

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032502.D
 Acq On : 11 Sep 2018 11:04
 Operator : SY/AP
 Sample : J4820-06DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 253-BERRYDL

Manual Integrations
 APPROVED

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 9/12/2018 3:59:53 PM

Quant Time: Sep 12 08:43:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 2018
 QLast Update : Fri Aug 31 21:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1364817	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3082142	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.28	117	3082485	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2432684	10.63	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.06	41	75097	1.51	ppbv	95
13) Ethanol	3.69	45	13890m	0.89	ppbv	
15) Acetone	3.93	43	205595	1.67	ppbv #	76
26) Hexane	5.82	57	19250m	0.15	ppbv	
34) 2-Butanone	5.36	43	1833345	8.96	ppbv	99
51) 2-Hexanone	10.34	43	188632	0.95	ppbv #	97

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

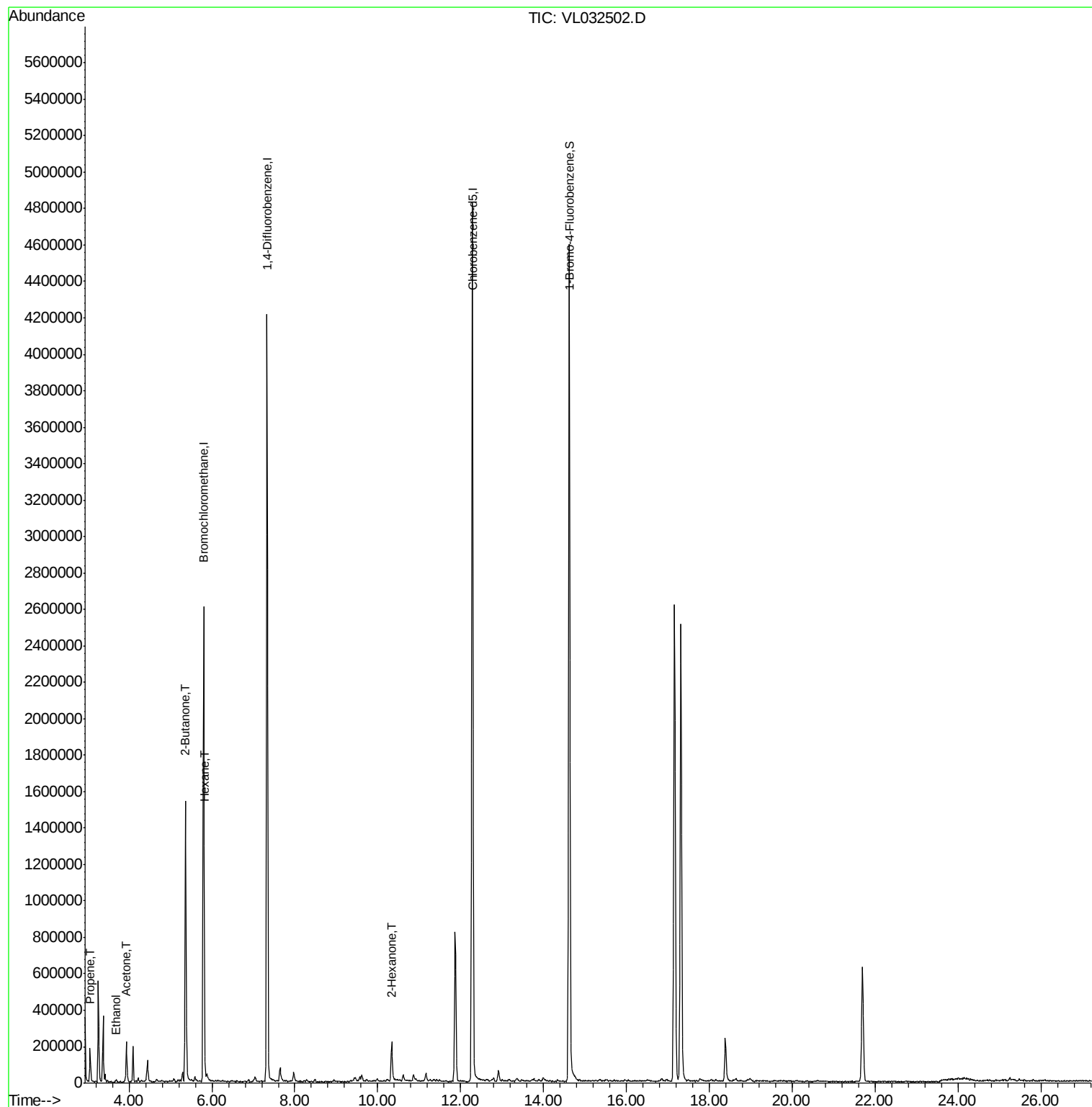
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.80 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL032502.D

