

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032503.D
 Acq On : 11 Sep 2018 11:43
 Operator : SY/AP
 Sample : J4820-07DL 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 255-BERRYDL

Manual Integrations
 APPROVED

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 9/12/2018 3:59:54 PM

Quant Time: Sep 12 07:30:39 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 21:33:46 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	1378472	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3105988	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.28	117	3132355	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2437084	10.48	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.06	41	115406	2.29	ppbv	95
13) Ethanol	3.69	45	24923m	1.59	ppbv	
15) Acetone	3.93	43	341253	2.75	ppbv #	73
34) 2-Butanone	5.36	43	2619362	12.70	ppbv	100
51) 2-Hexanone	10.34	43	175959m	0.88	ppbv	

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

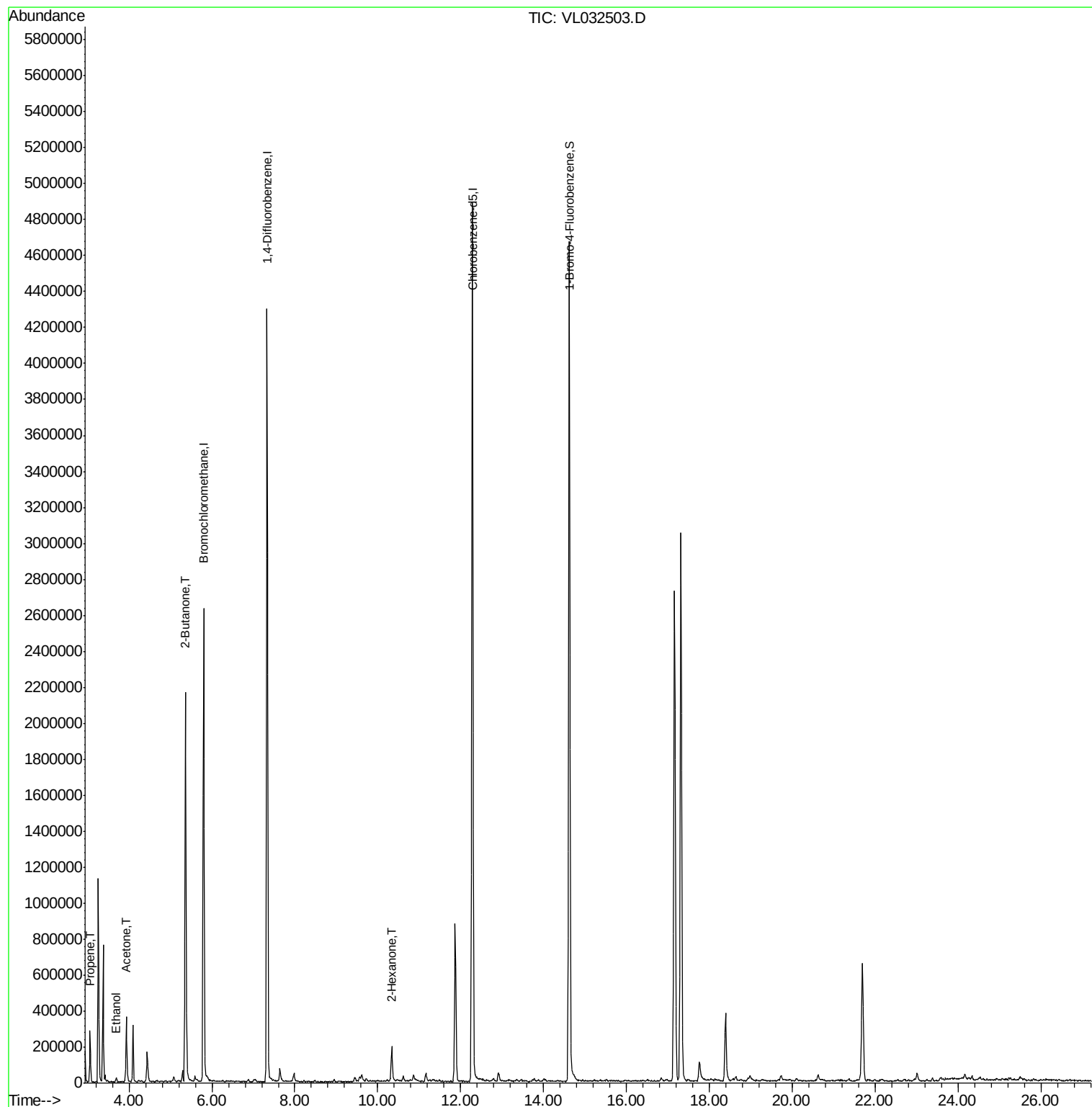
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
Data File : VL032503.D
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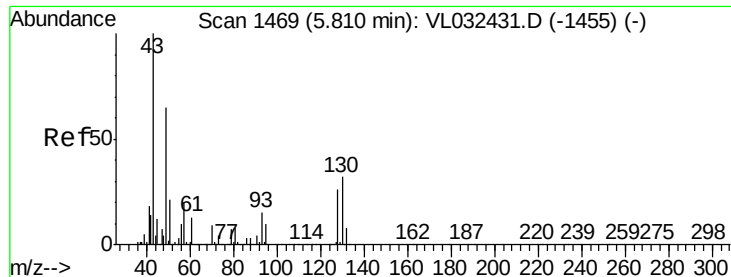
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.80 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL032503.D

