

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102115\
 Data File : VL026241.D
 Acq On : 21 Oct 2015 17:07
 Operator : SY/MD
 Sample : G4086-01DL 1000X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45INFLUENT-100215DL

Quant Time: Oct 22 17:29:52 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
 QLast Update : Wed Oct 21 01:20:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.62	49	473146	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.30	114	1384987	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.71	117	1600189	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.25	95	1299396	10.53	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

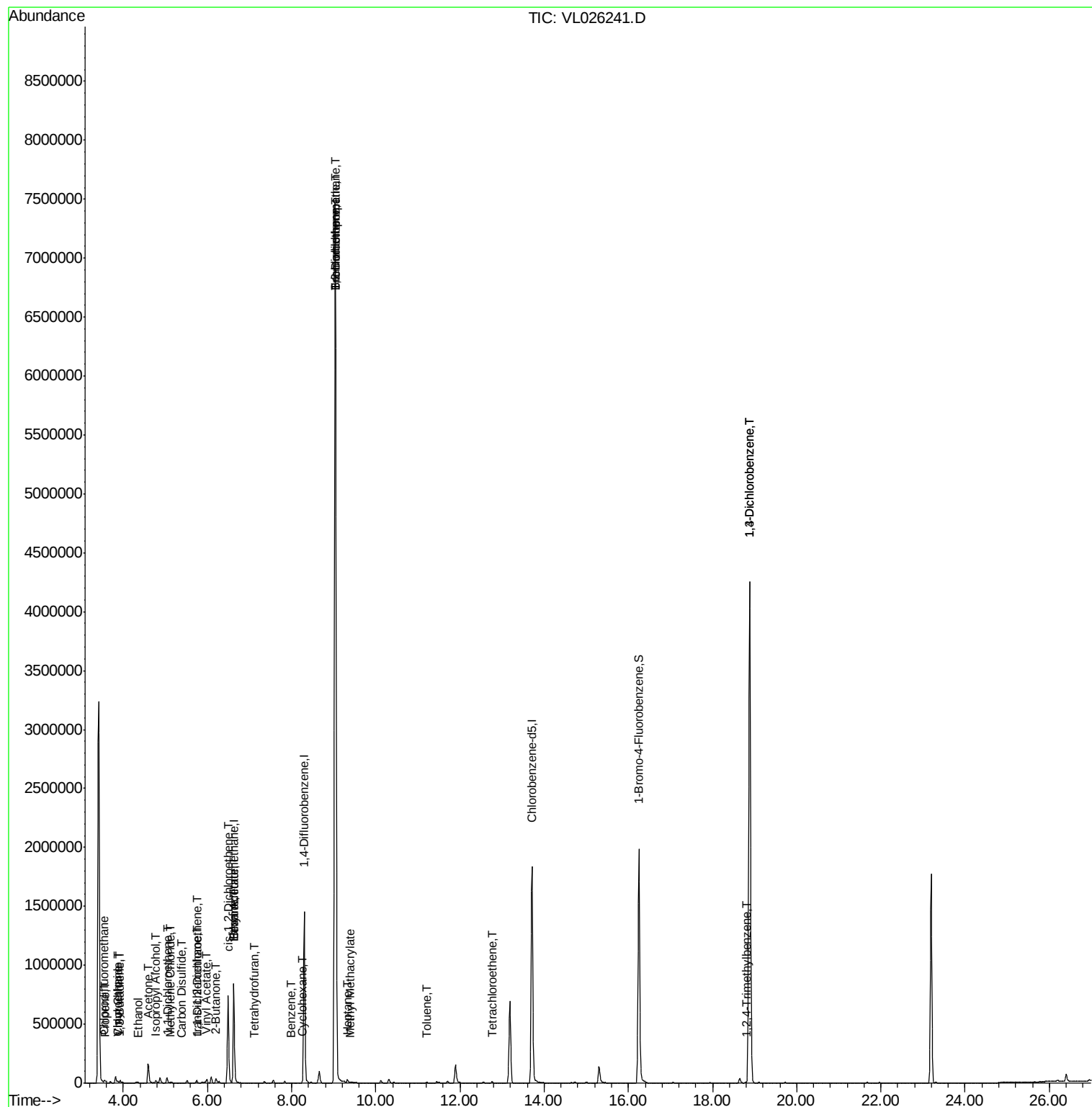
Target Compounds						Ovalue
3) Chlorodifluoromethane	3.55	51	12275	0.20	ppbv	94
5) Vinyl Chloride	3.87	62	15488	0.46	ppbv	96
7) Chloroethane	3.87	64	4586	0.32	ppbv #	43
9) Propene	3.57	41	3139	0.11	ppbv #	79
10) Heptane	9.32	43	11106	0.12	ppbv	97
13) Ethanol	4.34	45	4991	1.19	ppbv	85
15) Acetone	4.59	43	221843	3.19	ppbv	95
16) 1,3-Butadiene	3.93	39	4774	0.15	ppbv #	7
18) 1,1-Dichloroethene	5.06	96	1474	0.05	ppbv #	32
19) Isopropyl Alcohol	4.77	45	9903	0.36	ppbv #	1
20) Methylene Chloride	5.13	84	3243	0.12	ppbv #	91
22) trans-1,2-Dichloroethene	5.74	96	8452	0.22	ppbv #	80
23) Vinyl Acetate	5.98	43	37062	0.29	ppbv #	73
24) 1,1-Dichloroethane	5.74	63	4452	0.05	ppbv #	1
25) Ethyl Acetate	6.63	43	4470	0.03	ppbv #	75
26) Hexane	6.63	57	11234	0.17	ppbv #	51
27) Carbon Disulfide	5.37	76	3280	0.04	ppbv #	10
30) Cyclohexane	8.25	84	3783	0.06	ppbv #	31
31) cis-1,2-Dichloroethene	6.49	61	503592	8.50	ppbv	99
34) 2-Butanone	6.20	43	56829	0.73	ppbv	99
36) Benzene	7.99	78	3229	0.02	ppbv #	84
38) Trichloroethene	9.04	130	3403560	49.73	ppbv	94
39) 1,2-Dichloropropane	9.03	63	14680	0.30	ppbv #	1
41) Tetrahydrofuran	7.12	42	984	0.02	ppbv #	34
42) Bromodichloromethane	9.04	83	46036	0.44	ppbv #	94
43) Methyl Methacrylate	9.39	69	1699	0.03	ppbv #	1
52) Tetrachloroethene	12.76	164	4903	0.06	ppbv	93
53) Toluene	11.21	91	10267	0.05	ppbv	100
74) 1,2,4-Trimethylbenzene	18.80	105	13741	0.06	ppbv #	69
75) 1,3-Dichlorobenzene	18.88	146	3644	0.02	ppbv #	1
76) 1,4-Dichlorobenzene	18.88	146	3644	0.02	ppbv #	1

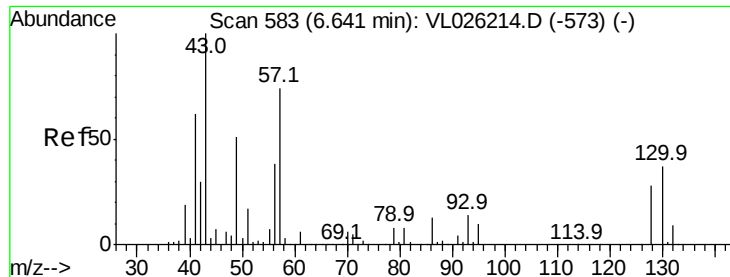
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ERD45INFLUENT-100215DL

Quant Time: Oct 22 17:29:52 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Oct 21 01:20:55 2015
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.62 min Scan# 580

Delta R.T. -0.02 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT-100215DL

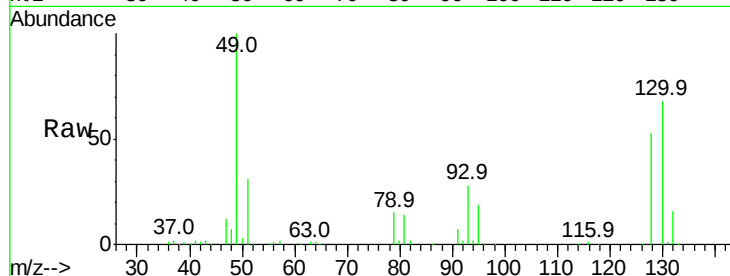
Tot Ion: 49 Resp: 473146

Ion Ratio Lower Upper

49 100

128 56.3 28.2 84.7

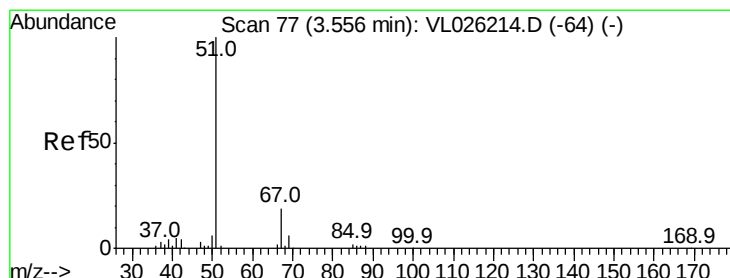
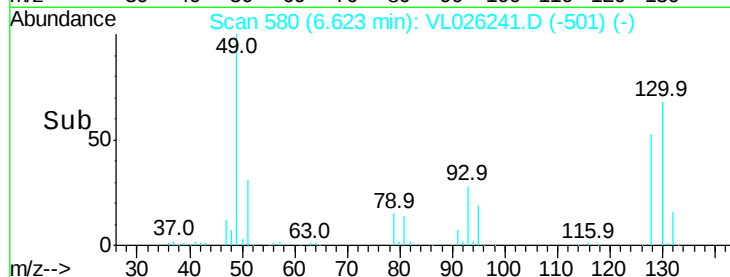
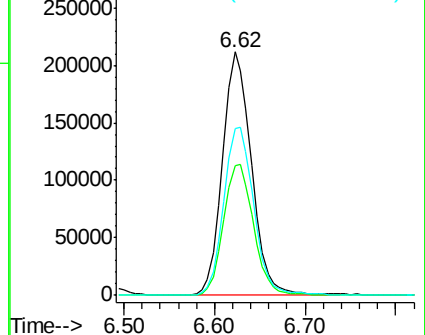
130 71.9 36.0 108.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.20 ppbv

RT: 3.55 min Scan# 76

Delta R.T. -0.01 min

Lab File: VL026241.D

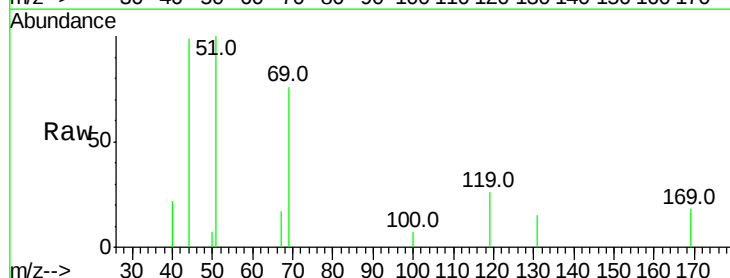
Acq: 21 Oct 2015 17:07

Tgt Ion: 51 Resp: 12275

Ion Ratio Lower Upper

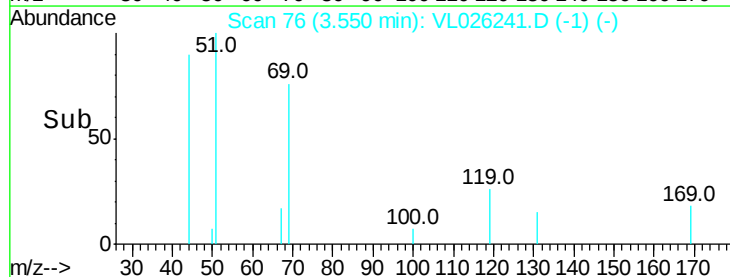
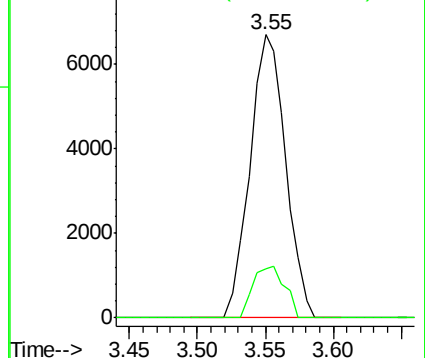
51 100

