

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032883.D
 Acq On : 4 Dec 2018 19:23
 Operator : SY/AP
 Sample : J6175-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-01DL

Manual Integrations
 APPROVED

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 12/10/2018 1:00:27 PM

Quant Time: Dec 05 15:18:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1518378	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3734757	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3692450	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2654175	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	56036	1.163	ppbv	92
13) Ethanol	3.67	45	24828m	1.574	ppbv	
15) Acetone	3.91	43	211016	1.522	ppbv #	79
34) 2-Butanone	5.34	43	1088500	5.619	ppbv	99
51) 2-Hexanone	10.30	43	65361m	0.335	ppbv	

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

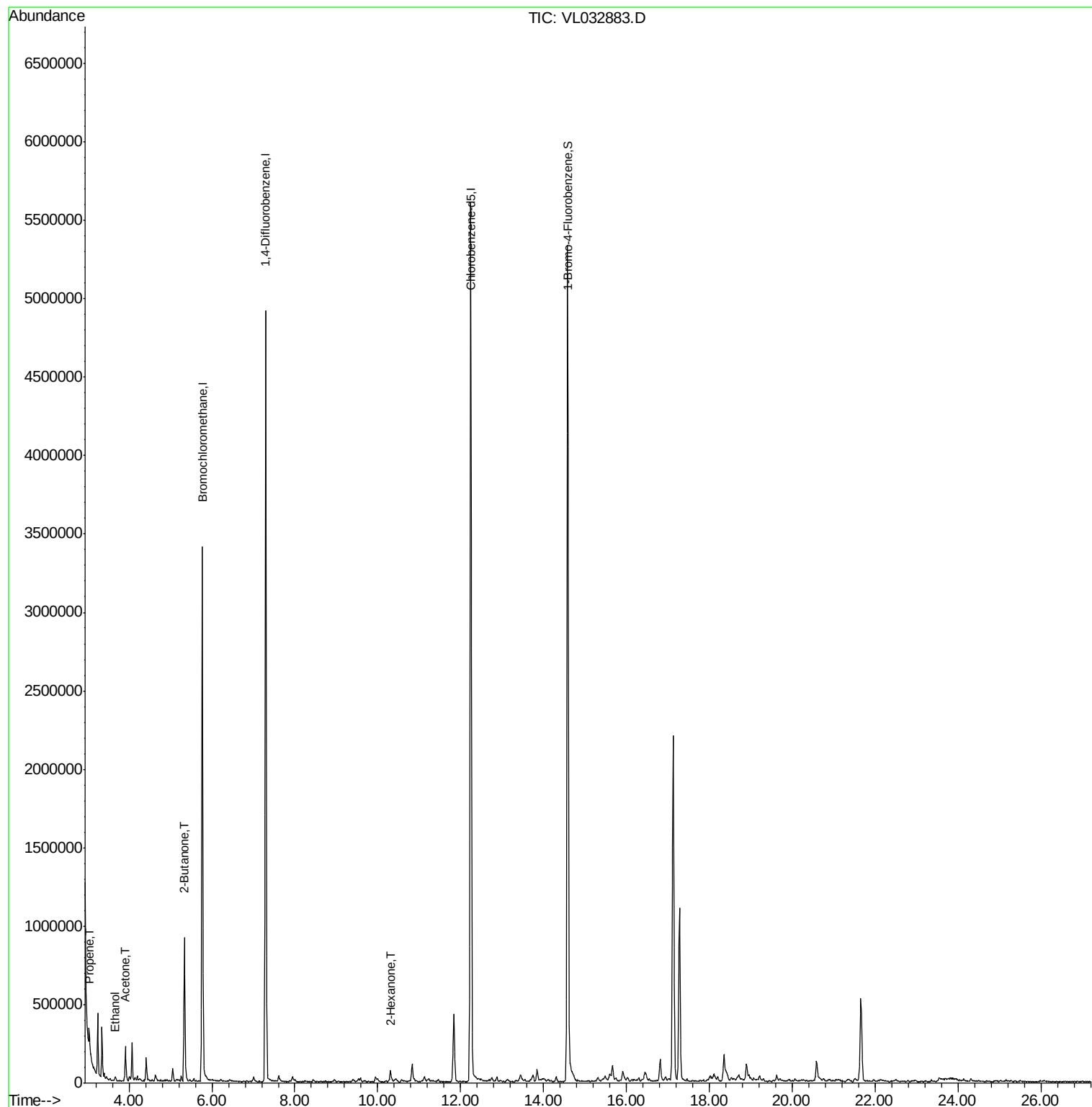
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120418\
Data File : VL032883.D
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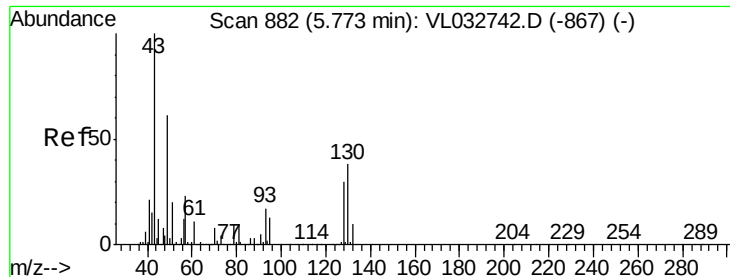
Instrument :
MSVOA_L
ClientSampleId :
MMSV-01DL

