

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032491.D
 Acq On : 10 Sep 2018 23:22
 Operator : SY/AP
 Sample : J4820-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 243-BERRYDL

Manual Integrations
 APPROVED

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 9/12/2018 3:59:41 PM

Quant Time: Sep 11 06:39:05 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

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	1551626	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3722270	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.28	117	3442316	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2608553	10.21	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds

						Ovalue
9) Propene	3.07	41	53016	0.94	ppbv	99
13) Ethanol	3.70	45	26221m	1.48	ppbv	
15) Acetone	3.94	43	239017	1.71	ppbv #	73
20) Methylene Chloride	4.44	84	40667	0.76	ppbv	96
26) Hexane	5.82	57	27193	0.18	ppbv #	51
34) 2-Butanone	5.37	43	796501	3.22	ppbv	99

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

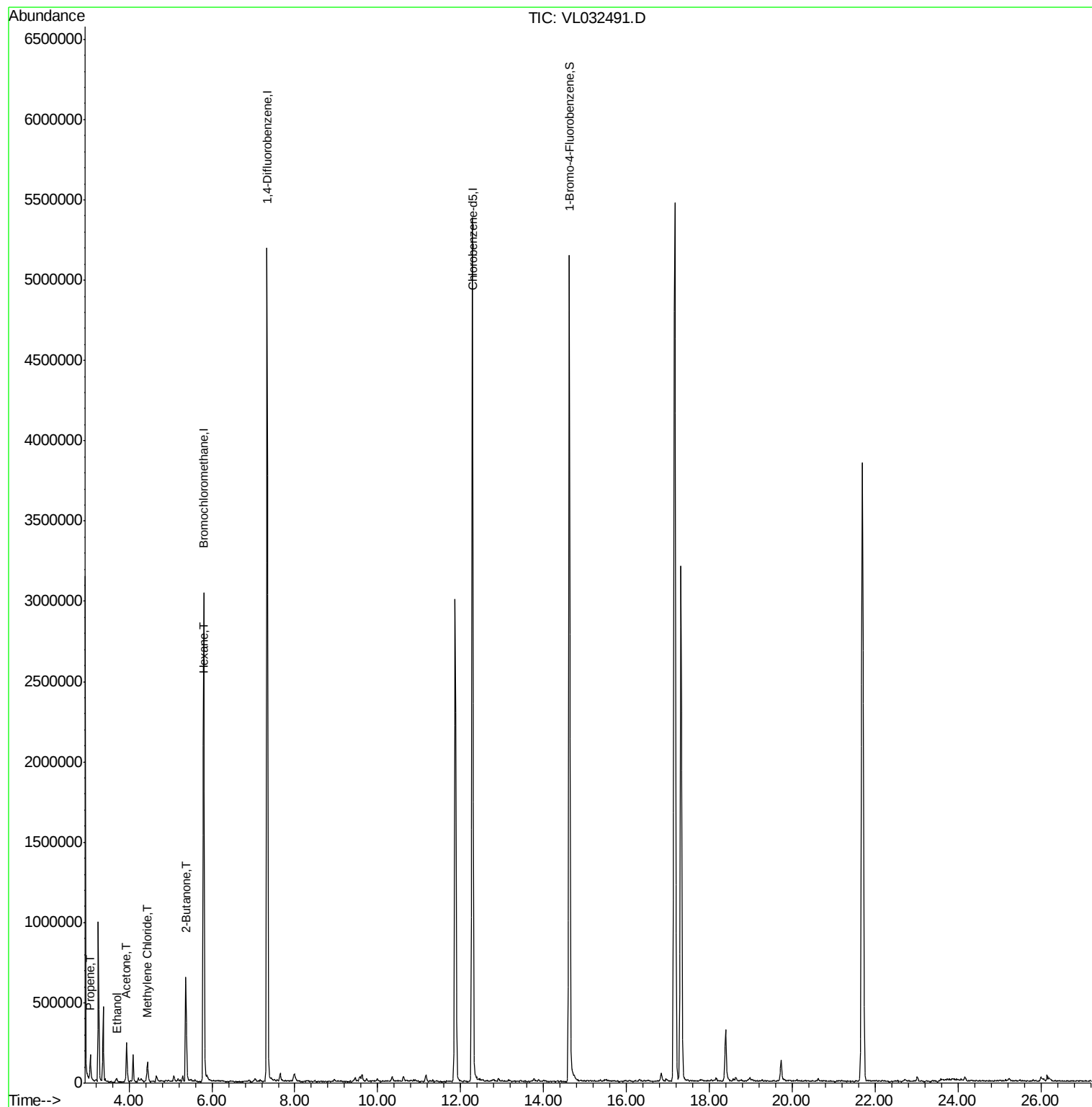
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
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#1