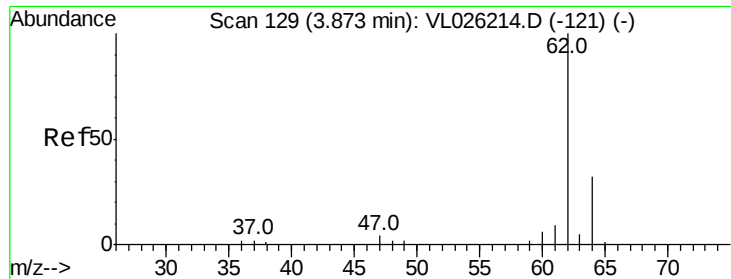
67 16.2 15.3 22.9



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#5

Vinyl Chloride

Concen: 0.46 ppbv

RT: 3.87 min Scan# 129

Delta R.T. -0.00 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

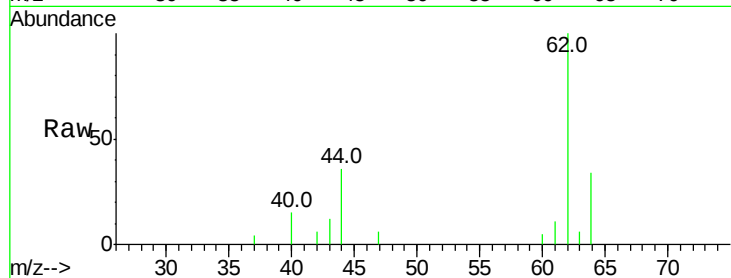
ERD45INFLUENT-100215DL

Tot Ion: 62 Resp: 15488

Ion Ratio Lower Upper

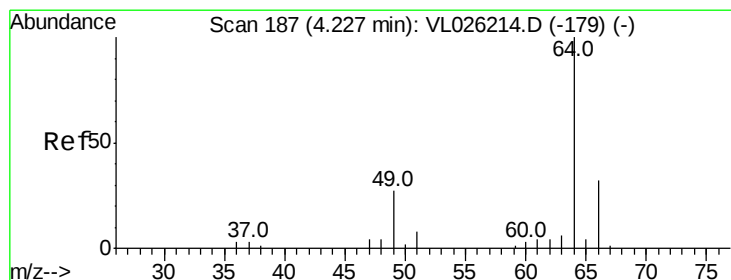
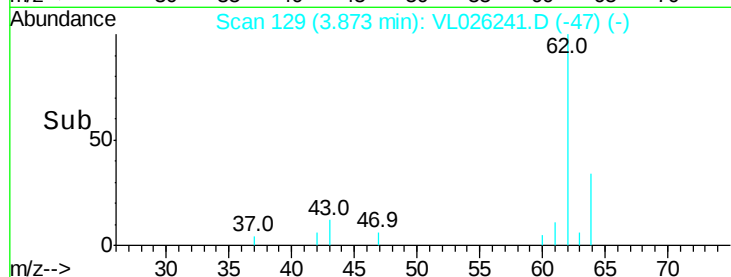
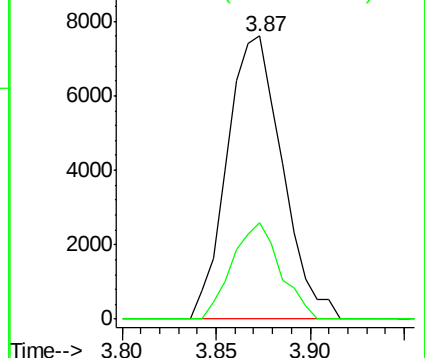
62 100

64 34.0 25.6 38.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#7

Chloroethane

Concen: 0.32 ppbv

RT: 3.87 min Scan# 129

Delta R.T. -0.35 min

Lab File: VL026241.D

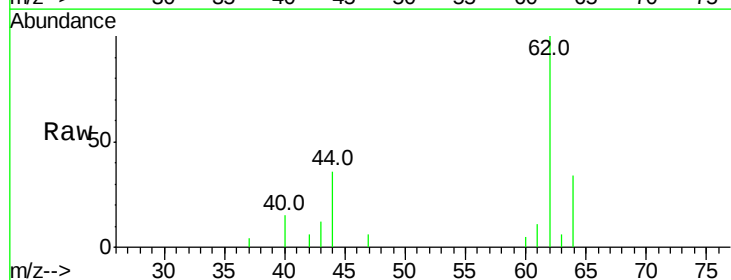
Acq: 21 Oct 2015 17:07

Tgt Ion: 64 Resp: 4586

Ion Ratio Lower Upper

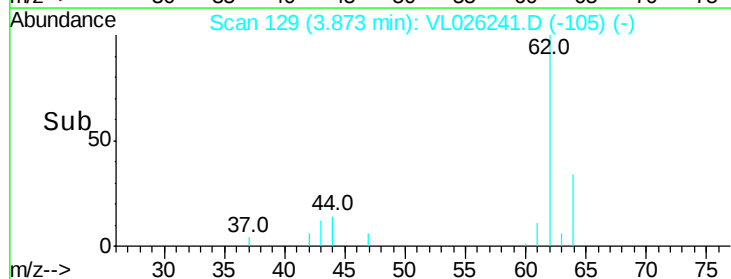
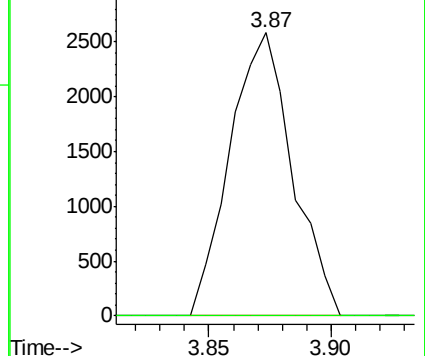
64 100

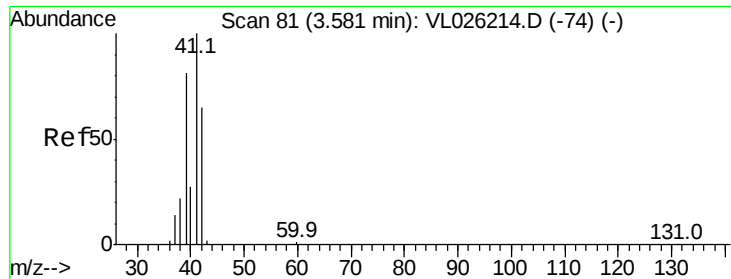
66 0.0 25.4 38.0#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 0.11 ppbv

RT: 3.57 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

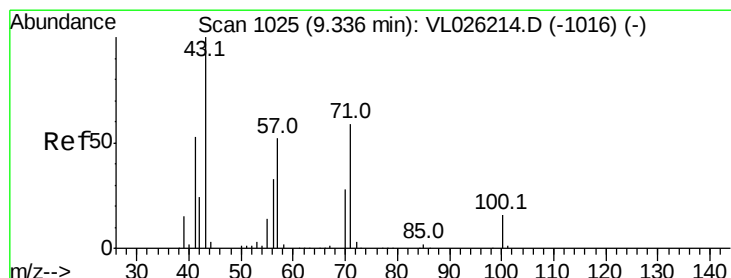
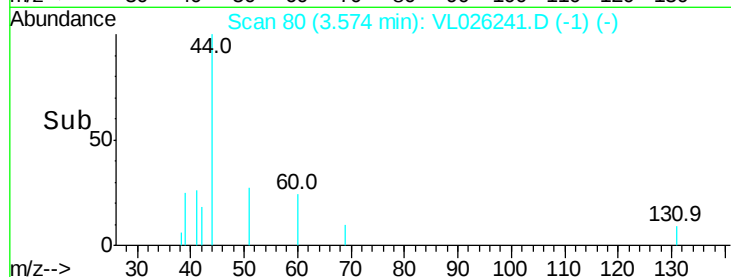
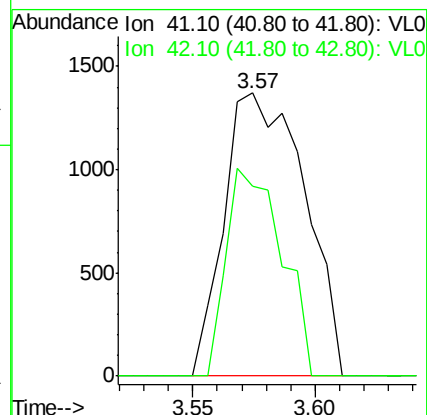
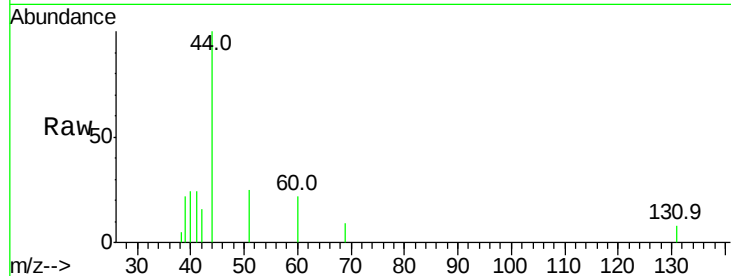
ERD45INFLUENT-100215DL

Tot Ion: 41 Resp: 3139

Ion Ratio Lower Upper

41 100

42 50.8 53.8 80.8#



#10

Heptane

Concen: 0.12 ppbv

RT: 9.32 min Scan# 1023

Delta R.T. -0.01 min

Lab File: VL026241.D

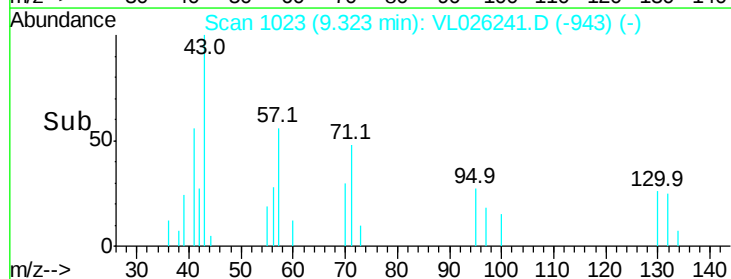
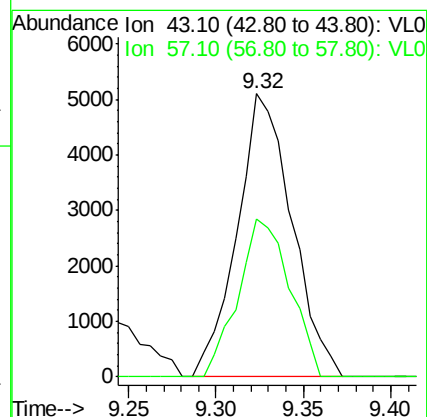
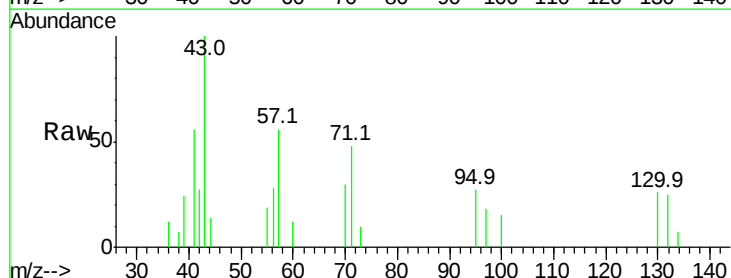
Acq: 21 Oct 2015 17:07

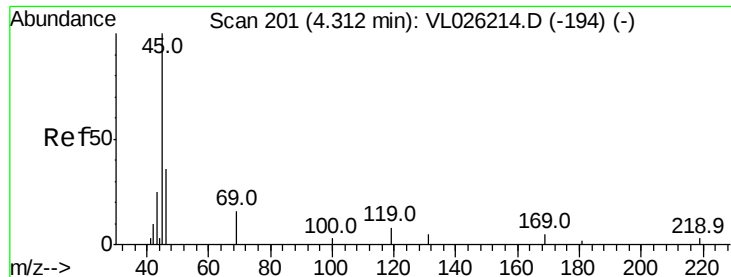
Tgt Ion: 43 Resp: 11106

Ion Ratio Lower Upper

43 100

57 52.6 43.7 65.5





#13

Ethanol

Concen: 1.19 ppbv

RT: 4.34 min Scan# 206

Delta R.T. 0.03 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

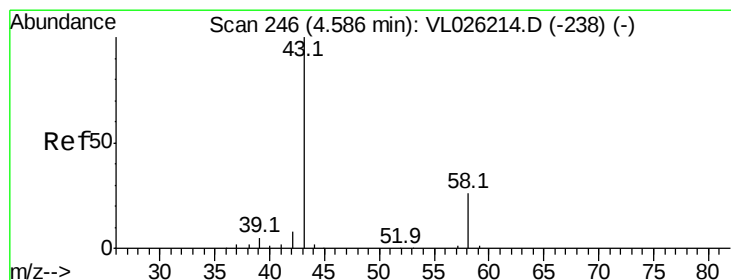
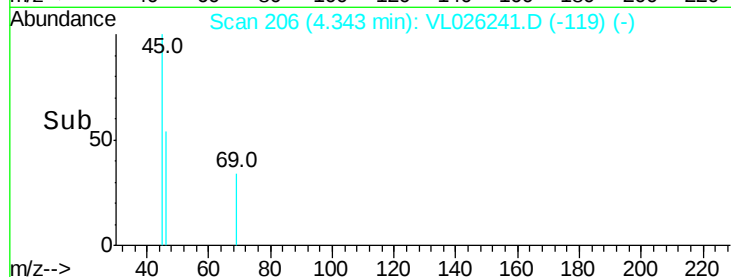
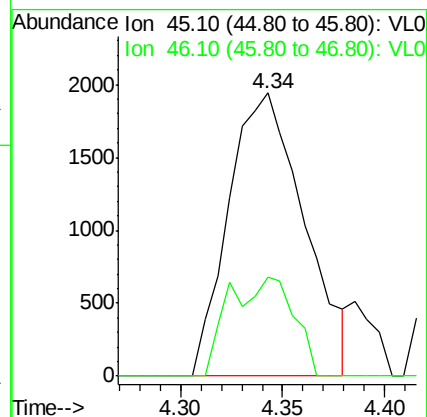
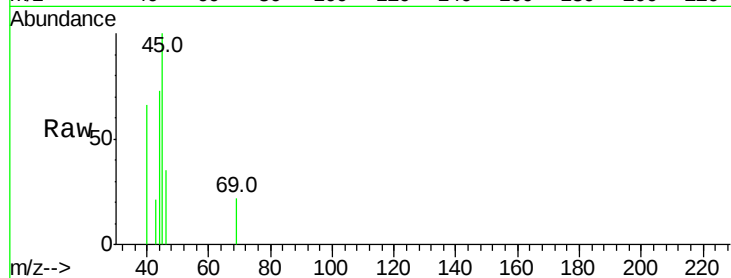
ERD45INFLUENT-100215DL

