

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL072715\
 Data File : VL025776.D
 Acq On : 28 Jul 2015 6:20
 Operator : SY/MD
 Sample : G3040-07 120X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-072315

Quant Time: Jul 28 07:19:44 2015
 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)
1) Bromochloromethane	6.65	49	573492	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	1590541	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	2178587	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1965203	10.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.90%

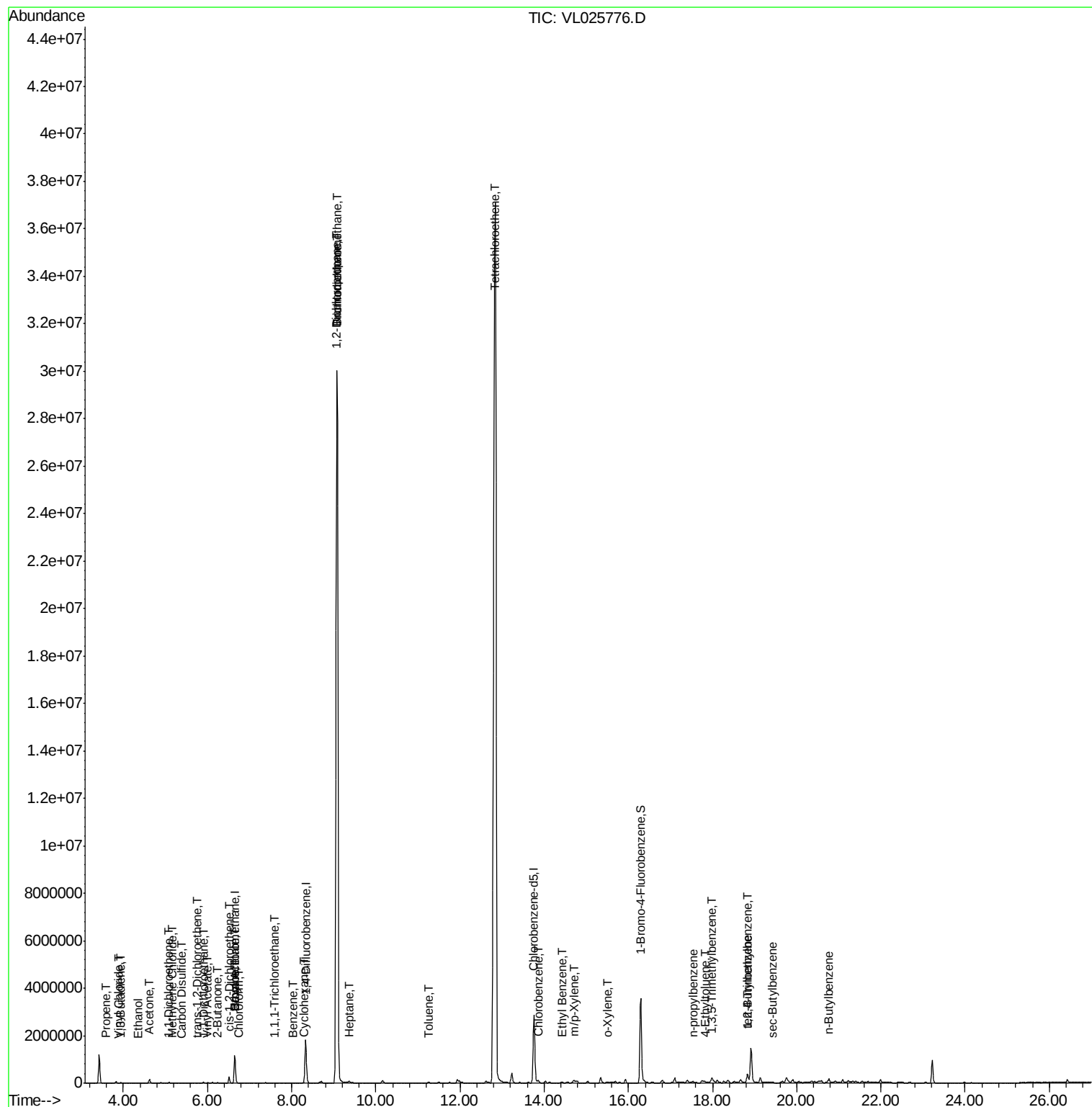
Target Compounds						Ovalue
5) Vinyl Chloride	3.89	62	3075	0.08	ppbv #	78
9) Propene	3.59	41	1707	0.06	ppbv #	17
10) Heptane	9.37	43	22737	0.22	ppbv	97
13) Ethanol	4.35	45	831	0.20	ppbv #	35
15) Acetone	4.62	43	249379	2.46	ppbv	97
16) 1,3-Butadiene	3.95	39	7300	0.18	ppbv #	12
18) 1,1-Dichloroethene	5.08	96	9389	0.22	ppbv	95
20) Methylene Chloride	5.15	84	6194	0.15	ppbv #	84
22) trans-1,2-Dichloroethene	5.76	96	4867	0.11	ppbv #	78
23) Vinyl Acetate	6.01	43	20977	0.14	ppbv #	76
24) 1,1-Dichloroethane	5.91	63	26614	0.26	ppbv	96
25) Ethyl Acetate	6.65	43	7879	0.05	ppbv #	76
26) Hexane	6.65	57	11907	0.16	ppbv #	45
27) Carbon Disulfide	5.39	76	9581	0.08	ppbv #	69
29) Chloroform	6.74	83	5177	0.04	ppbv	93
30) Cyclohexane	8.29	84	7172	0.10	ppbv #	14
31) cis-1,2-Dichloroethene	6.51	61	183424	2.56	ppbv	97
32) 1,1,1-Trichloroethane	7.59	97	6733	0.04	ppbv	95
34) 2-Butanone	6.24	43	35713	0.40	ppbv	97
36) Benzene	8.04	78	17863	0.12	ppbv	97
38) Trichloroethene	9.08	130	14702470	207.58	ppbv	90
39) 1,2-Dichloropropane	9.07	63	52789	0.94	ppbv #	1
42) Bromodichloromethane	9.09	83	278357	1.77	ppbv #	95
52) Tetrachloroethene	12.83	164	18365102	240.38	ppbv	85
53) Toluene	11.26	91	44162	0.21	ppbv	98
57) Chlorobenzene	13.86	112	10140	0.04	ppbv #	40
58) Ethyl Benzene	14.43	91	53494	0.15	ppbv	94
59) m/p-Xylene	14.71	91	120986	0.38	ppbv	97
60) o-Xylene	15.50	91	39874	0.12	ppbv	93
64) n-propylbenzene	17.53	120	4989	0.04	ppbv #	38
65) tert-Butylbenzene	18.83	119	32883	0.08	ppbv #	42
67) sec-Butylbenzene	19.41	105	18982	0.03	ppbv	97
70) n-Butylbenzene	20.76	91	37058	0.07	ppbv #	19
72) 4-Ethyltoluene	17.83	105	33241	0.09	ppbv #	88
73) 1,3,5-Trimethylbenzene	17.99	105	136066	0.37	ppbv	99
74) 1,2,4-Trimethylbenzene	18.83	105	270832	0.65	ppbv #	67

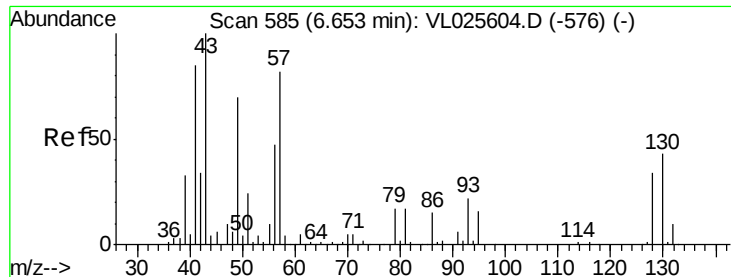
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : G3040-07 120X
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DIN46-INFLUENT-072315

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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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 584

Delta R.T. -0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-072315

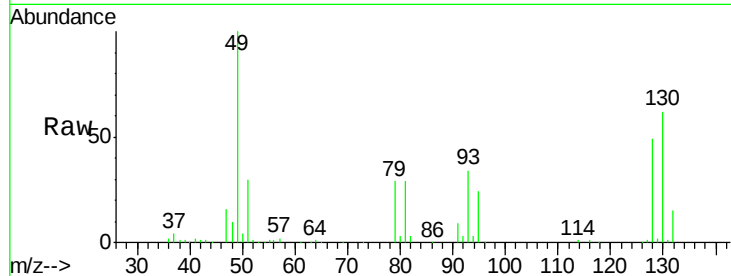
Tot Ion: 49 Resp: 573492

Ion Ratio Lower Upper

49 100

128 52.2 25.4 76.0

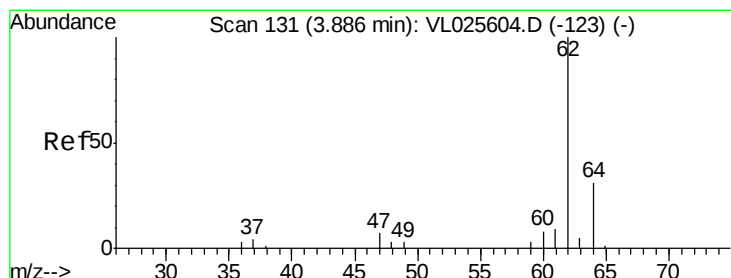
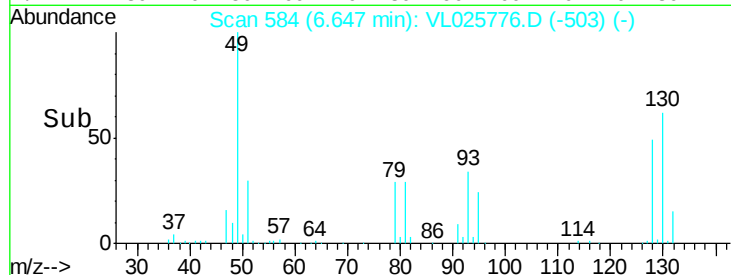
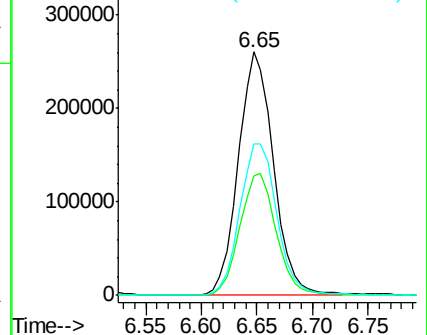
130 66.2 31.9 95.9



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



#5

Vinyl Chloride

Concen: 0.08 ppbv

RT: 3.89 min Scan# 132

Delta R.T. 0.01 min

Lab File: VL025776.D

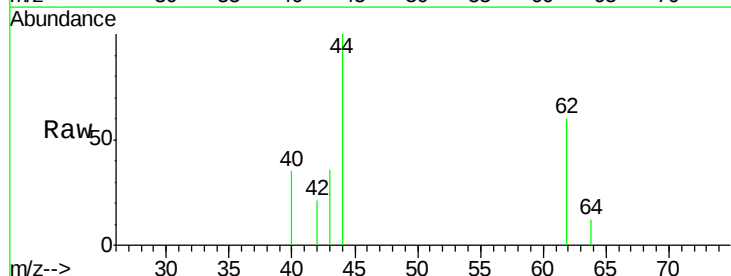
Acq: 28 Jul 2015 6:20

Tgt Ion: 62 Resp: 3075

Ion Ratio Lower Upper

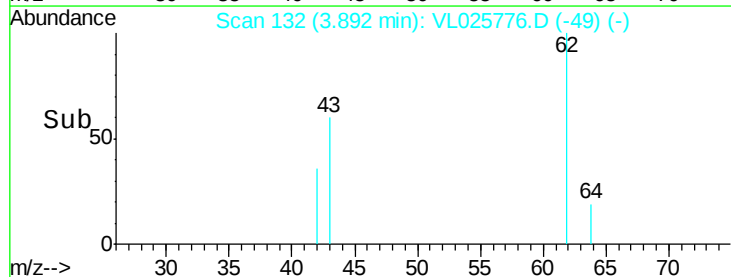
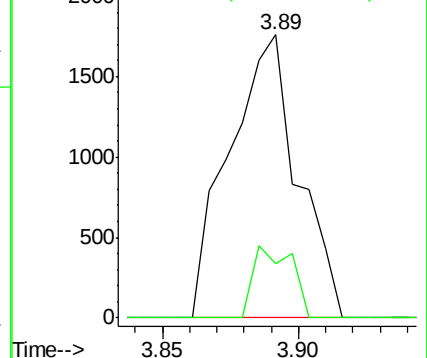
62 100

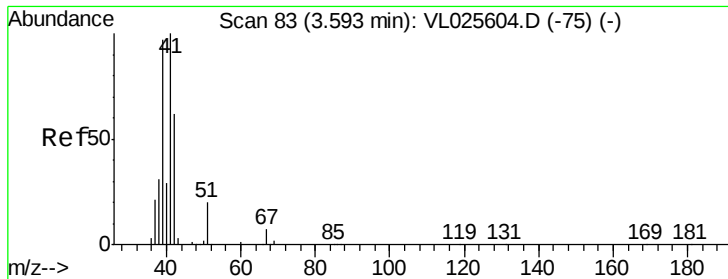
64 19.1 25.0 37.6#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#9

Propene

Concen: 0.06 ppbv

RT: 3.59 min Scan# 82

Delta R.T. -0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

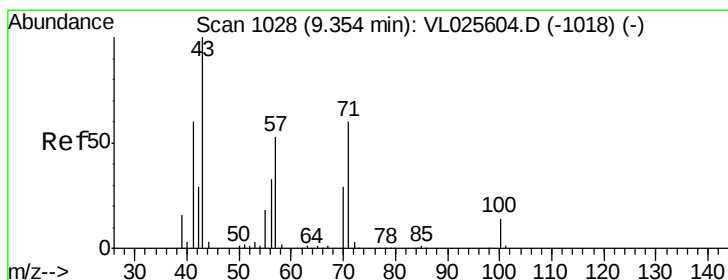
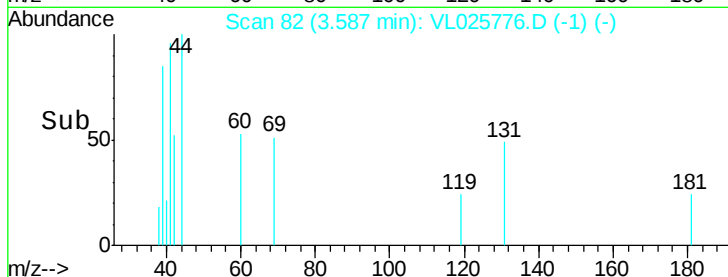
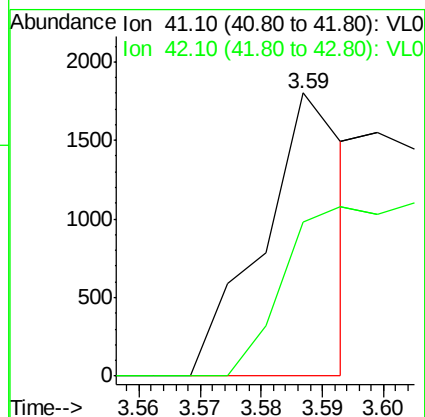
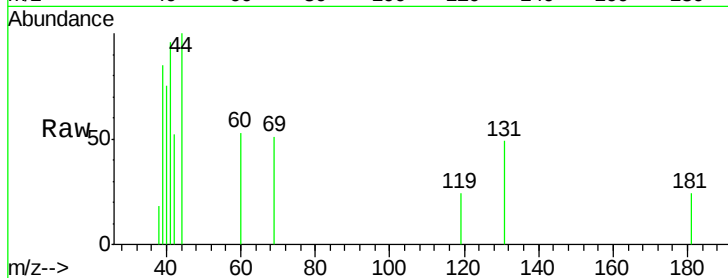
DIN46-INFLUENT-072315