Acq: 11 Sep 2018 11:04

Instrument :

MSVOA_L

ClientSampleId :

253-BERRYDL

Tot Ion: 49 Resp: 1364817

Ion Ratio Lower Upper

49 100

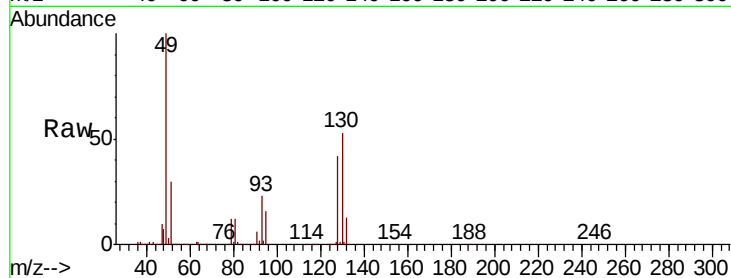
128 42.2 20.7 62.1

130 53.2 26.6 79.7

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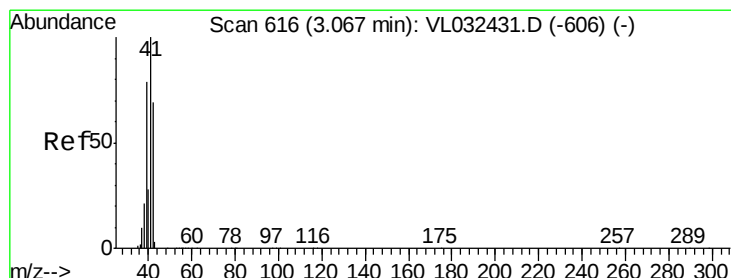
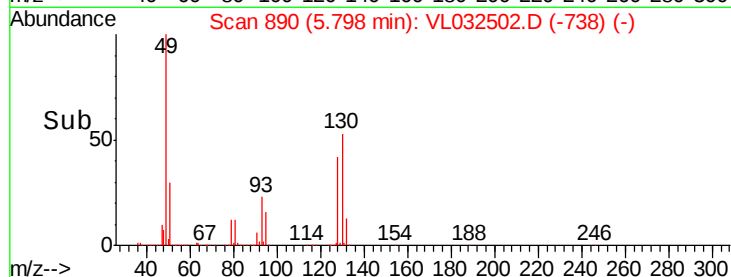
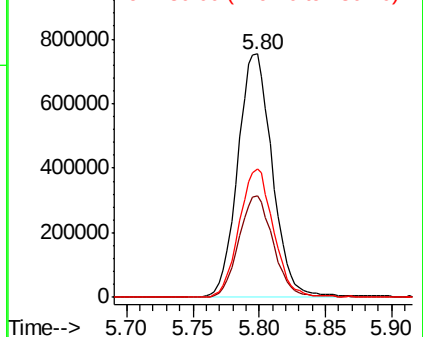
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 1.51 ppbv

