

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL103018\
 Data File : VL032704.D
 Acq On : 30 Oct 2018 18:44
 Operator : SY/AP
 Sample : J5702-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DDL2

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 10:40:03 AM

Quant Time: Oct 31 05:51:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1327788	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3205439	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3240958	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2407057	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.02	51	309715	2.983	ppbv	100
9) Propene	3.06	41	84505m	1.978	ppbv	
13) Ethanol	3.67	45	11398m	0.933	ppbv	
15) Acetone	3.91	43	1151142	9.389	ppbv	98
19) Isopropyl Alcohol	4.06	45	98518	1.128	ppbv #	93

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

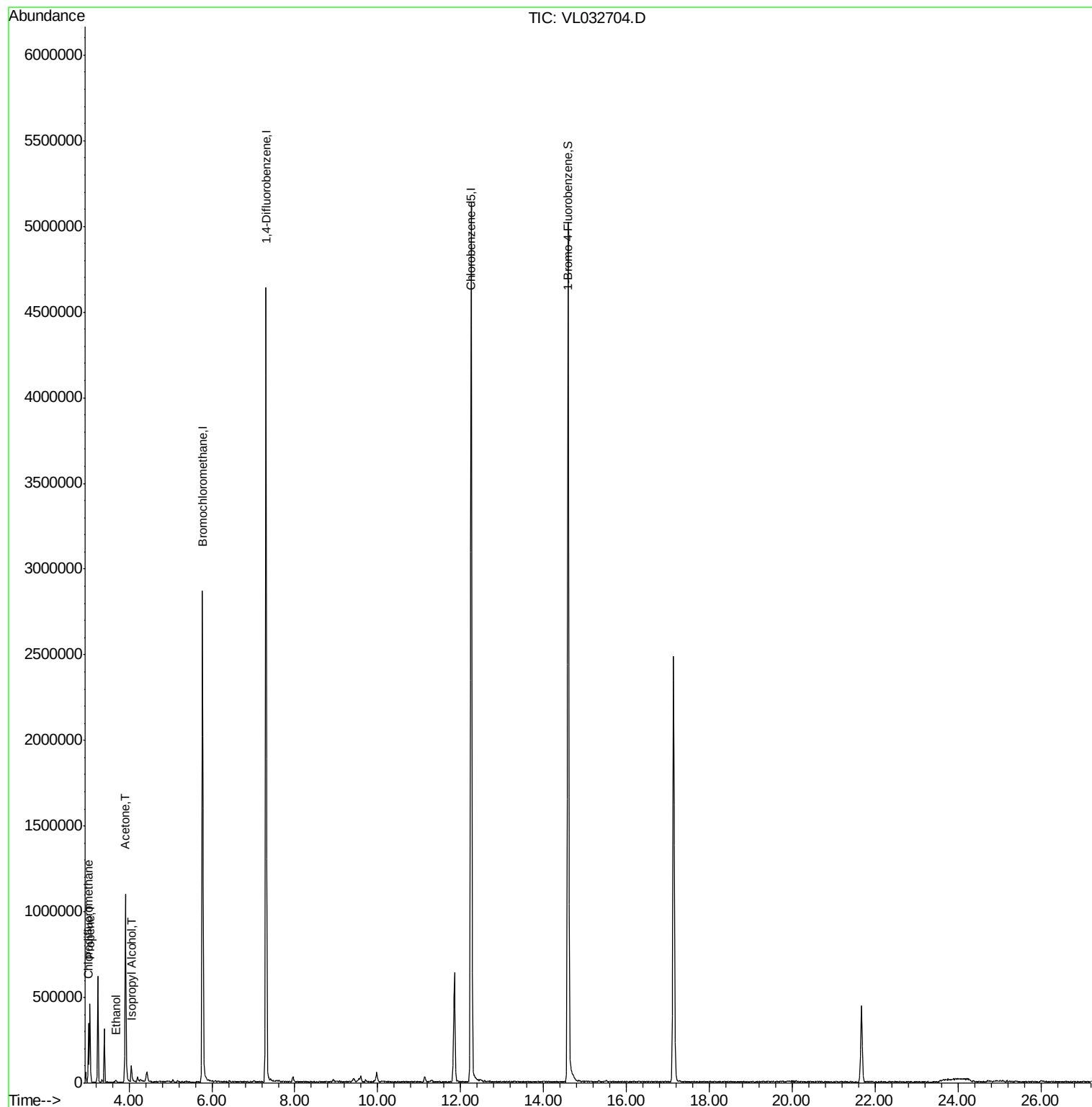
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL103018\
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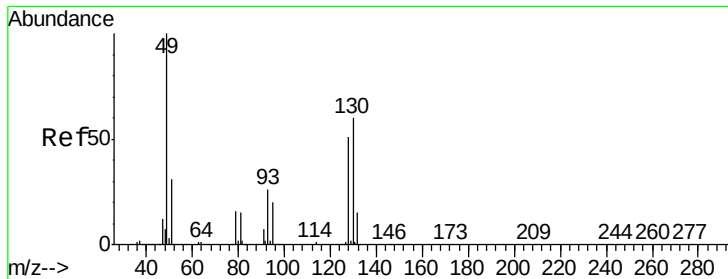
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: VL032704.D

