

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
 Data File : VL032864.D
 Acq On : 1 Dec 2018 00:53
 Operator : SY/AP
 Sample : J6132-05DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-04DL

Manual Integrations
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Quant Time: Dec 01 04:03:03 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	1453331	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3597724	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3354641	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2481230	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.67	45	27095m	1.794	ppbv	
15) Acetone	3.92	43	52611	0.396	ppbv #	75
20) Methylene Chloride	4.42	84	28831m	0.420	ppbv	
26) Hexane	5.79	57	48507	0.352	ppbv #	45
34) 2-Butanone	5.35	43	51819	0.278	ppbv	94

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

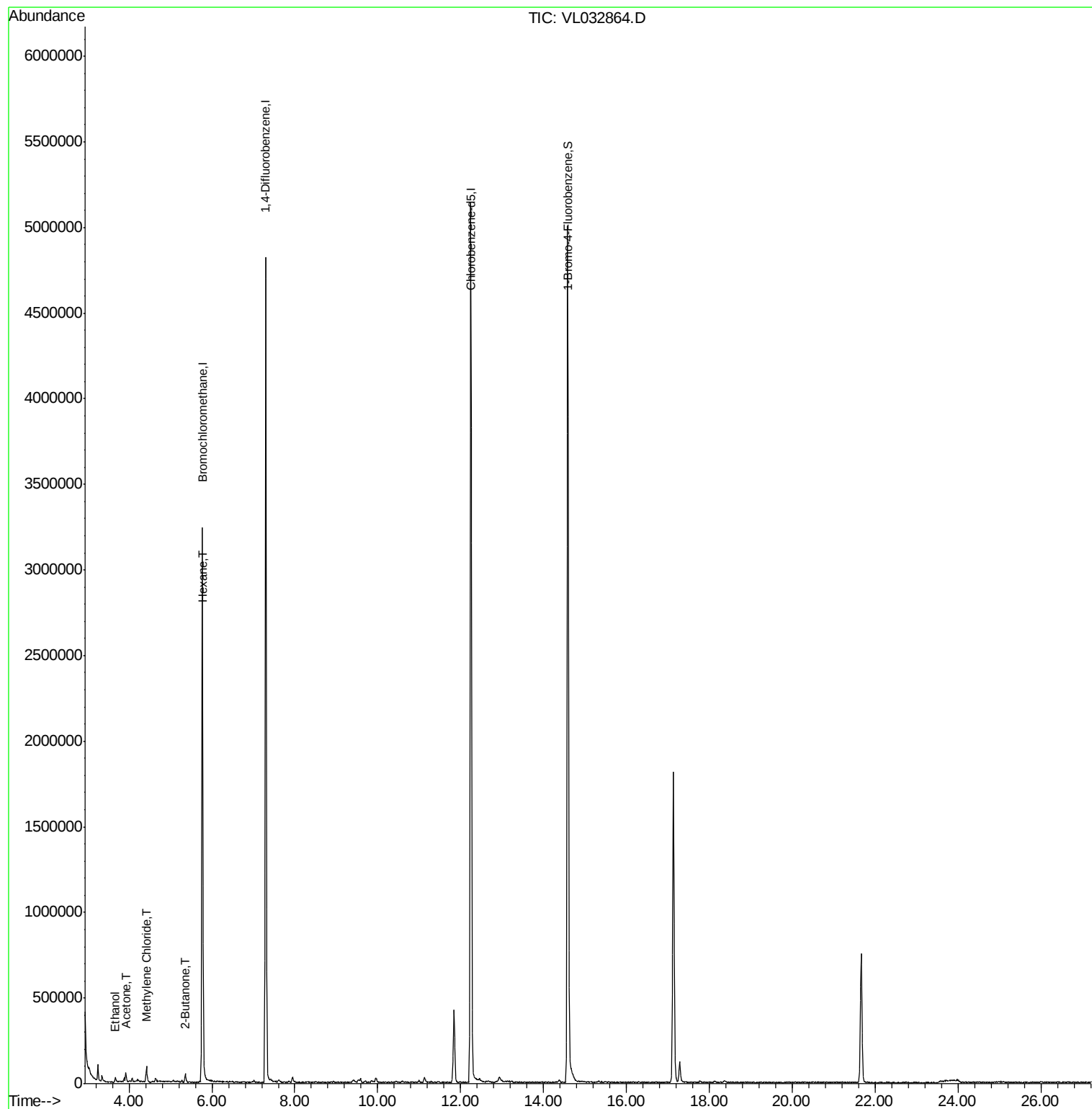
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL113018\
Data File : VL032864.D
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Misc : 400ml/MSVOA L
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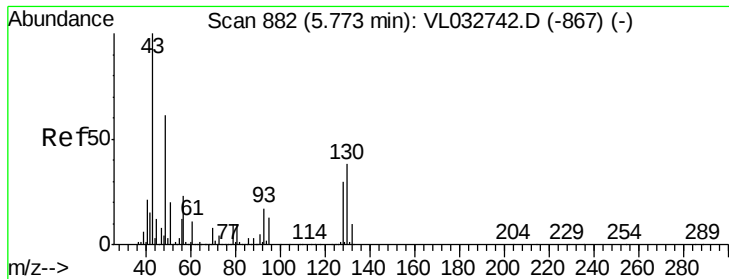
Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