Manual Integrations
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Quant Time: Dec 05 15:18:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032883.D

Acq: 4 Dec 2018 19:23

Instrument :

MSVOA_L

ClientSampleId :

MMSV-01DL

Tot Ion: 49 Resp: 1518378

Ion Ratio Lower Upper

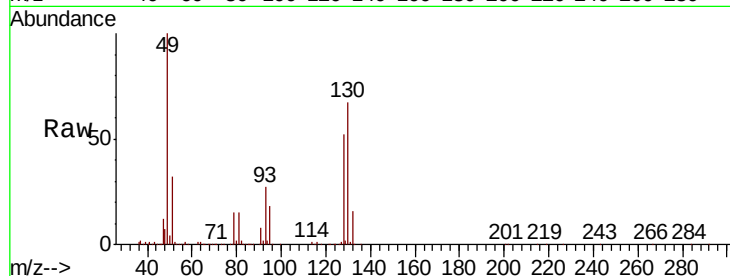
49 100

128 52.4 24.9 74.6

130 67.0 31.4 94.2

Manual Integrations
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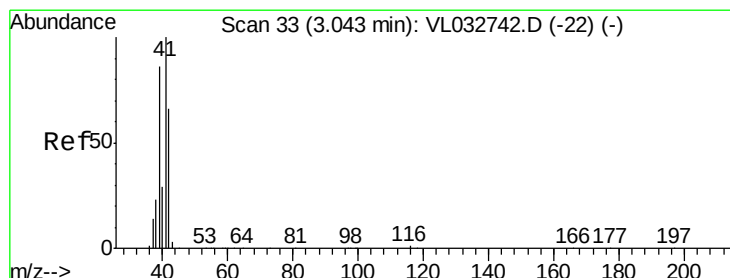
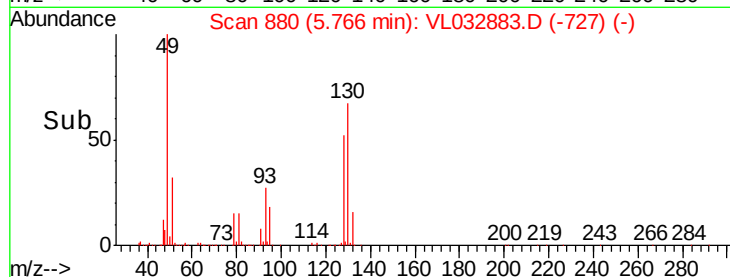
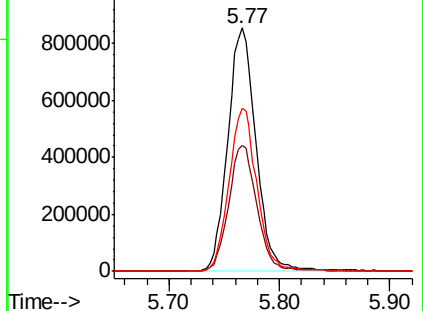
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 1.163 ppbv

