

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032487.D
 Acq On : 10 Sep 2018 20:43
 Operator : SY/AP
 Sample : J4820-01DL 10X DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 239-BERRYDL

Manual Integrations
 APPROVED

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 9/12/2018 3:59:37 PM

Quant Time: Sep 11 05:47:48 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	1578178	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3564447	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.28	117	3390867	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2652731	10.54	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.70	45	21569m	1.20	ppbv	
15) Acetone	3.94	43	150698	1.06	ppbv	98
20) Methylene Chloride	4.44	84	99137	1.83	ppbv	97
26) Hexane	5.81	57	64162	0.43	ppbv #	42
29) Chloroform	5.89	83	35300	0.15	ppbv	99

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

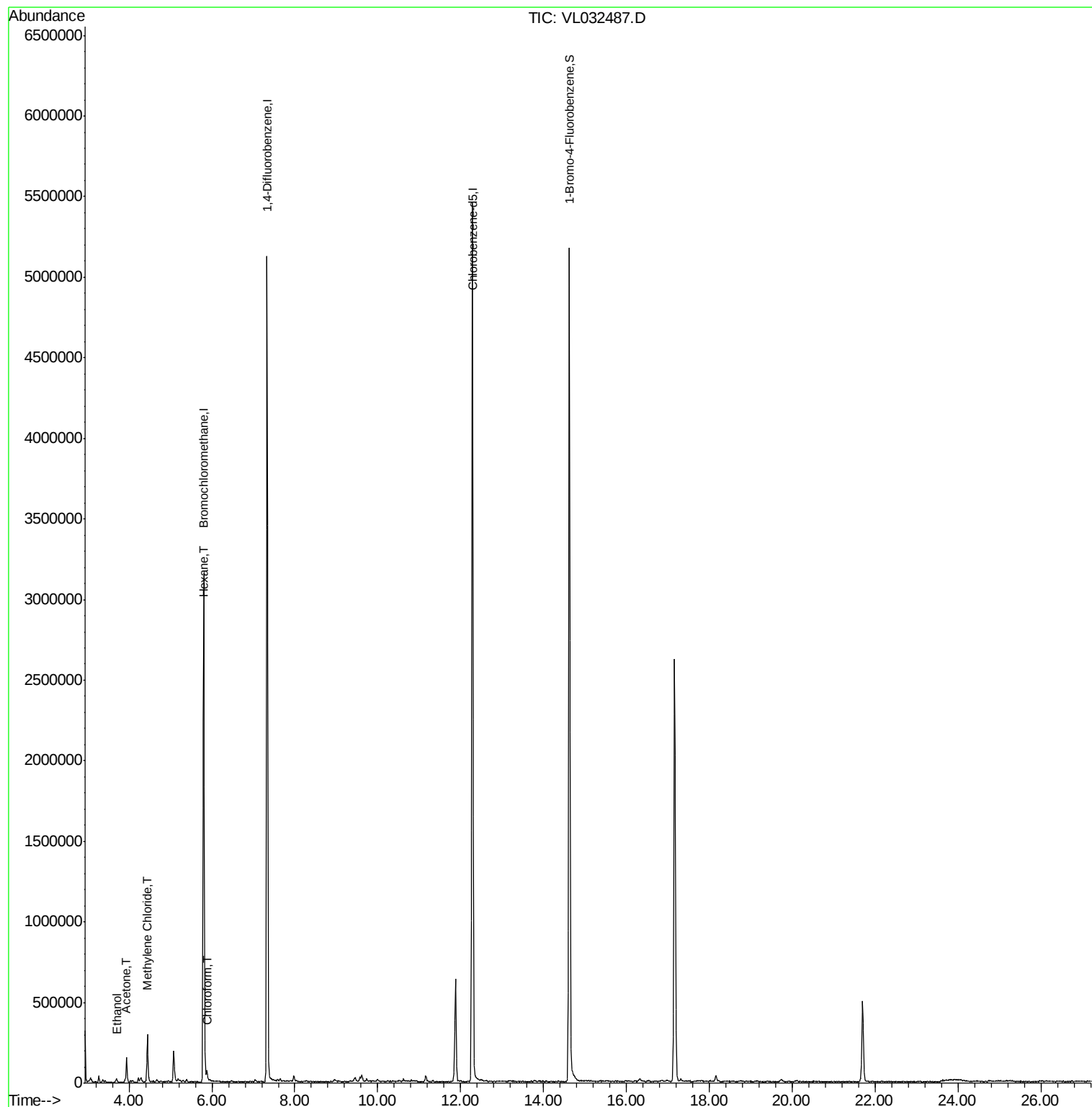
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
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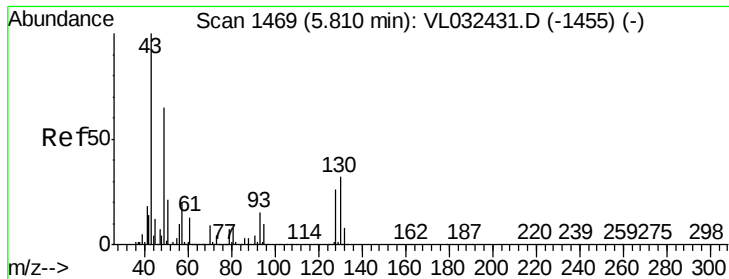
Instrument :
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Response via : Initial Calibration