Manual Integrations
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Quant Time: Dec 01 04:03:03 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: VL032864.D

Acq: 1 Dec 2018 00:53

Instrument :

MSVOA_L

ClientSampled :

DSV-04DL

Tot Ion: 49 Resp: 1453331

Ion Ratio Lower Upper

49 100

128 53.0 24.9 74.6

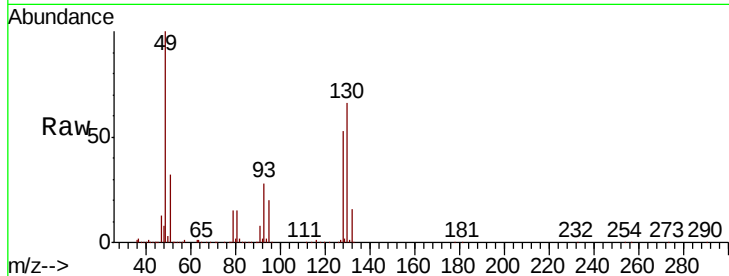
130 67.4 31.4 94.2

Manual Integrations

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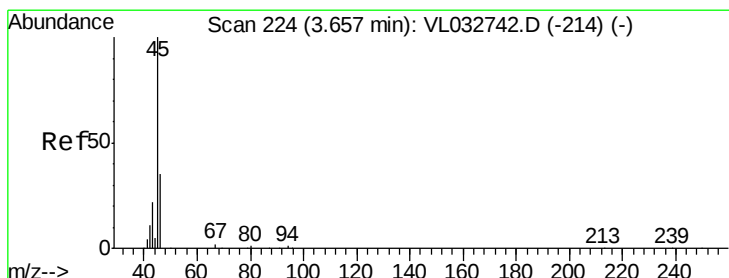
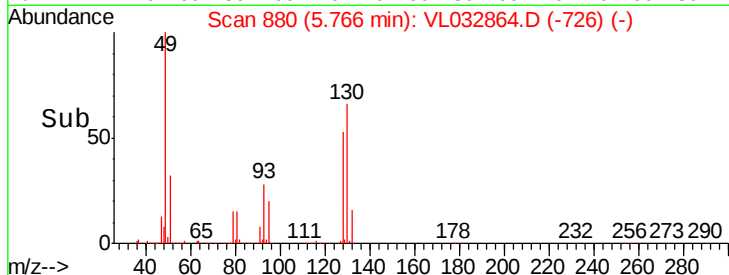
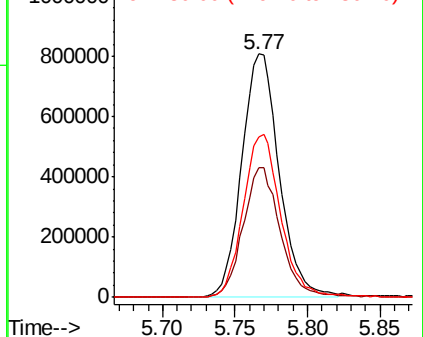
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 1.794 ppbv m

