

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026188.D
 Acq On : 9 Oct 2015 22:54
 Operator : SY/MD
 Sample : G3973-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 10 00:15:22 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL100915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct 09 16:23:14 2015
 QLast Update : Fri Oct 09 16:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.66	49	776595	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	2222443	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	2515107	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	1973524	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

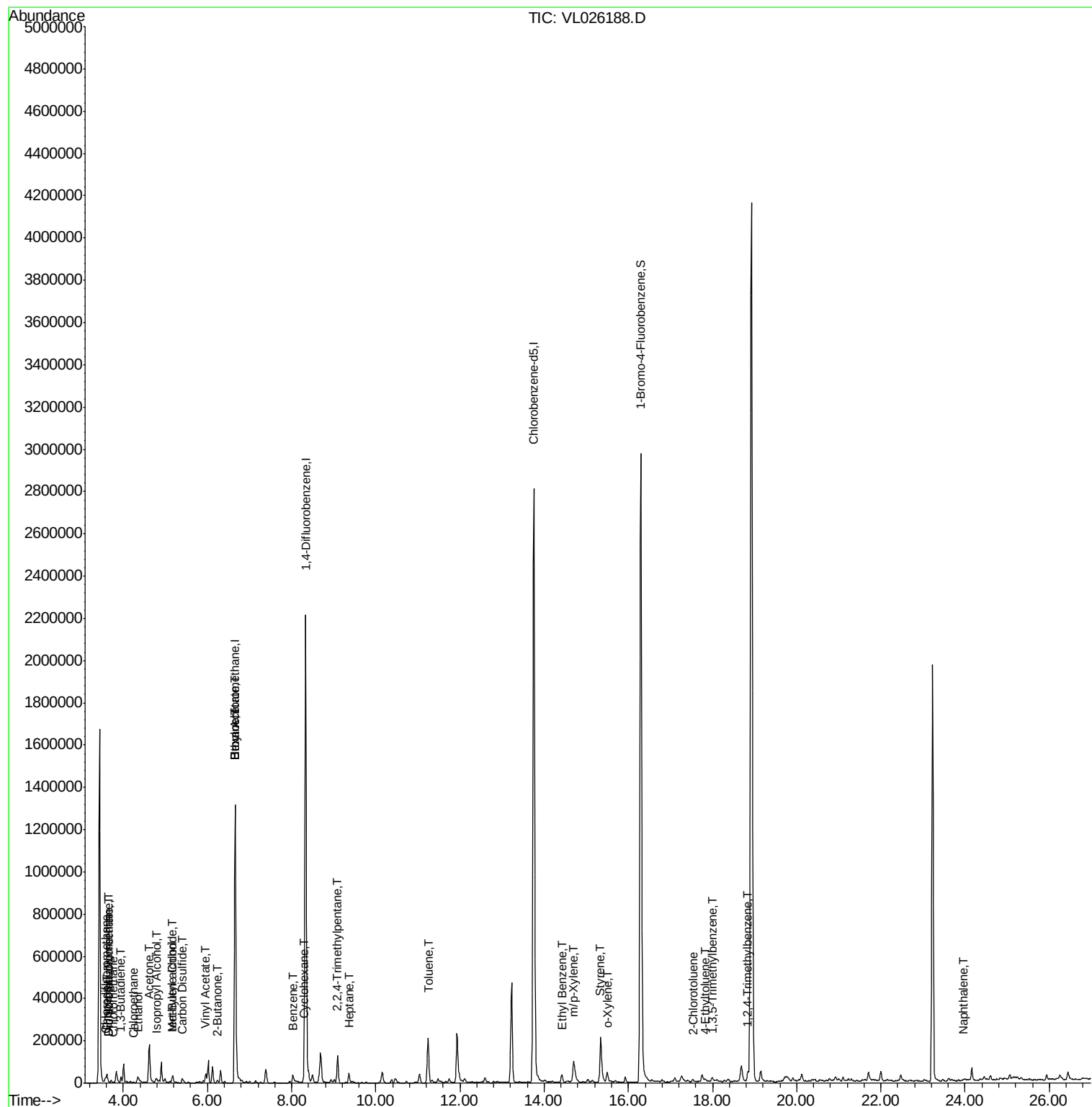
Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.65	85	6354	0.04	ppbv #	82
3) Chlorodifluoromethane	3.57	51	16389	0.18	ppbv #	85
4) Chloromethane	3.76	50	2993	0.06	ppbv #	75
7) Chloroethane	4.25	64	2355	0.11	ppbv	97
8) Dichlorotetrafluoroethane	3.65	85	6354	0.05	ppbv #	15
9) Propene	3.61	41	14506	0.35	ppbv #	80
10) Heptane	9.36	43	26041	0.18	ppbv	96
13) Ethanol	4.35	45	41890	6.84	ppbv	98
15) Acetone	4.62	43	191469	1.91	ppbv	98
16) 1,3-Butadiene	3.95	39	7012	0.15	ppbv #	26
17) tert-Butyl alcohol	5.18	59	12165	0.20	ppbv #	94
19) Isopropyl Alcohol	4.79	45	30304	0.78	ppbv #	94
20) Methylene Chloride	5.15	84	8226	0.19	ppbv	91
23) Vinyl Acetate	5.96	43	23513	0.13	ppbv #	1
25) Ethyl Acetate	6.67	43	30519	0.16	ppbv #	75
26) Hexane	6.67	57	39025	0.42	ppbv #	52
27) Carbon Disulfide	5.40	76	30746	0.27	ppbv #	87
30) Cyclohexane	8.29	84	14979	0.17	ppbv #	1
34) 2-Butanone	6.23	43	20405	0.16	ppbv	95
36) Benzene	8.03	78	35803	0.17	ppbv	95
44) 2,2,4-Trimethylpentane	9.09	57	138411	0.39	ppbv #	89
53) Toluene	11.24	91	197793	0.72	ppbv	98
58) Ethyl Benzene	14.43	91	46759	0.13	ppbv	98
59) m/p-Xylene	14.70	91	123188	0.42	ppbv	97
60) o-Xylene	15.51	91	46581	0.15	ppbv	98
61) Styrene	15.33	104	11565	0.09	ppbv	96
71) 2-Chlorotoluene	17.53	91	15472	0.05	ppbv #	43
72) 4-Ethyltoluene	17.83	105	17735	0.05	ppbv	92
73) 1,3,5-Trimethylbenzene	18.00	105	14138	0.05	ppbv	94
74) 1,2,4-Trimethylbenzene	18.84	105	41319	0.13	ppbv #	73
79) Naphthalene	23.95	128	8022	0.04	ppbv #	90

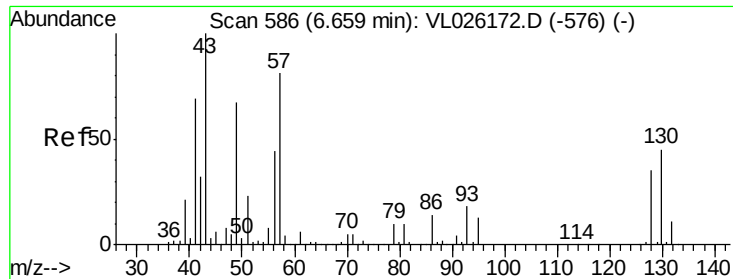
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Oct 09 16:23:14 2015
QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.66 min Scan# 586

Delta R.T. 0.00 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

Instrument :
MSVOA_L
ClientSampleId :

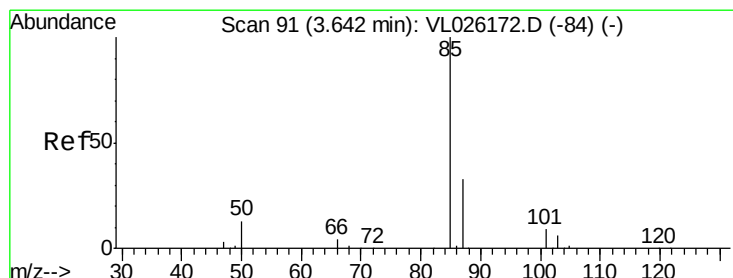
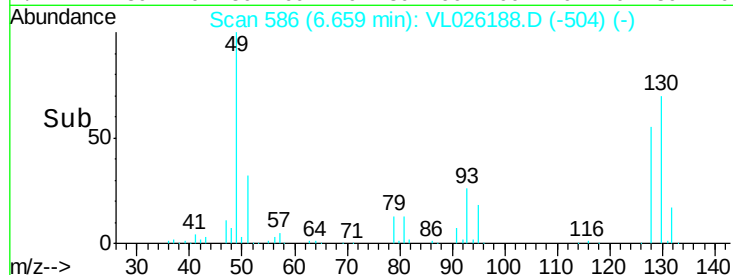
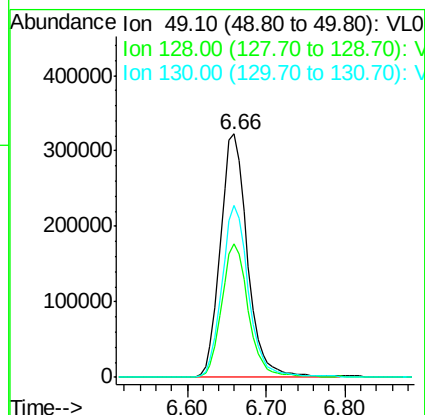
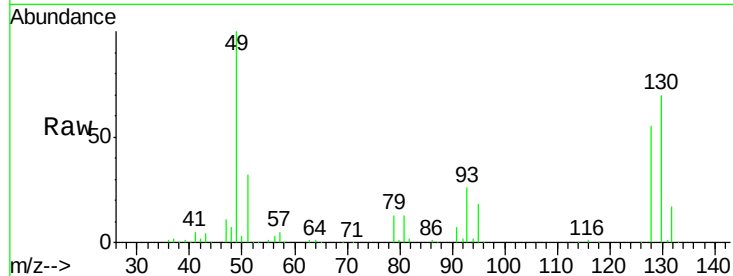
Tot Ion: 49 Resp: 776595

Ion Ratio Lower Upper

49 100

128 54.8 26.3 78.8

130 70.4 34.2 102.5



#2

Dichlorodifluoromethane

Concen: 0.04 ppbv

RT: 3.65 min Scan# 92

Delta R.T. 0.01 min

Lab File: VL026188.D

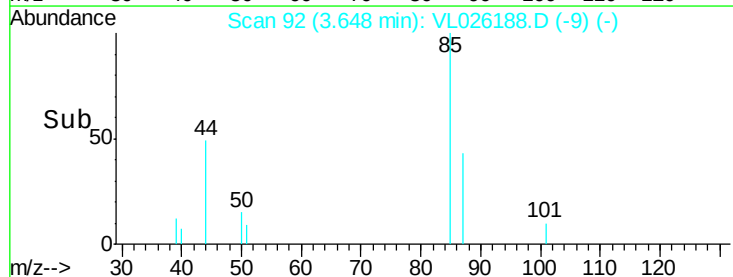
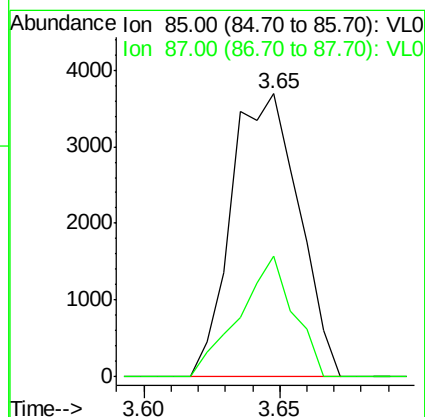
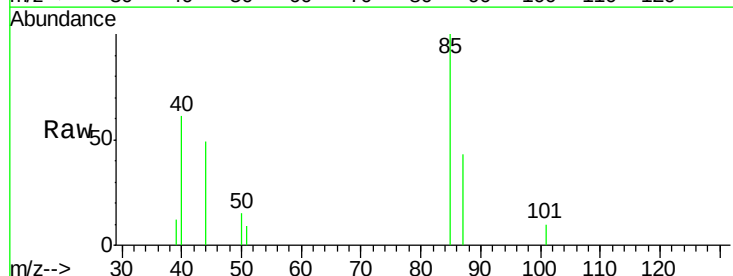
Acq: 9 Oct 2015 22:54

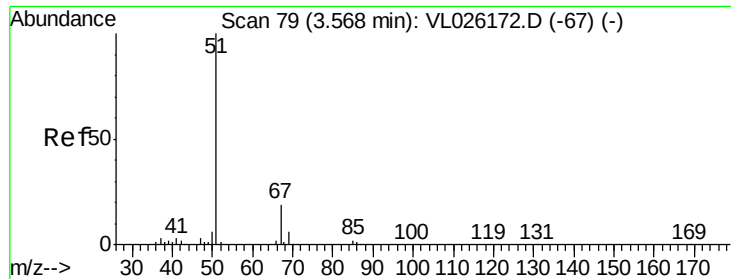
Tgt Ion: 85 Resp: 6354

Ion Ratio Lower Upper

85 100

87 42.8 26.2 39.4#





#3

Chlorodifluoromethane

Concen: 0.18 ppbv

RT: 3.57 min Scan# 80

Delta R.T. 0.01 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

Instrument :

