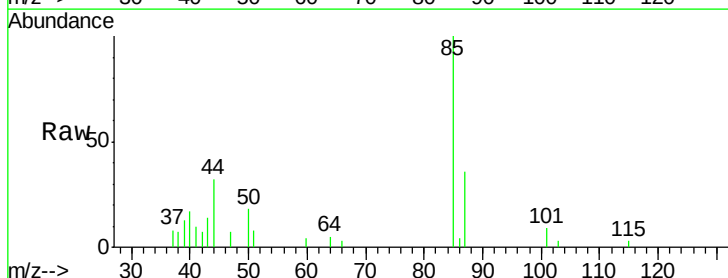
Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

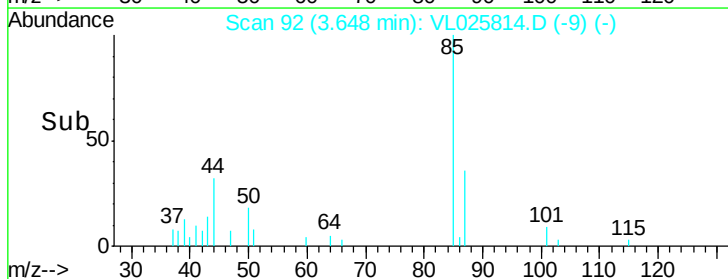
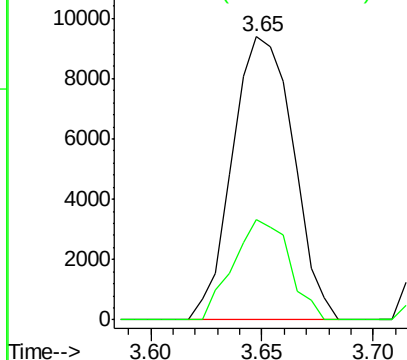
Tgt Ion: 85 Resp: 17864
Ion Ratio Lower Upper

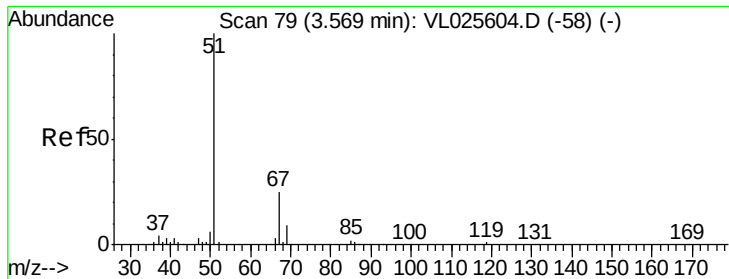
85 100

87 35.6 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.19 ppbv m

RT: 3.56 min Scan# 77

Delta R.T. -0.01 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tgt Ion: 51 Resp: 95488

Ion Ratio Lower Upper

51 100

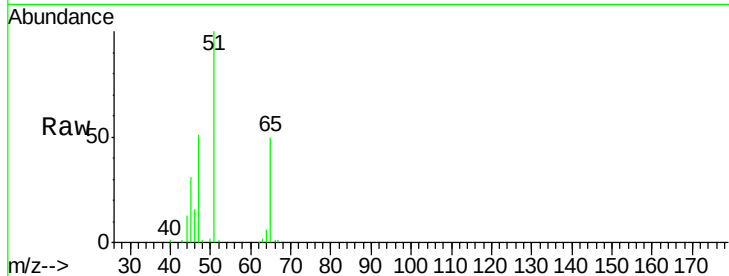
67 10.0 19.5 29.3#

Manual Integrations

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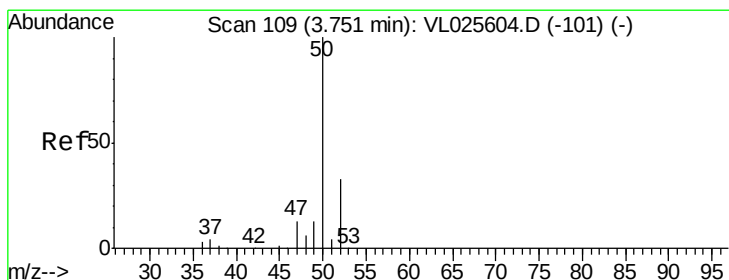
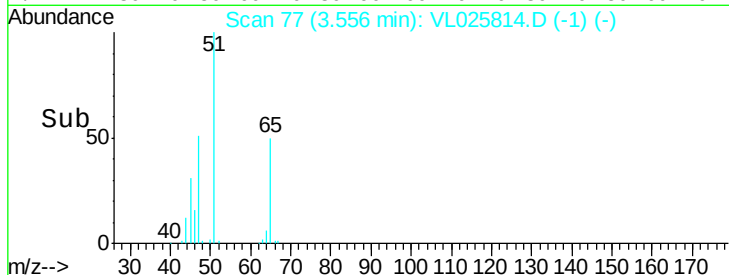
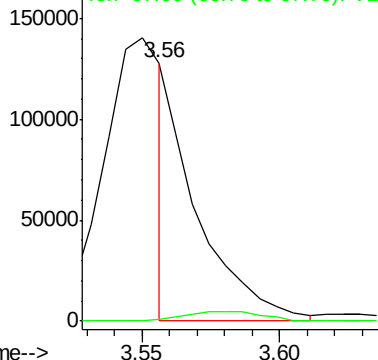
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.33 ppbv

RT: 3.76 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL025814.D

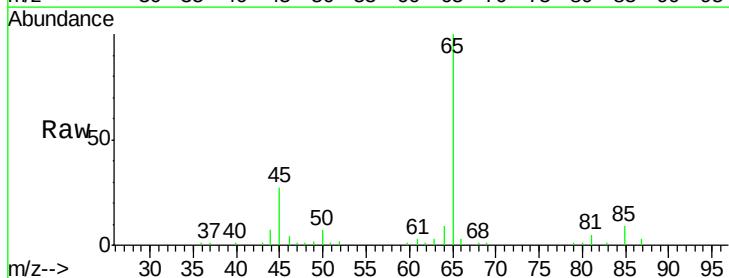
Acq: 31 Jul 2015 15:48

Tgt Ion: 50 Resp: 12094

Ion Ratio Lower Upper

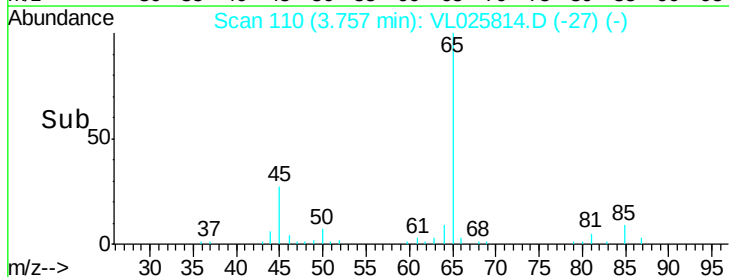
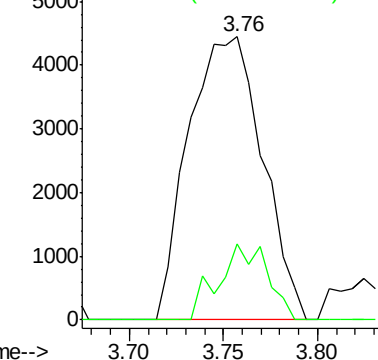
50 100

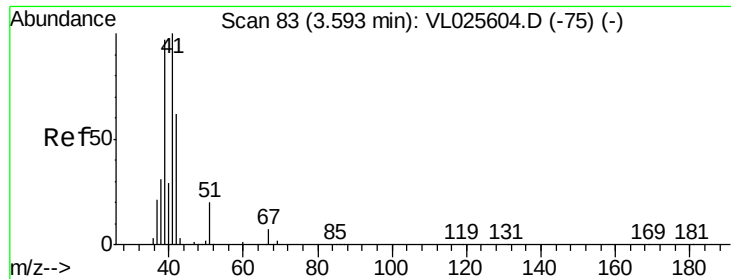
52 26.7 26.2 39.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.42 ppbv

RT: 3.61 min Scan# 86

Delta R.T. 0.02 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion: 41 Resp: 37836

Ion Ratio Lower Upper

41 100

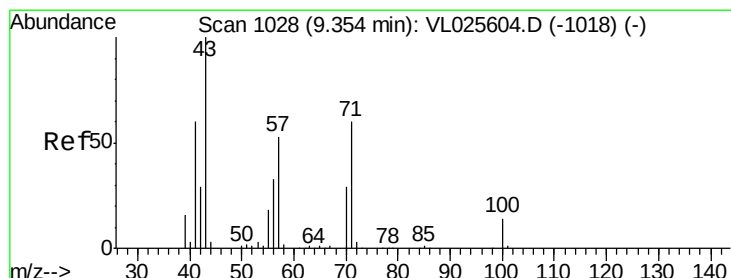
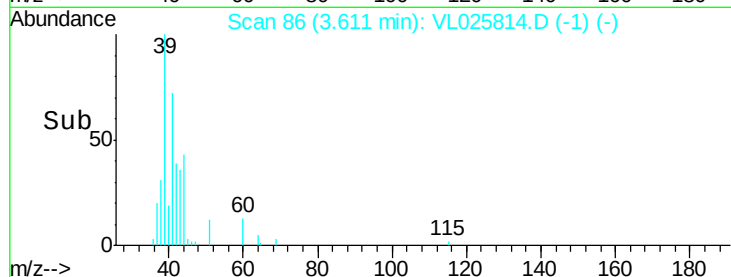
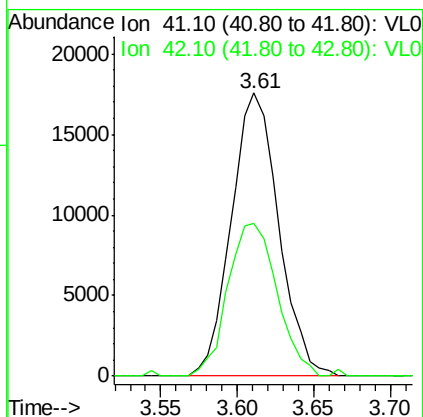
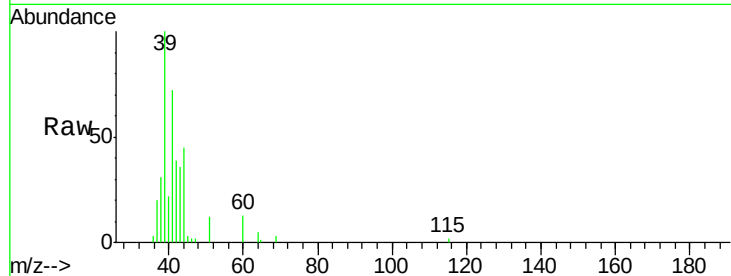
42 56.7 52.4 78.6

Manual Integrations

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#10

Heptane

Concen: 0.61 ppbv

RT: 9.39 min Scan# 1034

Delta R.T. 0.04 min

Lab File: VL025814.D

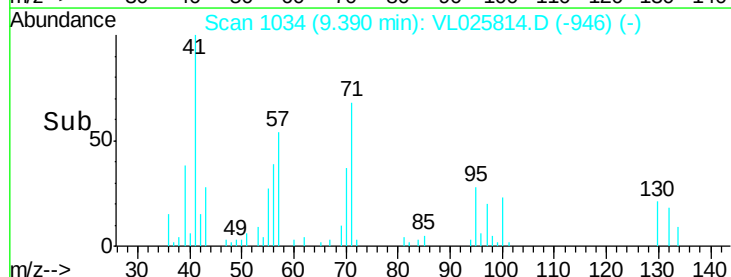
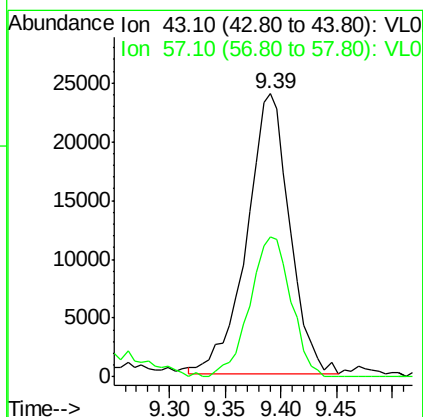
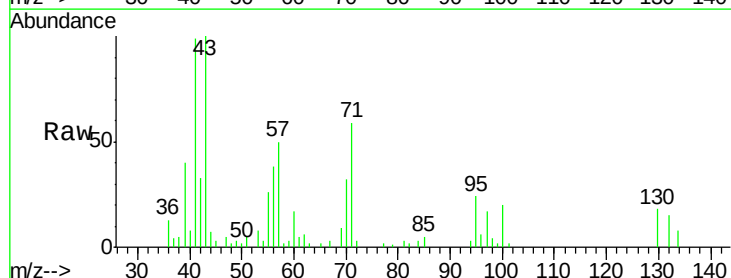
Acq: 31 Jul 2015 15:48