RT: 3.06 min Scan# 39

Delta R.T. -0.01 min

Lab File: VL032502.D

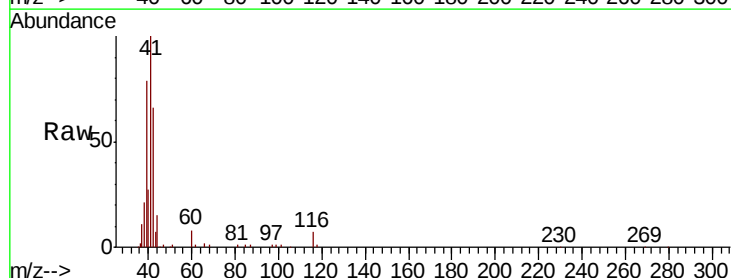
Acq: 11 Sep 2018 11:04

Tgt Ion: 41 Resp: 75097

Ion Ratio Lower Upper

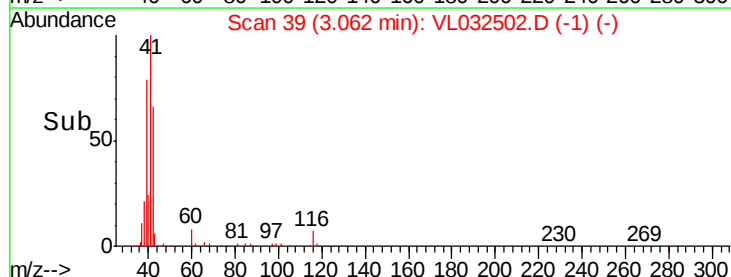
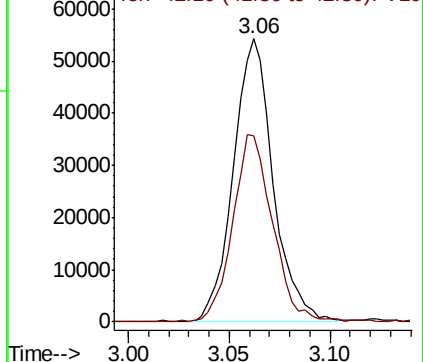
41 100

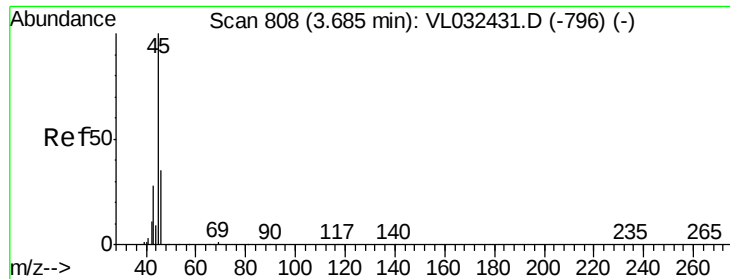
42 66.7 56.6 84.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