Tot Ion: 41 Resp: 1707

Ion Ratio Lower Upper

41 100

42 0.0 52.4 78.6#



#10

Heptane

Concen: 0.22 ppbv

RT: 9.37 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VL025776.D

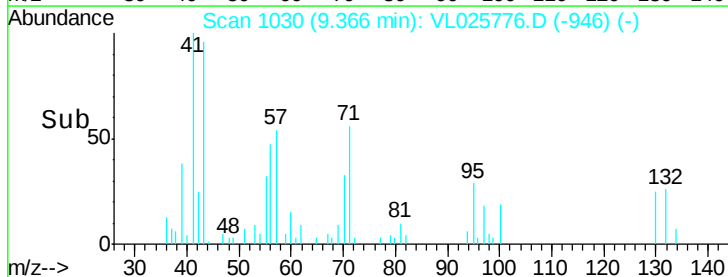
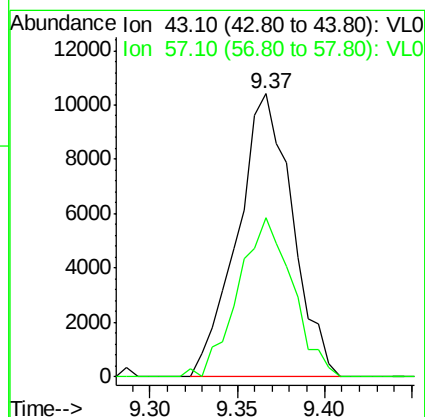
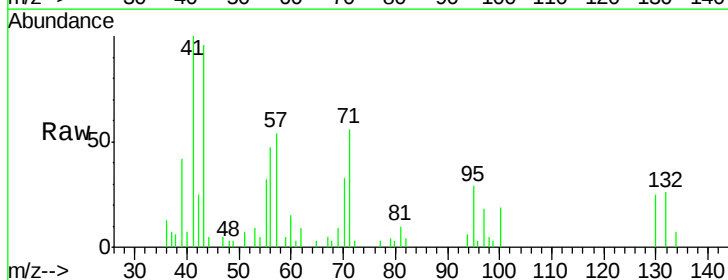
Acq: 28 Jul 2015 6:20

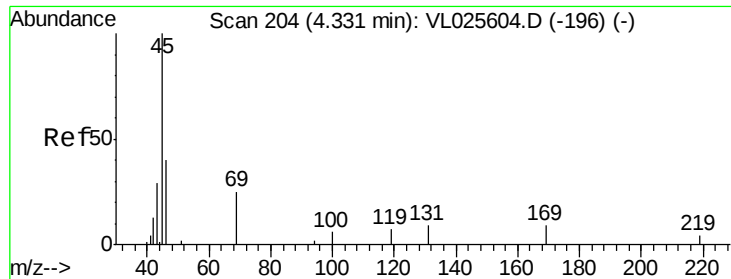
Tgt Ion: 43 Resp: 22737

Ion Ratio Lower Upper

43 100

57 55.5 42.6 64.0

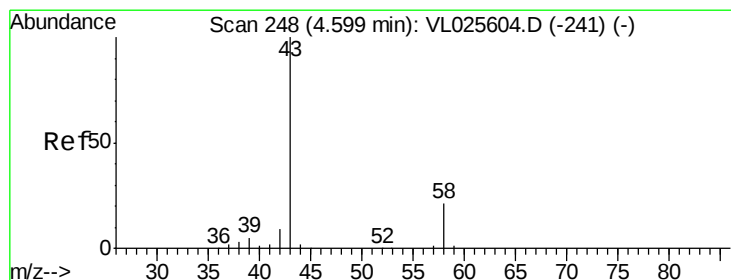
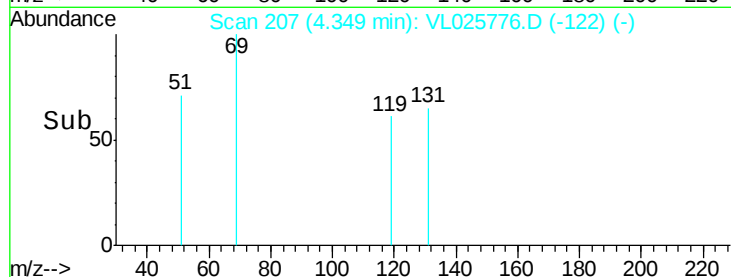
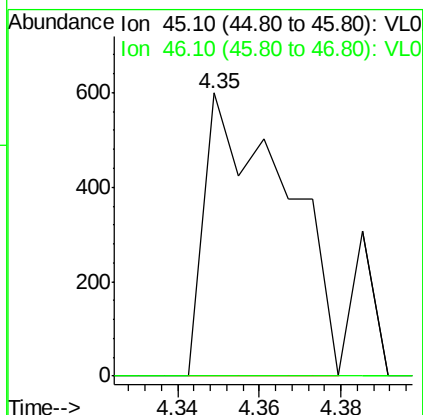
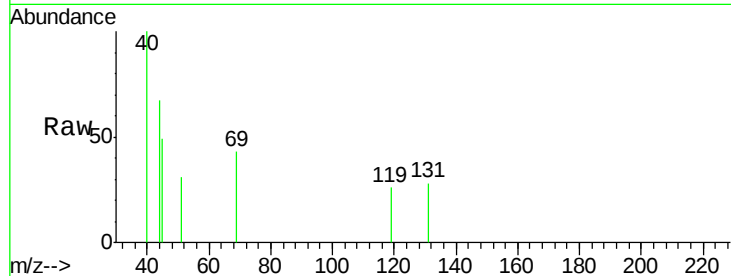




#13
Ethanol
Concen: 0.20 ppbv
RT: 4.35 min Scan# 207
Delta R.T. 0.02 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

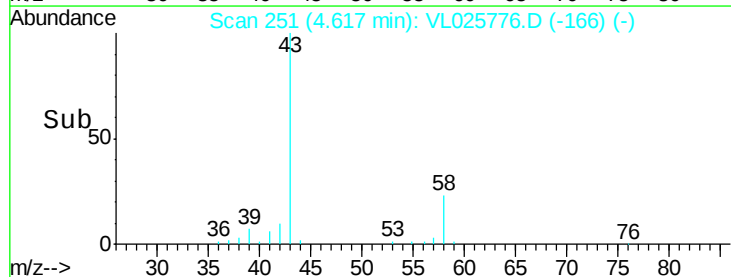
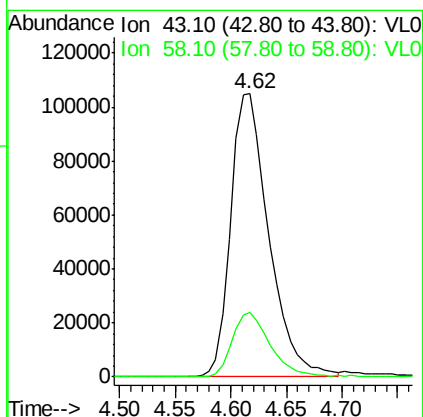
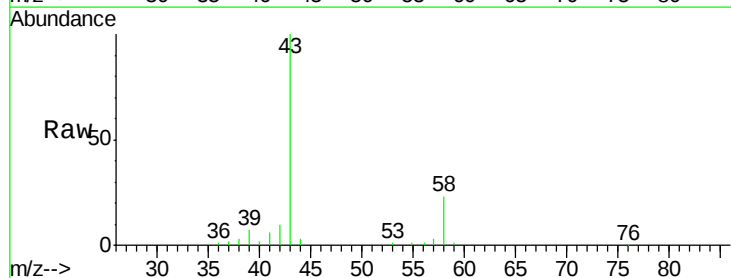
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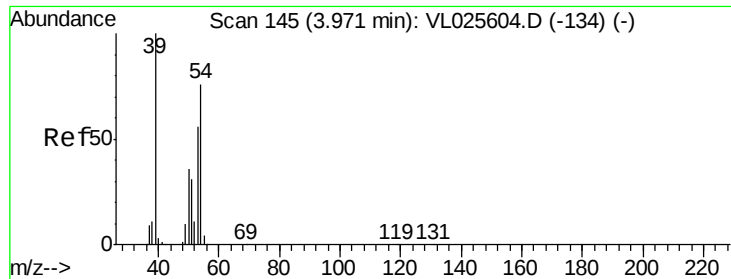
Tot Ion: 45 Resp: 831
Ion Ratio Lower Upper
45 100
46 0.0 16.0 64.0#



#15
Acetone
Concen: 2.46 ppbv
RT: 4.62 min Scan# 251
Delta R.T. 0.02 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Tgt Ion: 43 Resp: 249379
Ion Ratio Lower Upper
43 100
58 22.7 17.2 25.8

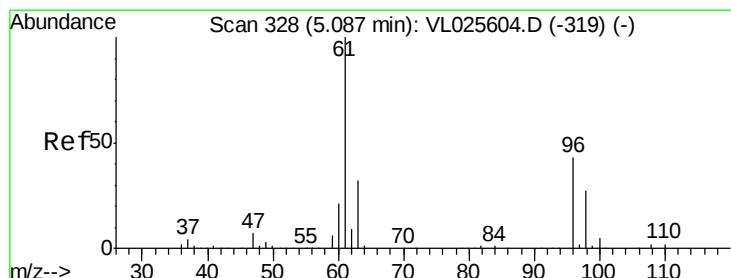
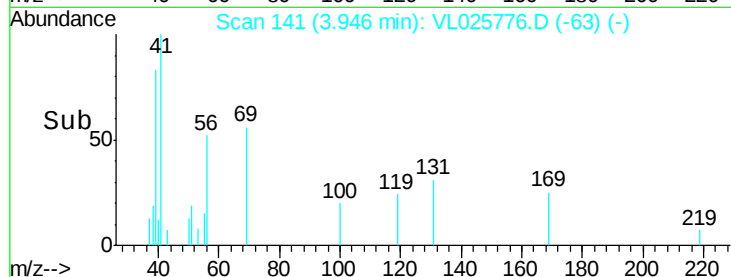
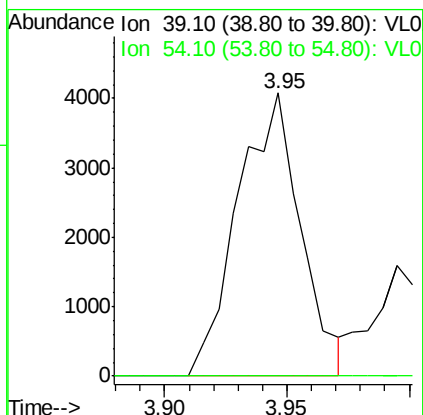
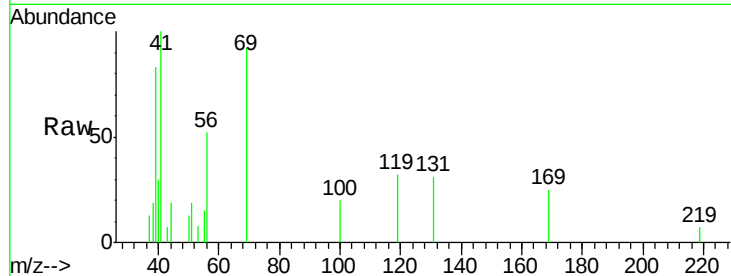




#16
 1,3-Butadiene
 Concen: 0.18 ppbv
 RT: 3.95 min Scan# 141
 Delta R.T. -0.02 min
 Lab File: VL025776.D
 Acq: 28 Jul 2015 6:20

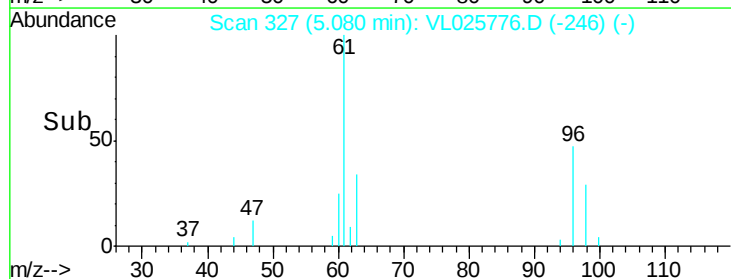
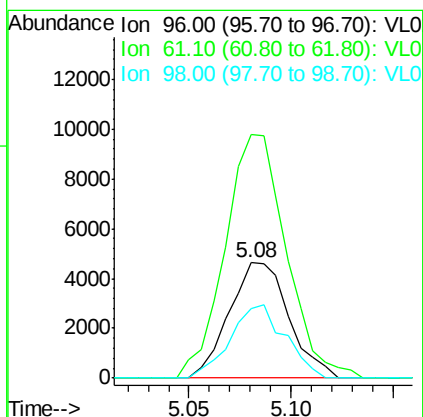
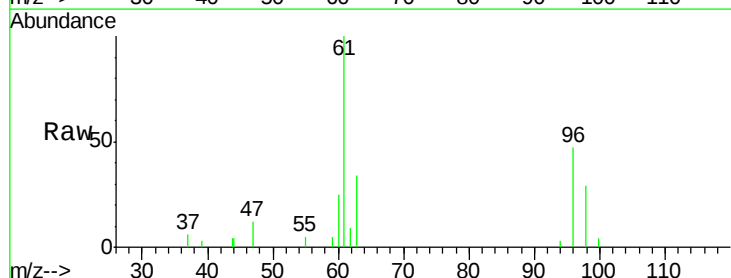
Instrument :
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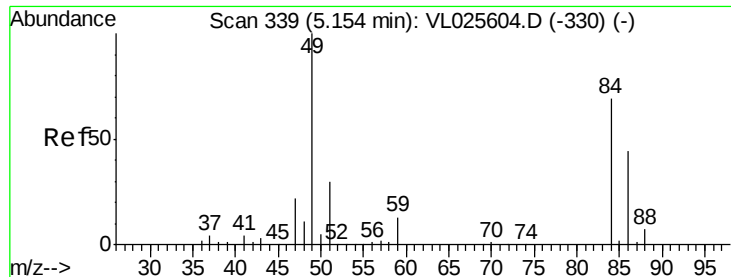
Tot Ion: 39 Resp: 7300
 Ion Ratio Lower Upper
 39 100
 54 0.0 59.3 88.9#