Acq: 30 Oct 2018 18:44

Instrument :

MSVOA_L

ClientSampleID :

FIA-1DDL2

Tot Ion: 49 Resp: 1327788

Ion Ratio Lower Upper

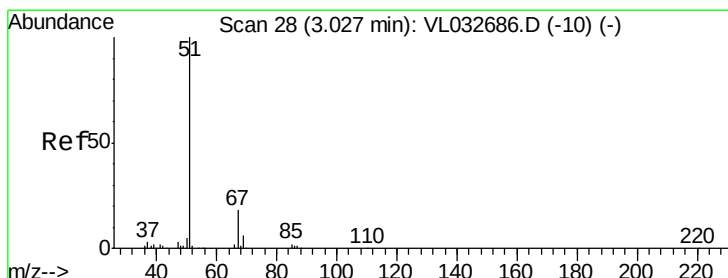
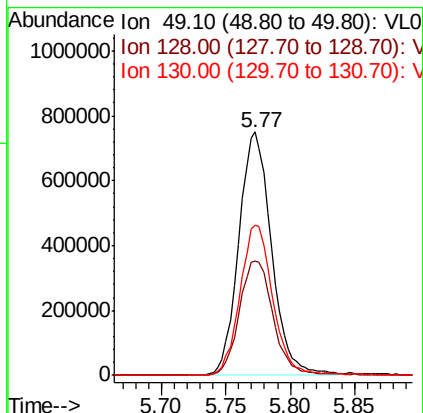
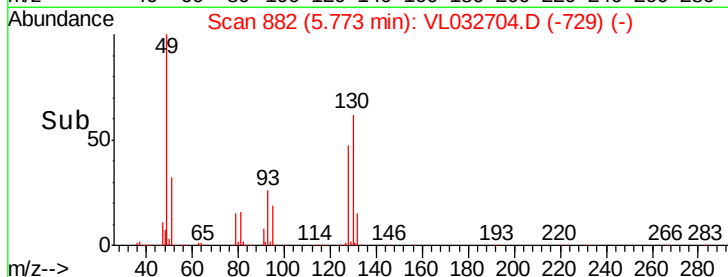
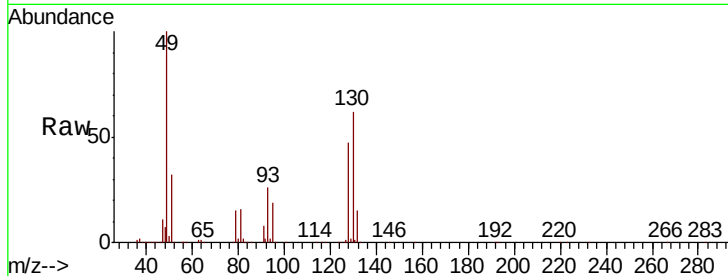
49 100