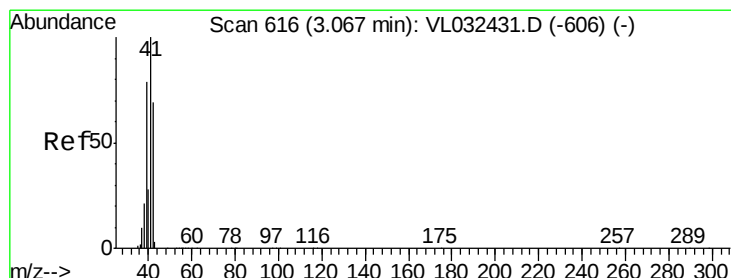
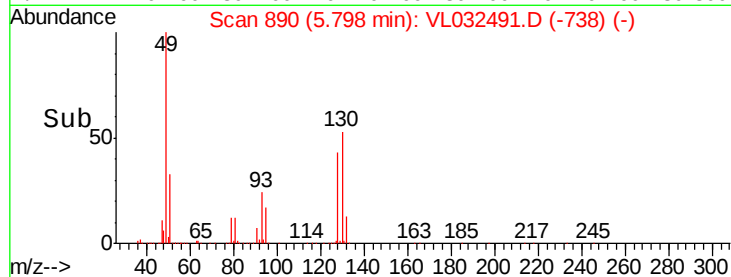
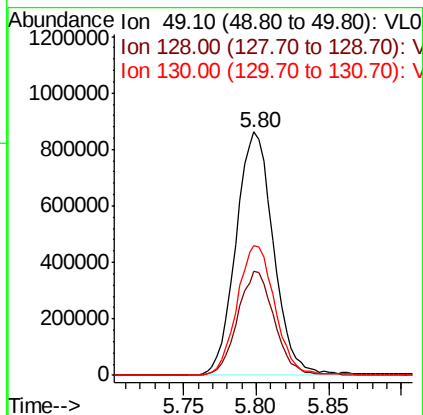
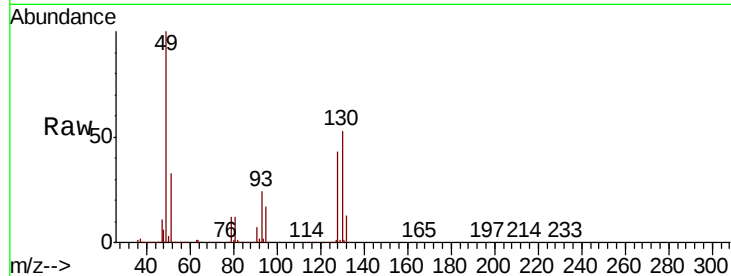
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.80 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: VL032491.D
 Acq: 10 Sep 2018 23:22

Instrument :
 MSVOA_L
 ClientSampleId :
 243-BERRYDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	42.5	20.7	62.1
130	54.6	26.6	79.7