#18
 1,1-Dichloroethene
 Concen: 0.22 ppbv
 RT: 5.08 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VL025776.D
 Acq: 28 Jul 2015 6:20

Tgt Ion: 96 Resp: 9389
 Ion Ratio Lower Upper
 96 100
 61 220.5 184.1 276.1
 98 60.6 50.0 75.0

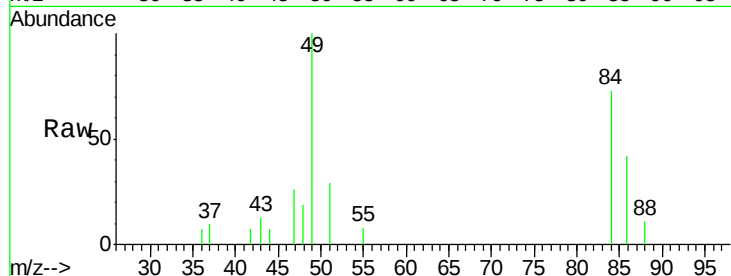




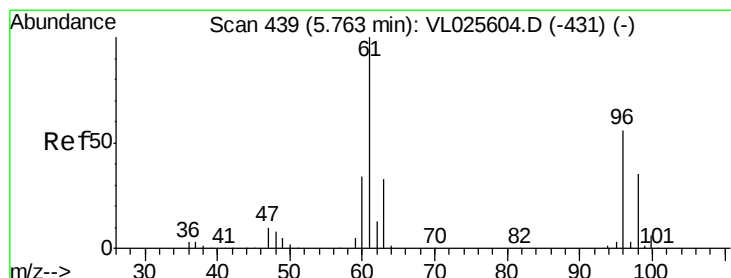
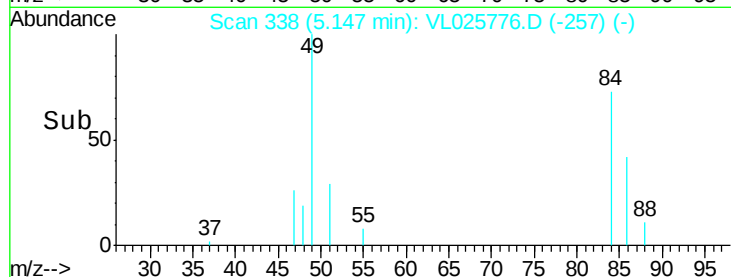
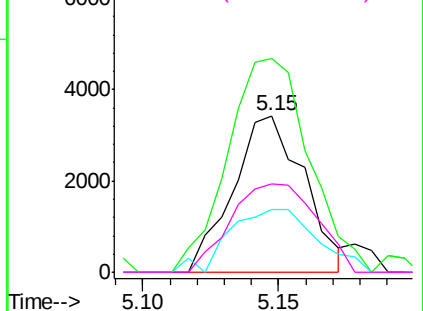
#20
Methylene Chloride
Concen: 0.15 ppbv
RT: 5.15 min Scan# 338
Delta R.T. -0.01 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-072315

Tot Ion: 84 Resp: 6194
Ion Ratio Lower Upper
84 100
49 120.8 115.2 172.8
51 30.9 35.0 52.6#
86 56.7 50.6 76.0

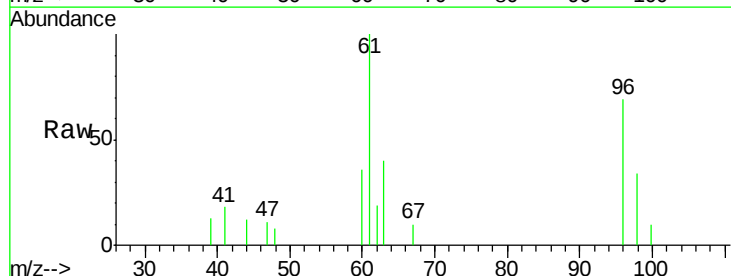


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

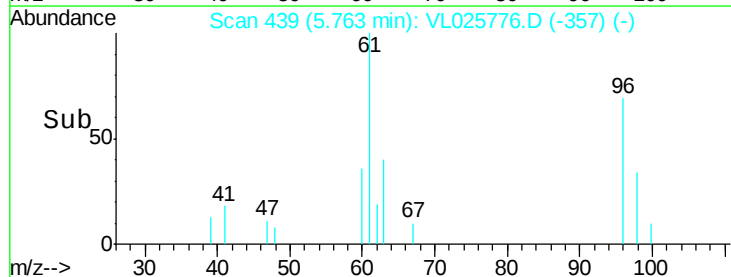
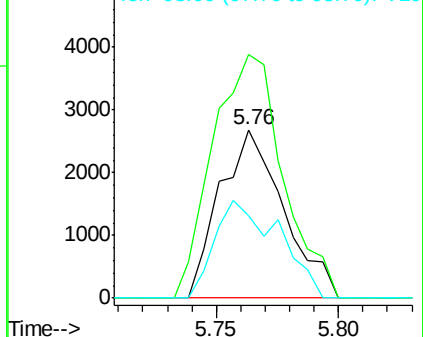


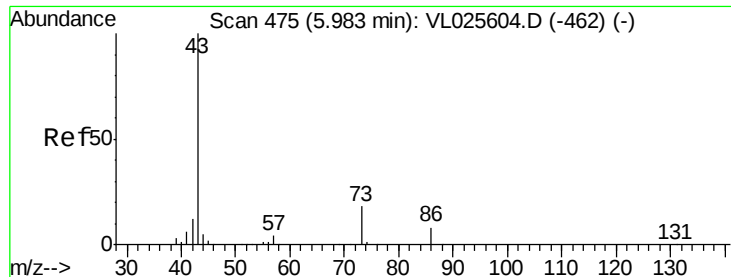
#22
trans-1,2-Dichloroethene
Concen: 0.11 ppbv
RT: 5.76 min Scan# 439
Delta R.T. -0.00 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Tgt Ion: 96 Resp: 4867
Ion Ratio Lower Upper
96 100
61 144.4 141.8 212.6
98 48.6 49.0 73.6#



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





#23

Vinyl Acetate

Concen: 0.14 ppbv

RT: 6.01 min Scan# 479

Delta R.T. 0.02 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-072315

Tot Ion: 43 Resp: 20977

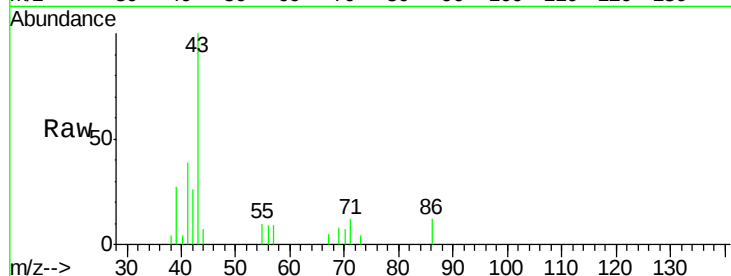
Ion Ratio Lower Upper

43 100

86 12.6 6.7 10.1#

42 27.5 9.8 14.6#

44 7.0 4.1 6.1#

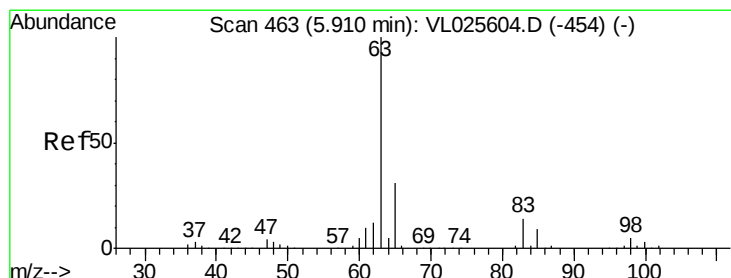
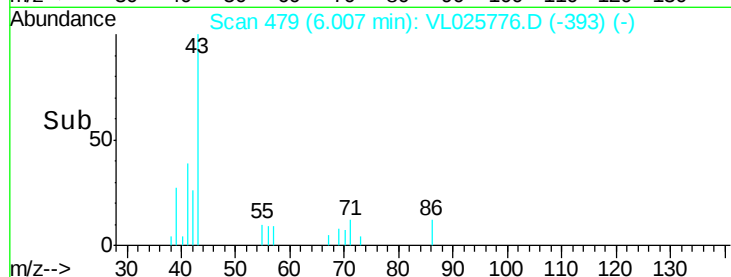
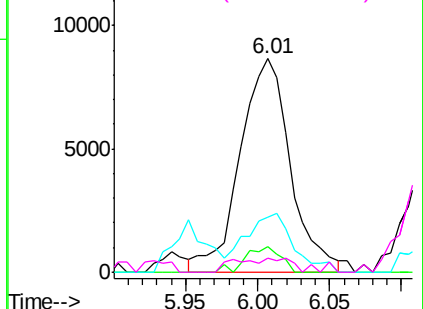


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.26 ppbv

RT: 5.91 min Scan# 463

Delta R.T. -0.00 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

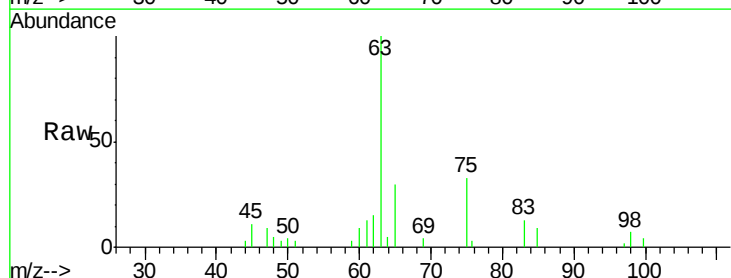
Tgt Ion: 63 Resp: 26614

Ion Ratio Lower Upper

63 100

98 7.1 2.6 8.0

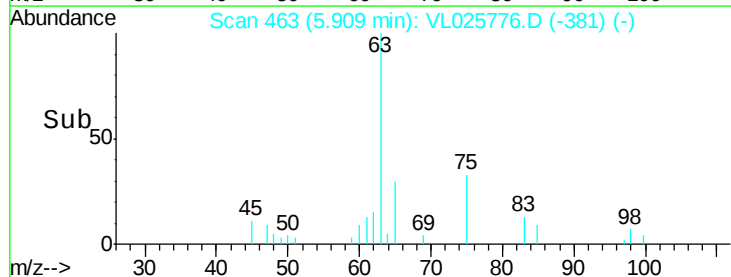
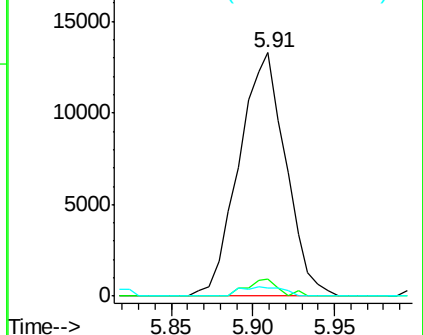
100 3.5 1.6 4.7

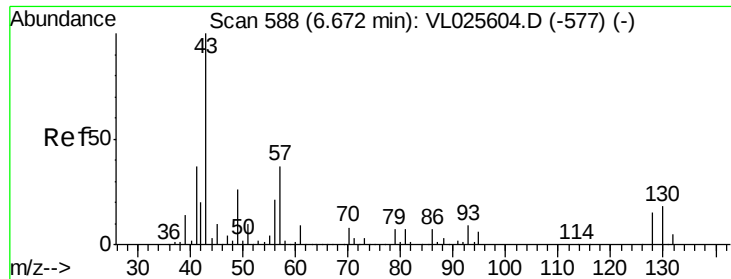


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

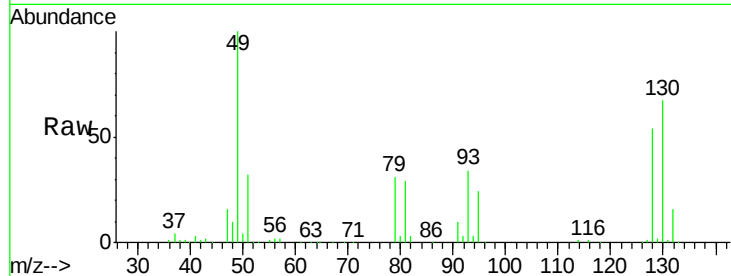




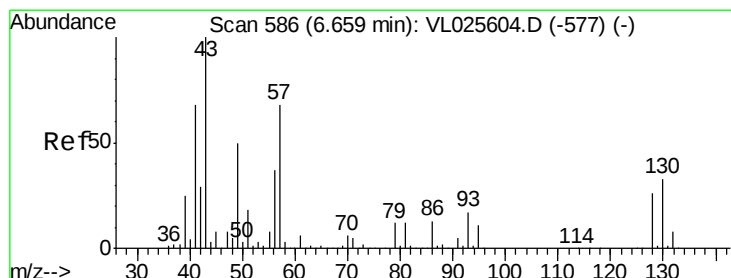
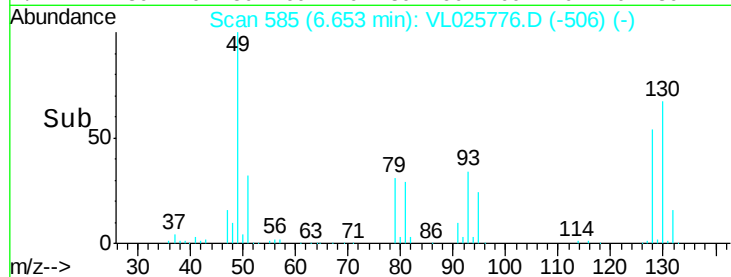
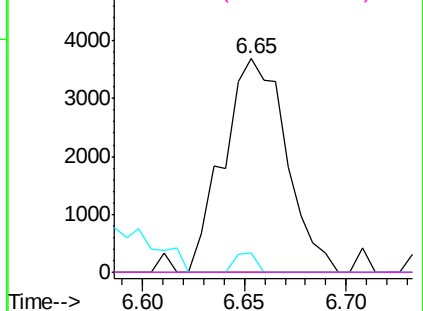
#25
Ethyl Acetate
Concen: 0.05 ppbv
RT: 6.65 min Scan# 585
Delta R.T. -0.02 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-072315

