

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031238.D
 Acq On : 14 Dec 2017 19:04
 Operator : SY/AP
 Sample : I6907-03DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Manual Integrations
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Quant Time: Dec 15 07:17:33 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1711827	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	4062527	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	4087836	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3195150	10.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1,2-Trichlorotrifluoroet	4.68	101	21911	0.13	ppbv	97
15) Acetone	4.05	43	59768	0.26	ppbv #	70
18) 1,1-Dichloroethene	4.49	96	10283m	0.14	ppbv	
24) 1,1-Dichloroethane	5.23	63	138461	0.52	ppbv	98
32) 1,1,1-Trichloroethane	6.77	97	447686	1.42	ppbv	98

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

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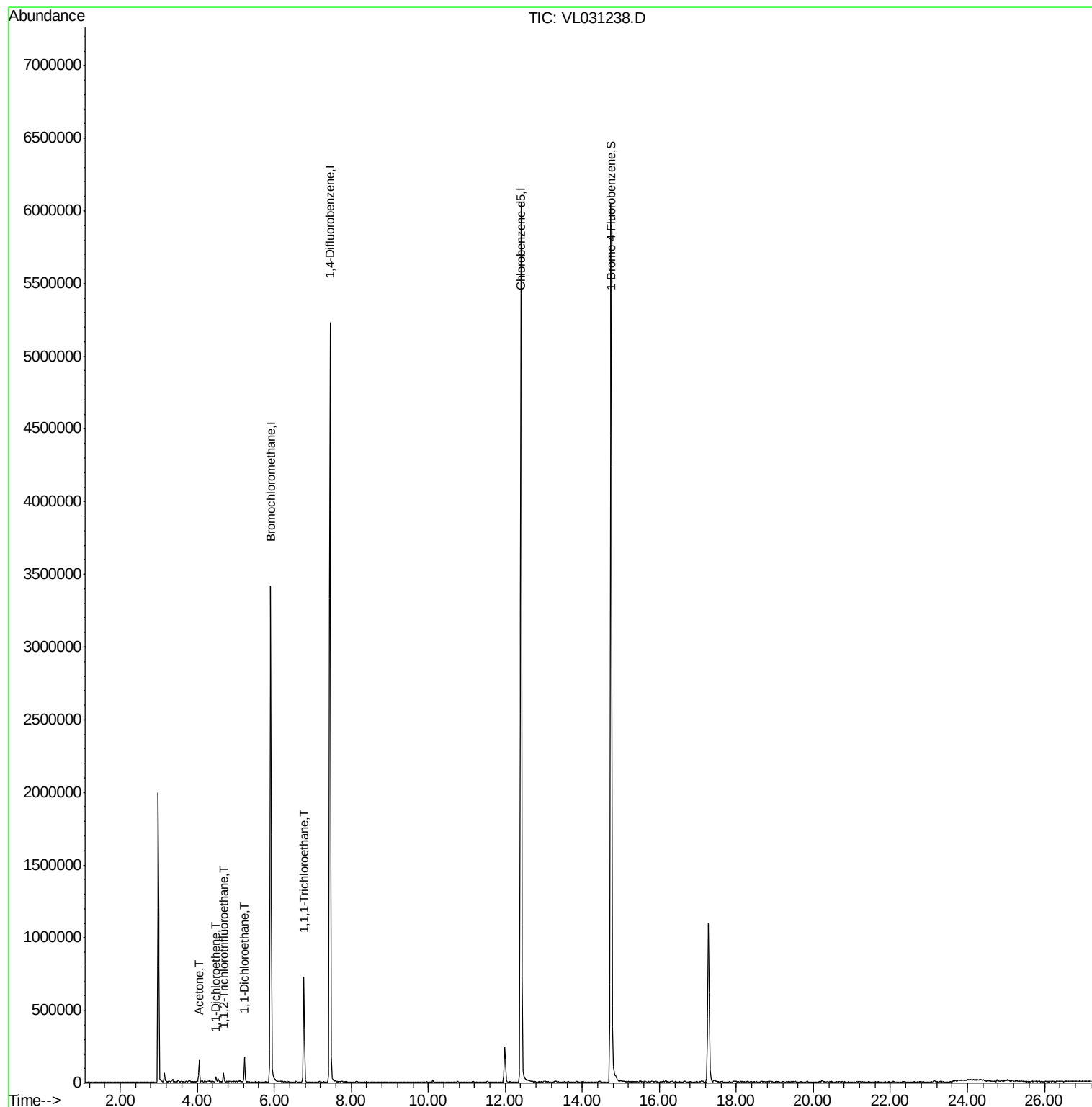
Instrument :
MSVOA_L
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INFLUENTDL