RT: 3.04 min Scan# 33

Delta R.T. -0.00 min

Lab File: VL032883.D

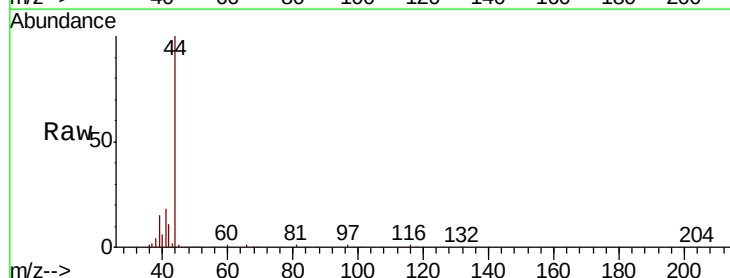
Acq: 4 Dec 2018 19:23

Tgt Ion: 41 Resp: 56036

Ion Ratio Lower Upper

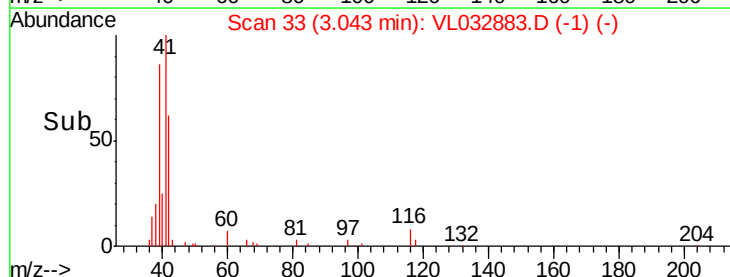
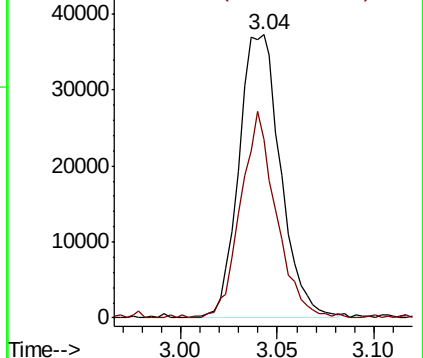
41 100

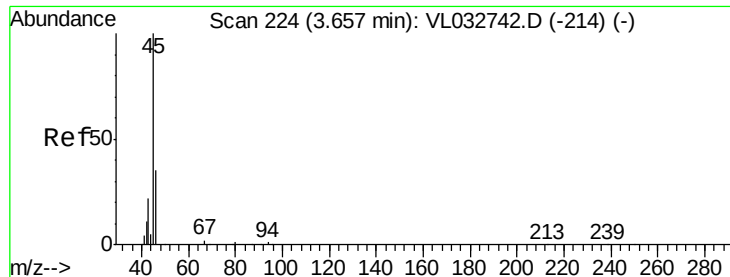
42 62.4 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