Tot Ion:	43	Resp:	7879
Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.5	11.3#
61	0.0	6.6	10.0#
70	0.0	6.0	9.0#

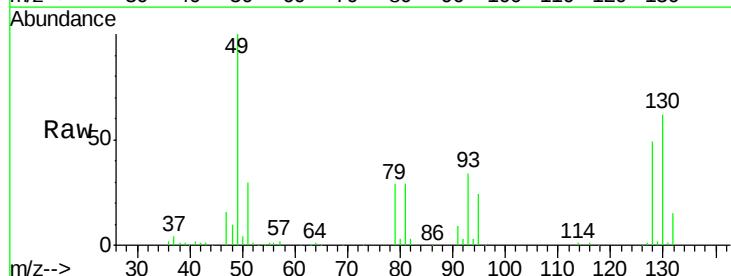


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

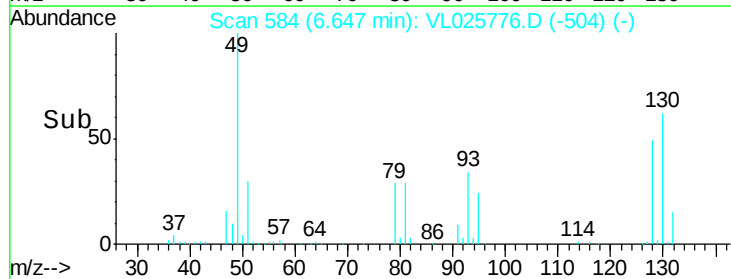
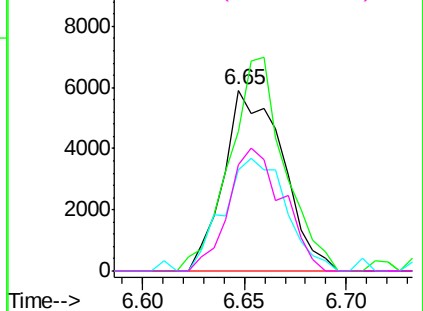


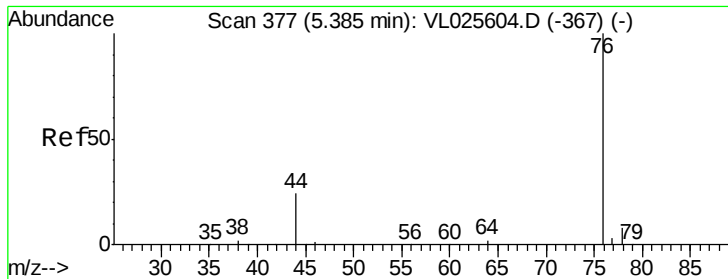
#26
Hexane
Concen: 0.16 ppbv
RT: 6.65 min Scan# 584
Delta R.T. -0.01 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Tgt Ion:	57	Resp:	11907
Ion	Ratio	Lower	Upper
57	100		
41	112.6	81.4	122.2
43	73.9	171.4	257.2#
56	62.3	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: 0.08 ppbv

RT: 5.39 min Scan# 378

Delta R.T. 0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-072315

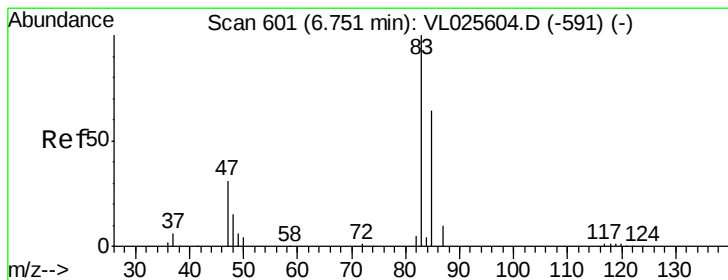
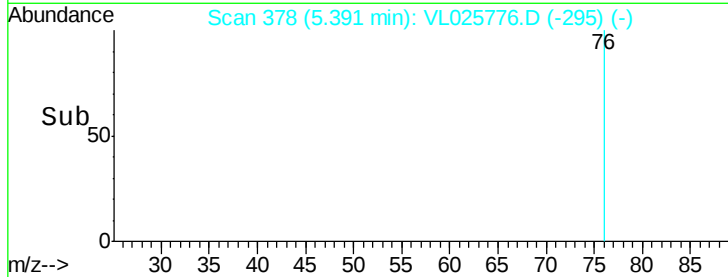
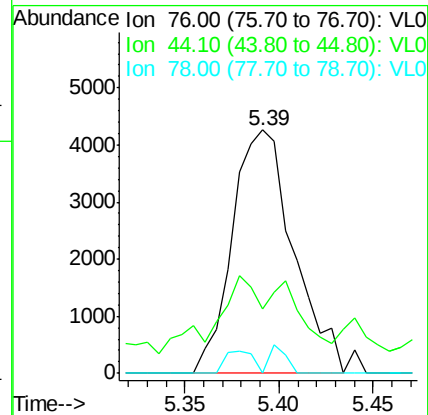
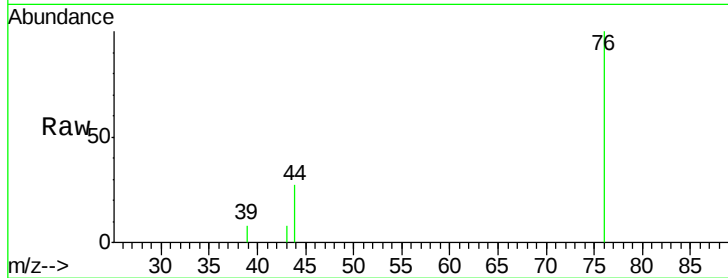
Tot Ion: 76 Resp: 9581

Ion Ratio Lower Upper

76 100

44 45.6 20.2 30.4#

78 7.3 7.4 11.2#



#29

Chloroform

Concen: 0.04 ppbv

RT: 6.74 min Scan# 599

Delta R.T. -0.01 min

Lab File: VL025776.D

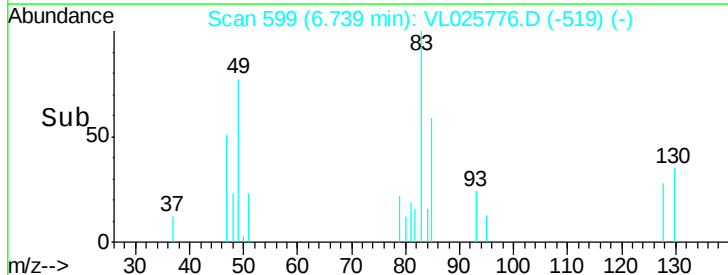
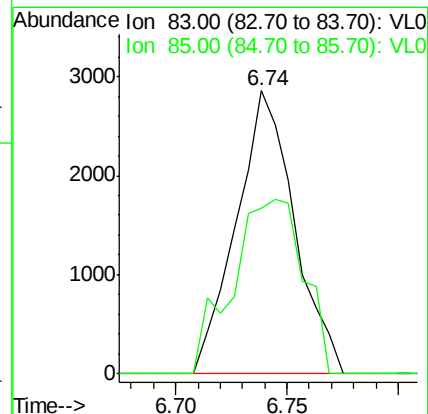
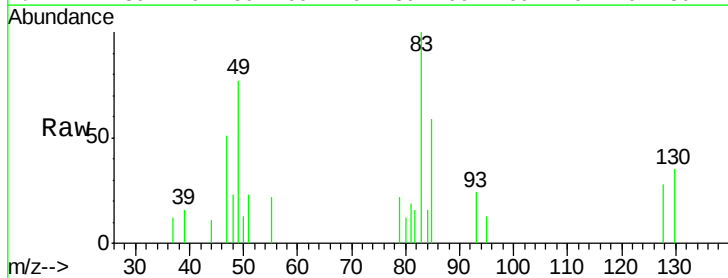
Acq: 28 Jul 2015 6:20

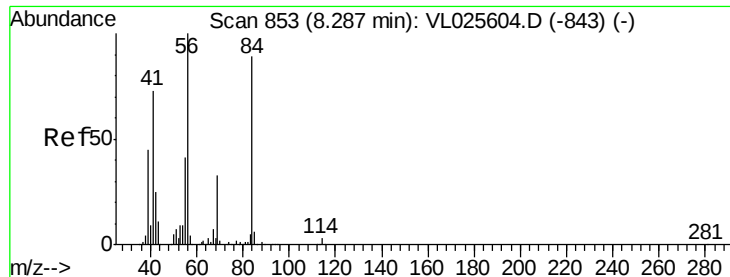
Tgt Ion: 83 Resp: 5177

Ion Ratio Lower Upper

83 100

85 58.6 51.6 77.4

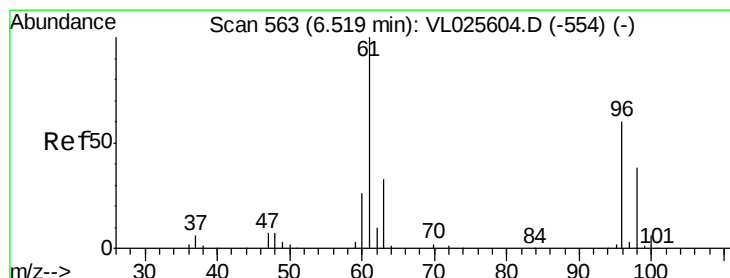
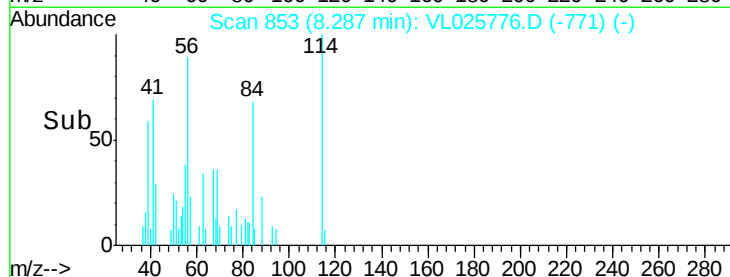
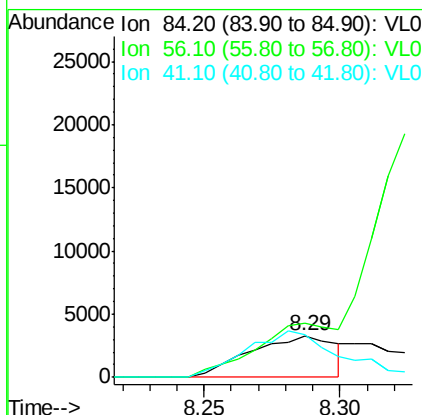
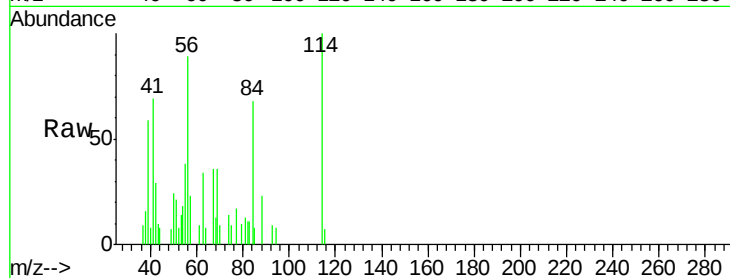




#30
Cvclohexane
Concen: 0.10 ppbv
RT: 8.29 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

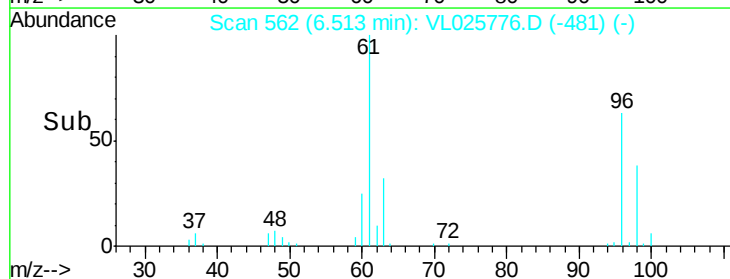
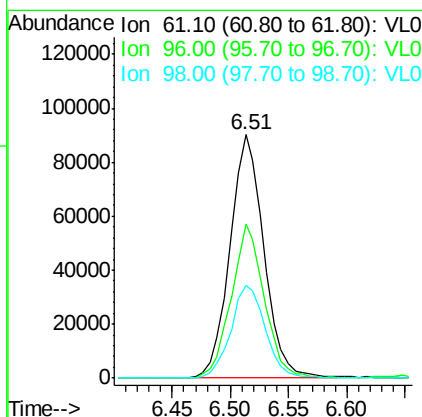
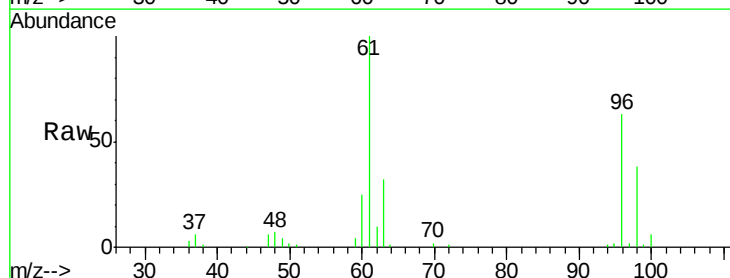
Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-072315

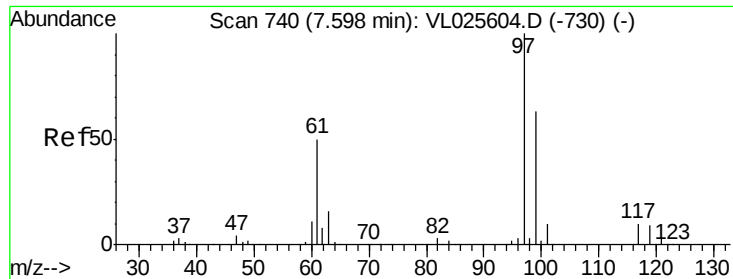
Tot Ion: 84 Resp: 7172
Ion Ratio Lower Upper
84 100
56 0.0 97.5 146.3#
41 129.1 65.4 98.2#



#31
cis-1,2-Dichloroethene
Concen: 2.56 ppbv
RT: 6.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Tgt Ion: 61 Resp: 183424
Ion Ratio Lower Upper
61 100
96 63.3 48.1 72.1
98 38.2 30.7 46.1