RT: 3.67 min Scan# 228

Delta R.T. 0.01 min

Lab File: VL032864.D

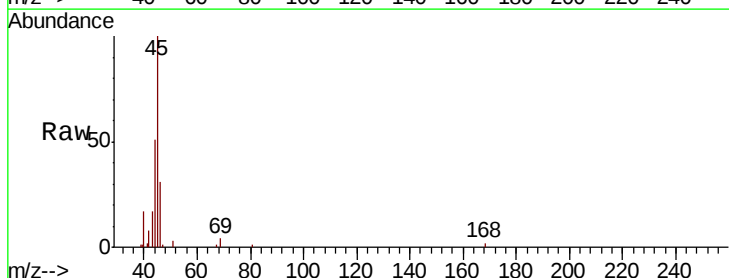
Acq: 1 Dec 2018 00:53

Tgt Ion: 45 Resp: 27095

Ion Ratio Lower Upper

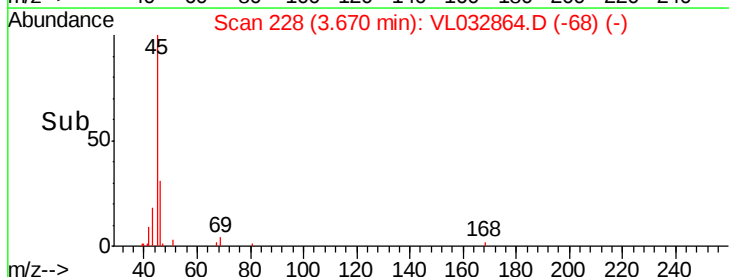
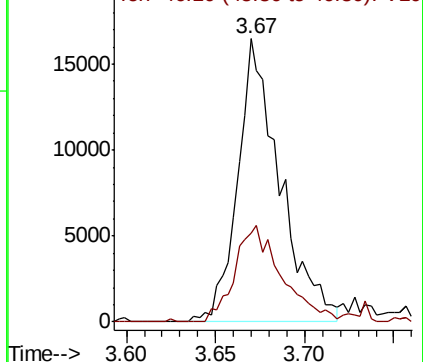
45 100

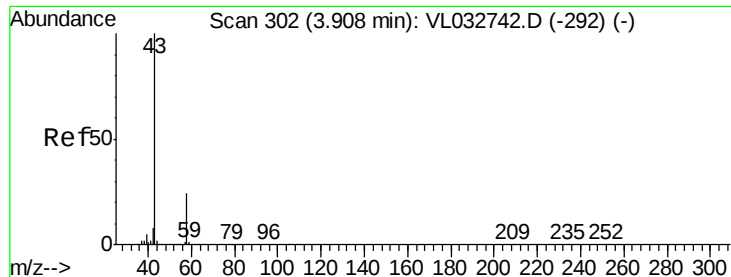
46 0.0 14.5 57.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