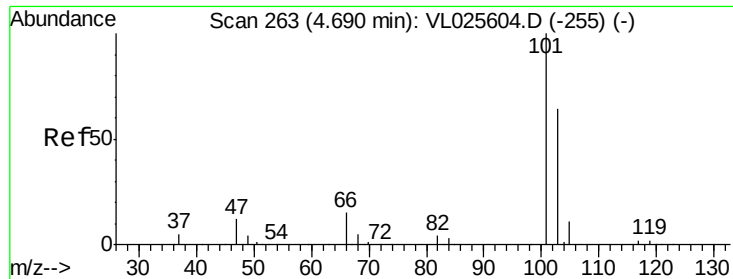
Tgt Ion: 43 Resp: 63726

Ion Ratio Lower Upper

43 100

57 0.0 42.6 64.0#





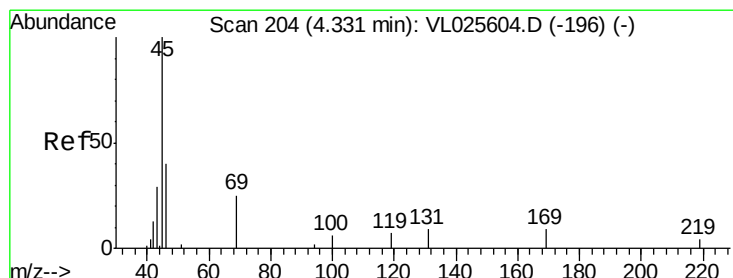
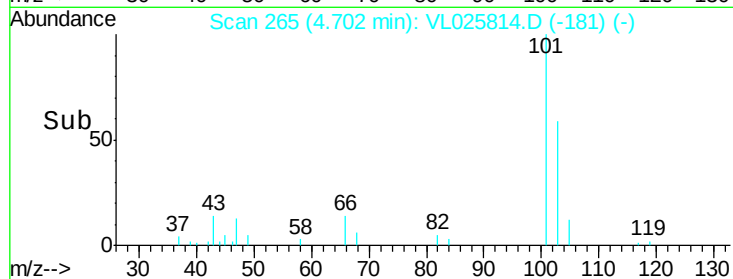
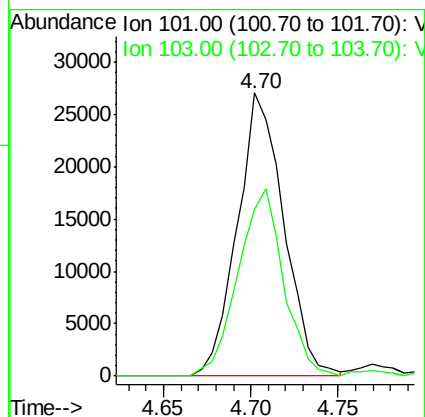
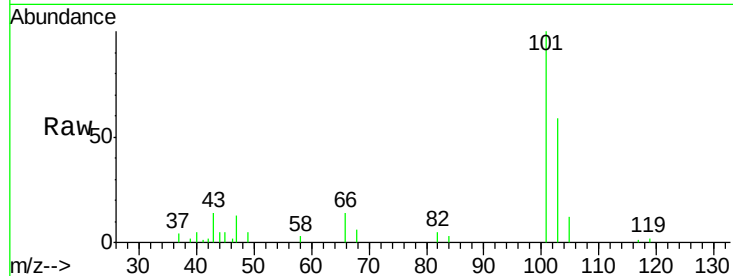
#11
 Trichlorofluoromethane
 Concen: 0.26 ppbv
 RT: 4.70 min Scan# 265
 Delta R.T. 0.01 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tgt Ion: 101 Resp: 49840
 Ion Ratio Lower Upper
 101 100
 103 59.0 51.4 77.2

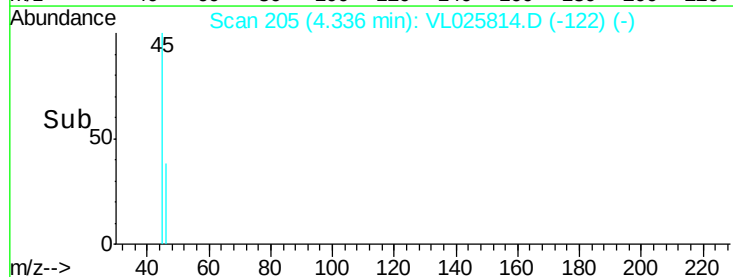
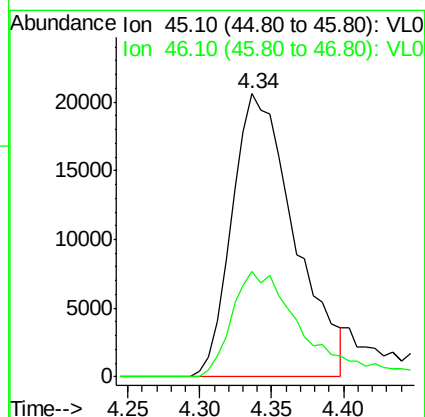
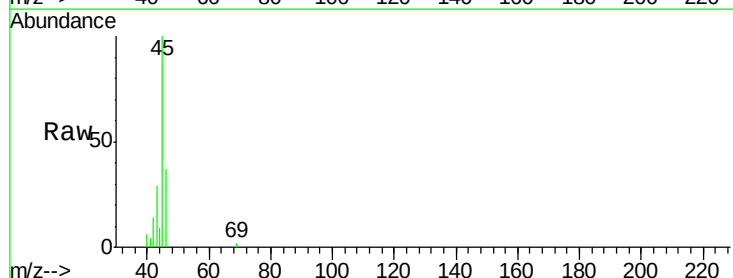
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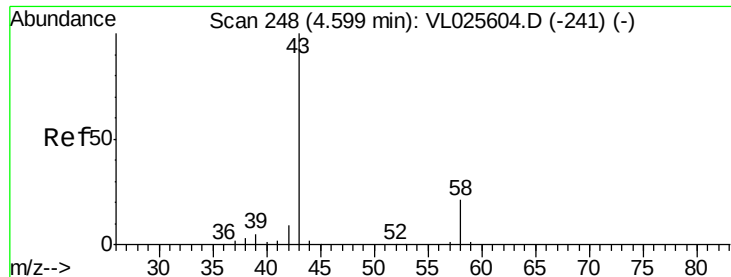
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#13
 Ethanol
 Concen: 14.96 ppbv
 RT: 4.34 min Scan# 205
 Delta R.T. 0.01 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Tgt Ion: 45 Resp: 62167
 Ion Ratio Lower Upper
 45 100
 46 44.8 16.0 64.0





#15

Acetone

Concen: 12.19 ppbv

RT: 4.62 min Scan# 252

Delta R.T. 0.02 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tgt Ion: 43 Resp: 1228883

Ion Ratio Lower Upper

43 100

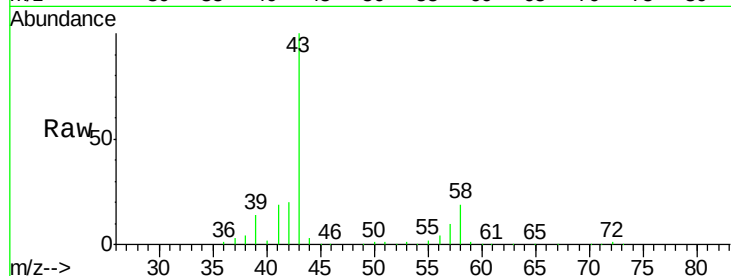
58 18.7 17.2 25.8

Manual Integrations

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

600000

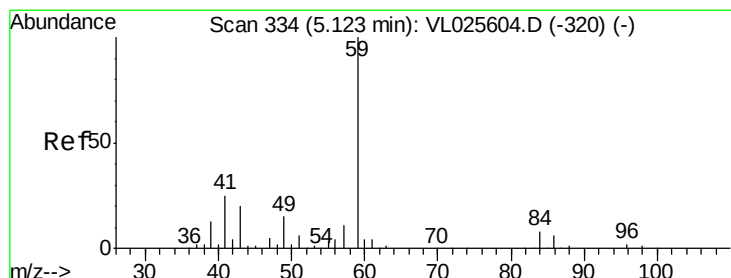
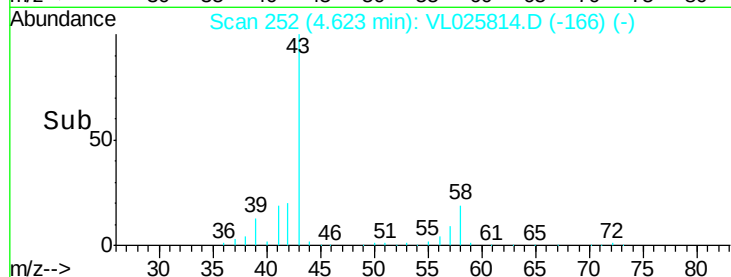
400000

200000

0

4.60 4.70

Time-->



#17

tert-Butyl alcohol

Concen: 0.20 ppbv

RT: 5.16 min Scan# 340

Delta R.T. 0.04 min

Lab File: VL025814.D

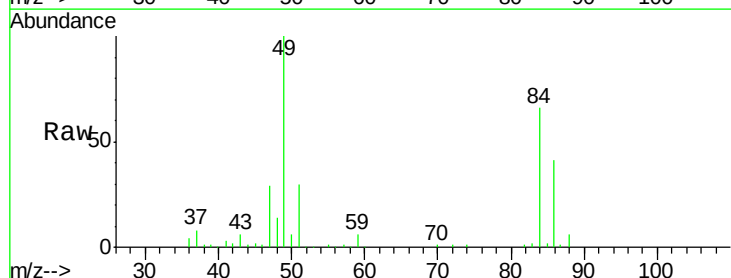
Acq: 31 Jul 2015 15:48

Tgt Ion: 59 Resp: 16735

Ion Ratio Lower Upper

59 100

57 0.0 9.4 14.2#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

10000

8000

6000

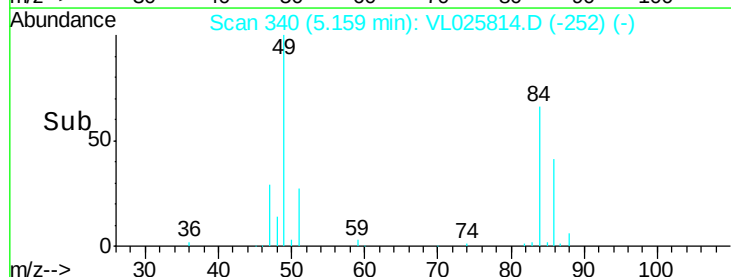
4000

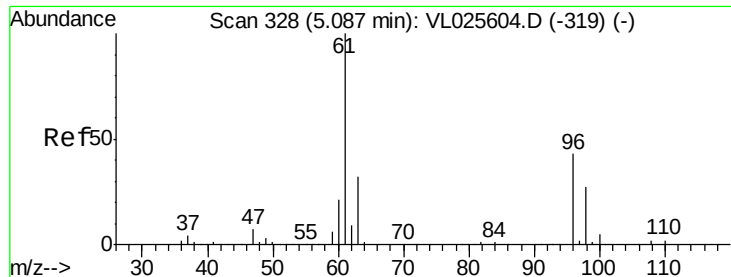
2000

0

5.10 5.15

Time-->





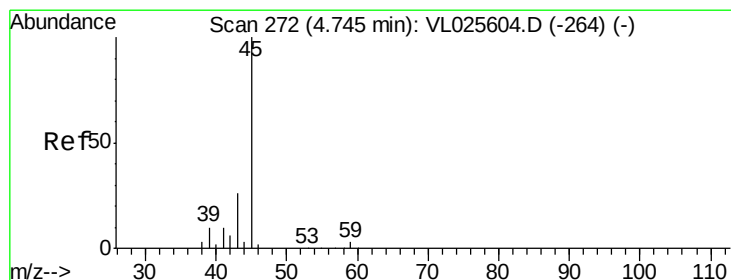
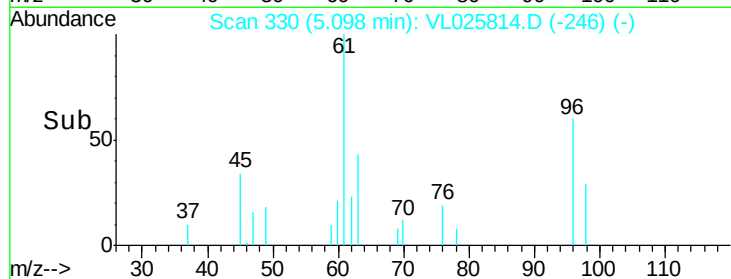
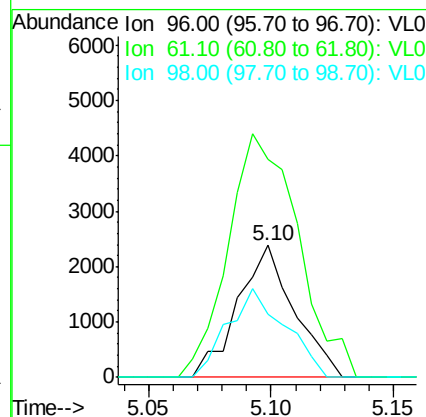
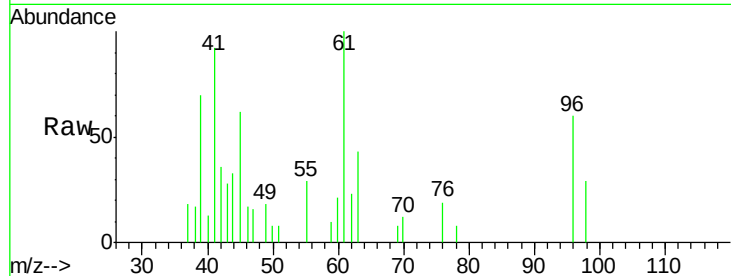
#18
 1,1-Dichloroethene
 Concen: 0.09 ppbv
 RT: 5.10 min Scan# 330
 Delta R.T. 0.01 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tgt Ion: 96 Resp: 3825
 Ion Ratio Lower Upper
 96 100
 61 151.7 184.1 276.1#
 98 47.8 50.0 75.0#

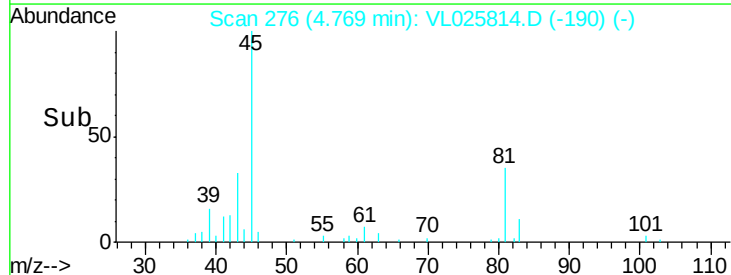
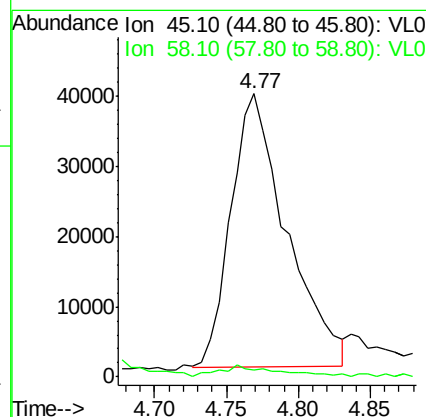
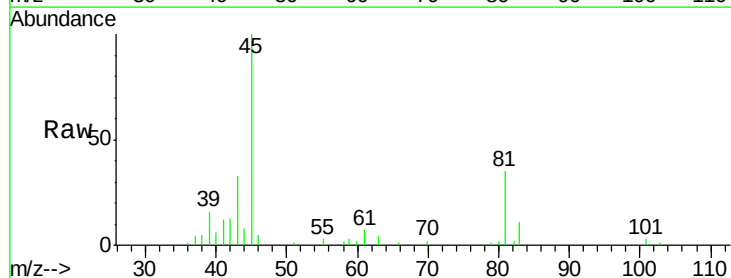
Manual Integrations
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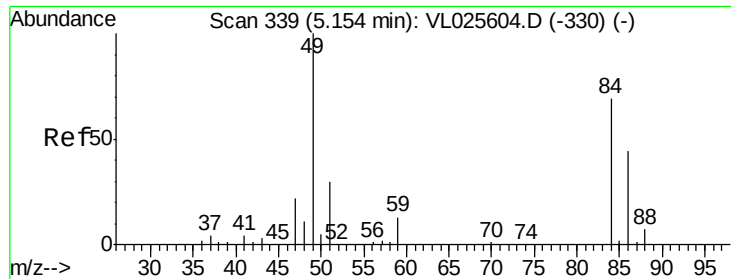
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#19
 Isopropyl Alcohol
 Concen: 2.60 ppbv
 RT: 4.77 min Scan# 276
 Delta R.T. 0.02 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Tgt Ion: 45 Resp: 104774
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.1 1.7#