#32

1,1,1-Trichloroethane

Concen: 0.04 ppbv

RT: 7.59 min Scan# 739

Delta R.T. -0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-072315

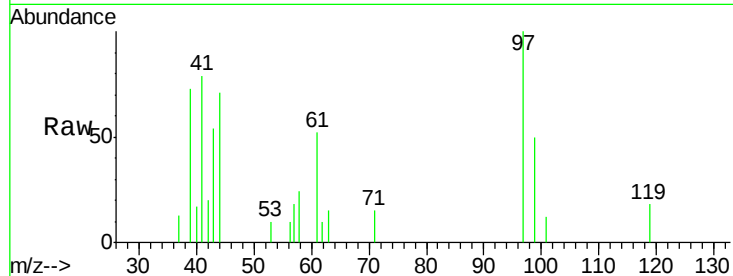
Tot Ion: 97 Resp: 6733

Ion Ratio Lower Upper

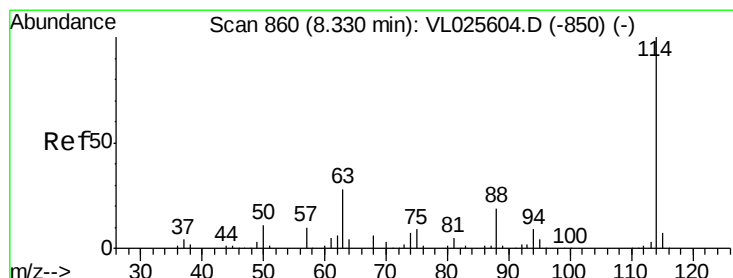
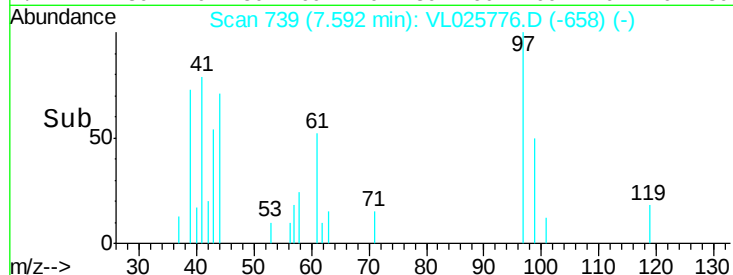
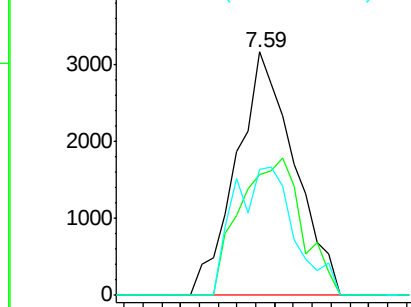
97 100

99 60.7 51.2 76.8

61 55.2 40.4 60.6



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 8.34 min Scan# 861

Delta R.T. 0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

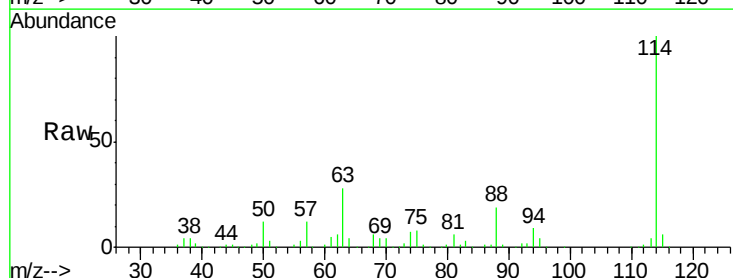
Tgt Ion: 114 Resp: 1590541

Ion Ratio Lower Upper

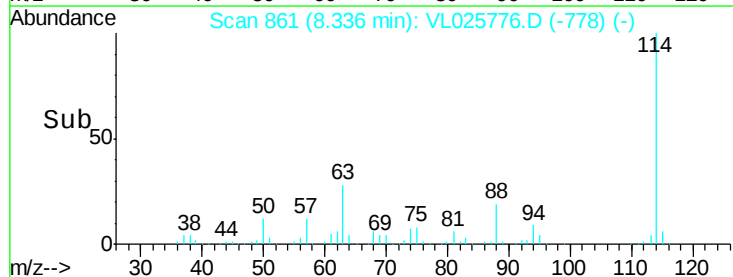
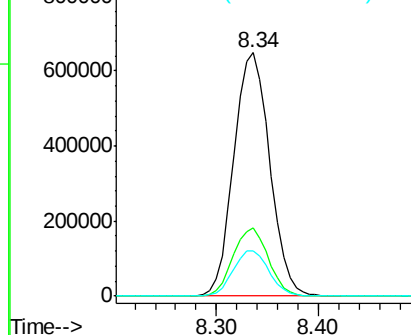
114 100

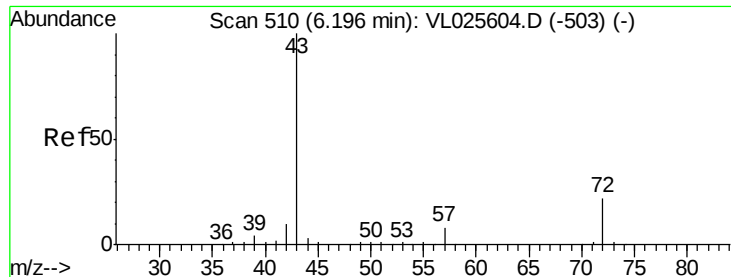
63 27.6 22.4 33.6

88 18.6 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

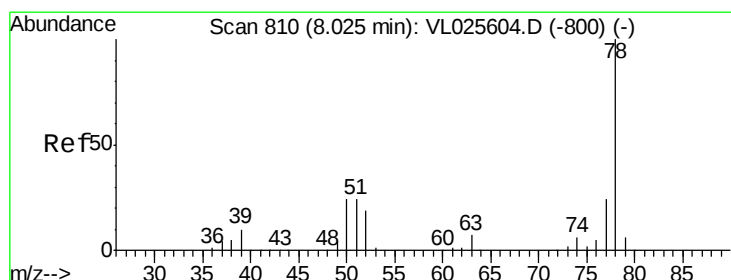
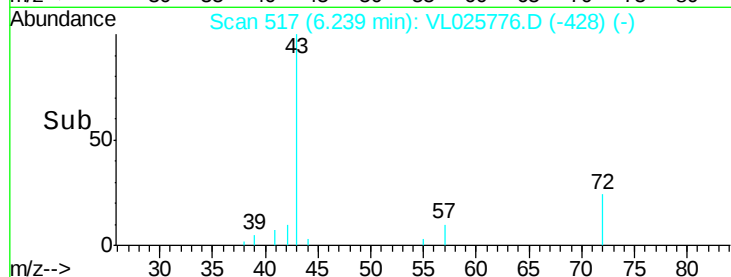
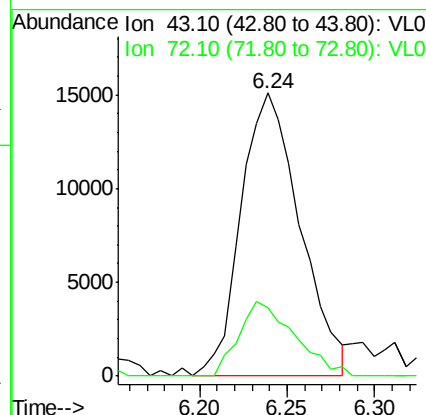
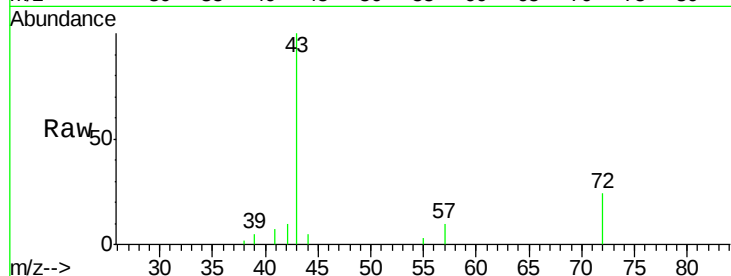




#34
2-Butanone
Concen: 0.40 ppbv
RT: 6.24 min Scan# 517
Delta R.T. 0.04 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

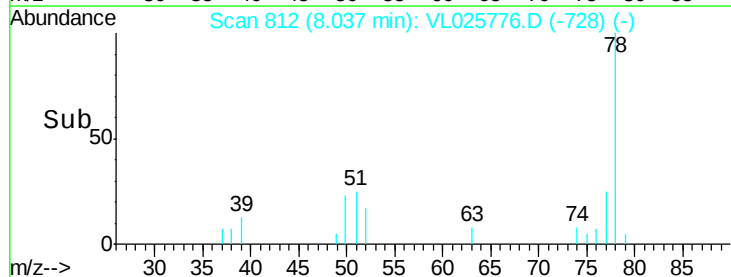
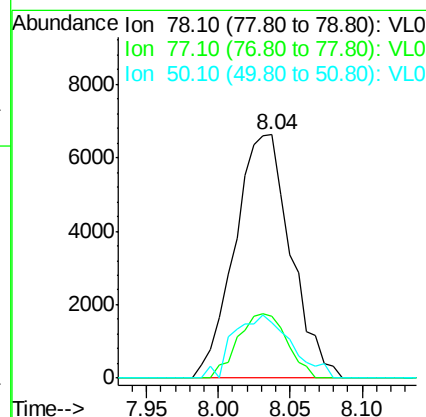
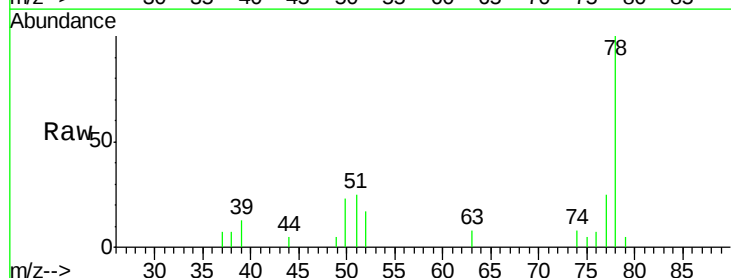
Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-072315

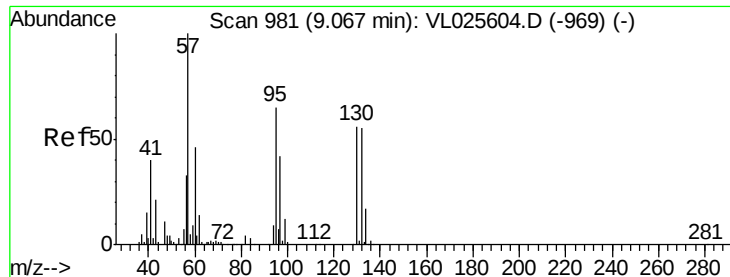
Tot Ion: 43 Resp: 35713
Ion Ratio Lower Upper
43 100
72 24.8 18.6 28.0



#36
Benzene
Concen: 0.12 ppbv
RT: 8.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Tgt Ion: 78 Resp: 17863
Ion Ratio Lower Upper
78 100
77 25.5 19.0 28.4
50 22.5 19.2 28.8





#38

Trichloroethene

Concen: 207.58 ppbv

RT: 9.08 min Scan# 983

Delta R.T. 0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-072315

Tot Ion:130 Resp:14702470

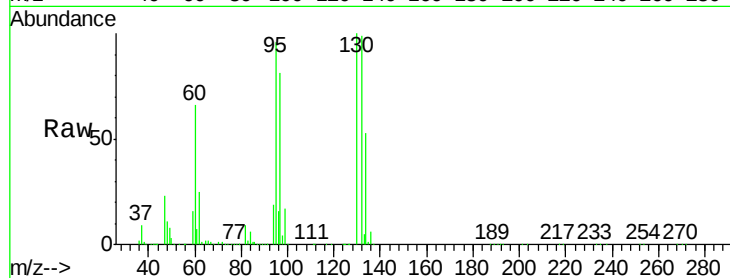
Ion Ratio Lower Upper

130 100

95 96.2 94.2 141.4

132 98.7 78.6 118.0

97 80.7 60.6 90.8

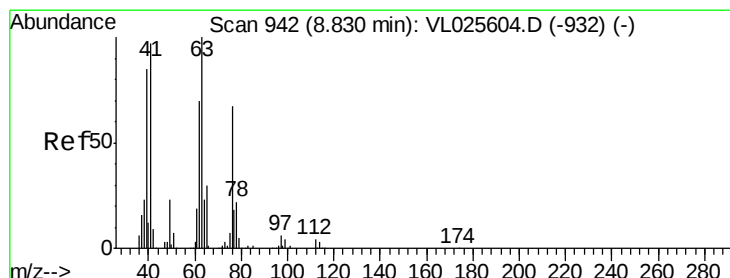
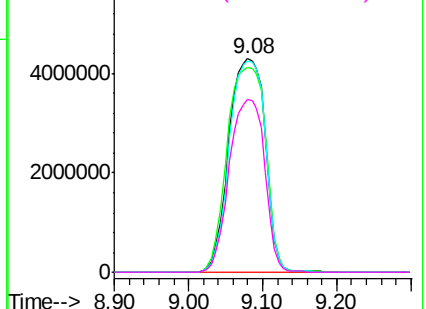
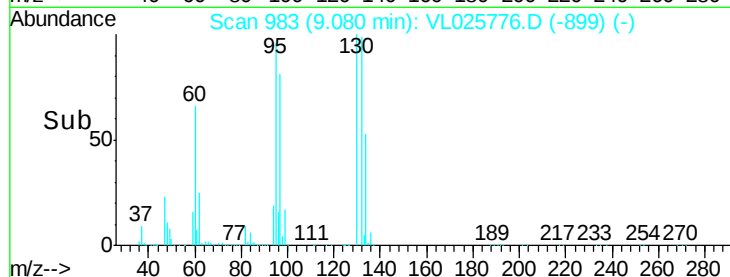


Abundance Ion 130.00 (129.70 to 130.70): V

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



#39

1,2-Dichloropropane

Concen: 0.94 ppbv

RT: 9.07 min Scan# 981

Delta R.T. 0.24 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

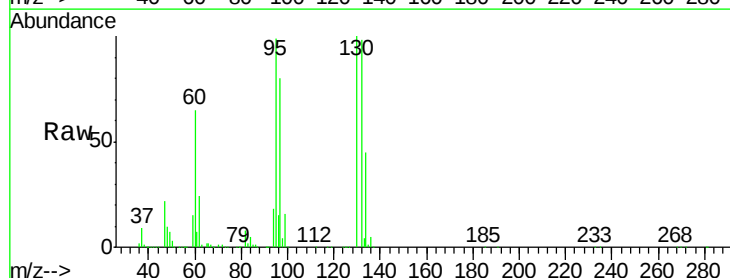
Tgt Ion: 63 Resp: 52789

Ion Ratio Lower Upper

63 100

41 17.9 78.0 117.0#

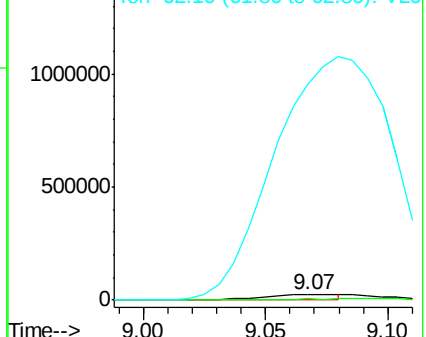
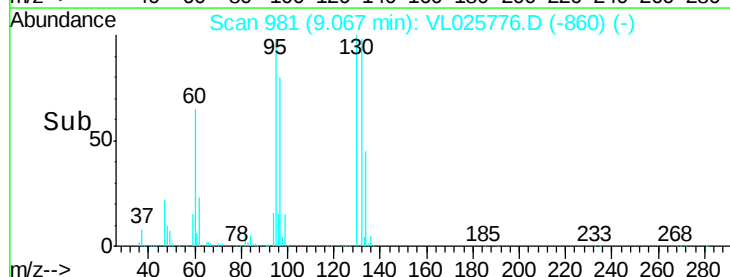
62 4022.1 55.7 83.5#