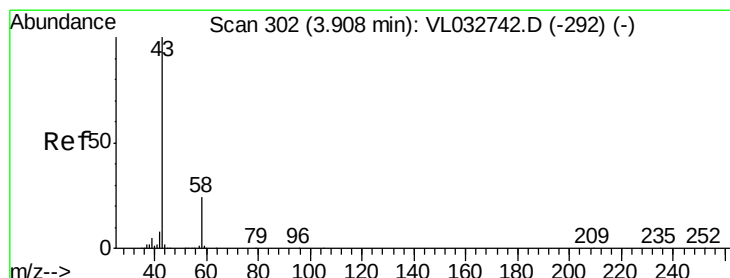
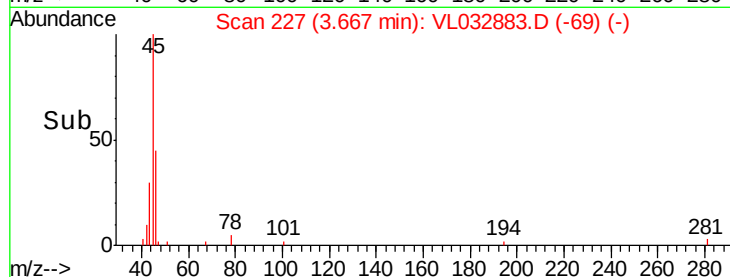
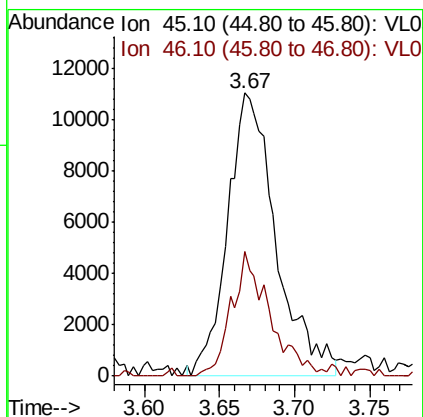
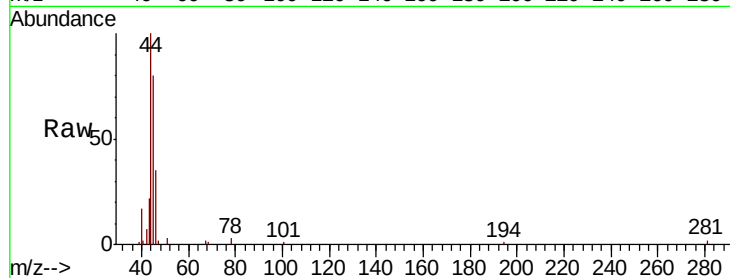
#13
Ethanol
Concen: 1.574 ppbv m
RT: 3.67 min Scan# 227
Delta R.T. 0.01 min
Lab File: VL032883.D
Acq: 4 Dec 2018 19:23

Instrument :
MSVOA_L
ClientSampleId :
MMSV-01DL

Tot Ion	45	Ratio	Lower	Upper
45	100			
46	35.4	14.5	57.9	

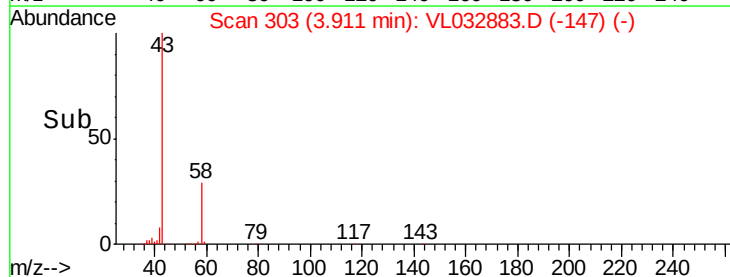
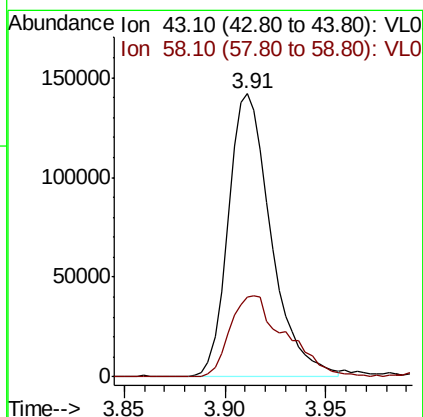
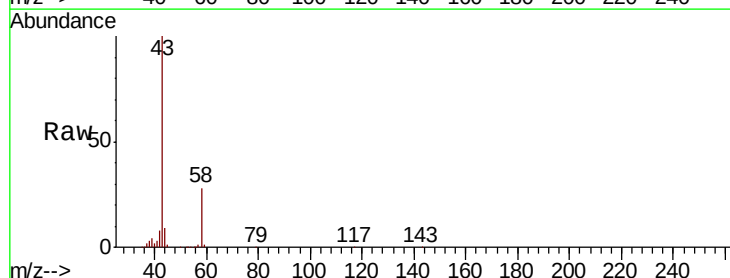
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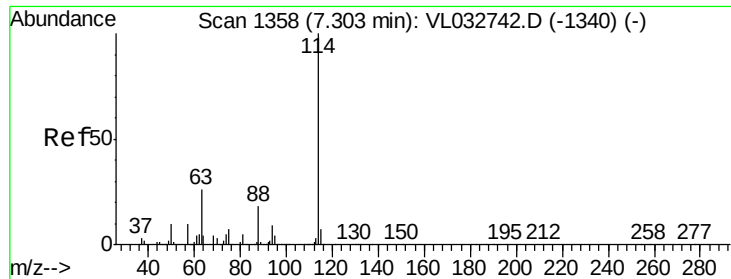
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#15
Acetone
Concen: 1.522 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.00 min
Lab File: VL032883.D
Acq: 4 Dec 2018 19:23