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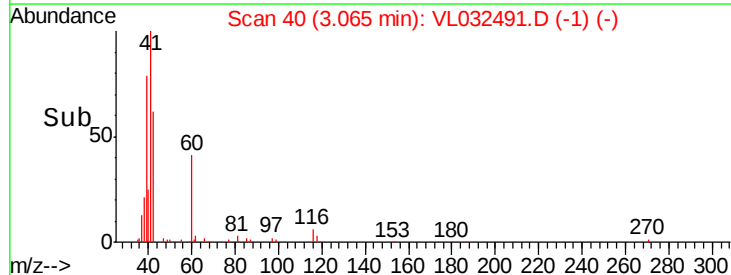
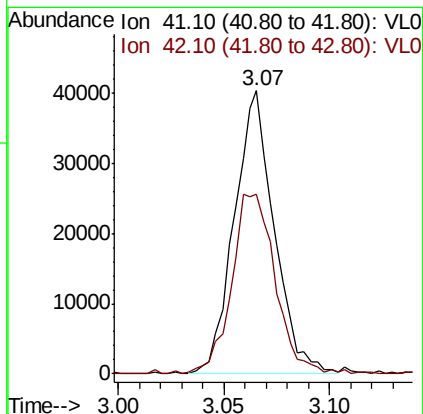
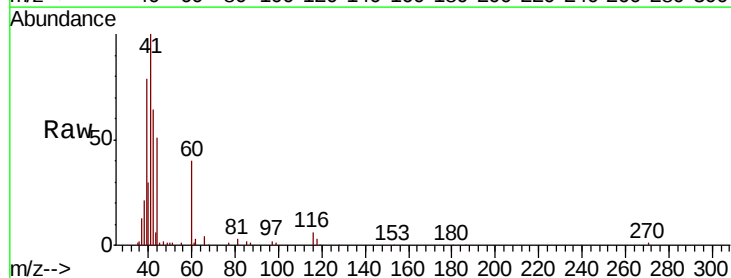
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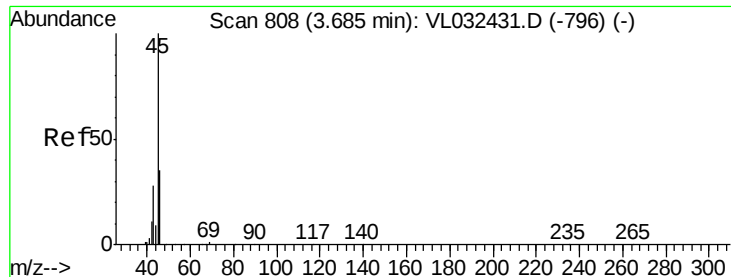


#9

Propene
 Concen: 0.94 ppbv
 RT: 3.07 min Scan# 40
 Delta R.T. -0.00 min
 Lab File: VL032491.D
 Acq: 10 Sep 2018 23:22