128 49.2 22.3 66.8

130 62.5 28.4 85.3

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#3

Chlorodifluoromethane

Concen: 2.983 ppbv

RT: 3.02 min Scan# 27

Delta R.T. -0.00 min

Lab File: VL032704.D

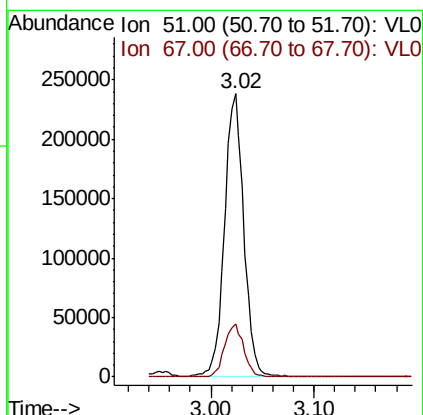
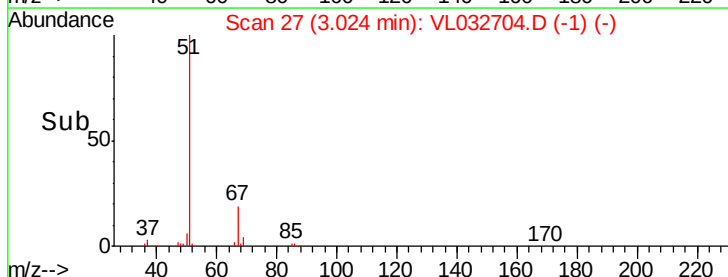
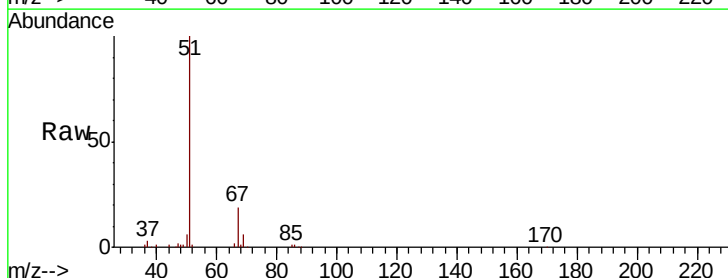
Acq: 30 Oct 2018 18:44

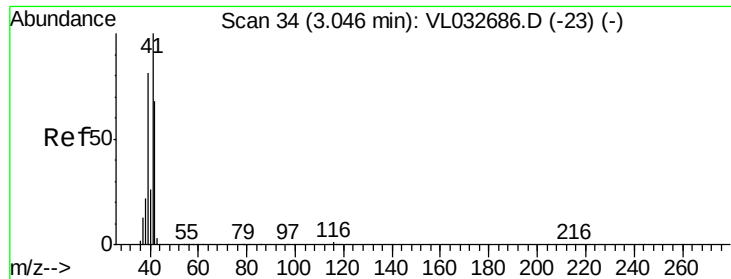
Tgt Ion: 51 Resp: 309715

Ion Ratio Lower Upper

51 100

67 18.8 15.2 22.8





#9

Propene

Concen: 1.978 ppbv m

RT: 3.06 min Scan# 38

Delta R.T. 0.02 min

Lab File: VL032704.D

Acq: 30 Oct 2018 18:44

Instrument :

MSVOA_L

ClientSampled :