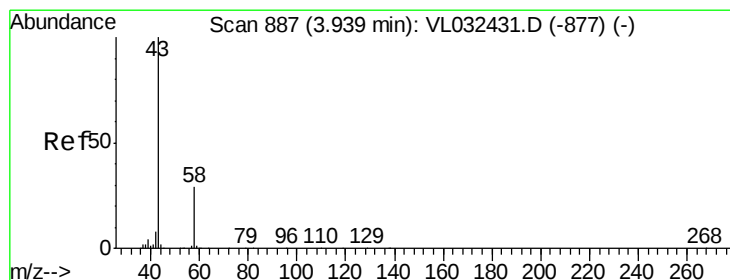
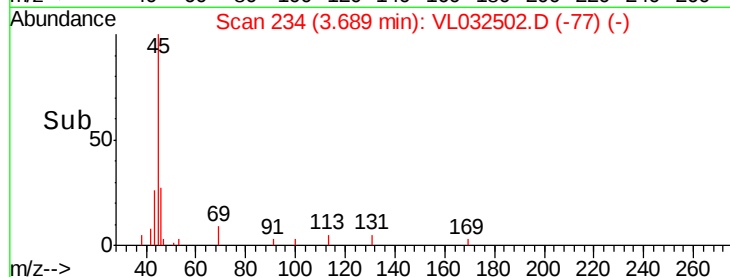
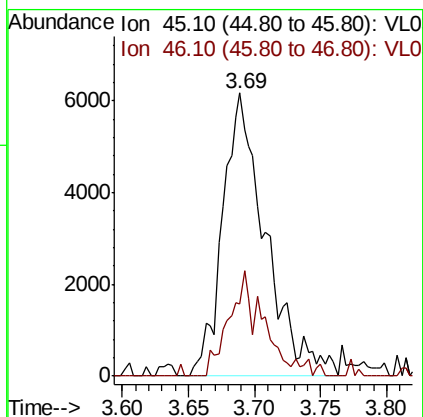
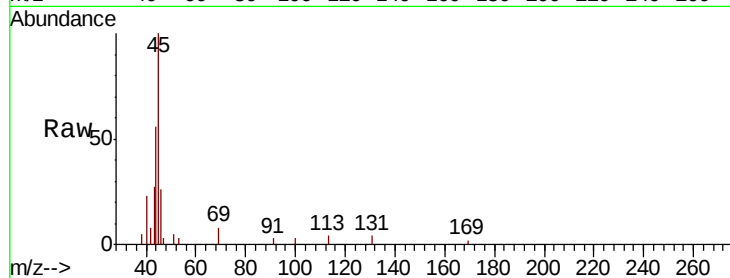
#13
Ethanol
Concen: 0.89 ppbv m
RT: 3.69 min Scan# 234
Delta R.T. 0.00 min
Lab File: VL032502.D
Acq: 11 Sep 2018 11:04

Instrument :
MSVOA_L
ClientSampleId :
253-BERRYDL

Tot Ion	45	Resp	13890
Ion Ratio	100	Lower	Upper
46	30.6	14.2	56.8

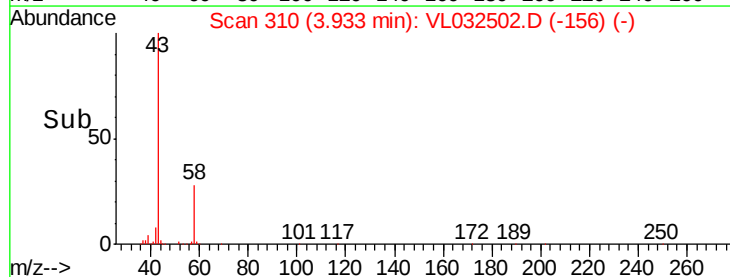
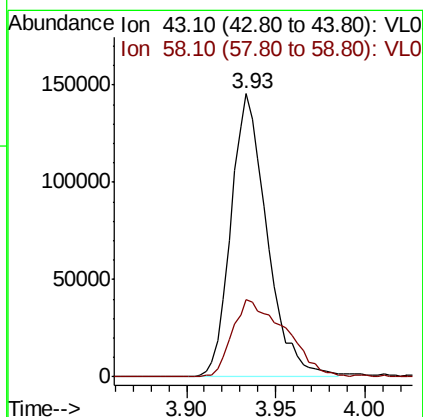
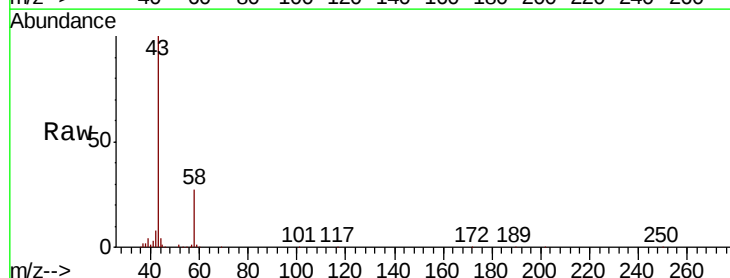
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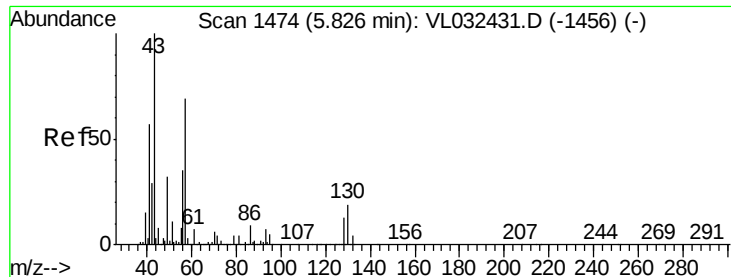
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#15
Acetone
Concen: 1.67 ppbv
RT: 3.93 min Scan# 310
Delta R.T. -0.01 min
Lab File: VL032502.D
Acq: 11 Sep 2018 11:04