Tgt Ion	Ratio	Lower	Upper
41	100		
42	69.7	56.6	84.8





#13

Ethanol

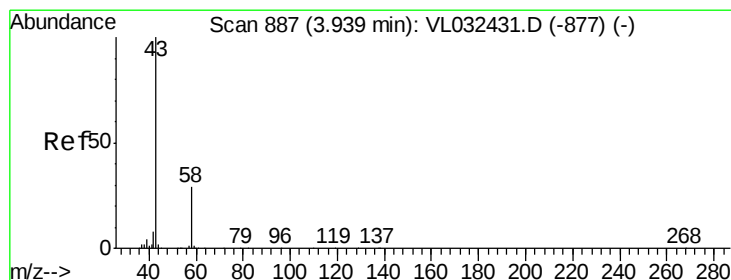
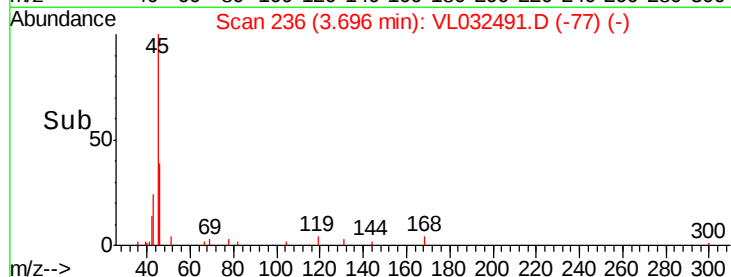
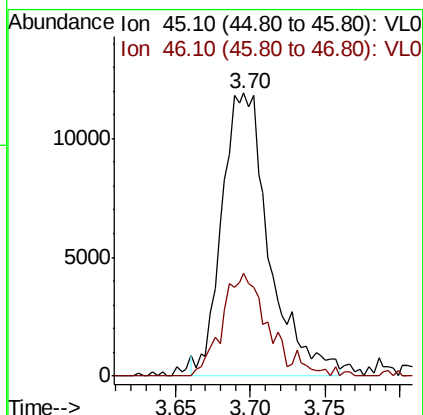
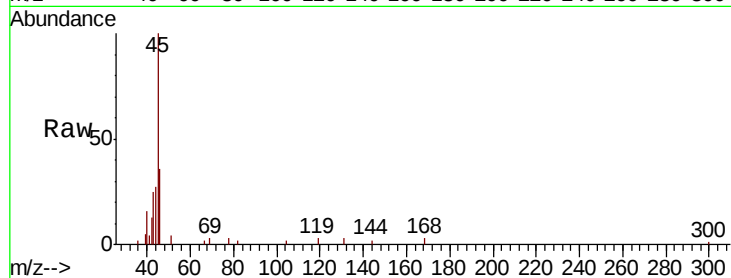
Concen: 1.48 ppbv m
 RT: 3.70 min Scan# 236
 Delta R.T. 0.01 min
 Lab File: VL032491.D
 Acq: 10 Sep 2018 23:22

Instrument :
 MSVOA_L
 ClientSampleID :
 243-BERRYDL

Tot Ion	45	Resp	26221
Ion Ratio	100	Lower	Upper
45	100		
46	36.2	14.2	56.8

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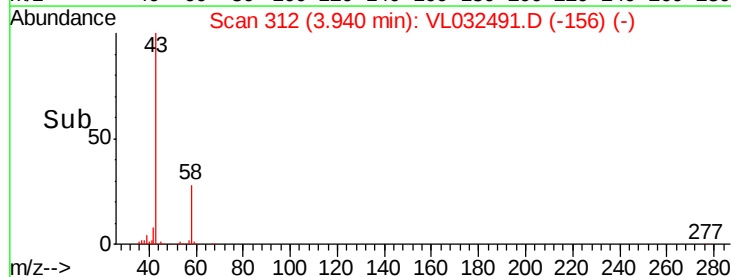
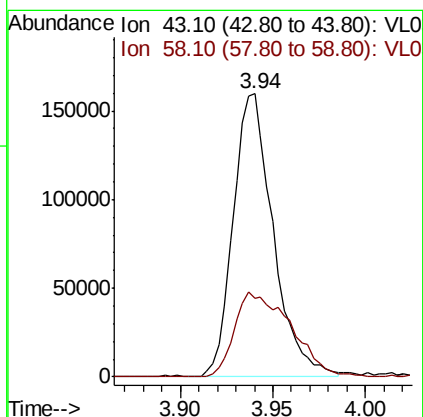
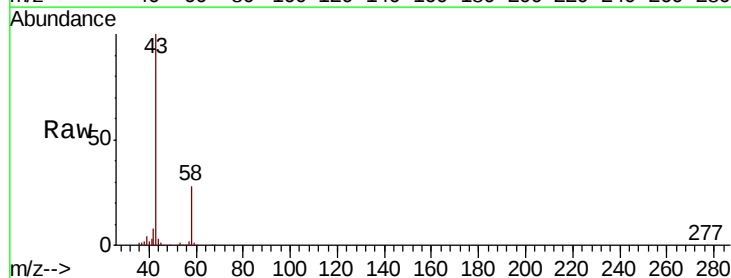