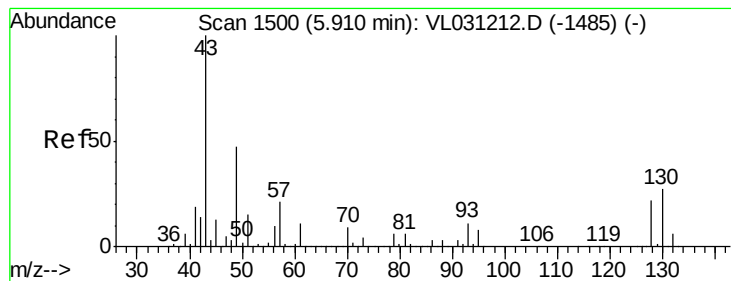
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Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.91 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VL031238.D

Acq: 14 Dec 2017 19:04

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

Tot Ion: 49 Resp: 1711827

Ion Ratio Lower Upper

49 100

128 48.9 23.2 69.5

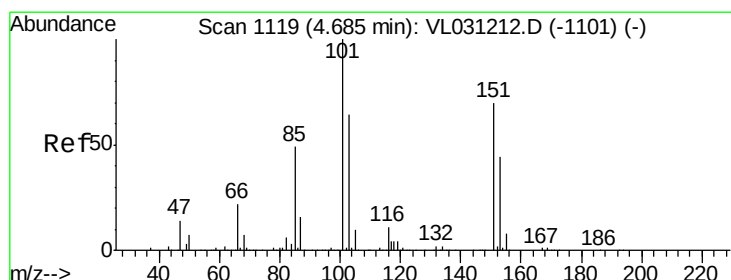
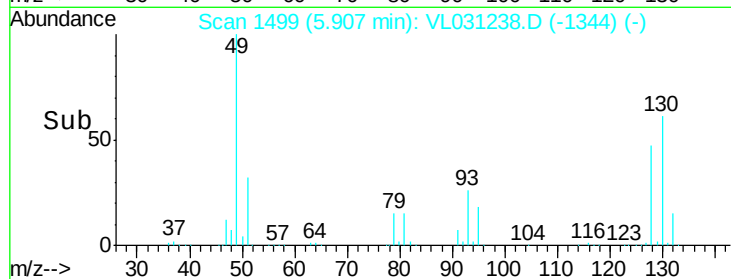
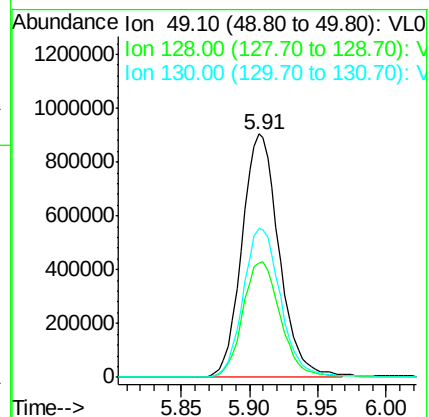
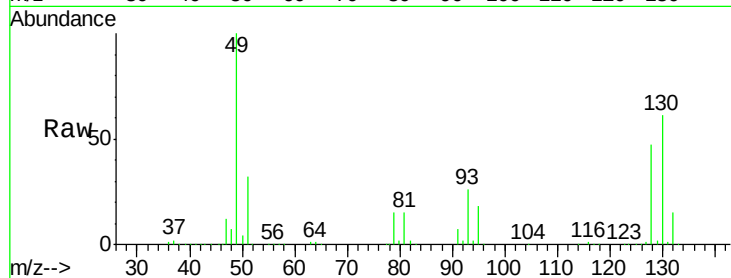
130 62.7 29.6 88.8

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#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.13 ppbv

