

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
 Data File : VL025626.D
 Acq On : 8 Jul 2015 3:15
 Operator : SY/MD
 Sample : G2872-03DL 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-070115DL

Quant Time: Jul 08 06:58:22 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 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	6.65	49	598485	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	1567521	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.75	117	2015094	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.29	95	1673552	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.65	85	456	0.00	ppbv	# 42
3) Chlorodifluoromethane	3.57	51	778	0.01	ppbv	# 51
8) Dichlorotetrafluoroethane	3.65	85	456	0.00	ppbv	# 17
9) Propene	3.62	41	1551	0.06	ppbv	# 84
10) Heptane	9.35	43	649	0.01	ppbv	# 53
15) Acetone	4.60	43	989	0.01	ppbv	# 54
16) 1,3-Butadiene	3.98	39	139	0.00	ppbv	# 12
17) tert-Butyl alcohol	5.20	59	2323	0.03	ppbv	# 69
18) 1,1-Dichloroethene	5.09	96	245	0.01	ppbv	# 1
20) Methylene Chloride	5.15	84	2506	0.06	ppbv	# 55
21) Allyl Chloride	5.23	41	290	0.00	ppbv	# 6
23) Vinyl Acetate	6.01	43	2460	0.02	ppbv	# 74
24) 1,1-Dichloroethane	5.91	63	2654	0.02	ppbv	# 87
25) Ethyl Acetate	6.67	43	302	0.00	ppbv	# 1
26) Hexane	6.67	57	925	0.01	ppbv	# 20
27) Carbon Disulfide	5.40	76	792	0.01	ppbv	# 1
30) Cyclohexane	8.31	84	2754	0.04	ppbv	# 9
31) cis-1,2-Dichloroethene	6.52	61	7390	0.10	ppbv	# 98
34) 2-Butanone	6.18	43	124	0.00	ppbv	# 52
36) Benzene	8.02	78	587	0.00	ppbv	# 52
38) Trichloroethene	9.07	130	1302866	18.67	ppbv	# 98
39) 1,2-Dichloropropane	9.06	63	7921	0.14	ppbv	# 1
42) Bromodichloromethane	9.07	83	20417	0.13	ppbv	# 100
44) 2,2,4-Trimethylpentane	9.09	57	242	0.00	ppbv	# 1
51) 2-Hexanone	11.49	43	432	0.00	ppbv	# 29
52) Tetrachloroethene	12.80	164	739293	9.82	ppbv	# 97
53) Toluene	11.24	91	1718	0.01	ppbv	# 94
57) Chlorobenzene	13.76	112	111	0.00	ppbv	# 1
58) Ethyl Benzene	14.41	91	1126	0.00	ppbv	# 44
59) m/p-Xylene	14.70	91	942	0.00	ppbv	# 90
60) o-Xylene	15.49	91	1656	0.01	ppbv	# 32
62) Isopropylbenzene	16.31	105	529	0.00	ppbv	# 49
63) 1,1,2,2-Tetrachloroethane	15.38	83	152	0.00	ppbv	# 25
65) tert-Butylbenzene	18.92	119	43503	0.11	ppbv	# 30
66) Benzyl Chloride	18.93	91	333	0.00	ppbv	# 65
67) sec-Butylbenzene	19.74	105	125	0.00	ppbv	# 57
72) 4-Ethyltoluene	17.82	105	604	0.00	ppbv	# 55
73) 1,3,5-Trimethylbenzene	17.99	105	436	0.00	ppbv	# 58
74) 1,2,4-Trimethylbenzene	18.84	105	3043	0.01	ppbv	# 69
75) 1,3-Dichlorobenzene	18.93	146	531	0.00	ppbv	# 24
76) 1,4-Dichlorobenzene	18.93	146	531	0.00	ppbv	# 24

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DIN46-INFLUENT-070115DL

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Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

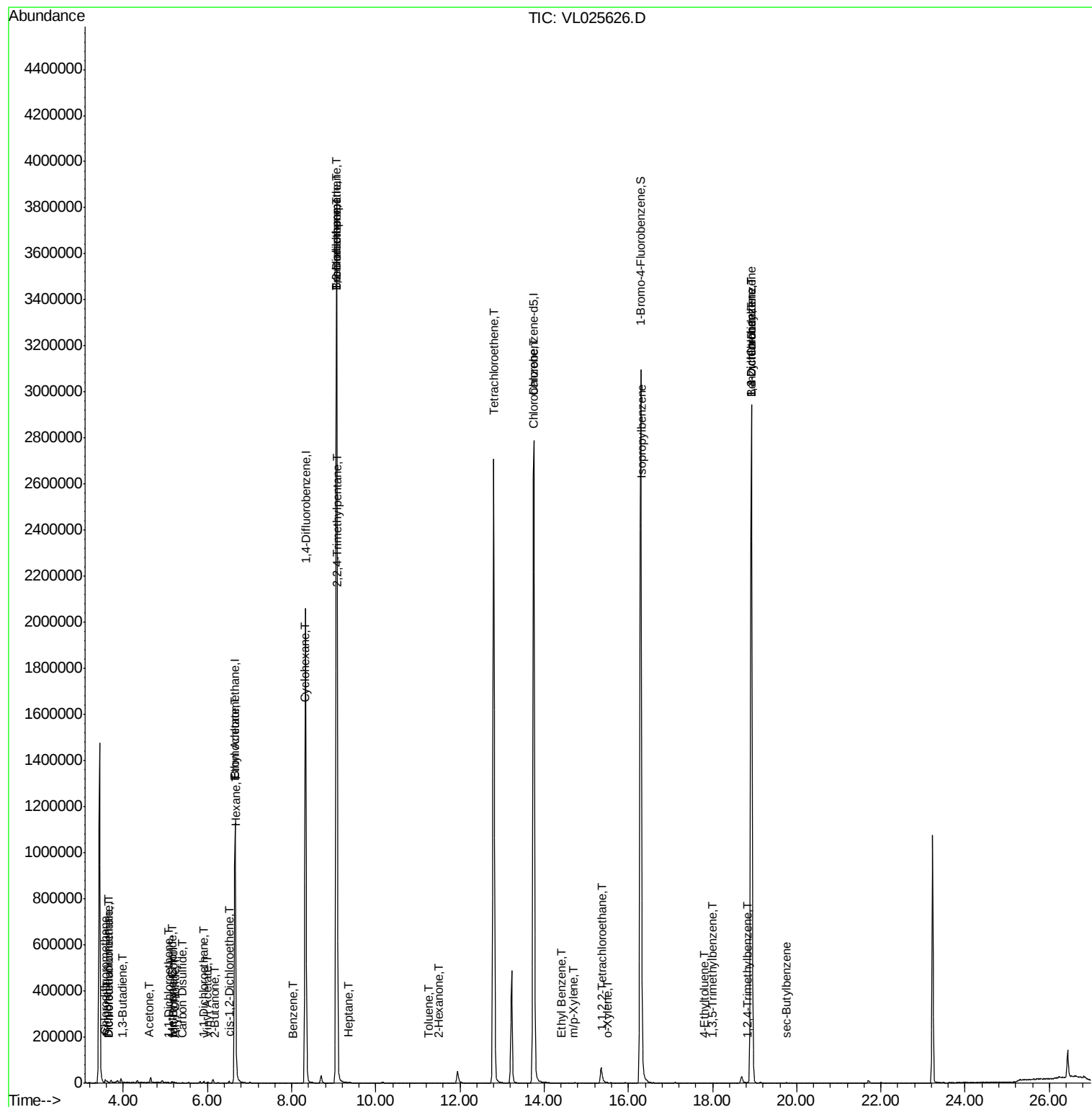
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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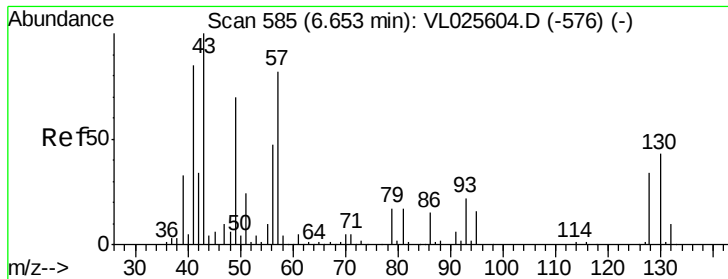
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 02:22:55 2015
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. -0.00 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL

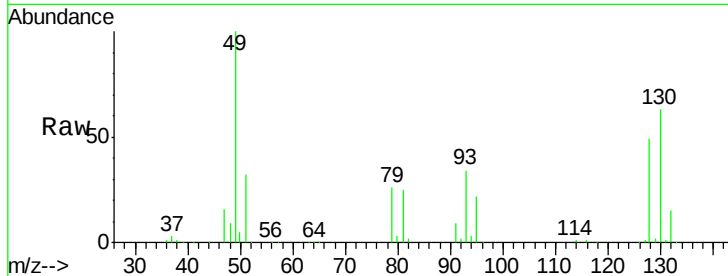
Tgt Ion: 49 Resp: 598485

Ion Ratio Lower Upper

49 100

128 51.9 25.4 76.0

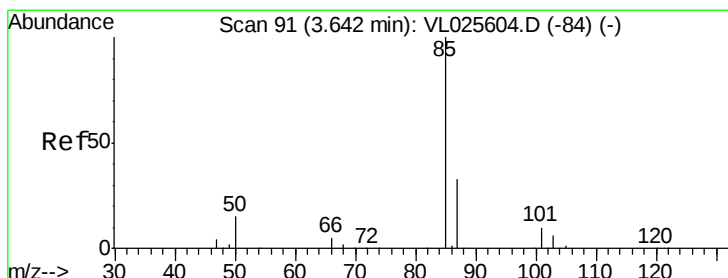
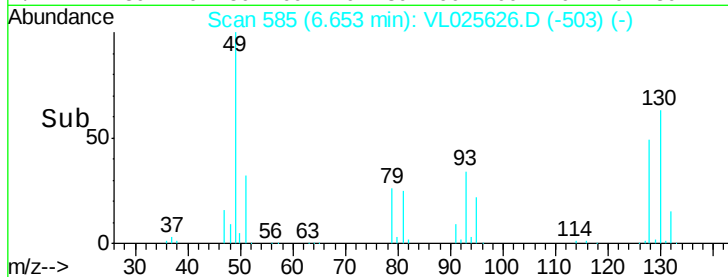
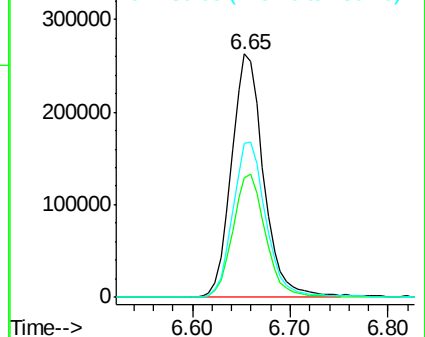
130 66.5 31.9 95.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.00 ppbv

RT: 3.65 min Scan# 92

Delta R.T. 0.01 min

Lab File: VL025626.D

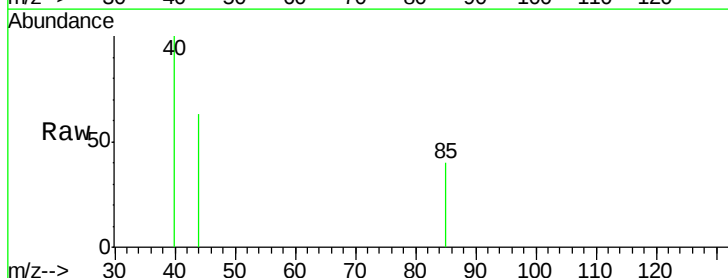
Acq: 8 Jul 2015 3:15

Tgt Ion: 85 Resp: 456

Ion Ratio Lower Upper

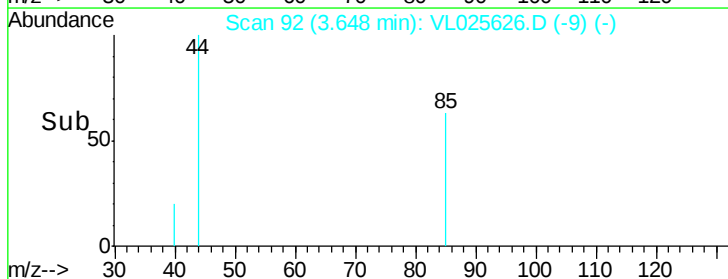
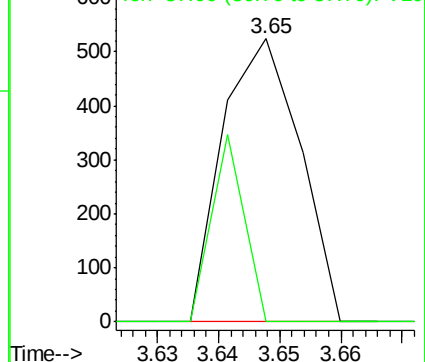
85 100

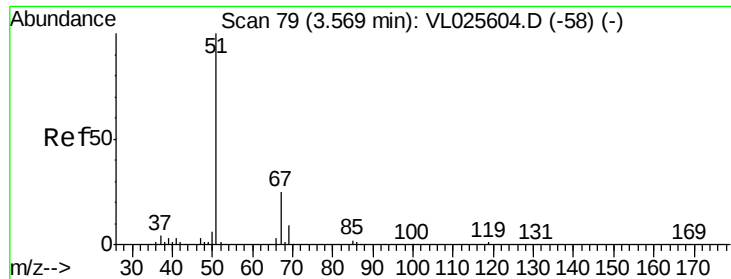
87 0.0 26.5 39.7#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

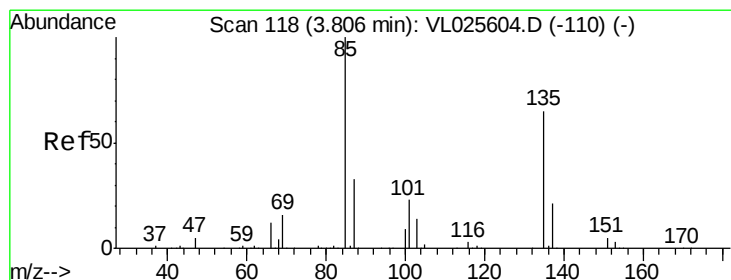
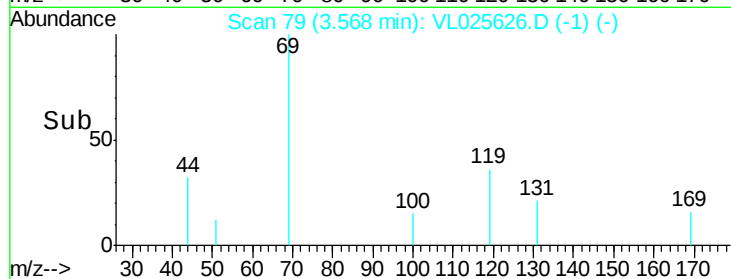
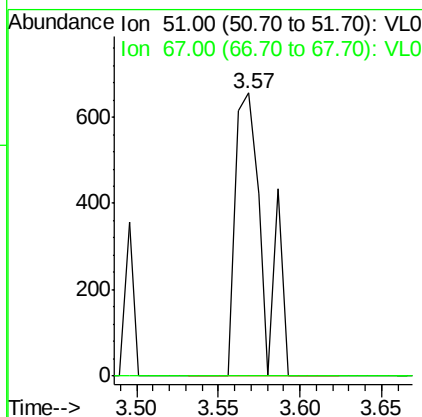
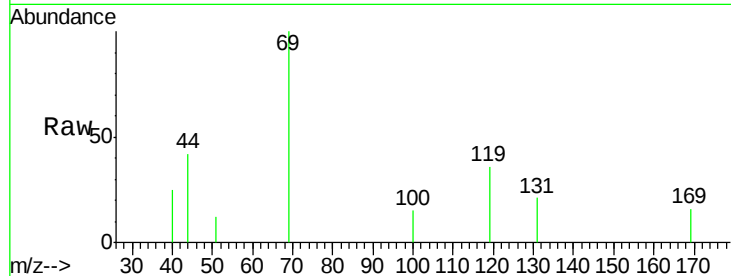




#3
 Chlorodifluoromethane
 Concen: 0.01 ppbv
 RT: 3.57 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: VL025626.D
 Acq: 8 Jul 2015 3:15