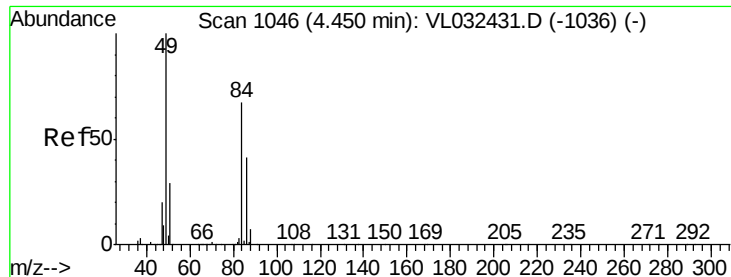
#15

Acetone

Concen: 1.71 ppbv
 RT: 3.94 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VL032491.D
 Acq: 10 Sep 2018 23:22

Tgt Ion	43	Resp	239017
Ion Ratio	100	Lower	Upper
43	100		
58	42.6	22.6	33.8#





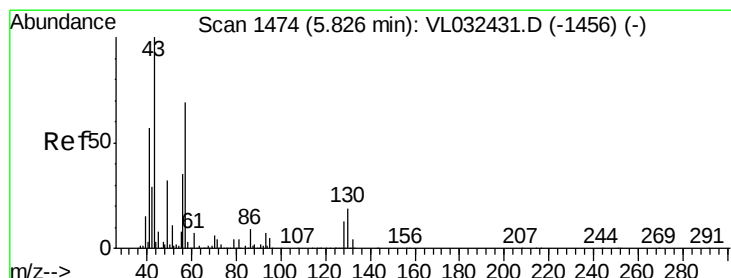
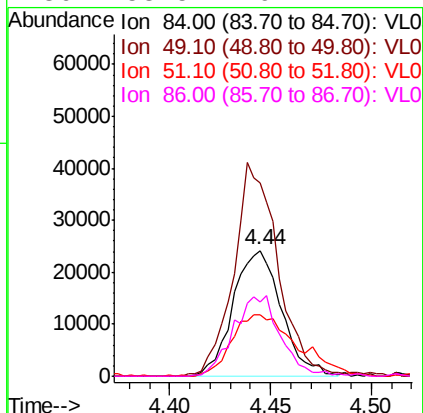
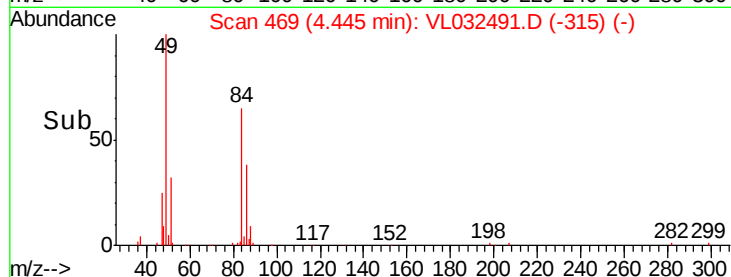
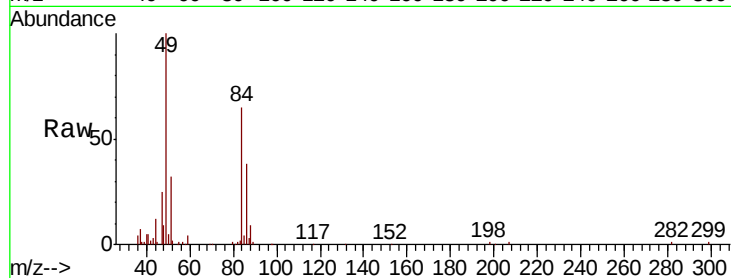
#20
Methvlene Chloride
Concen: 0.76 ppbv
RT: 4.44 min Scan# 469
Delta R.T. -0.01 min
Lab File: VL032491.D
Acq: 10 Sep 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
243-BERRYDL