Tgt Ion	43	Ratio	Lower	Upper
43	100			
58	37.2	21.1	31.7	





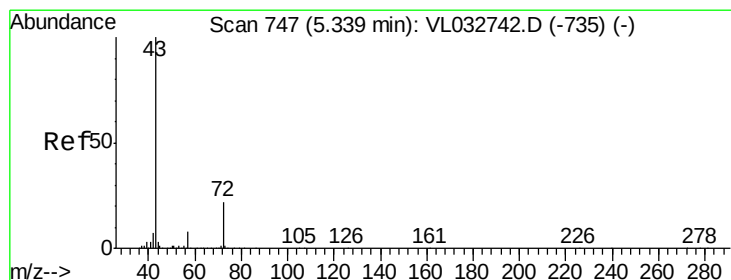
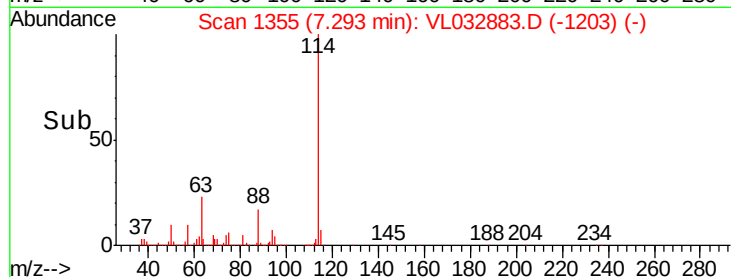
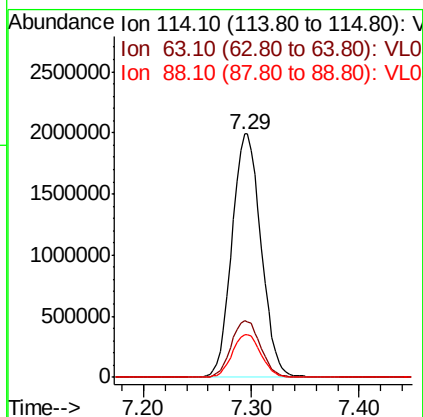
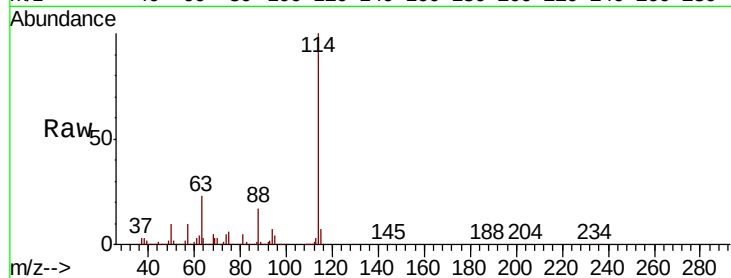
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032883.D
 Acq: 4 Dec 2018 19:23

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-01DL

Tot Ion:114 Resp: 3734757
 Ion Ratio Lower Upper
 114 100
 63 23.5 20.9 31.3
 88 17.4 14.4 21.6