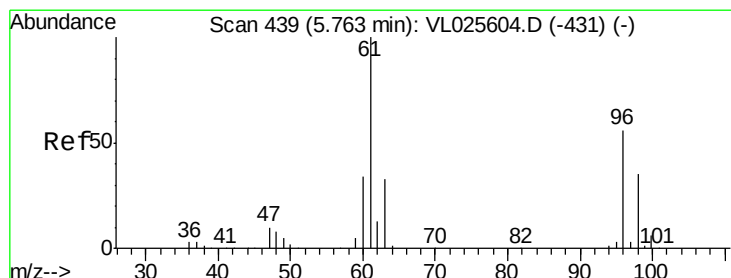
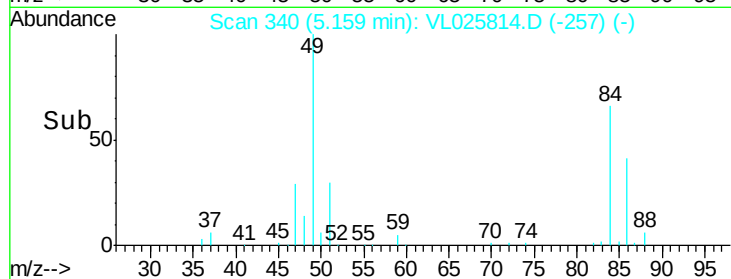
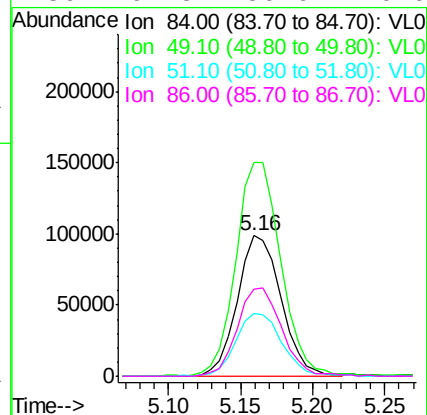
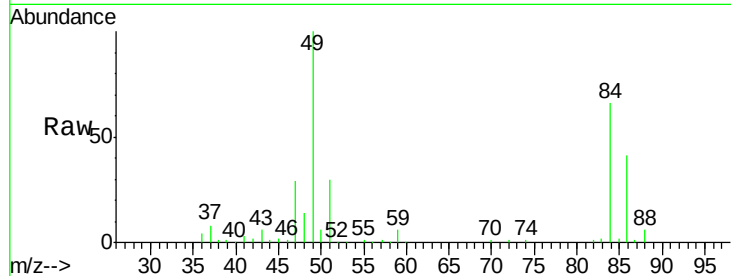
#20
Methylene Chloride
Concen: 5.11 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion	Ratio	Lower	Upper
84	100		
49	150.9	115.2	172.8
51	44.5	35.0	52.6
86	62.3	50.6	76.0

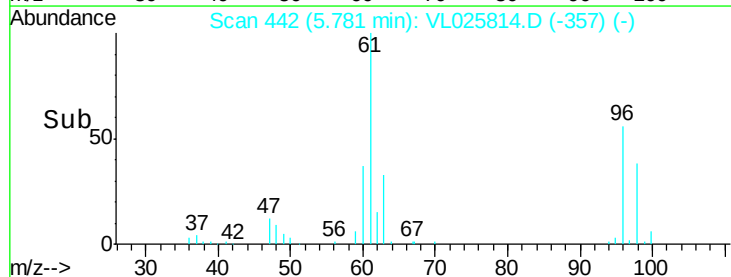
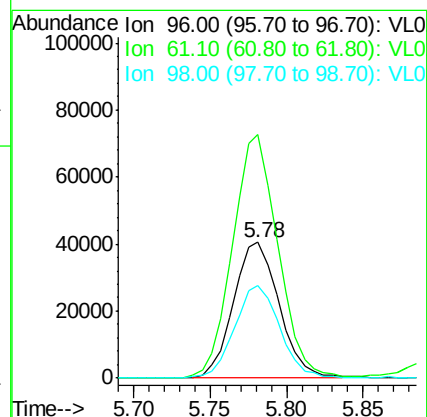
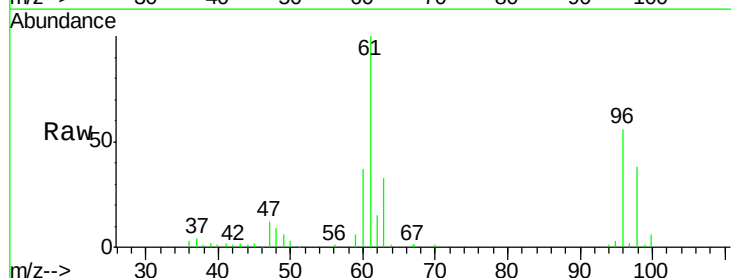
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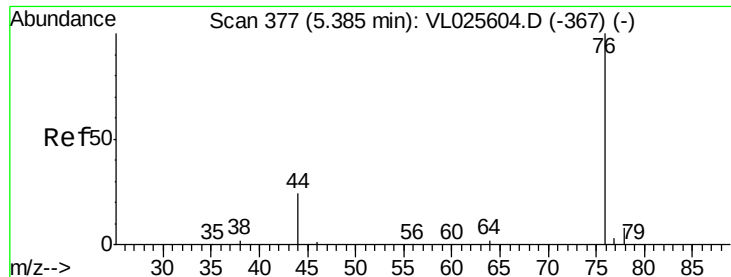
MMDadoda
8/4/2015 12:25:40 PM



#22
trans-1,2-Dichloroethene
Concen: 1.95 ppbv
RT: 5.78 min Scan# 442
Delta R.T. 0.02 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.0	141.8	212.6
98	68.2	49.0	73.6





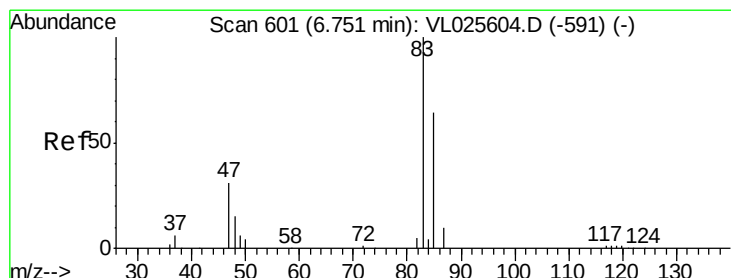
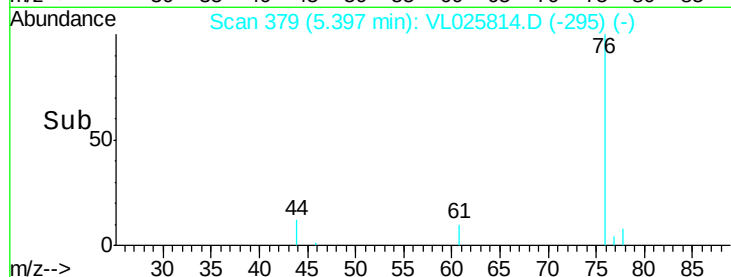
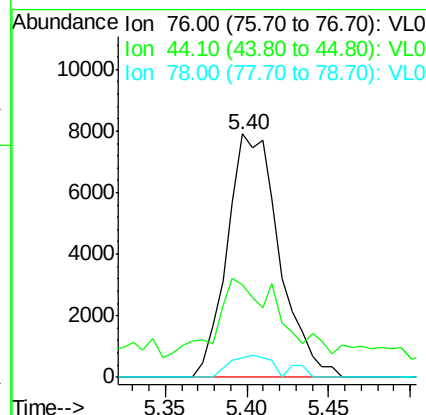
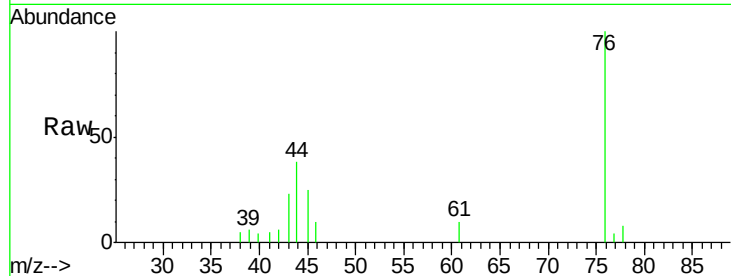
#27
Carbon Disulfide
Concen: 0.15 ppbv
RT: 5.40 min Scan# 379
Delta R.T. 0.01 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Instrument :
MSVOA_L
ClientSampled :
INFLUENT

Tgt Ion	Ratio	Lower	Upper
76	100		
44	57.8	20.2	30.4#
78	8.8	7.4	11.2

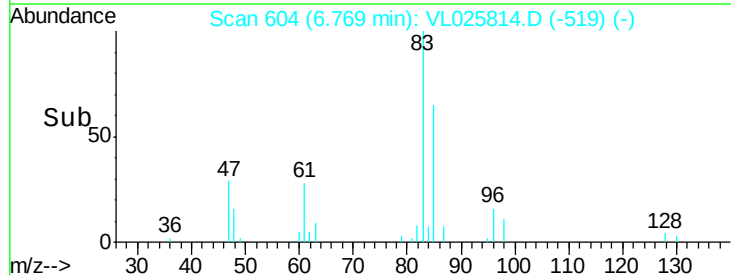
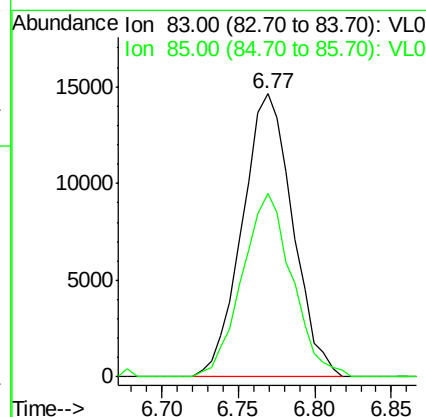
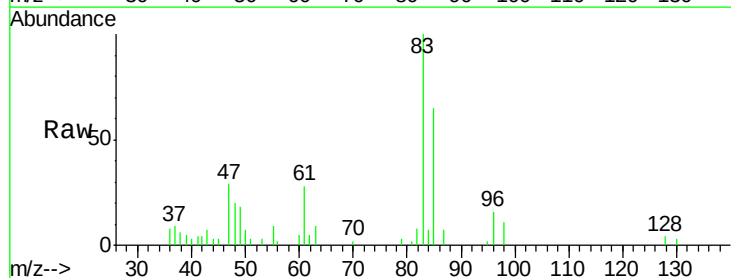
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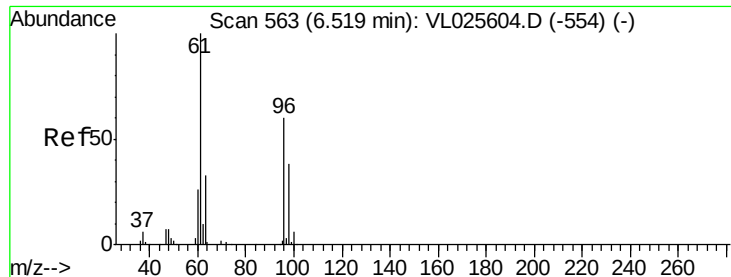
MMDadoda
8/4/2015 12:25:40 PM



#29
Chloroform
Concen: 0.24 ppbv
RT: 6.77 min Scan# 604
Delta R.T. 0.02 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.6	77.4





#31

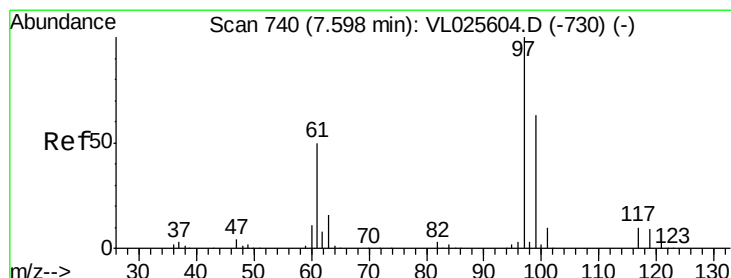
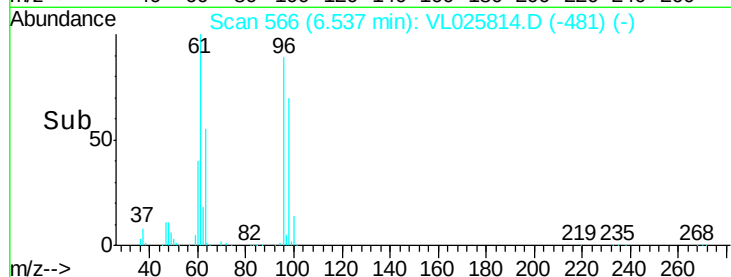
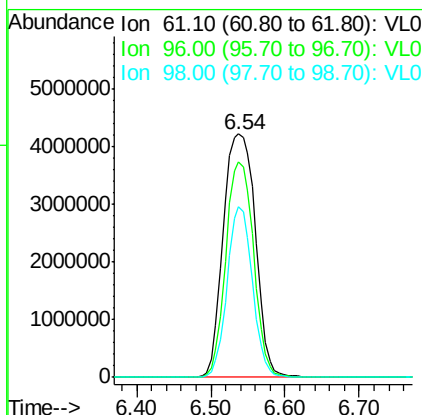
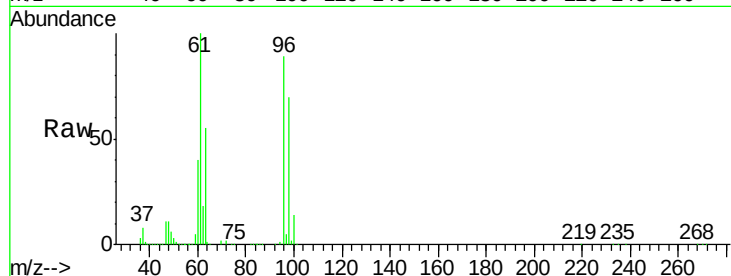
cis-1,2-Dichloroethene
Concen: 178.09 ppbv
RT: 6.54 min Scan# 566
Delta R.T. 0.02 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 61 Resp:12715116
Ion Ratio Lower Upper
61 100
96 88.5 48.1 72.1#
98 69.9 30.7 46.1#