Acq: 11 Sep 2018 11:43

Instrument :

MSVOA_L

ClientSampleId :

255-BERRYDL

Tot Ion: 49 Resp: 1378472

Ion Ratio Lower Upper

49 100

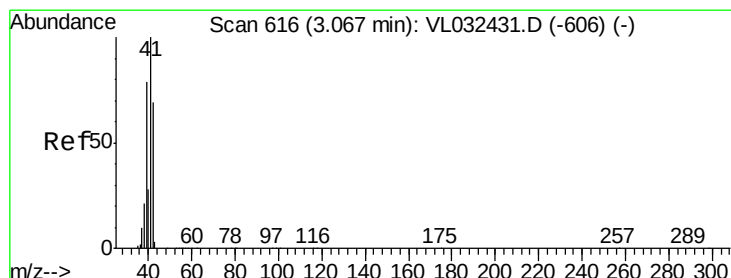
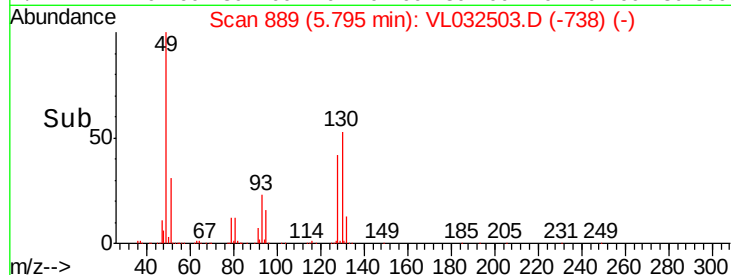
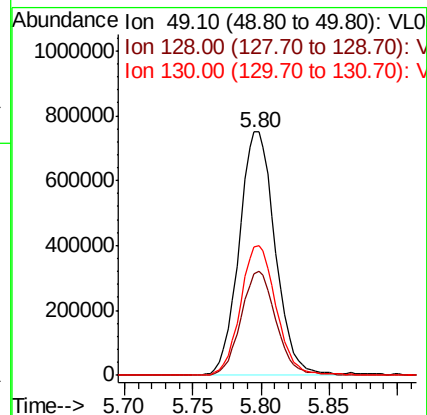
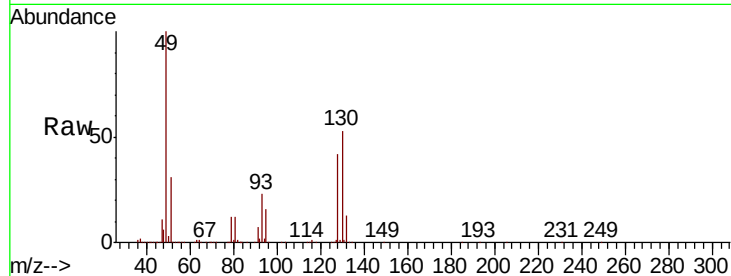
128 41.8 20.7 62.1