Tot Ion: 45 Resp: 4991

Ion Ratio Lower Upper

45 100

46 30.1 15.8 63.0



#15

Acetone

Concen: 3.19 ppbv

RT: 4.59 min Scan# 247

Delta R.T. 0.01 min

Lab File: VL026241.D

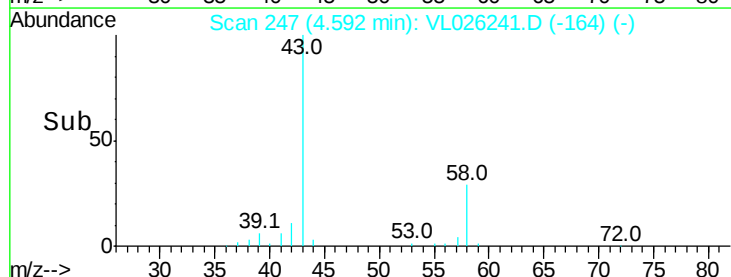
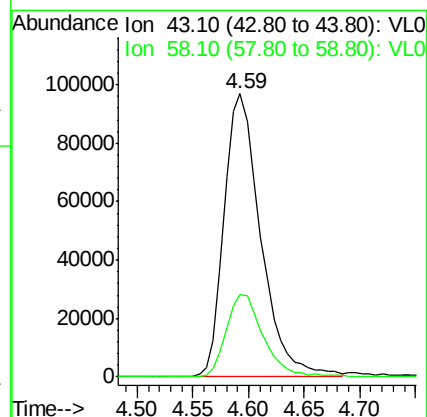
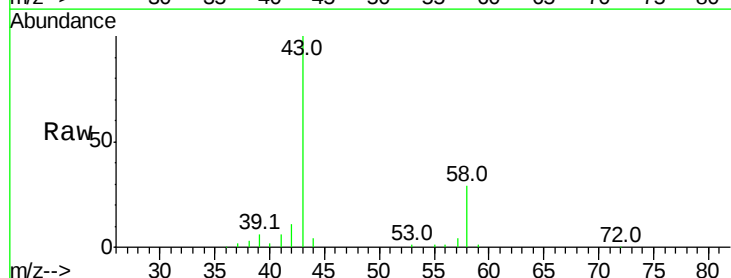
Acq: 21 Oct 2015 17:07

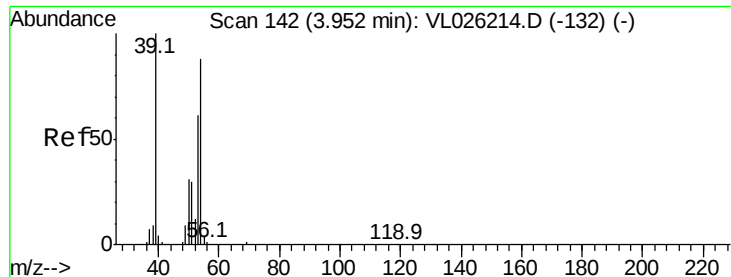
Tgt Ion: 43 Resp: 221843

Ion Ratio Lower Upper

43 100

58 29.6 21.8 32.6

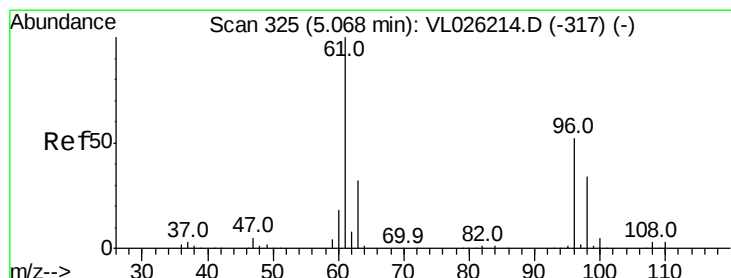
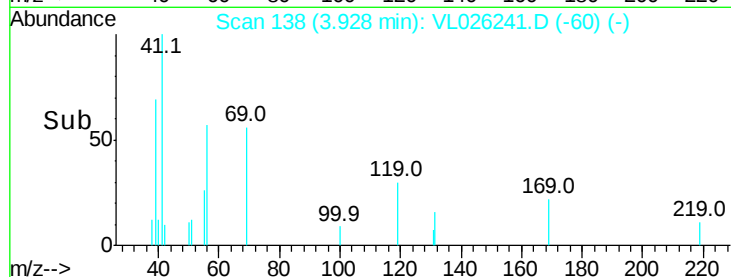
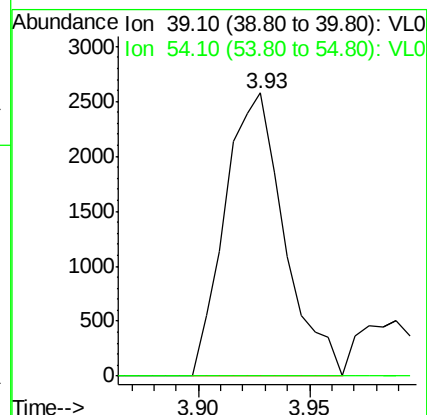
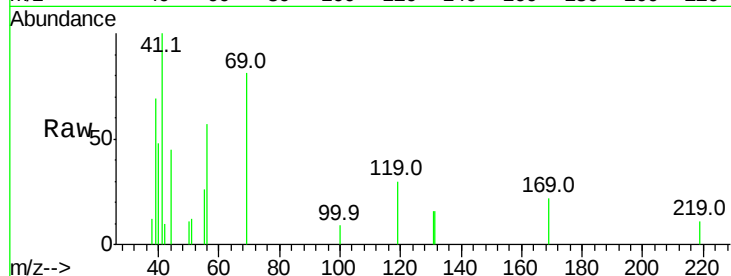




#16
 1,3-Butadiene
 Concen: 0.15 ppbv
 RT: 3.93 min Scan# 138
 Delta R.T. -0.02 min
 Lab File: VL026241.D
 Acq: 21 Oct 2015 17:07

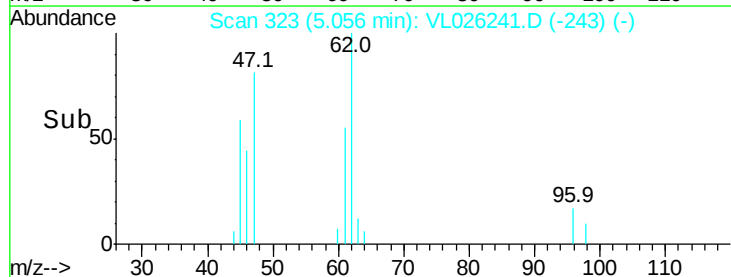
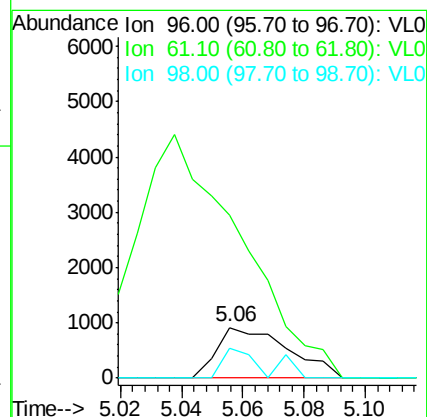
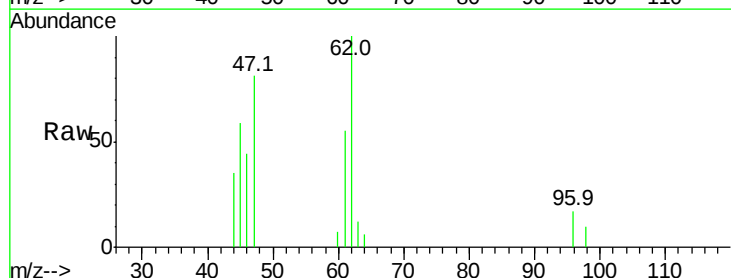
Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45INFLUENT-100215DL

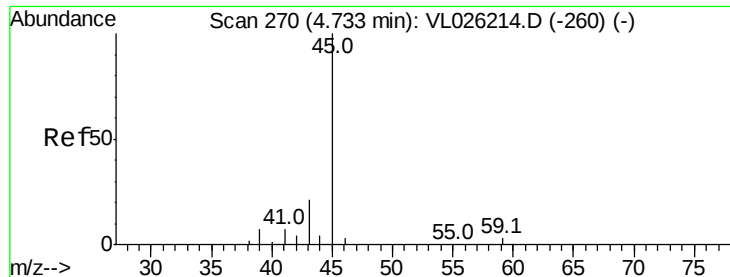
Tot Ion: 39 Resp: 4774
 Ion Ratio Lower Upper
 39 100
 54 0.0 67.3 100.9#



#18
 1,1-Dichloroethene
 Concen: 0.05 ppbv
 RT: 5.06 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VL026241.D
 Acq: 21 Oct 2015 17:07

Tgt Ion: 96 Resp: 1474
 Ion Ratio Lower Upper
 96 100
 61 323.7 153.7 230.5#
 98 59.8 51.6 77.4





#19

Isopropyl Alcohol

Concen: 0.36 ppbv

RT: 4.77 min Scan# 276

Delta R.T. 0.04 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

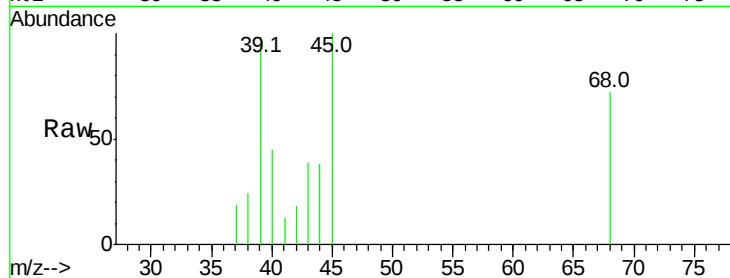
ERD45INFLUENT-100215DL

Tot Ion: 45 Resp: 9903

Ion Ratio Lower Upper

45 100

58 663.3 40.3 60.5#



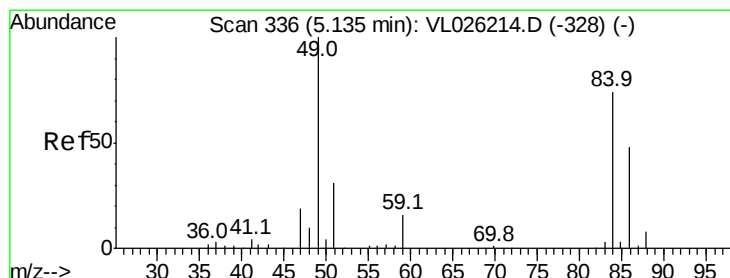
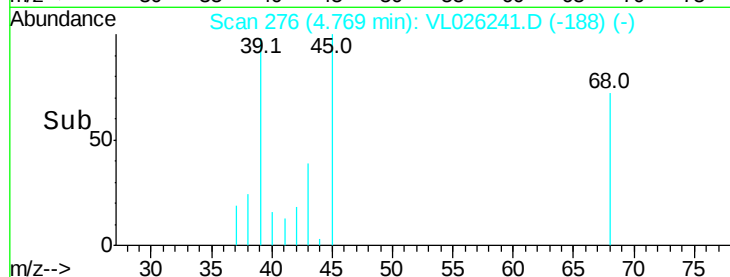
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.77

4.75 4.80

Time-->



#20

Methylene Chloride

Concen: 0.12 ppbv

RT: 5.13 min Scan# 335

Delta R.T. -0.01 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Tgt Ion: 84 Resp: 3243