RT: 4.68 min Scan# 1119

Delta R.T. 0.00 min

Lab File: VL031238.D

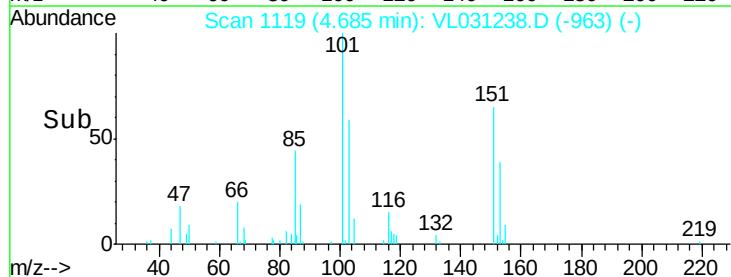
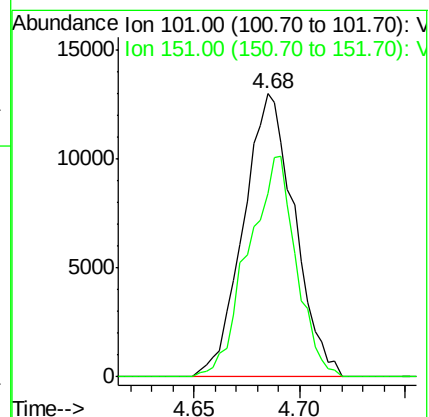
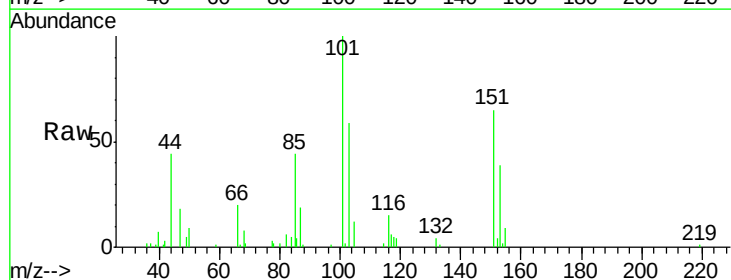
Acq: 14 Dec 2017 19:04

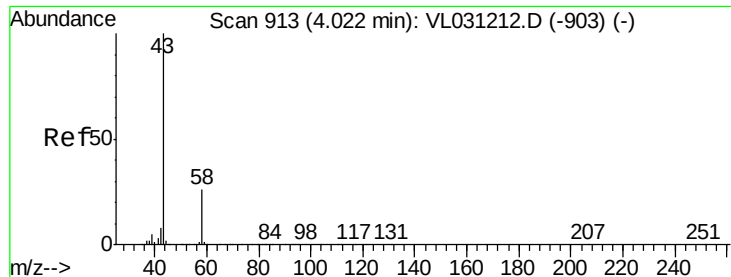
Tgt Ion:101 Resp: 21911

Ion Ratio Lower Upper

101 100

151 73.0 56.5 84.7





#15

Acetone

Concen: 0.26 ppbv

RT: 4.05 min Scan# 921

Delta R.T. 0.03 min

Lab File: VL031238.D

Acq: 14 Dec 2017 19:04

Instrument :

MSVOA_L

ClientSampleId :