FIA-1DDL2

Tot Ion: 41 Resp: 84505

Ion Ratio Lower Upper

41 100

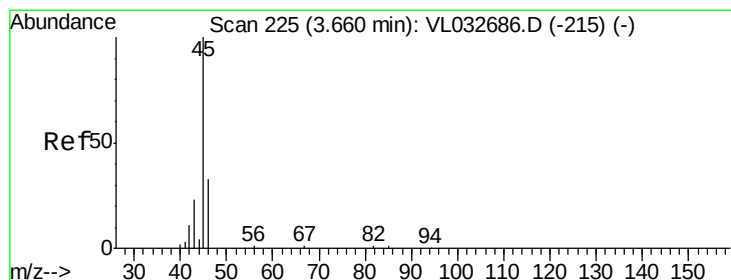
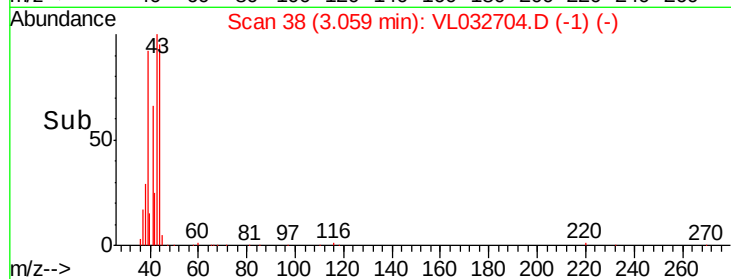
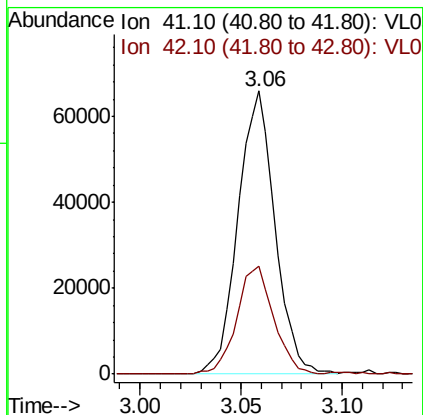
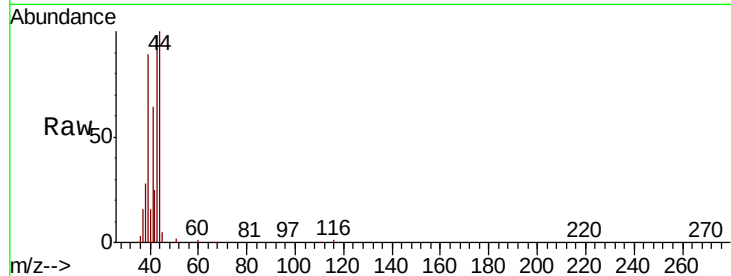
42 133.0 55.4 83.0#

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#13

Ethanol

Concen: 0.933 ppbv m

RT: 3.67 min Scan# 229

Delta R.T. 0.01 min

Lab File: VL032704.D

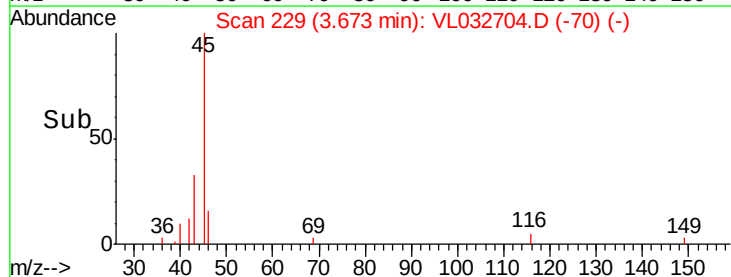
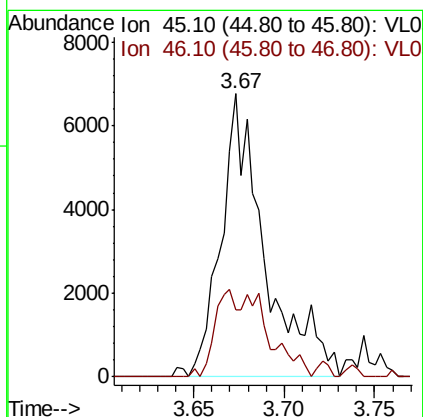
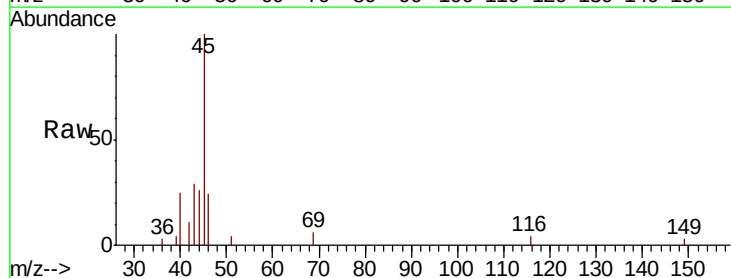
Acq: 30 Oct 2018 18:44