#1

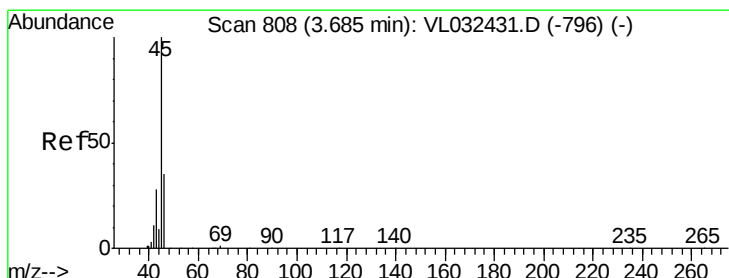
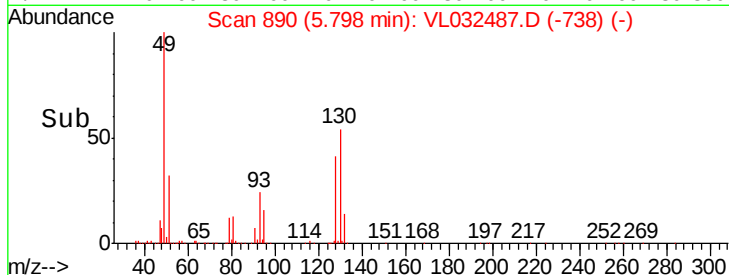
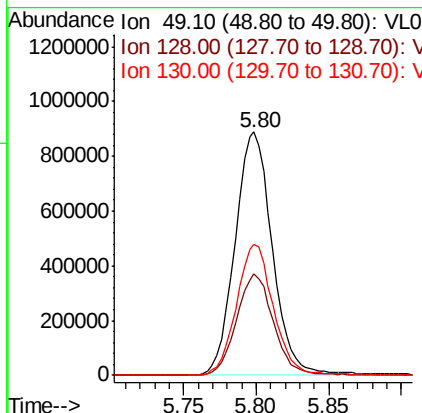
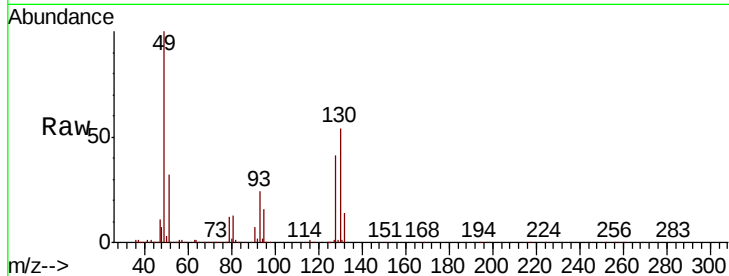
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.80 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: VL032487.D
 Acq: 10 Sep 2018 20:43

Instrument :
 MSVOA_L
 ClientSampleId :
 239-BERRYDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	42.0	20.7	62.1
130	54.1	26.6	79.7