INFLUENTDL

Tot Ion: 43 Resp: 59768

Ion Ratio Lower Upper

43 100

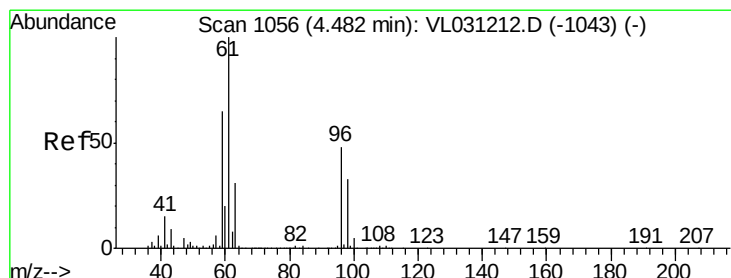
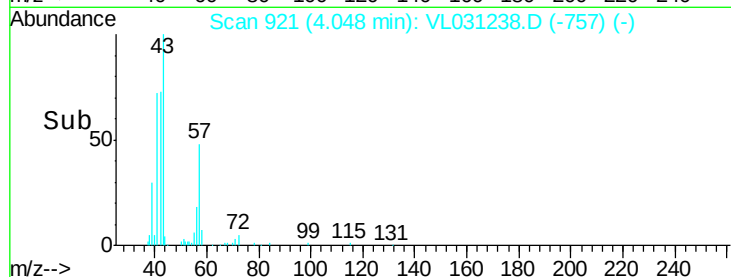
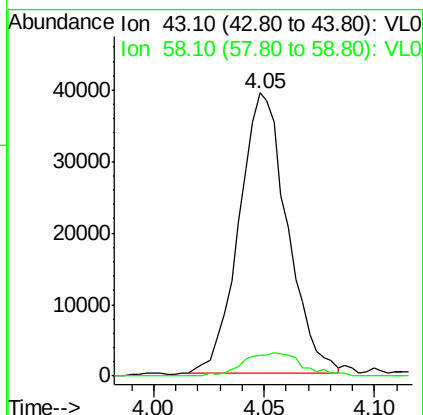
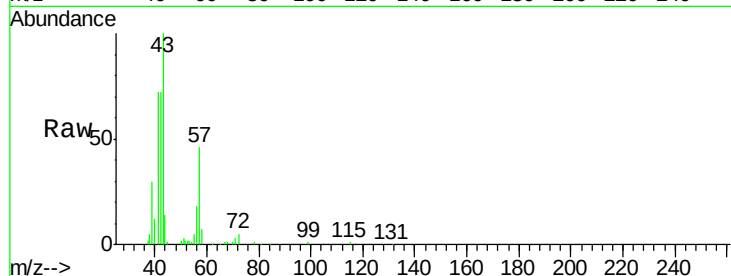
58 10.2 20.3 30.5#

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#18

1,1-Dichloroethene

Concen: 0.14 ppbv m

RT: 4.49 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VL031238.D

Acq: 14 Dec 2017 19:04

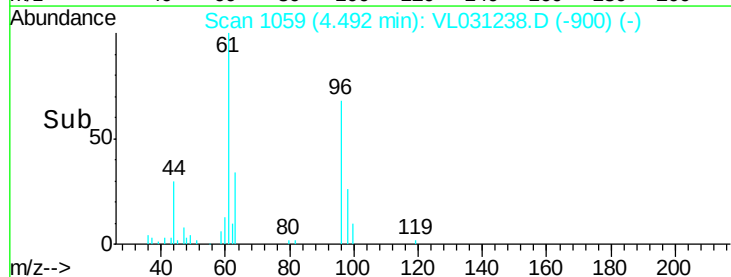
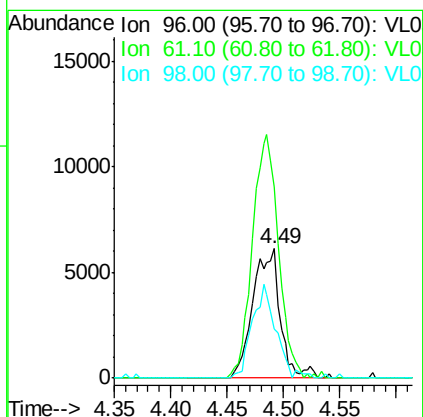
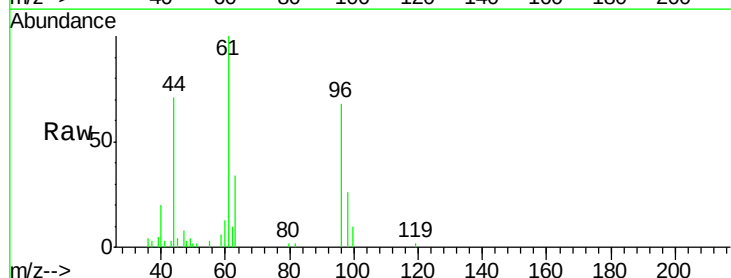
Tgt Ion: 96 Resp: 10283

