

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL111115\
 Data File : VL026369.D
 Acq On : 11 Nov 2015 17:56
 Operator : SY/AP
 Sample : G4364-01DL 1200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45INFLUENT110615DL

Quant Time: Nov 12 18:10:55 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 29 14:29:54 2015
 QLast Update : Thu Oct 29 14:29:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	607169	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	8.34	114	1675498	10.00	ppbv	-0.04
55) Chlorobenzene-d5	13.75	117	2068292	10.00	ppbv	-0.05

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	16.29	95	1556557	9.92	ppbv	-0.05	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%	

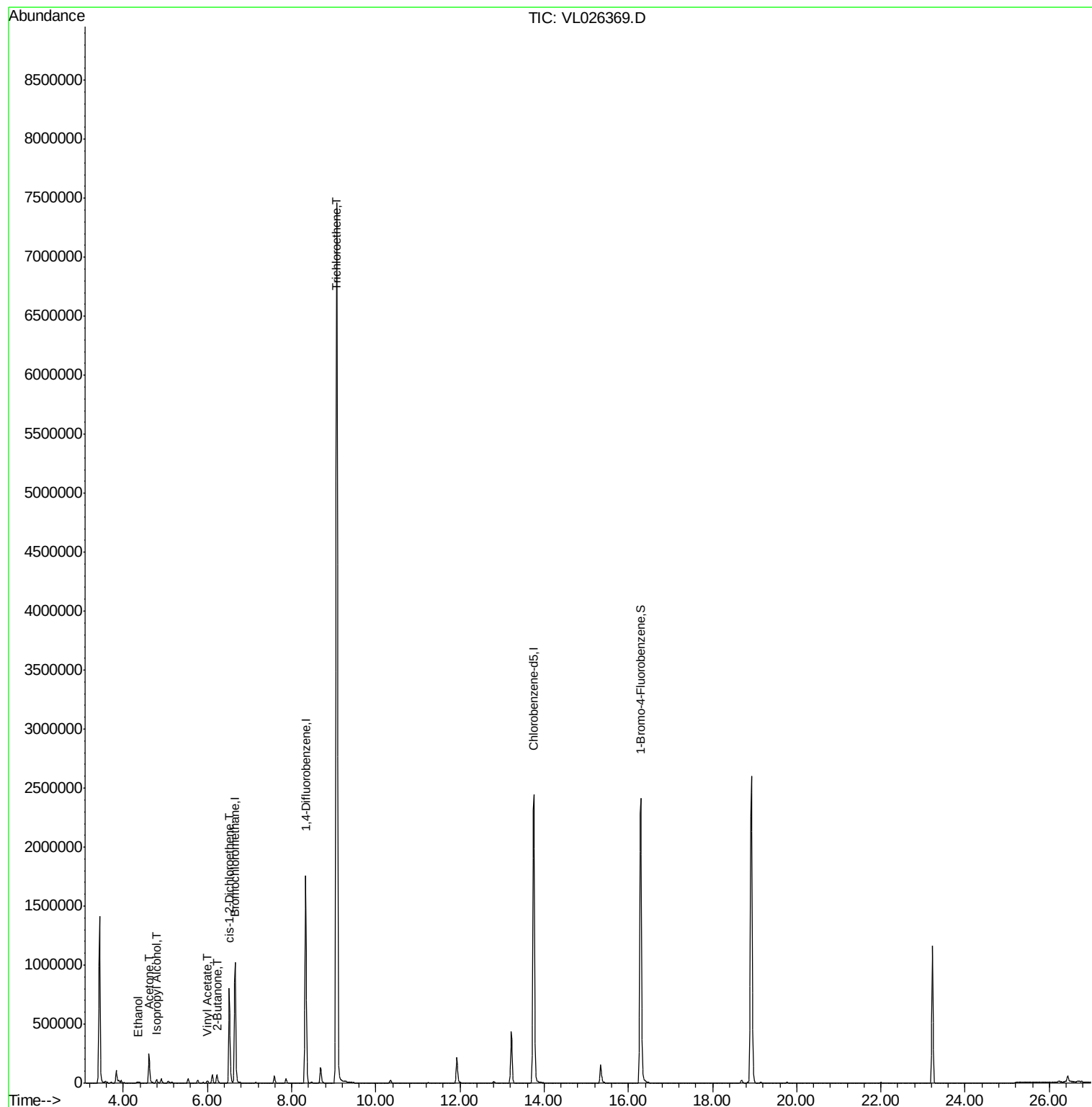
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	4.35	45	9597	1.74	ppbv	90
15) Acetone	4.61	43	336608	4.19	ppbv	96
19) Isopropyl Alcohol	4.79	45	22586	0.66	ppbv #	24
23) Vinyl Acetate	5.99	43	34887	0.23	ppbv #	91
31) cis-1,2-Dichloroethene	6.52	61	548824	7.27	ppbv	98
34) 2-Butanone	6.23	43	103710	1.03	ppbv	99
38) Trichloroethene	9.07	130	3388110	39.77	ppbv	95