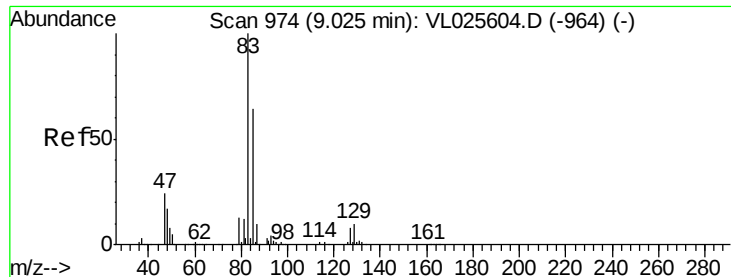


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#42

Bromodichloromethane

Concen: 1.77 ppbv

RT: 9.09 min Scan# 984

Delta R.T. 0.06 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-072315

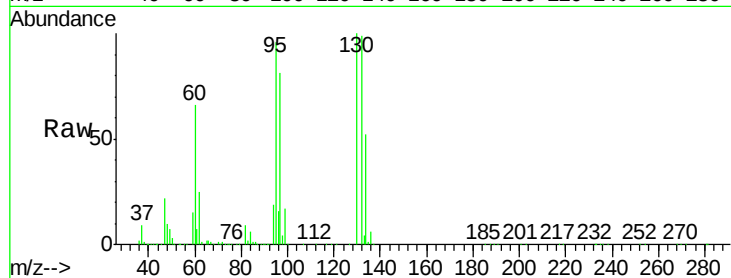
Tot Ion: 83 Resp: 278357

Ion Ratio Lower Upper

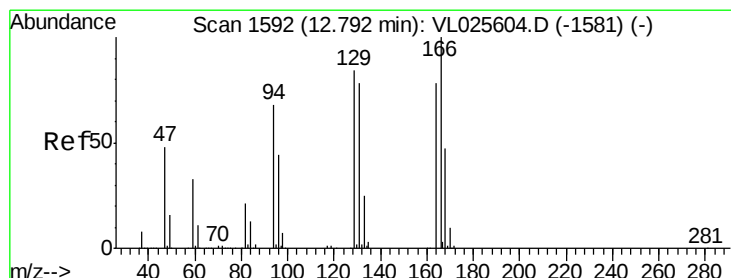
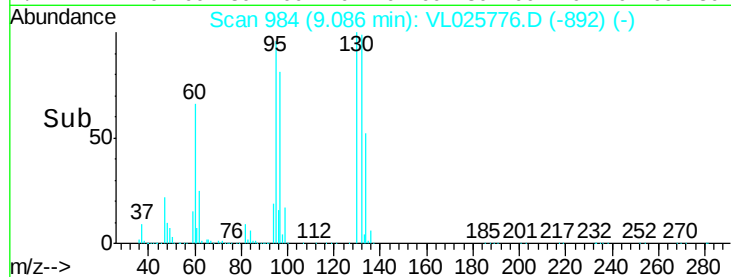
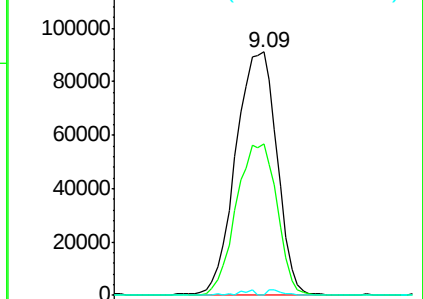
83 100

85 62.0 51.3 76.9

127 0.0 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): V



#52

Tetrachloroethene

Concen: 240.38 ppbv

RT: 12.83 min Scan# 1599

Delta R.T. 0.04 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Tgt Ion:164 Resp:18365102

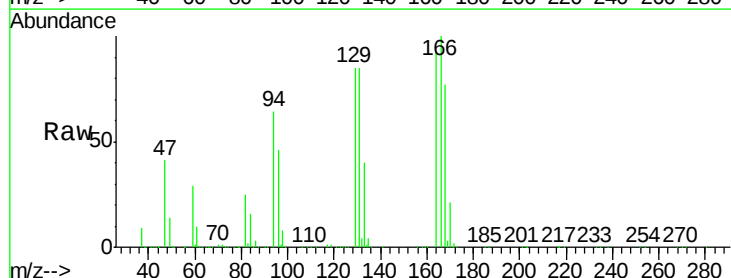
Ion Ratio Lower Upper

164 100

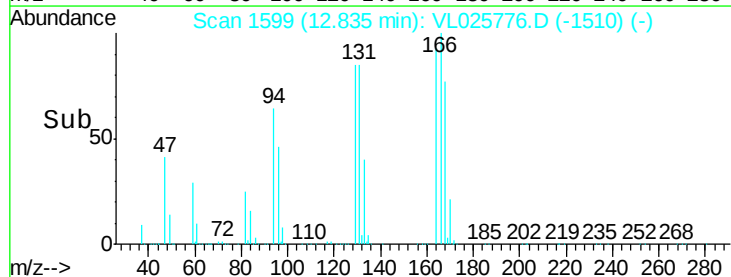
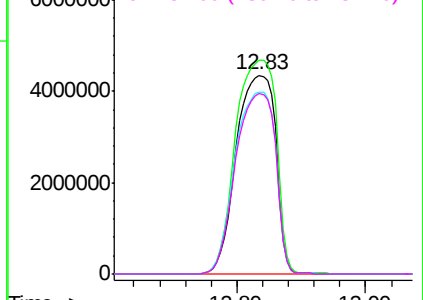
166 107.4 102.3 153.5

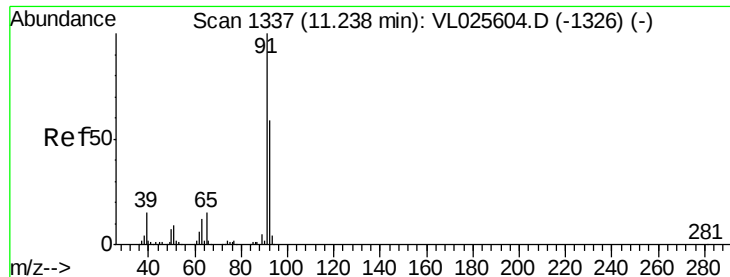
129 91.5 86.2 129.4

131 91.0 80.3 120.5



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.21 ppbv

RT: 11.26 min Scan# 1340

Delta R.T. 0.02 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

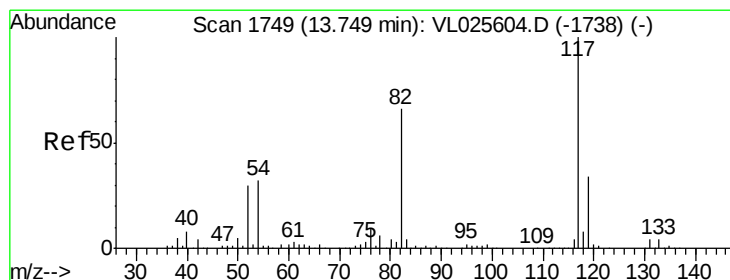
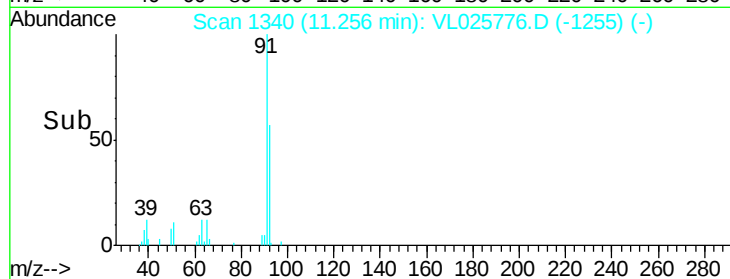
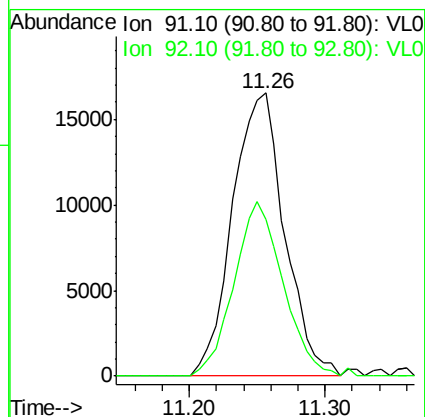
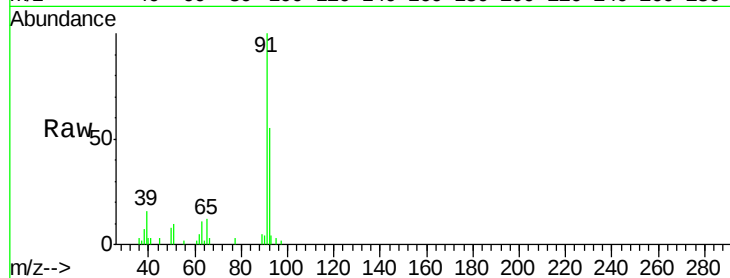
DIN46-INFLUENT-072315

Tot Ion: 91 Resp: 44162

Ion Ratio Lower Upper

91 100

92 58.5 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.76 min Scan# 1750

Delta R.T. 0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

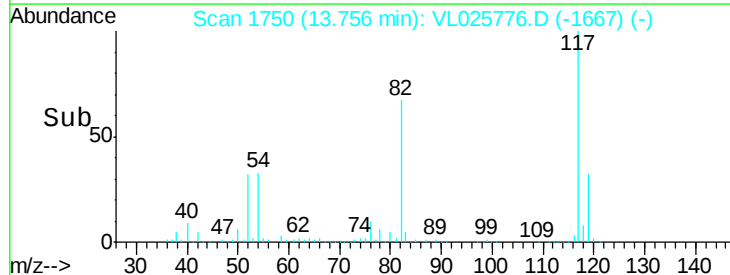
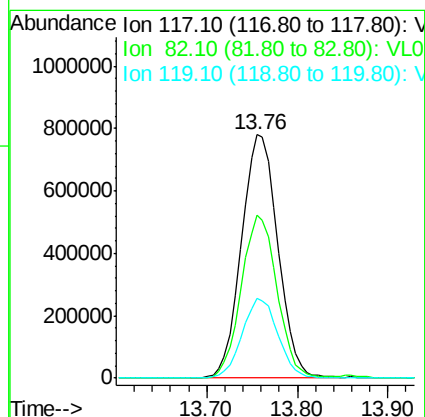
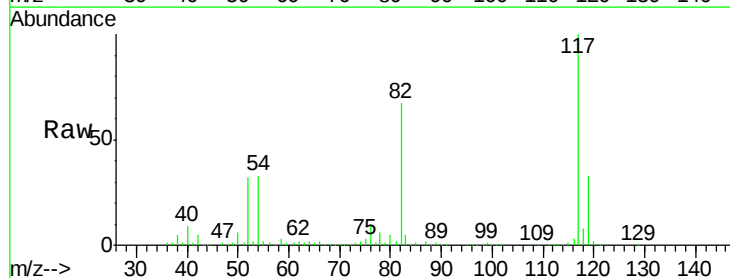
Tgt Ion: 117 Resp: 2178587

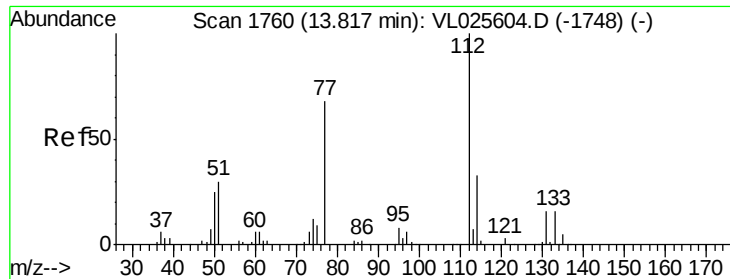
Ion Ratio Lower Upper

117 100

82 67.0 50.5 75.7

119 32.5 45.1 67.7#

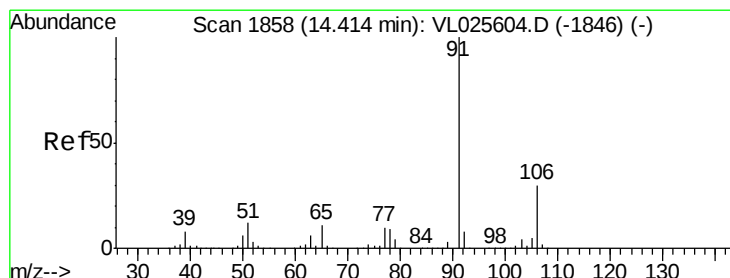
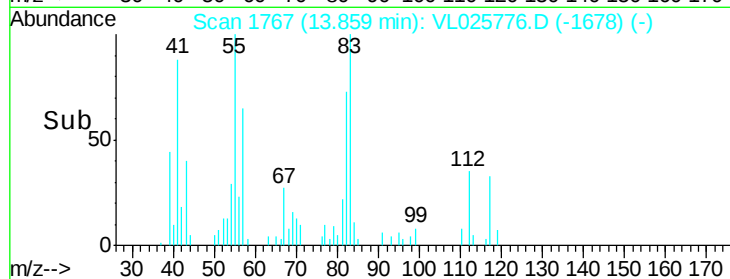
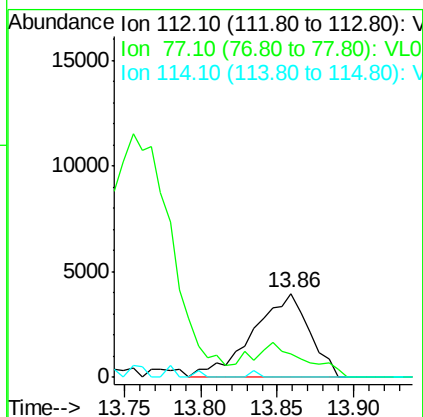
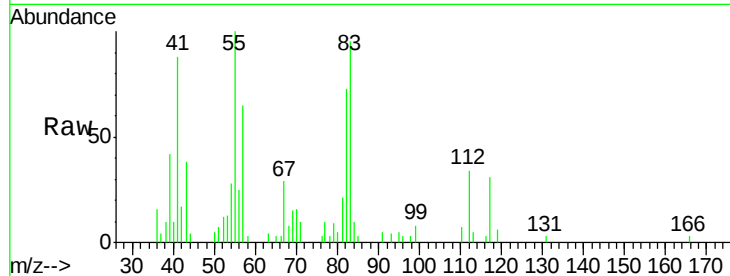




