

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032486.D
 Acq On : 10 Sep 2018 20:04
 Operator : SY/AP
 Sample : J4820-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 239-BERRYDL

Manual Integrations
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 9/12/2018 3:59:37 PM

Quant Time: Sep 11 05:45:16 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	1595009	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3651478	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.28	117	3380322	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2598113	10.35	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.70	45	21081m	1.16	ppbv	
15) Acetone	3.94	43	157501	1.10	ppbv	99
20) Methylene Chloride	4.44	84	107415	1.96	ppbv	93
26) Hexane	5.82	57	77171	0.51	ppbv #	42
29) Chloroform	5.88	83	38427	0.17	ppbv	98

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

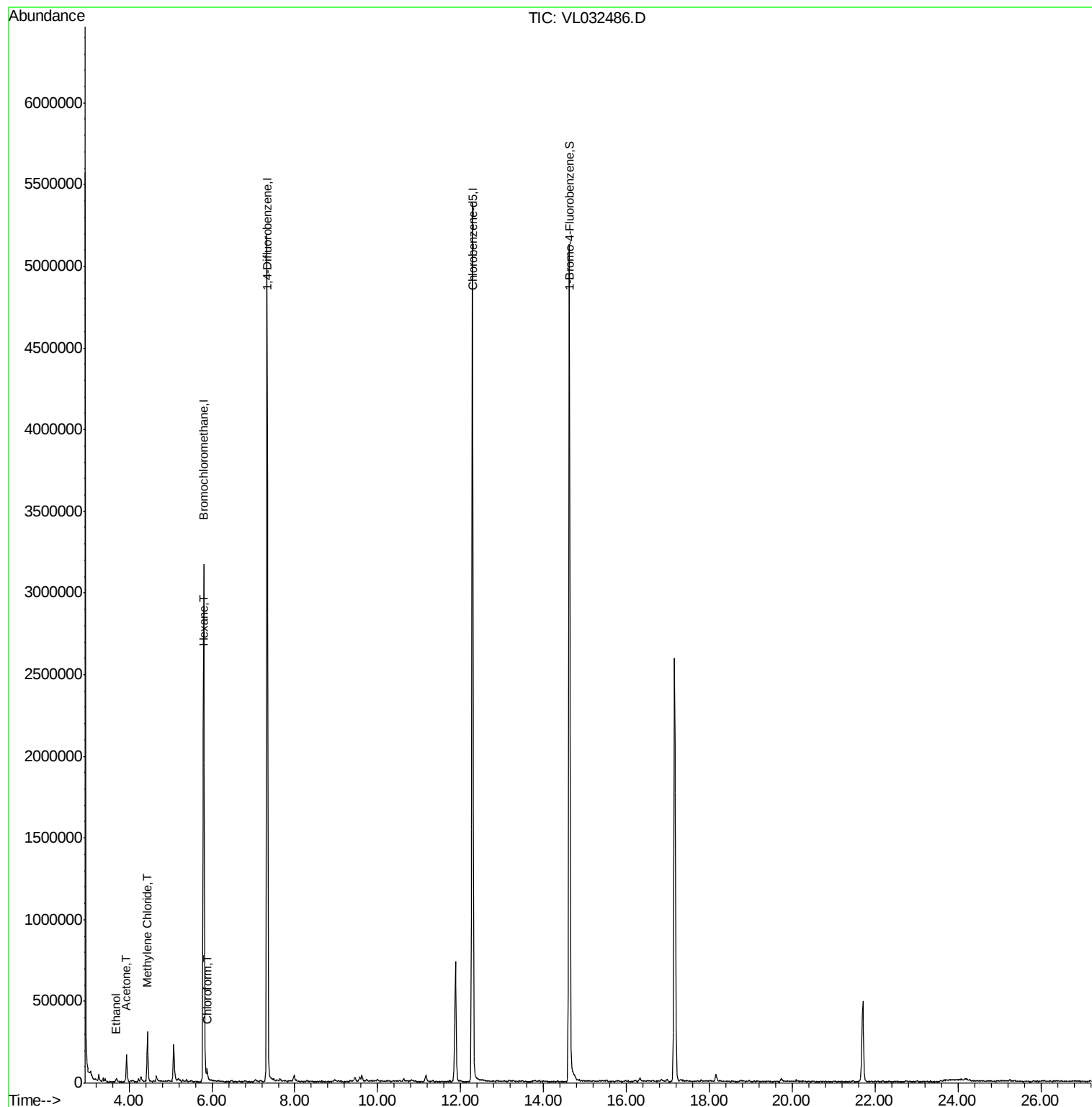
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091018\
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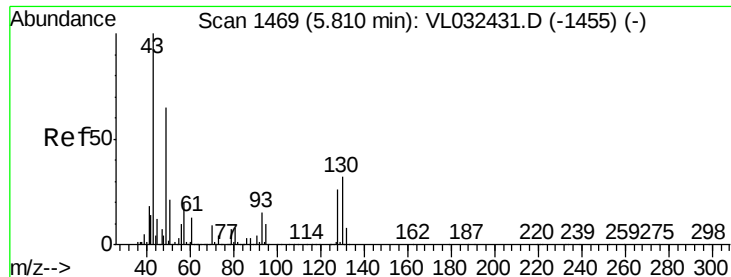
Instrument :
MSVOA_L
ClientSampleId :
239-BERRYDL