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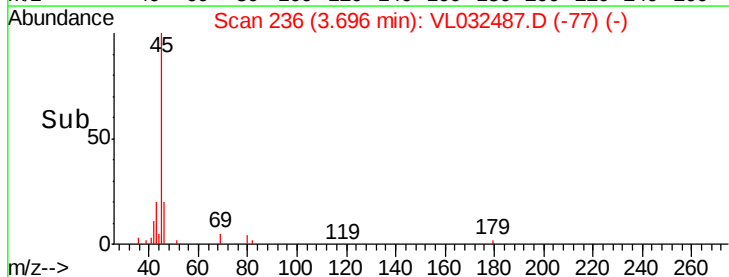
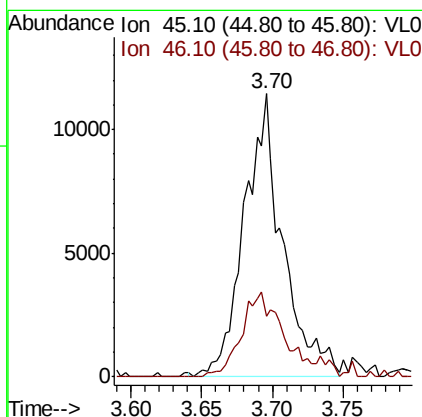
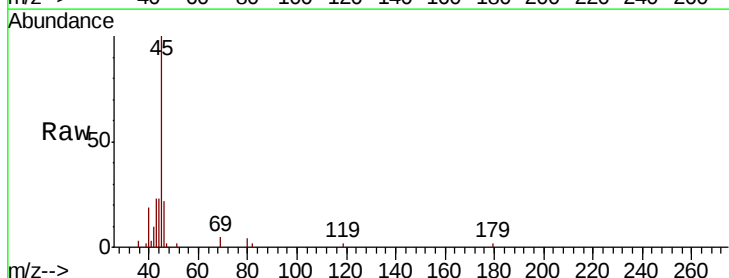
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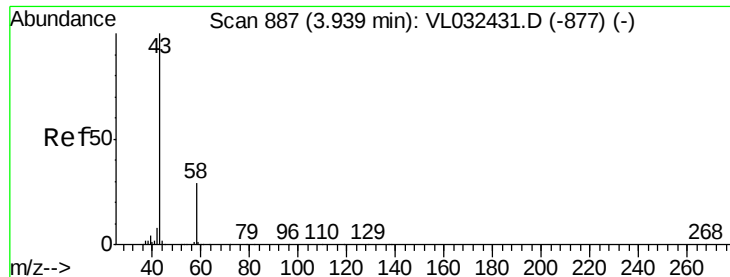


#13

Ethanol
 Concen: 1.20 ppbv m
 RT: 3.70 min Scan# 236
 Delta R.T. 0.01 min
 Lab File: VL032487.D
 Acq: 10 Sep 2018 20:43

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





#15

Acetone

Concen: 1.06 ppbv

RT: 3.94 min Scan# 311

Delta R.T. -0.00 min

Lab File: VL032487.D

Acq: 10 Sep 2018 20:43

Instrument :

MSVOA_L

ClientSampleId :