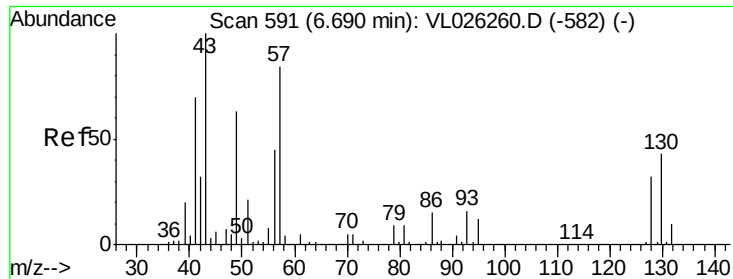
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. -0.04 min

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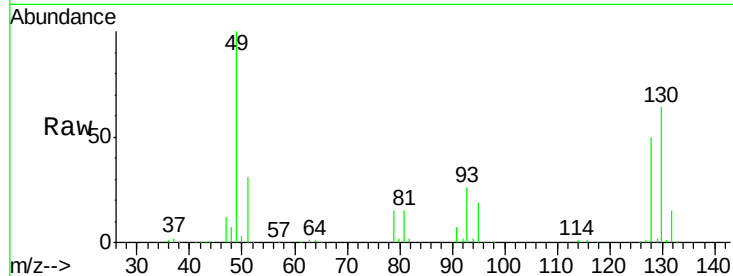
Tot Ion: 49 Resp: 607169

Ion Ratio Lower Upper

49 100

128 53.2 26.7 80.1

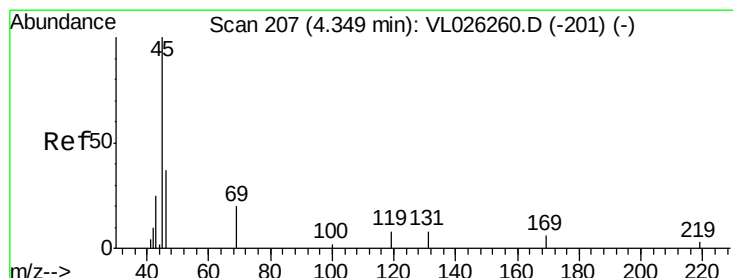
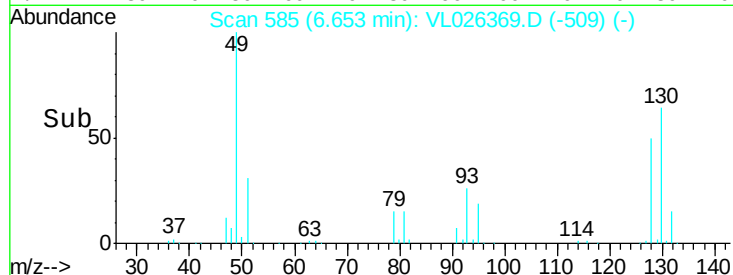
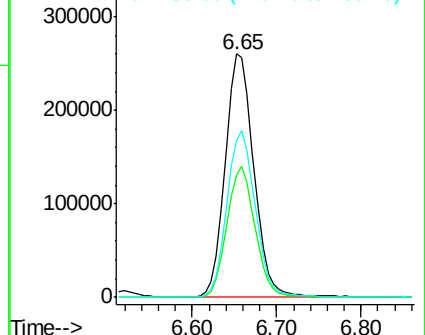
130 68.3 34.4 103.2