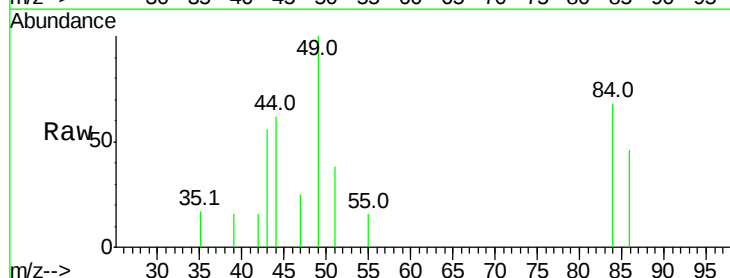
Ion Ratio Lower Upper

84 100

49 146.1 108.7 163.1

51 55.6 33.7 50.5#

86 67.7 52.2 78.2



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

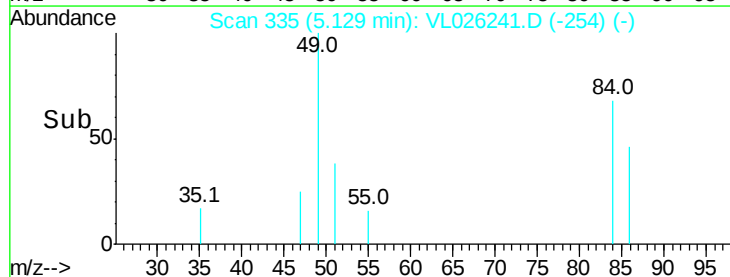
Ion 51.10 (50.80 to 51.80): VL0

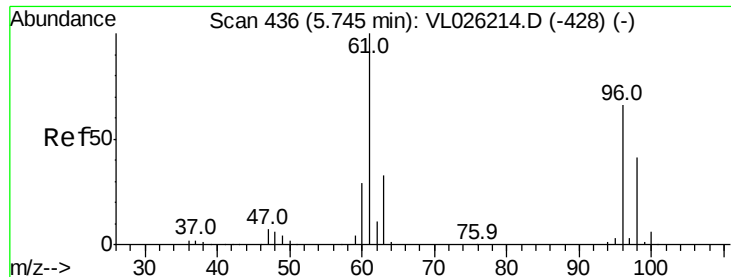
Ion 86.00 (85.70 to 86.70): VL0

5.13

5.10 5.15

Time-->





#22

trans-1,2-Dichloroethene

Concen: 0.22 ppbv

RT: 5.74 min Scan# 436

Delta R.T. -0.00 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT-100215DL

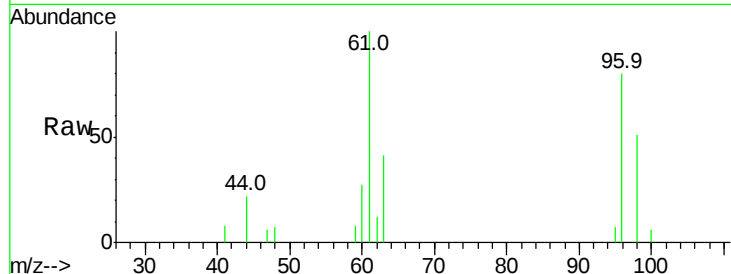
Tot Ion: 96 Resp: 8452

Ion Ratio Lower Upper

96 100

61 117.1 121.5 182.3#

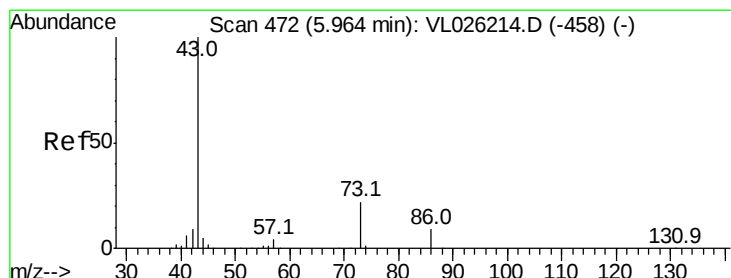
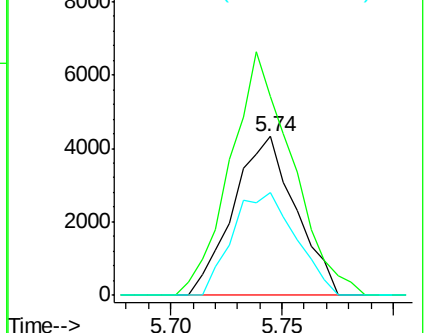
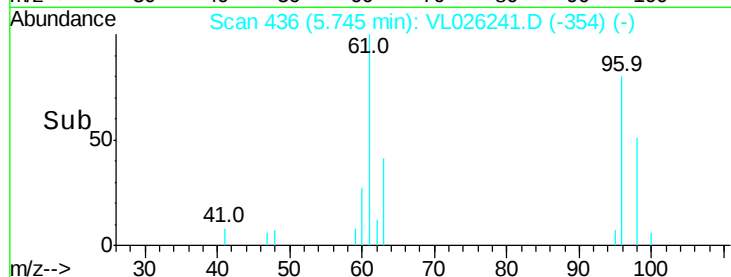
98 64.5 49.7 74.5



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: 0.29 ppbv

RT: 5.98 min Scan# 474

Delta R.T. 0.01 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Tgt Ion: 43 Resp: 37062

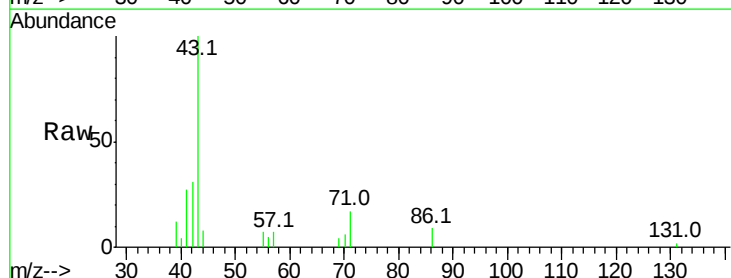
Ion Ratio Lower Upper

43 100

86 9.0 7.0 10.6

42 31.2 7.5 11.3#

44 2.0 3.6 5.4#

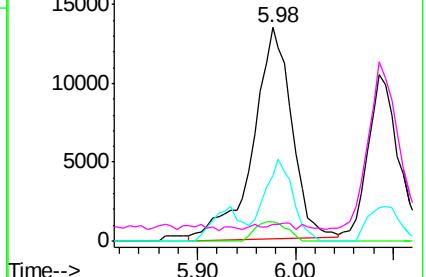
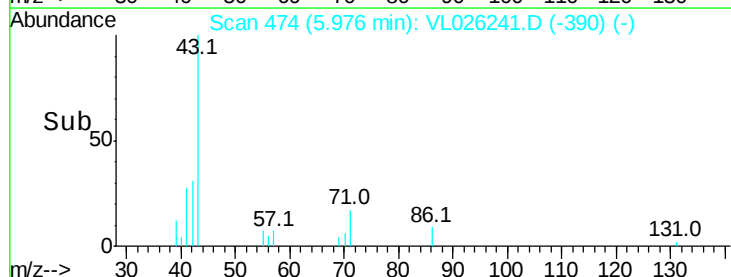


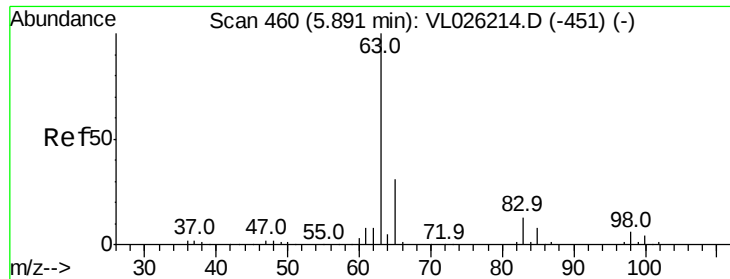
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.05 ppbv

RT: 5.74 min Scan# 436

Delta R.T. -0.15 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT-100215DL

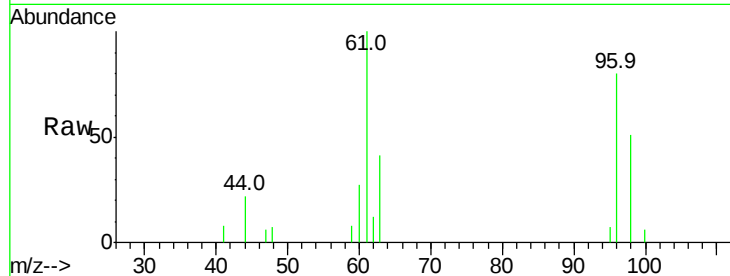
Tot Ion: 63 Resp: 4452

Ion Ratio Lower Upper

63 100

98 124.1 2.9 8.8#

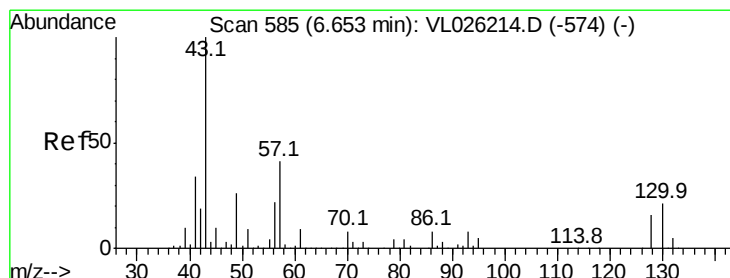
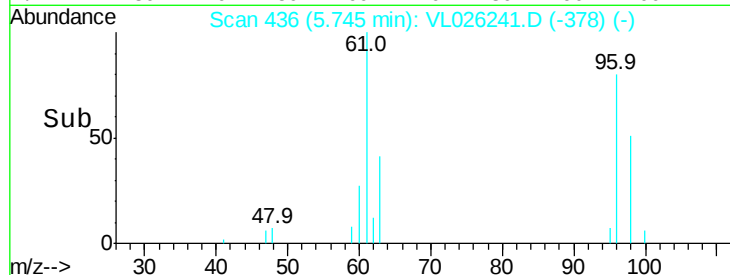
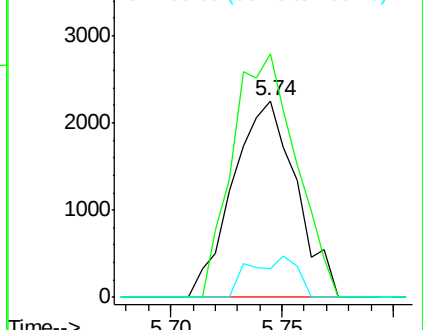
100 14.6 1.8 5.5#



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: 0.03 ppbv

RT: 6.63 min Scan# 582

Delta R.T. -0.02 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Tgt Ion: 43 Resp: 4470

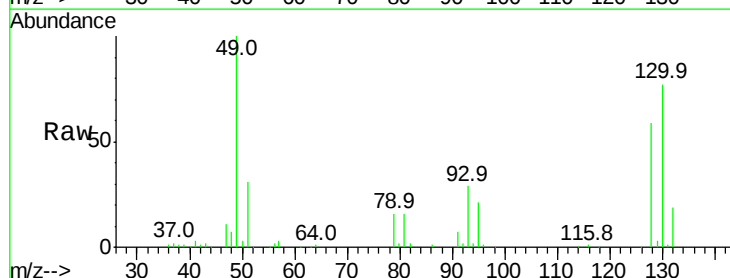
Ion Ratio Lower Upper

43 100

45 0.0 7.7 11.5#

61 0.0 7.5 11.3#

70 0.0 6.9 10.3#

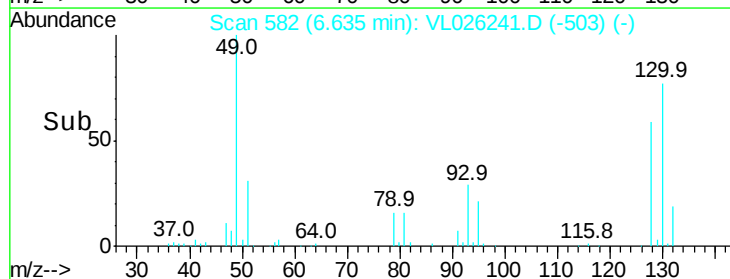
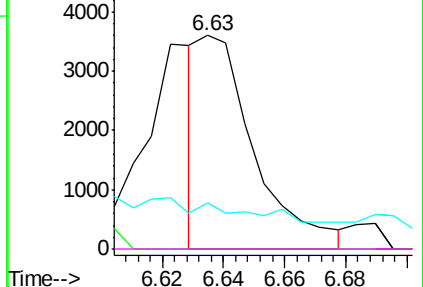


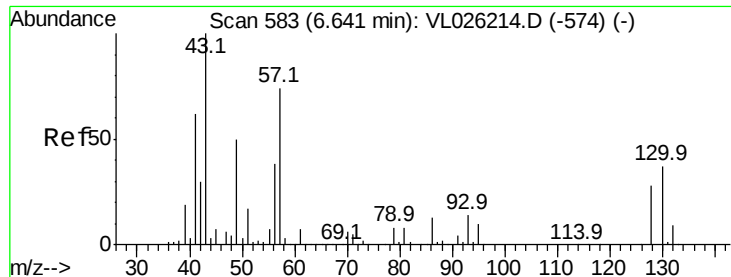
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