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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: VL032486.D

Acq: 10 Sep 2018 20:04

Instrument :

MSVOA_L

ClientSampleId :

239-BERRYDL

Tot Ion: 49 Resp: 1595009

Ion Ratio Lower Upper

49 100

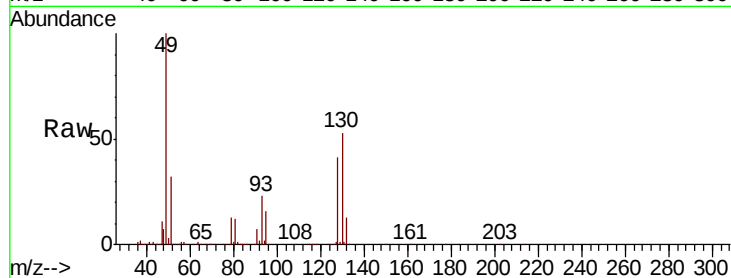
128 41.8 20.7 62.1

130 53.8 26.6 79.7

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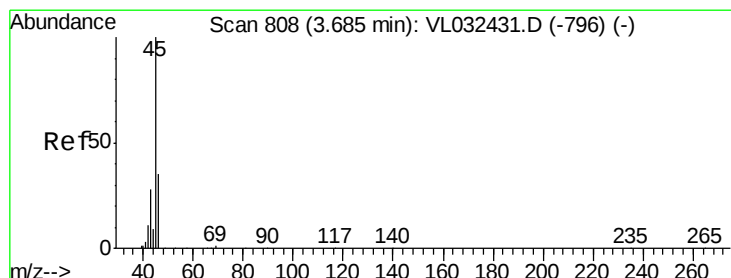
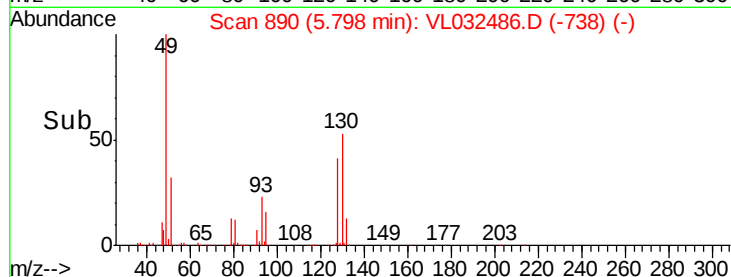
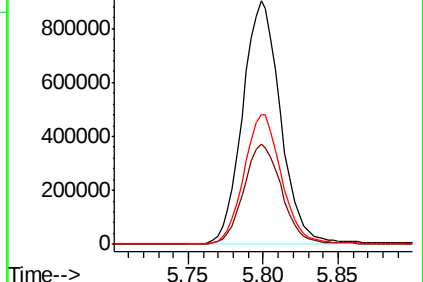
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 1.16 ppbv m