130 53.2 26.6 79.7

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#9

Propene

Concen: 2.29 ppbv

RT: 3.06 min Scan# 39

Delta R.T. -0.01 min

Lab File: VL032503.D

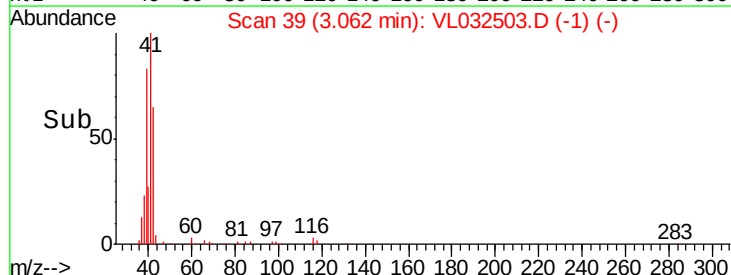
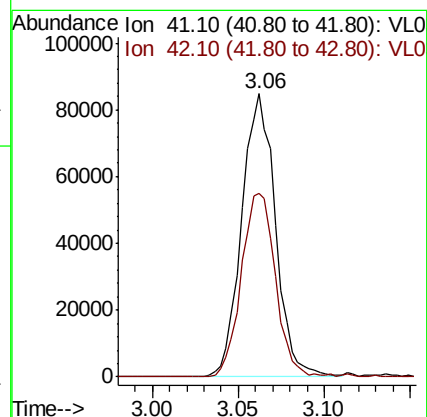
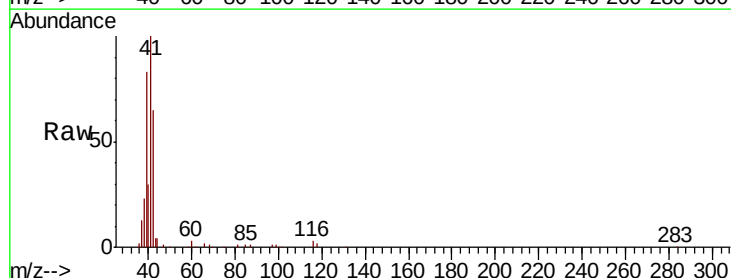
Acq: 11 Sep 2018 11:43