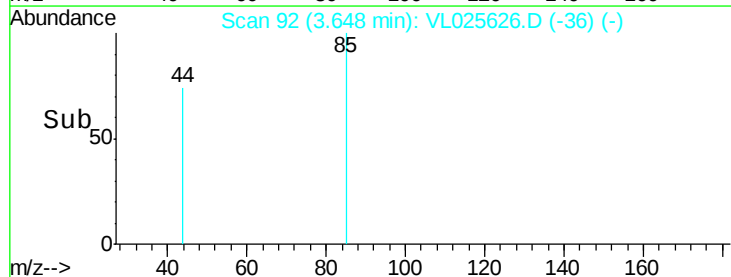
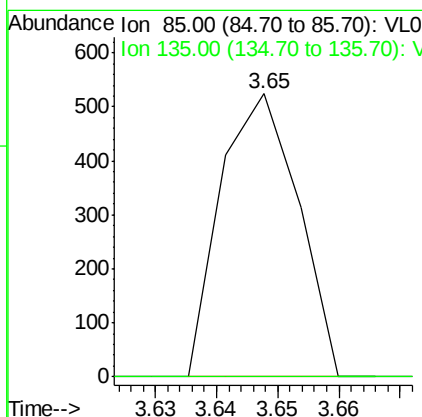
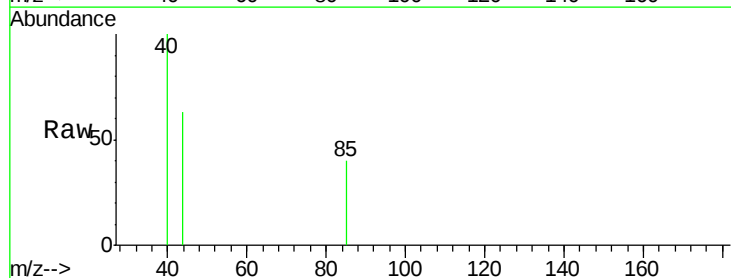
Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-070115DL

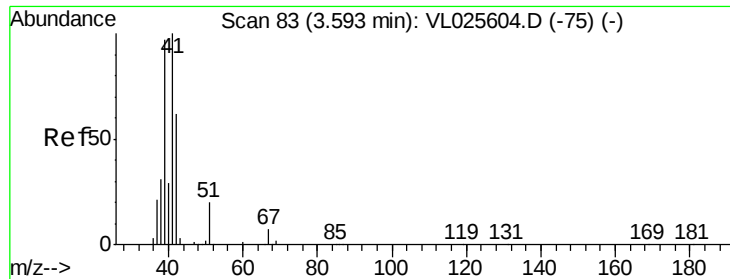
Tgt Ion: 51 Resp: 778
 Ion Ratio Lower Upper
 51 100
 67 0.0 19.5 29.3#



#8
 Dichlorotetrafluoroethane
 Concen: 0.00 ppbv
 RT: 3.65 min Scan# 92
 Delta R.T. -0.16 min
 Lab File: VL025626.D
 Acq: 8 Jul 2015 3:15

Tgt Ion: 85 Resp: 456
 Ion Ratio Lower Upper
 85 100
 135 0.0 52.2 78.4#





#9

Propene

Concen: 0.06 ppbv

RT: 3.62 min Scan# 87

Delta R.T. 0.02 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

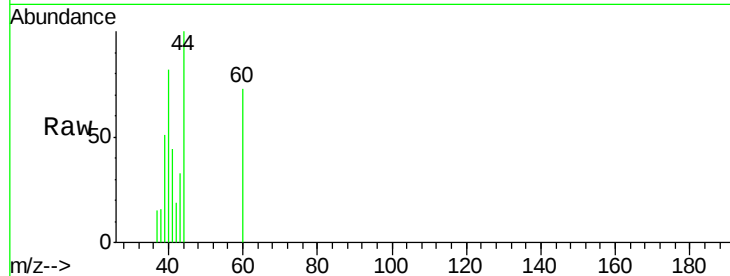
DIN46-INFLUENT-070115DL

Tgt Ion: 41 Resp: 1551

Ion Ratio Lower Upper

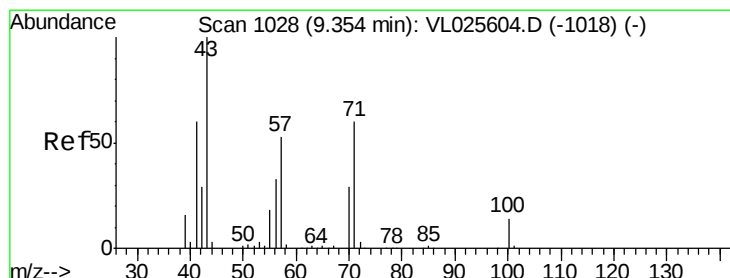
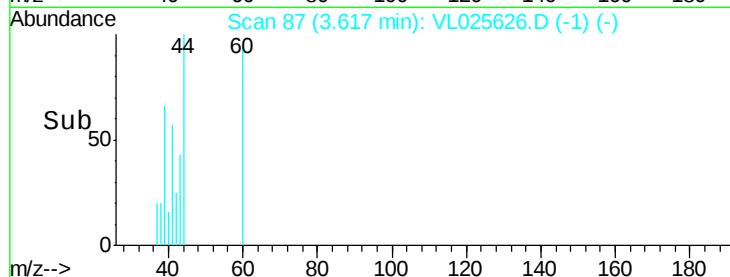
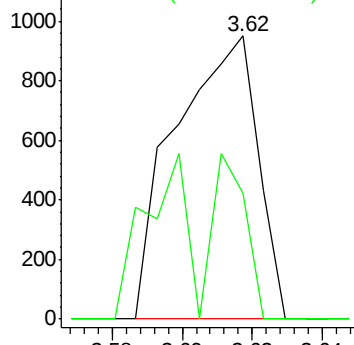
41 100

42 52.9 52.4 78.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.01 ppbv

RT: 9.35 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VL025626.D

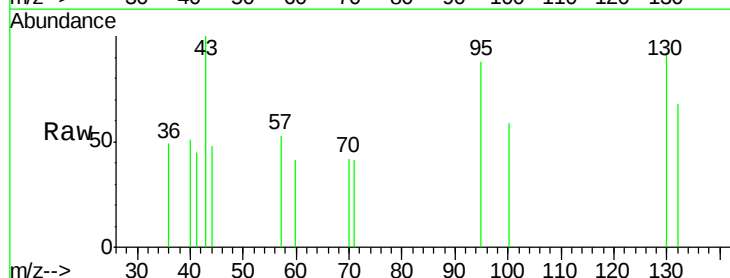
Acq: 8 Jul 2015 3:15

Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

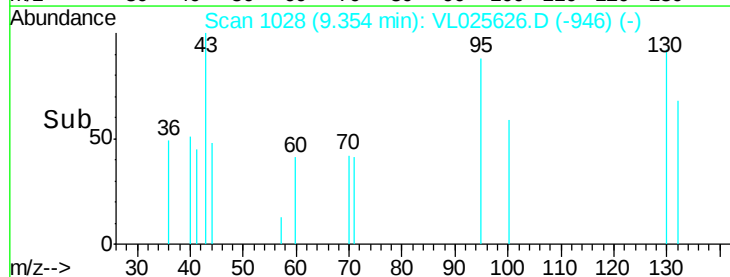
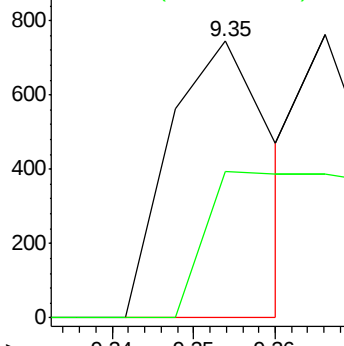
43 100

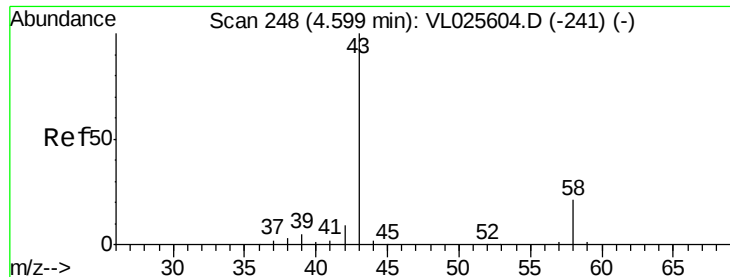
57 86.7 42.6 64.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#15

Acetone

Concen: 0.01 ppbv

RT: 4.60 min Scan# 249

Delta R.T. 0.01 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

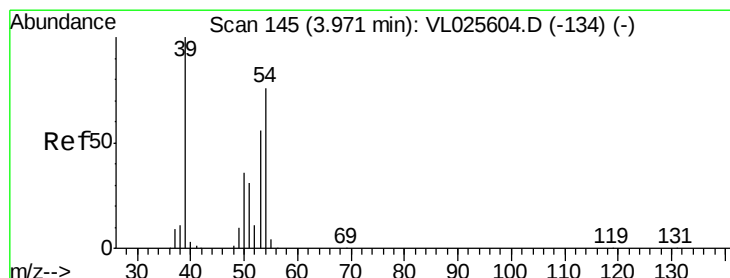
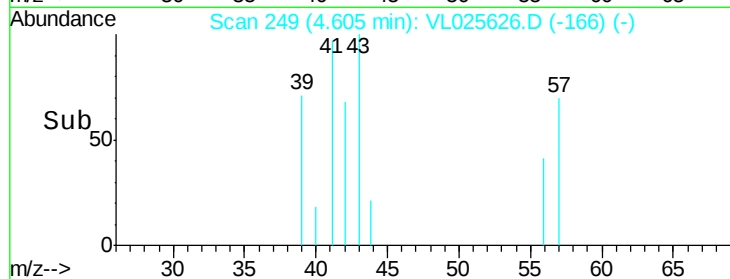
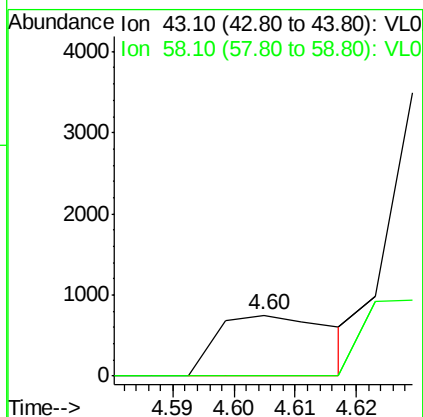
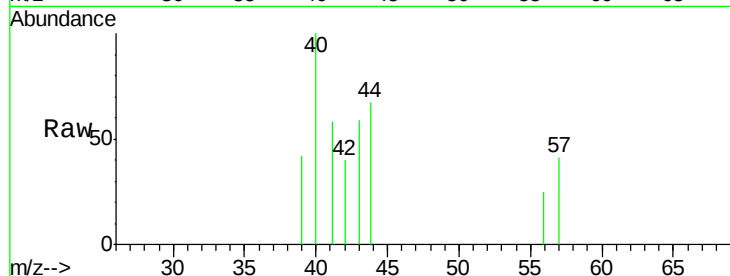
DIN46-INFLUENT-070115DL

Tgt Ion: 43 Resp: 989

Ion Ratio Lower Upper

43 100

58 0.0 17.2 25.8#



#16

1,3-Butadiene

Concen: 0.00 ppbv

RT: 3.98 min Scan# 147

Delta R.T. 0.01 min

Lab File: VL025626.D

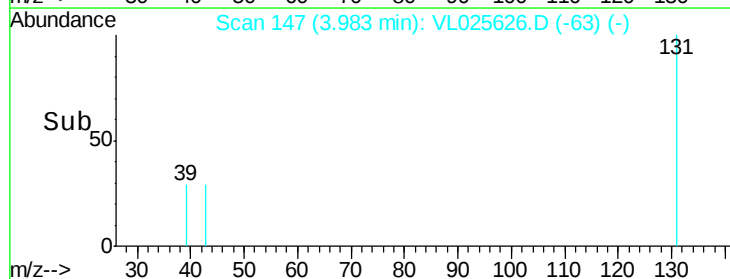
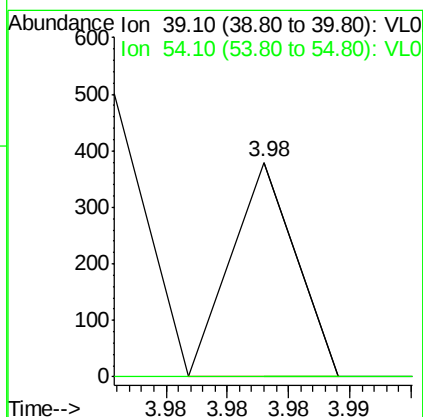
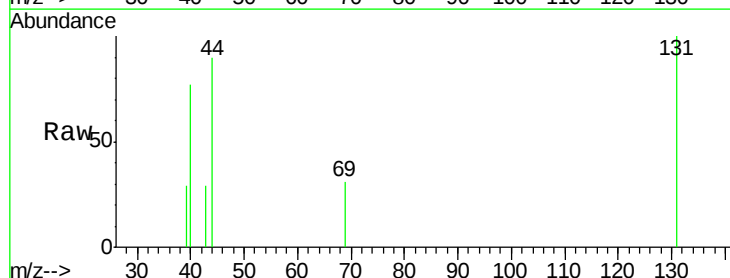
Acq: 8 Jul 2015 3:15

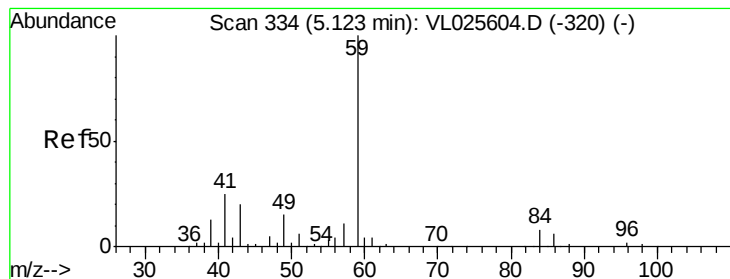
Tgt Ion: 39 Resp: 139

Ion Ratio Lower Upper

39 100

54 0.0 59.3 88.9#



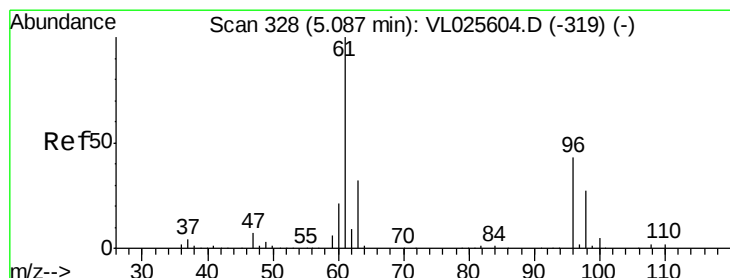
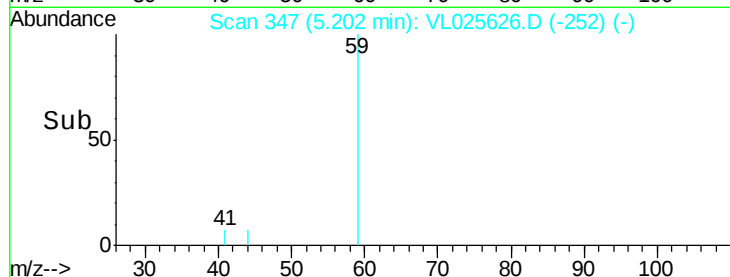
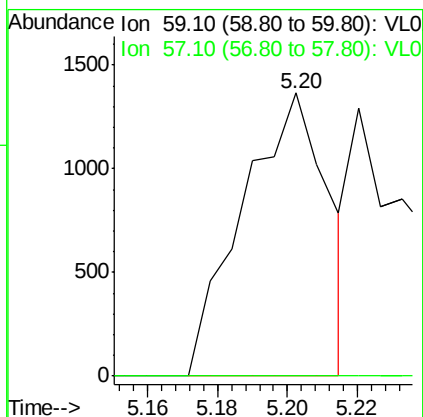
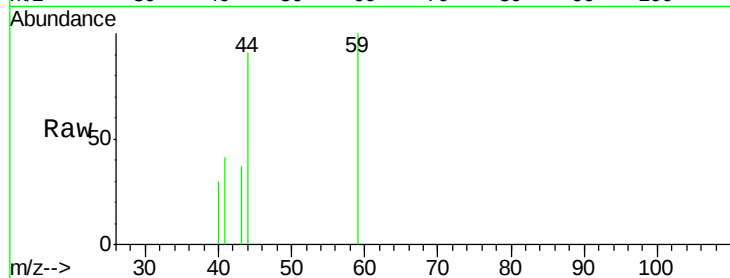


#17

tert-Butyl alcohol
Concen: 0.03 ppbv
RT: 5.20 min Scan# 347
Delta R.T. 0.08 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-070115DL