Tot Ion	84	Resp	40667
Ion	Ratio	Lower	Upper
84	100		
49	151.6	119.1	178.7
51	49.1	35.2	52.8
86	58.5	49.4	74.2

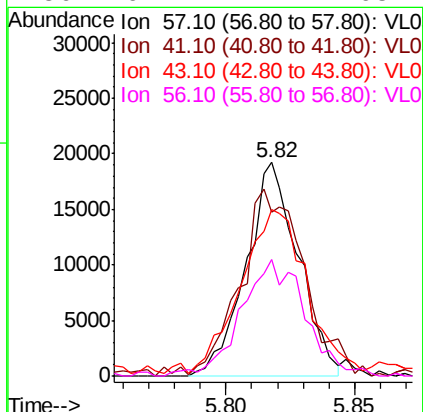
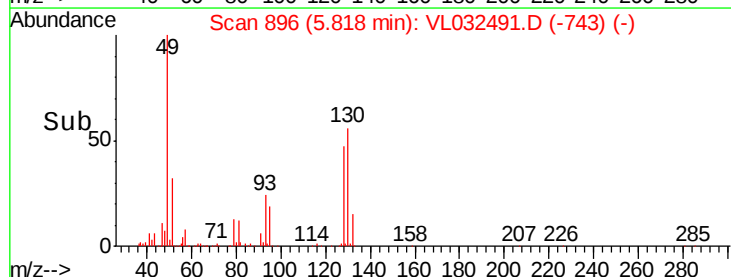
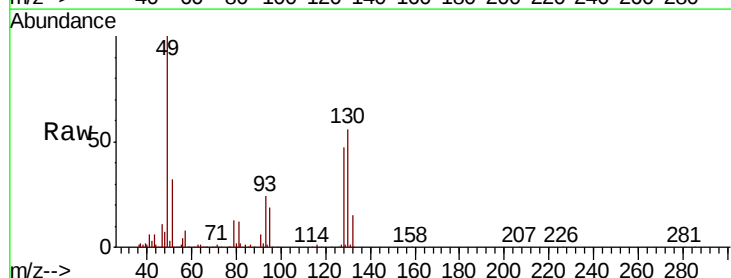
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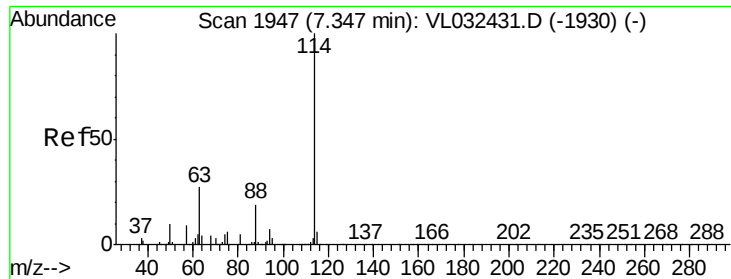
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#26
Hexane
Concen: 0.18 ppbv
RT: 5.82 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL032491.D
Acq: 10 Sep 2018 23:22

Tgt Ion	57	Resp	27193
Ion	Ratio	Lower	Upper
57	100		
41	109.9	69.0	103.4#
43	112.4	172.1	258.1#
56	67.4	42.2	63.2#