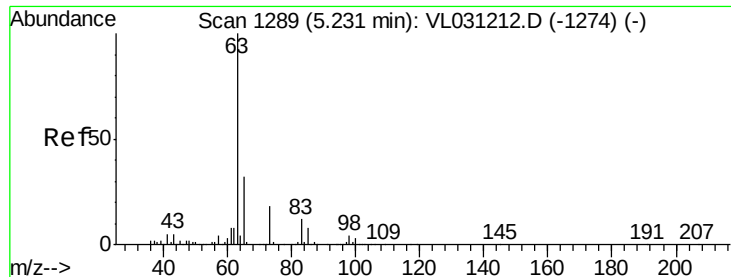
Ion Ratio Lower Upper

96 100

61 147.4 166.8 250.2#

98 38.3 55.0 82.6#





#24
 1,1-Dichloroethane
 Concen: 0.52 ppbv
 RT: 5.23 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VL031238.D
 Acq: 14 Dec 2017 19:04

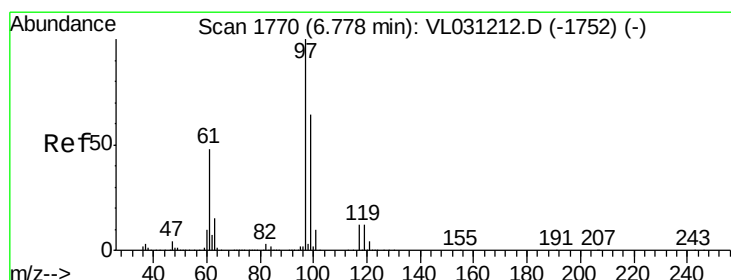
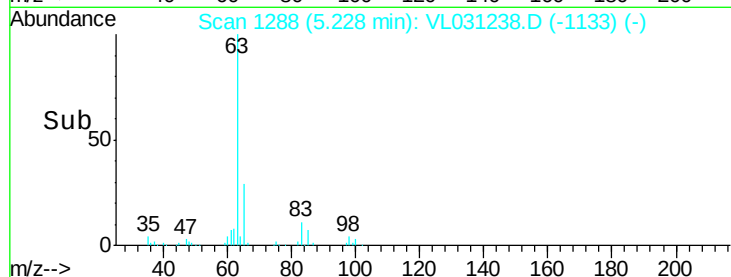
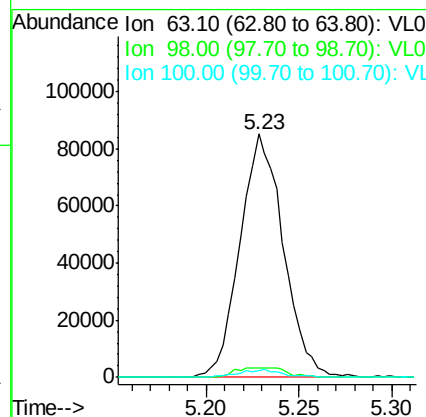
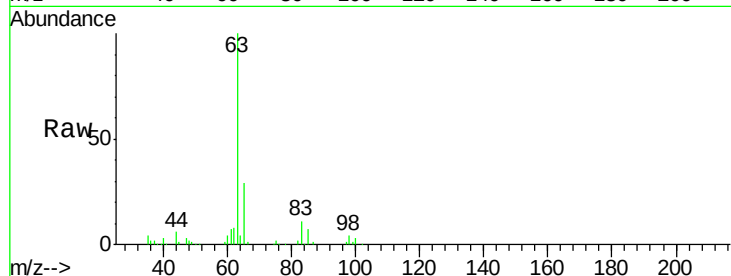
Instrument :
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Tot Ion:	63	Resp:	138461
Ion Ratio	Lower	Upper	
63	100		
98	3.6	2.3	6.8
100	2.7	1.4	4.2