239-BERRYDL

Tot Ion: 43 Resp: 150698

Ion Ratio Lower Upper

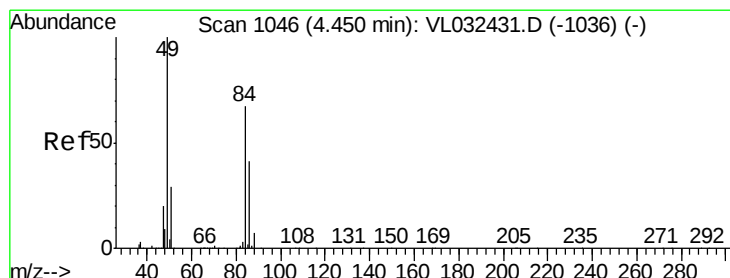
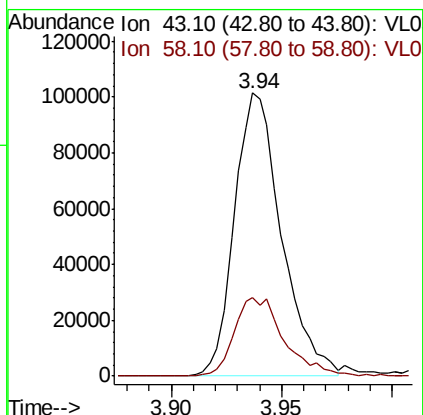
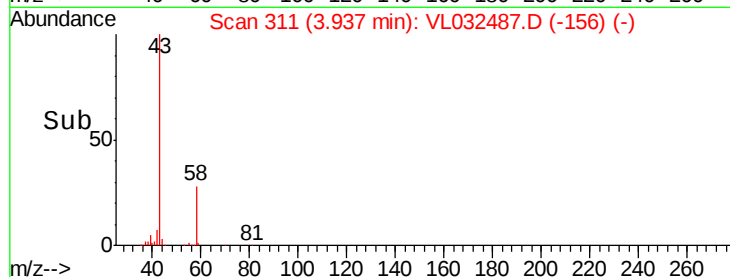
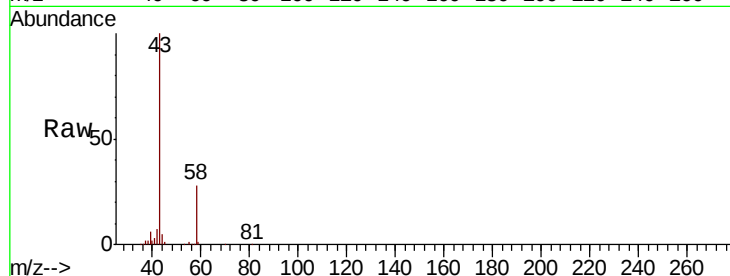
43 100

58 29.5 22.6 33.8

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#20

Methylene Chloride

Concen: 1.83 ppbv

RT: 4.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: VL032487.D

Acq: 10 Sep 2018 20:43

Tgt Ion: 84 Resp: 99137

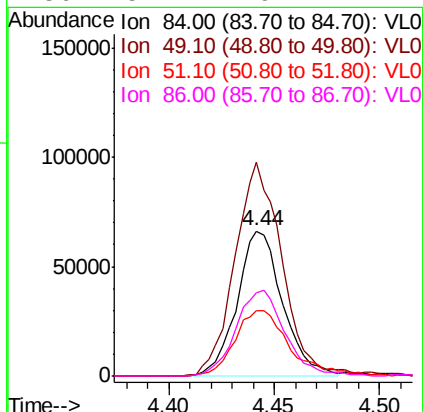
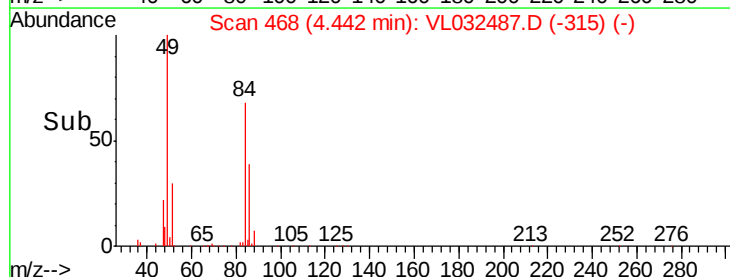
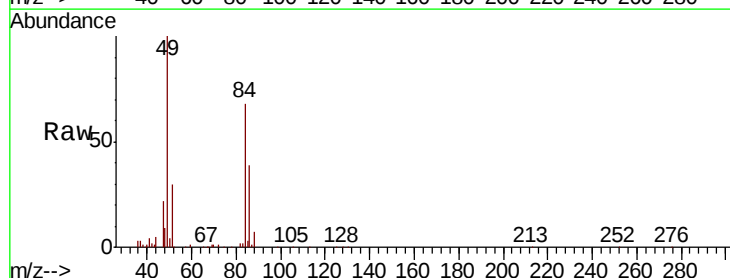
Ion Ratio Lower Upper