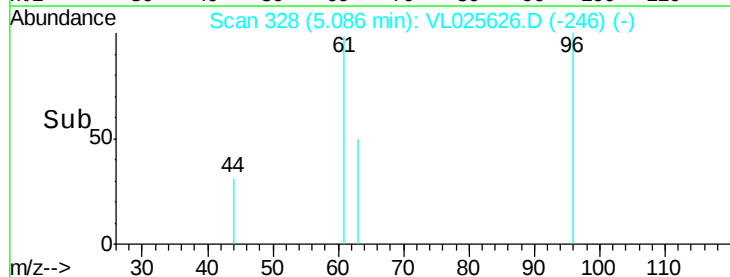
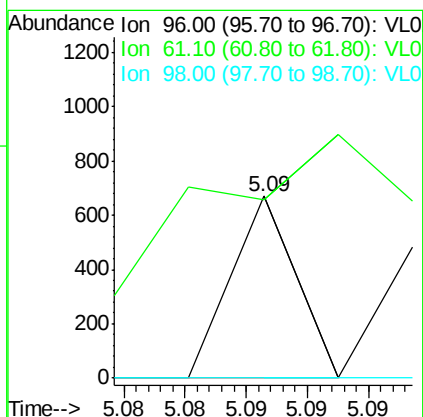
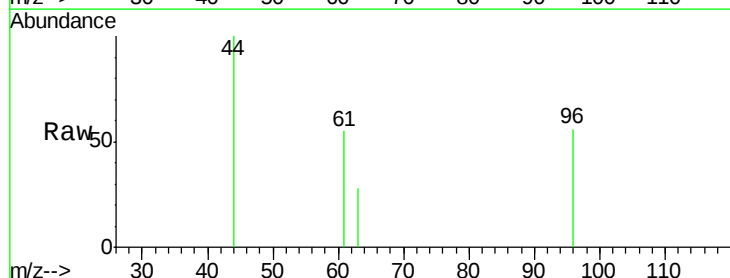
Tgt Ion: 59 Resp: 2323
Ion Ratio Lower Upper
59 100
57 0.0 9.4 14.2#

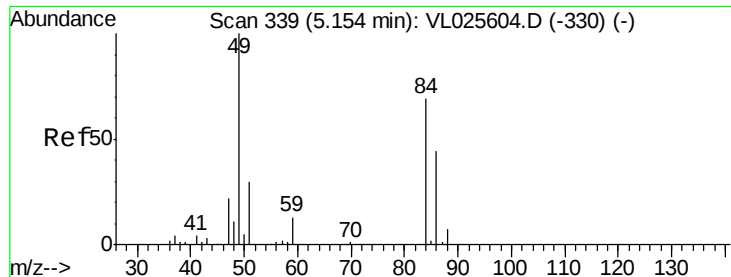


#18

1,1-Dichloroethene
Concen: 0.01 ppbv
RT: 5.09 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

Tgt Ion: 96 Resp: 245
Ion Ratio Lower Upper
96 100
61 0.0 184.1 276.1#
98 0.0 50.0 75.0#

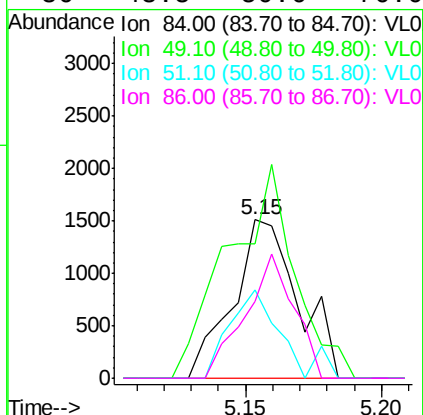
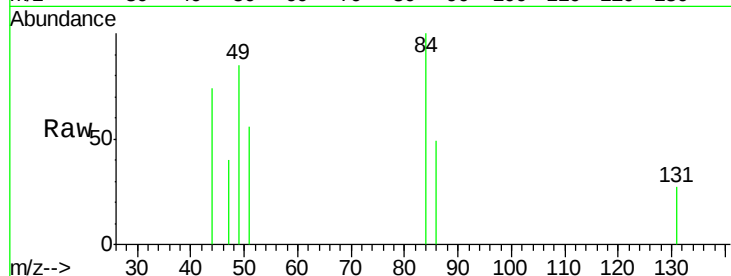




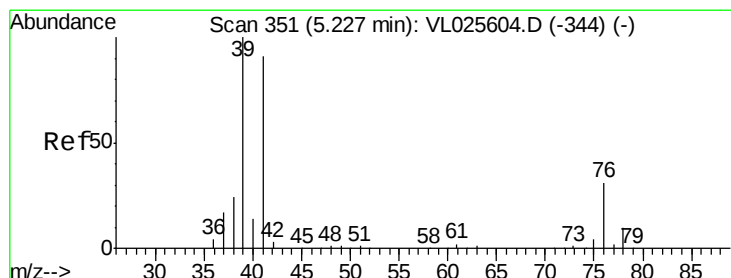
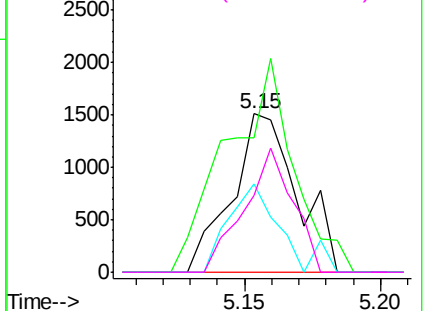
#20
Methylene Chloride
Concen: 0.06 ppbv
RT: 5.15 min Scan# 339
Delta R.T. -0.00 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-070115DL

Tgt Ion: 84 Resp: 2506
Ion Ratio Lower Upper
84 100
49 64.5 115.2 172.8#
51 55.6 35.0 52.6#
86 48.5 50.6 76.0#

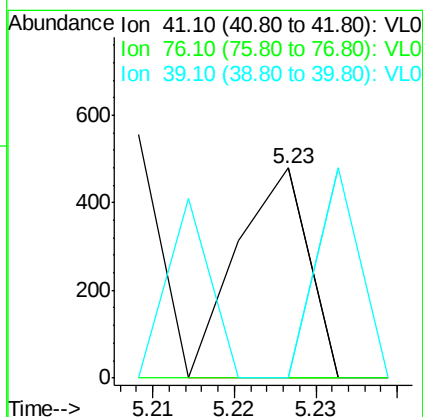
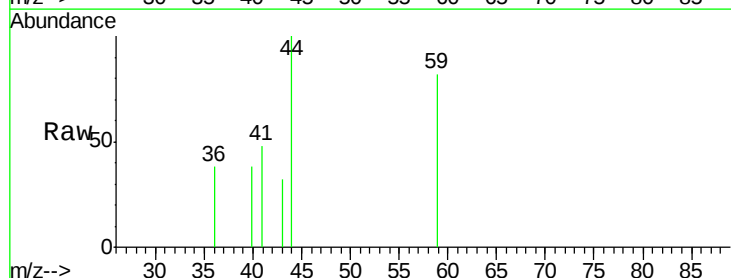


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

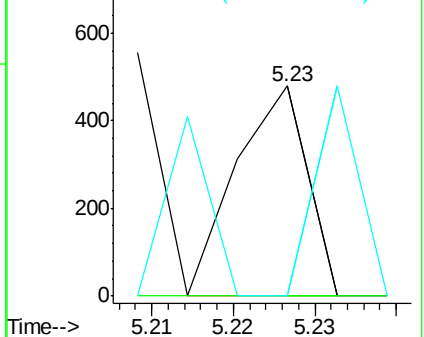


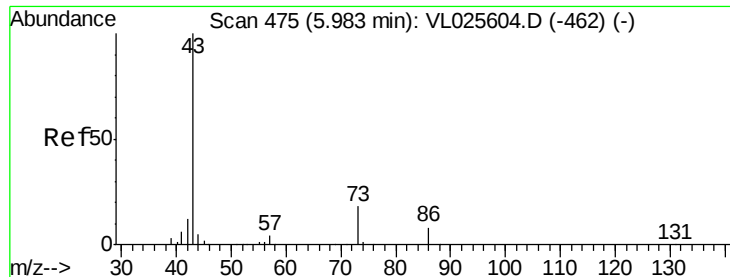
#21
Allyl Chloride
Concen: 0.00 ppbv
RT: 5.23 min Scan# 351
Delta R.T. -0.00 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

Tgt Ion: 41 Resp: 290
Ion Ratio Lower Upper
41 100
76 0.0 26.6 40.0#
39 0.0 88.2 132.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 0.02 ppbv

RT: 6.01 min Scan# 479

Delta R.T. 0.02 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL

Tgt Ion: 43 Resp: 2460

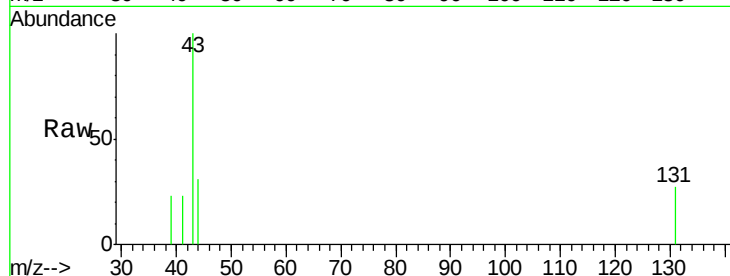
Ion Ratio Lower Upper

43 100

86 0.0 6.7 10.1#

42 0.0 9.8 14.6#

44 0.0 4.1 6.1#

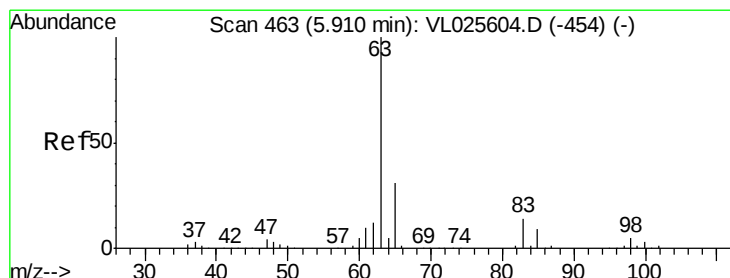
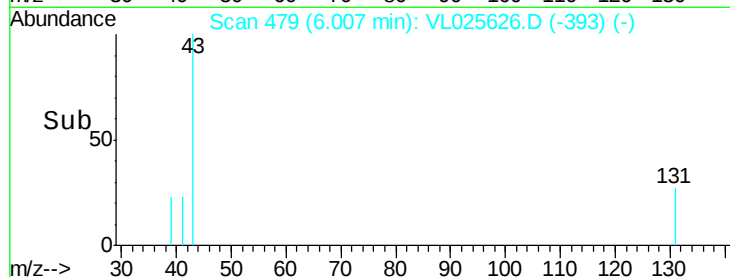
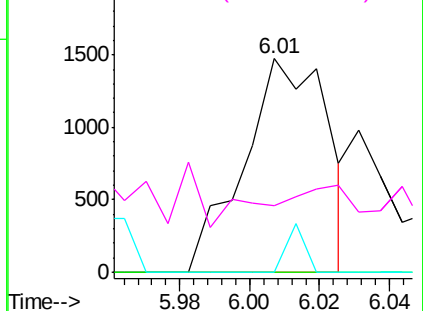


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.02 ppbv

RT: 5.91 min Scan# 463

Delta R.T. -0.00 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

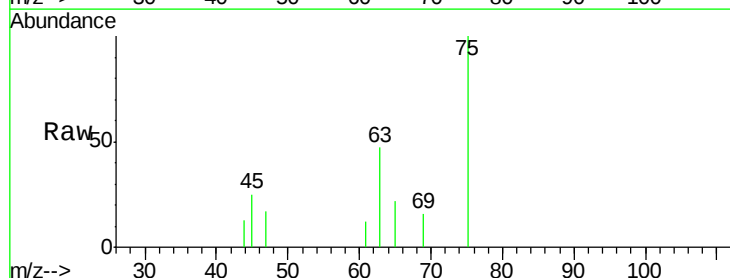
Tgt Ion: 63 Resp: 2654

Ion Ratio Lower Upper

63 100

98 0.0 2.6 8.0#

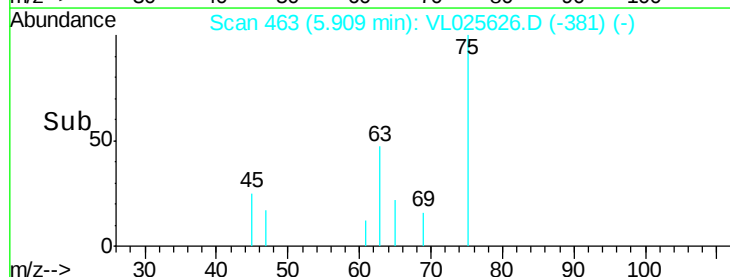
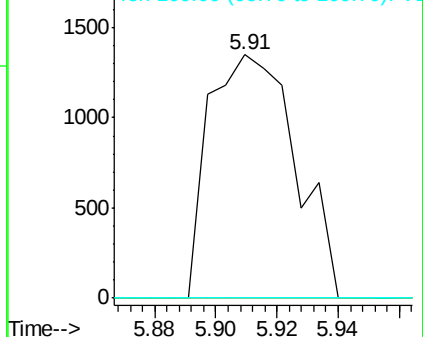
100 0.0 1.6 4.7#

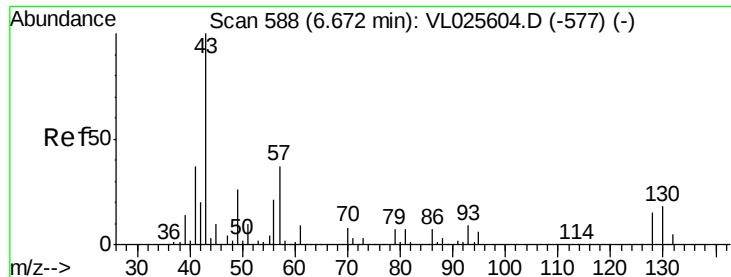


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

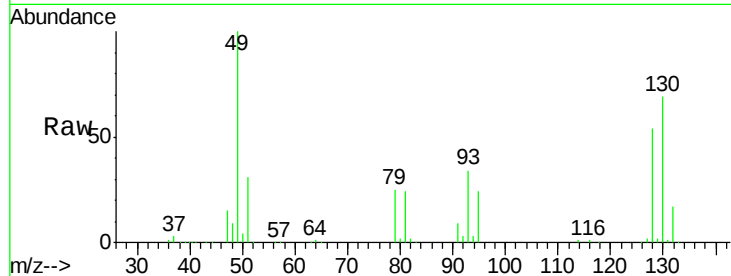




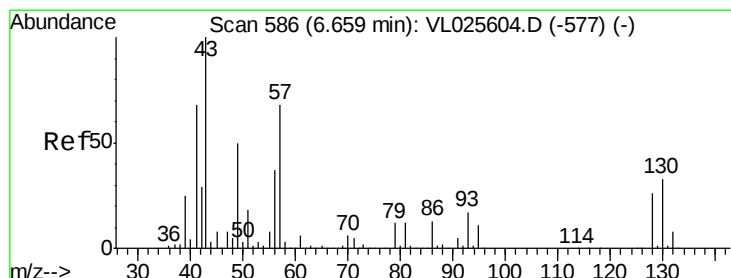
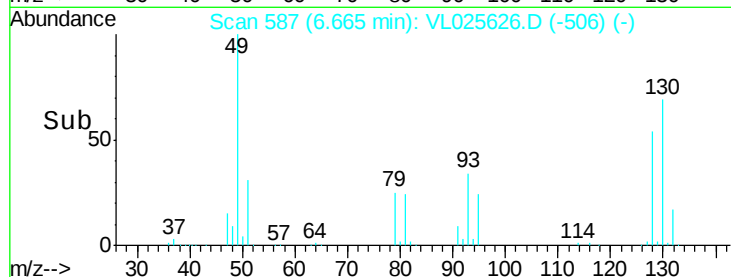
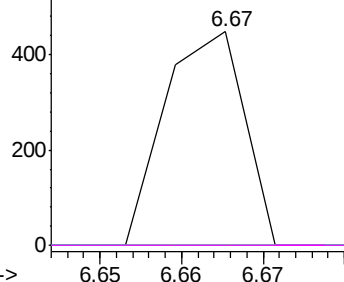
#25
Ethyl Acetate
Concen: 0.00 ppbv
RT: 6.67 min Scan# 587
Delta R.T. -0.01 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-070115DL