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



#13

Ethanol

Concen: 1.74 ppbv

RT: 4.35 min Scan# 207

Delta R.T. 0.00 min

Lab File: VL026369.D

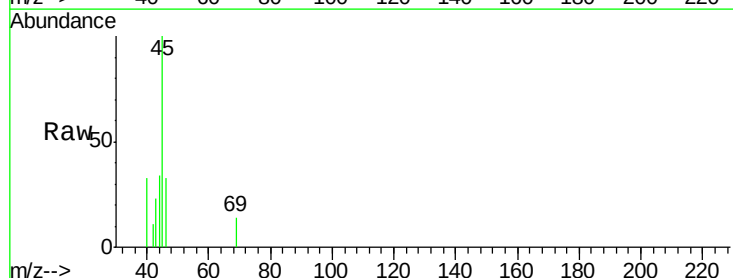
Acq: 11 Nov 2015 17:56

Tgt Ion: 45 Resp: 9597

Ion Ratio Lower Upper

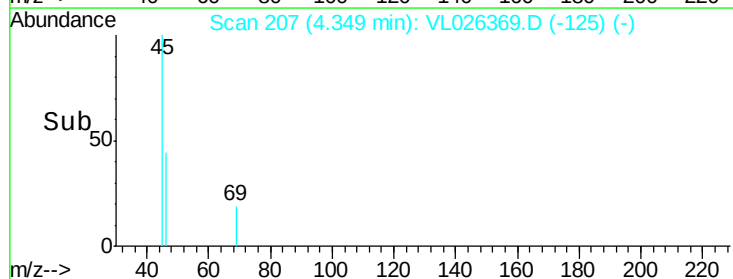
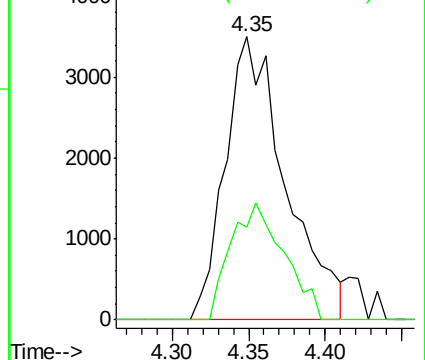
45 100

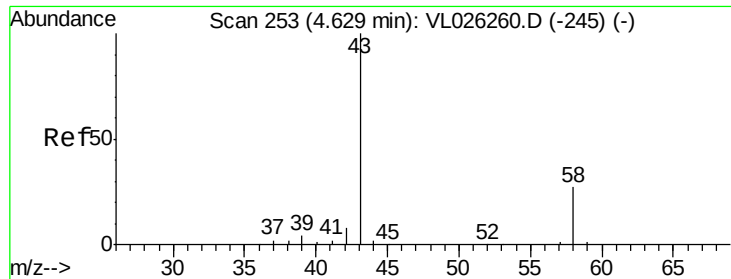
46 36.3 17.0 68.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 4.19 ppbv

RT: 4.61 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL026369.D

Acq: 11 Nov 2015 17:56

Instrument :

MSVOA_L

ClientSampleId :

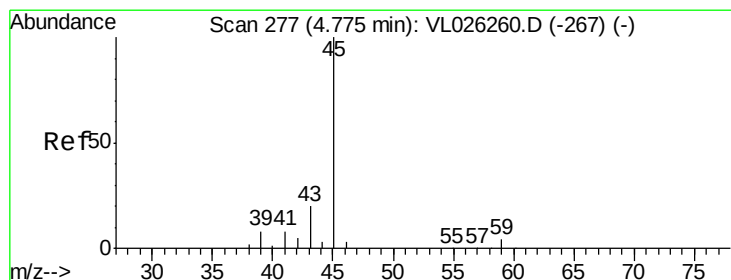
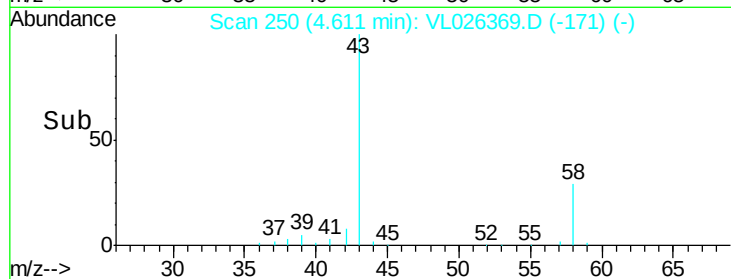
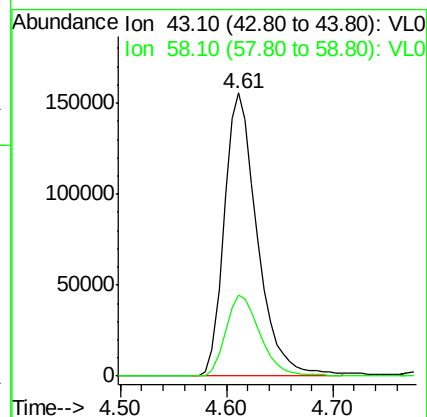
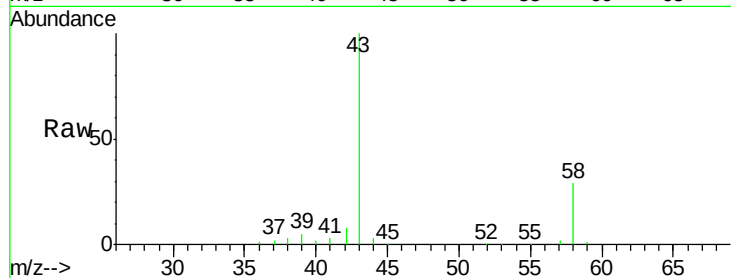
ERD45INFLUENT110615DL