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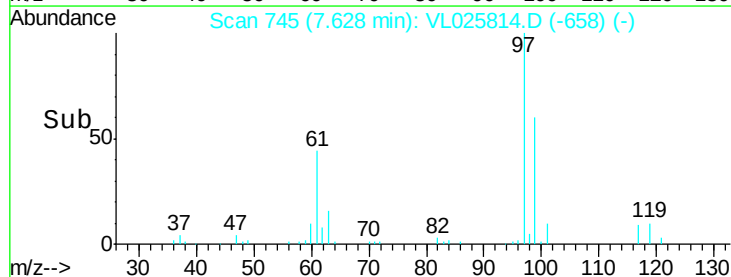
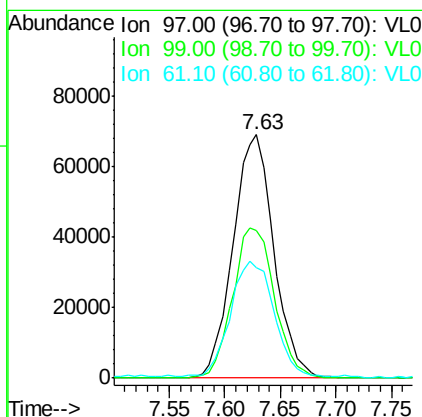
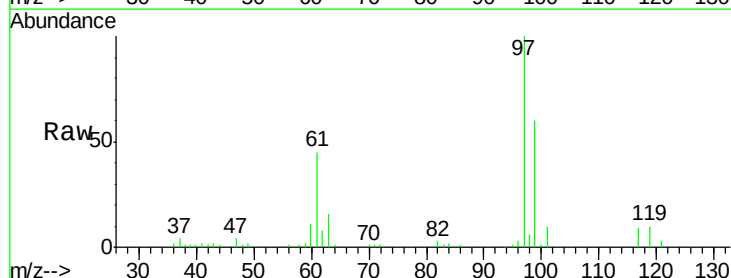
MMDadoda
8/4/2015 12:25:40 PM

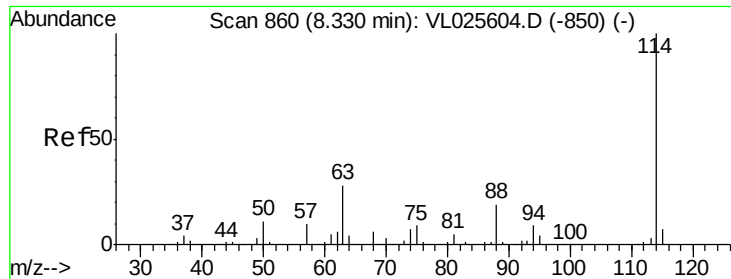


#32

1,1,1-Trichloroethane
Concen: 1.14 ppbv
RT: 7.63 min Scan# 745
Delta R.T. 0.03 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Tgt Ion: 97 Resp: 175810
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 54.3 40.4 60.6





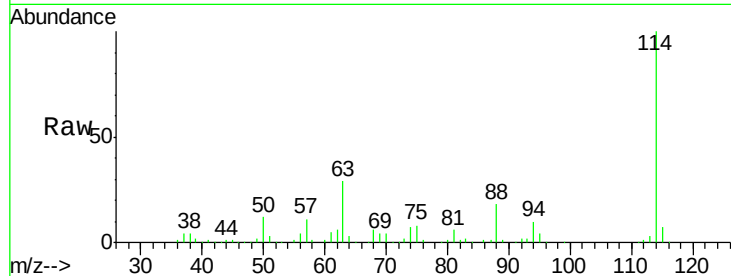
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.36 min Scan# 865
 Delta R.T. 0.03 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

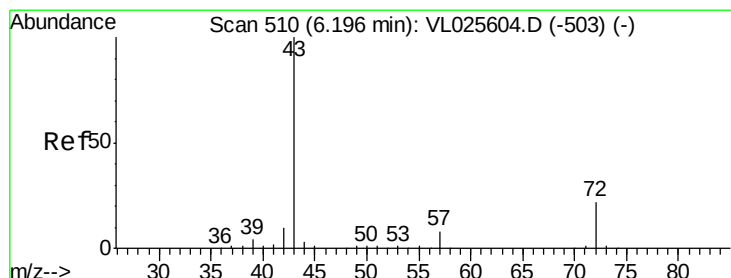
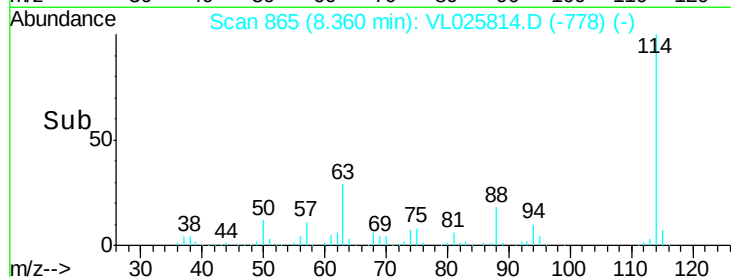
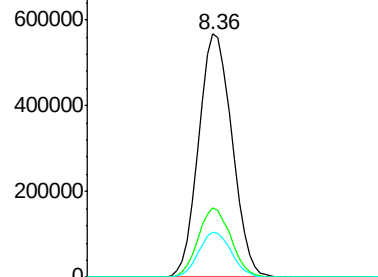
Tgt Ion: 114 Resp: 1538955
 Ion Ratio Lower Upper
 114 100
 63 28.0 22.4 33.6
 88 18.2 15.0 22.4

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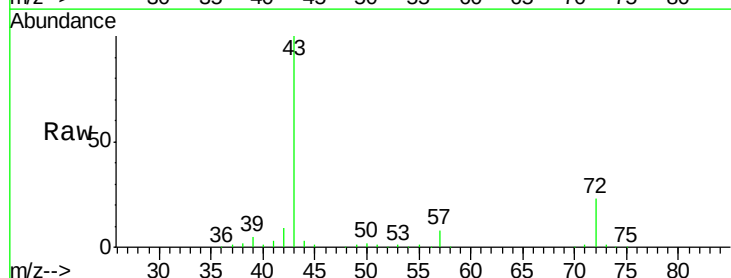


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

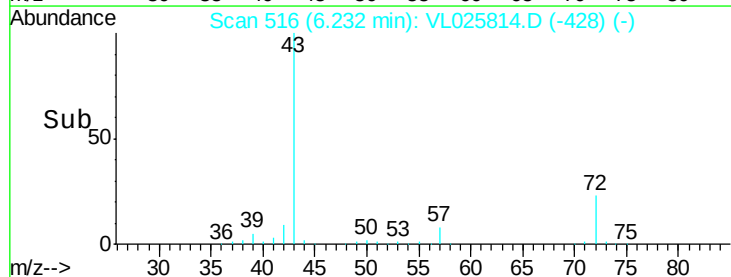
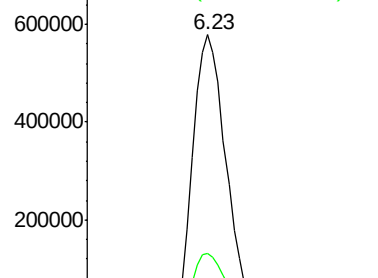


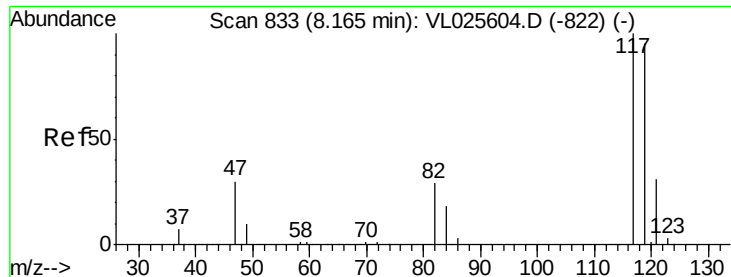
#34
 2-Butanone
 Concen: 18.13 ppbv
 RT: 6.23 min Scan# 516
 Delta R.T. 0.04 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Tgt Ion: 43 Resp: 1583405
 Ion Ratio Lower Upper
 43 100
 72 23.1 18.6 28.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.07 ppbv

RT: 8.20 min Scan# 838

Delta R.T. 0.03 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Instrument :

MSVOA_L

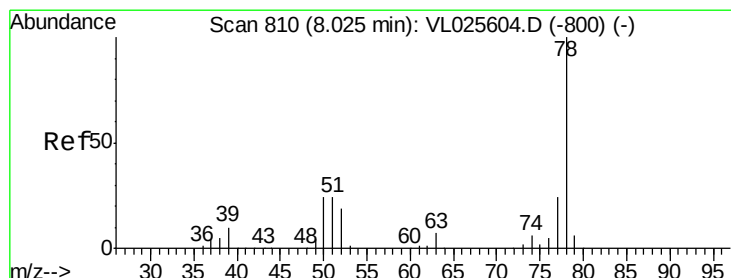
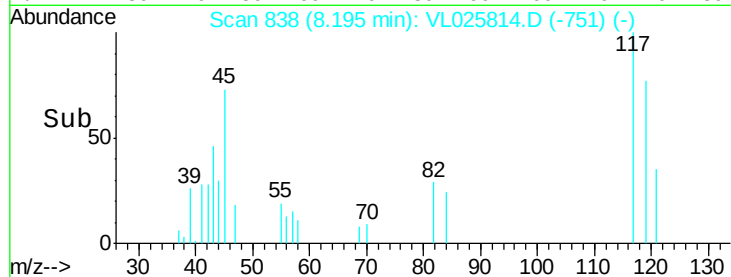
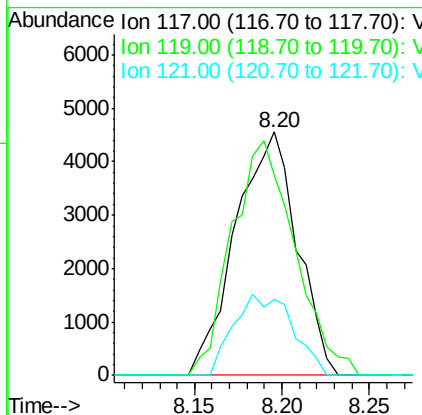
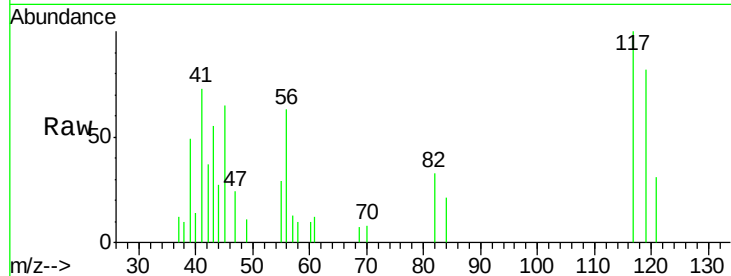
ClientSampleId :

INFLUENT

Tgt Ion:	117	Resp:	11199
Ion	Ratio	Lower	Upper
117	100		
119	82.3	75.9	113.9
121	31.0	24.4	36.6

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#36

Benzene

Concen: 0.24 ppbv

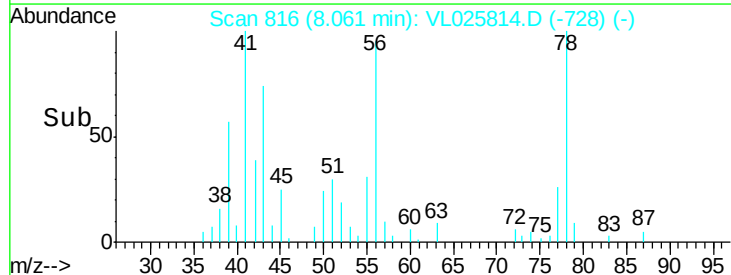
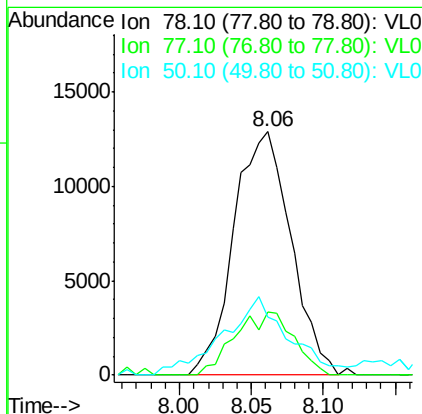
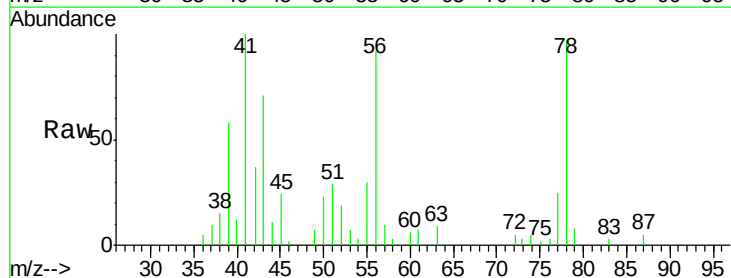
RT: 8.06 min Scan# 816