Tgt Ion: 43 Resp: 302
Ion Ratio Lower Upper
43 100
45 0.0 7.5 11.3#
61 2446.7 6.6 10.0#
70 0.0 6.0 9.0#

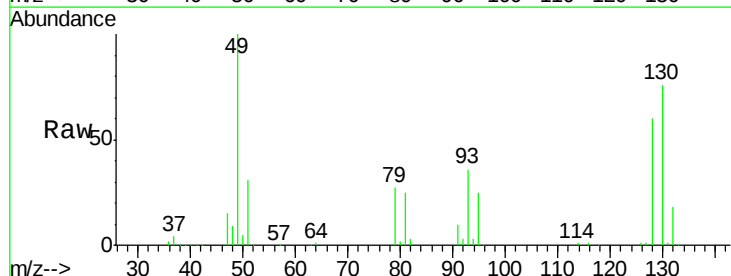


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

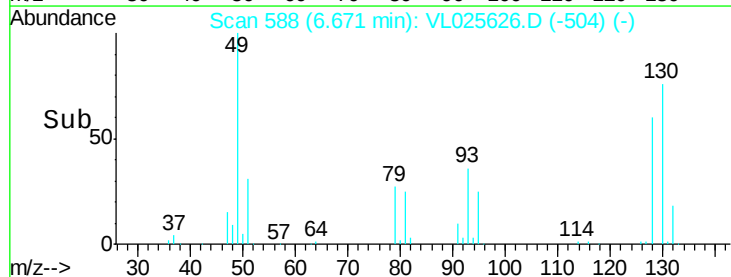
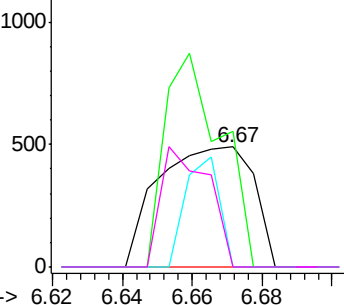


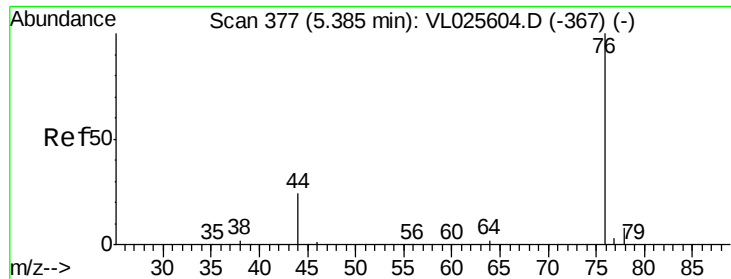
#26
Hexane
Concen: 0.01 ppbv
RT: 6.67 min Scan# 588
Delta R.T. 0.01 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

Tgt Ion: 57 Resp: 925
Ion Ratio Lower Upper
57 100
41 105.4 81.4 122.2
43 0.0 171.4 257.2#
56 49.7 44.5 66.7



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.01 ppbv

RT: 5.40 min Scan# 380

Delta R.T. 0.02 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL

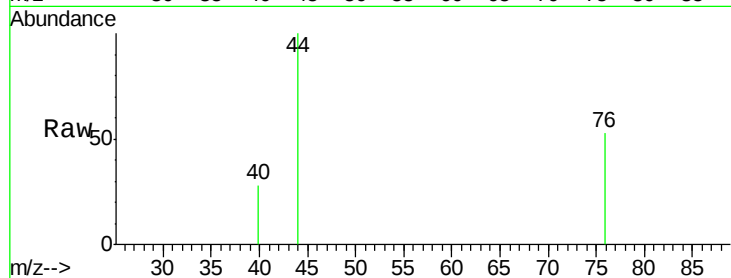
Tgt Ion: 76 Resp: 792

Ion Ratio Lower Upper

76 100

44 238.1 20.2 30.4#

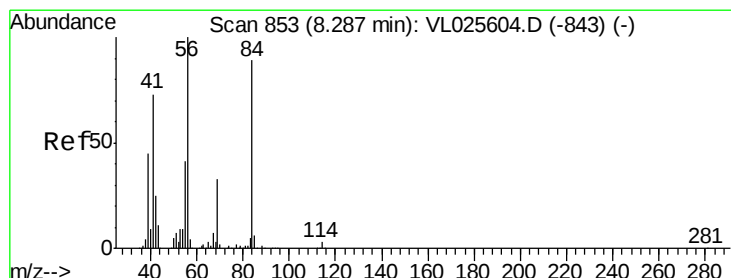
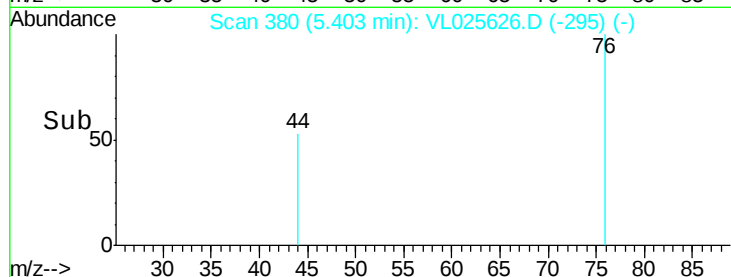
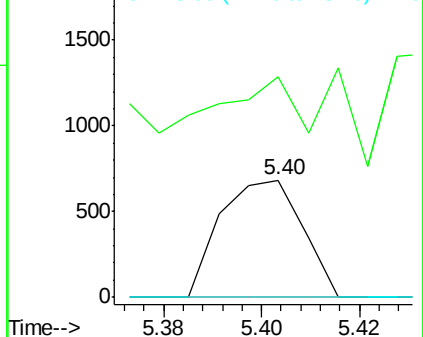
78 0.0 7.4 11.2#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#30

Cyclohexane

Concen: 0.04 ppbv

RT: 8.31 min Scan# 857

Delta R.T. 0.02 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

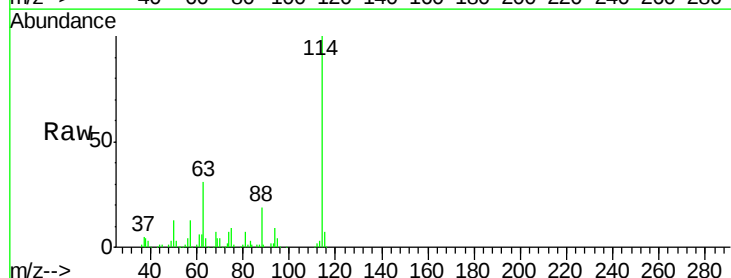
Tgt Ion: 84 Resp: 2754

Ion Ratio Lower Upper

84 100

56 0.0 97.5 146.3#

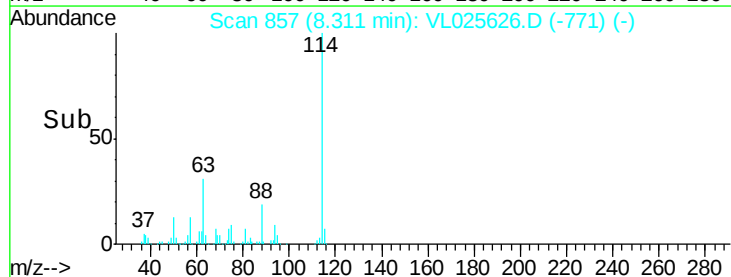
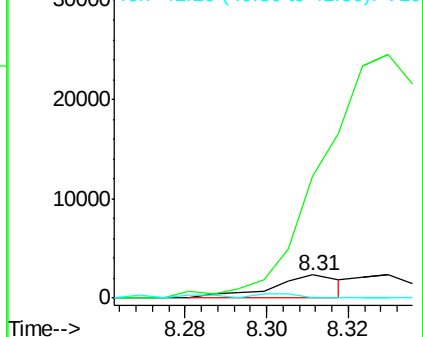
41 24.9 65.4 98.2#

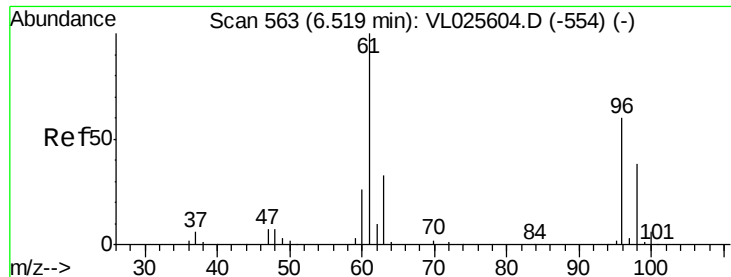


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 0.10 ppbv

RT: 6.52 min Scan# 563

Delta R.T. -0.00 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL

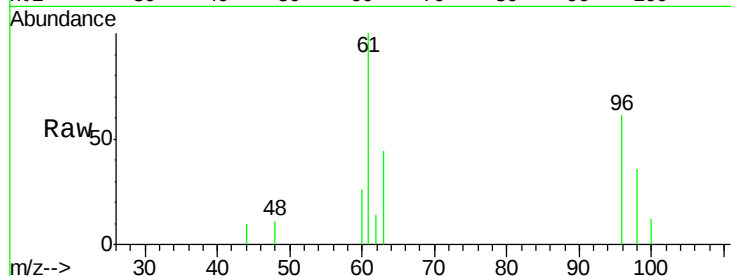
Tgt Ion: 61 Resp: 7390

Ion Ratio Lower Upper

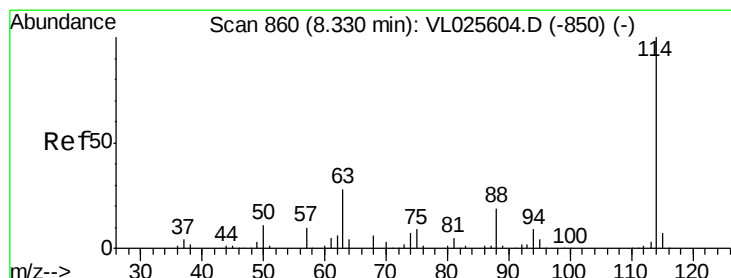
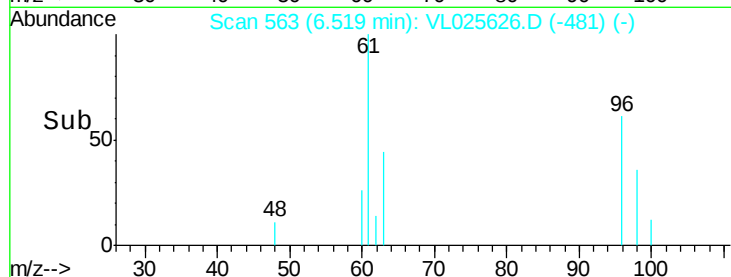
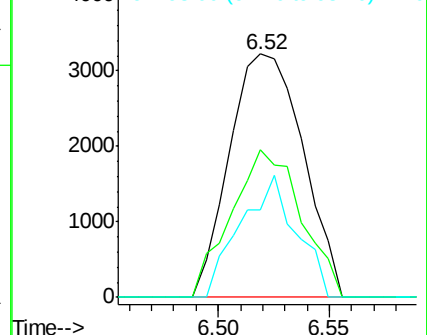
61 100

96 60.6 48.1 72.1

98 36.0 30.7 46.1



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 8.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

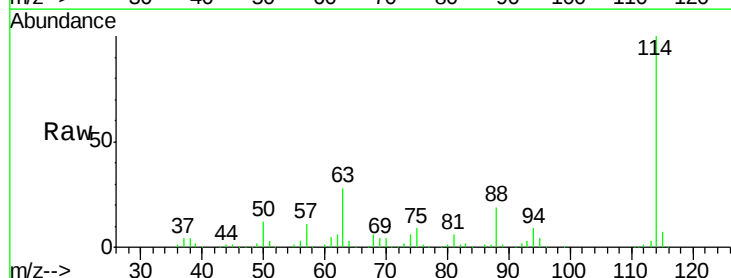
Tgt Ion: 114 Resp: 1567521

Ion Ratio Lower Upper

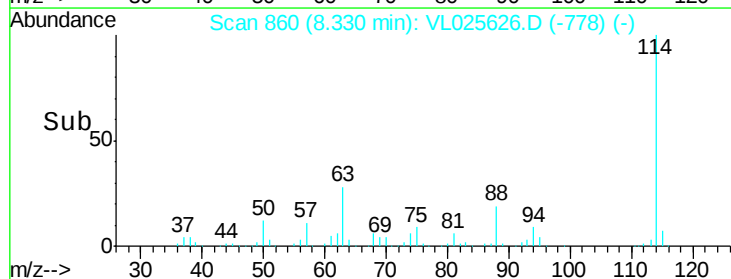
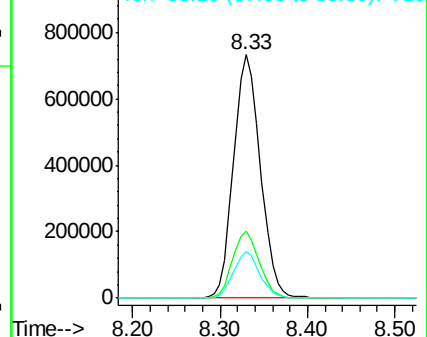
114 100

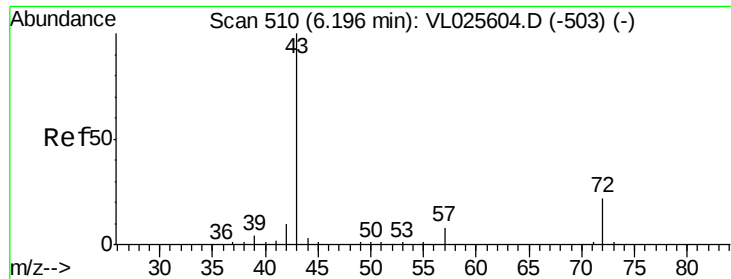
63 27.3 22.4 33.6

88 18.7 15.0 22.4



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: 0.00 ppbv

RT: 6.18 min Scan# 507

Delta R.T. -0.02 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

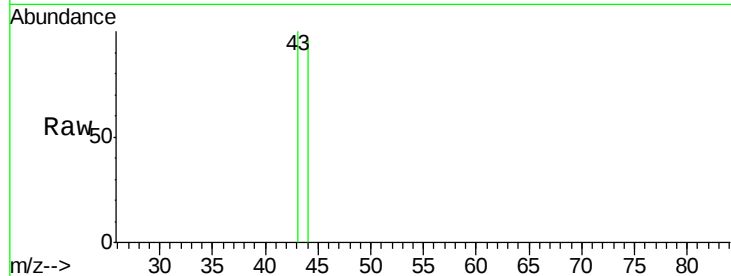
DIN46-INFLUENT-070115DL

Tgt Ion: 43 Resp: 124

Ion Ratio Lower Upper

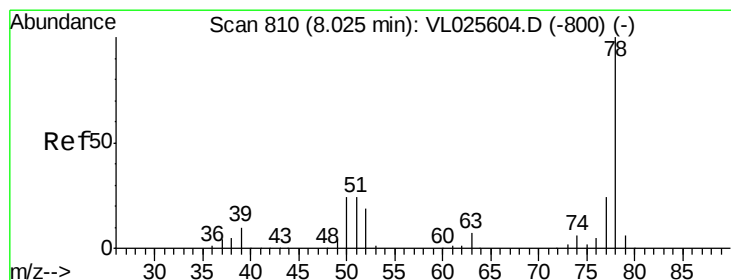
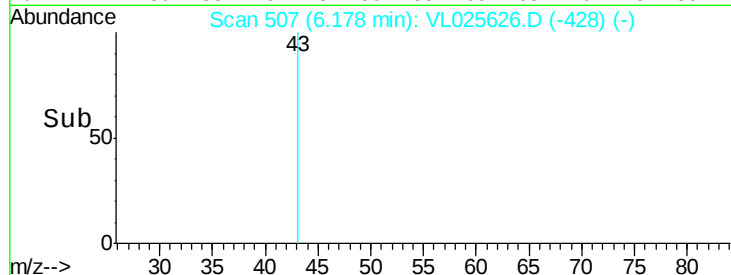
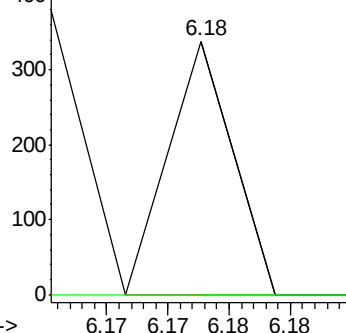
43 100