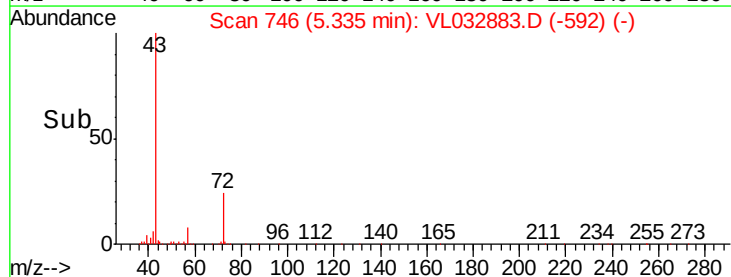
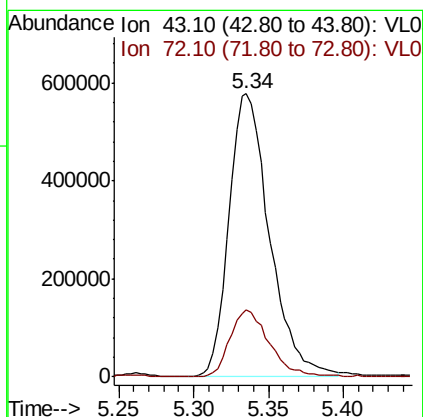
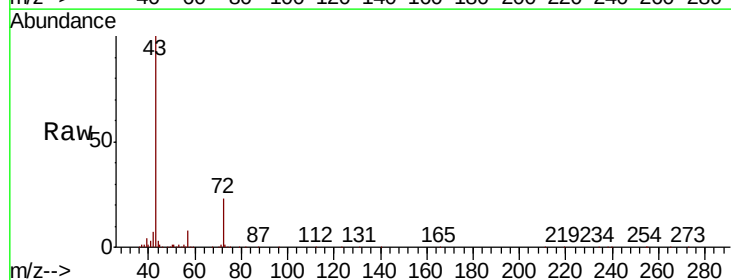
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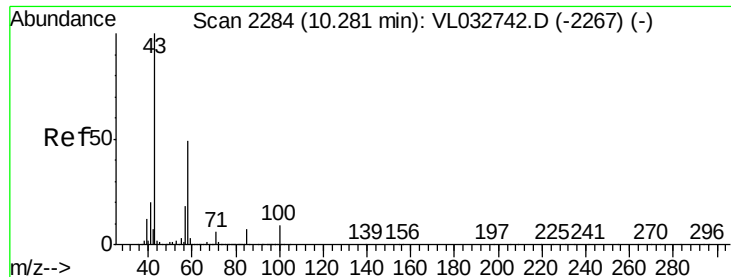
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#34
 2-Butanone
 Concen: 5.619 ppbv
 RT: 5.34 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VL032883.D
 Acq: 4 Dec 2018 19:23

Tgt Ion: 43 Resp: 1088500
 Ion Ratio Lower Upper
 43 100
 72 23.5 18.4 27.6





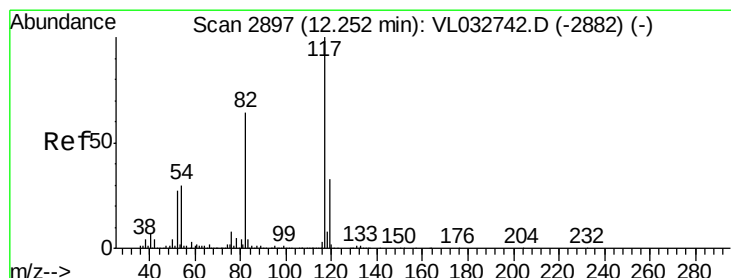
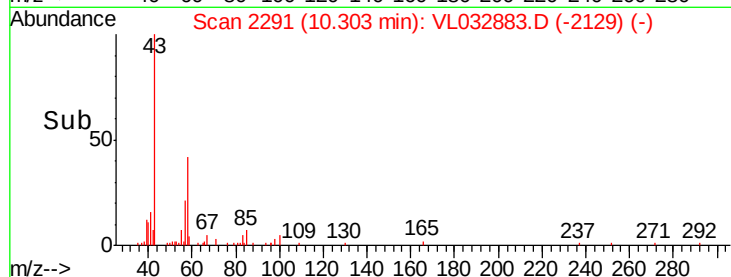
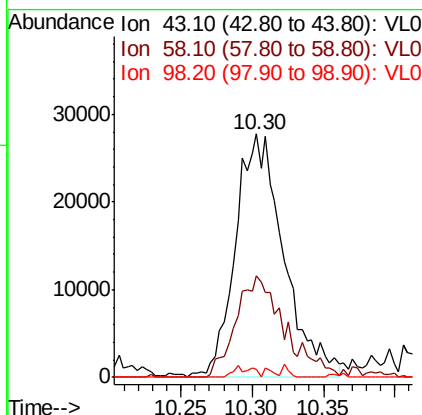
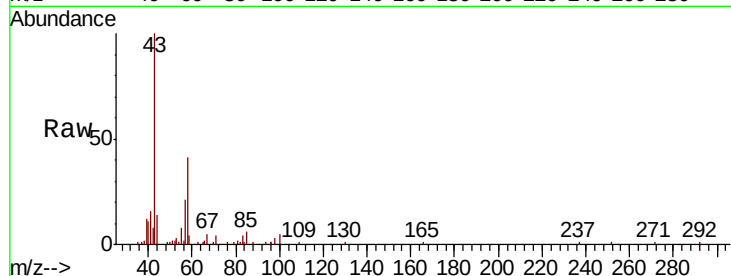
#51
2-Hexanone
Concen: 0.335 ppbv m
RT: 10.30 min Scan# 2291
Delta R.T. 0.02 min
Lab File: VL032883.D
Acq: 4 Dec 2018 19:23