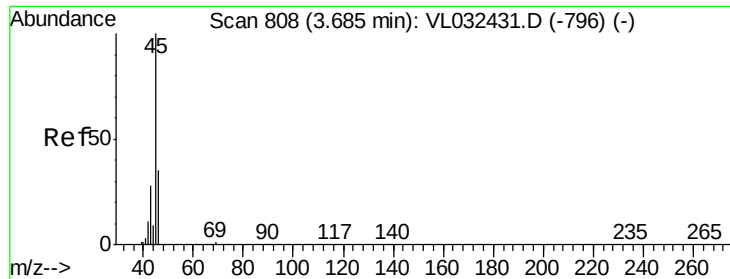
Tgt Ion: 41 Resp: 115406

Ion Ratio Lower Upper

41 100

42 66.3 56.6 84.8





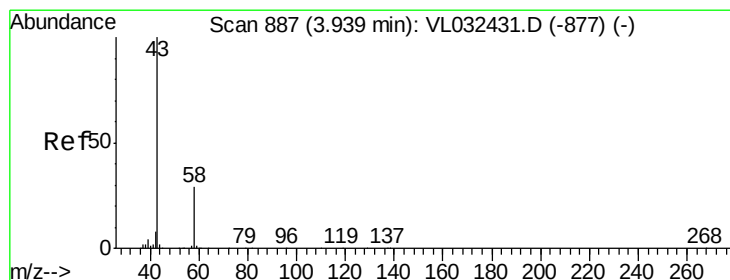
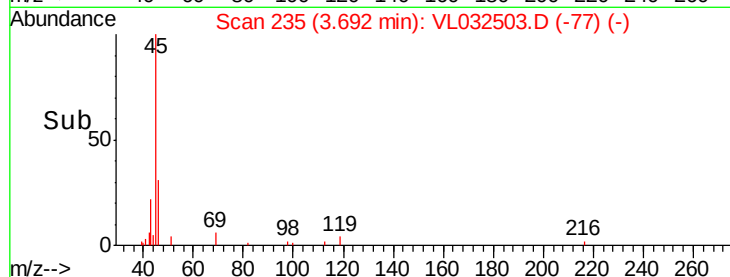
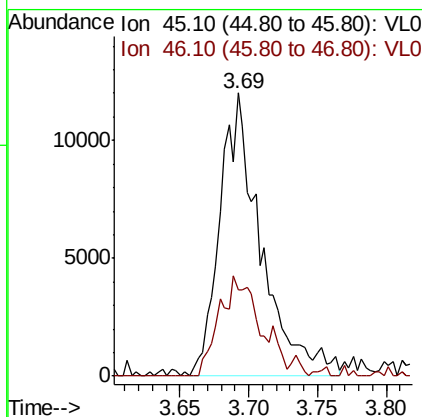
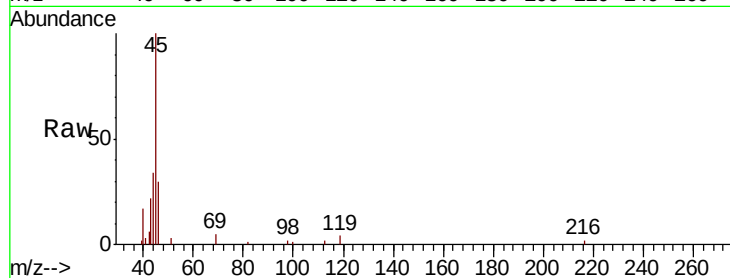
#13
Ethanol
Concen: 1.59 ppbv m
RT: 3.69 min Scan# 235
Delta R.T. 0.01 min
Lab File: VL032503.D
Acq: 11 Sep 2018 11:43

Instrument :
MSVOA_L
ClientSampleId :
255-BERRYDL

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.2	56.8#

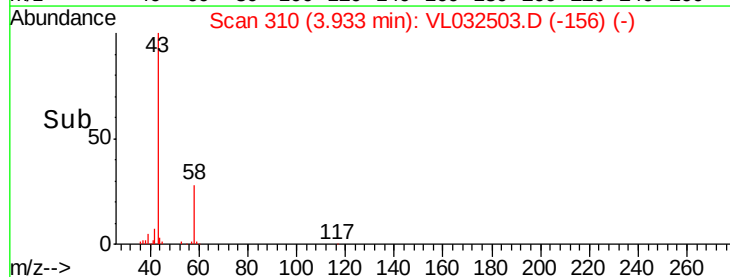
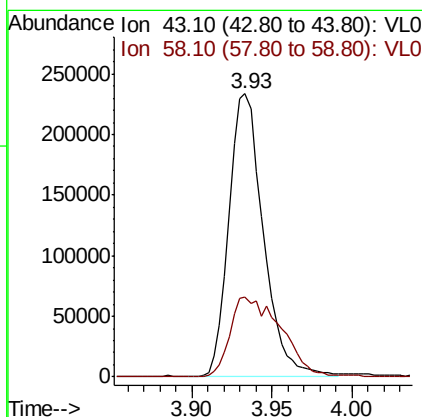
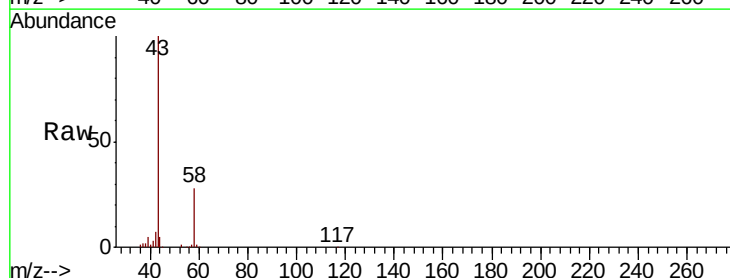
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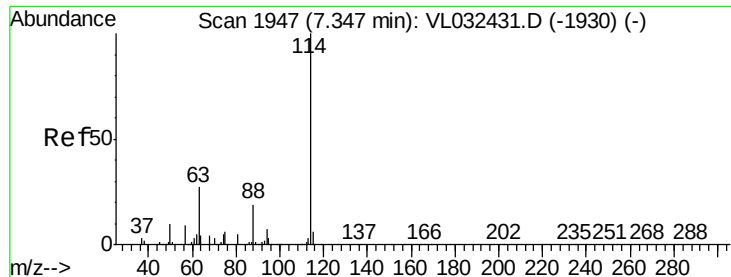
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#15
Acetone
Concen: 2.75 ppbv
RT: 3.93 min Scan# 310
Delta R.T. -0.01 min
Lab File: VL032503.D
Acq: 11 Sep 2018 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.5	22.6	33.8#