72 0.0 18.6 28.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



#36

Benzene

Concen: 0.00 ppbv

RT: 8.02 min Scan# 810

Delta R.T. -0.00 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

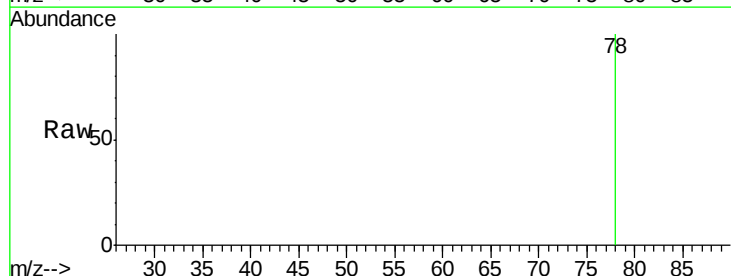
Tgt Ion: 78 Resp: 587

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.4#

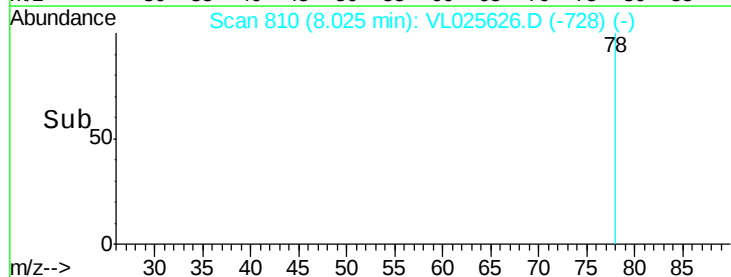
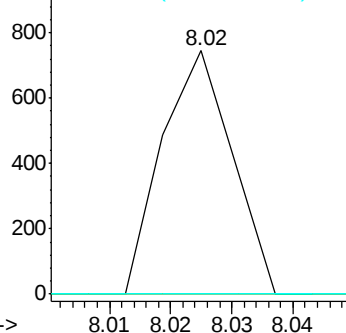
50 0.0 19.2 28.8#

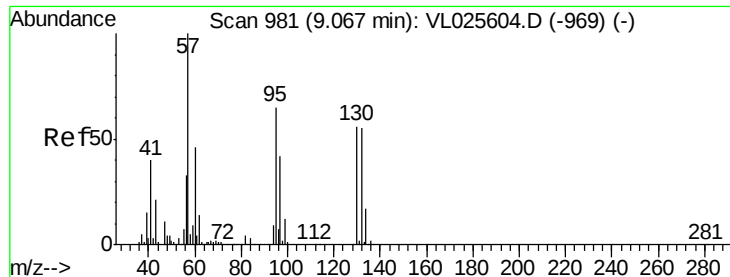


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

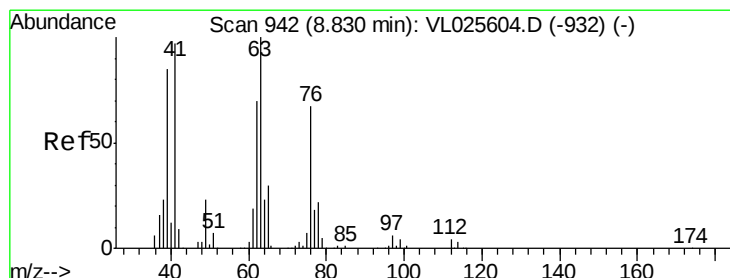
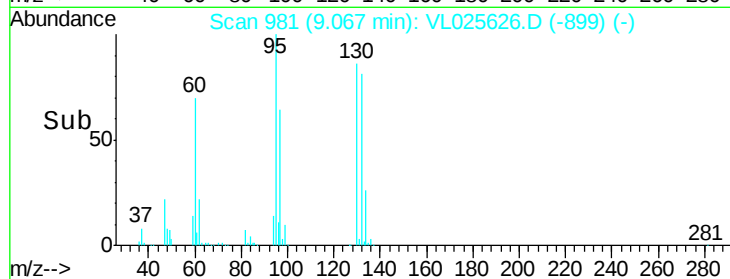
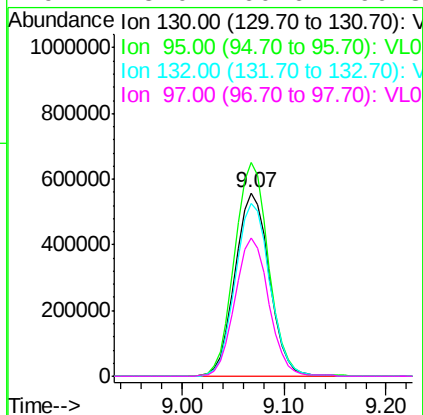
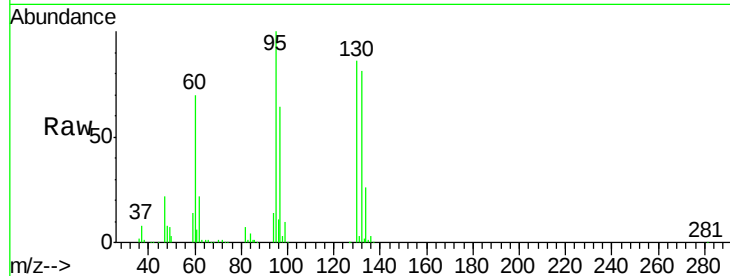




#38
 Trichloroethene
 Concen: 18.67 ppbv
 RT: 9.07 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VL025626.D
 Acq: 8 Jul 2015 3:15

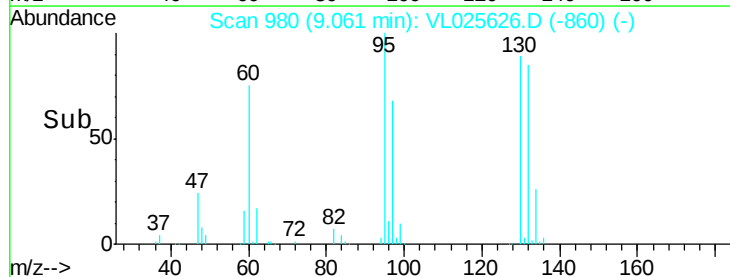
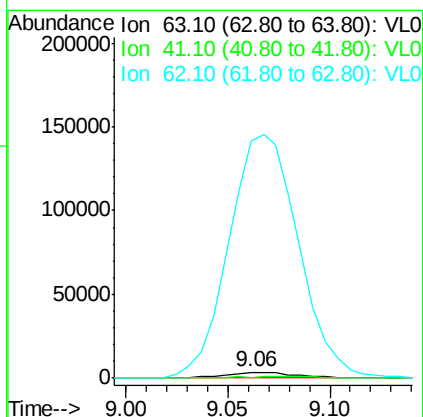
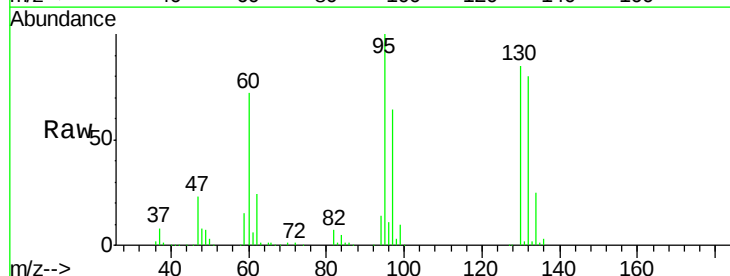
Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-070115DL

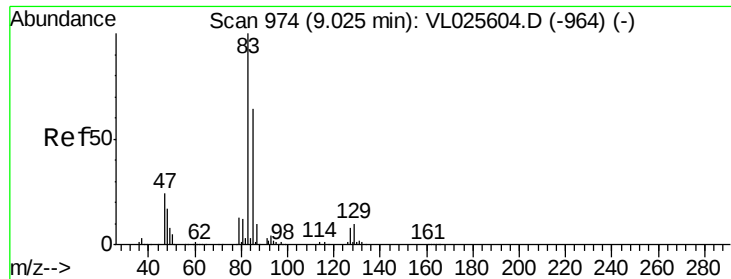
Tgt Ion:130 Resp: 1302866
 Ion Ratio Lower Upper
 130 100
 95 116.3 94.2 141.4
 132 94.1 78.6 118.0
 97 75.0 60.6 90.8



#39
 1,2-Dichloropropane
 Concen: 0.14 ppbv
 RT: 9.06 min Scan# 980
 Delta R.T. 0.23 min
 Lab File: VL025626.D
 Acq: 8 Jul 2015 3:15

Tgt Ion: 63 Resp: 7921
 Ion Ratio Lower Upper
 63 100
 41 17.5 78.0 117.0#
 62 3754.5 55.7 83.5#





#42

Bromodichloromethane

Concen: 0.13 ppbv

RT: 9.07 min Scan# 981

Delta R.T. 0.04 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL

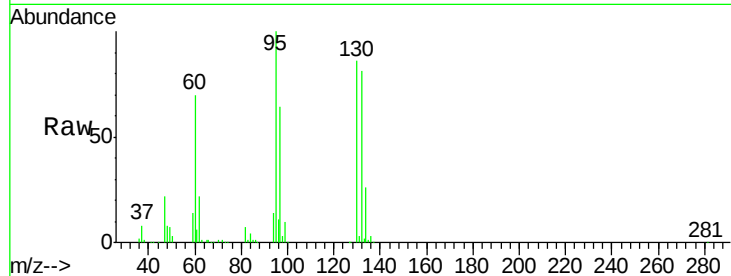
Tgt Ion: 83 Resp: 20417

Ion Ratio Lower Upper

83 100

85 64.2 51.3 76.9

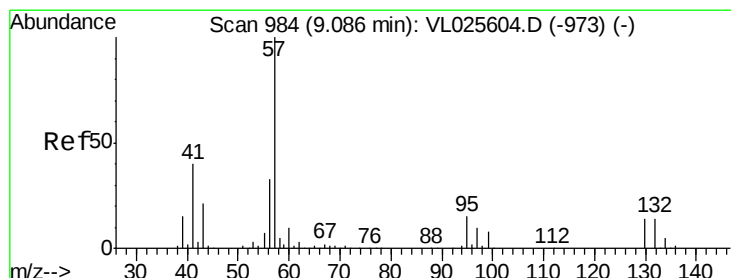
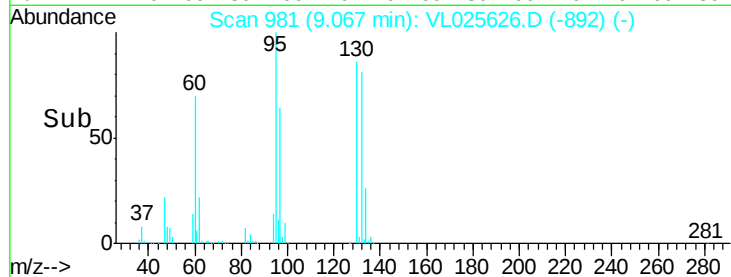
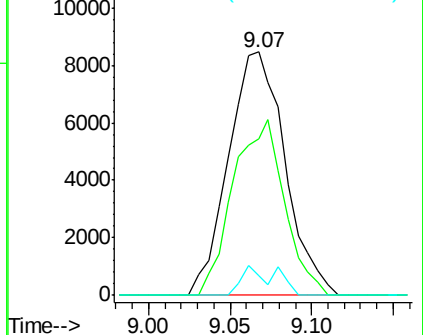
127 8.2 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.00 ppbv

RT: 9.09 min Scan# 985

Delta R.T. 0.01 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

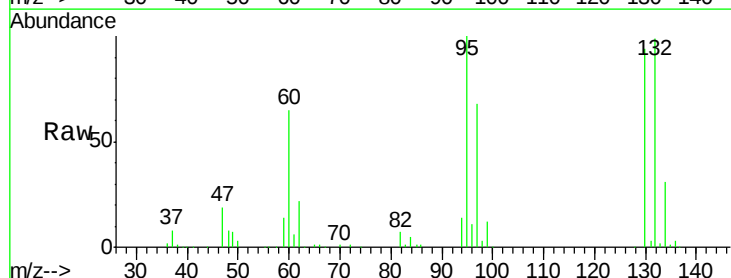
Tgt Ion: 57 Resp: 242

Ion Ratio Lower Upper

57 100

41 0.0 31.2 46.8#

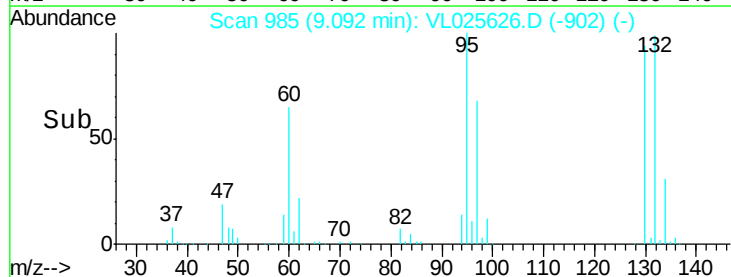
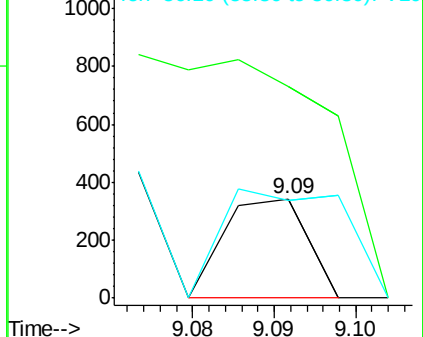
56 161.2 25.4 38.2#

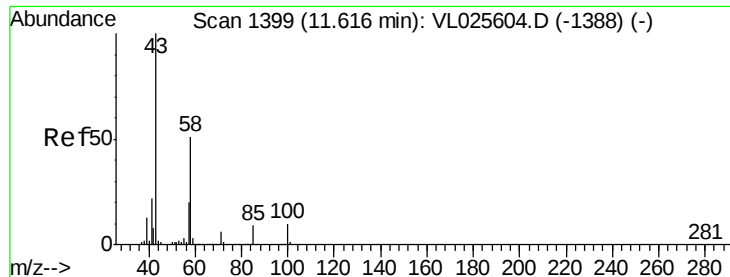


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

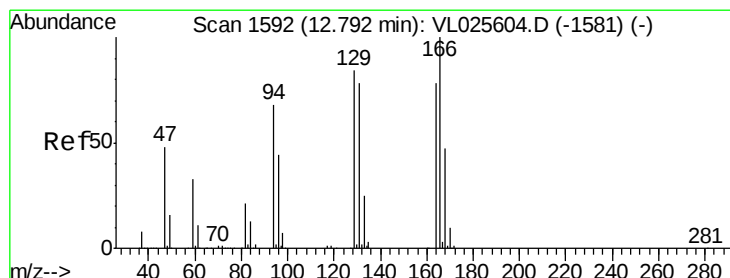
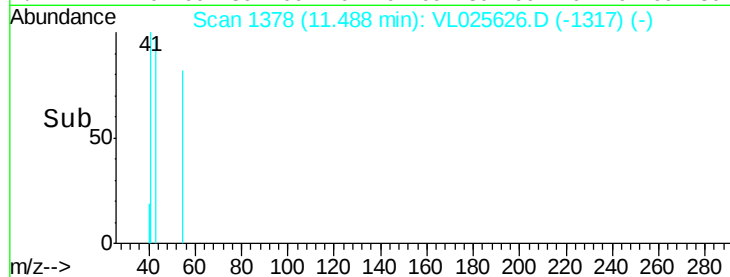
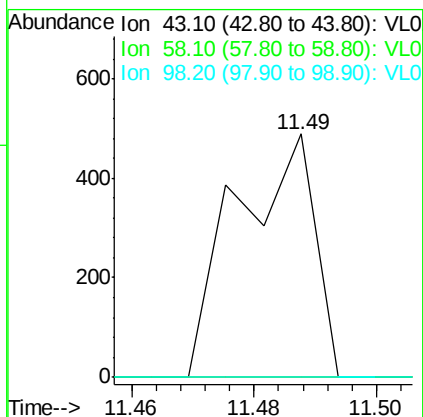
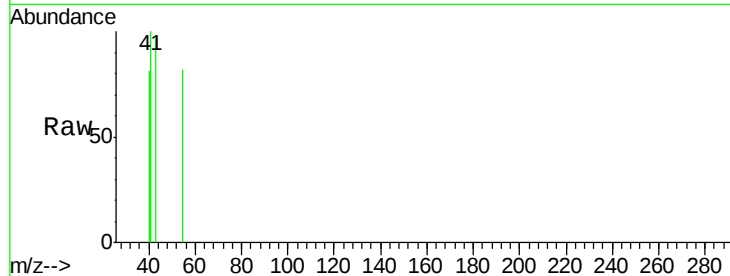