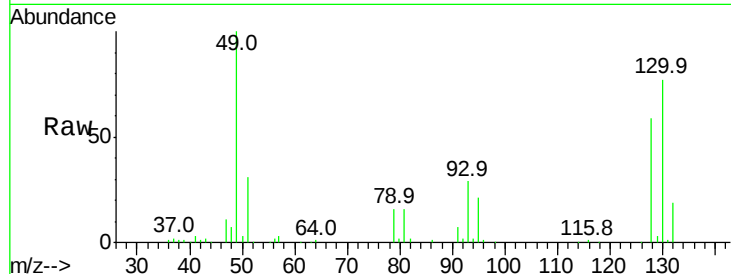




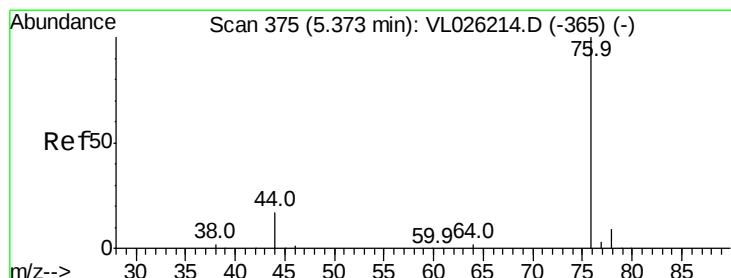
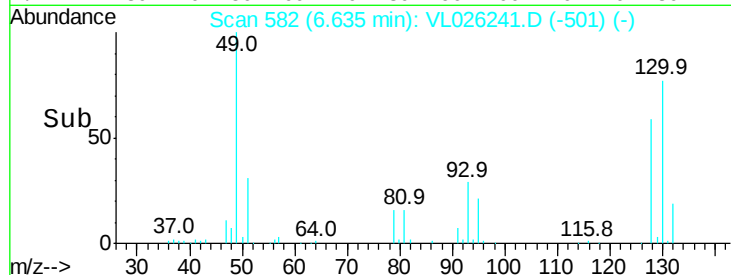
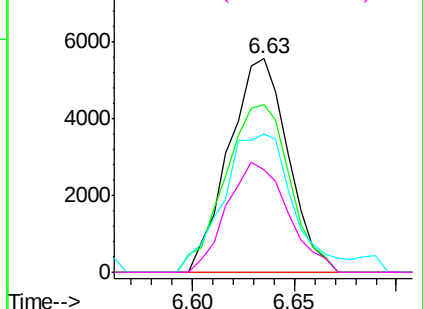
#26
Hexane
Concen: 0.17 ppbv
RT: 6.63 min Scan# 582
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tot Ion: 57 Resp: 11234
Ion Ratio Lower Upper
57 100
41 85.8 68.1 102.1
43 79.6 163.4 245.2#
56 52.7 42.2 63.4

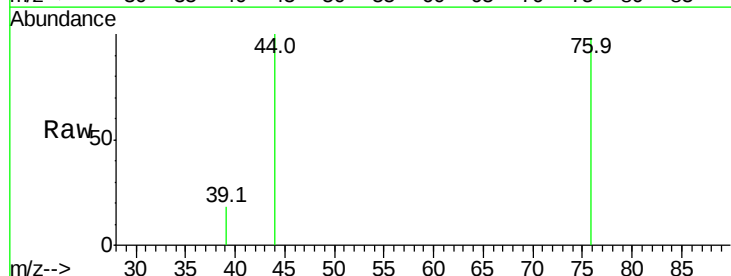


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

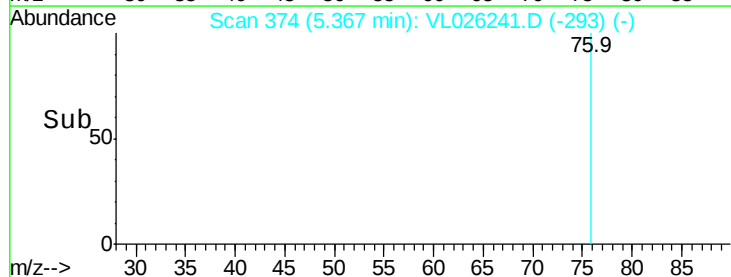
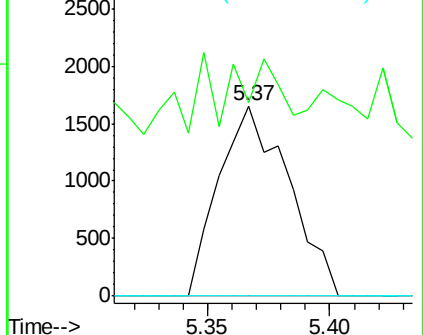


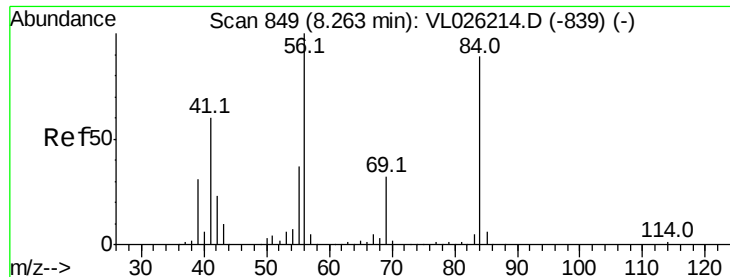
#27
Carbon Disulfide
Concen: 0.04 ppbv
RT: 5.37 min Scan# 374
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 76 Resp: 3280
Ion Ratio Lower Upper
76 100
44 71.7 14.0 21.0#
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

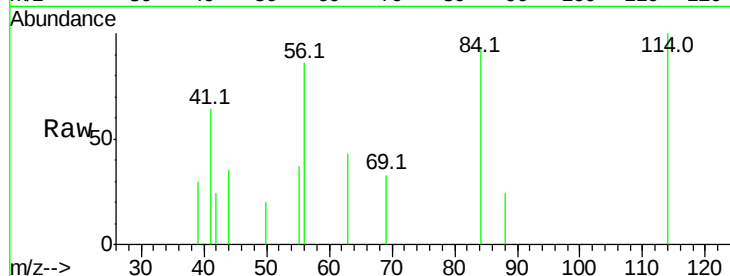




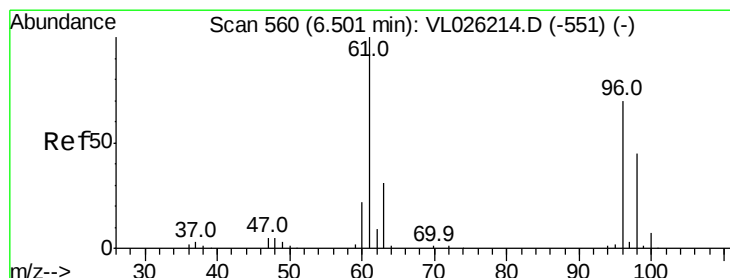
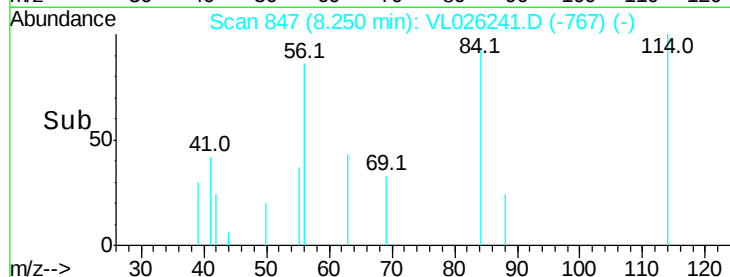
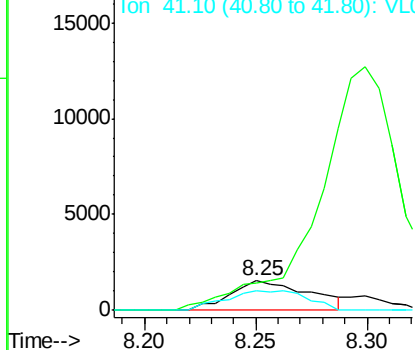
#30
Cvclohexane
Concen: 0.06 ppbv
RT: 8.25 min Scan# 847
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tot Ion: 84 Resp: 3783
Ion Ratio Lower Upper
84 100
56 0.0 95.9 143.9#
41 68.4 54.8 82.2

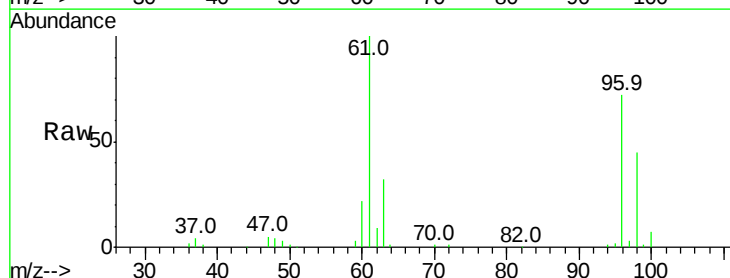


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

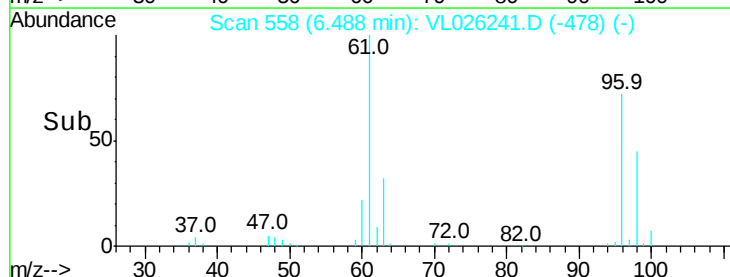
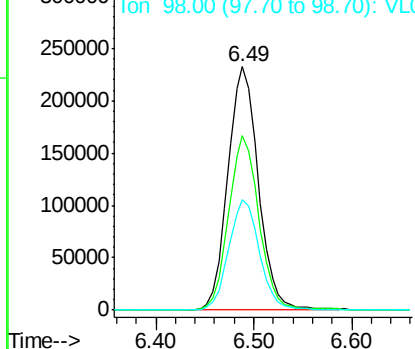


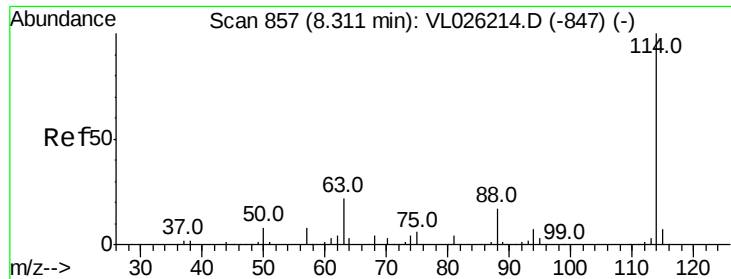
#31
cis-1,2-Dichloroethene
Concen: 8.50 ppbv
RT: 6.49 min Scan# 558
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 61 Resp: 503592
Ion Ratio Lower Upper
61 100
96 71.6 56.0 84.0
98 45.4 36.1 54.1



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



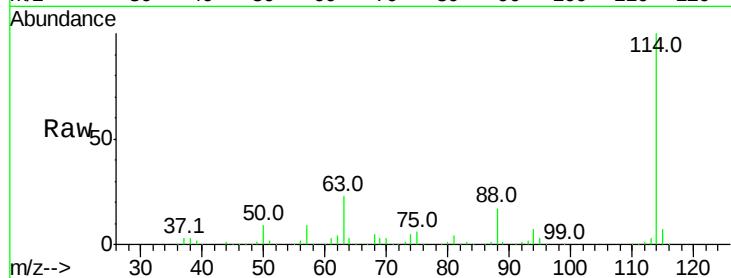


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.30 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VL026241.D
 Acq: 21 Oct 2015 17:07

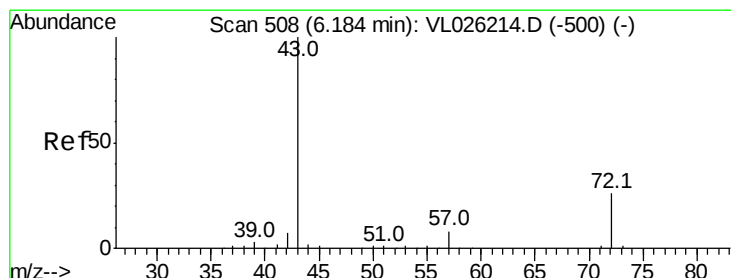
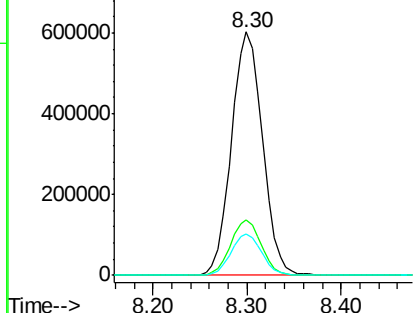
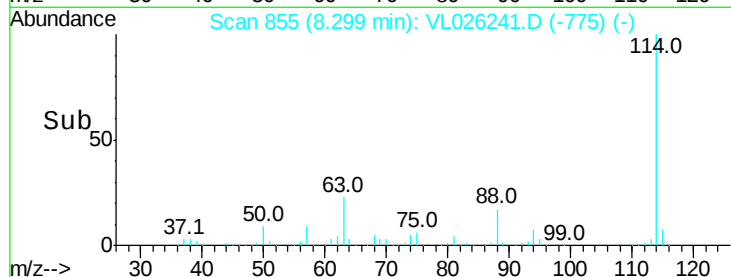
Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45INFLUENT-100215DL