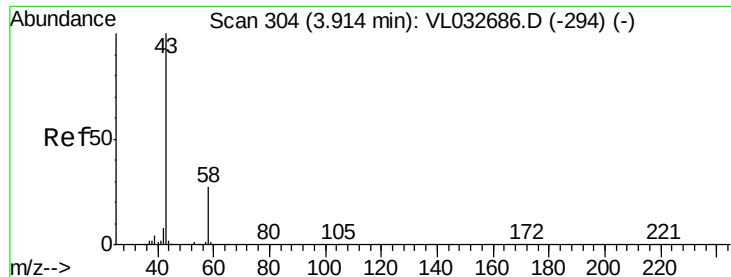
Tgt Ion: 45 Resp: 11398

Ion Ratio Lower Upper

45 100

46 35.6 15.4 61.8





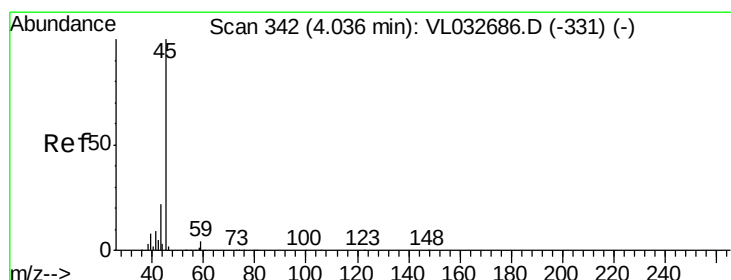
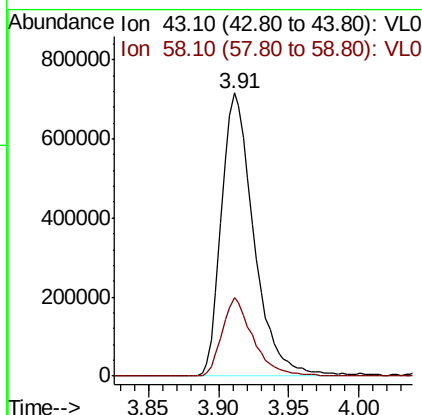
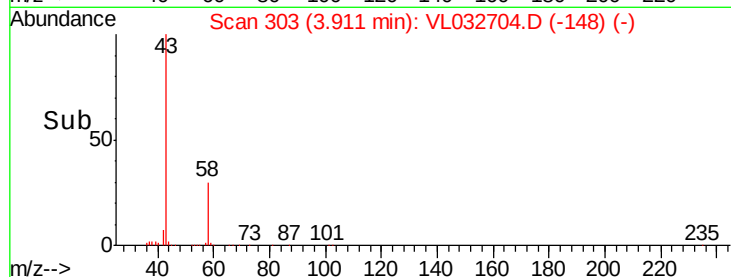
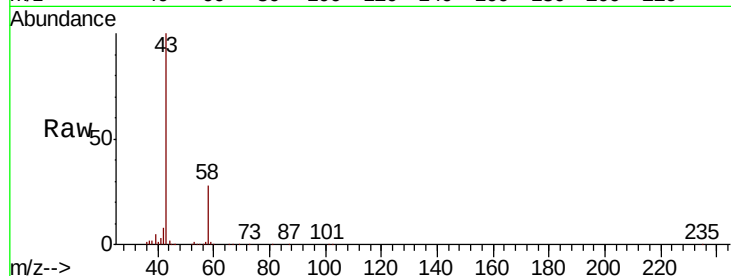
#15
Acetone
Concen: 9.389 ppbv
RT: 3.91 min Scan# 303
Delta R.T. -0.00 min
Lab File: VL032704.D
Acq: 30 Oct 2018 18:44