Instrument :
MSVOA_L
ClientSampleId :
MMSV-01DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.9	58.3#
98	0.0	0.2	0.4#

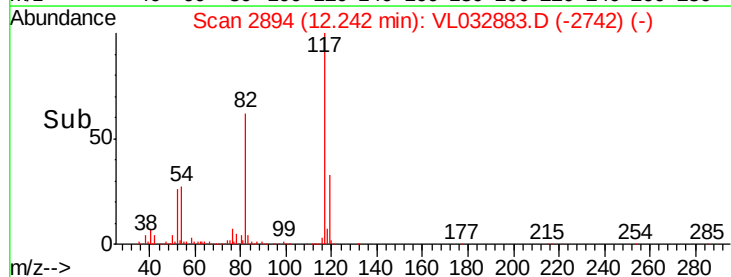
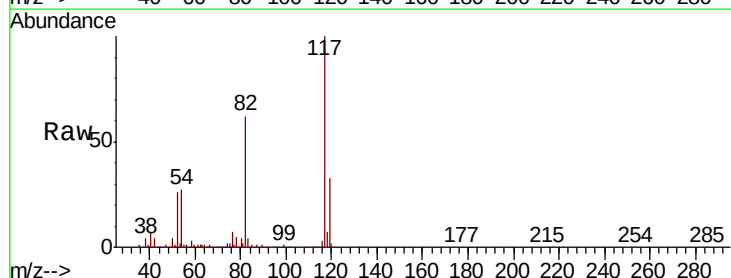
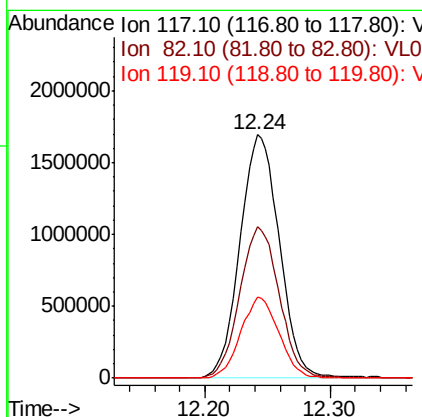
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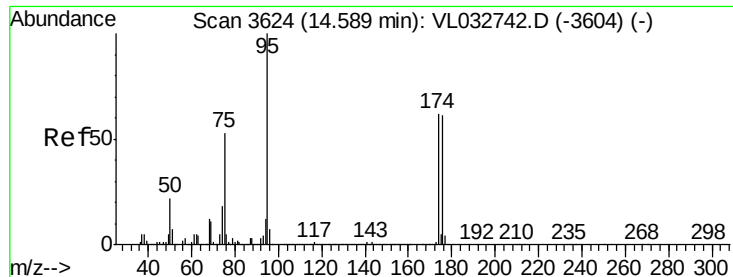
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032883.D
Acq: 4 Dec 2018 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.6	51.0	76.6
119	32.4	28.0	42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.610 ppbv

RT: 14.58 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL032883.D

Acq: 4 Dec 2018 19:23

Instrument :

MSVOA_L

ClientSampleId :

MMSV-01DL

Tot Ion: 95 Resp: 2654175

Ion Ratio Lower Upper

95 100

174 67.6 50.7 76.1

175 5.1 3.8 5.6

Manual Integrations

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