#57
Chlorobenzene
Concen: 0.04 ppbv
RT: 13.86 min Scan# 1767
Delta R.T. 0.04 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

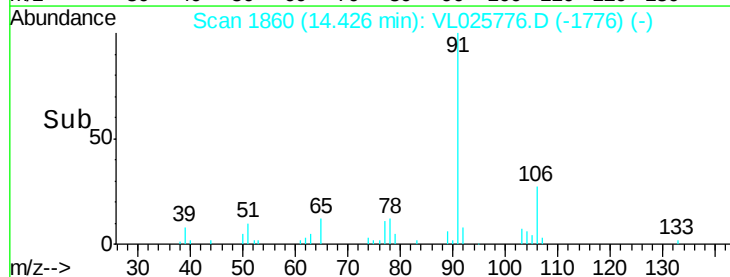
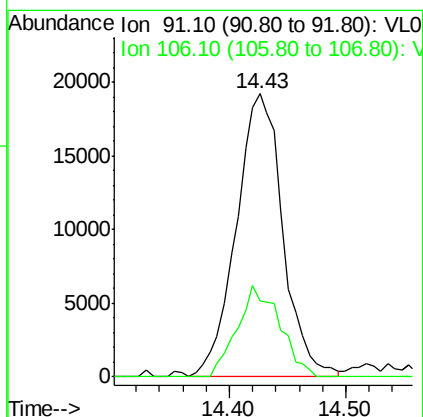
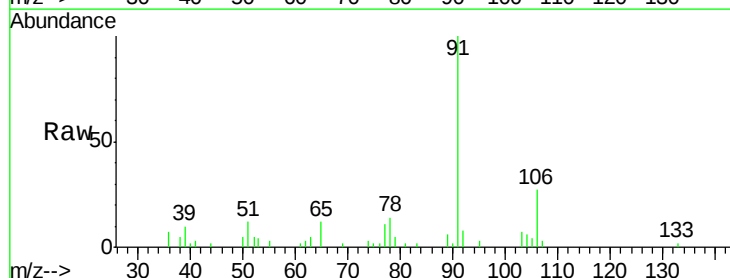
Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-072315

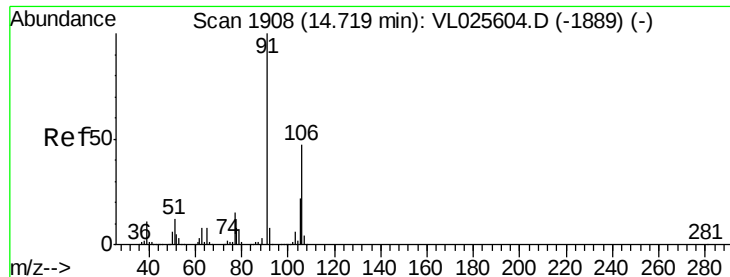
Tot Ion:112 Resp: 10140
Ion Ratio Lower Upper
112 100
77 19.5 55.2 82.8#
114 0.0 29.4 36.0#



#58
Ethyl Benzene
Concen: 0.15 ppbv
RT: 14.43 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Tgt Ion: 91 Resp: 53494
Ion Ratio Lower Upper
91 100
106 26.9 24.2 36.2

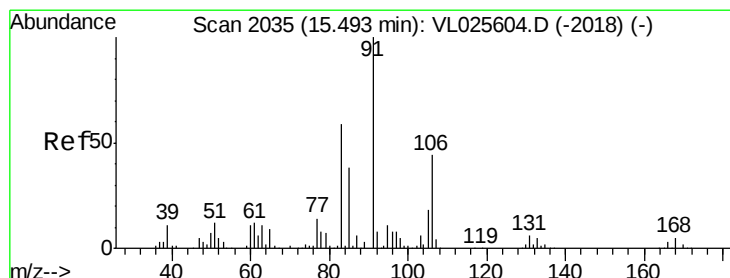
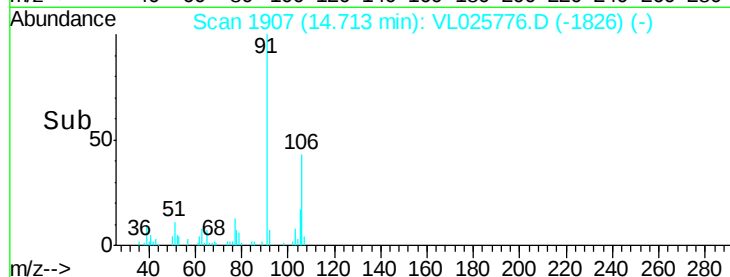
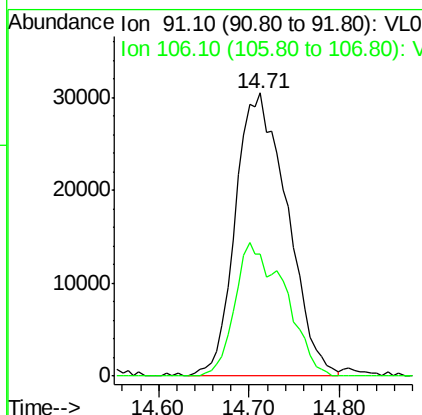
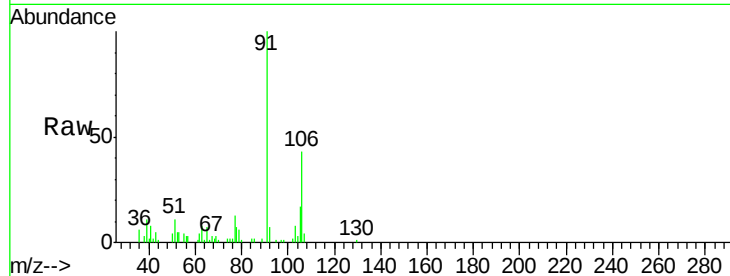




#59
m/p-Xylene
Concen: 0.38 ppbv
RT: 14.71 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

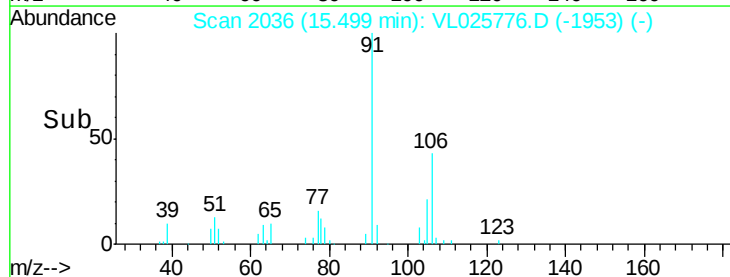
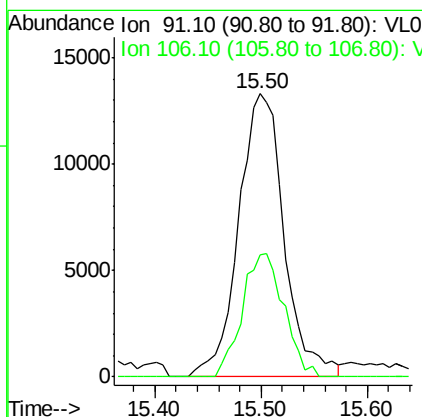
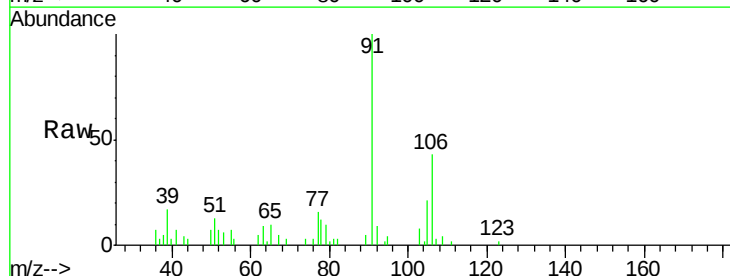
Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-072315

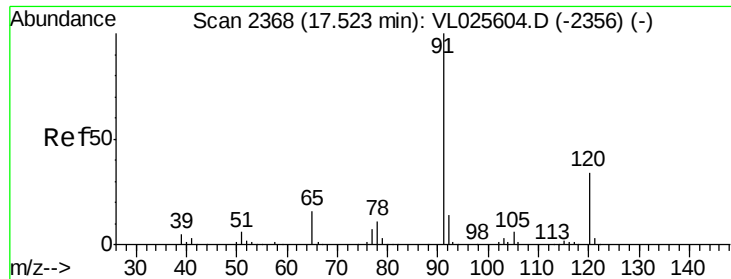
Tot Ion: 91 Resp: 120986
Ion Ratio Lower Upper
91 100
106 45.5 37.9 56.9



#60
o-Xylene
Concen: 0.12 ppbv
RT: 15.50 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Tgt Ion: 91 Resp: 39874
Ion Ratio Lower Upper
91 100
106 39.9 22.1 66.1





#64

n-propylbenzene

Concen: 0.04 ppbv

RT: 17.53 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

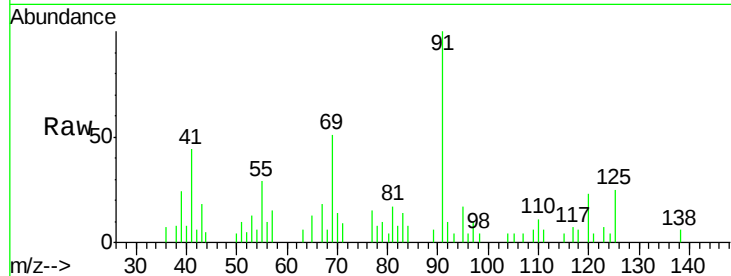
DIN46-INFLUENT-072315

Tot Ion:120 Resp: 4989

Ion Ratio Lower Upper

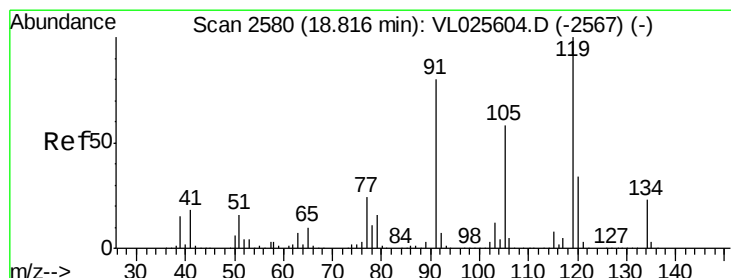
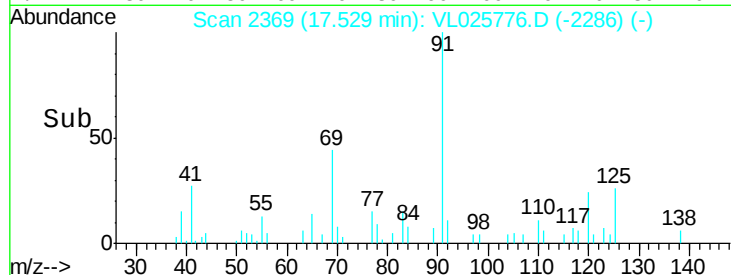
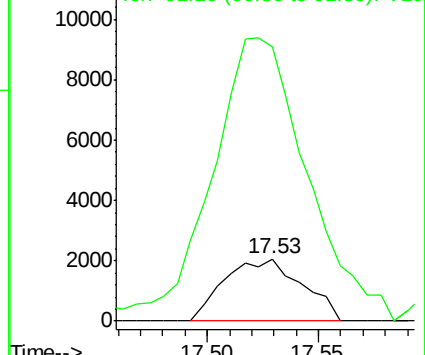
120 100

91 624.5 370.5 555.7#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.08 ppbv

RT: 18.83 min Scan# 2582

Delta R.T. 0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

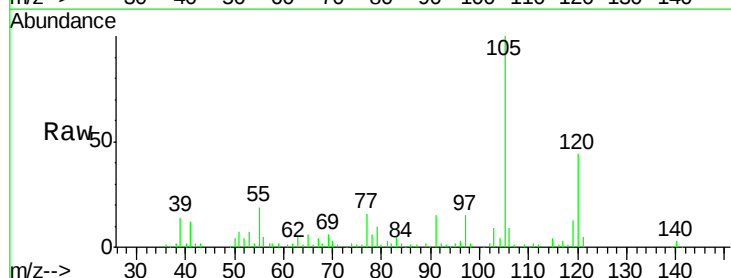
Tgt Ion:119 Resp: 32883

Ion Ratio Lower Upper

119 100

91 134.6 64.5 96.7#

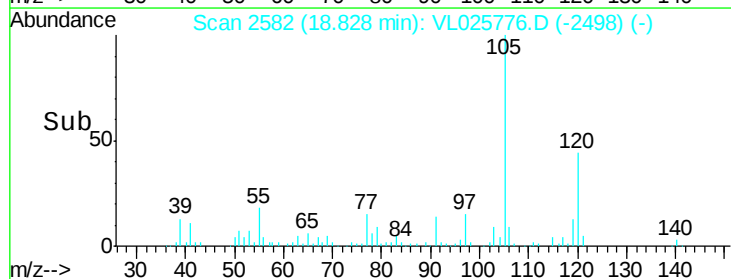
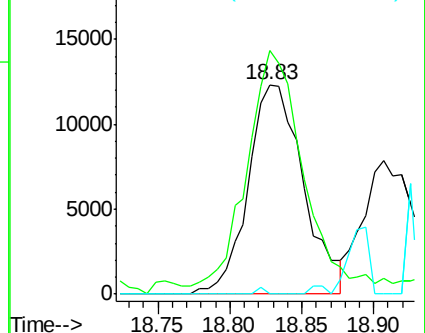
134 0.0 17.4 26.0#