RT: 3.70 min Scan# 236

Delta R.T. 0.01 min

Lab File: VL032486.D

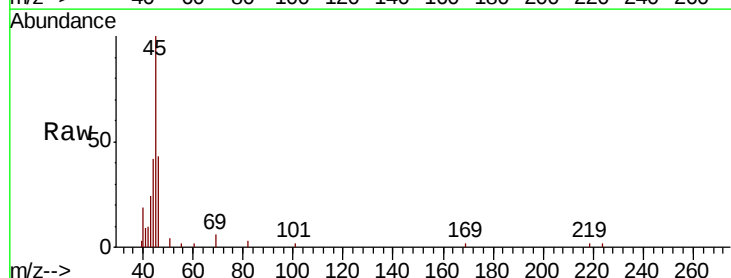
Acq: 10 Sep 2018 20:04

Tgt Ion: 45 Resp: 21081

Ion Ratio Lower Upper

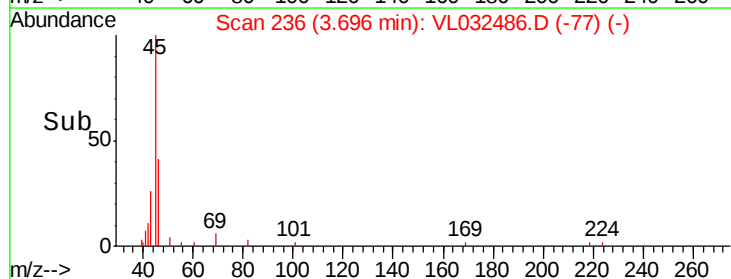
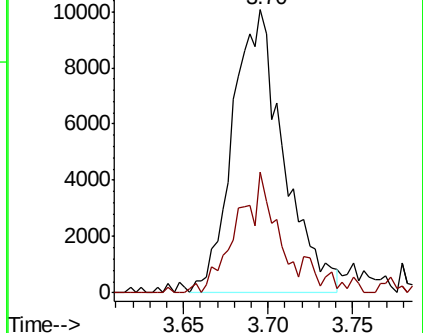
45 100

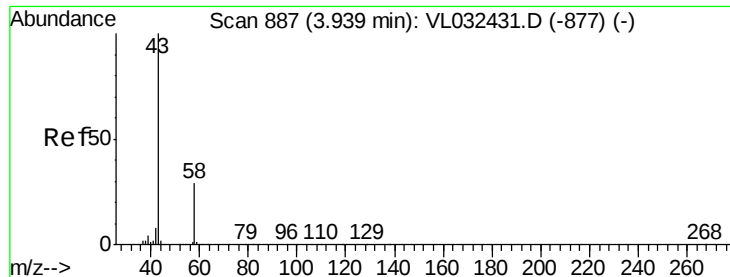
46 0.0 14.2 56.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





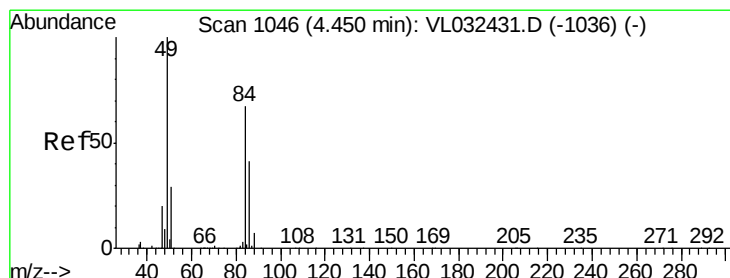
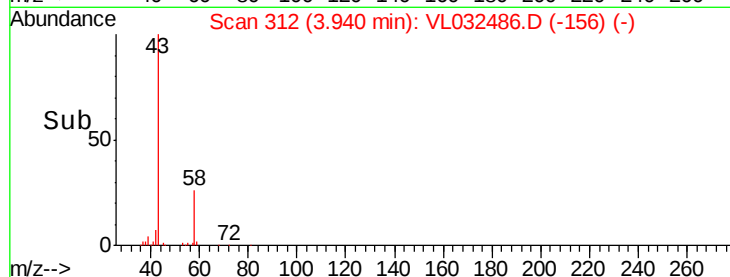
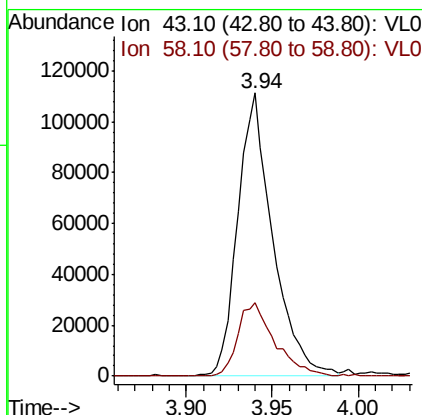
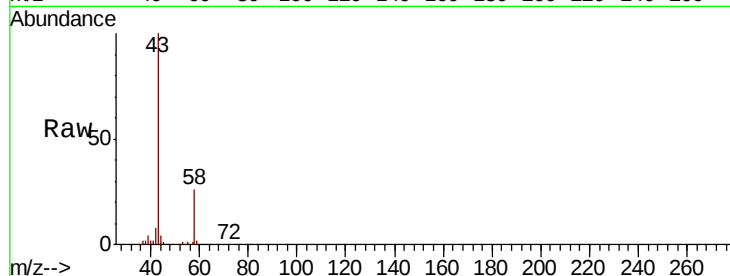
#15
Acetone
Concen: 1.10 ppbv
RT: 3.94 min Scan# 312
Delta R.T. 0.00 min
Lab File: VL032486.D
Acq: 10 Sep 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
239-BERRYDL