MSVOA_L

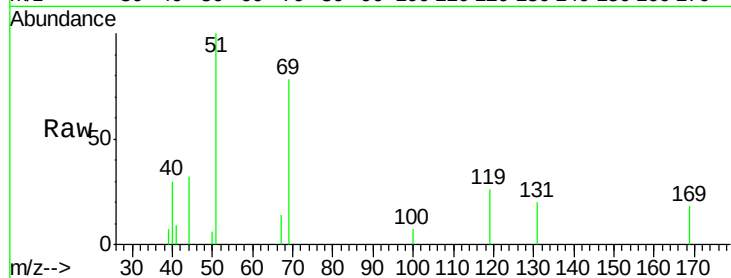
ClientSampleId :

Tot Ion: 51 Resp: 16389

Ion Ratio Lower Upper

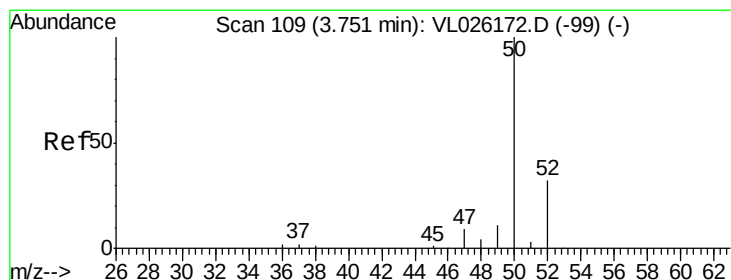
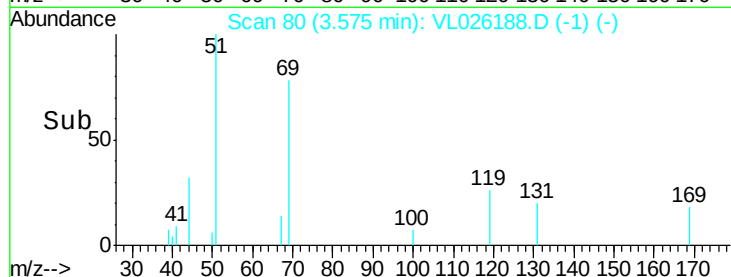
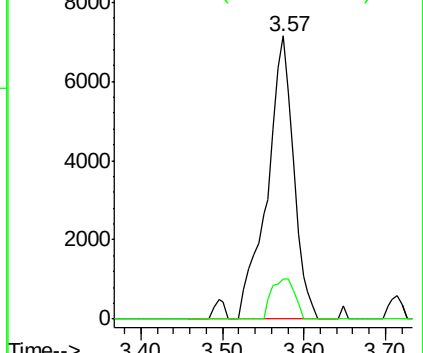
51 100

67 12.0 14.9 22.3#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.06 ppbv

RT: 3.76 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL026188.D

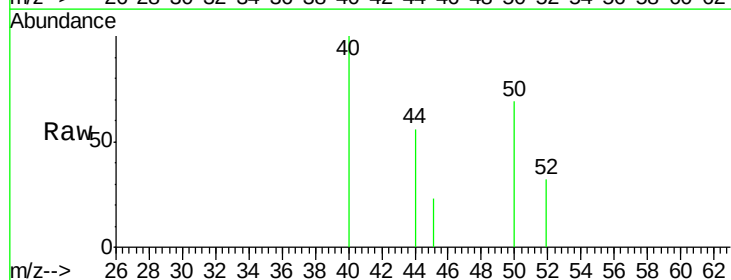
Acq: 9 Oct 2015 22:54

Tgt Ion: 50 Resp: 2993

Ion Ratio Lower Upper

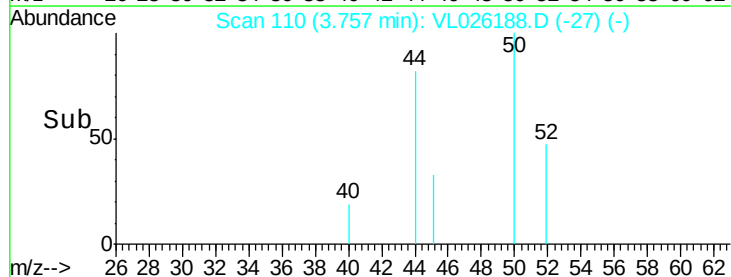
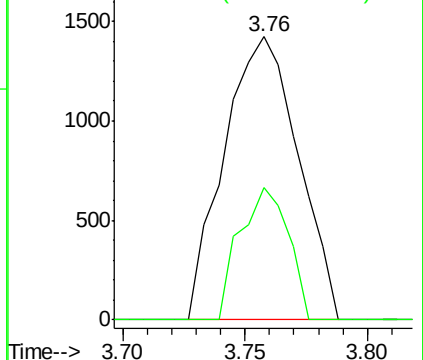
50 100

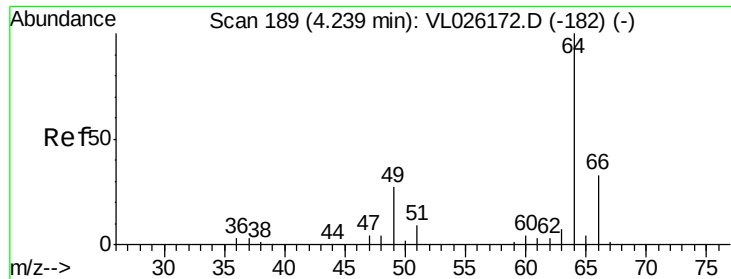
52 46.6 25.9 38.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.11 ppbv

RT: 4.25 min Scan# 190

Delta R.T. 0.01 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

Instrument :

MSVOA_L

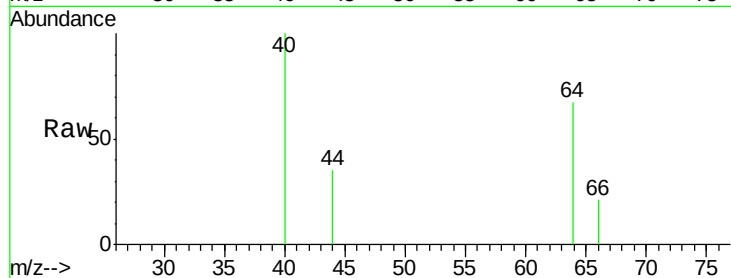
ClientSampleId :

Tot Ion: 64 Resp: 2355

Ion Ratio Lower Upper

64 100

66 31.5 26.5 39.7



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

4.25

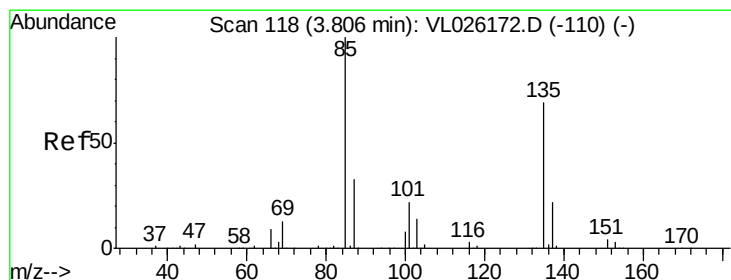
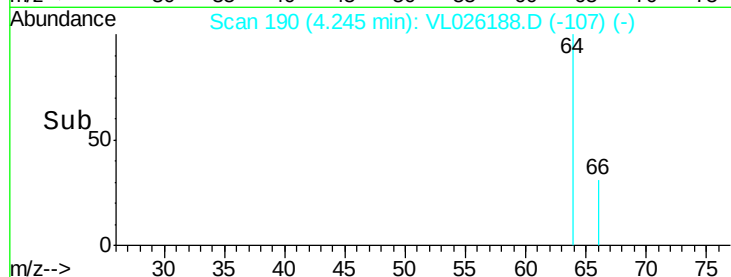
1500

1000

500

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 0.05 ppbv

RT: 3.65 min Scan# 92

Delta R.T. -0.16 min

Lab File: VL026188.D

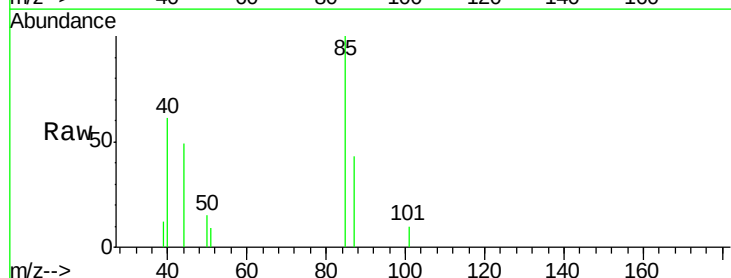
Acq: 9 Oct 2015 22:54

Tgt Ion: 85 Resp: 6354

Ion Ratio Lower Upper

85 100

135 0.0 55.3 82.9#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.65

4000

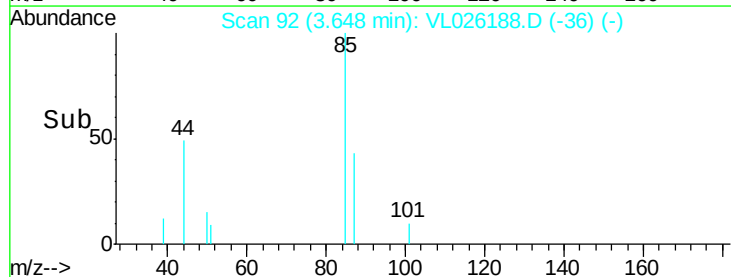
3000

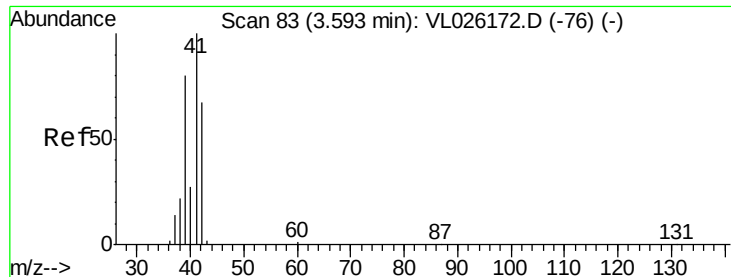
2000

1000

0

Time-->





#9

Propene

Concen: 0.35 ppbv

RT: 3.61 min Scan# 86

Delta R.T. 0.02 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

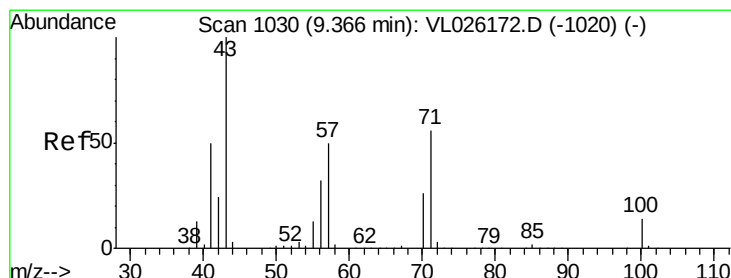
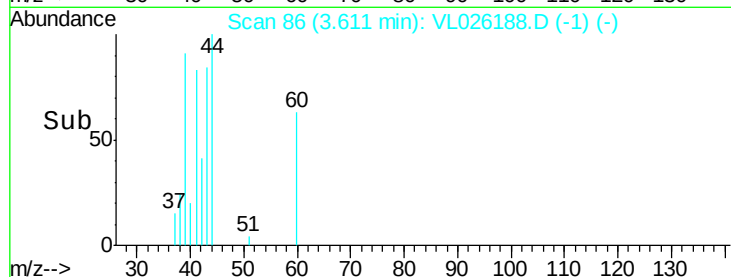
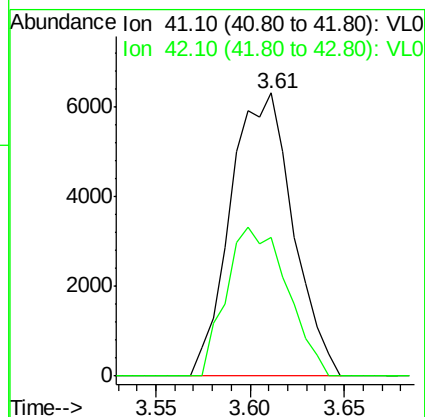
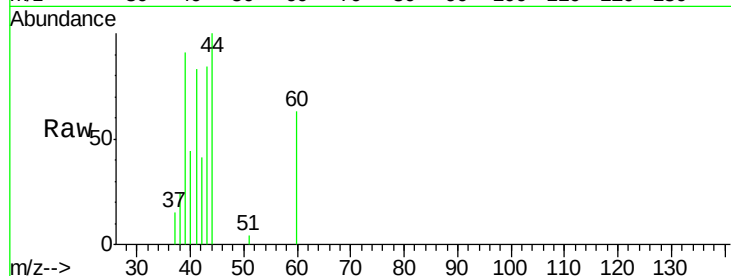
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 41 Resp: 14506