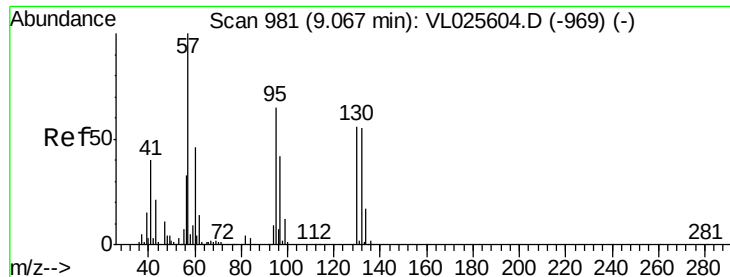
Delta R.T. 0.04 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Tgt Ion:	78	Resp:	35484
Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.0	28.4
50	20.0	19.2	28.8





#38

Trichloroethene

Concen: 283.17 ppbv

RT: 9.12 min Scan# 989

Delta R.T. 0.05 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tgt Ion:130 Resp:19405563

Ion Ratio Lower Upper

130 100

95 94.9 94.2 141.4

132 99.4 78.6 118.0

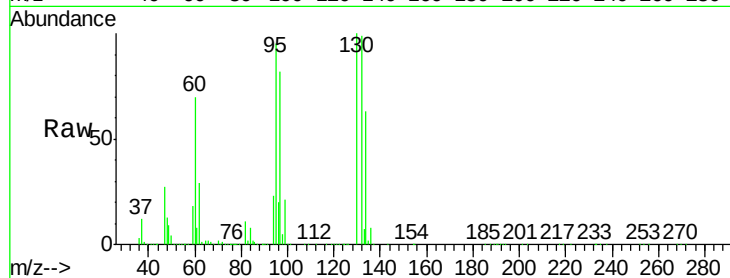
97 82.3 60.6 90.8

Manual Integrations

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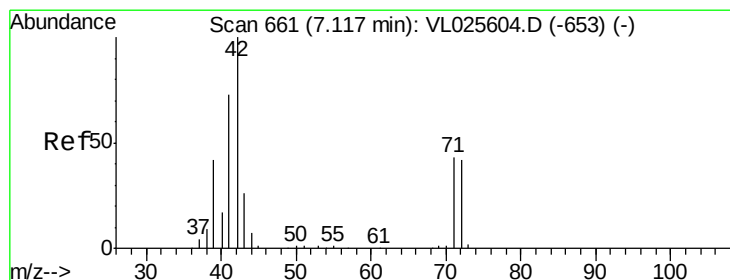
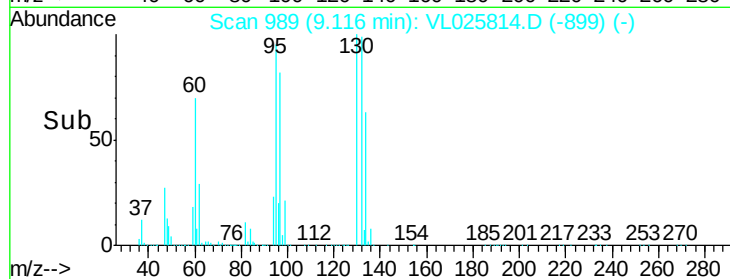
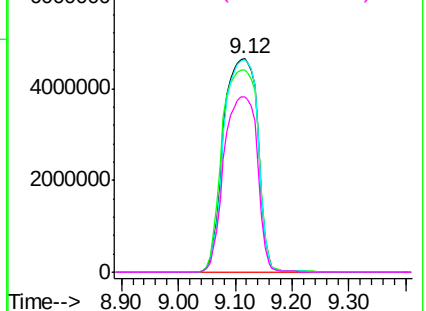


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#41

Tetrahydrofuran

Concen: 46.69 ppbv

RT: 7.15 min Scan# 666

Delta R.T. 0.03 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

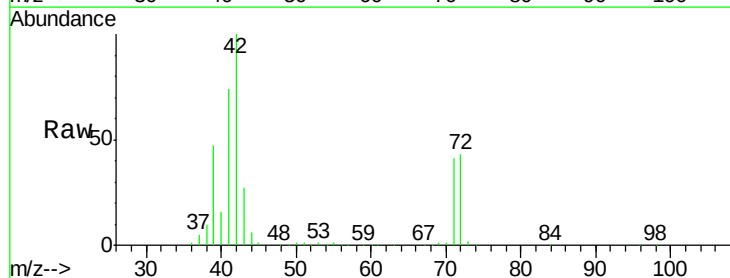
Tgt Ion: 42 Resp: 2035317

Ion Ratio Lower Upper

42 100

72 43.9 34.0 51.0

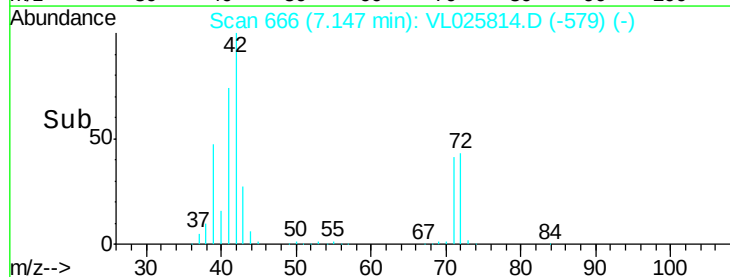
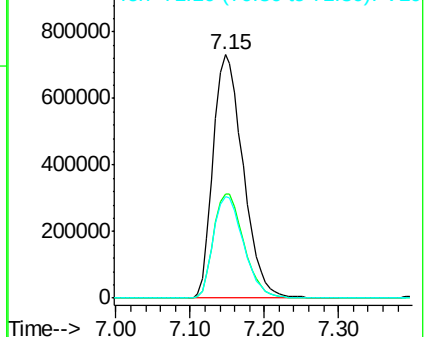
71 42.5 33.0 49.6

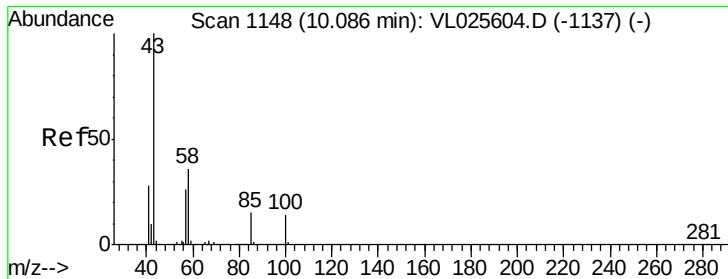


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





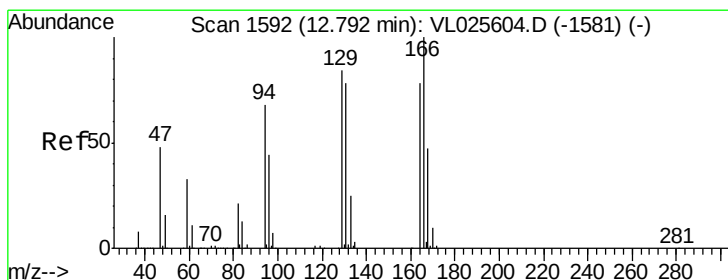
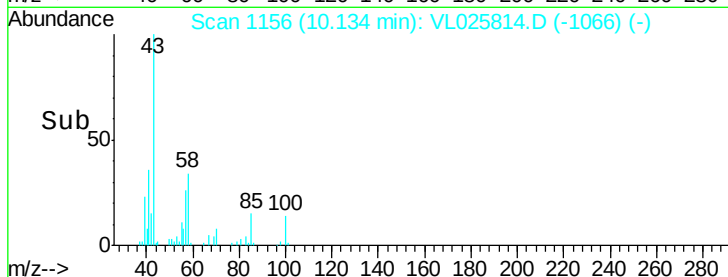
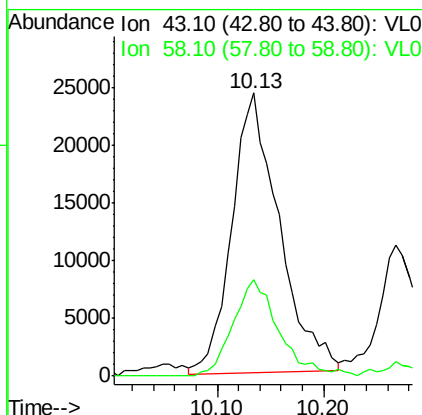
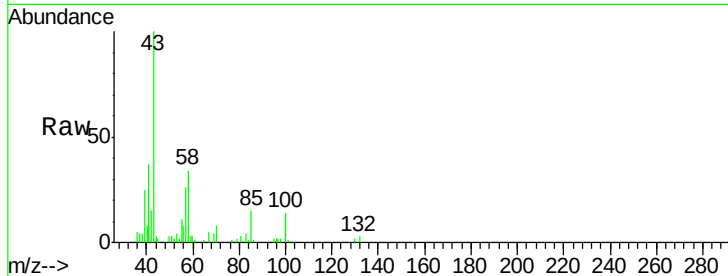
#50
4-Methyl-2-Pentanone
Concen: 0.60 ppbv
RT: 10.13 min Scan# 1156
Delta R.T. 0.05 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 43 Resp: 75491
Ion Ratio Lower Upper
43 100
58 33.4 28.5 42.7

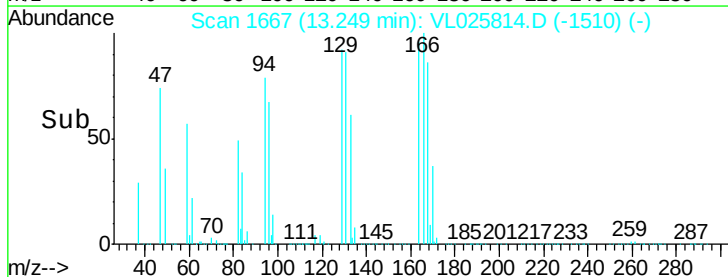
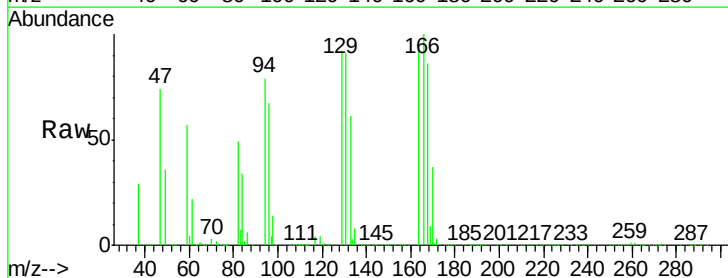
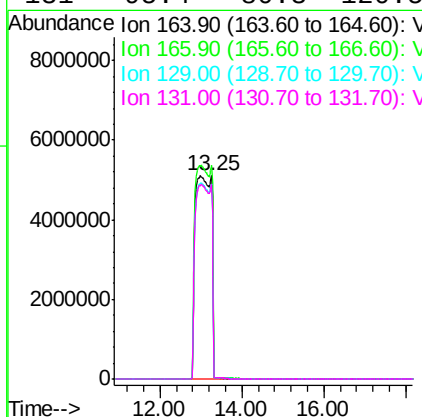
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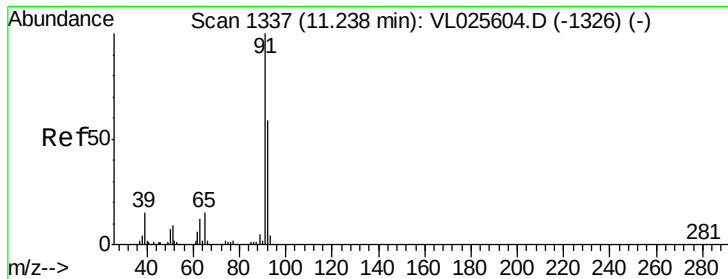
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#52
Tetrachloroethene
Concen: 1894.75 ppbv m
RT: 13.25 min Scan# 1667
Delta R.T. 0.46 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Tgt Ion: 164 Resp: 140065961
Ion Ratio Lower Upper
164 100
166 104.7 102.3 153.5
129 95.9 86.2 129.4
131 95.4 80.3 120.5





#53

Toluene

Concen: 5.11 ppbv m

RT: 11.28 min Scan# 1344

Delta R.T. 0.04 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tgt Ion: 91 Resp: 1059476

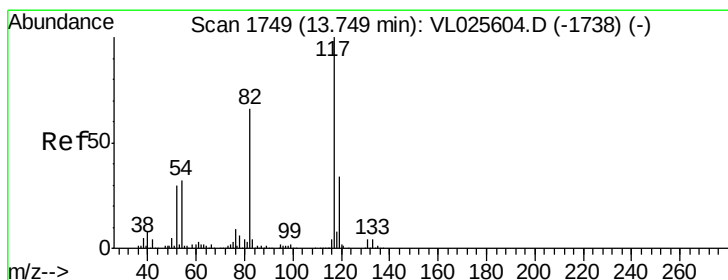
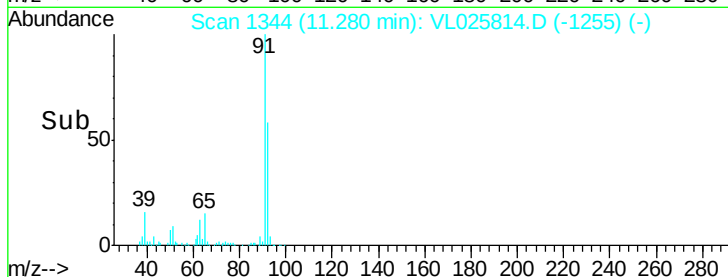
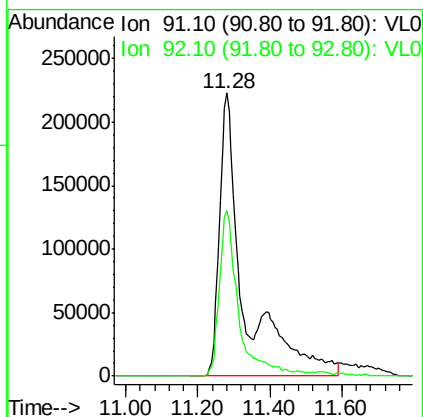
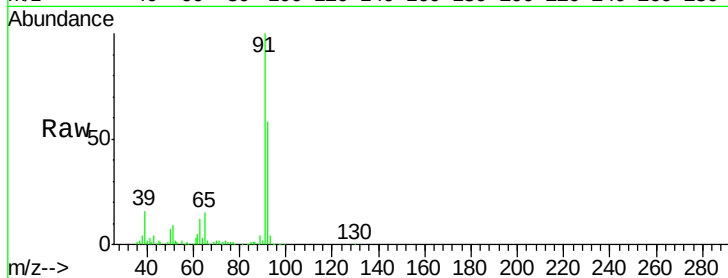
Ion Ratio Lower Upper