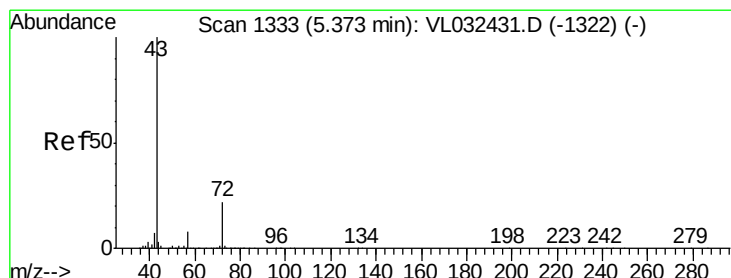
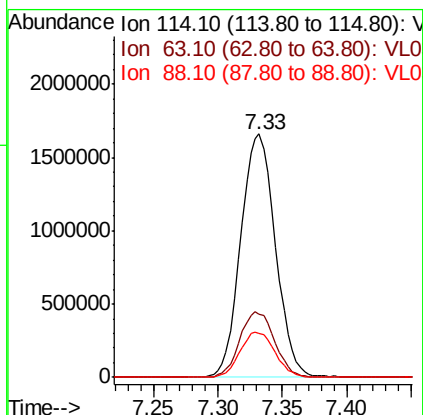
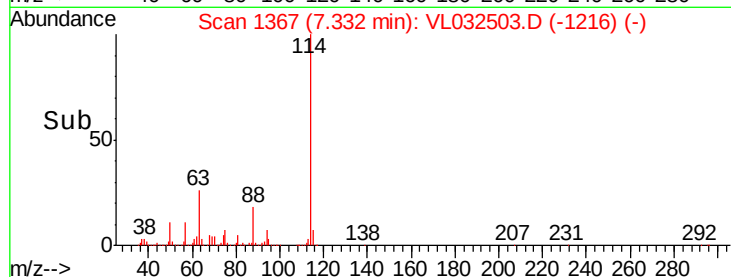
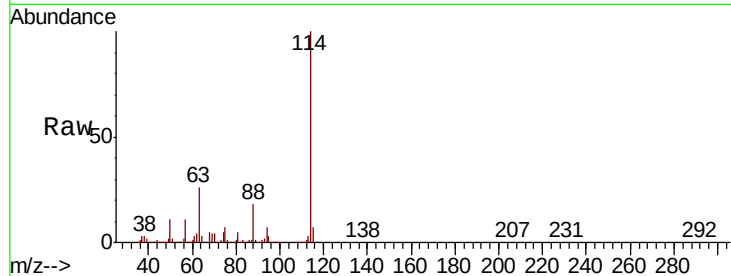
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.33 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VL032503.D
 Acq: 11 Sep 2018 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 255-BERRYDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.2	33.4
88	18.8	15.0	22.4