Ion Ratio Lower Upper

41 100

42 51.2 53.6 80.4#



#10

Heptane

Concen: 0.18 ppbv

RT: 9.36 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VL026188.D

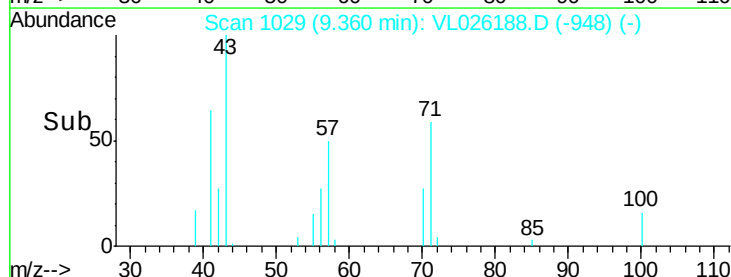
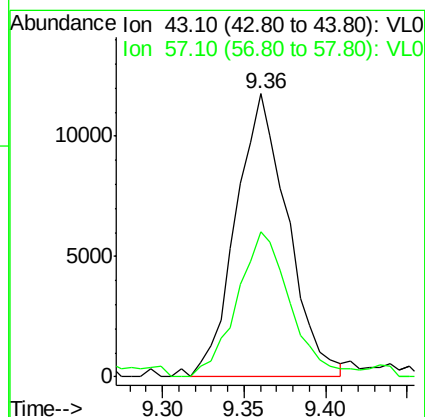
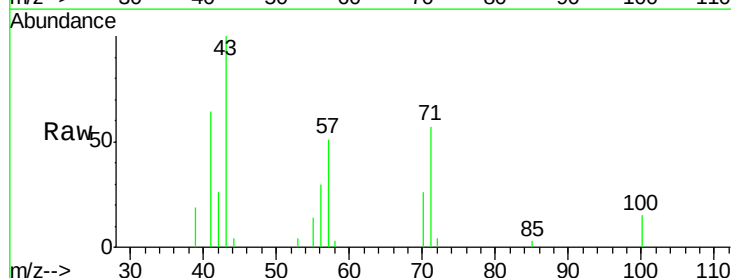
Acq: 9 Oct 2015 22:54

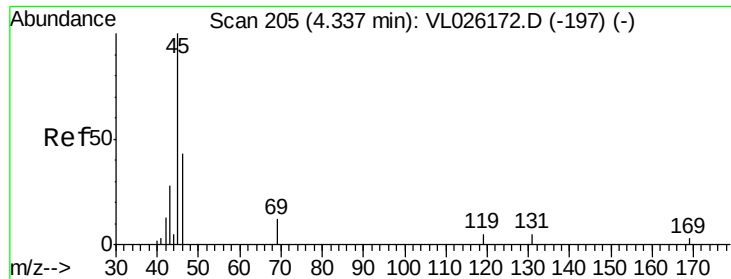
Tgt Ion: 43 Resp: 26041

Ion Ratio Lower Upper

43 100

57 54.9 41.8 62.8





#13

Ethanol

Concen: 6.84 ppbv

RT: 4.35 min Scan# 207

Delta R.T. 0.01 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

Instrument :

MSVOA_L

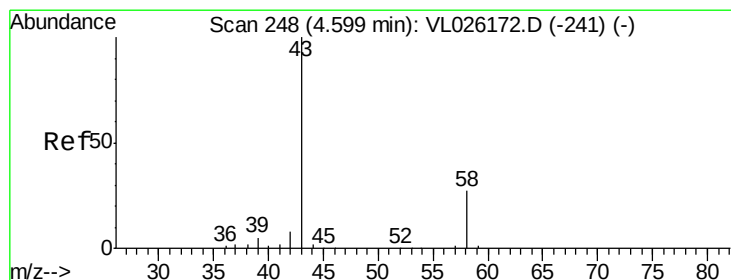
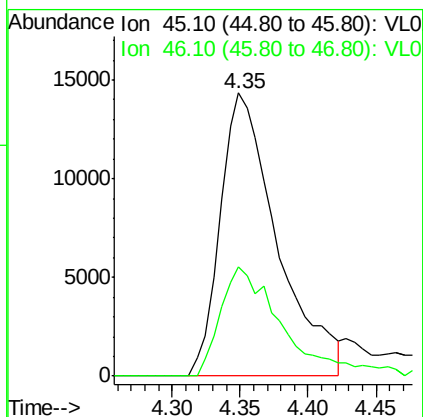
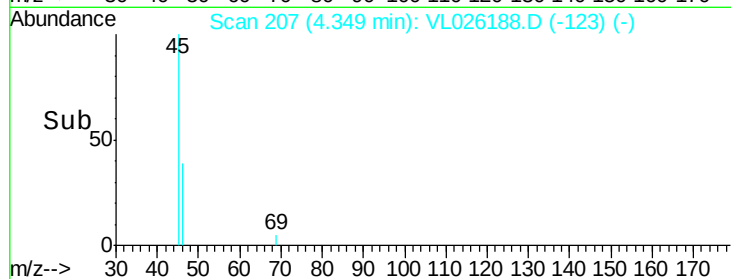
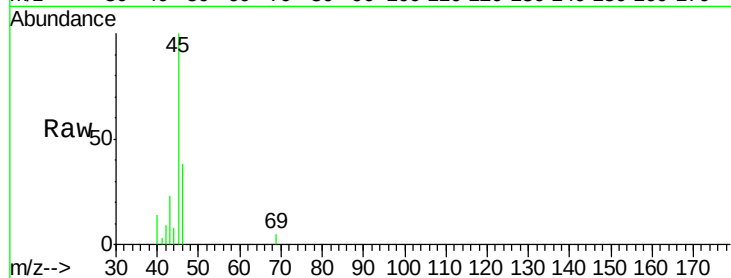
ClientSampleId :

Tot Ion: 45 Resp: 41890

Ion Ratio Lower Upper

45 100

46 44.1 18.1 72.5



#15

Acetone

Concen: 1.91 ppbv

RT: 4.62 min Scan# 252

Delta R.T. 0.02 min

Lab File: VL026188.D

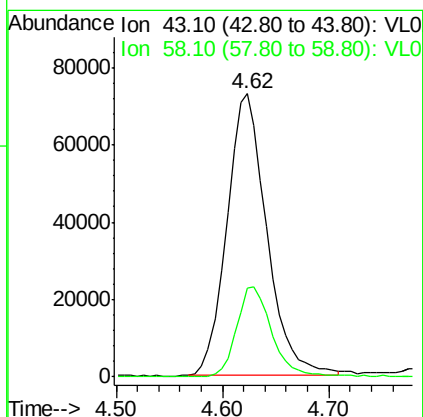
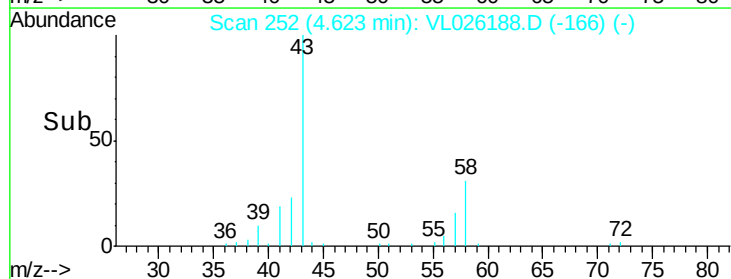
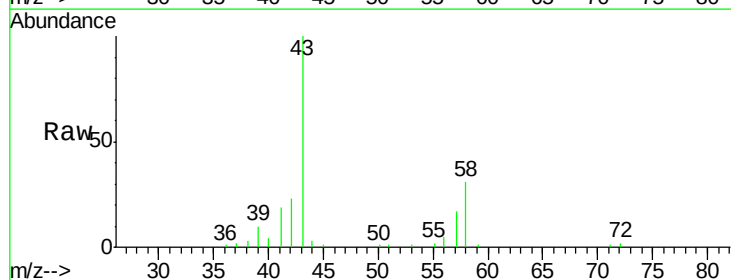
Acq: 9 Oct 2015 22:54

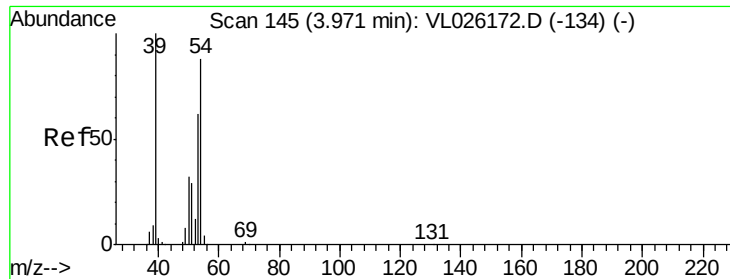
Tgt Ion: 43 Resp: 191469

Ion Ratio Lower Upper

43 100

58 28.6 22.0 33.0

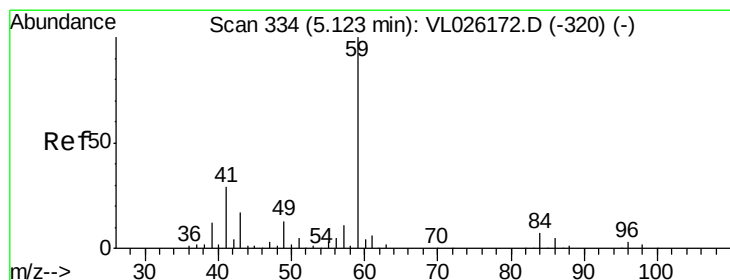
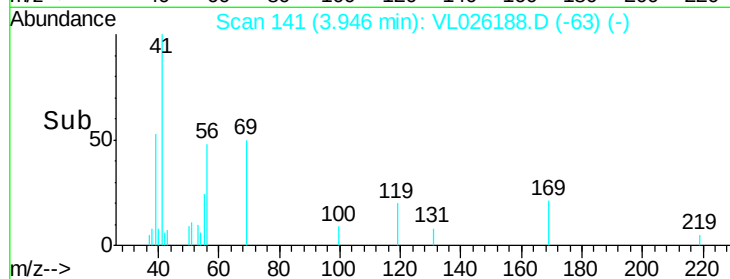
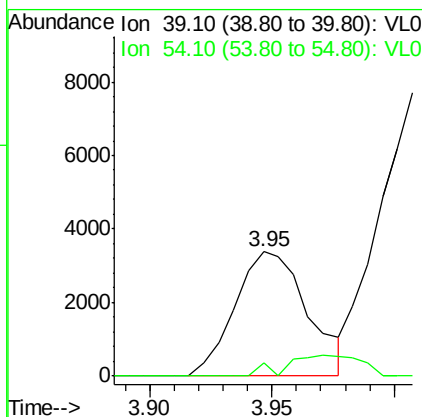
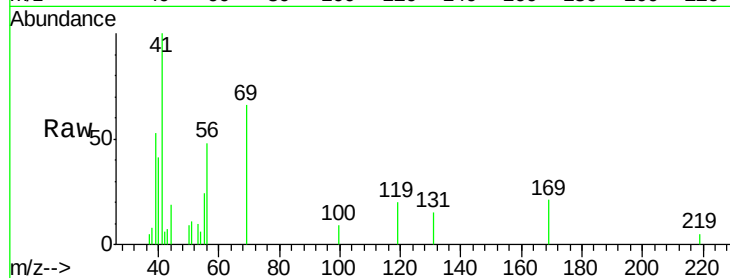




#16
1,3-Butadiene
Concen: 0.15 ppbv
RT: 3.95 min Scan# 141
Delta R.T. -0.02 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

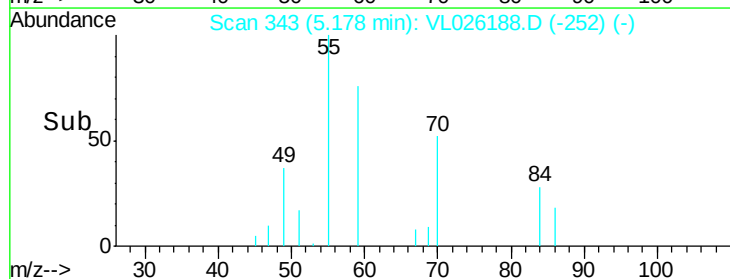
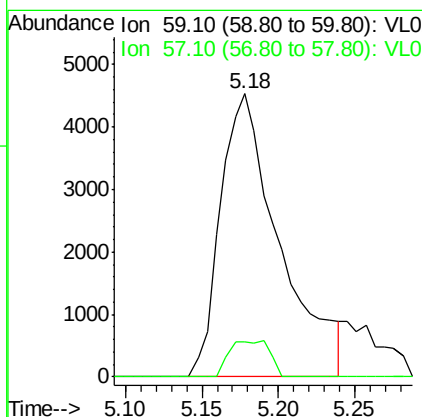
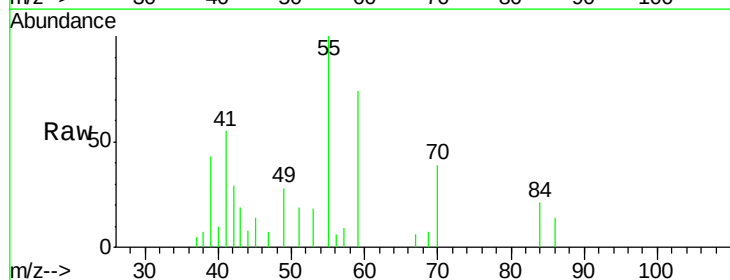
Instrument :
MSVOA_L
ClientSampleId :