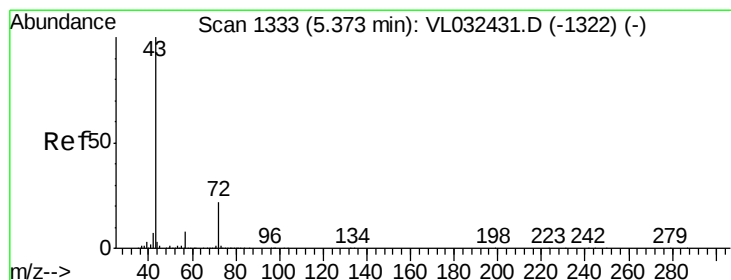
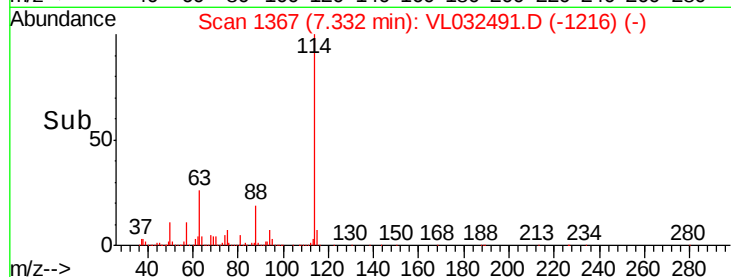
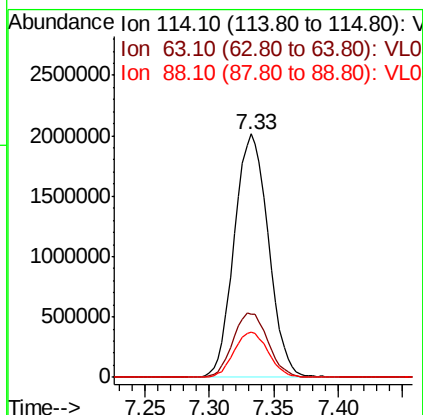
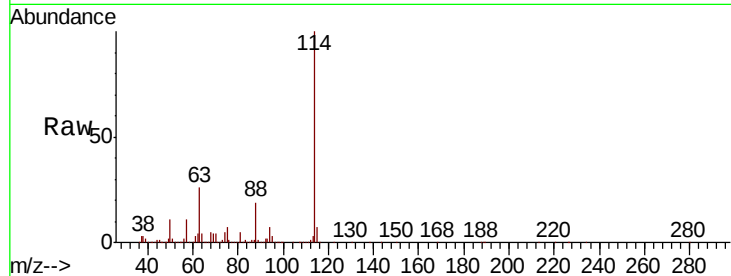
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.33 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VL032491.D
 Acq: 10 Sep 2018 23:22

Instrument :
 MSVOA_L
 ClientSampleId :
 243-BERRYDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	18.7	15.0	22.4

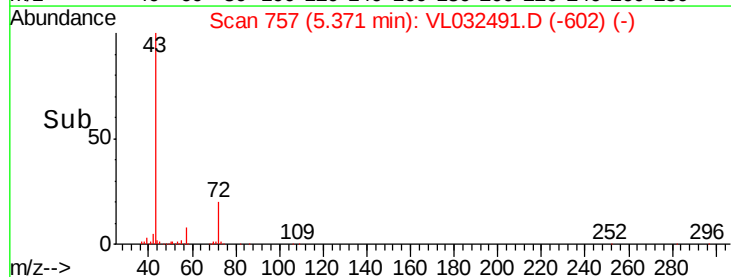
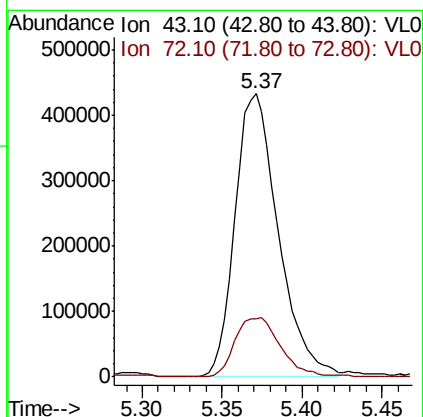
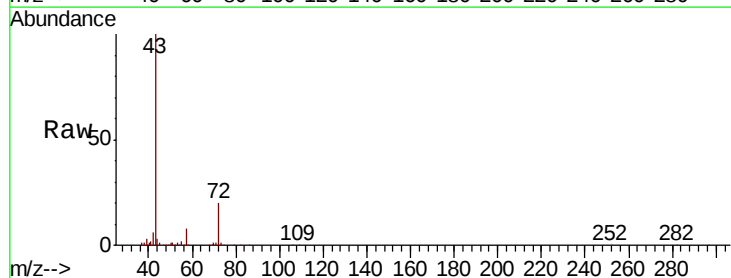
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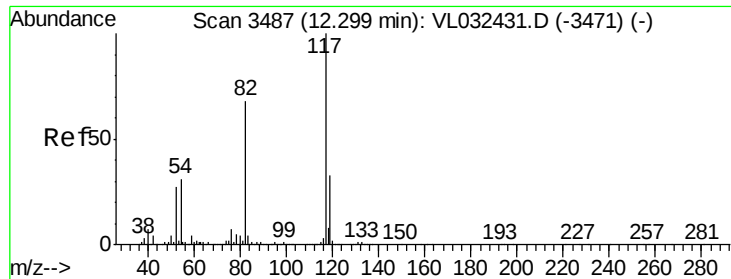
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#34
 2-Butanone
 Concen: 3.22 ppbv
 RT: 5.37 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: VL032491.D
 Acq: 10 Sep 2018 23:22