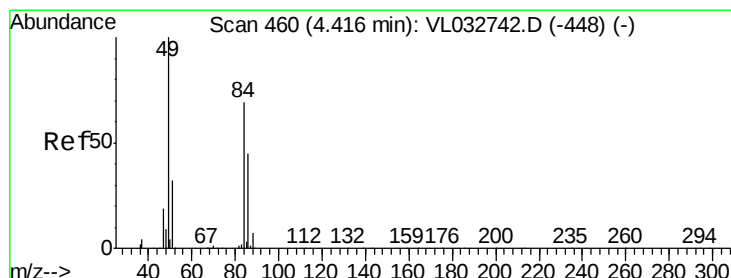
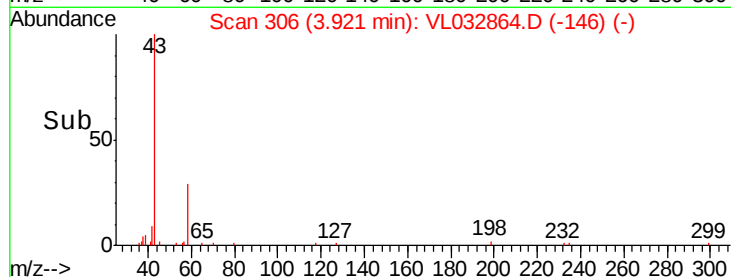
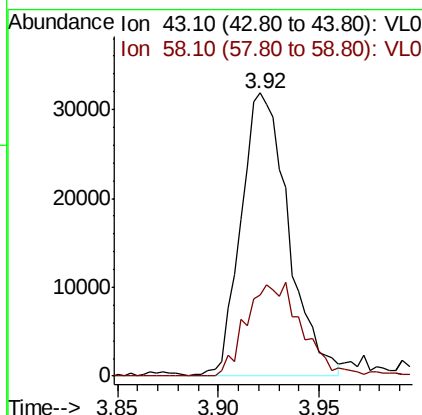
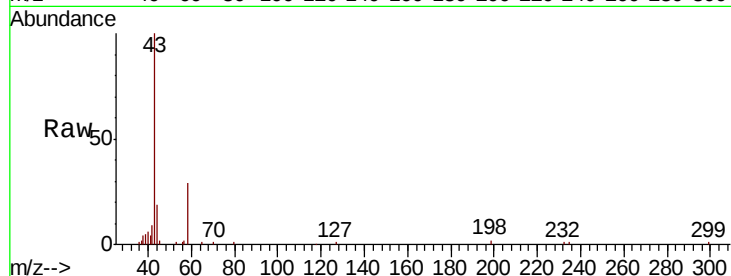
#15
Acetone
Concen: 0.396 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	21.1	31.7#

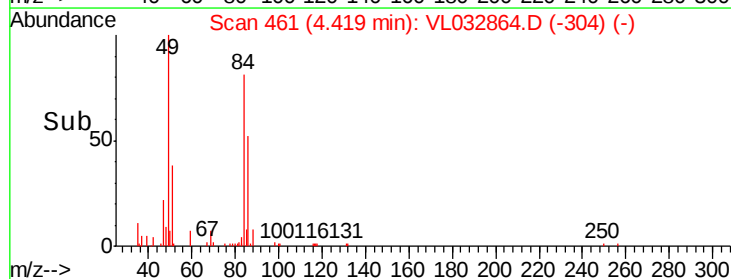
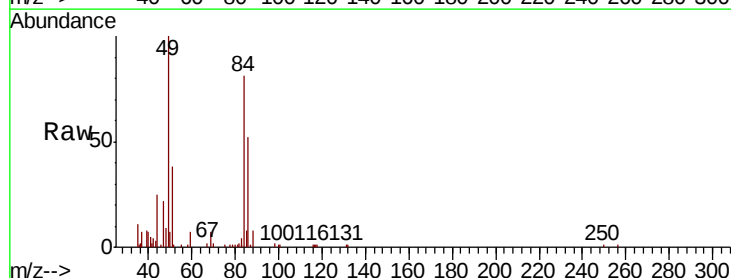
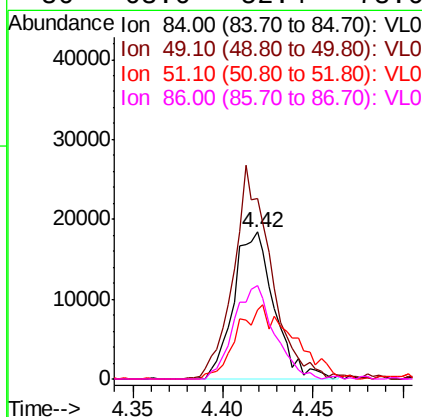
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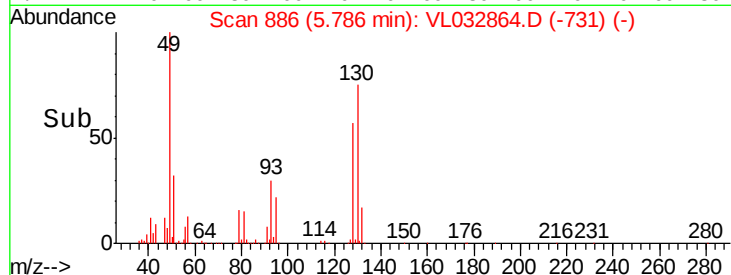
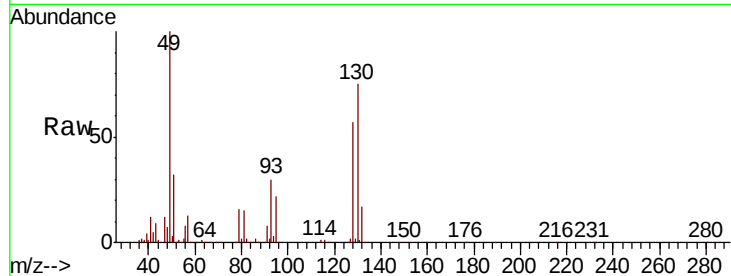
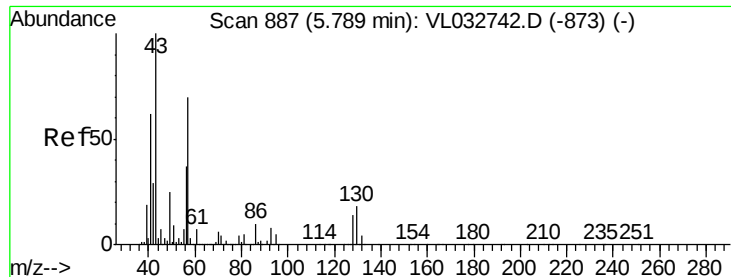
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#20
Methylene Chloride
Concen: 0.420 ppbv m
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	115.8	173.6
51	47.0	36.9	55.3
86	63.6	52.4	78.6