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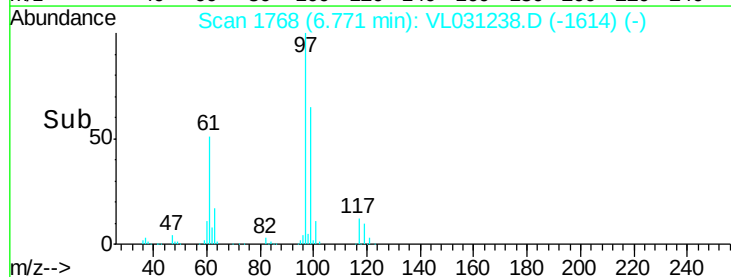
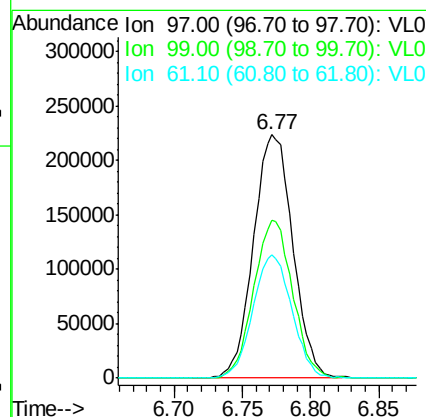
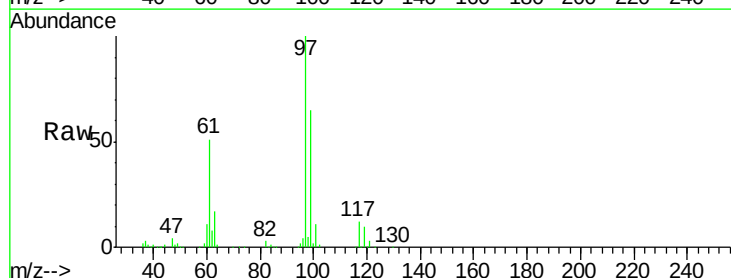
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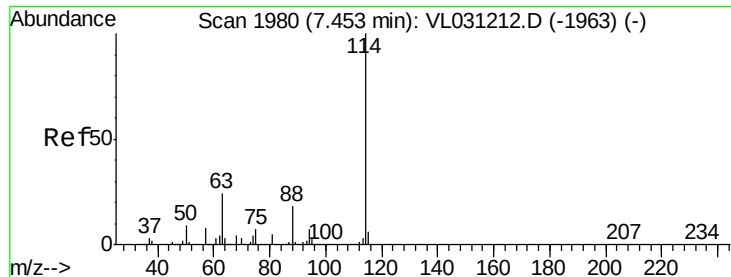
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#32
 1,1,1-Trichloroethane
 Concen: 1.42 ppbv
 RT: 6.77 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: VL031238.D
 Acq: 14 Dec 2017 19:04

Tgt Ion:	97	Resp:	447686
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.4	77.0
61	50.2	38.4	57.6





#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.45 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: VL031238.D
 Acq: 14 Dec 2017 19:04

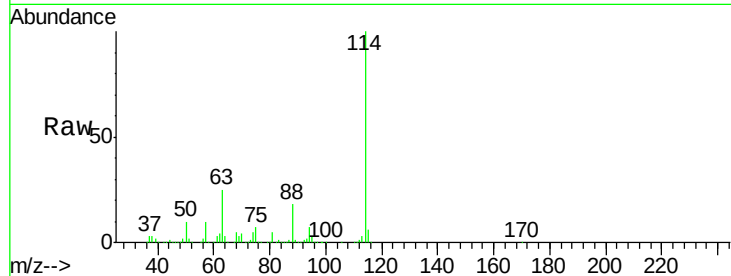
Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tot Ion:	114	Resp:	4062527
Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.8	29.8
88	17.8	14.2	21.4