Tot Ion: 43 Resp: 336608

Ion Ratio Lower Upper

43 100

58 30.0 22.3 33.5



#19

Isopropyl Alcohol

Concen: 0.66 ppbv

RT: 4.79 min Scan# 279

Delta R.T. 0.01 min

Lab File: VL026369.D

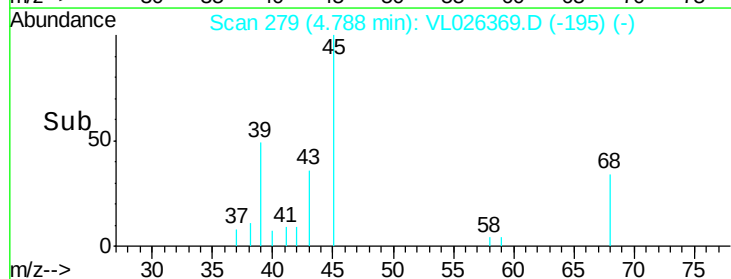
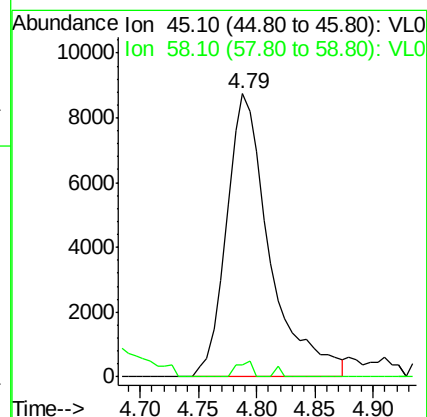
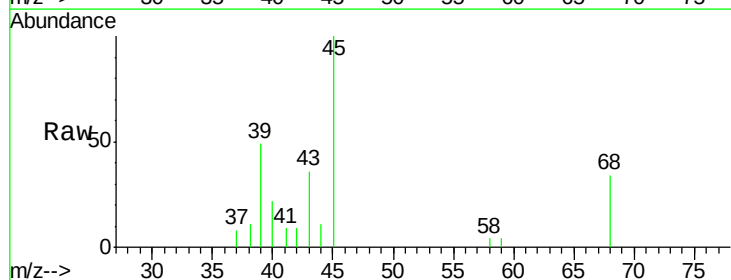
Acq: 11 Nov 2015 17:56