Instrument :
MSVOA_L
ClientSampleId :
FIA-1DDL2

Tot Ion: 43 Resp: 1151142
Ion Ratio Lower Upper
43 100
58 26.6 22.1 33.1

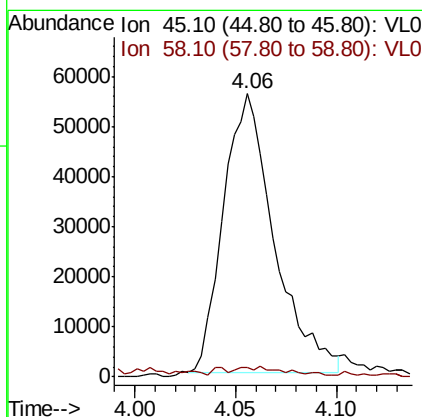
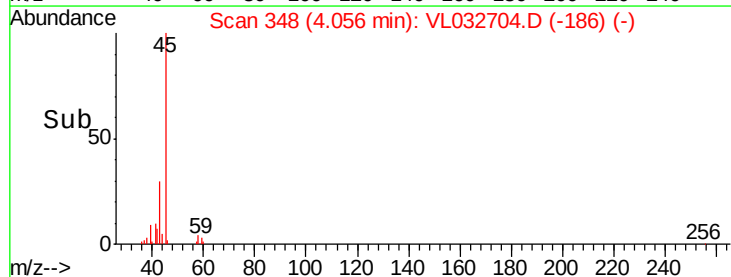
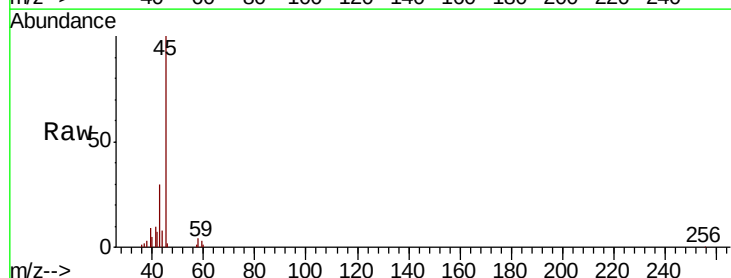
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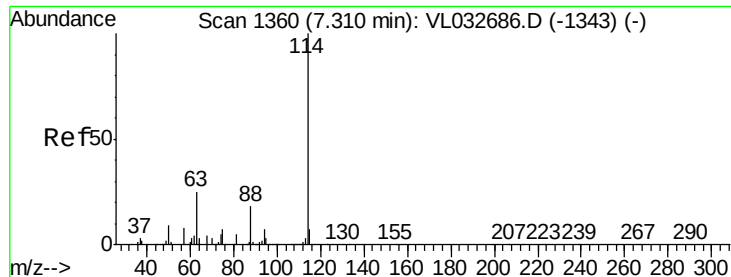
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#19
Isopropyl Alcohol
Concen: 1.128 ppbv
RT: 4.06 min Scan# 348
Delta R.T. 0.02 min
Lab File: VL032704.D
Acq: 30 Oct 2018 18:44

Tgt Ion: 45 Resp: 98518
Ion Ratio Lower Upper
45 100
58 0.0 2.0 3.0#





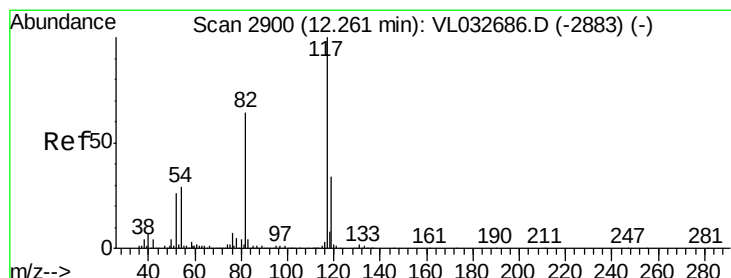
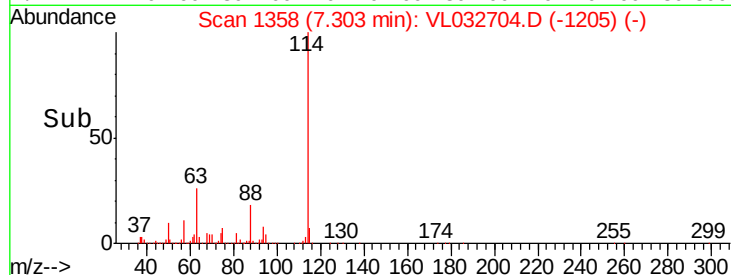
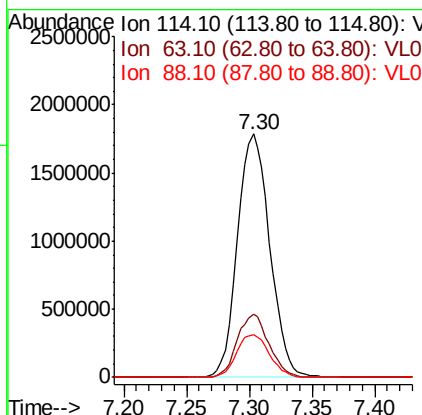
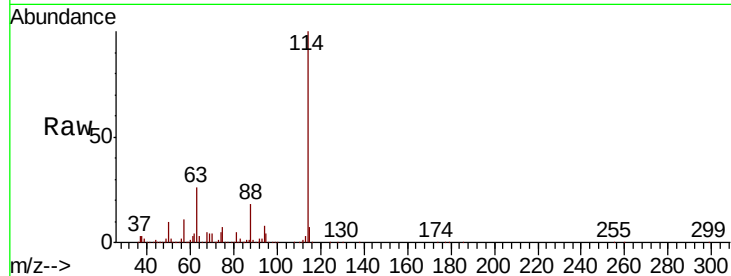
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VL032704.D
 Acq: 30 Oct 2018 18:44