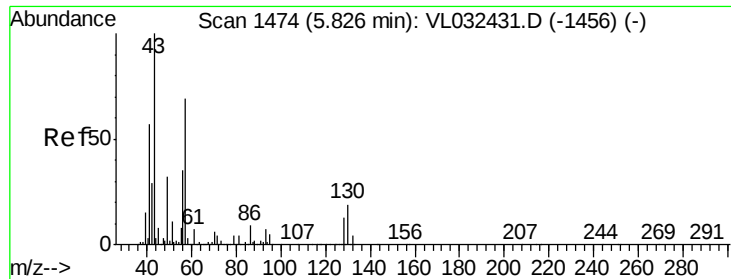
84 100

49 146.6 119.1 178.7

51 44.7 35.2 52.8

86 57.7 49.4 74.2





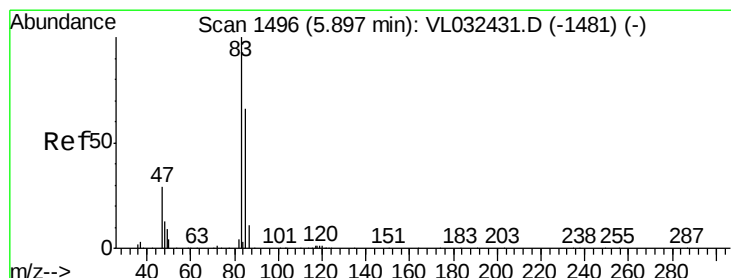
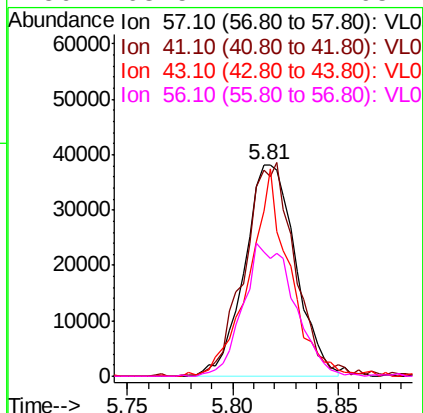
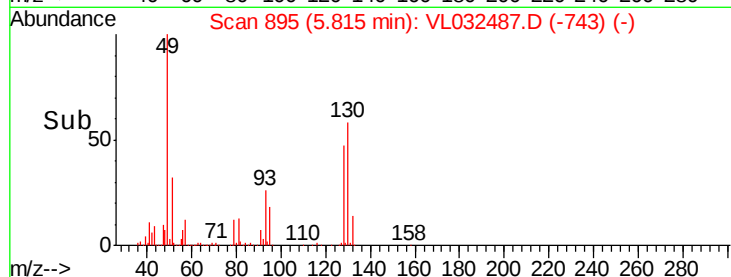
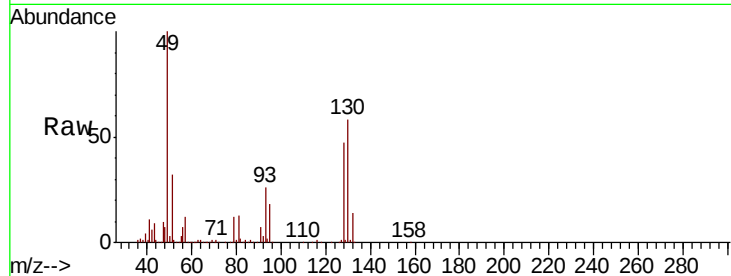
#26
Hexane
Concen: 0.43 ppbv
RT: 5.81 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL032487.D
Acq: 10 Sep 2018 20:43

Instrument :
MSVOA_L
ClientSampleId :
239-BERRYDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	100.5	69.0	103.4
43	79.0	172.1	258.1#
56	63.5	42.2	63.2#