Tot Ion:114 Resp: 1384987

Ion	Ratio	Lower	Upper
114	100		
63	22.6	18.2	27.4
88	16.7	13.5	20.3



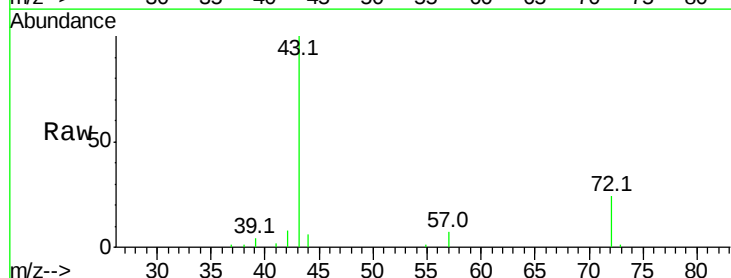
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



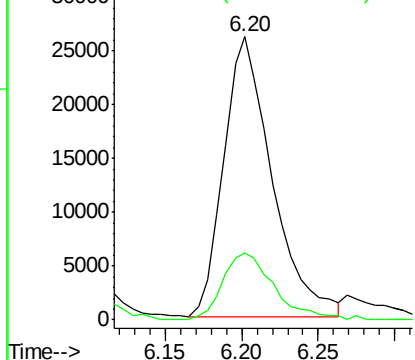
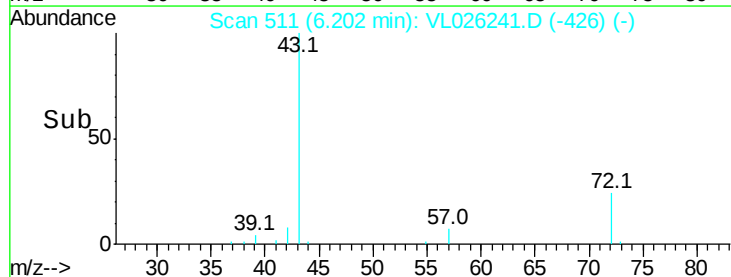
#34
 2-Butanone
 Concen: 0.73 ppbv
 RT: 6.20 min Scan# 511
 Delta R.T. 0.02 min
 Lab File: VL026241.D
 Acq: 21 Oct 2015 17:07

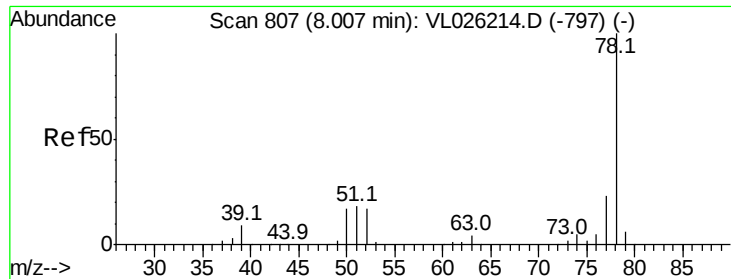
Tgt Ion: 43 Resp: 56829

Ion	Ratio	Lower	Upper
43	100		
72	25.7	20.1	30.1



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

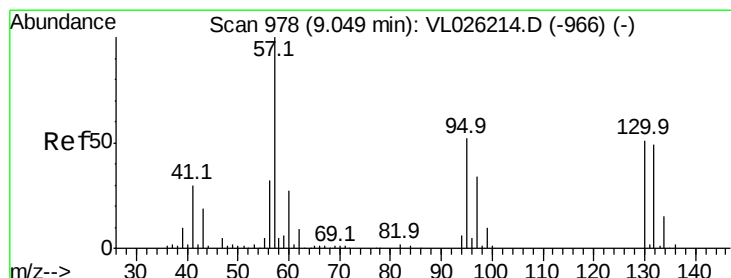
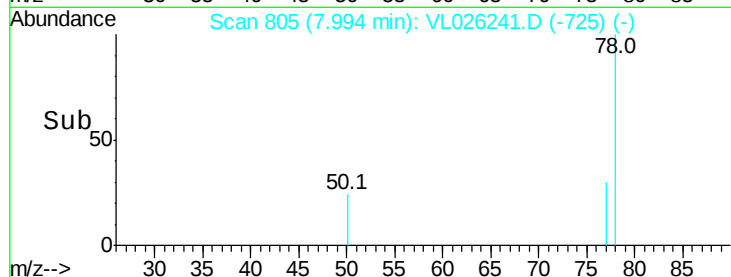
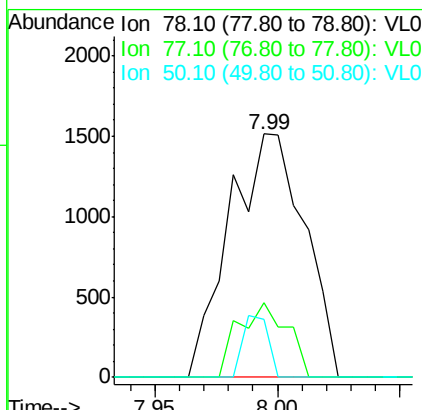
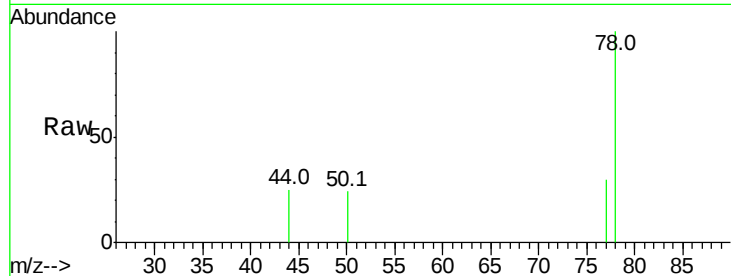




#36
Benzene
Concen: 0.02 ppbv
RT: 7.99 min Scan# 805
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

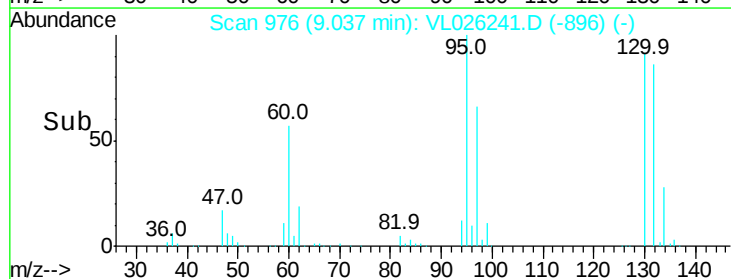
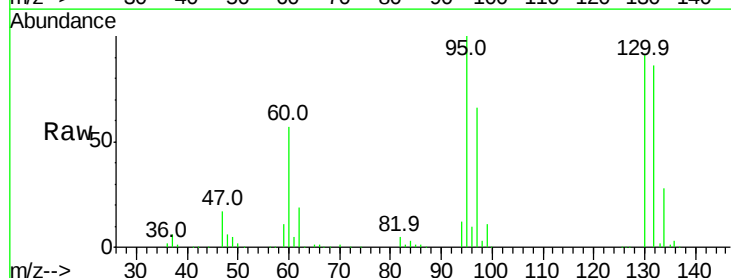
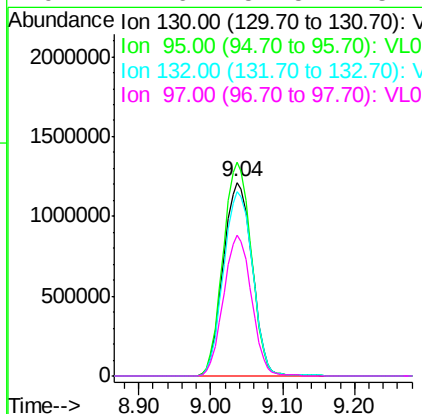
Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

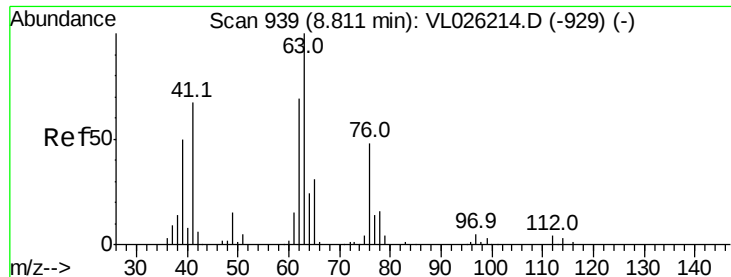
Tot Ion: 78 Resp: 3229
Ion Ratio Lower Upper
78 100
77 30.4 18.1 27.1#
50 23.9 13.8 20.8#



#38
Trichloroethene
Concen: 49.73 ppbv
RT: 9.04 min Scan# 976
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion:130 Resp: 3403560
Ion Ratio Lower Upper
130 100
95 110.4 81.0 121.4
132 95.3 76.5 114.7
97 72.6 52.5 78.7

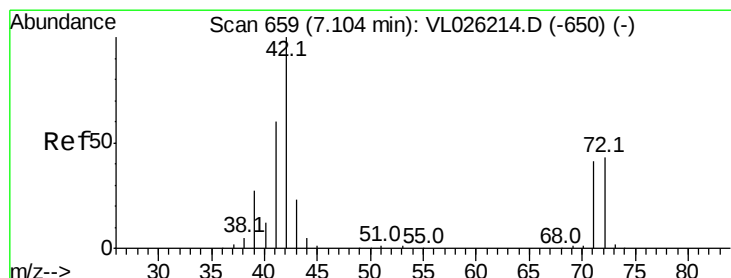
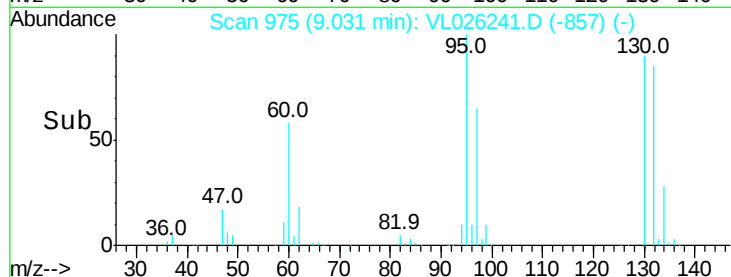
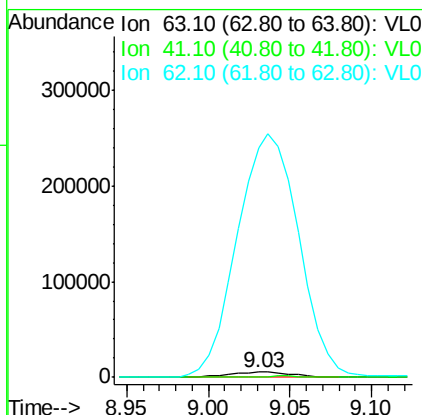
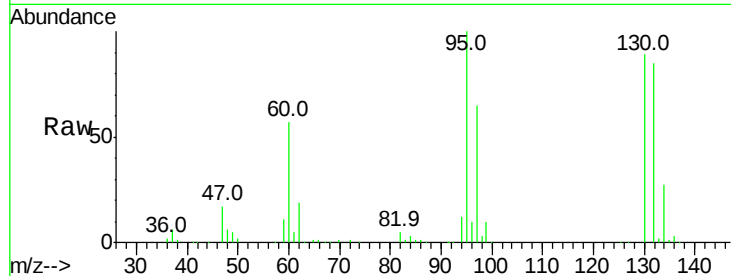




#39
 1,2-Dichloropropane
 Concen: 0.30 ppbv
 RT: 9.03 min Scan# 975
 Delta R.T. 0.22 min
 Lab File: VL026241.D
 Acq: 21 Oct 2015 17:07

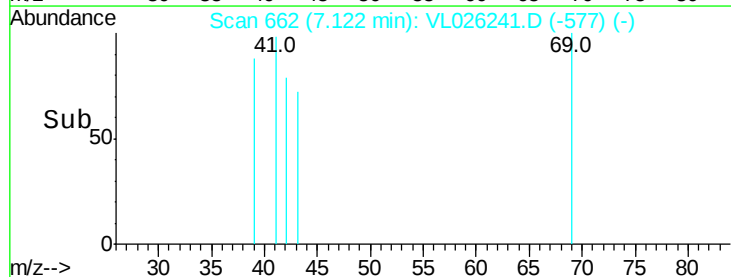
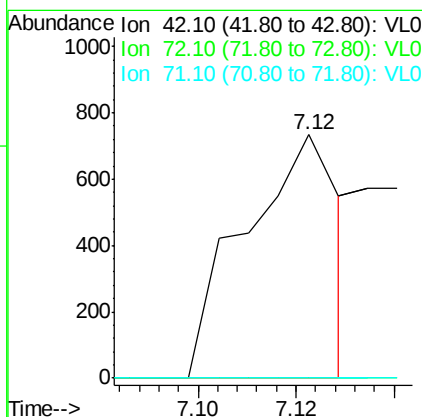
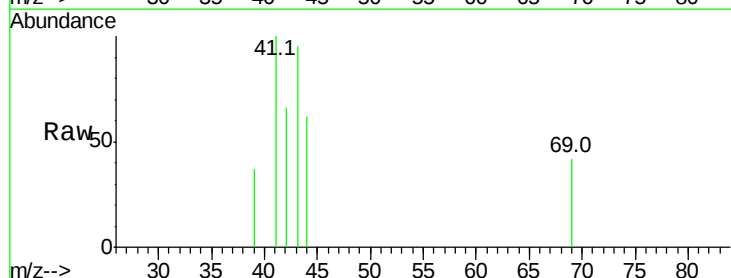
Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45INFLUENT-100215DL