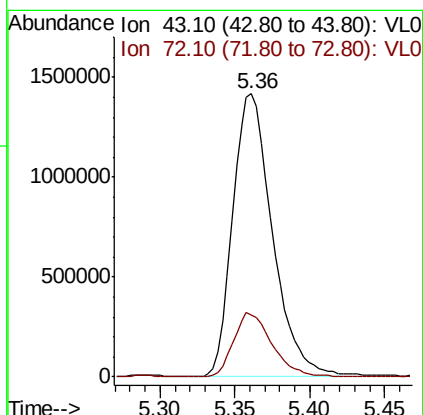
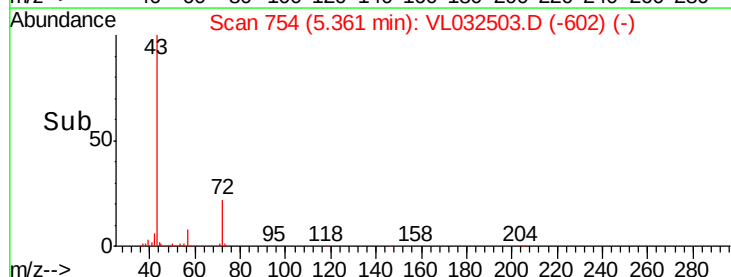
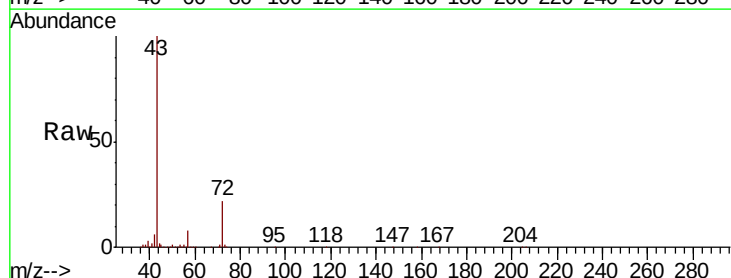
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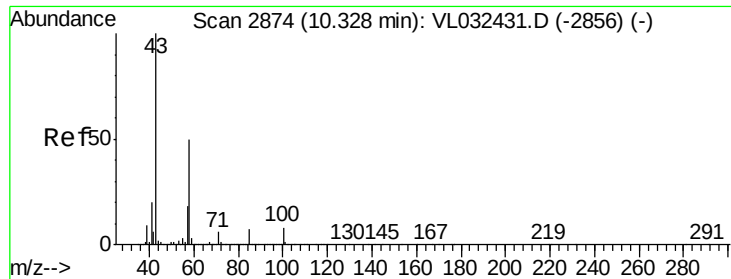
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#34
 2-Butanone
 Concen: 12.70 ppbv
 RT: 5.36 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VL032503.D
 Acq: 11 Sep 2018 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.4	17.8	26.6





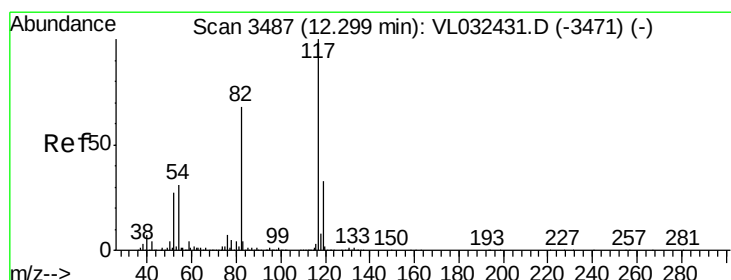
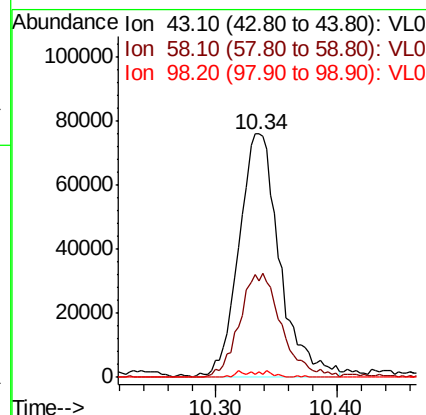
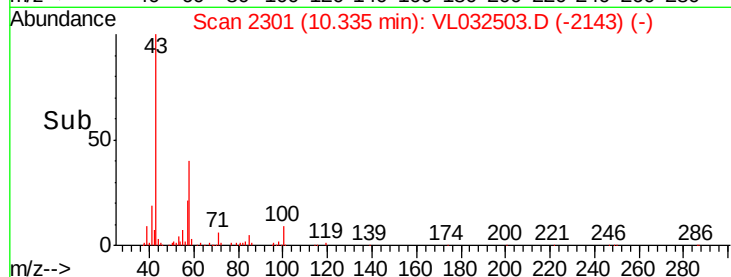
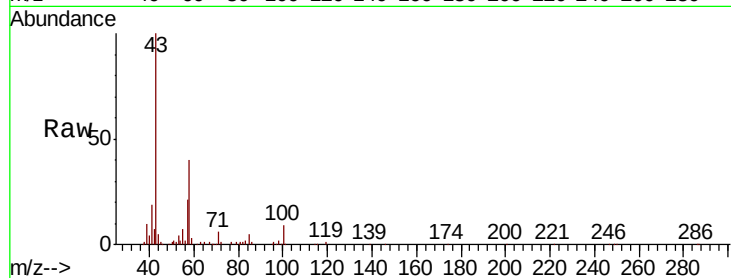
#51
2-Hexanone
Concen: 0.88 ppbv m
RT: 10.34 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VL032503.D
Acq: 11 Sep 2018 11:43