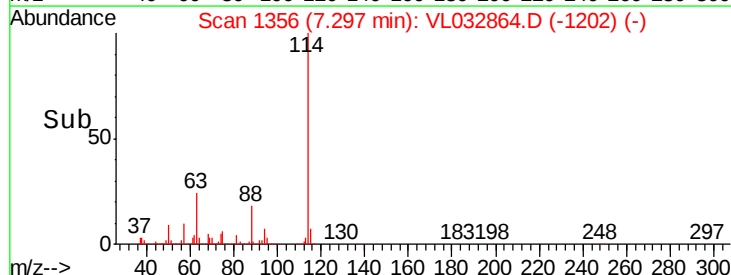
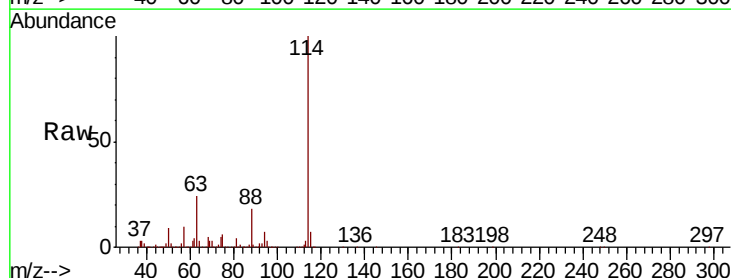
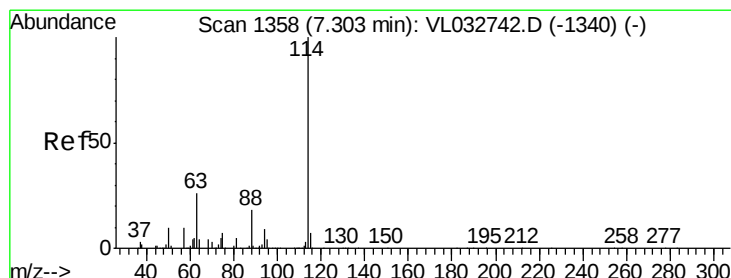
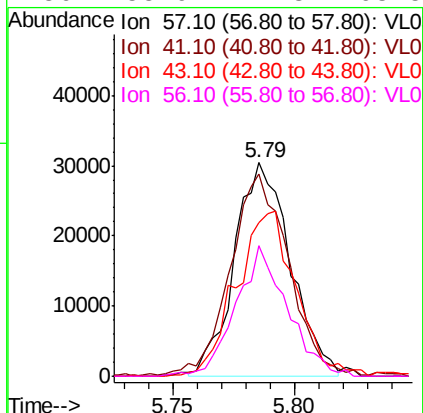
#26
Hexane
Concen: 0.352 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Tot Ion	Ratio	Lower	Upper
57	100		
41	100.8	70.3	105.5
43	84.5	174.0	261.0#
56	55.9	42.3	63.5

Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

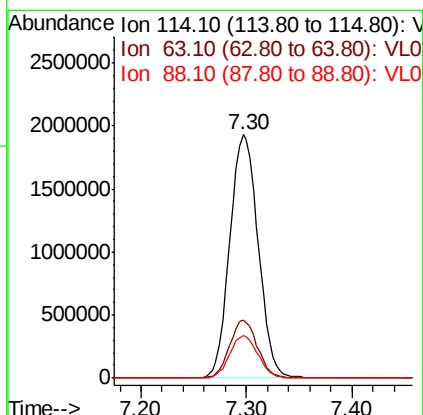
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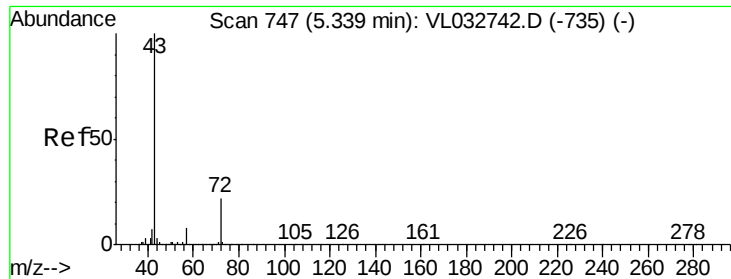
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.5	20.9	31.3
88	17.3	14.4	21.6





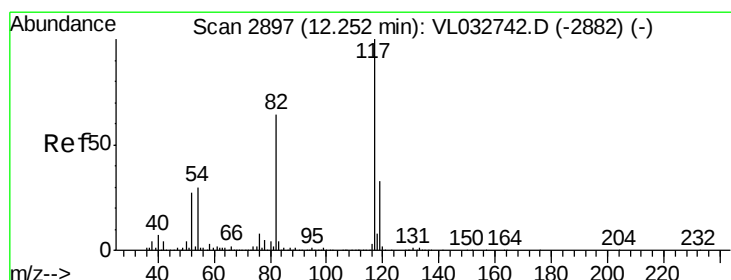
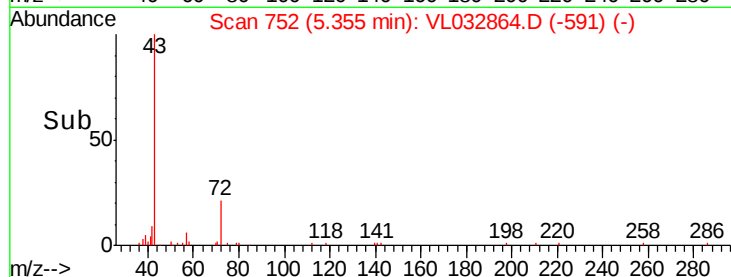
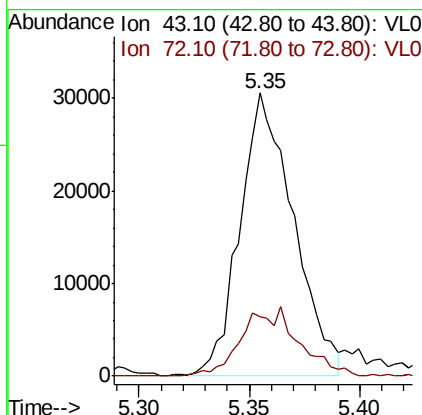
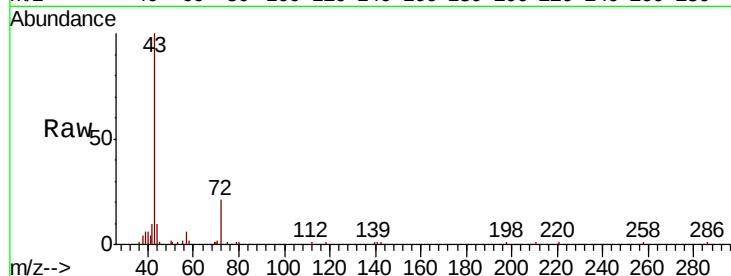
#34
2-Butanone
Concen: 0.278 ppbv
RT: 5.35 min Scan# 752
Delta R.T. 0.02 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Instrument :
MSVOA_L
ClientSampleId :
DSV-04DL