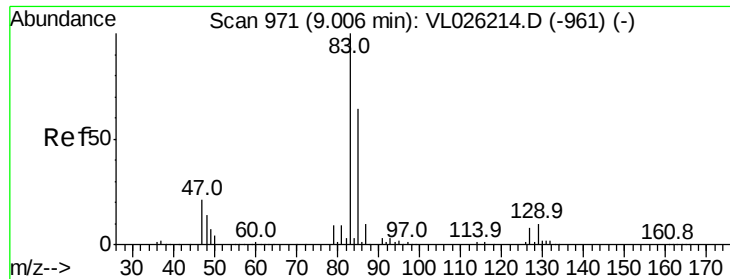
Tot Ion: 63 Resp: 14680
 Ion Ratio Lower Upper
 63 100
 41 8.5 53.2 79.8#
 62 4374.7 55.4 83.2#



#41
 Tetrahydrofuran
 Concen: 0.02 ppbv
 RT: 7.12 min Scan# 662
 Delta R.T. 0.02 min
 Lab File: VL026241.D
 Acq: 21 Oct 2015 17:07

Tgt Ion: 42 Resp: 984
 Ion Ratio Lower Upper
 42 100
 72 0.0 34.3 51.5#
 71 0.0 32.1 48.1#





#42

Bromodichloromethane

Concen: 0.44 ppbv

RT: 9.04 min Scan# 976

Delta R.T. 0.03 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT-100215DL

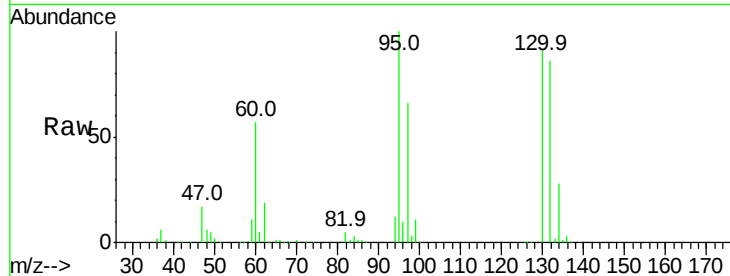
Tot Ion: 83 Resp: 46036

Ion Ratio Lower Upper

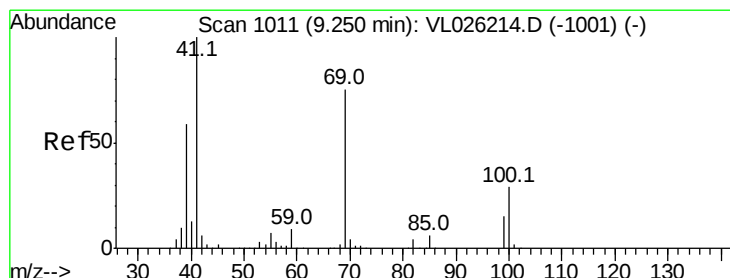
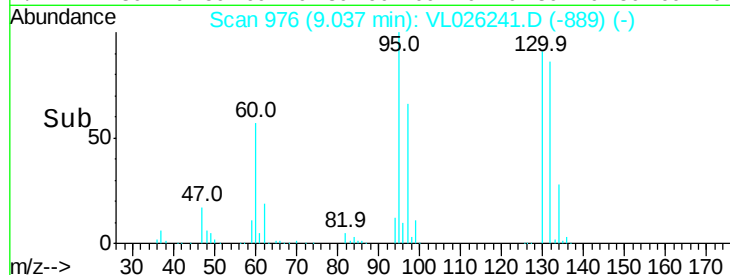
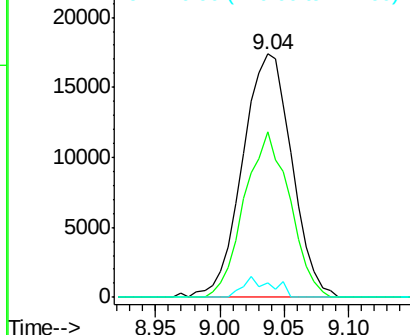
83 100

85 68.0 50.9 76.3

127 5.8 6.2 9.4#



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



#43

Methyl Methacrylate

Concen: 0.03 ppbv

RT: 9.39 min Scan# 1034

Delta R.T. 0.14 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

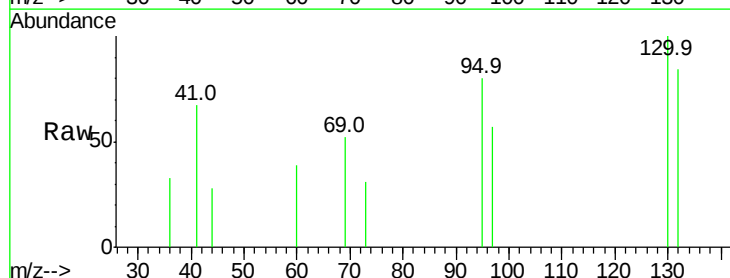
Tgt Ion: 69 Resp: 1699

Ion Ratio Lower Upper

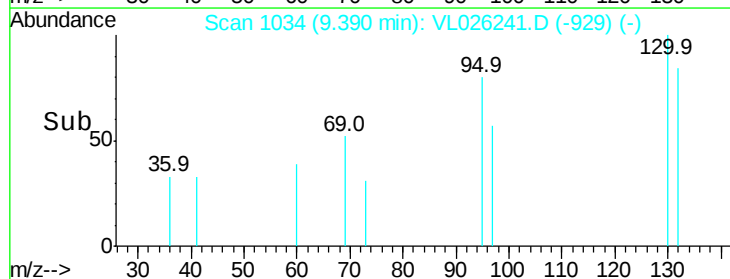
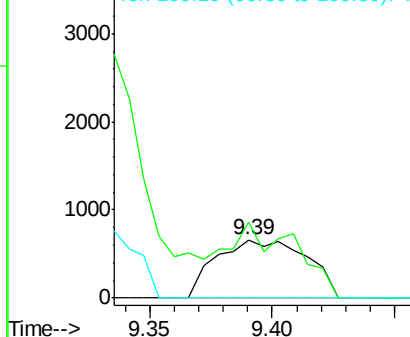
69 100

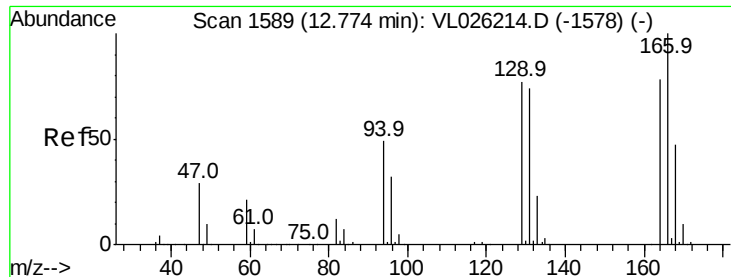
41 558.6 108.4 162.6#

100 110.4 30.6 45.8#



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0





#52

Tetrachloroethene

Concen: 0.06 ppbv

RT: 12.76 min Scan# 1587

Delta R.T. -0.01 min

Lab File: VL026241.D

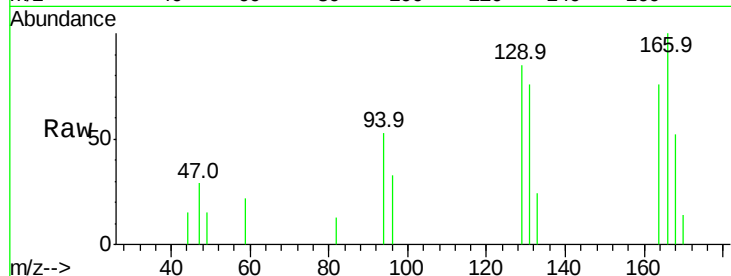
Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT-100215DL



Tot Ion:164 Resp: 4903

Ion Ratio Lower Upper

164 100

166 131.1 102.3 153.5

129 111.4 78.2 117.4

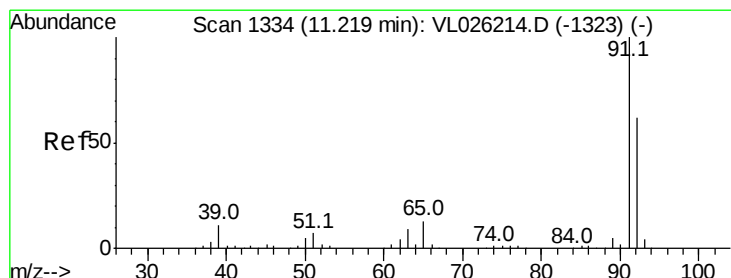
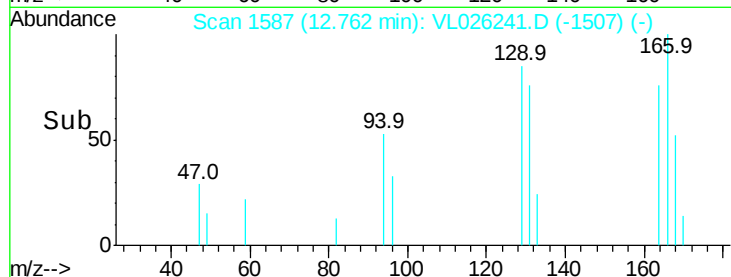
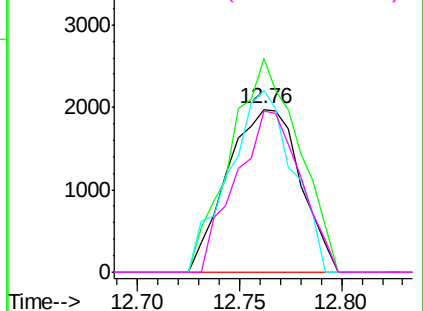
131 99.1 75.7 113.5

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: 0.05 ppbv

RT: 11.21 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VL026241.D

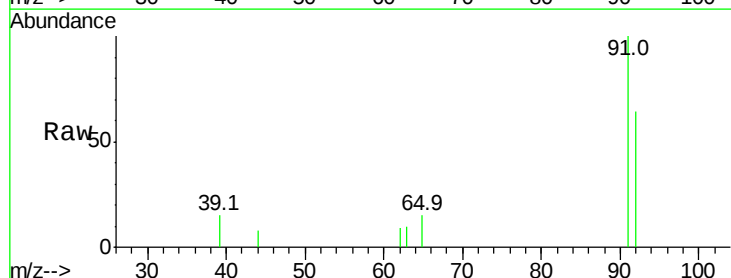
Acq: 21 Oct 2015 17:07

Tgt Ion: 91 Resp: 10267

Ion Ratio Lower Upper

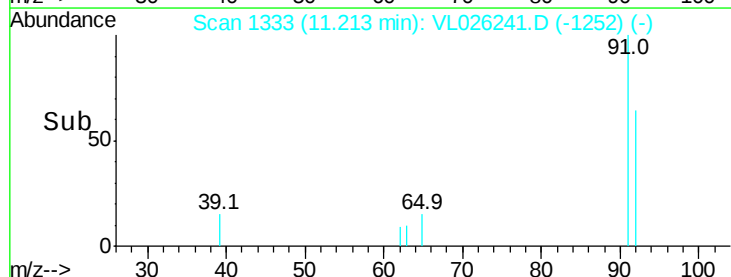
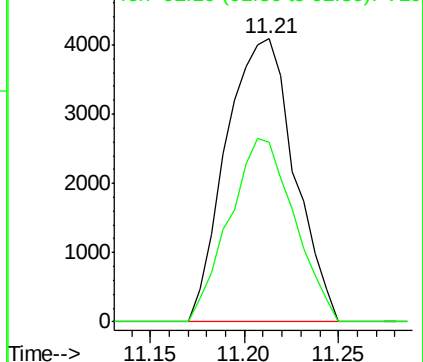
91 100

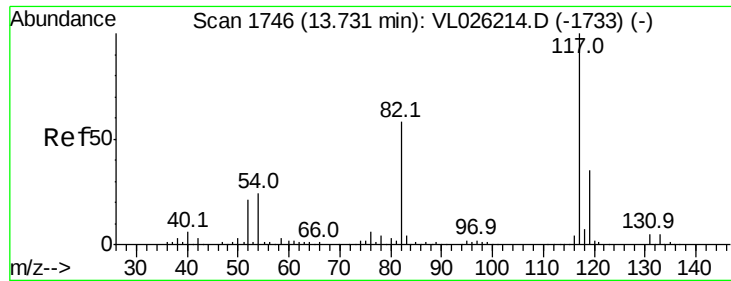
92 61.6 49.2 73.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