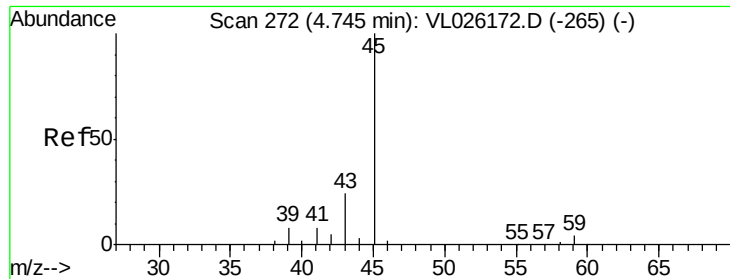
Tot Ion: 39 Resp: 7012
Ion Ratio Lower Upper
39 100
54 17.2 67.9 101.9#



#17
tert-Butyl alcohol
Concen: 0.20 ppbv
RT: 5.18 min Scan# 343
Delta R.T. 0.05 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Tgt Ion: 59 Resp: 12165
Ion Ratio Lower Upper
59 100
57 8.6 8.8 13.2#



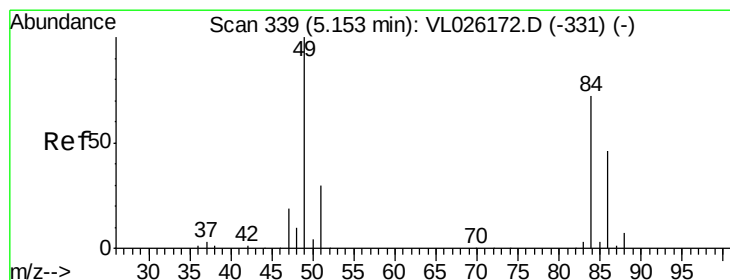
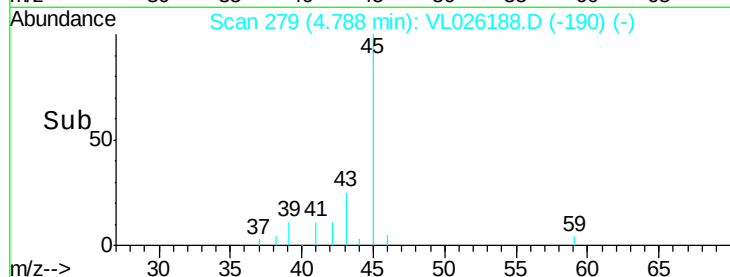
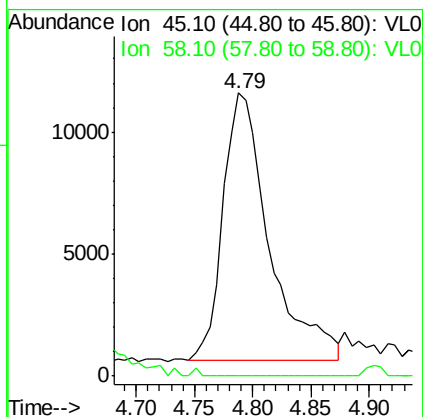
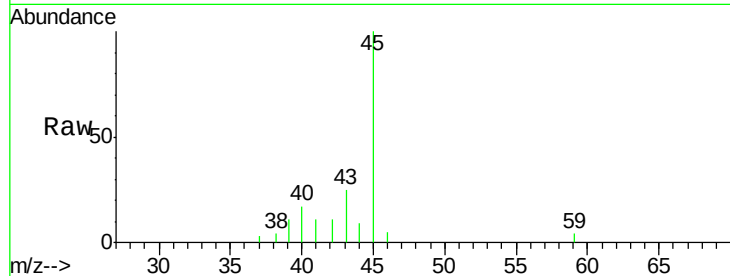


#19

Isopropyl Alcohol
 Concen: 0.78 ppbv
 RT: 4.79 min Scan# 279
 Delta R.T. 0.04 min
 Lab File: VL026188.D
 Acq: 9 Oct 2015 22:54

Instrument :
 MSVOA_L
 ClientSampled :

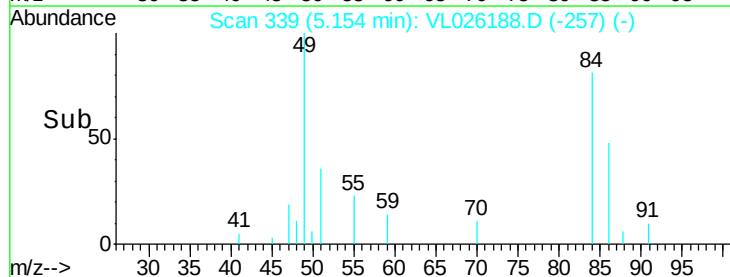
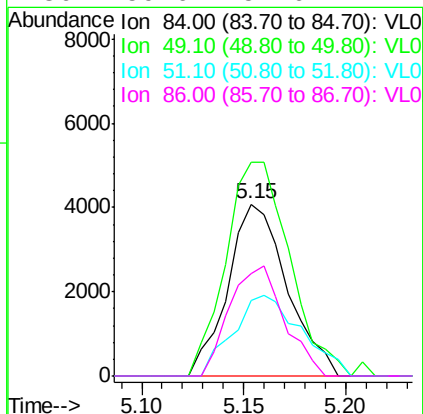
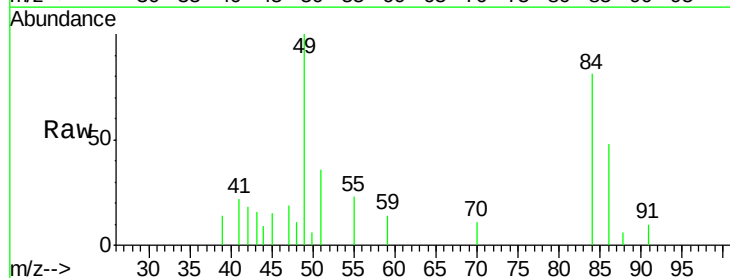
Tot Ion: 45 Resp: 30304
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.7 2.5#

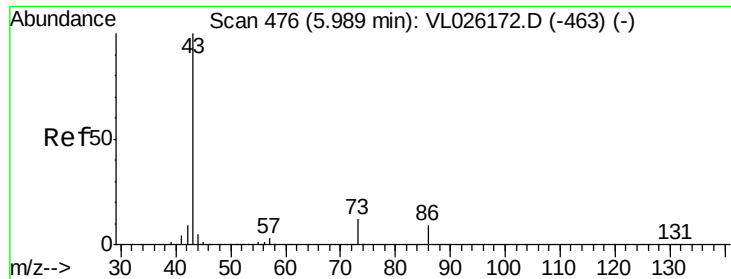


#20

Methylene Chloride
 Concen: 0.19 ppbv
 RT: 5.15 min Scan# 339
 Delta R.T. 0.00 min
 Lab File: VL026188.D
 Acq: 9 Oct 2015 22:54

Tgt Ion: 84 Resp: 8226
 Ion Ratio Lower Upper
 84 100
 49 124.2 111.3 166.9
 51 44.2 33.0 49.6
 86 59.6 51.6 77.4





#23

Vinyl Acetate

Concen: 0.13 ppbv

RT: 5.96 min Scan# 471

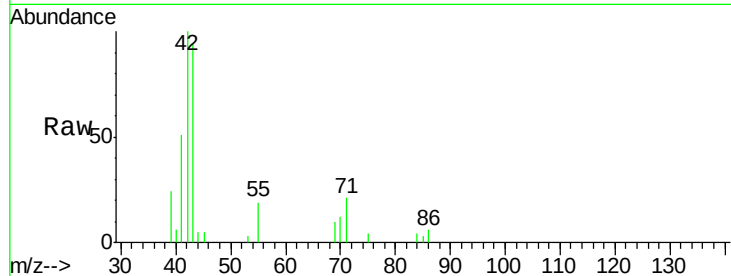
Delta R.T. -0.03 min

Lab File: VL026188.D

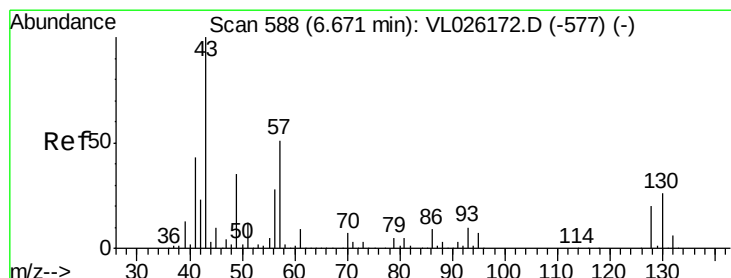
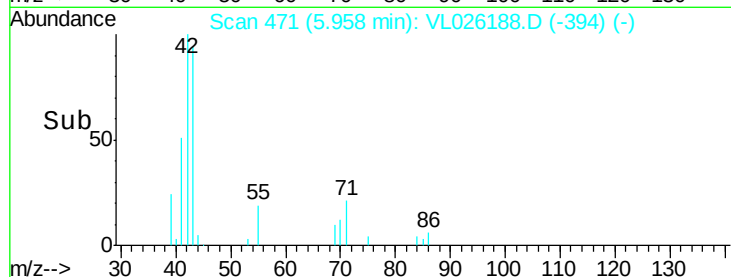
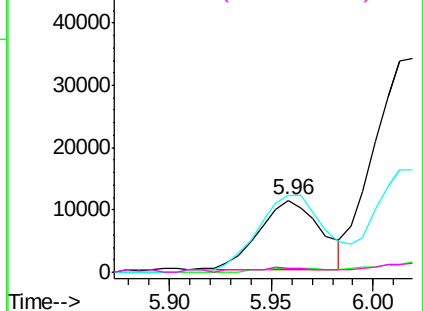
Acq: 9 Oct 2015 22:54

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	43	Resp:	23513
Ion	Ratio	Lower	Upper
43	100		
86	6.2	7.2	10.8#
42	106.9	7.4	11.2#
44	2.2	3.9	5.9#



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



#25

Ethyl Acetate

Concen: 0.16 ppbv

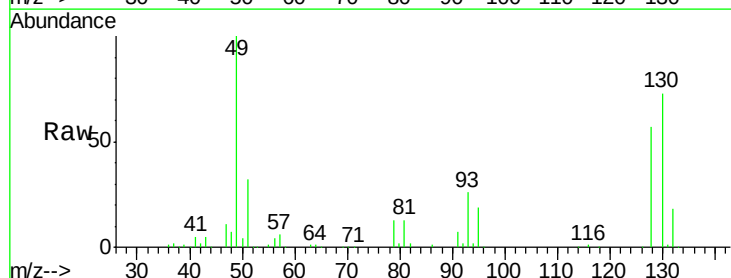
RT: 6.67 min Scan# 587

Delta R.T. -0.01 min

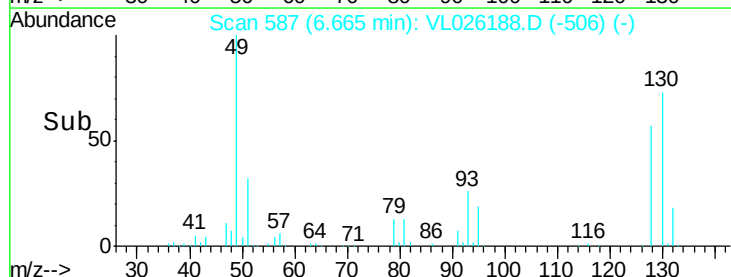
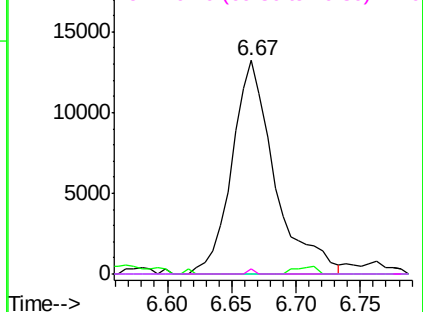
Lab File: VL026188.D