Tot Ion	43	Resp	157501
Ion Ratio	Lower	Upper	
43	100		
58	27.9	22.6	33.8

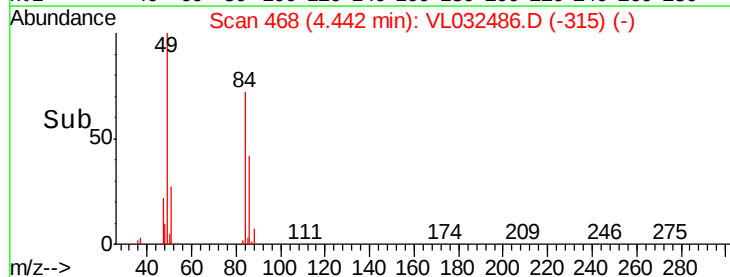
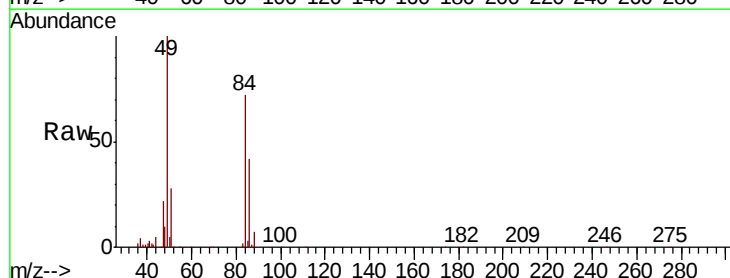
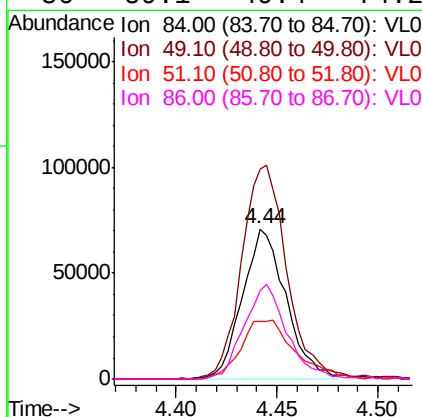
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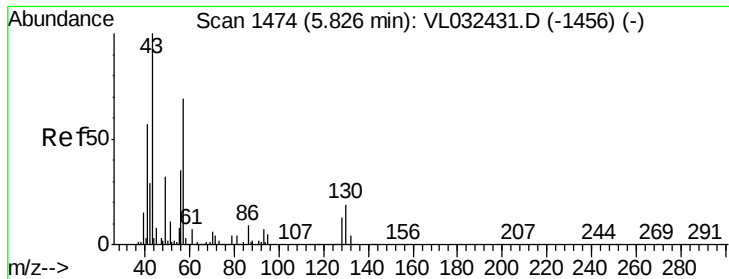
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#20
Methylene Chloride
Concen: 1.96 ppbv
RT: 4.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL032486.D
Acq: 10 Sep 2018 20:04

Tgt Ion	84	Resp	107415
Ion Ratio	Lower	Upper	
84	100		
49	139.1	119.1	178.7
51	38.7	35.2	52.8
86	59.1	49.4	74.2