91 100

92 47.8 48.2 72.2#

Manual Integrations
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8/4/2015 12:25:40 PM



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.98 min Scan# 1787

Delta R.T. 0.23 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

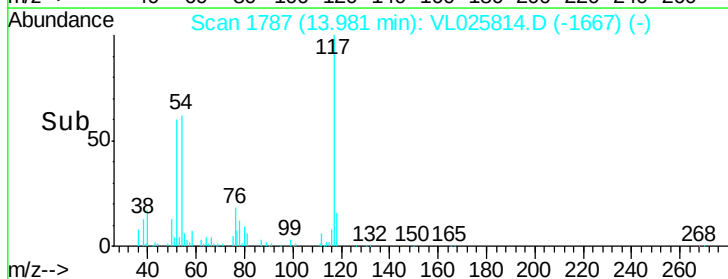
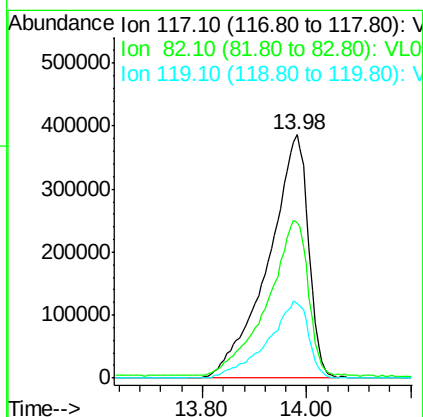
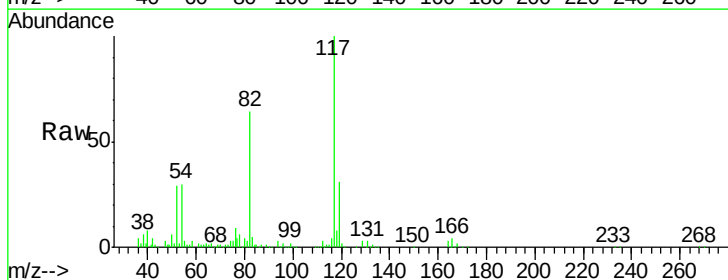
Tgt Ion: 117 Resp: 2069315

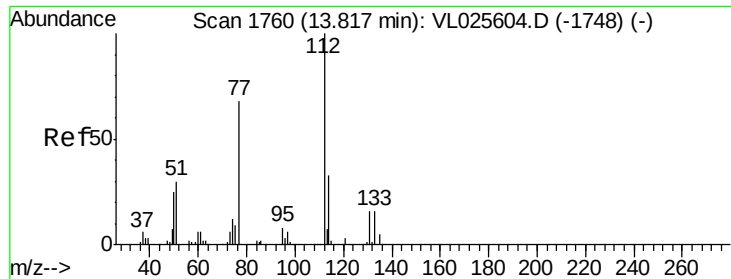
Ion Ratio Lower Upper

117 100

82 66.1 50.5 75.7

119 32.0 45.1 67.7#





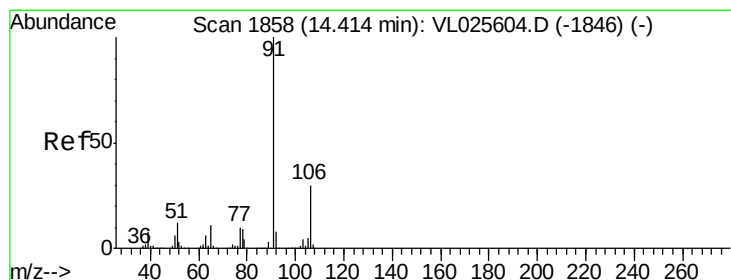
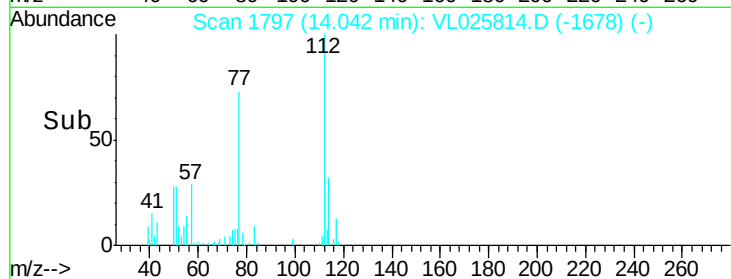
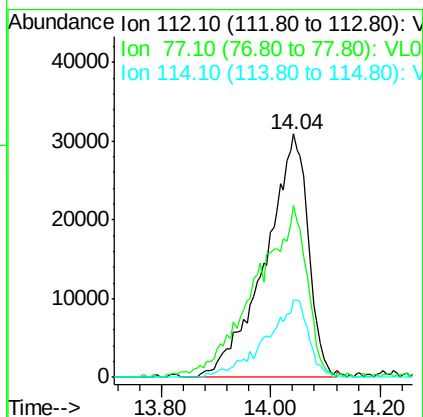
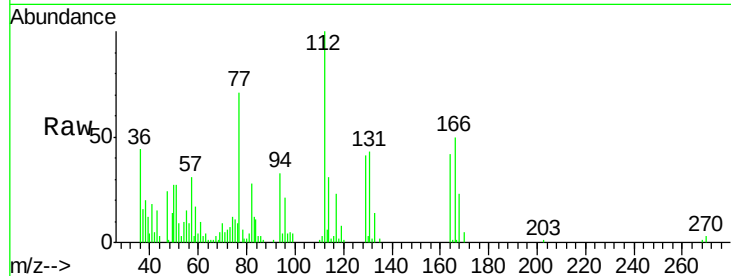
#57
Chlorobenzene
Concen: 0.77 ppbv m
RT: 14.04 min Scan# 1797
Delta R.T. 0.23 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	168624		
77	70.7	55.2	82.8	
114	31.5	29.4	36.0	

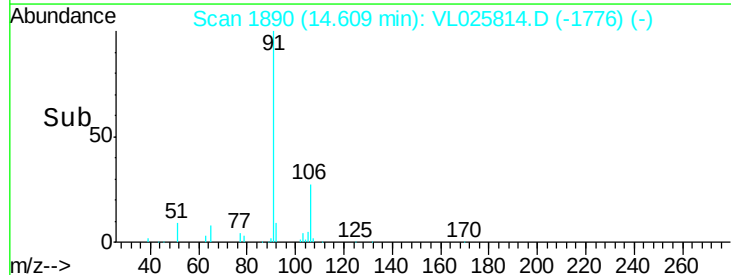
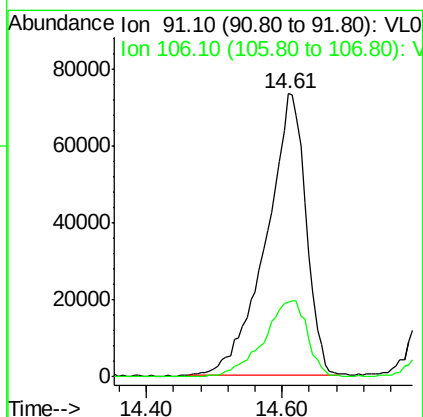
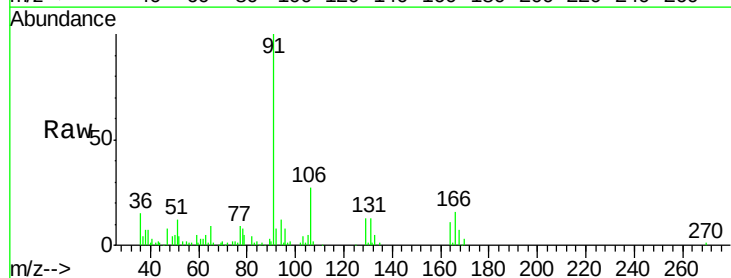
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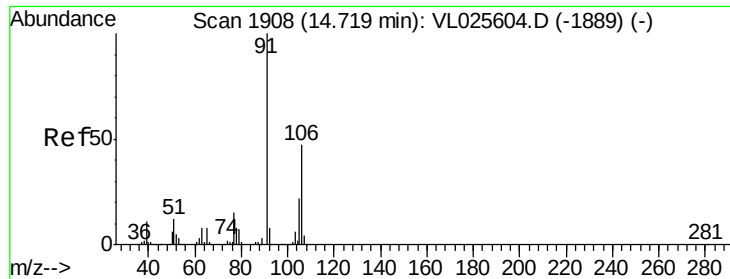
MMDadoda
8/4/2015 12:25:40 PM



#58
Ethyl Benzene
Concen: 0.87 ppbv
RT: 14.61 min Scan# 1890
Delta R.T. 0.19 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	298049		
106	26.7	24.2	36.2	





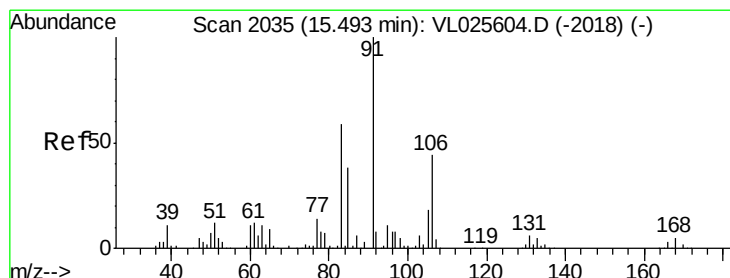
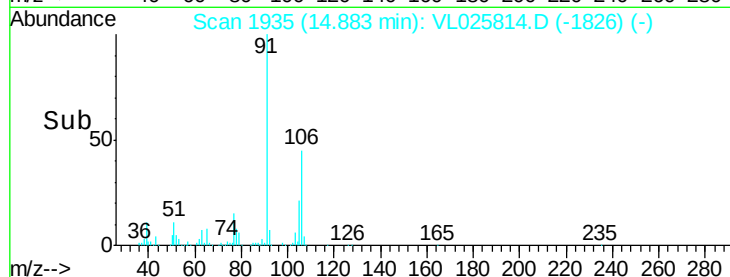
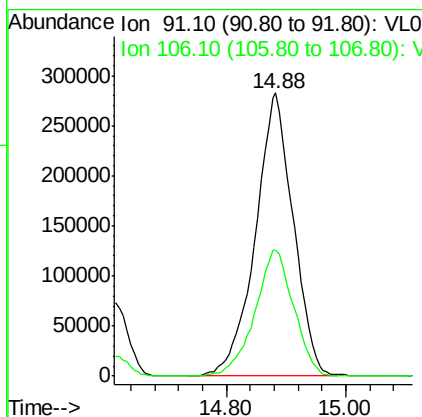
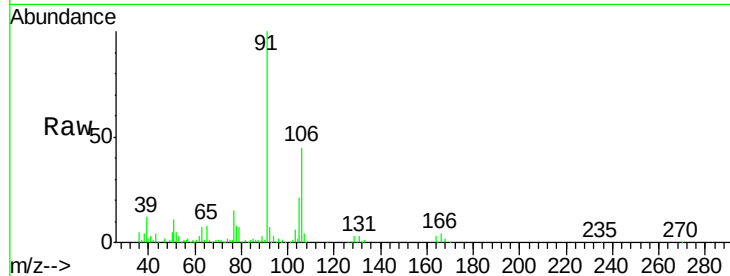
#59
m/p-Xylene
Concen: 4.11 ppbv
RT: 14.88 min Scan# 1935
Delta R.T. 0.16 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 91 Resp: 1233444
Ion Ratio Lower Upper
91 100
106 46.2 37.9 56.9

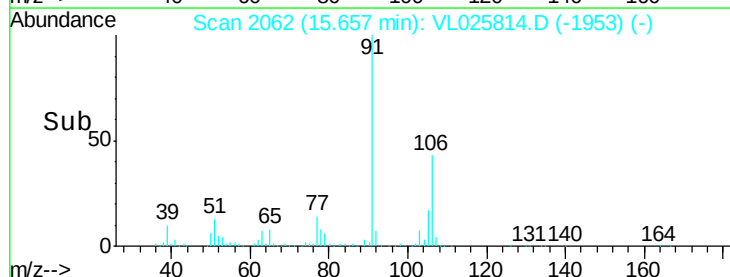
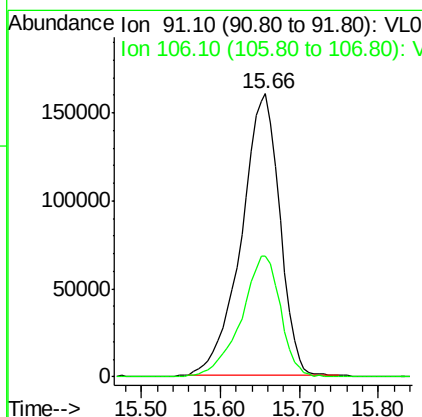
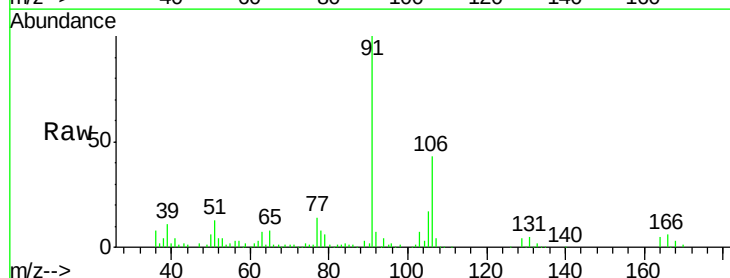
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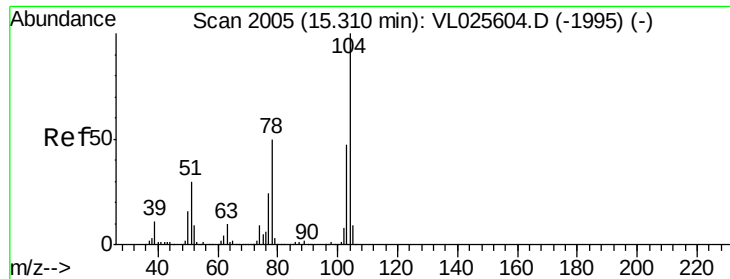
MMDadoda
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#60
o-Xylene
Concen: 1.68 ppbv
RT: 15.66 min Scan# 2062
Delta R.T. 0.16 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Tgt Ion: 91 Resp: 543070
Ion Ratio Lower Upper
91 100
106 43.9 22.1 66.1