Tgt Ion	43	Resp	205595
Ion Ratio	100	Lower	Upper
58	40.8	22.6	33.8#





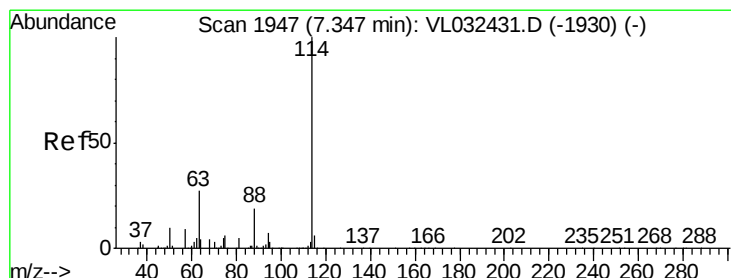
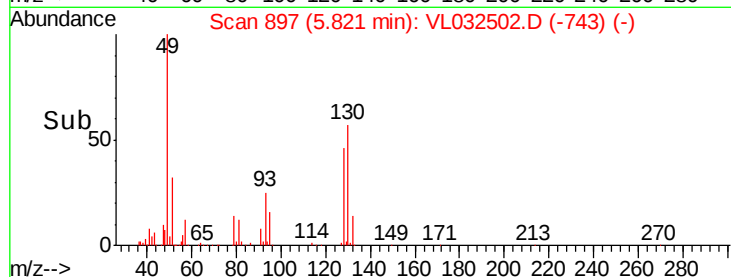
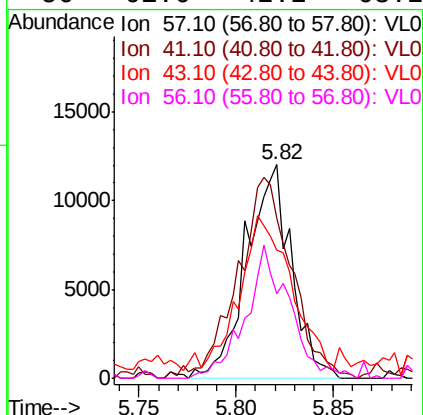
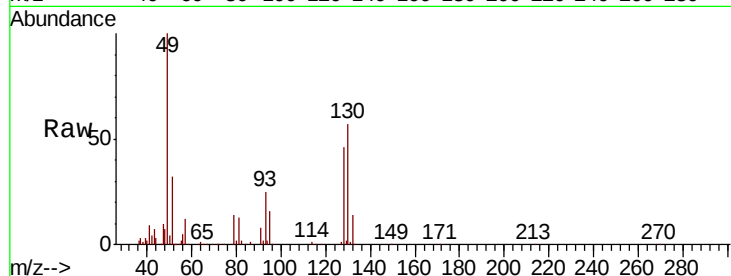
#26
Hexane
Concen: 0.15 ppbv m
RT: 5.82 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL032502.D
Acq: 11 Sep 2018 11:04

Instrument :
MSVOA_L
ClientSampleId :
253-BERRYDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	113.0	69.0	103.4#
43	0.0	172.1	258.1#
56	61.6	42.2	63.2