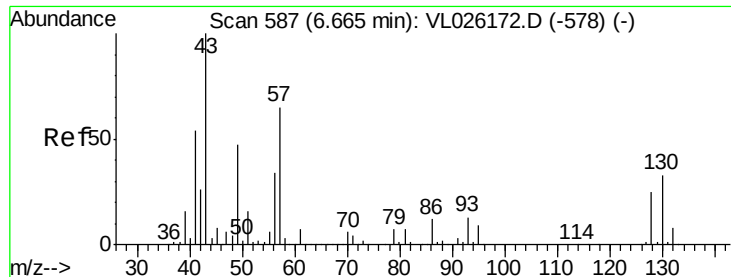
Acq: 9 Oct 2015 22:54

Tgt Ion:	43	Resp:	30519
Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.7	11.5#
61	0.0	7.4	11.2#
70	0.4	6.6	9.8#



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

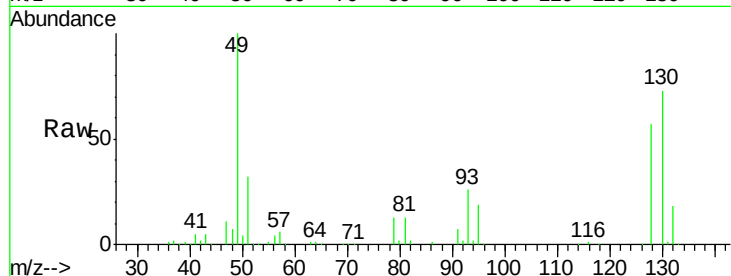




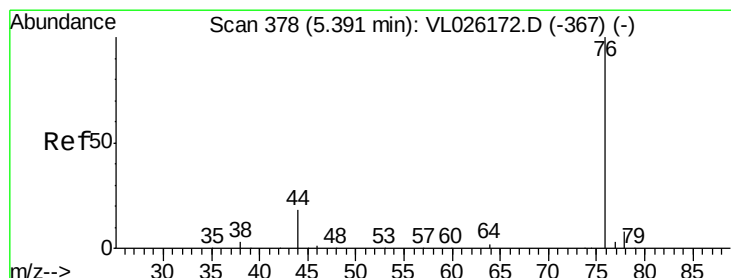
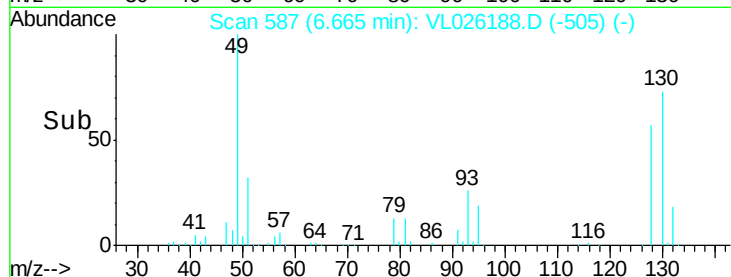
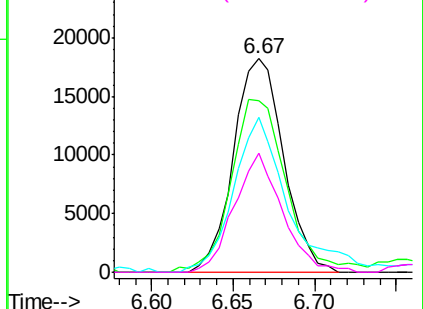
#26
Hexane
Concen: 0.42 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.00 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 39025
Ion Ratio Lower Upper
57 100
41 89.1 68.0 102.0
43 83.7 164.4 246.6#
56 53.3 42.7 64.1

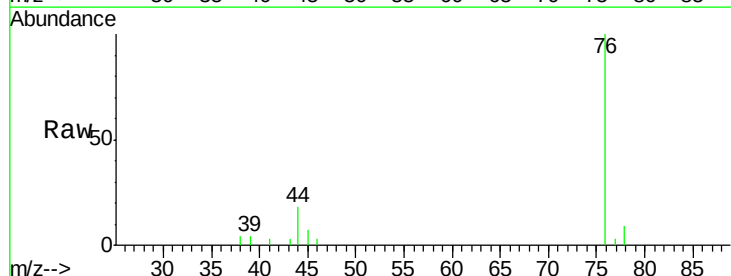


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

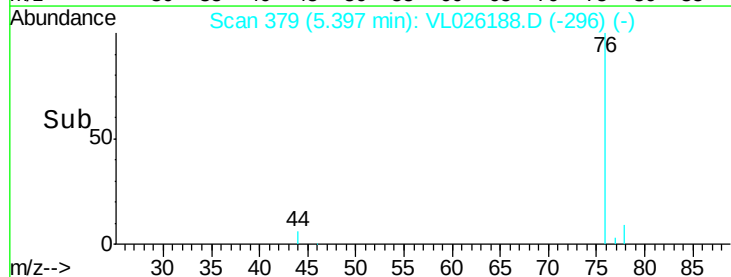
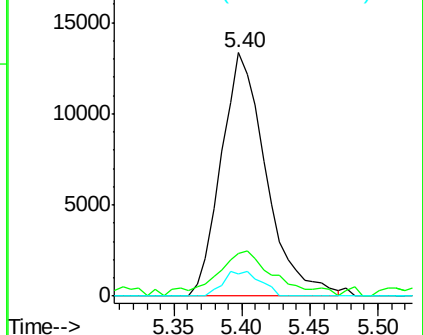


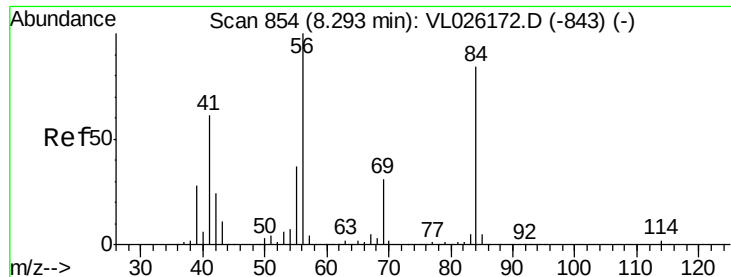
#27
Carbon Disulfide
Concen: 0.27 ppbv
RT: 5.40 min Scan# 379
Delta R.T. 0.01 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Tgt Ion: 76 Resp: 30746
Ion Ratio Lower Upper
76 100
44 25.6 14.2 21.4#
78 8.4 7.5 11.3



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

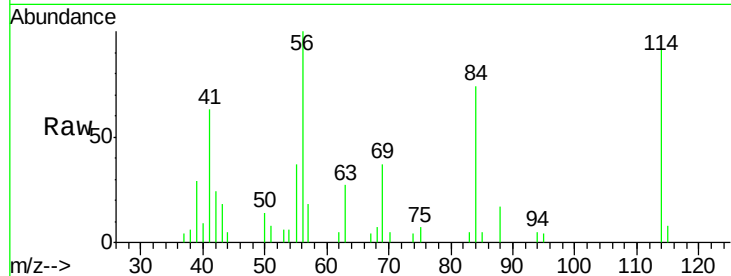




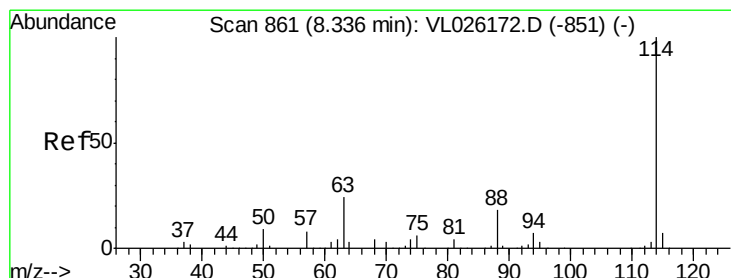
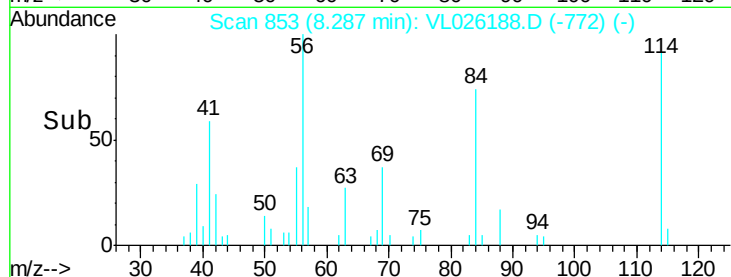
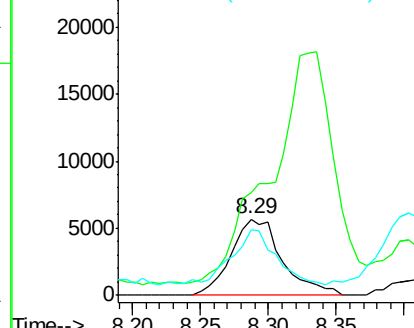
#30
Cvclohexane
Concen: 0.17 ppbv
RT: 8.29 min Scan# 853
Delta R.T. -0.01 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 14979
Ion Ratio Lower Upper
84 100
56 470.5 99.8 149.8#
41 86.8 58.1 87.1

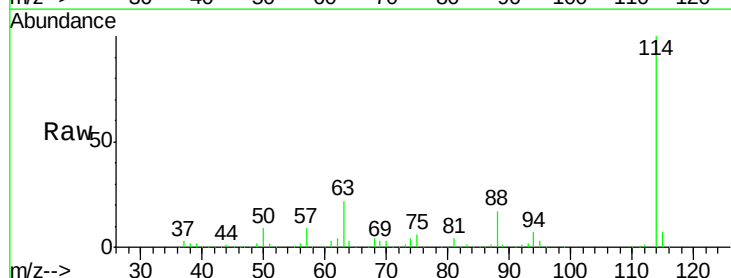


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

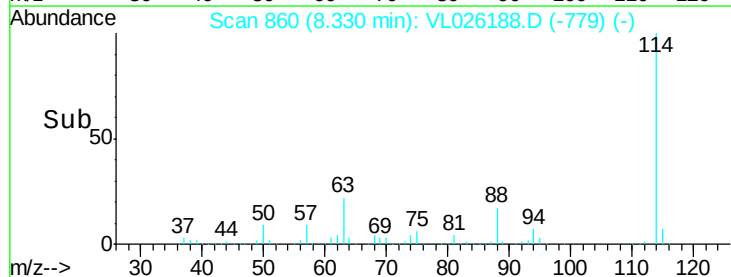
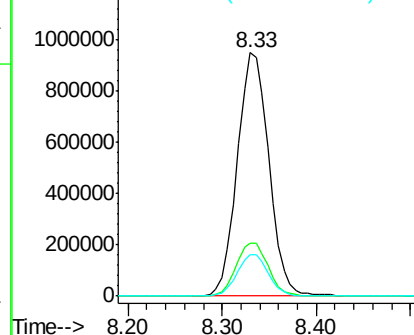


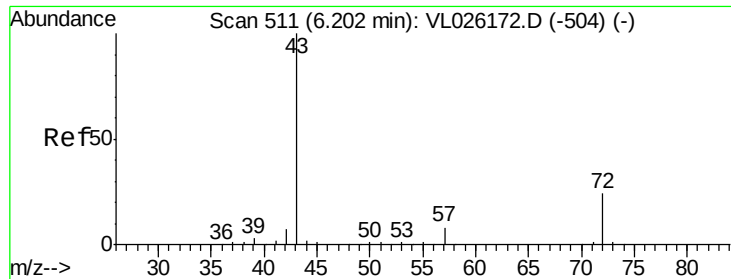
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.33 min Scan# 860
Delta R.T. -0.01 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Tgt Ion: 114 Resp: 2222443
Ion Ratio Lower Upper
114 100
63 22.1 19.0 28.6
88 17.1 13.8 20.8



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

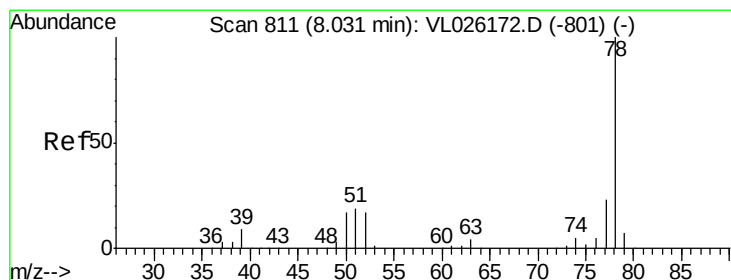
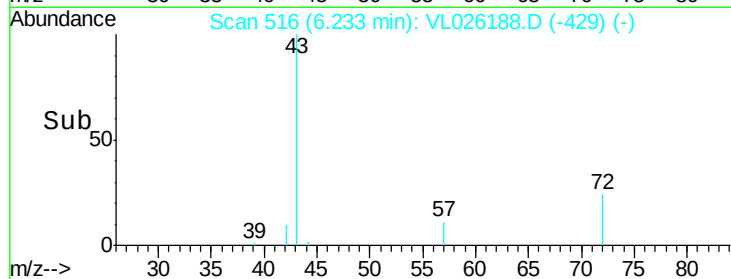
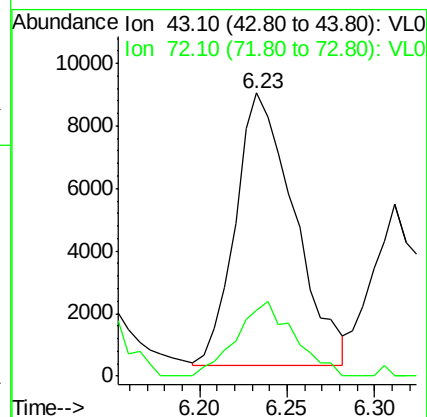
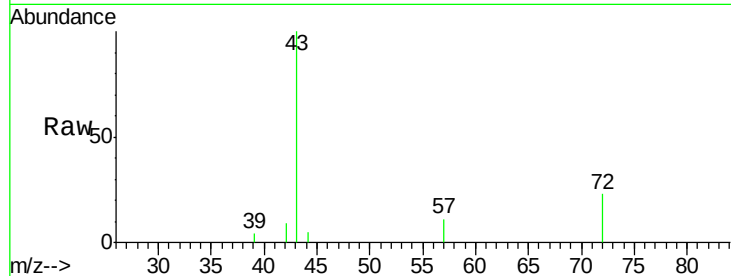