Instrument :
MSVOA_L
ClientSampleId :
255-BERRYDL

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.8	39.2	58.8
98	1.9	0.4	0.6#

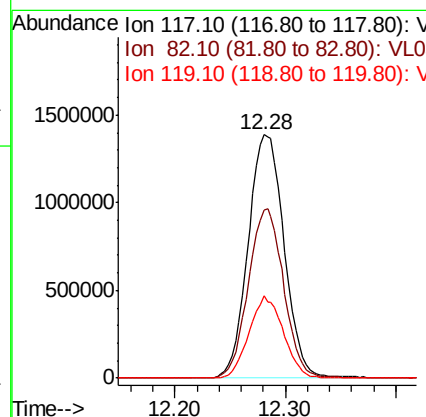
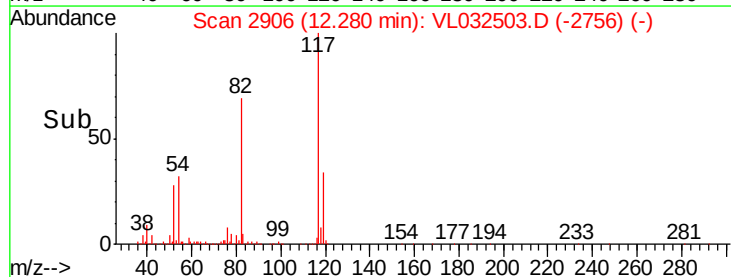
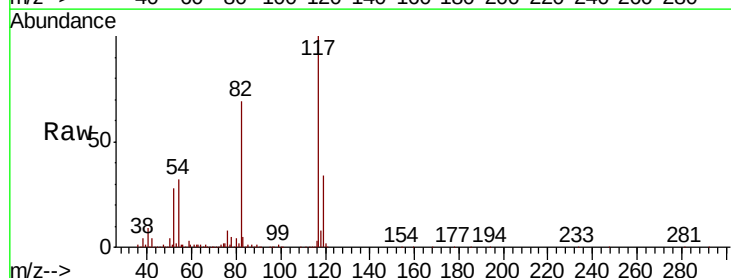
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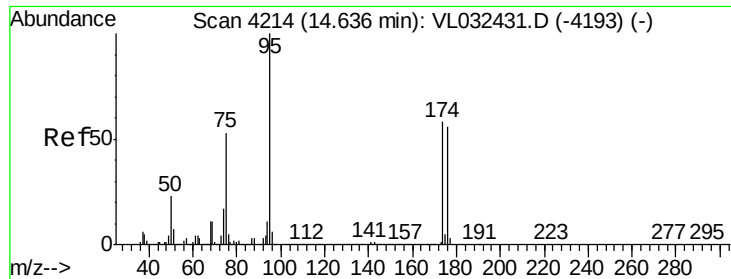
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.28 min Scan# 2906
Delta R.T. -0.02 min
Lab File: VL032503.D
Acq: 11 Sep 2018 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.8	53.0	79.6
119	32.3	45.9	68.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.48 ppbv
 RT: 14.62 min Scan# 3633
 Delta R.T. -0.02 min
 Lab File: VL032503.D
 Acq: 11 Sep 2018 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 255-BERRYDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	57.4	46.3	69.5
175	4.2	3.4	5.0

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