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DDL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.5	21.7	32.5
88	17.9	14.9	22.3

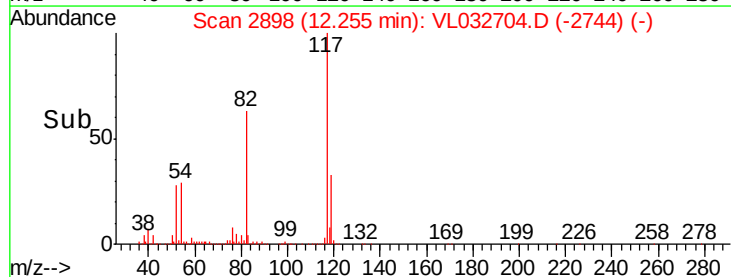
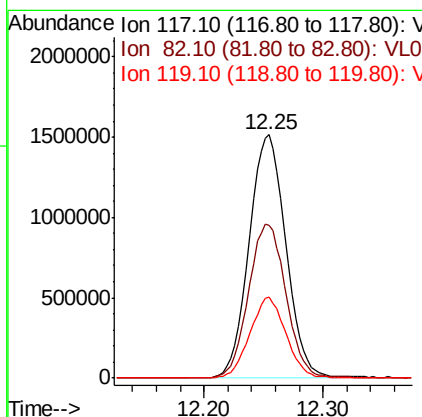
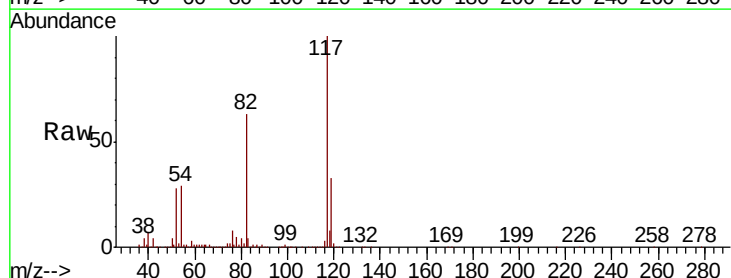
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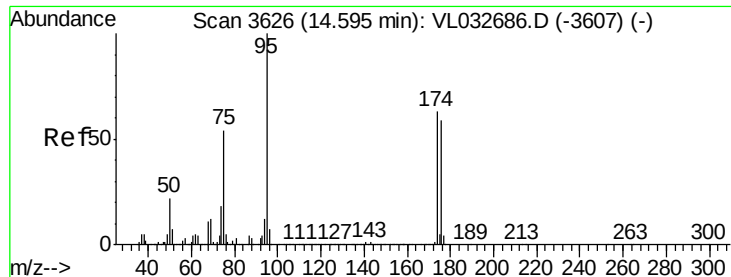
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.25 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VL032704.D
 Acq: 30 Oct 2018 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.4	52.7	79.1
119	32.7	26.7	40.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.975 ppbv
 RT: 14.59 min Scan# 3624
 Delta R.T. -0.00 min
 Lab File: VL032704.D
 Acq: 30 Oct 2018 18:44

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DDL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.8	46.0	69.0
175	4.7	3.4	5.0

Manual Integrations
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