#34
2-Butanone
Concen: 0.16 ppbv
RT: 6.23 min Scan# 516
Delta R.T. 0.03 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

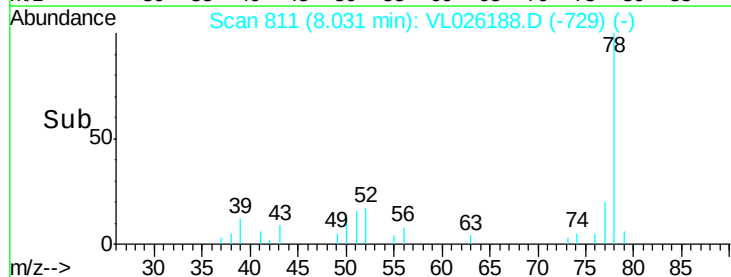
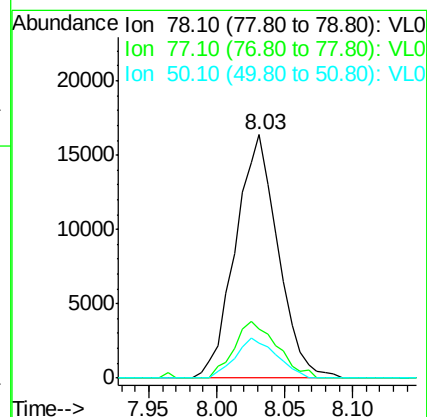
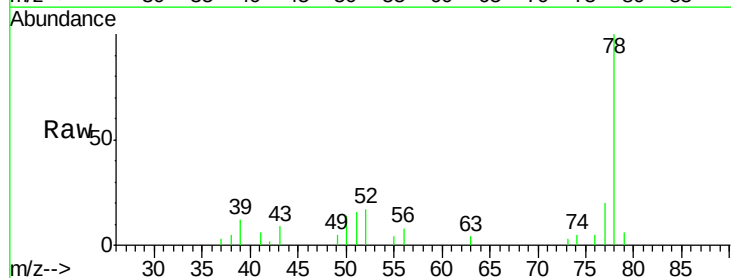
Instrument :
MSVOA_L
ClientSampleId :

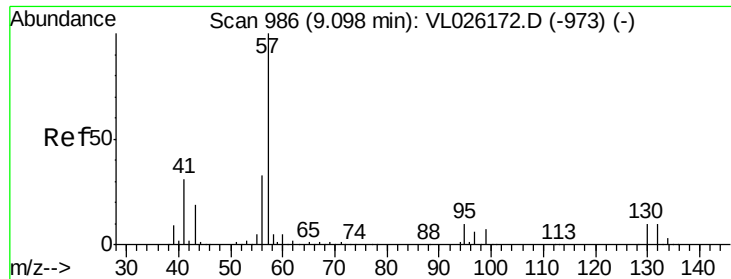
Tot Ion: 43 Resp: 20405
Ion Ratio Lower Upper
43 100
72 27.0 19.6 29.4



#36
Benzene
Concen: 0.17 ppbv
RT: 8.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Tgt Ion: 78 Resp: 35803
Ion Ratio Lower Upper
78 100
77 20.1 18.2 27.4
50 14.5 13.4 20.2

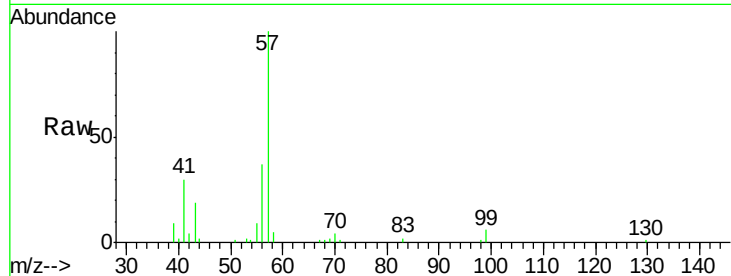




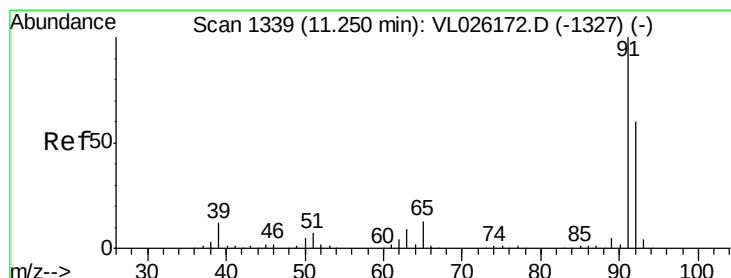
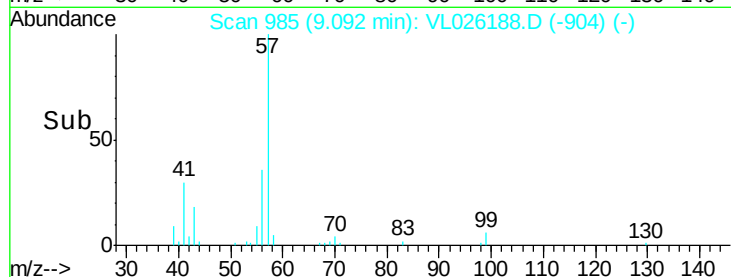
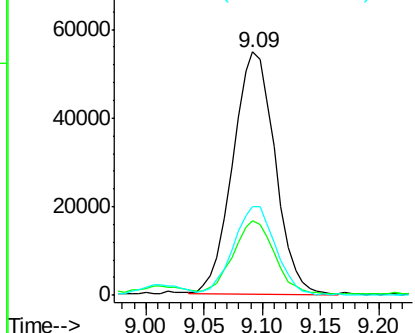
#44
 2,2,4-Trimethylpentane
 Concen: 0.39 ppbv
 RT: 9.09 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VL026188.D
 Acq: 9 Oct 2015 22:54

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 57 Resp: 138411
 Ion Ratio Lower Upper
 57 100
 41 32.9 23.7 35.5
 56 41.5 26.4 39.6#

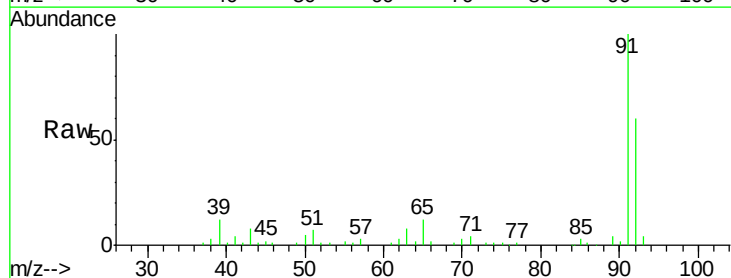


Abundance Ion 57.10 (56.80 to 57.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 56.10 (55.80 to 56.80): VL0

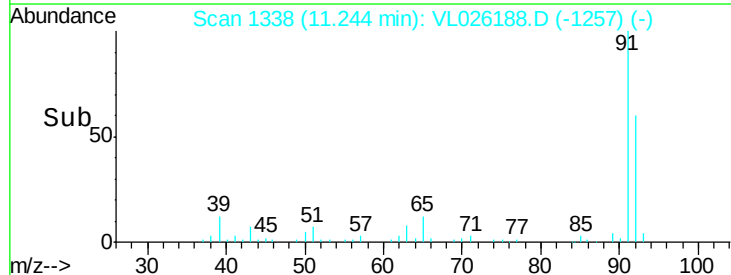
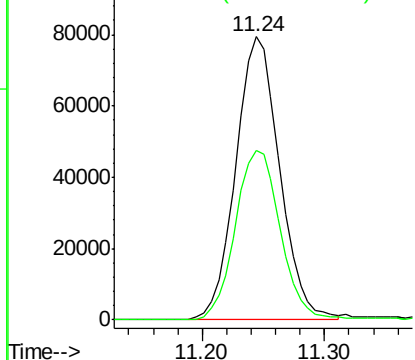


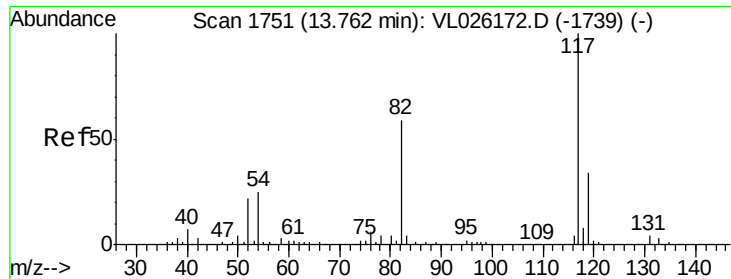
#53
 Toluene
 Concen: 0.72 ppbv
 RT: 11.24 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: VL026188.D
 Acq: 9 Oct 2015 22:54

Tgt Ion: 91 Resp: 197793
 Ion Ratio Lower Upper
 91 100
 92 61.8 48.5 72.7



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0

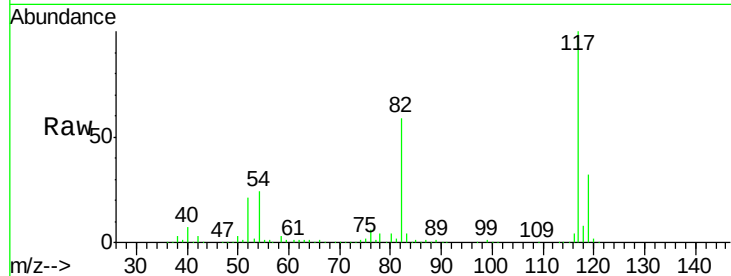




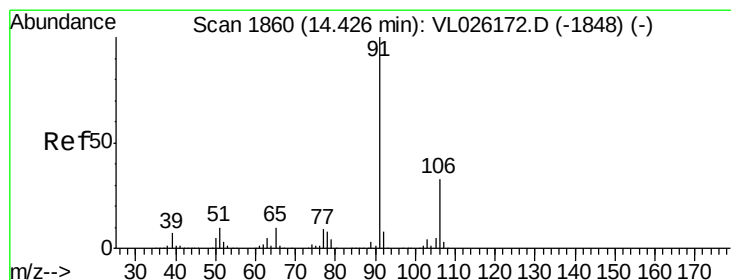
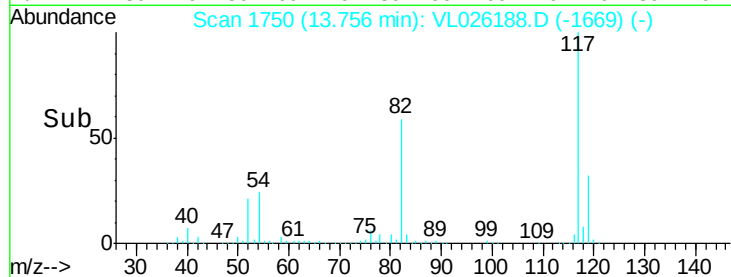
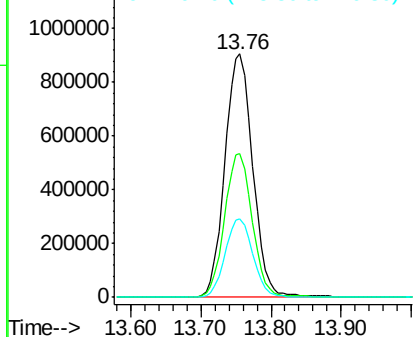
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2515107
Ion Ratio Lower Upper
117 100
82 0.0 47.7 71.5#
119 32.3 43.7 65.5#