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.8	26.6





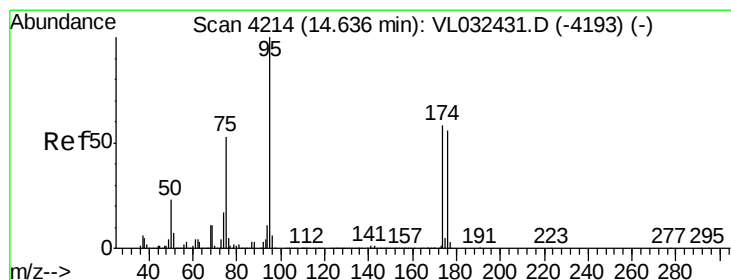
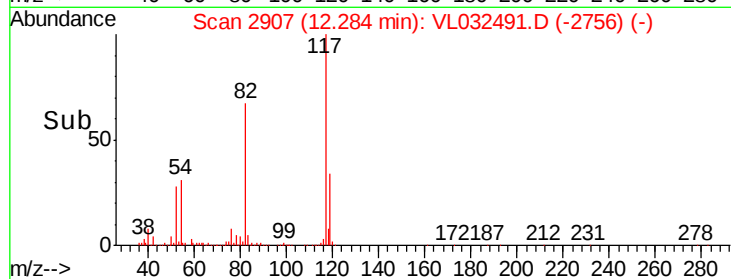
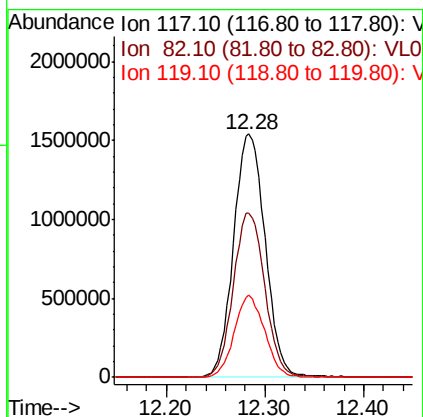
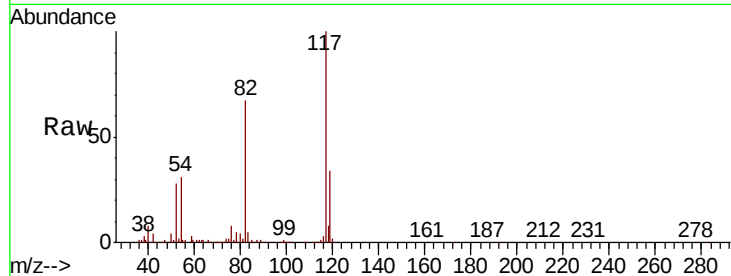
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL032491.D
Acq: 10 Sep 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
243-BERRYDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.5	53.0	79.6
119	32.6	45.9	68.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.21 ppbv
RT: 14.62 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL032491.D
Acq: 10 Sep 2018 23:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.4	46.3	69.5
175	4.0	3.4	5.0