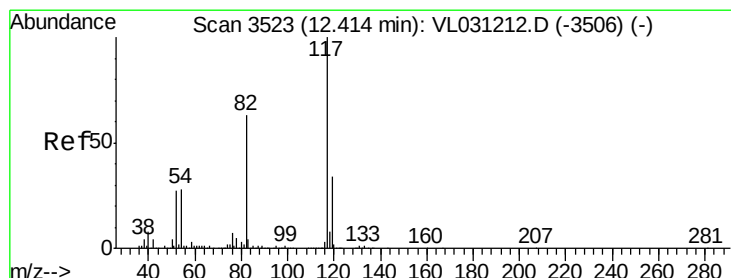
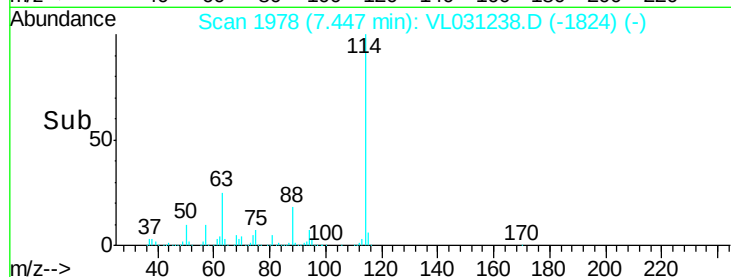
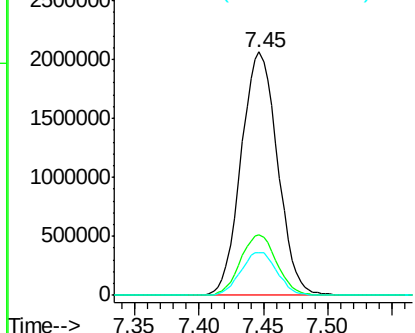
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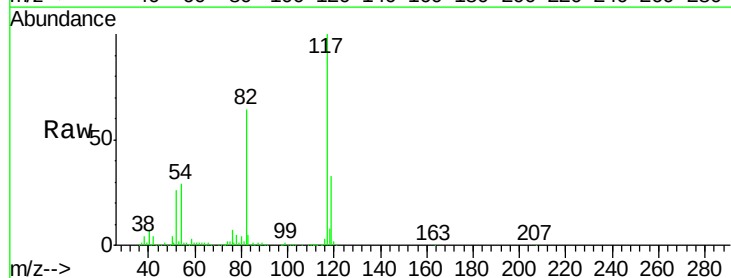


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

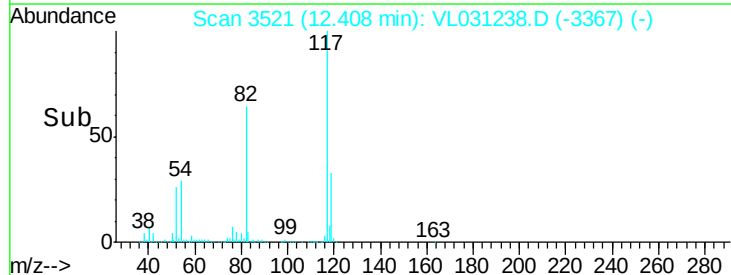
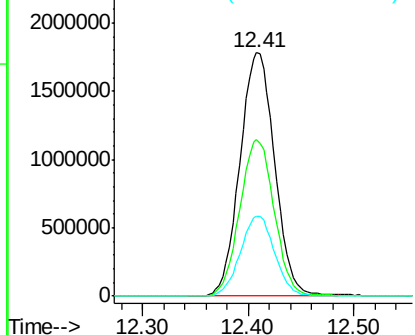


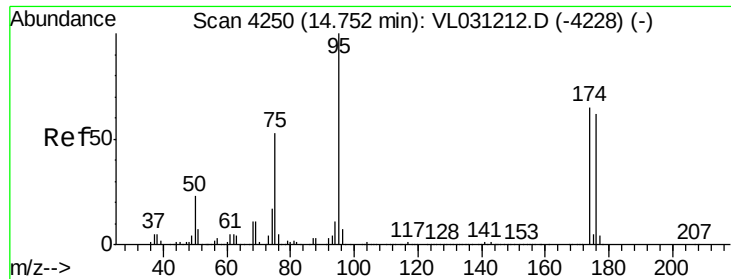
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.41 min Scan# 3521
 Delta R.T. -0.01 min
 Lab File: VL031238.D
 Acq: 14 Dec 2017 19:04

Tgt Ion:	117	Resp:	4087836
Ion	Ratio	Lower	Upper
117	100		
82	64.2	48.1	72.1
119	32.7	23.1	34.7



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: 10.99 ppbv
 RT: 14.75 min Scan# 4248
 Delta R.T. -0.01 min
 Lab File: VL031238.D
 Acq: 14 Dec 2017 19:04

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tot Ion:	95	Resp:	3195150
Ion	Ratio	Lower	Upper
95	100		
174	62.1	52.5	78.7
175	4.6	4.1	6.1

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