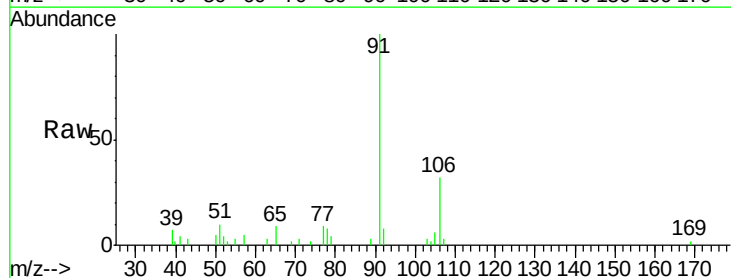


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

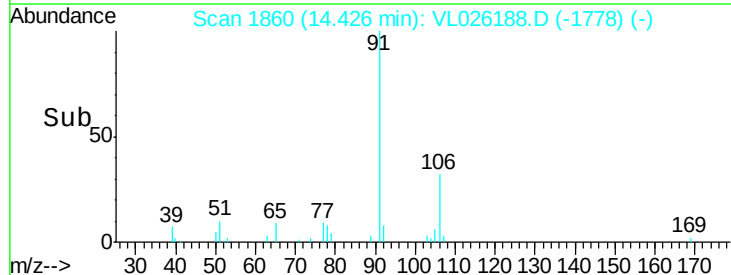
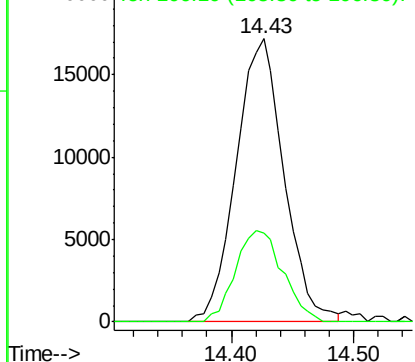


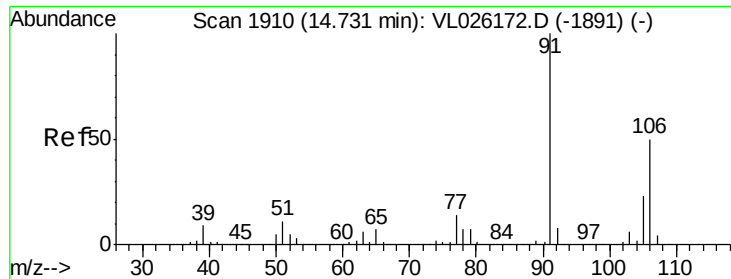
#58
Ethyl Benzene
Concen: 0.13 ppbv
RT: 14.43 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Tgt Ion: 91 Resp: 46759
Ion Ratio Lower Upper
91 100
106 31.6 26.1 39.1



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

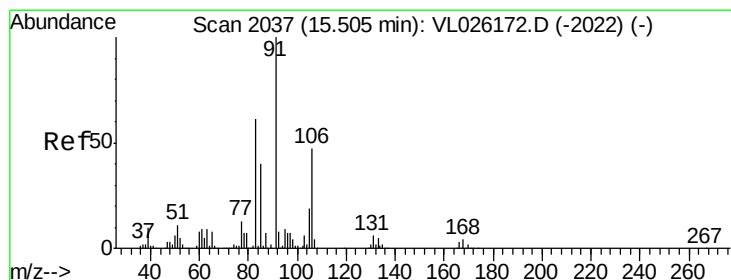
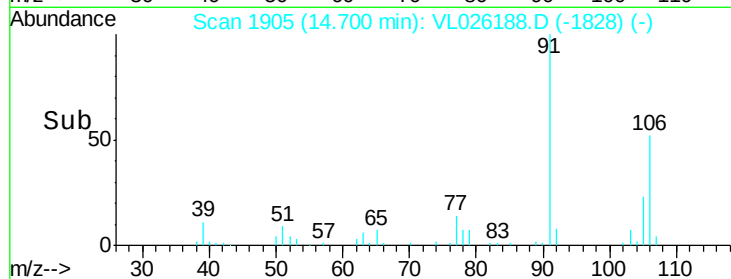
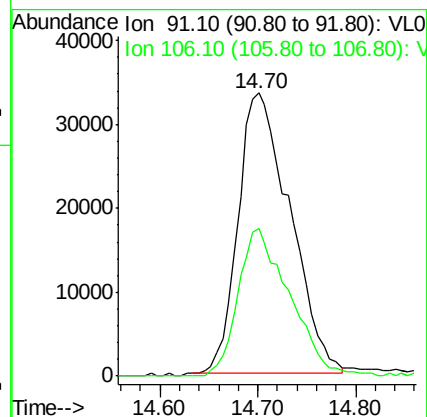
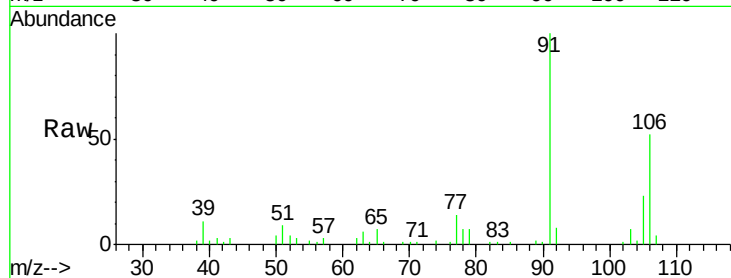




#59
m/p-Xylene
Concen: 0.42 ppbv
RT: 14.70 min Scan# 1905
Delta R.T. -0.03 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

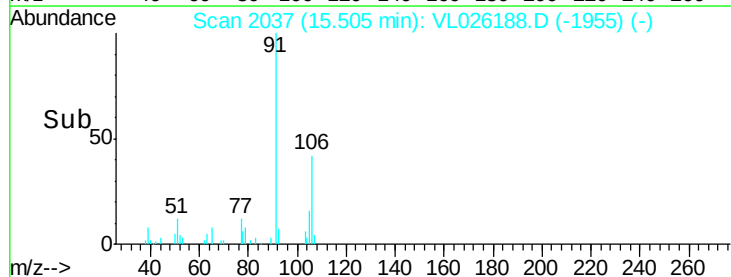
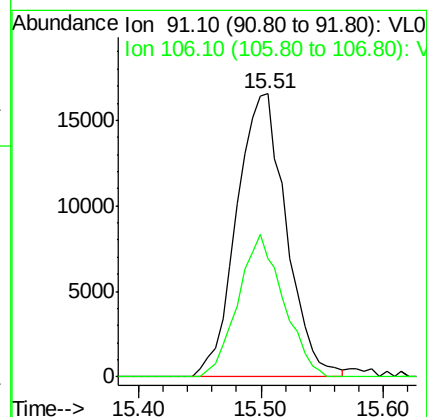
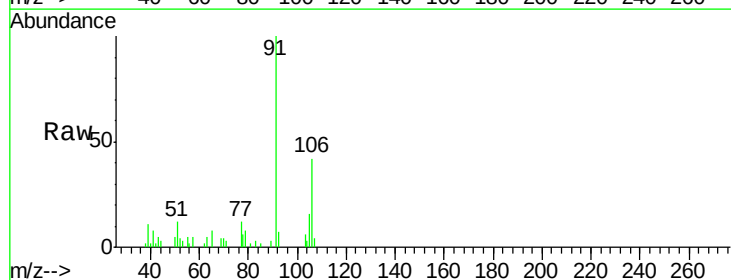
Instrument :
MSVOA_L
ClientSampleId :

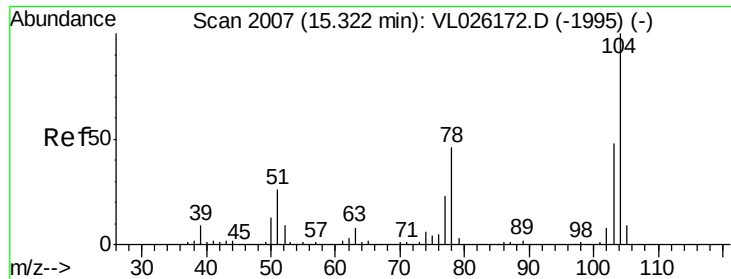
Tot Ion: 91 Resp: 123188
Ion Ratio Lower Upper
91 100
106 52.5 40.2 60.4



#60
o-Xylene
Concen: 0.15 ppbv
RT: 15.51 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VL026188.D
Acq: 9 Oct 2015 22:54

Tgt Ion: 91 Resp: 46581
Ion Ratio Lower Upper
91 100
106 45.8 23.4 70.3





#61

Stvrene

Concen: 0.09 ppbv

RT: 15.33 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

Instrument :

MSVOA_L

ClientSampleId :

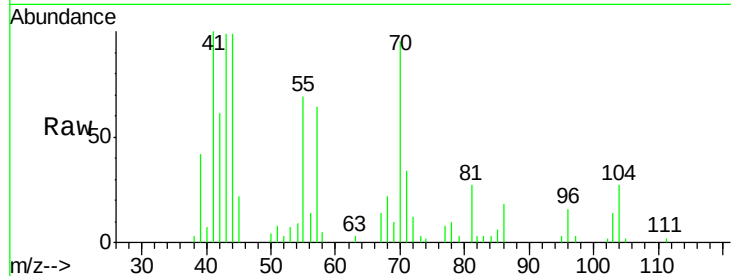
Tot Ion:104 Resp: 11565

Ion Ratio Lower Upper

104 100

78 40.4 36.1 54.1

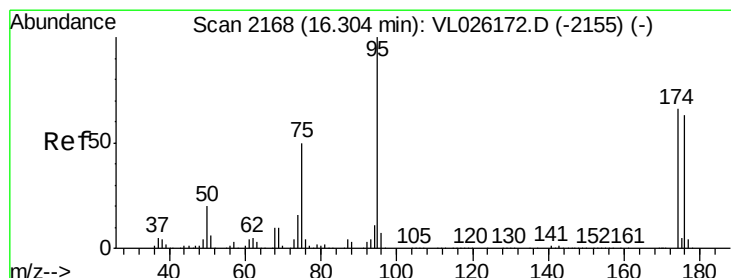
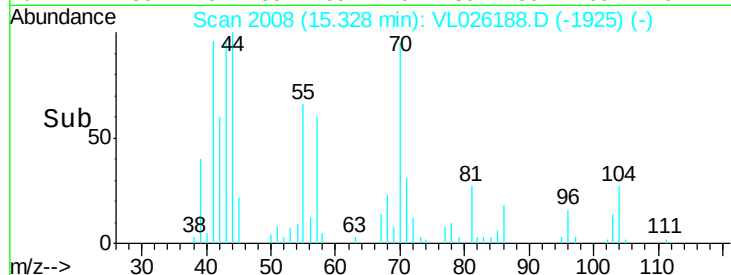
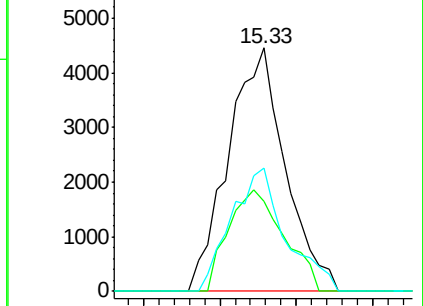
103 48.0 37.5 56.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.22 ppbv

RT: 16.30 min Scan# 2167

Delta R.T. -0.01 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

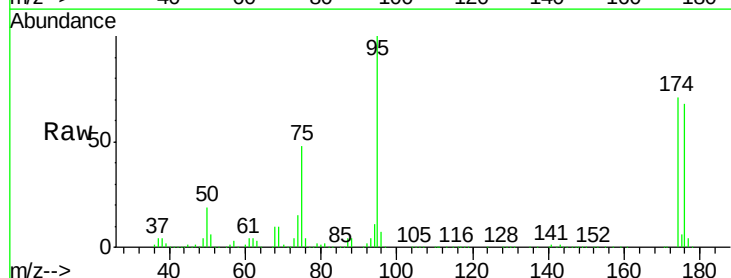
Tgt Ion: 95 Resp: 1973524

Ion Ratio Lower Upper

95 100

174 69.3 52.2 78.4

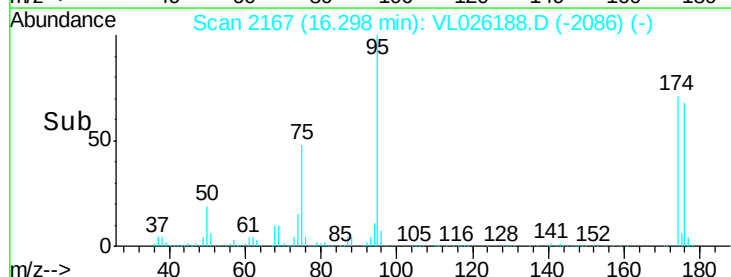
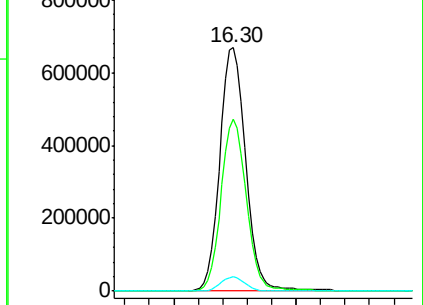
175 5.4 3.9 5.9