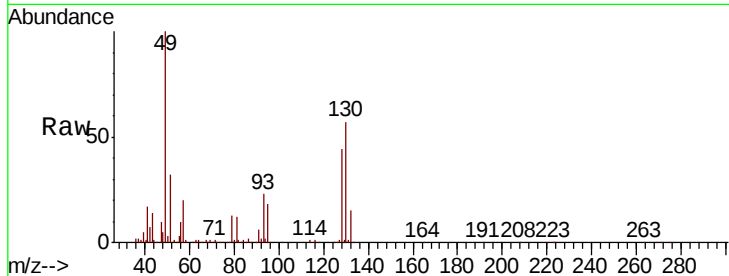
#26
Hexane
Concen: 0.51 ppbv
RT: 5.82 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL032486.D
Acq: 10 Sep 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
239-BERRYDL

Tot Ion	57	Resp	77171
Ion	Ratio	Lower	Upper
57	100		
41	93.4	69.0	103.4
43	73.4	172.1	258.1#
56	58.8	42.2	63.2

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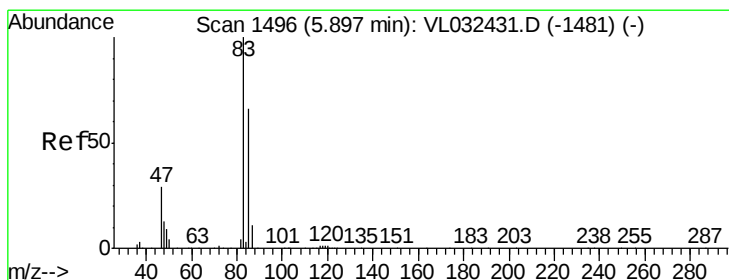
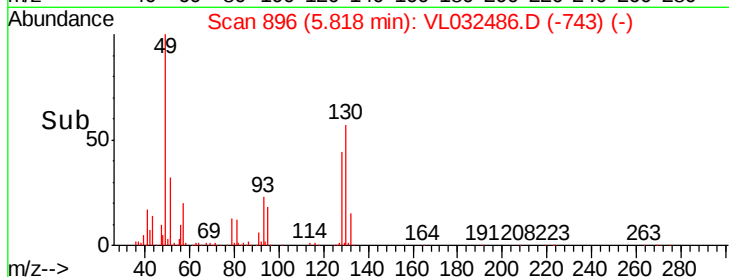
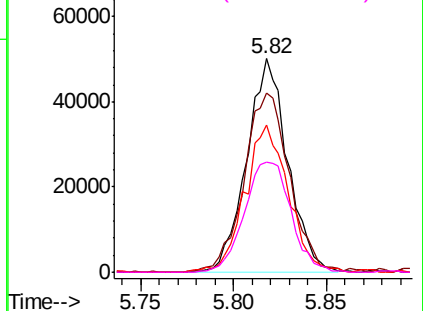
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

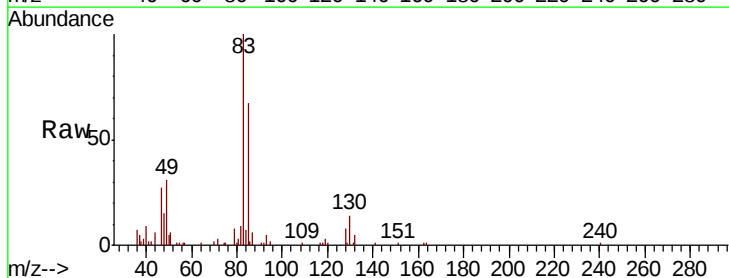
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#29
Chloroform
Concen: 0.17 ppbv
RT: 5.88 min Scan# 916
Delta R.T. -0.01 min
Lab File: VL032486.D
Acq: 10 Sep 2018 20:04