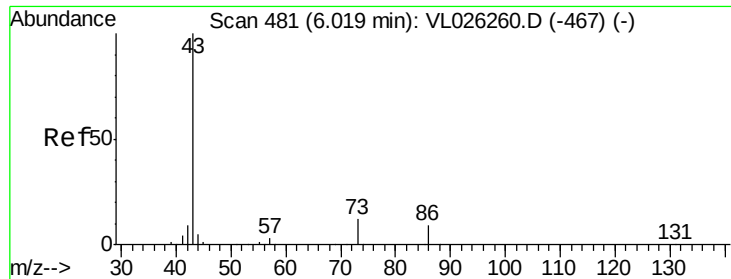
Tgt Ion: 45 Resp: 22586

Ion Ratio Lower Upper

45 100

58 0.0 43.8 65.8#





#23

Vinyl Acetate

Concen: 0.23 ppbv

RT: 5.99 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL026369.D

Acq: 11 Nov 2015 17:56

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT110615DL

Tot Ion: 43 Resp: 34887

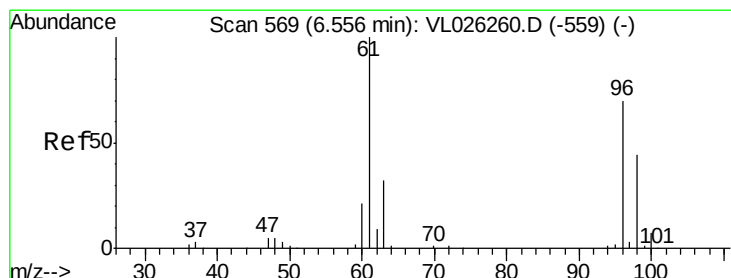
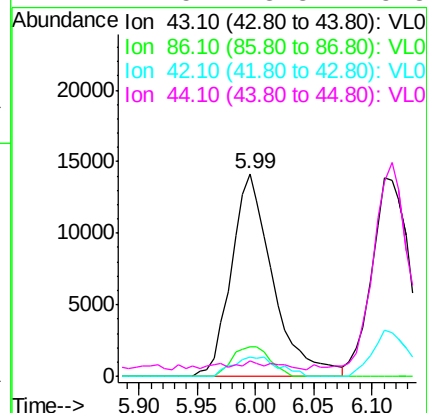
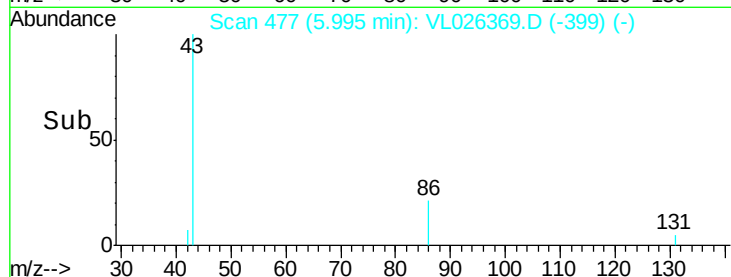
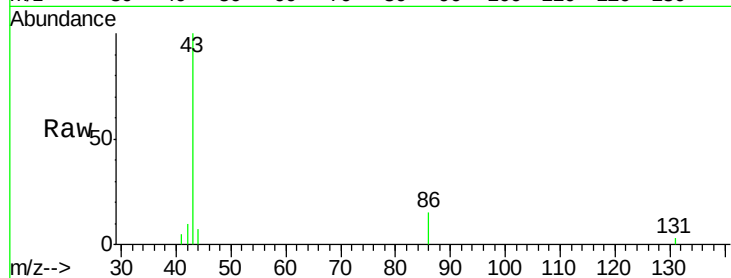
Ion Ratio Lower Upper

43 100

86 14.8 7.3 10.9#

42 9.7 7.2 10.8

44 2.5 3.8 5.8#



#31

cis-1,2-Dichloroethene

Concen: 7.27 ppbv

RT: 6.52 min Scan# 563

Delta R.T. -0.04 min

Lab File: VL026369.D

Acq: 11 Nov 2015 17:56

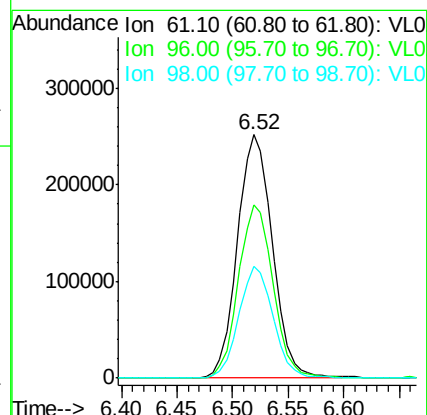
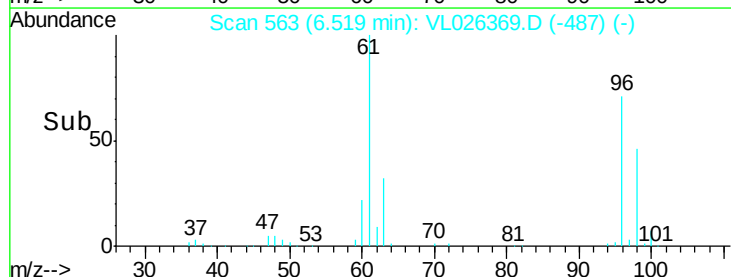
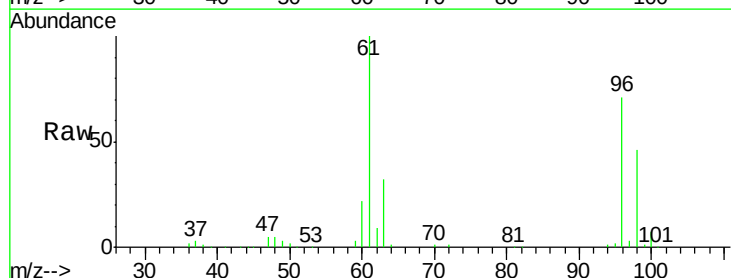
Tgt Ion: 61 Resp: 548824