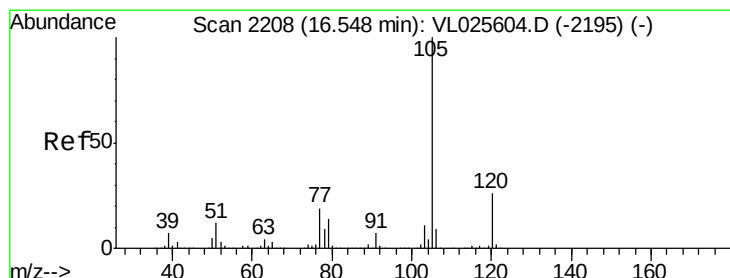
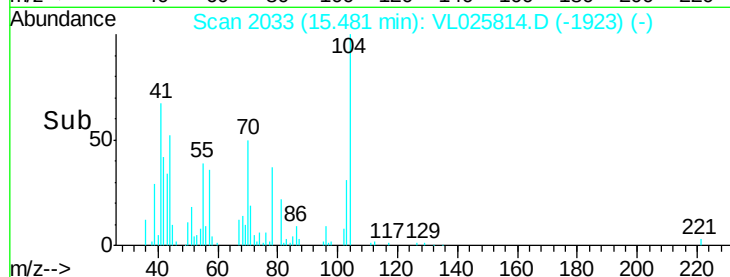
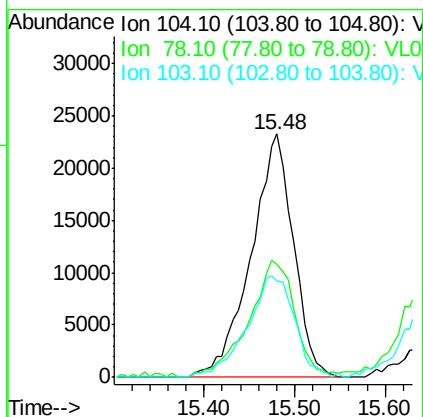
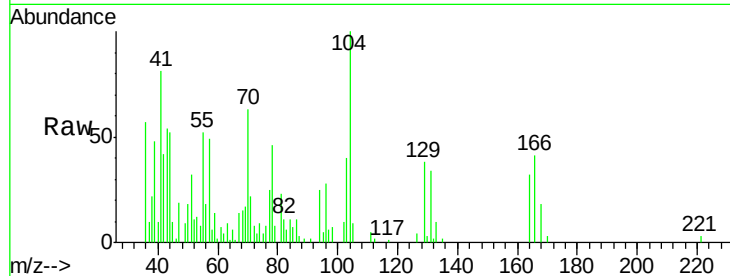
#61
 Styrene
 Concen: 0.66 ppbv
 RT: 15.48 min Scan# 2033
 Delta R.T. 0.17 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.6	40.2	60.4
103	46.9	37.4	56.2

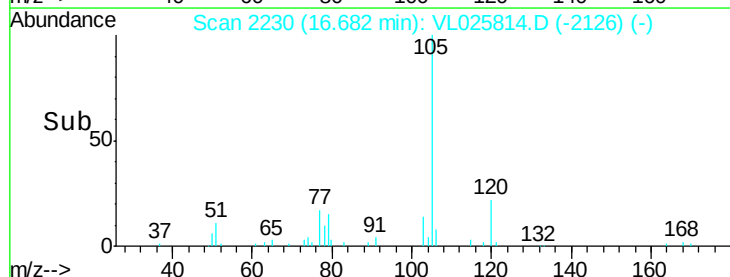
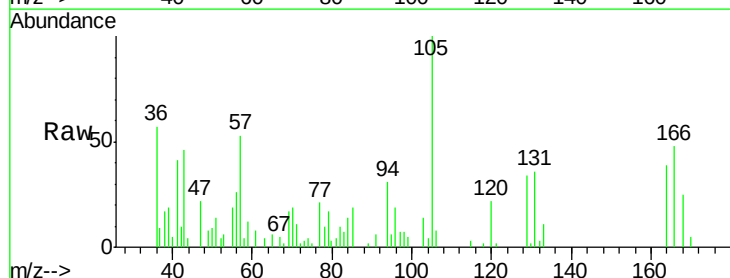
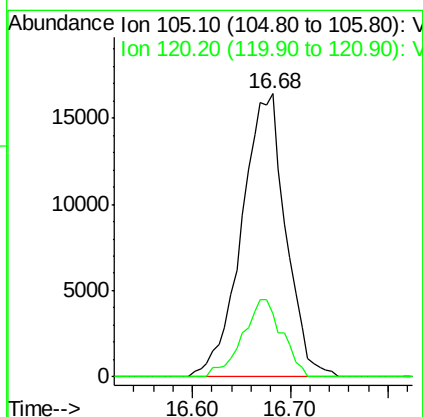
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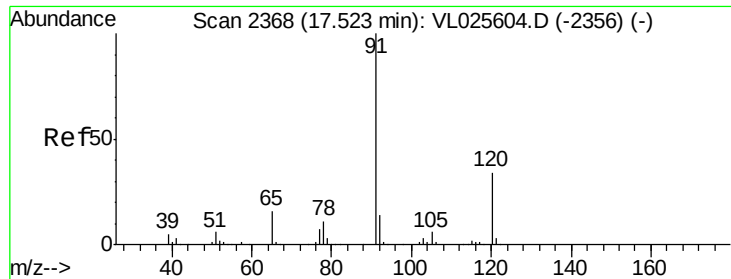
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#62
 Isopropylbenzene
 Concen: 0.12 ppbv
 RT: 16.68 min Scan# 2230
 Delta R.T. 0.13 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.6	31.0





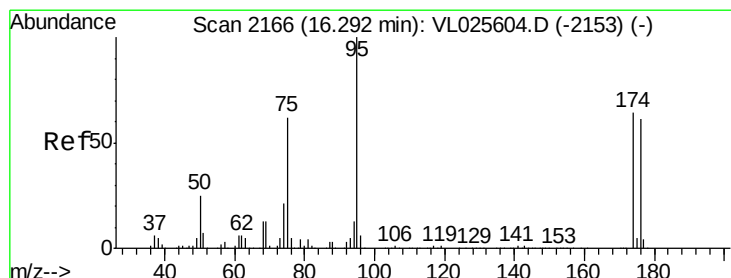
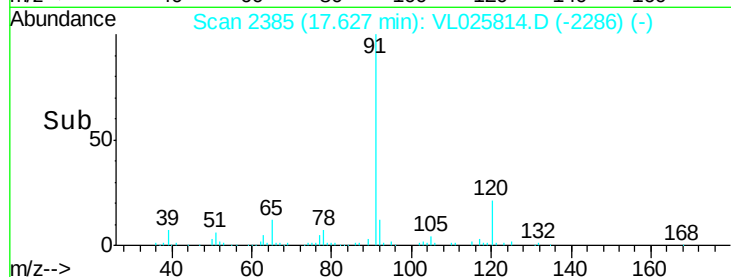
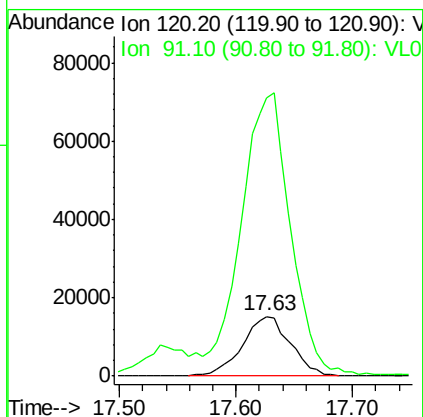
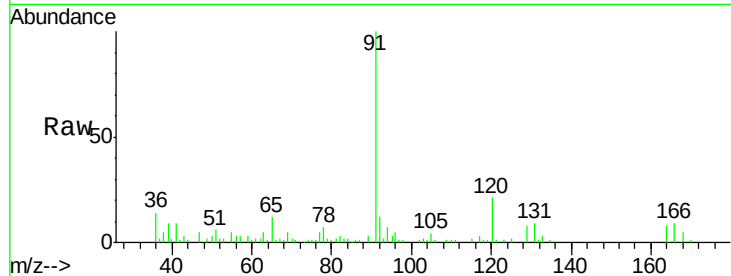
#64
n-propylbenzene
Concen: 0.38 ppbv
RT: 17.63 min Scan# 2385
Delta R.T. 0.10 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 120 Resp: 43338
Ion Ratio Lower Upper
120 100
91 536.5 370.5 555.7

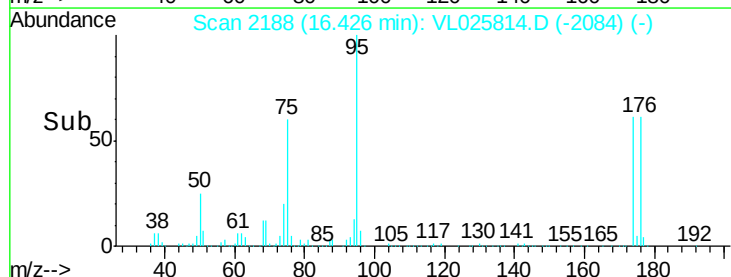
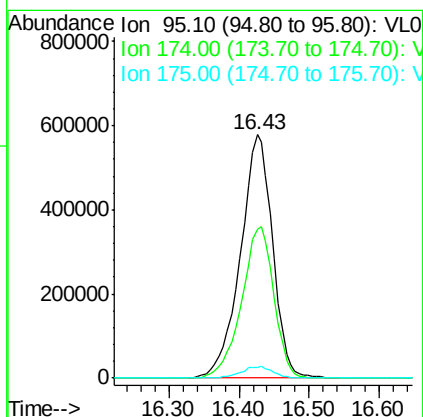
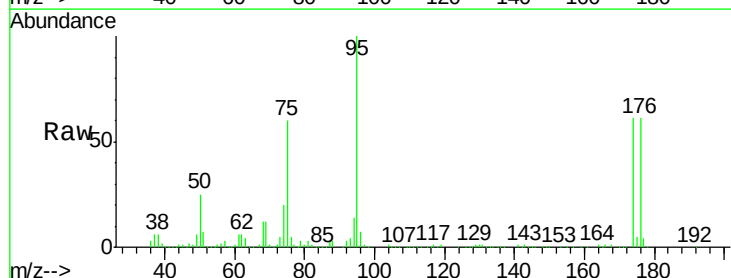
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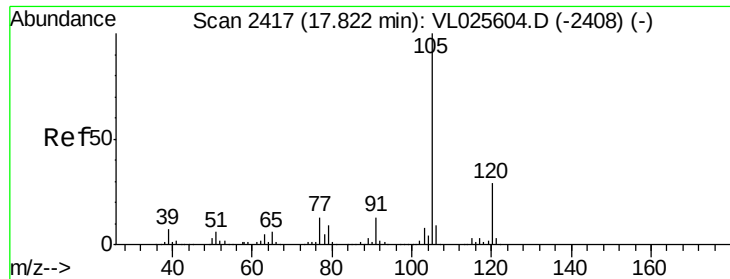
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.46 ppbv
RT: 16.43 min Scan# 2188
Delta R.T. 0.13 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Tgt Ion: 95 Resp: 1826560
Ion Ratio Lower Upper
95 100
174 63.0 52.0 78.0
175 4.9 3.9 5.9





#72

4-Ethyltoluene

Concen: 0.98 ppbv m

RT: 17.92 min Scan# 2433

Delta R.T. 0.10 min

Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Instrument :

MSVOA_L

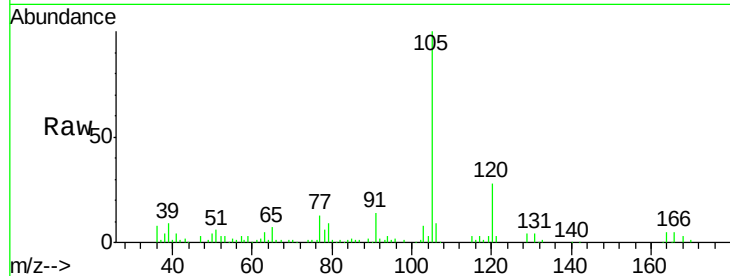
ClientSampleId :

INFLUENT

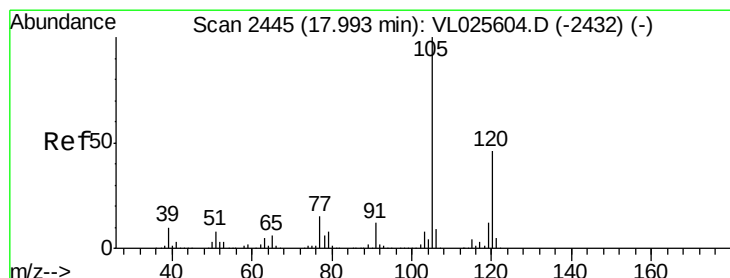
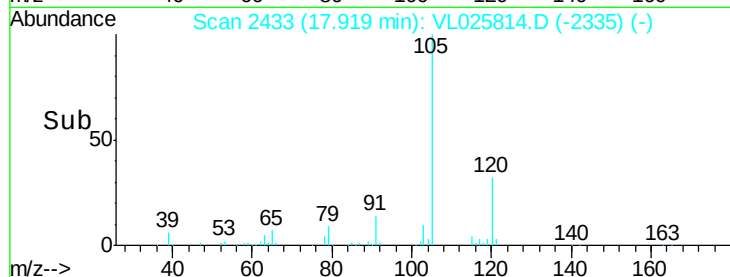
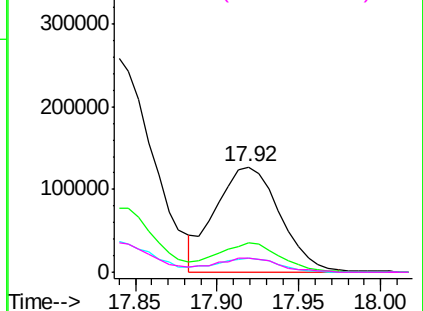
Tgt Ion:	105	Resp:	348737
Ion Ratio	Lower	Upper	
105	100		
120	42.9	23.9	35.9#
91	13.0	10.3	15.5
77	14.8	10.9	16.3

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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: 0.92 ppbv m