#51
2-Hexanone
Concen: 0.00 ppbv
RT: 11.49 min Scan# 1378
Delta R.T. -0.13 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

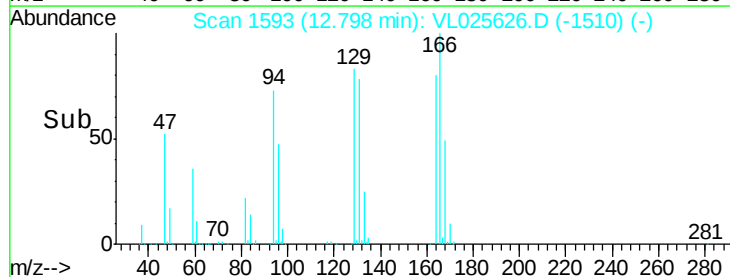
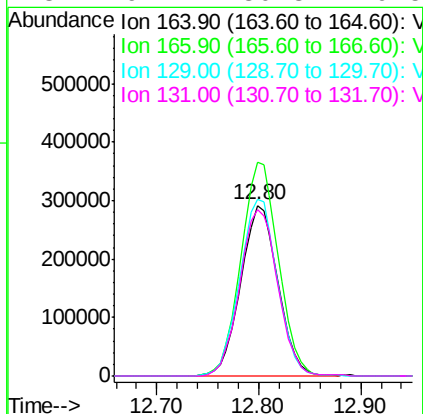
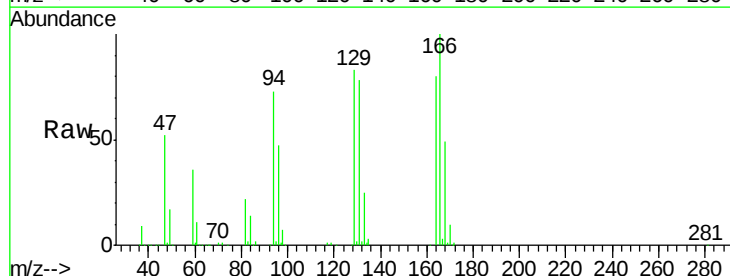
Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-070115DL

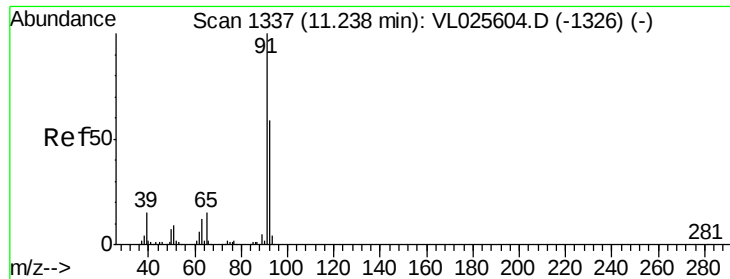
Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
58 0.0 39.0 58.6#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.82 ppbv
RT: 12.80 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

Tgt Ion: 164 Resp: 739293
Ion Ratio Lower Upper
164 100
166 125.3 102.3 153.5
129 103.7 86.2 129.4
131 97.7 80.3 120.5





#53

Toluene

Concen: 0.01 ppbv

RT: 11.24 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

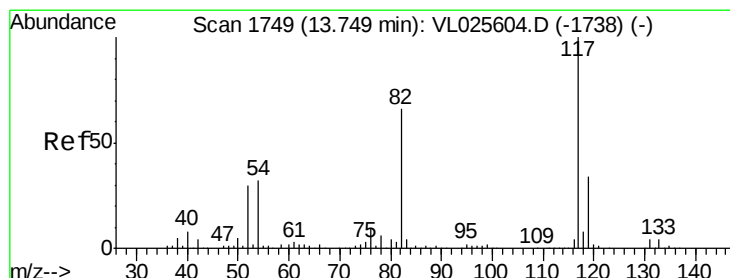
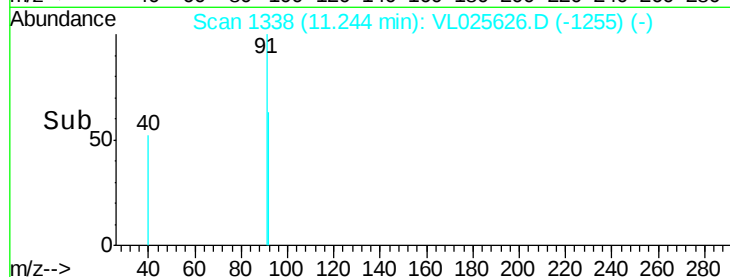
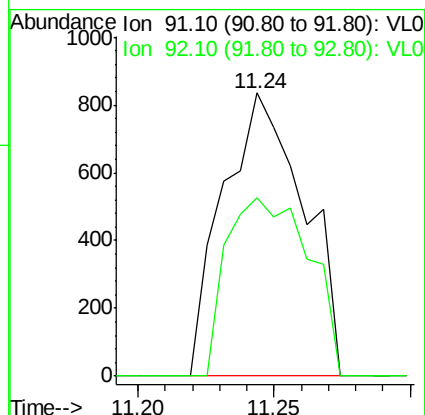
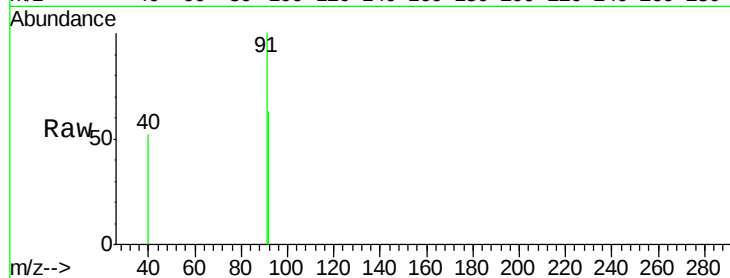
DIN46-INFLUENT-070115DL

Tgt Ion: 91 Resp: 1718

Ion Ratio Lower Upper

91 100

92 64.6 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.75 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

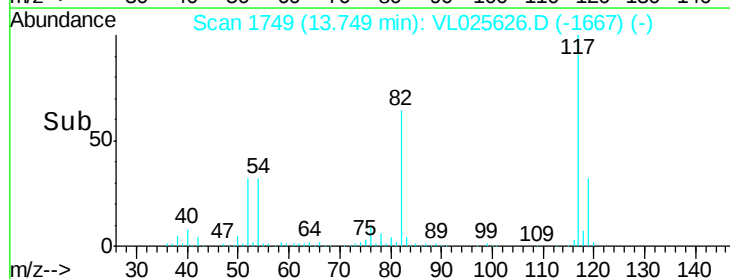
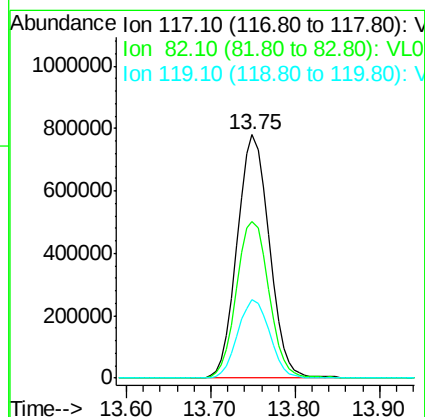
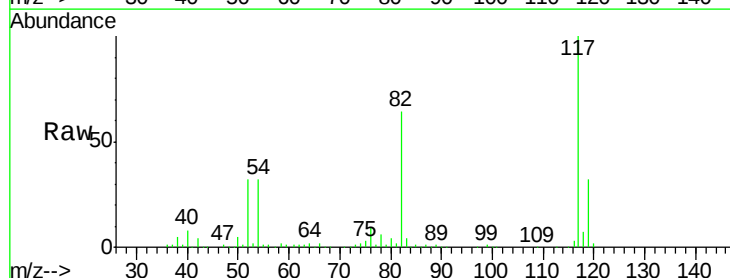
Tgt Ion: 117 Resp: 2015094

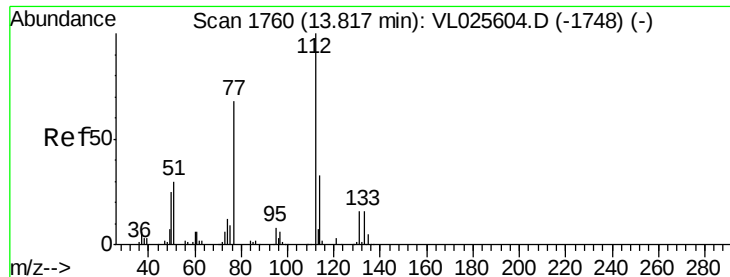
Ion Ratio Lower Upper

117 100

82 0.0 50.5 75.7#

119 32.6 45.1 67.7#





#57

Chlorobenzene

Concen: 0.00 ppbv

RT: 13.76 min Scan# 1751

Delta R.T. -0.05 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL

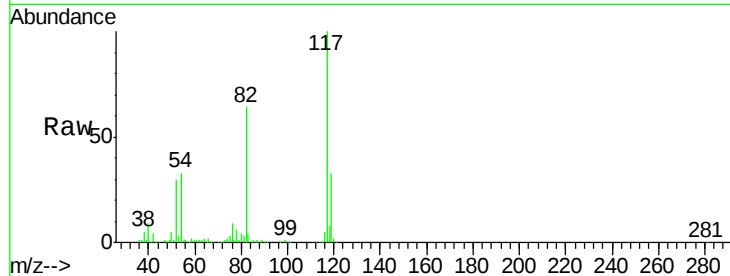
Tgt Ion: 112 Resp: 111

Ion Ratio Lower Upper

112 100

77 624.0 55.2 82.8#

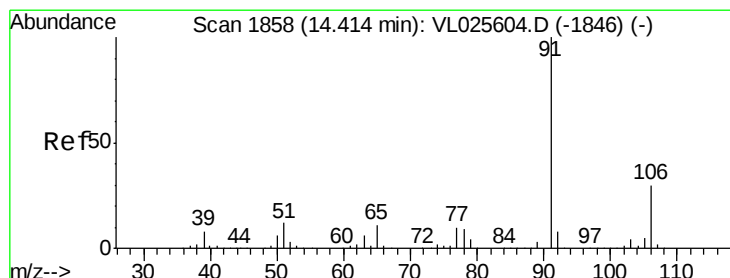
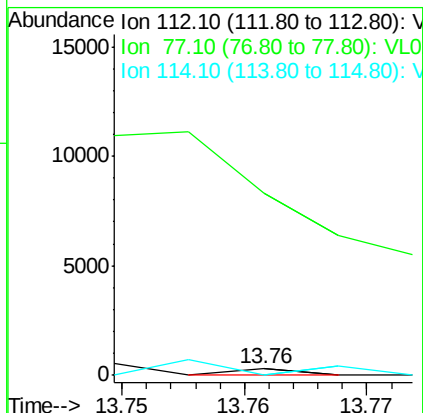
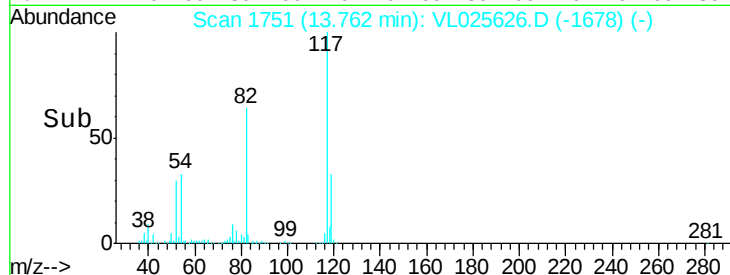
114 0.0 29.4 36.0#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.00 ppbv

RT: 14.41 min Scan# 1857

Delta R.T. -0.01 min

Lab File: VL025626.D

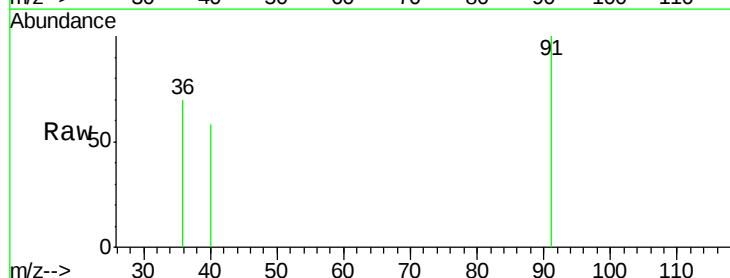
Acq: 8 Jul 2015 3:15

Tgt Ion: 91 Resp: 1126

Ion Ratio Lower Upper

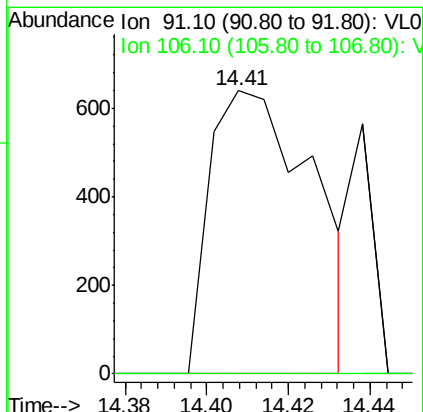
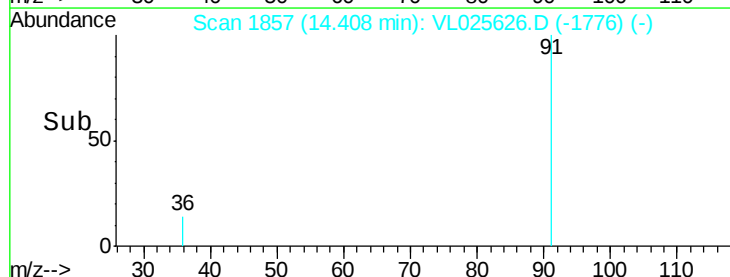
91 100

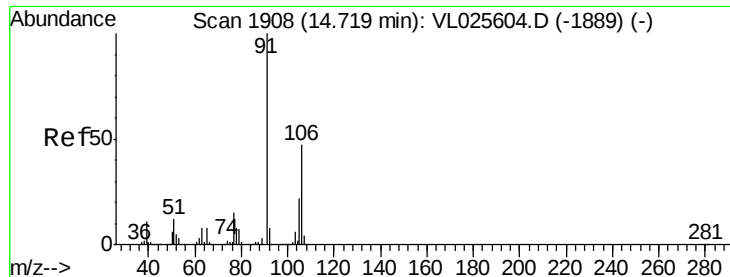
106 0.0 24.2 36.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

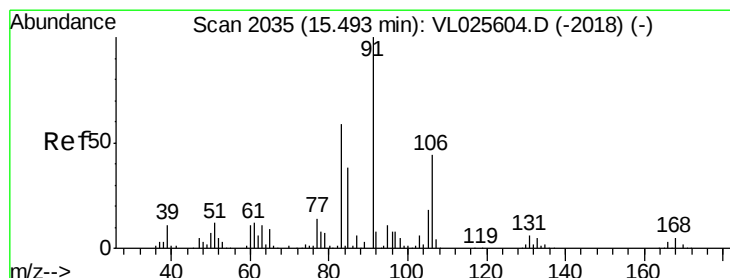
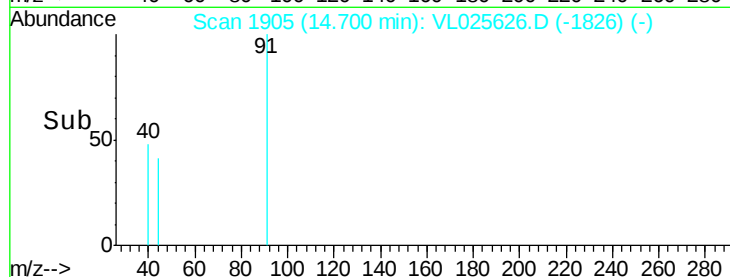
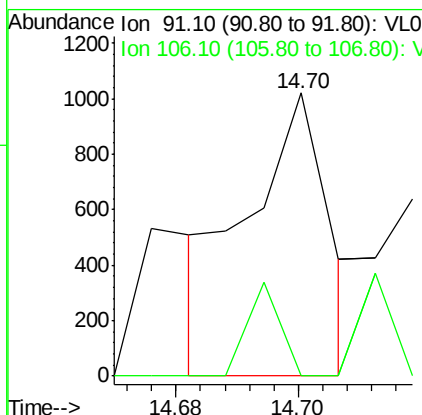
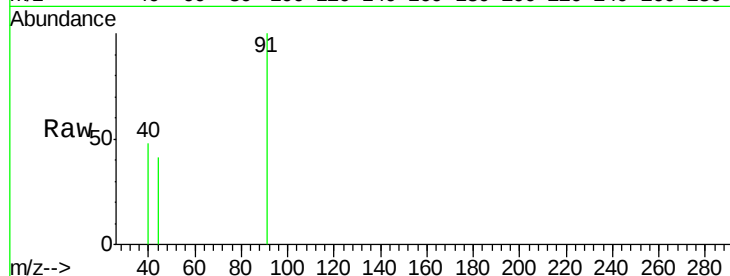