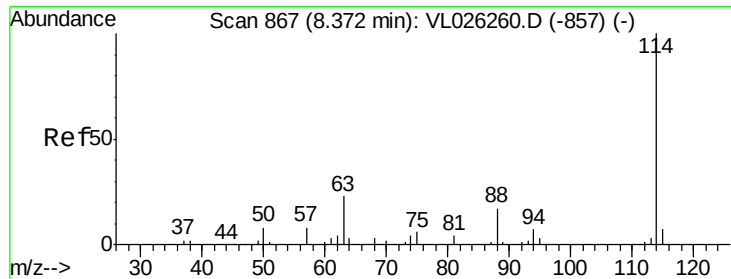
Ion Ratio Lower Upper

61 100

96 71.2 56.2 84.4

98 45.7 35.4 53.2

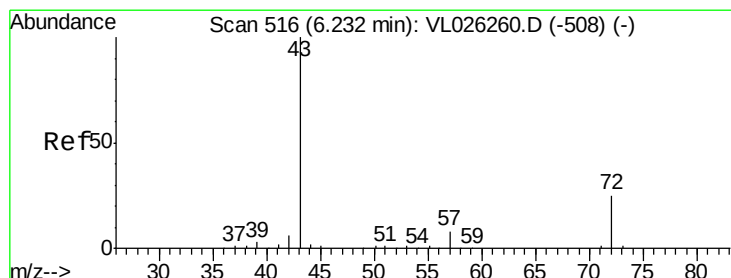
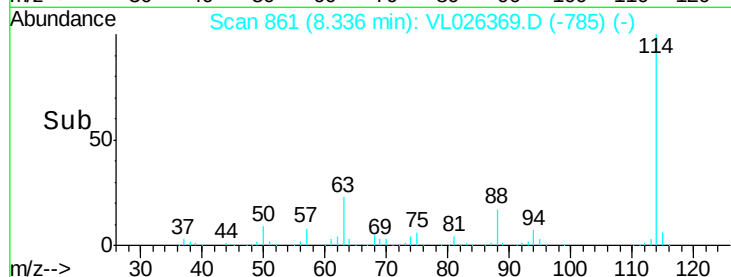
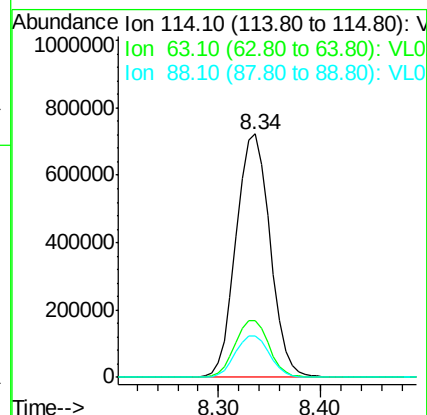
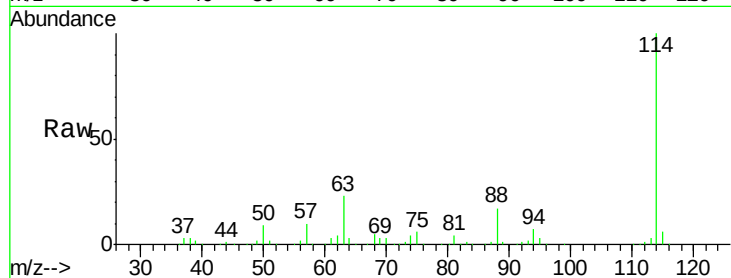




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.34 min Scan# 861
 Delta R.T. -0.04 min
 Lab File: VL026369.D
 Acq: 11 Nov 2015 17:56