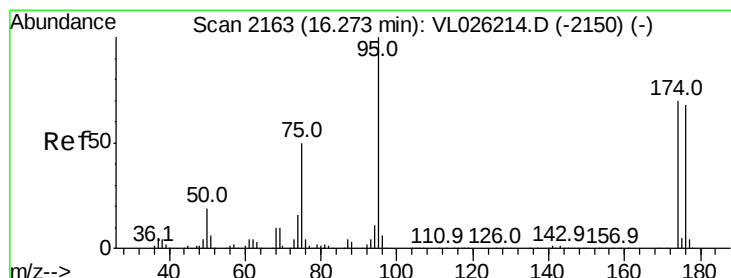
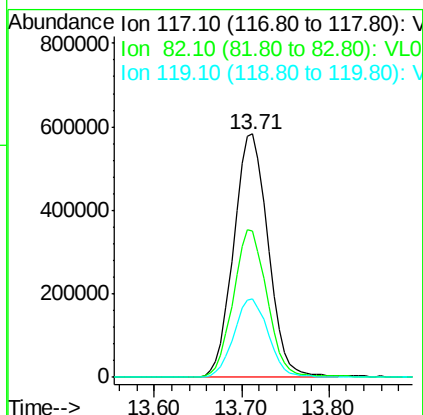
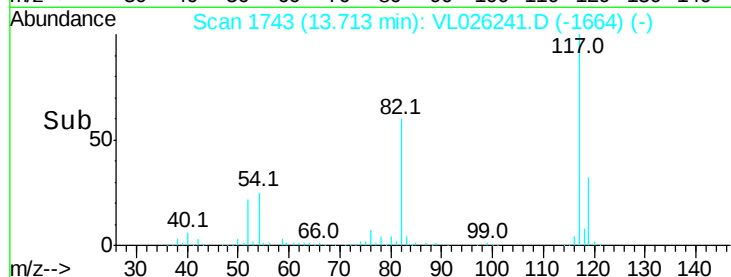
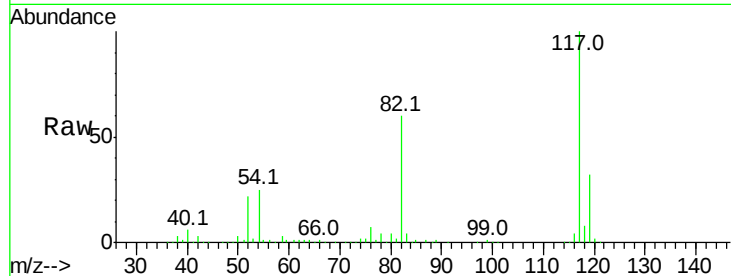




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.71 min Scan# 1743
Delta R.T. -0.02 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

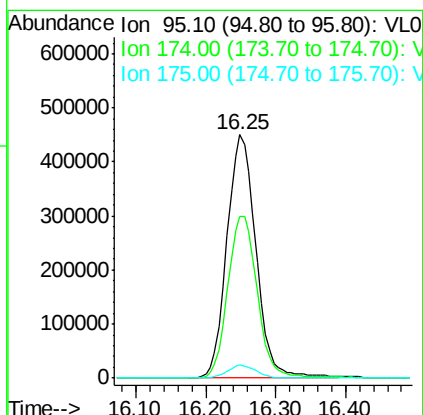
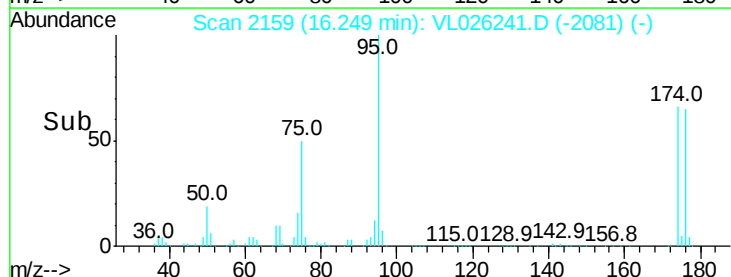
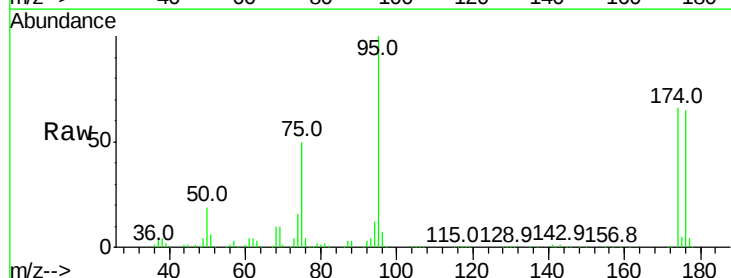
Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

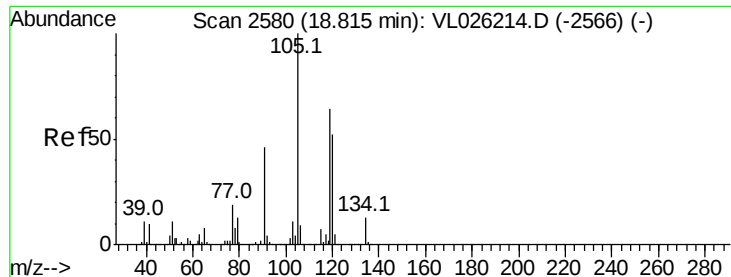
Tot Ion:117 Resp: 1600189
Ion Ratio Lower Upper
117 100
82 60.2 45.8 68.8
119 32.7 45.0 67.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.53 ppbv
RT: 16.25 min Scan# 2159
Delta R.T. -0.02 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 95 Resp: 1299396
Ion Ratio Lower Upper
95 100
174 68.1 55.8 83.8
175 5.1 4.3 6.5





#74

1,2,4-Trimethylbenzene

Concen: 0.06 ppbv

RT: 18.80 min Scan# 2578

Delta R.T. -0.01 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT-100215DL

Tot Ion:105 Resp: 13741

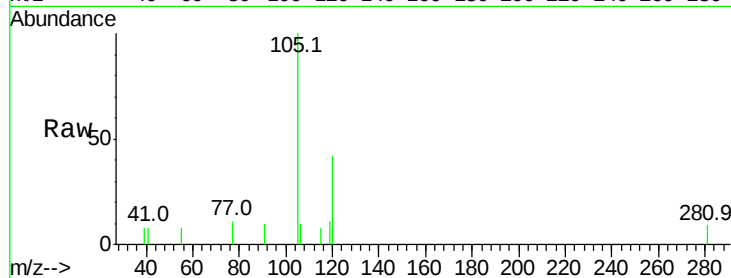
Ion Ratio Lower Upper

105 100

120 42.5 41.2 61.8

91 10.1 37.2 55.8#

77 10.6 15.6 23.4#

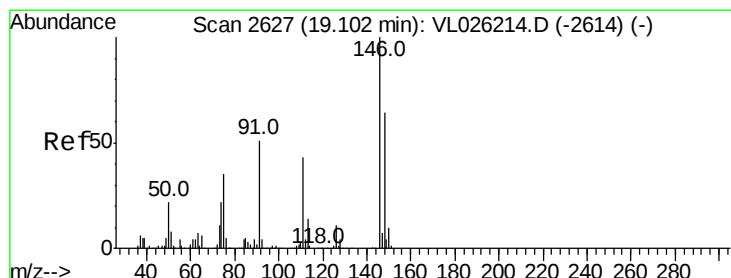
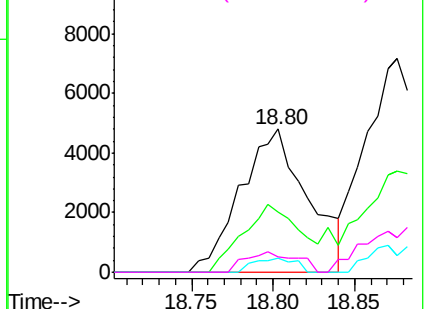
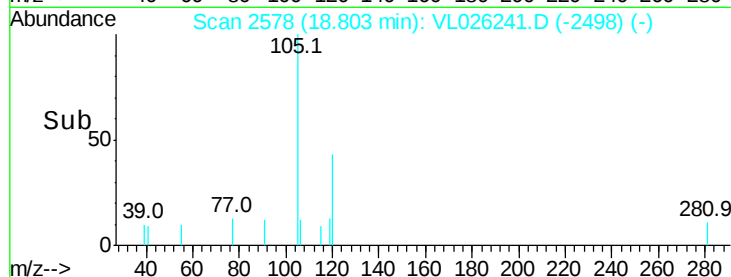


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.02 ppbv

RT: 18.88 min Scan# 2591

Delta R.T. -0.22 min

Lab File: VL026241.D

Acq: 21 Oct 2015 17:07

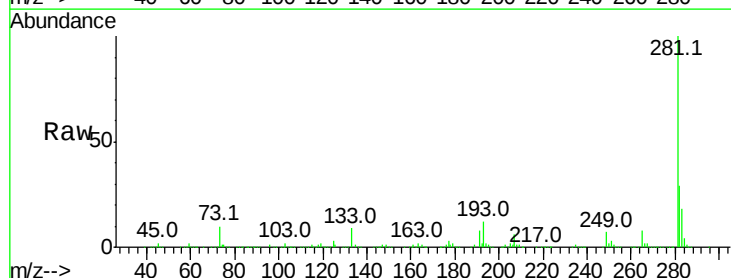
Tgt Ion:146 Resp: 3644

Ion Ratio Lower Upper

146 100

111 684.2 21.6 64.8#

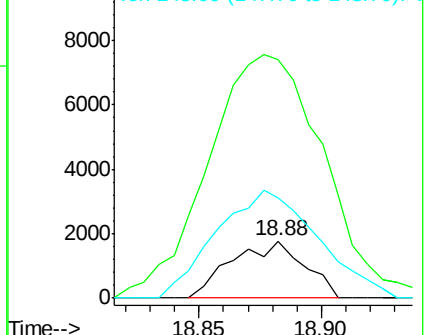
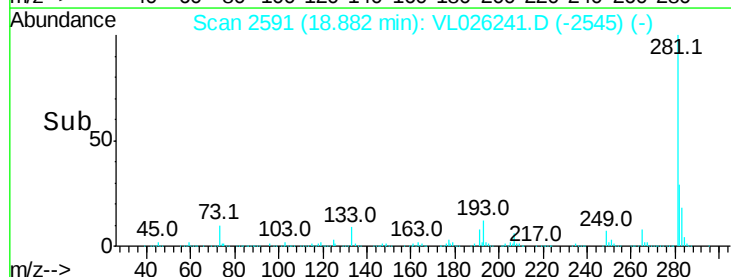
148 266.5 31.8 95.4#

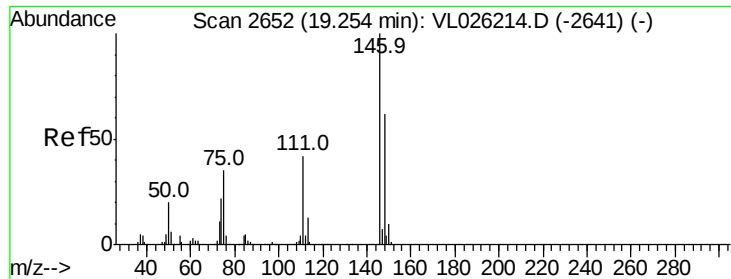


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#76

1,4-Dichlorobenzene

Concen: 0.02 ppbv

RT: 18.88 min Scan# 2591

Delta R.T. -0.37 min

Lab File: VL026241.D

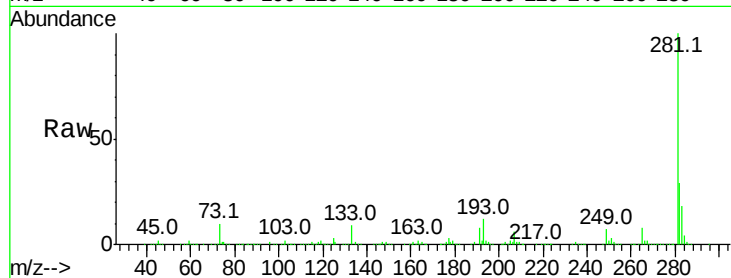
Acq: 21 Oct 2015 17:07

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT-100215DL



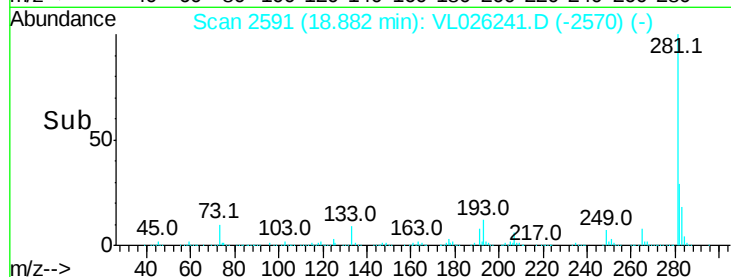
Tot Ion:146 Resp: 3644

Ion Ratio Lower Upper

146 100

111 684.2 20.8 62.2#

148 266.5 31.9 95.9#



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