#59
m/p-Xylene
Concen: 0.00 ppbv
RT: 14.70 min Scan# 1905
Delta R.T. -0.02 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

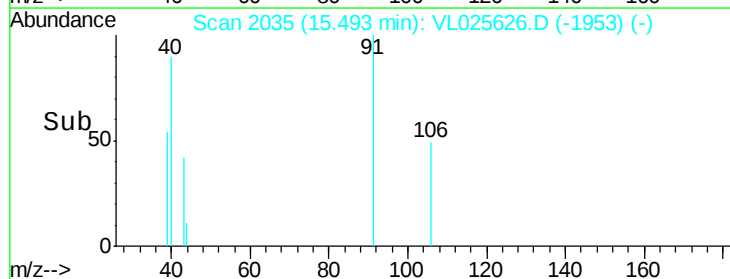
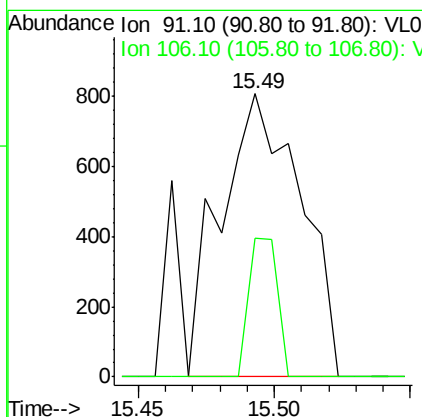
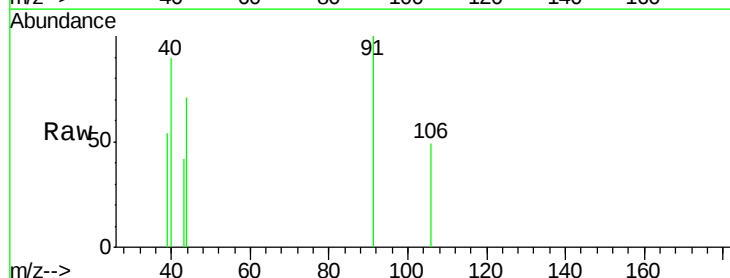
Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-070115DL

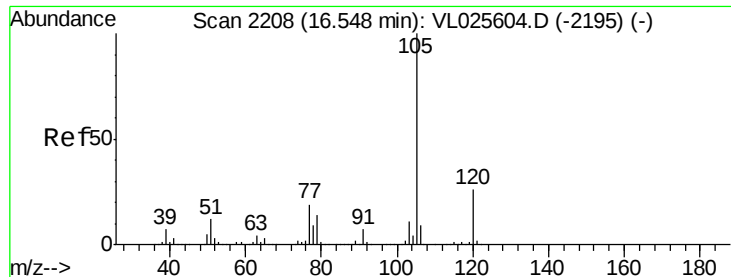
Tgt Ion: 91 Resp: 942
Ion Ratio Lower Upper
91 100
106 41.0 37.9 56.9



#60
o-Xylene
Concen: 0.01 ppbv
RT: 15.49 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VL025626.D
Acq: 8 Jul 2015 3:15

Tgt Ion: 91 Resp: 1656
Ion Ratio Lower Upper
91 100
106 0.0 22.1 66.1#





#62

Isopropylbenzene

Concen: 0.00 ppbv

RT: 16.31 min Scan# 2169

Delta R.T. -0.24 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

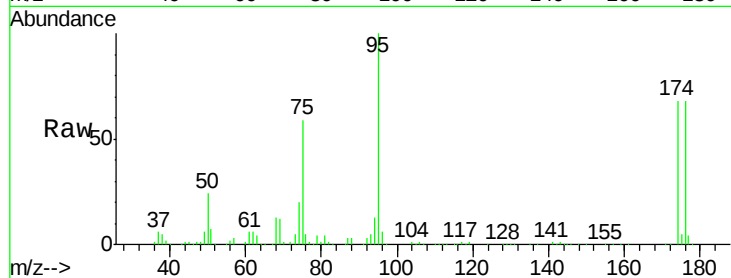
DIN46-INFLUENT-070115DL

Tgt Ion: 105 Resp: 529

Ion Ratio Lower Upper

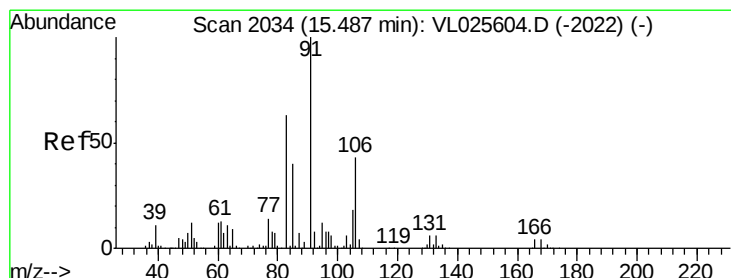
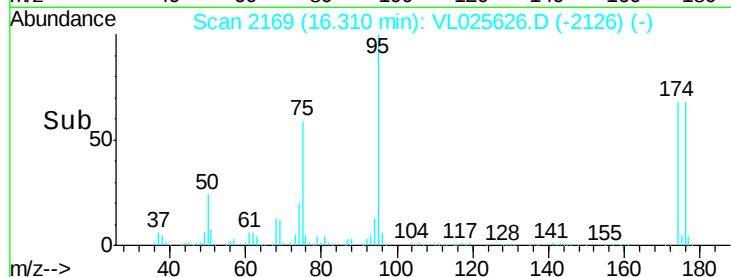
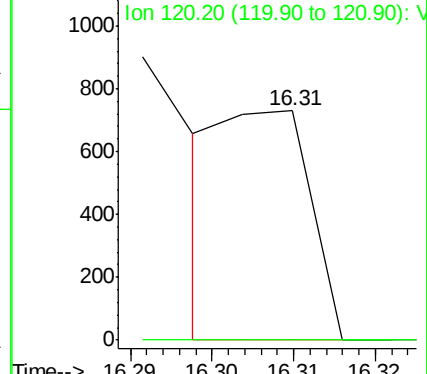
105 100

120 0.0 20.6 31.0#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#63

1,1,2,2-Tetrachloroethane

Concen: 0.00 ppbv

RT: 15.38 min Scan# 2017

Delta R.T. -0.10 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

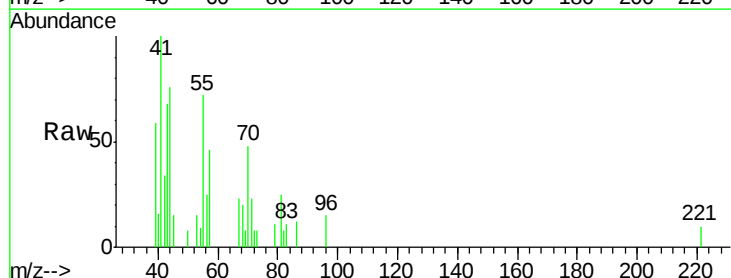
Tgt Ion: 83 Resp: 152

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

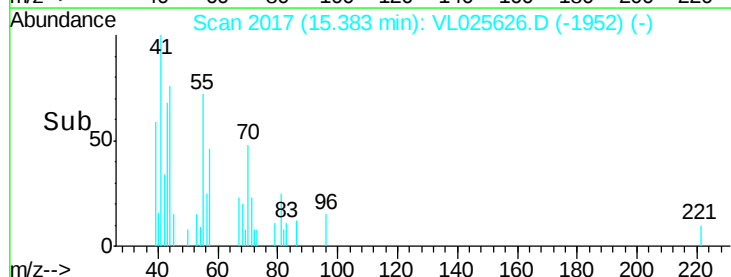
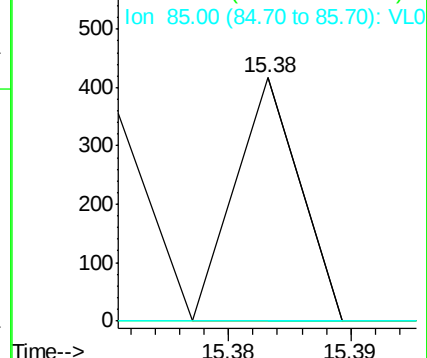
85 0.0 32.4 97.2#

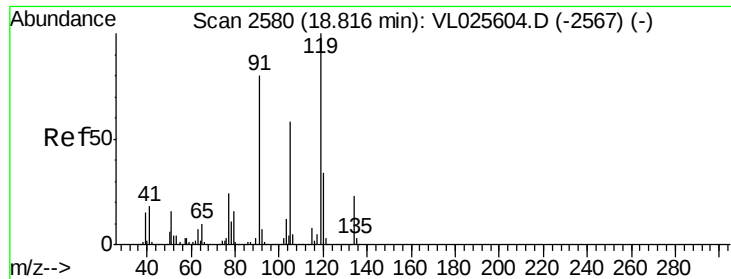


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0

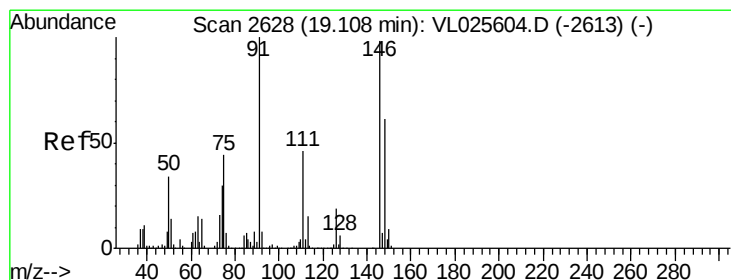
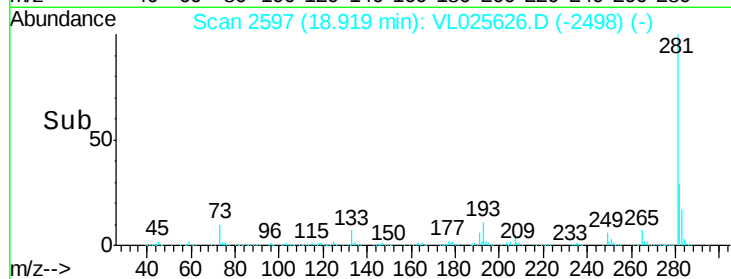
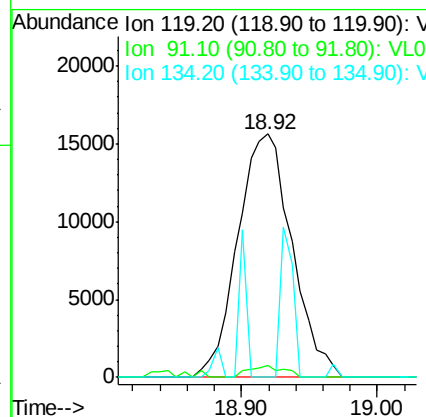
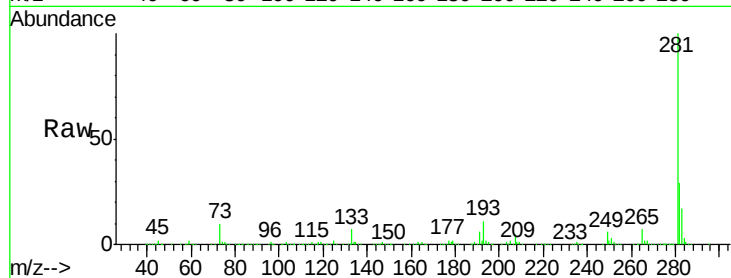




#65
 tert-Butylbenzene
 Concen: 0.11 ppbv
 RT: 18.92 min Scan# 2597
 Delta R.T. 0.10 min
 Lab File: VL025626.D
 Acq: 8 Jul 2015 3:15

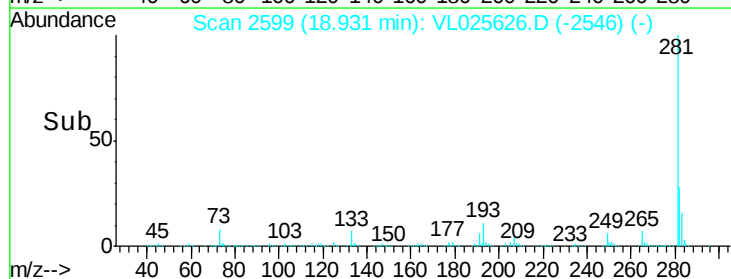
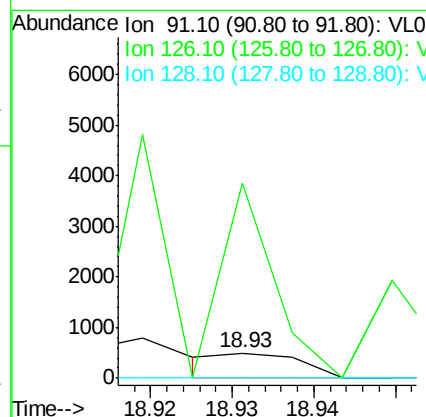
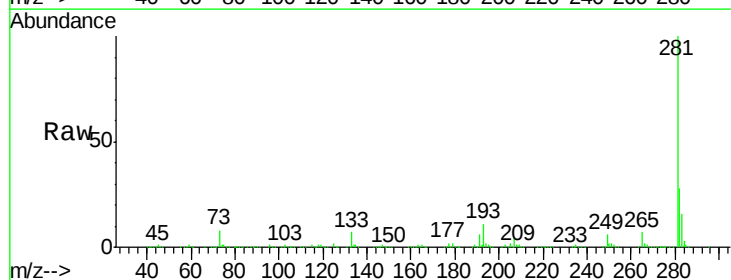
Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-070115DL

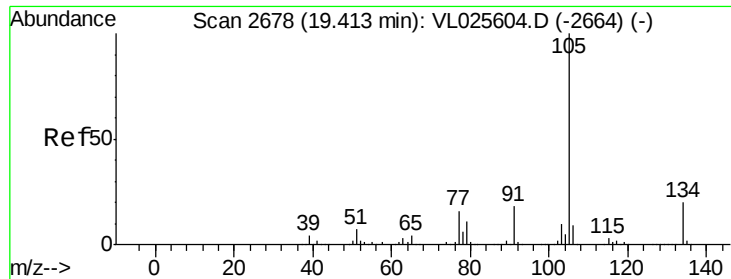
Tgt Ion: 119 Resp: 43503
 Ion Ratio Lower Upper
 119 100
 91 3.1 64.5 96.7#
 134 24.8 17.4 26.0



#66
 Benzyl Chloride
 Concen: 0.00 ppbv
 RT: 18.93 min Scan# 2599
 Delta R.T. -0.18 min
 Lab File: VL025626.D
 Acq: 8 Jul 2015 3:15

Tgt Ion: 91 Resp: 333
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.5 21.7#
 128 0.0 4.6 7.0#

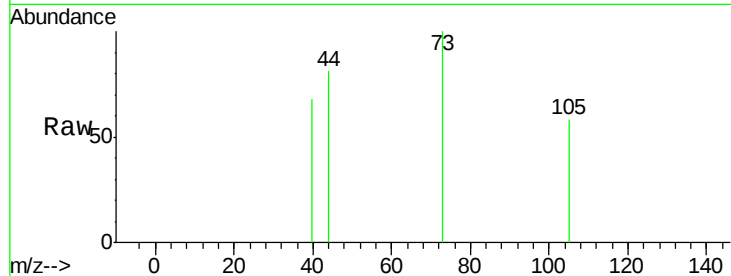




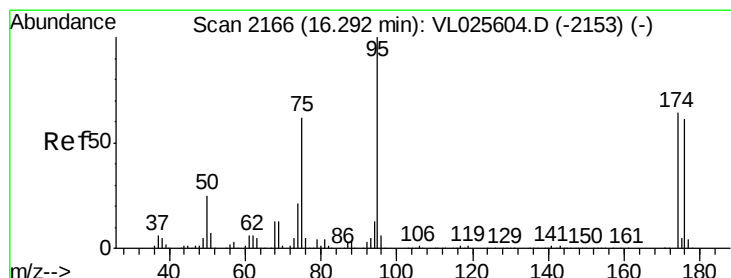
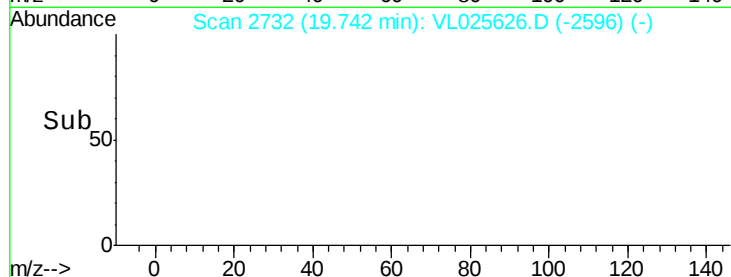
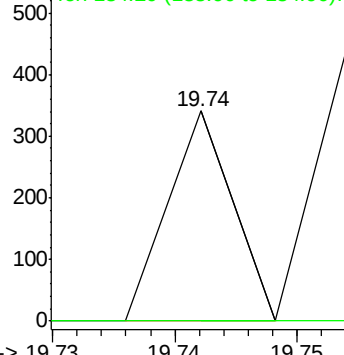
#67
 sec-Butylbenzene
 Concen: 0.00 ppbv
 RT: 19.74 min Scan# 2732
 Delta R.T. 0.33 min
 Lab File: VL025626.D
 Acq: 8 Jul 2015 3:15