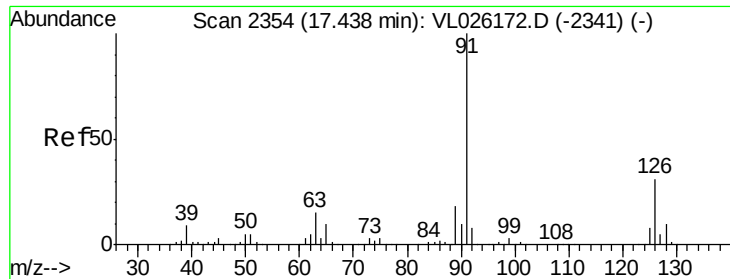


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#71

2-Chlorotoluene

Concen: 0.05 ppbv

RT: 17.53 min Scan# 2369

Delta R.T. 0.09 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

Instrument :

MSVOA_L

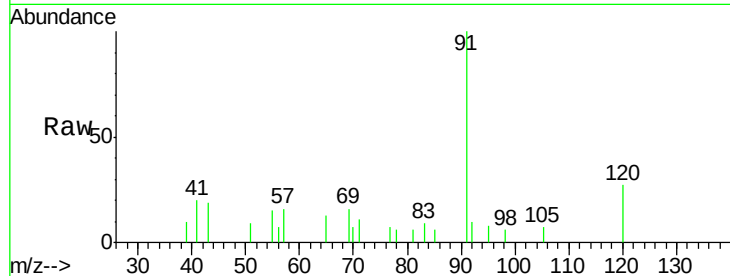
ClientSampleId :

Tot Ion: 91 Resp: 15472

Ion Ratio Lower Upper

91 100

126 0.0 12.8 51.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

17.53

6000

5000

4000

3000

2000

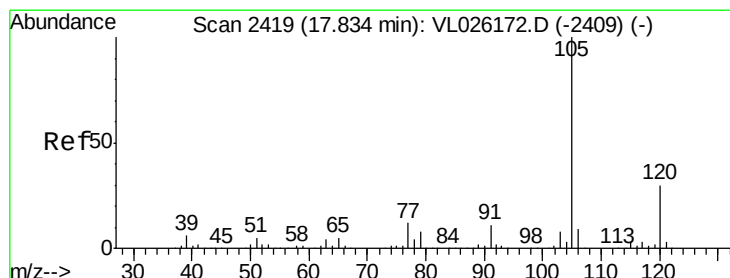
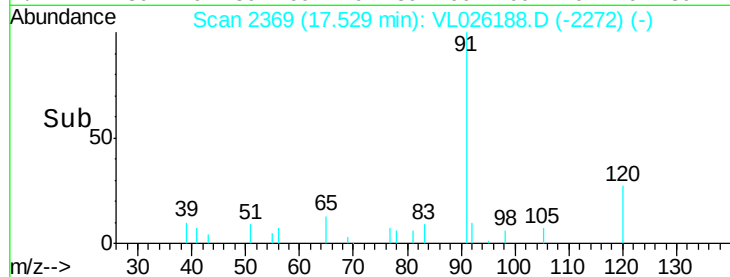
1000

0

17.50

17.60

Time-->



#72

4-Ethyltoluene

Concen: 0.05 ppbv

RT: 17.83 min Scan# 2418

Delta R.T. -0.01 min

Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

Tgt Ion:105 Resp: 17735

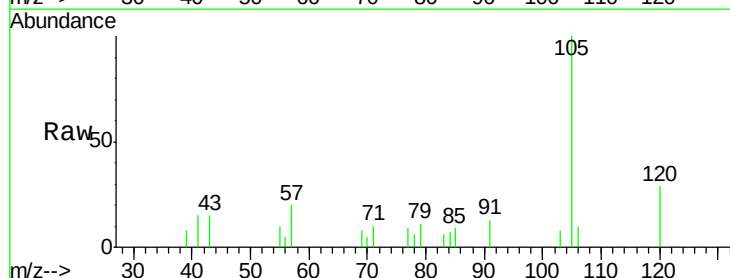
Ion Ratio Lower Upper

105 100

120 24.7 24.7 37.1

91 13.3 9.2 13.8

77 11.0 9.8 14.8



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

20000

15000

10000

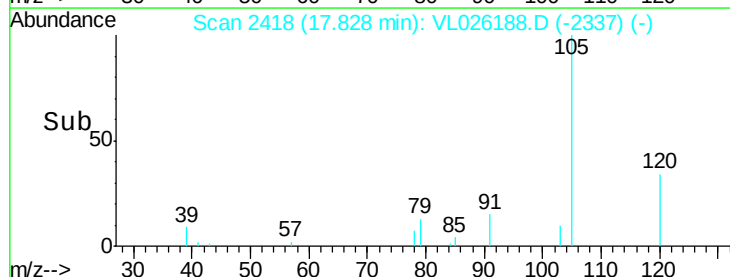
5000

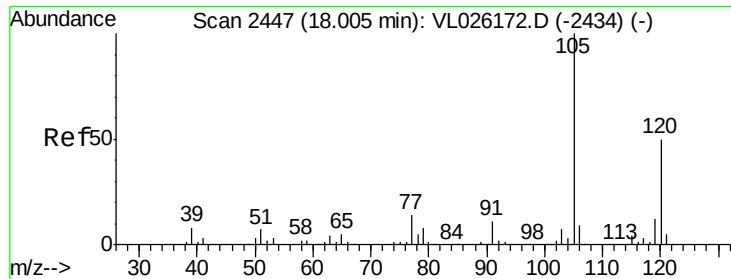
0

17.80

17.90

Time-->

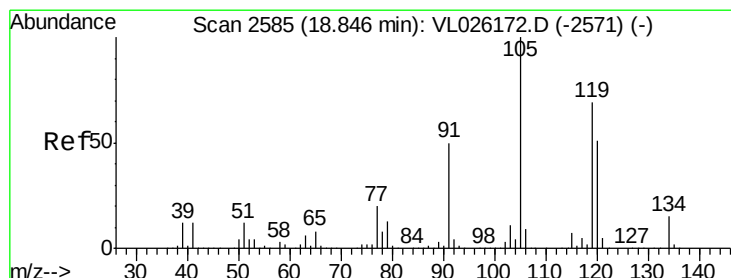
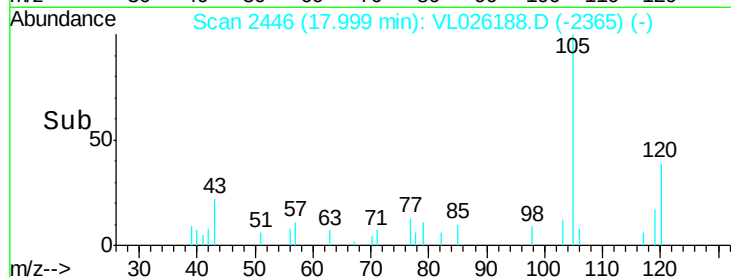
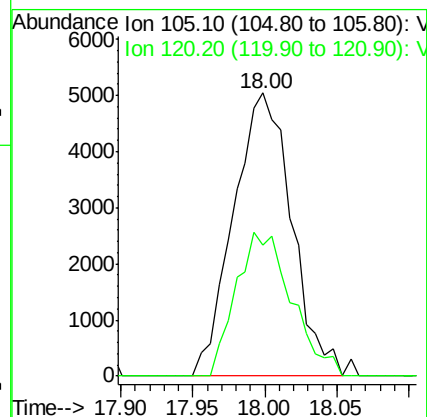
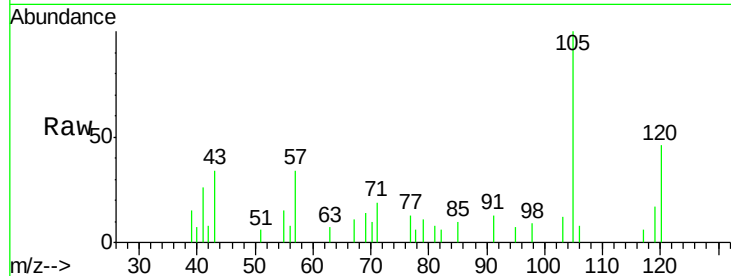




#73
 1,3,5-Trimethylbenzene
 Concen: 0.05 ppbv
 RT: 18.00 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: VL026188.D
 Acq: 9 Oct 2015 22:54

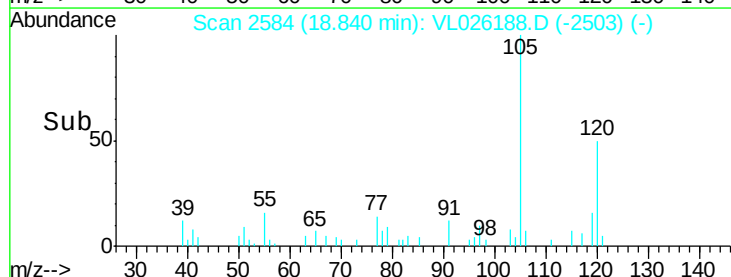
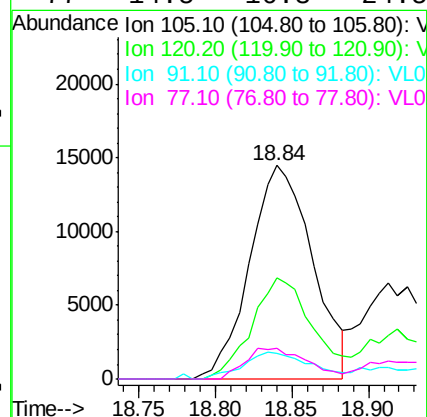
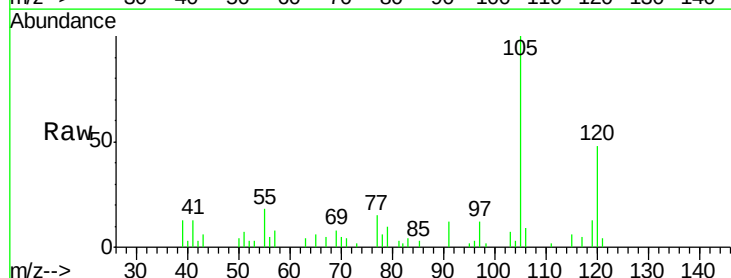
Instrument :
 MSVOA_L
 ClientSampled :

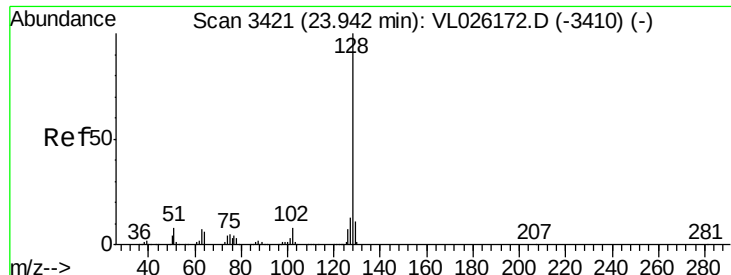
Tot Ion:105 Resp: 14138
 Ion Ratio Lower Upper
 105 100
 120 46.3 40.1 60.1



#74
 1,2,4-Trimethylbenzene
 Concen: 0.13 ppbv
 RT: 18.84 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: VL026188.D
 Acq: 9 Oct 2015 22:54

Tgt Ion:105 Resp: 41319
 Ion Ratio Lower Upper
 105 100
 120 47.5 41.1 61.7
 91 12.0 39.8 59.6#
 77 14.5 16.3 24.5#





#79

Naphthalene

Concen: 0.04 ppbv

RT: 23.95 min Scan# 3423

Delta R.T. 0.01 min

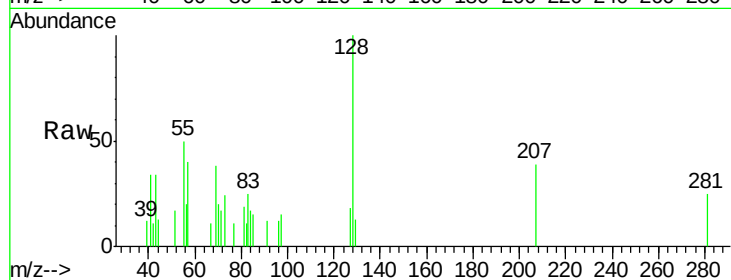
Lab File: VL026188.D

Acq: 9 Oct 2015 22:54

Instrument :

MSVOA_L

ClientSampleId :



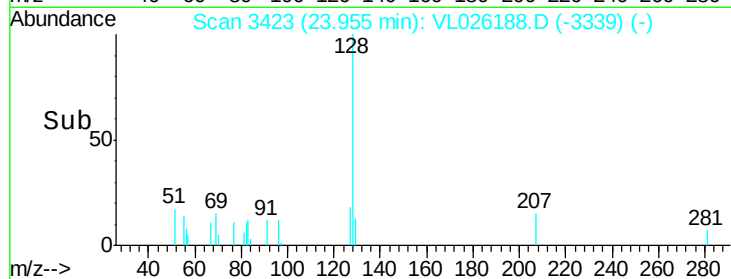
Tot Ion:128 Resp: 8022

Ion Ratio Lower Upper

128 100

127 17.7 10.2 15.2#

129 13.1 8.7 13.1#



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