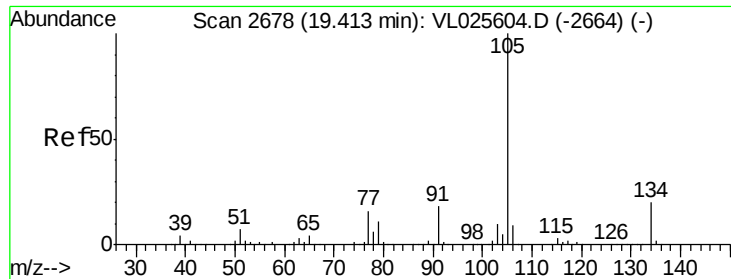


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

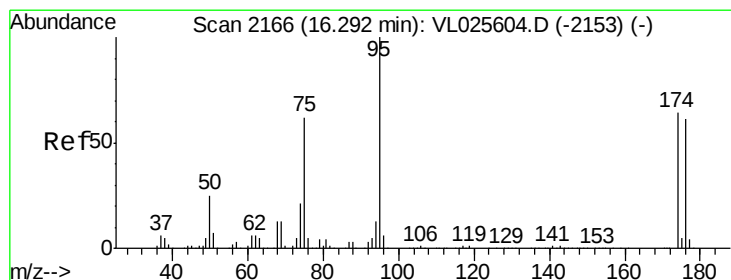
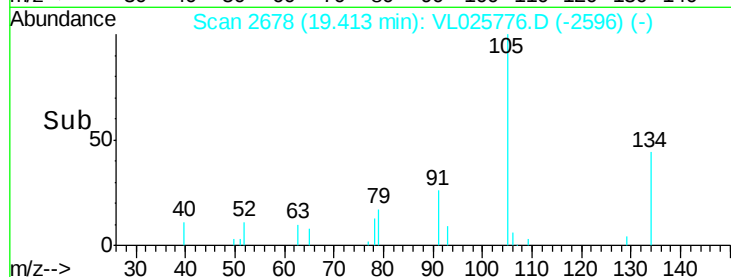
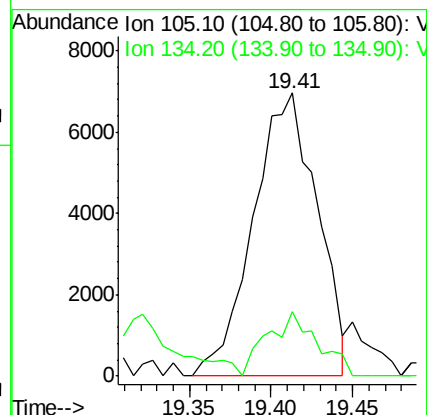
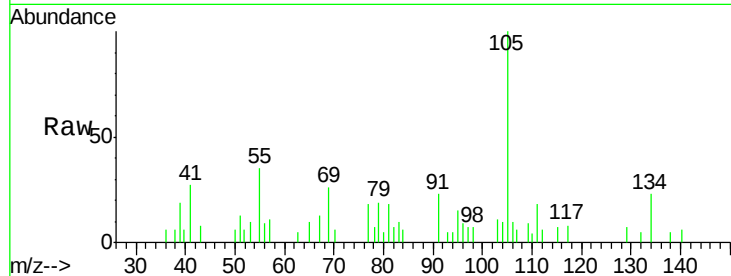




#67
 sec-Butylbenzene
 Concen: 0.03 ppbv
 RT: 19.41 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VL025776.D
 Acq: 28 Jul 2015 6:20

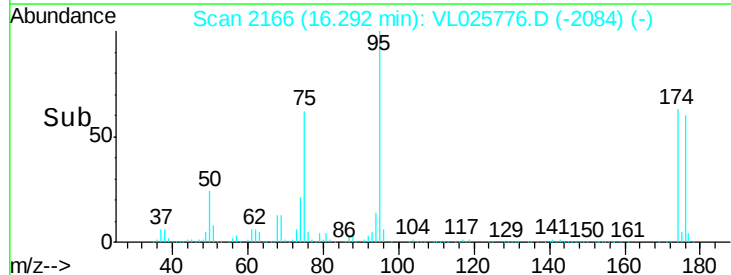
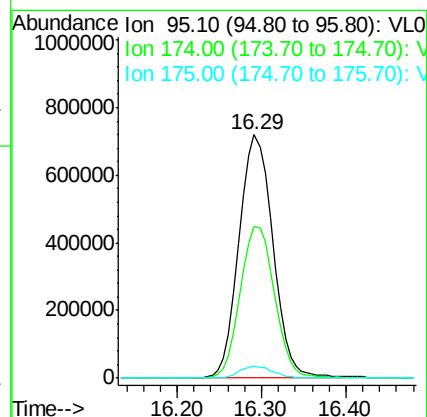
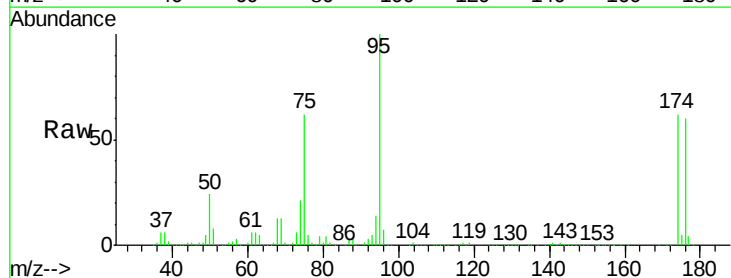
Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-072315

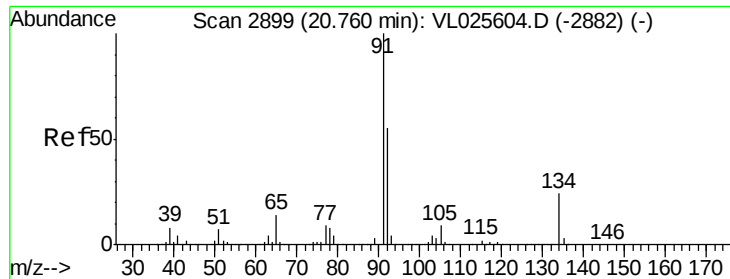
Tot Ion: 105 Resp: 18982
 Ion Ratio Lower Upper
 105 100
 134 17.8 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.69 ppbv
 RT: 16.29 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VL025776.D
 Acq: 28 Jul 2015 6:20

Tgt Ion: 95 Resp: 1965203
 Ion Ratio Lower Upper
 95 100
 174 63.6 52.0 78.0
 175 4.9 3.9 5.9

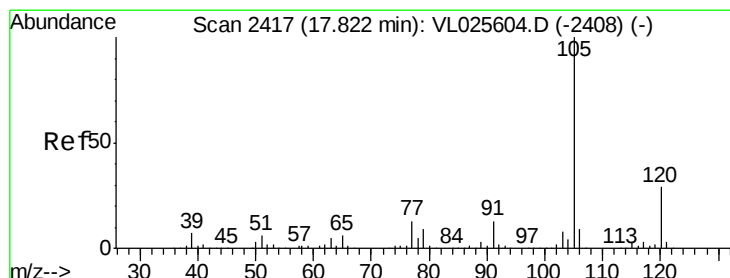
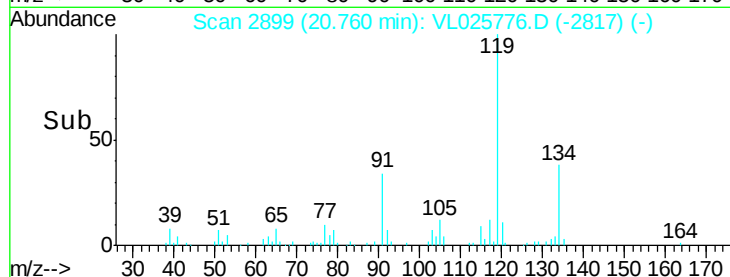
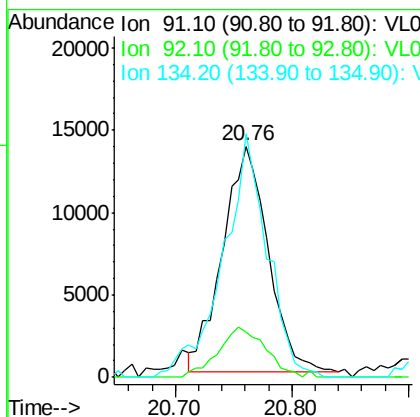
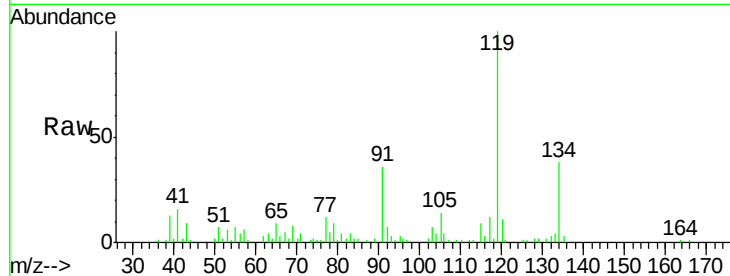




#70
n-Butylbenzene
Concen: 0.07 ppbv
RT: 20.76 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

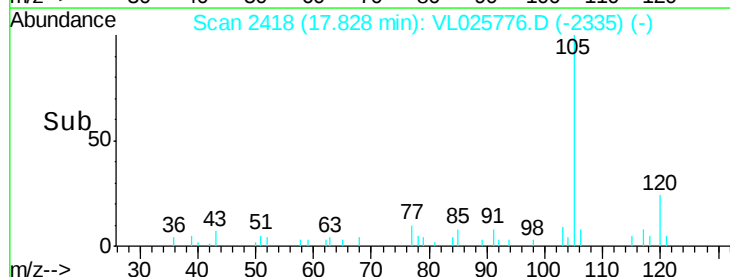
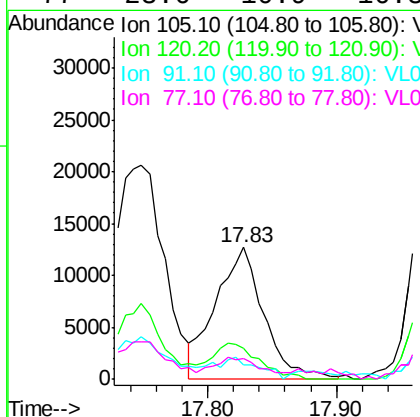
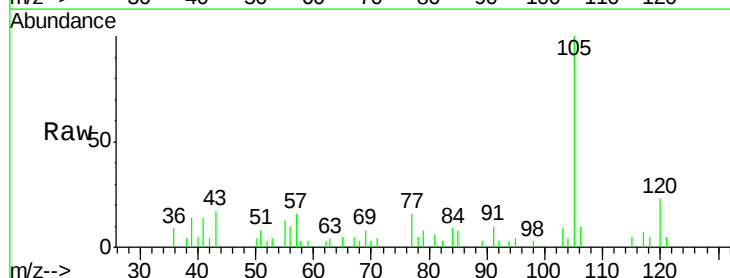
Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-072315

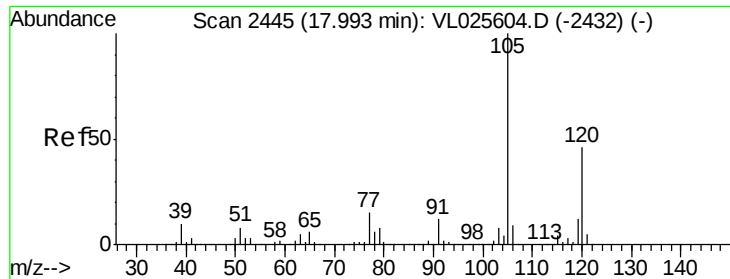
Tot Ion: 91 Resp: 37058
Ion Ratio Lower Upper
91 100
92 23.5 44.3 66.5#
134 105.7 19.4 29.2#



#72
4-Ethyltoluene
Concen: 0.09 ppbv
RT: 17.83 min Scan# 2418
Delta R.T. 0.01 min
Lab File: VL025776.D
Acq: 28 Jul 2015 6:20

Tgt Ion: 105 Resp: 33241
Ion Ratio Lower Upper
105 100
120 27.8 23.9 35.9
91 5.9 10.3 15.5#
77 23.6 10.9 16.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.37 ppbv

RT: 17.99 min Scan# 2444

Delta R.T. -0.01 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Instrument :

MSVOA_L

ClientSampleId :

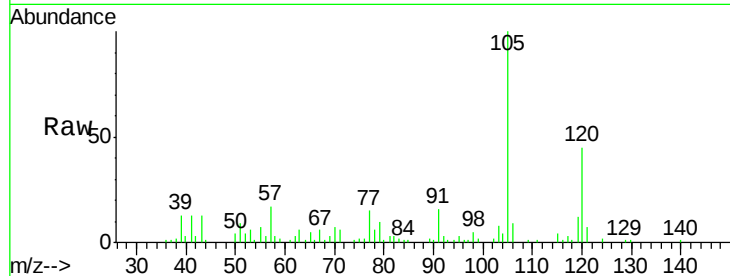
DIN46-INFLUENT-072315

Tot Ion:105 Resp: 136066

Ion Ratio Lower Upper

105 100

120 45.5 37.0 55.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

17.99

60000

50000

40000

30000

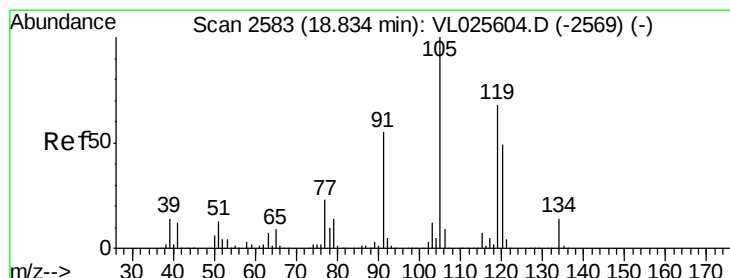
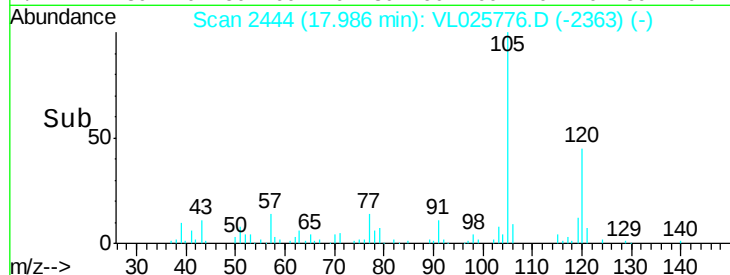
20000

10000

0

17.90 18.00 18.10

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.65 ppbv

RT: 18.83 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VL025776.D

Acq: 28 Jul 2015 6:20

Tgt Ion:105 Resp: 270832

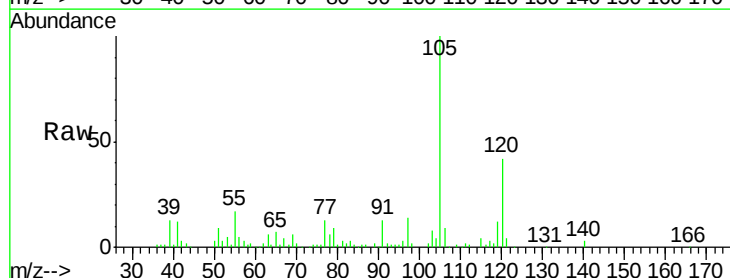
Ion Ratio Lower Upper

105 100

120 41.7 39.3 58.9

91 12.7 43.8 65.6#

77 12.3 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

18.83

150000

100000

50000

0

18.70 18.80 18.90

Time-->