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-070115DL

Tgt Ion: 105 Resp: 125
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.4 23.2#

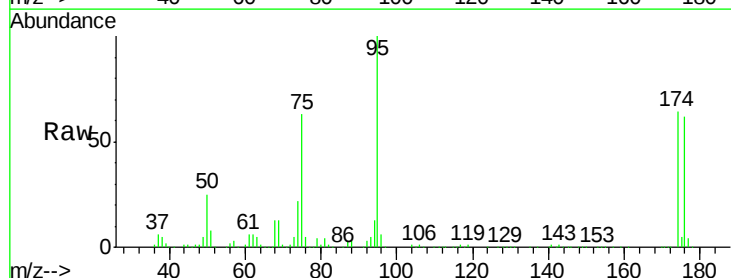


Abundance Ion 105.10 (104.80 to 105.80): V
 Ion 134.20 (133.90 to 134.90): V

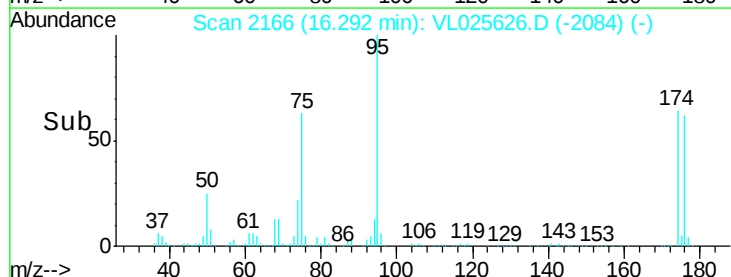
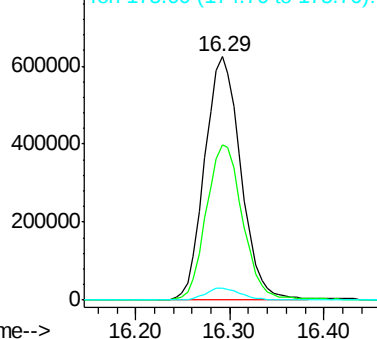


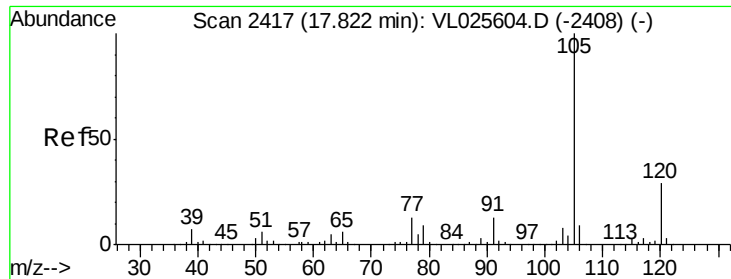
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.85 ppbv
 RT: 16.29 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VL025626.D
 Acq: 8 Jul 2015 3:15

Tgt Ion: 95 Resp: 1673552
 Ion Ratio Lower Upper
 95 100
 174 65.0 52.0 78.0
 175 4.9 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.00 ppbv

RT: 17.82 min Scan# 2416

Delta R.T. -0.01 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

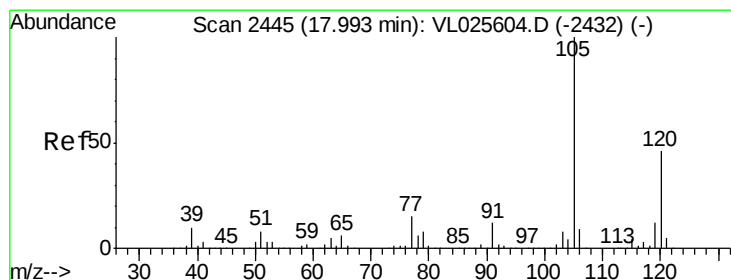
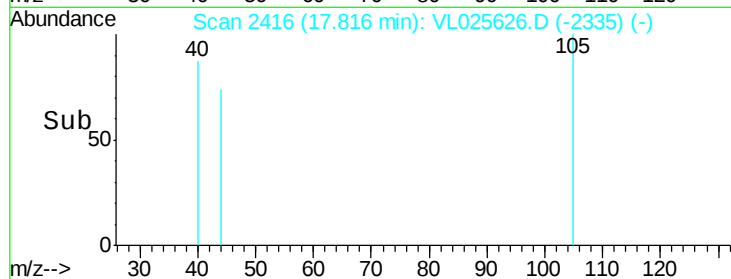
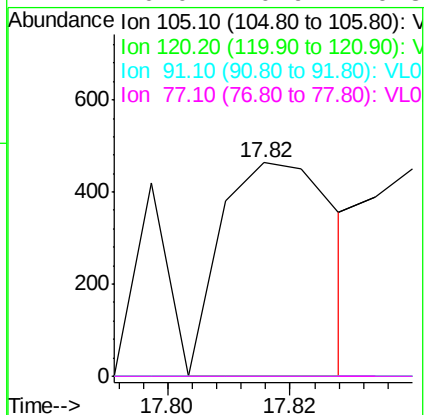
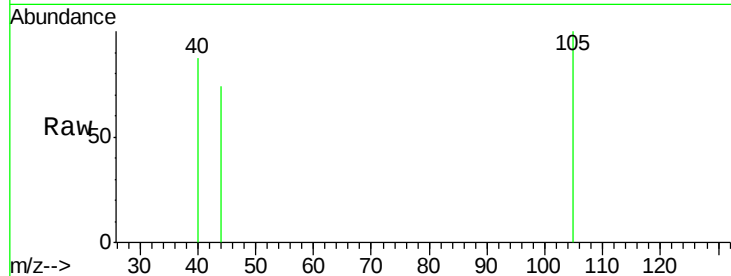
Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL

Tgt Ion:	105	Resp:	604
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.9	35.9#
91	0.0	10.3	15.5#
77	0.0	10.9	16.3#



#73

1,3,5-Trimethylbenzene

Concen: 0.00 ppbv

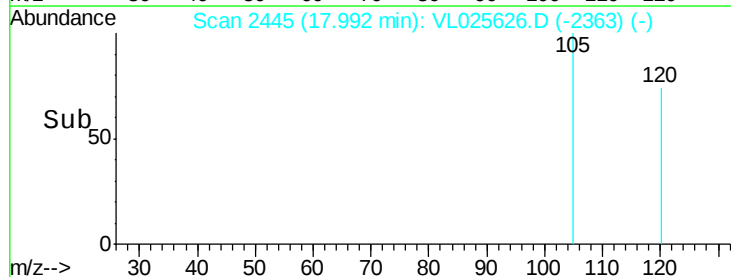
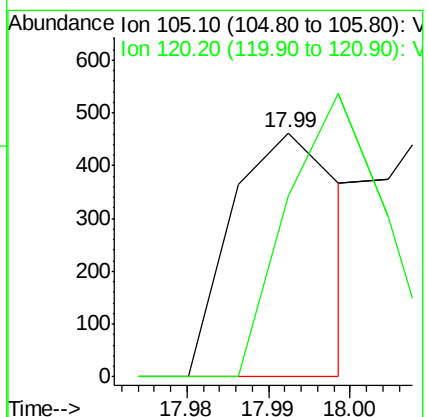
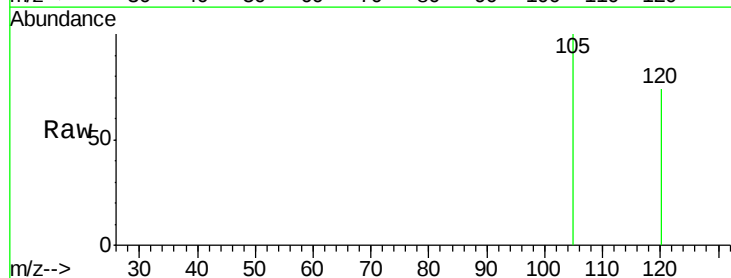
RT: 17.99 min Scan# 2445

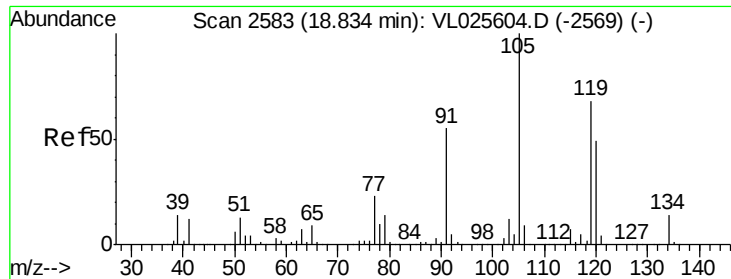
Delta R.T. -0.00 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

Tgt Ion:	105	Resp:	436
Ion	Ratio	Lower	Upper
105	100		
120	74.0	37.0	55.4#





#74

1,2,4-Trimethylbenzene

Concen: 0.01 ppbv

RT: 18.84 min Scan# 2584

Delta R.T. 0.01 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

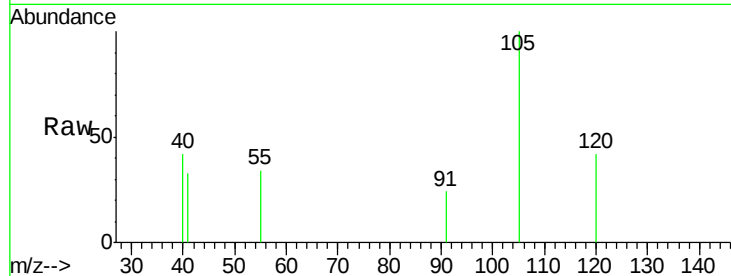
Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL

Tgt Ion:	105	Resp:	3043
Ion	Ratio	Lower	Upper
105	100		
120	42.1	39.3	58.9
91	24.4	43.8	65.6#
77	0.0	18.3	27.5#

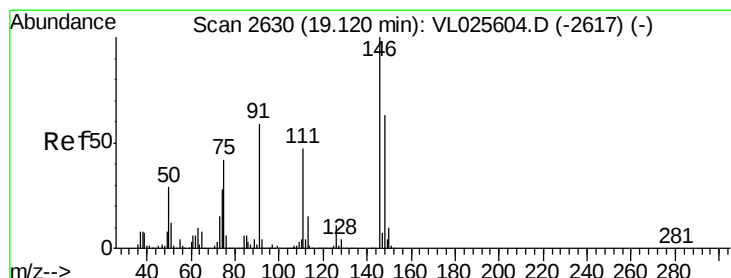
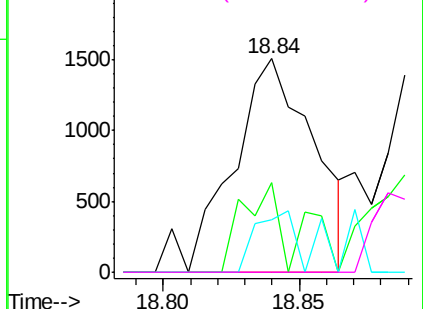
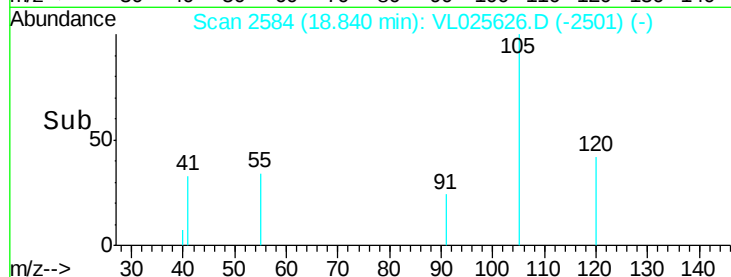


Abundance Ion 105.10 (104.80 to 105.80): V

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



#75

1,3-Dichlorobenzene

Concen: 0.00 ppbv

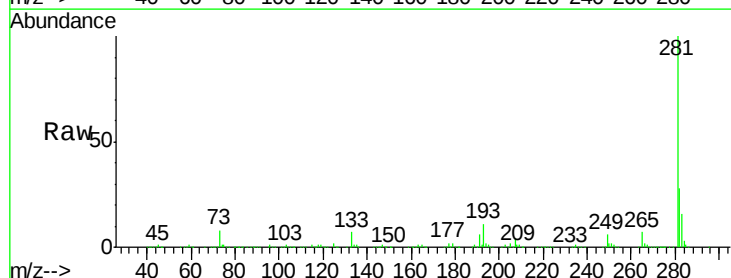
RT: 18.93 min Scan# 2599

Delta R.T. -0.19 min

Lab File: VL025626.D

Acq: 8 Jul 2015 3:15

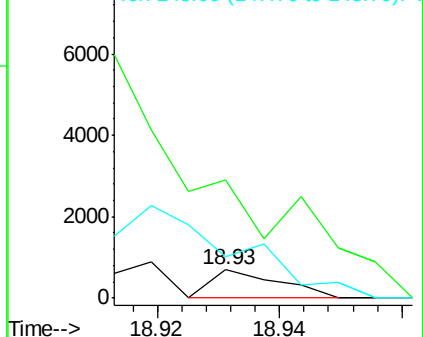
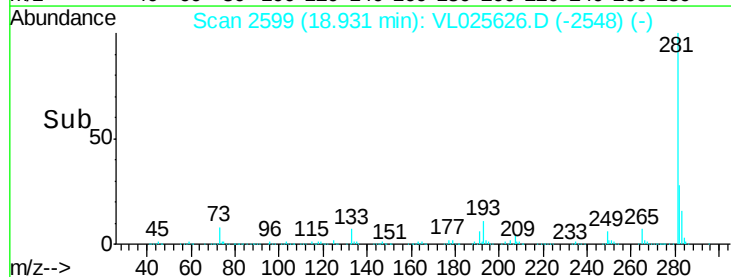
Tgt Ion:	146	Resp:	531
Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.7	68.1#
148	0.0	31.8	95.3#

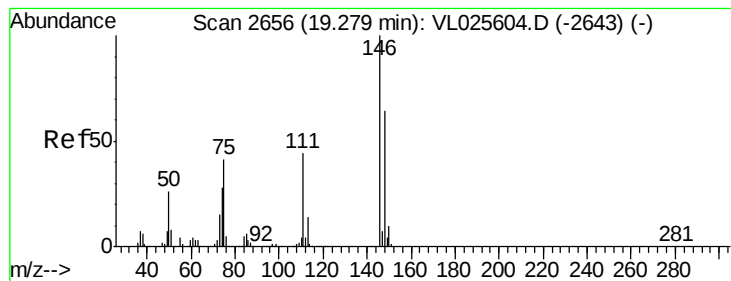


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#76

1,4-Dichlorobenzene

Concen: 0.00 ppbv

RT: 18.93 min Scan# 2599

Delta R.T. -0.35 min

Lab File: VL025626.D

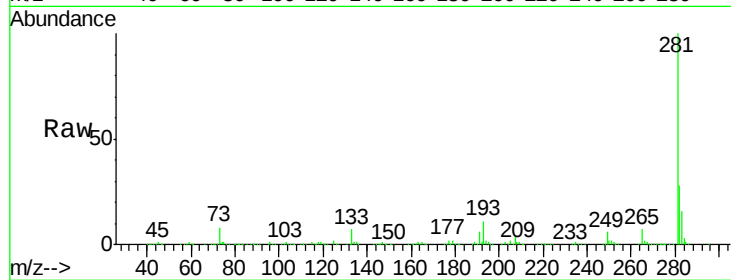
Acq: 8 Jul 2015 3:15

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-070115DL



Tgt Ion:	146	Resp:	531
Ion Ratio	Lower	Upper	
146	100		
111	0.0	22.1	66.1#
148	0.0	31.9	95.9#