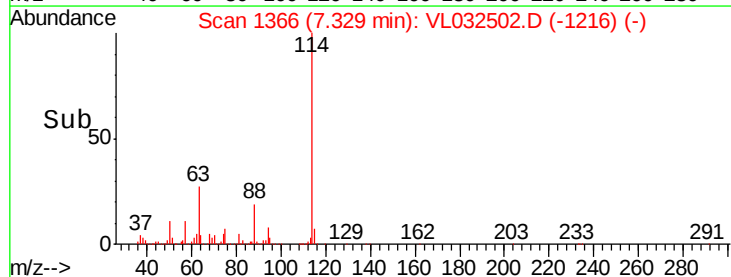
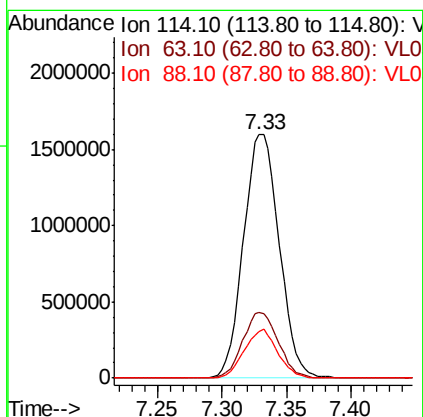
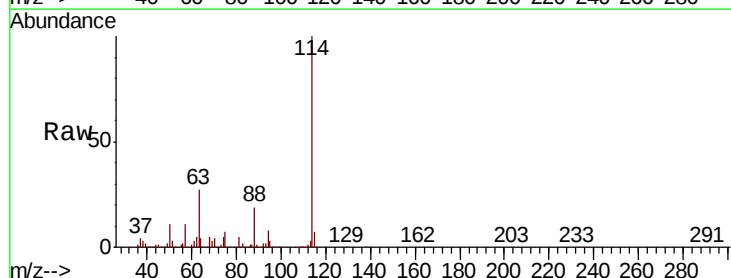
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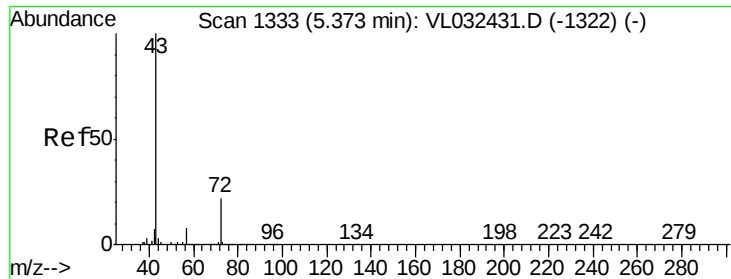
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.33 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VL032502.D
Acq: 11 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.8	22.2	33.4
88	18.9	15.0	22.4