RT: 18.08 min Scan# 2460

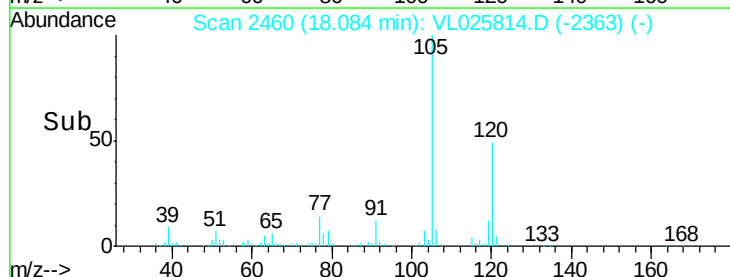
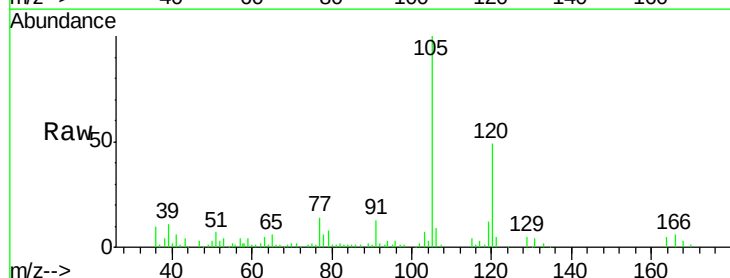
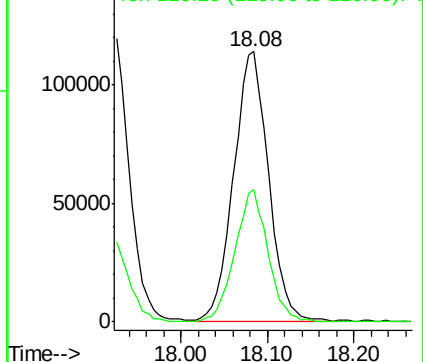
Delta R.T. 0.09 min

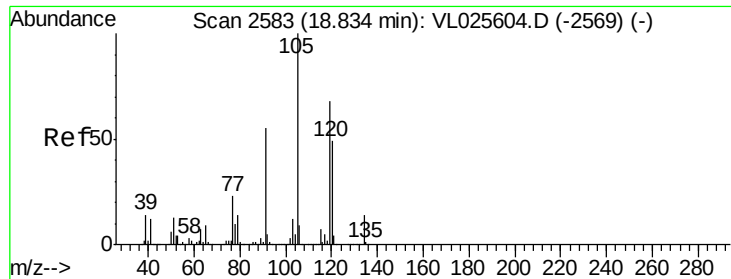
Lab File: VL025814.D

Acq: 31 Jul 2015 15:48

Tgt Ion:	105	Resp:	322997
Ion Ratio	Lower	Upper	
105	100		
120	48.9	37.0	55.4

Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





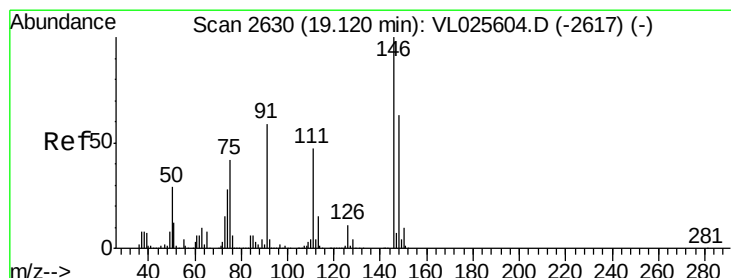
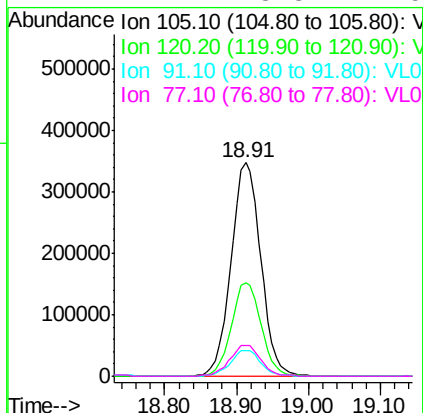
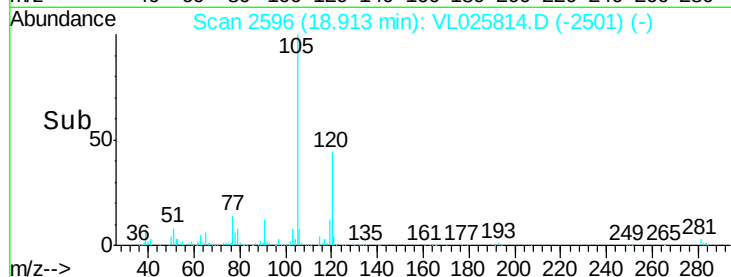
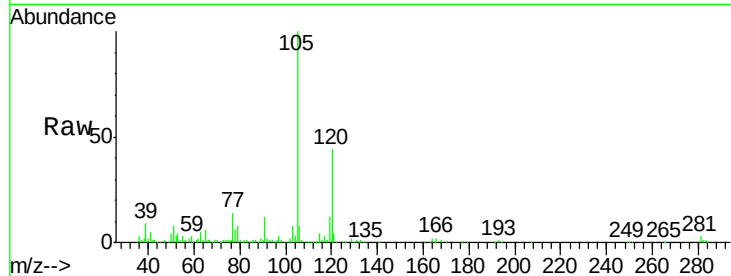
#74
 1,2,4-Trimethylbenzene
 Concen: 2.53 ppbv
 RT: 18.91 min Scan# 2596
 Delta R.T. 0.08 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
120	43.6	39.3	58.9
91	12.2	43.8	65.6#
77	14.1	18.3	27.5#

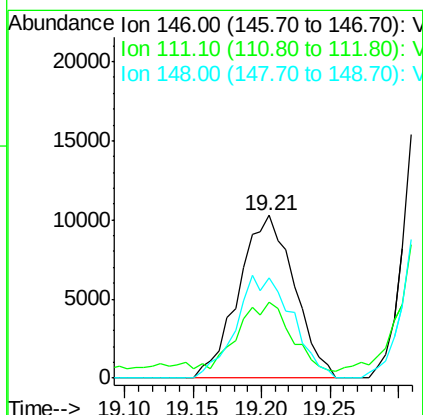
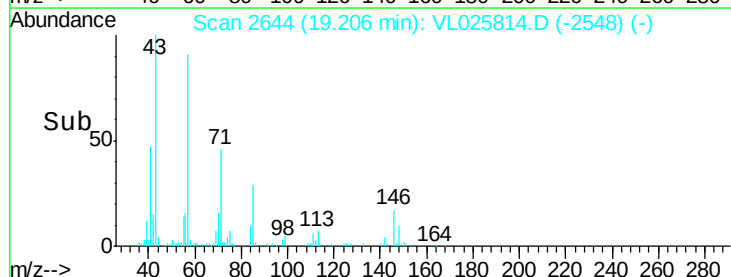
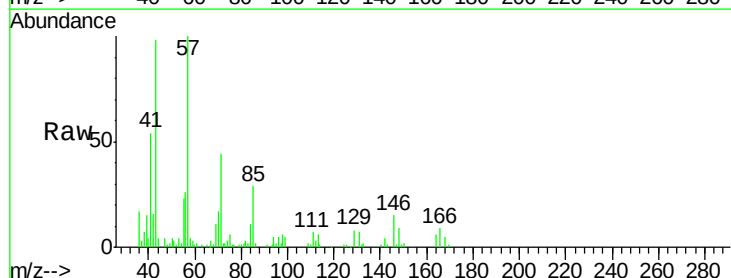
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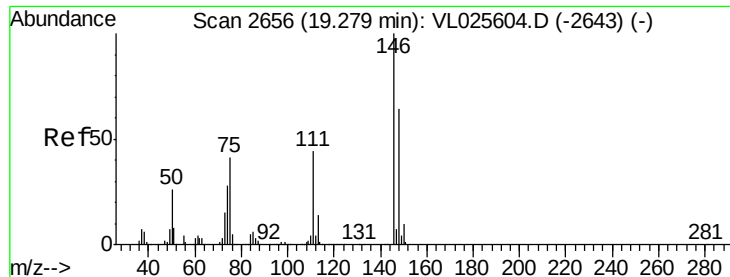
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#75
 1,3-Dichlorobenzene
 Concen: 0.11 ppbv m
 RT: 19.21 min Scan# 2644
 Delta R.T. 0.09 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	839.3	22.7	68.1#
148	1187.4	31.8	95.3#





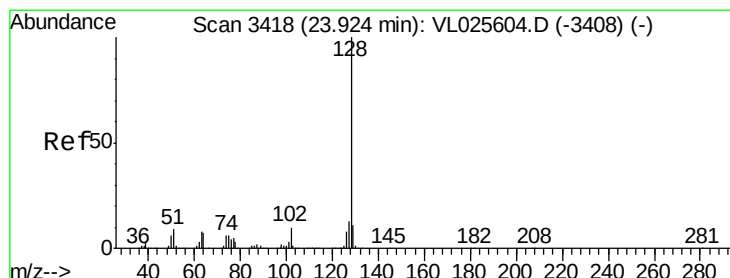
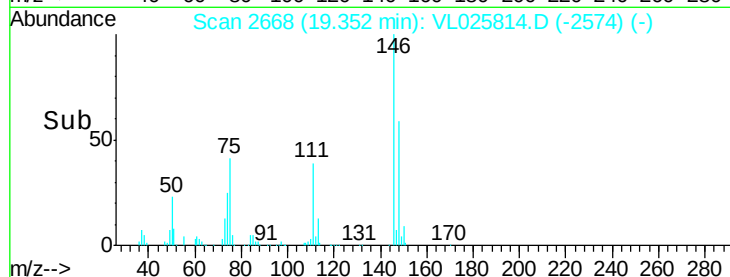
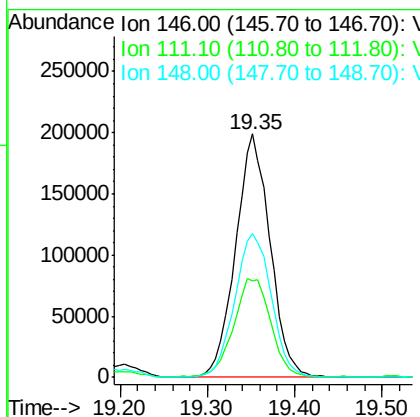
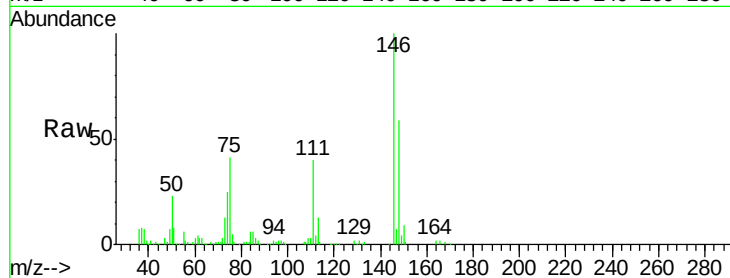
#76
1,4-Dichlorobenzene
Concen: 2.13 ppbv
RT: 19.35 min Scan# 2668
Delta R.T. 0.07 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Instrument :
MSVOA_L
ClientSampled :
INFLUENT

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	546935		
111	43.1	22.1	66.1	
148	62.5	31.9	95.9	

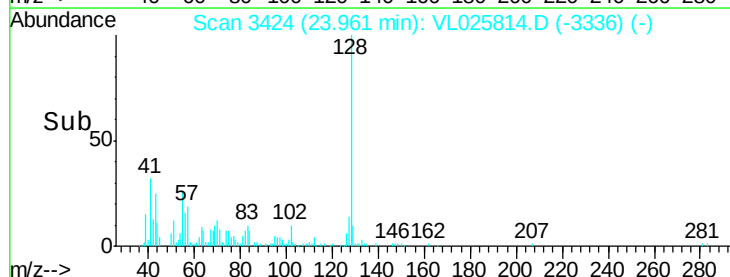
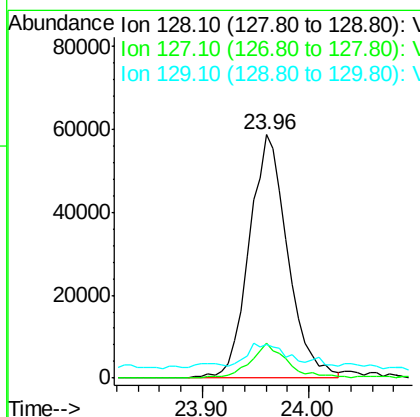
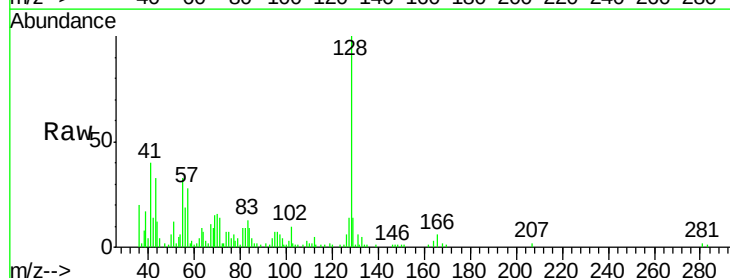
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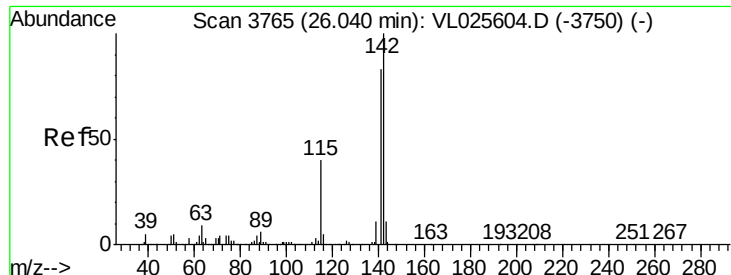
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#79
Naphthalene
Concen: 0.39 ppbv
RT: 23.96 min Scan# 3424
Delta R.T. 0.04 min
Lab File: VL025814.D
Acq: 31 Jul 2015 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	148553		
127	14.8	10.8	16.2	
129	9.7	9.0	13.4	





#80
 Naphthalene, 2-methyl-
 Concen: 0.33 ppbv m
 RT: 26.06 min Scan# 3769
 Delta R.T. 0.02 min
 Lab File: VL025814.D
 Acq: 31 Jul 2015 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	35.8	67.1	100.7#
115	26.8	33.9	50.9#

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