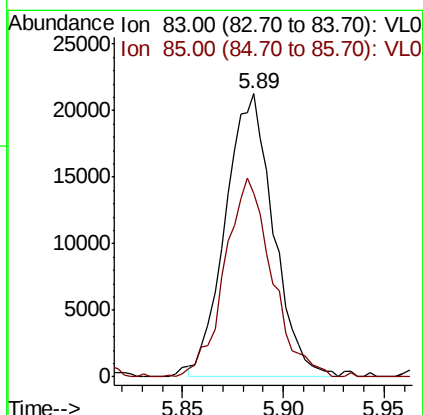
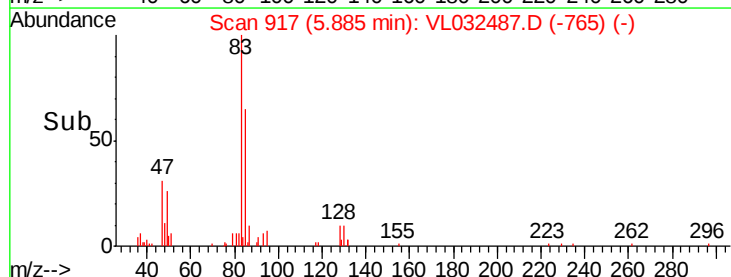
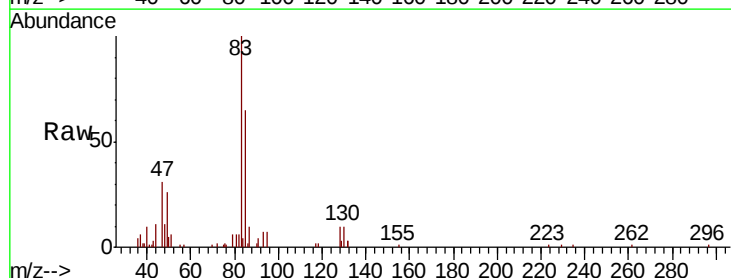
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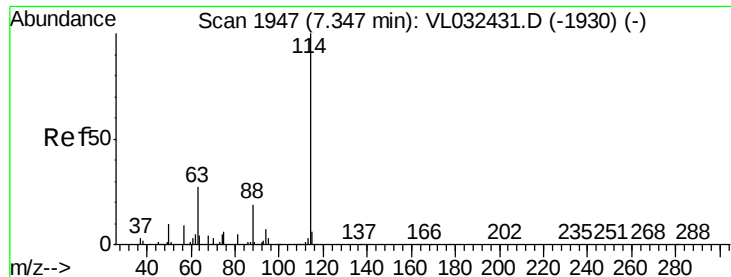
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#29
Chloroform
Concen: 0.15 ppbv
RT: 5.89 min Scan# 917
Delta R.T. -0.01 min
Lab File: VL032487.D
Acq: 10 Sep 2018 20:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.5	78.7





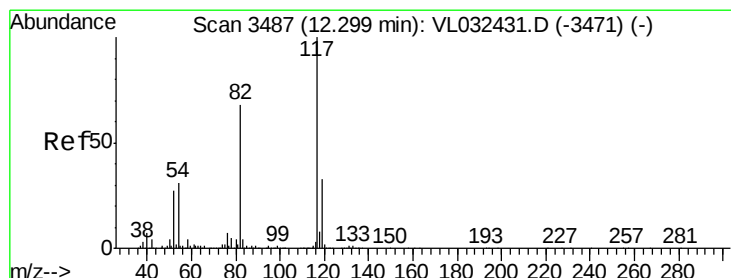
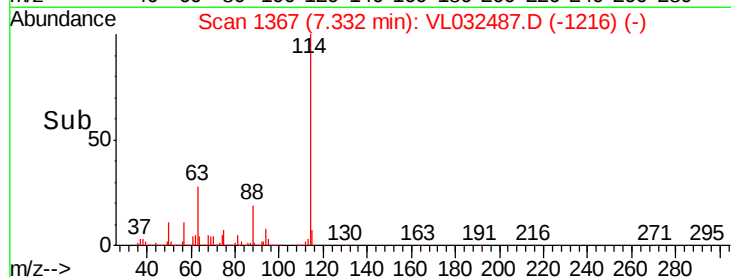
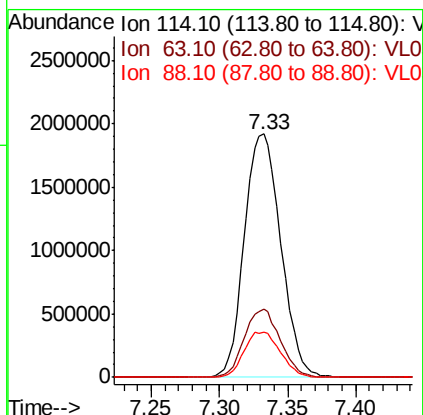
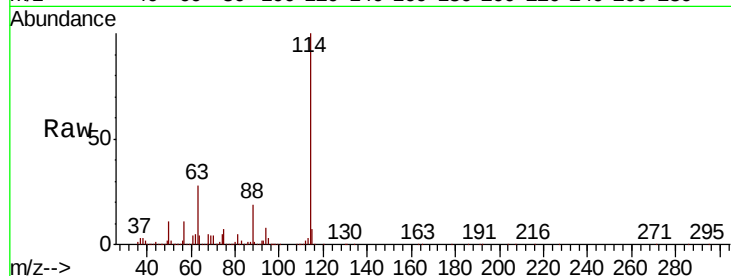
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.33 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VL032487.D
 Acq: 10 Sep 2018 20:43