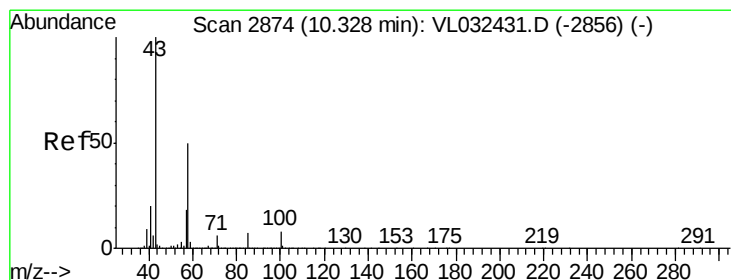
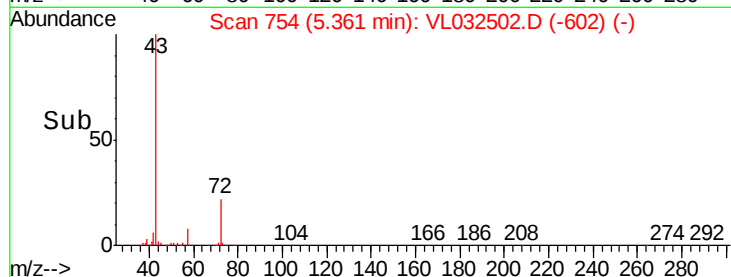
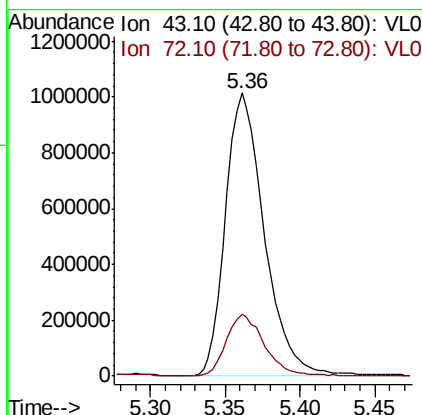
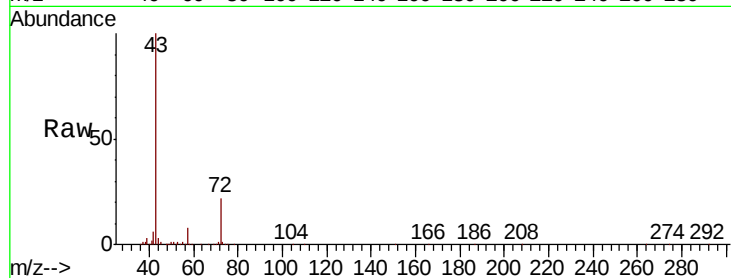
#34
2-Butanone
Concen: 8.96 ppbv
RT: 5.36 min Scan# 754
Delta R.T. -0.01 min
Lab File: VL032502.D
Acq: 11 Sep 2018 11:04

Instrument :
MSVOA_L
ClientSampleId :
253-BERRYDL

Tot Ion: 43 Resp: 1833345
Ion Ratio Lower Upper
43 100
72 21.9 17.8 26.6

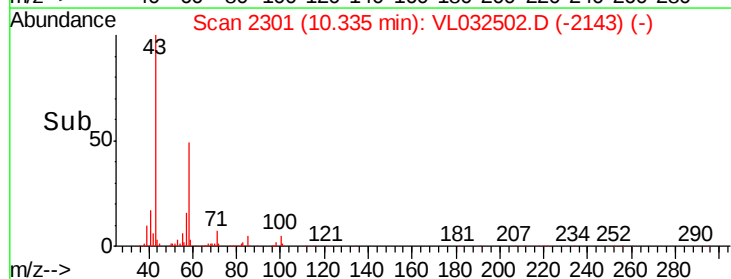
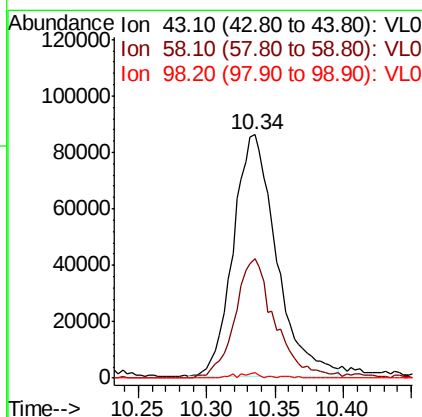
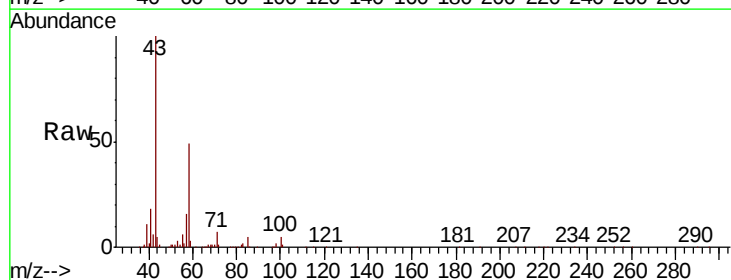
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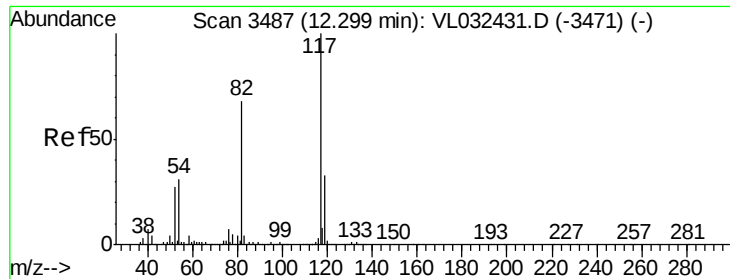
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#51
2-Hexanone
Concen: 0.95 ppbv
RT: 10.34 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VL032502.D
Acq: 11 Sep 2018 11:04