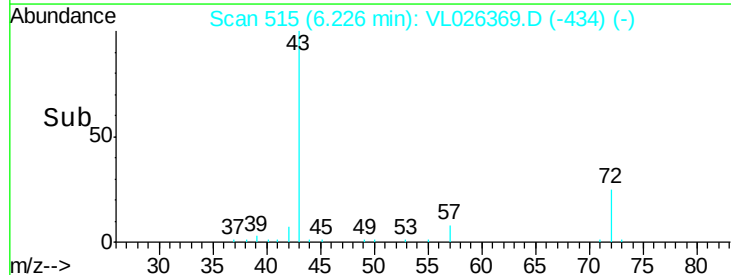
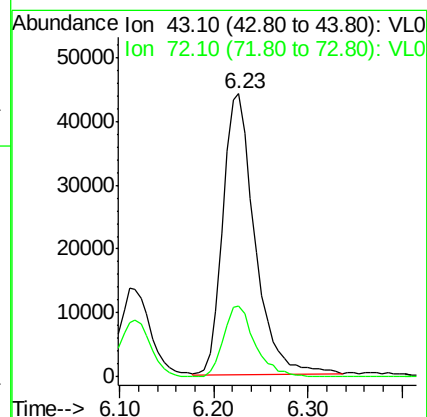
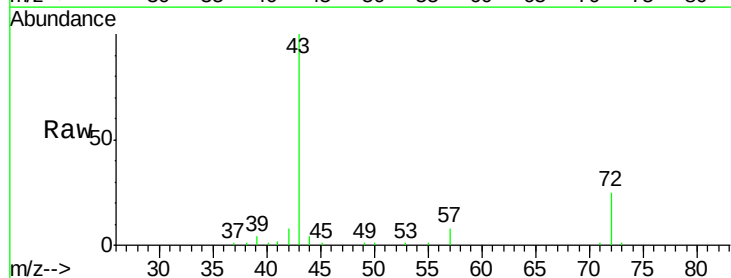
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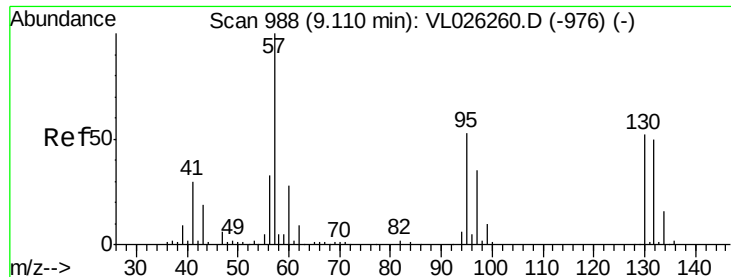
Tot Ion:114 Resp: 1675498
 Ion Ratio Lower Upper
 114 100
 63 23.5 18.6 28.0
 88 17.0 13.4 20.2



#34
 2-Butanone
 Concen: 1.03 ppbv
 RT: 6.23 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: VL026369.D
 Acq: 11 Nov 2015 17:56

Tgt Ion: 43 Resp: 103710
 Ion Ratio Lower Upper
 43 100
 72 24.6 19.9 29.9

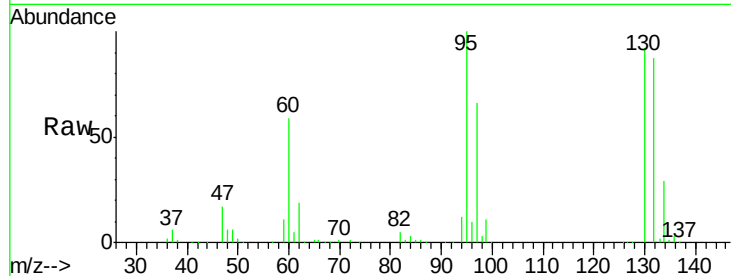




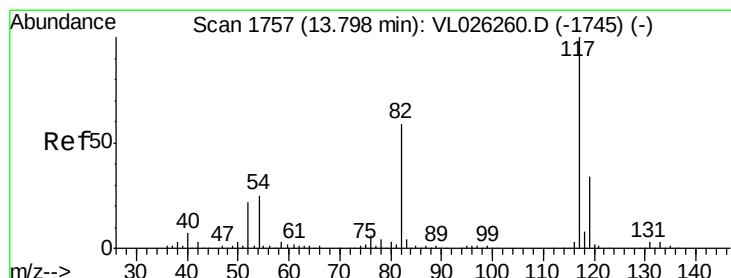
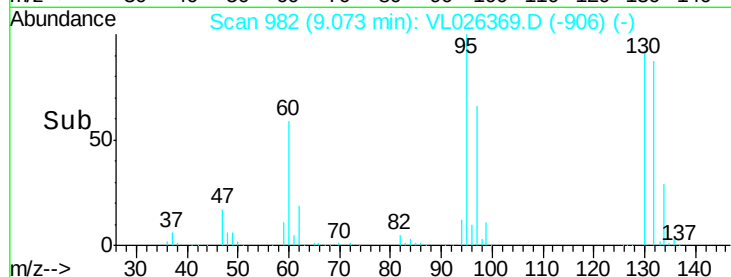
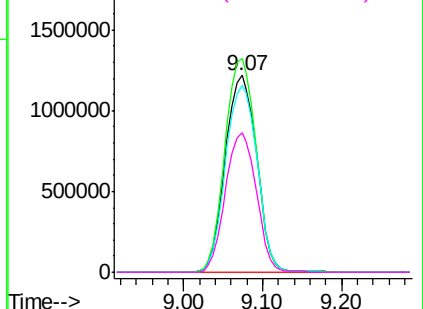
#38
 Trichloroethene
 Concen: 39.77 ppbv
 RT: 9.07 min Scan# 982
 Delta R.T. -0.04 min
 Lab File: VL026369.D
 Acq: 11 Nov 2015 17:56