Tot Ion	43.10	Resp	51819
Ion	Ratio	Lower	Upper
43	100		
72	25.9	18.4	27.6

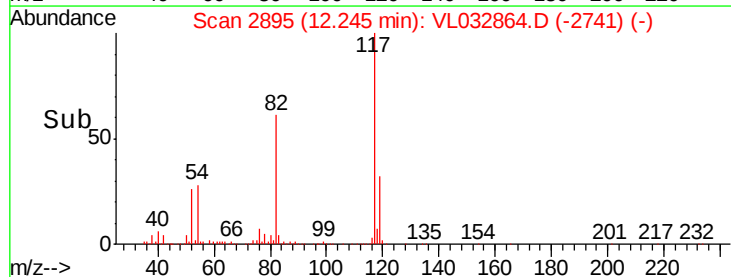
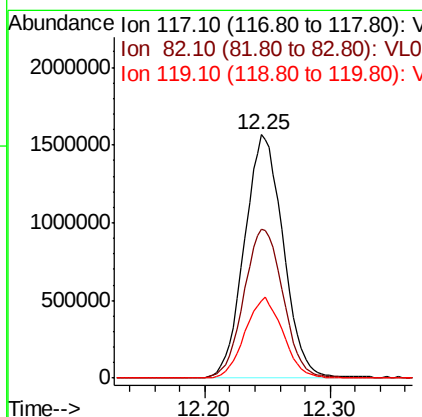
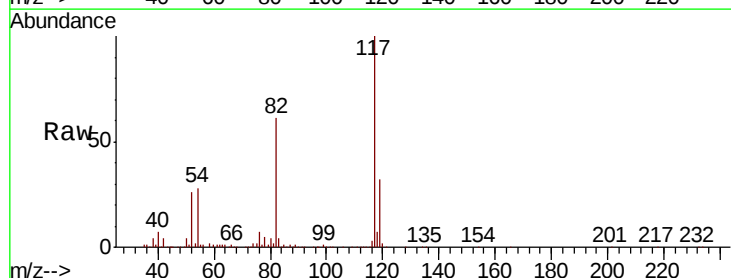
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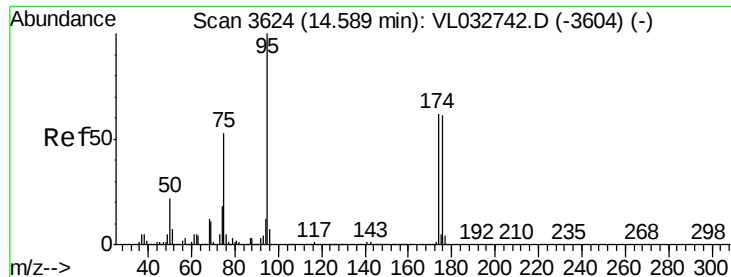
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032864.D
Acq: 1 Dec 2018 00:53

Tgt Ion	117	Resp	3354641
Ion	Ratio	Lower	Upper
117	100		
82	62.8	51.0	76.6
119	32.9	28.0	42.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.889 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL032864.D
 Acq: 1 Dec 2018 00:53

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-04DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.8	50.7	76.1
175	5.0	3.8	5.6

Manual Integrations
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