Tgt Ion: 43 Resp: 188632
Ion Ratio Lower Upper
43 100
58 47.2 39.2 58.8
98 1.5 0.4 0.6#





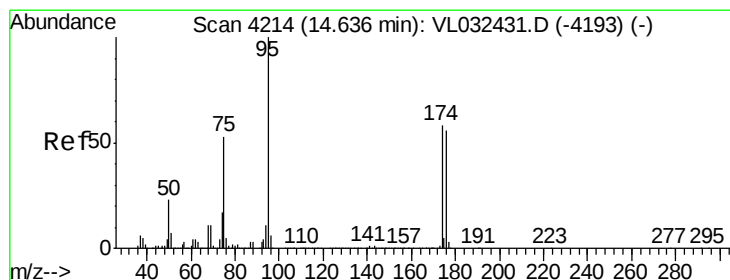
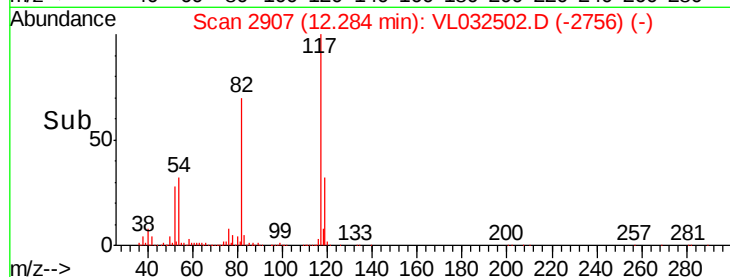
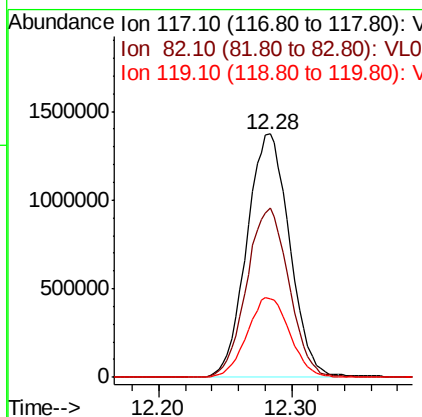
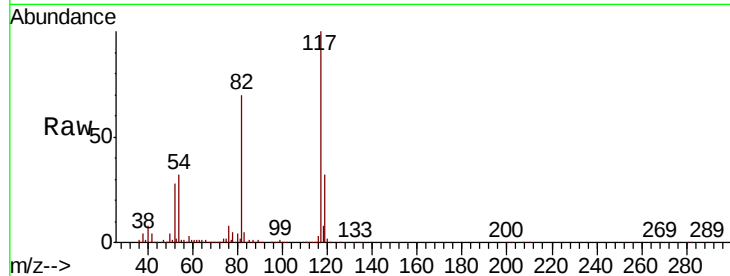
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL032502.D
Acq: 11 Sep 2018 11:04

Instrument :
MSVOA_L
ClientSampleId :
253-BERRYDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.1	53.0	79.6
119	32.9	45.9	68.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.63 ppbv
RT: 14.62 min Scan# 3633
Delta R.T. -0.02 min
Lab File: VL032502.D
Acq: 11 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.6	46.3	69.5
175	4.2	3.4	5.0