Instrument :
 MSVOA_L
 ClientSampleId :
 239-BERRYDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	18.7	15.0	22.4

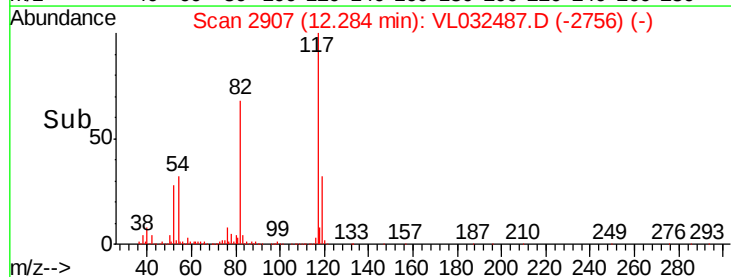
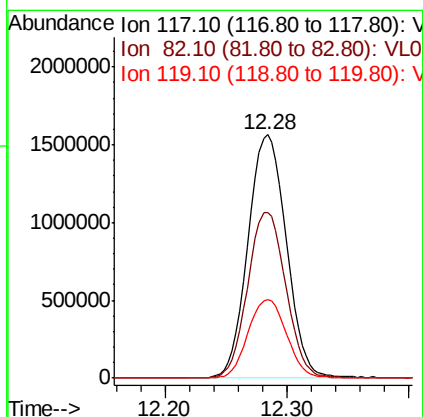
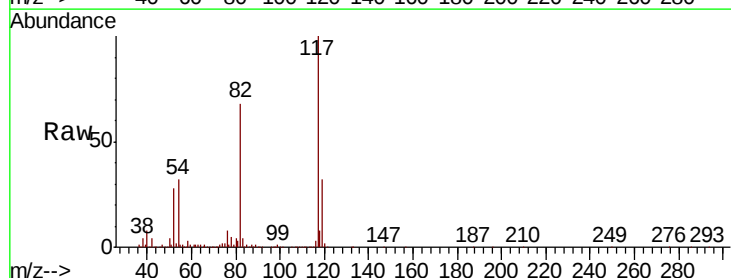
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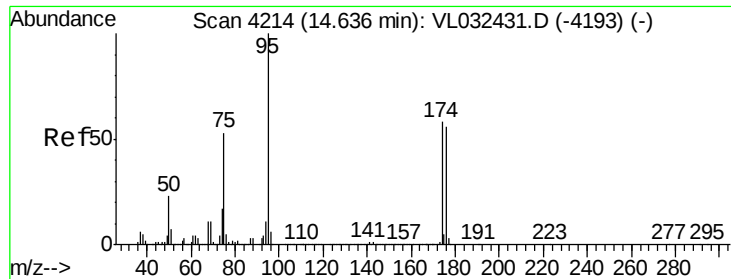
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.28 min Scan# 2907
 Delta R.T. -0.01 min
 Lab File: VL032487.D
 Acq: 10 Sep 2018 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.4	53.0	79.6
119	32.9	45.9	68.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.54 ppbv
 RT: 14.62 min Scan# 3633
 Delta R.T. -0.02 min
 Lab File: VL032487.D
 Acq: 10 Sep 2018 20:43

Instrument :
 MSVOA_L
 ClientSampleId :
 239-BERRYDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	58.1	46.3	69.5
175	4.1	3.4	5.0

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