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45INFLUENT110615DL

Tot Ion:130 Resp: 3388110
 Ion Ratio Lower Upper
 130 100
 95 108.5 80.8 121.2
 132 94.7 76.2 114.2
 97 71.1 53.0 79.6

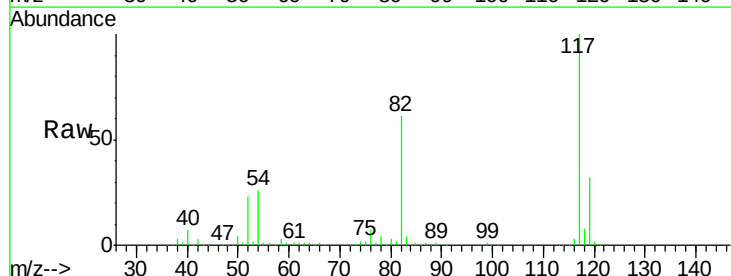


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

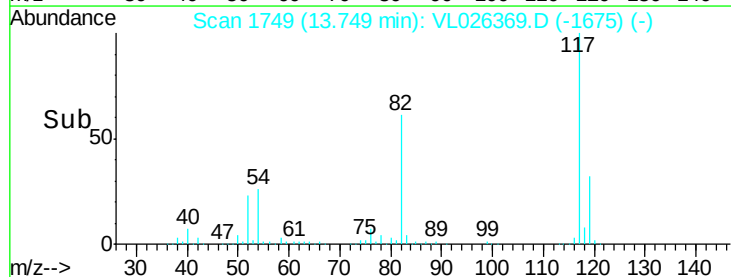
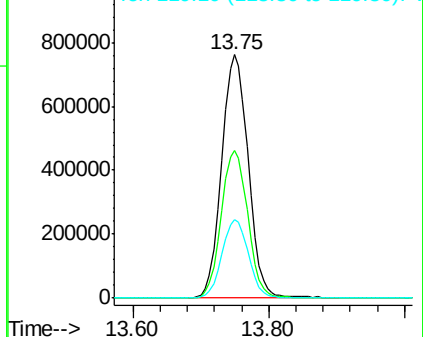


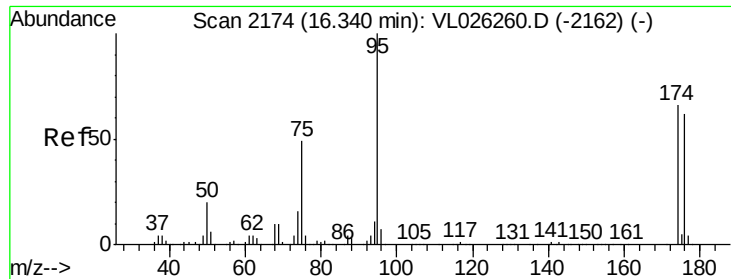
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 13.75 min Scan# 1749
 Delta R.T. -0.05 min
 Lab File: VL026369.D
 Acq: 11 Nov 2015 17:56

Tgt Ion:117 Resp: 2068292
 Ion Ratio Lower Upper
 117 100
 82 0.0 48.2 72.4#
 119 32.6 46.2 69.2#



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





#68

1-Bromo-4-Fluorobenzene

Concen: 9.92 ppbv

RT: 16.29 min Scan# 2166

Delta R.T. -0.05 min

Lab File: VL026369.D

Acq: 11 Nov 2015 17:56

Instrument :

MSVOA_L

ClientSampleId :

ERD45INFLUENT110615DL

Tot Ion: 95 Resp: 1556557

Ion Ratio Lower Upper

95 100

174 65.0 52.9 79.3

175 4.8 3.8 5.8