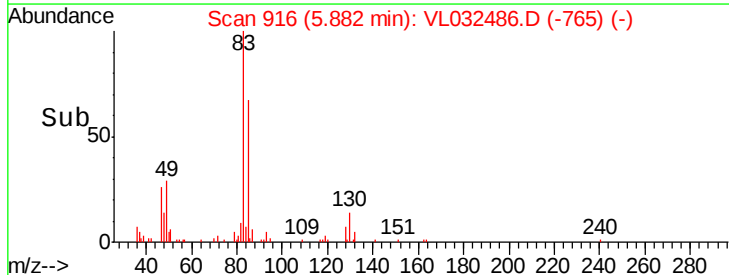
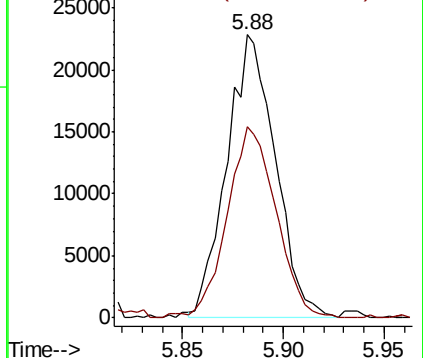
Tgt Ion	83	Resp	38427
Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.5	78.7

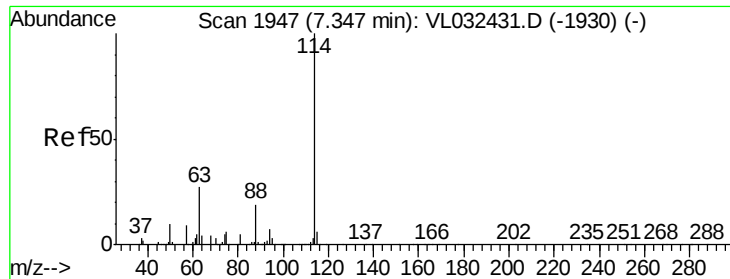


Abundance

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





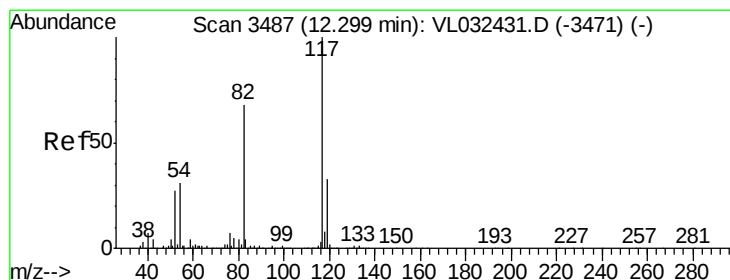
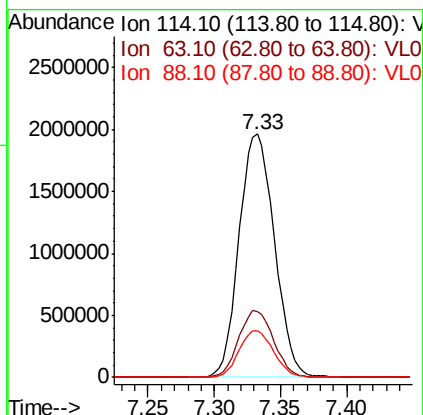
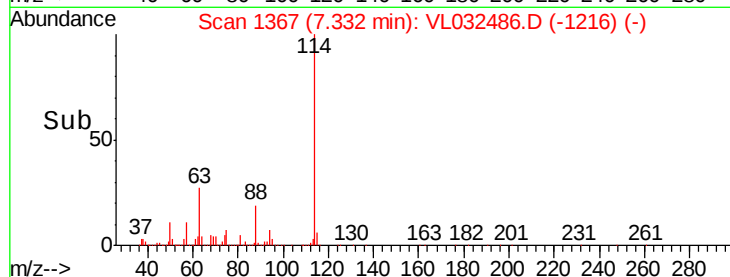
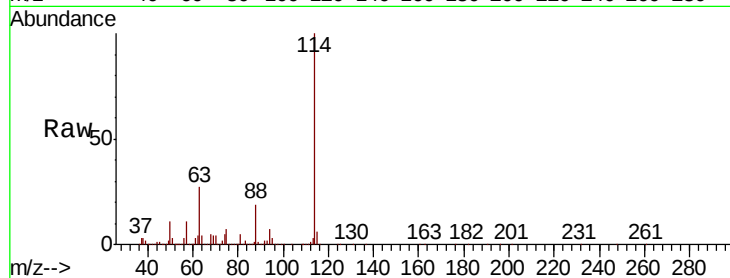
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.33 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VL032486.D
 Acq: 10 Sep 2018 20:04

Instrument :
 MSVOA_L
 ClientSampleId :
 239-BERRYDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	18.8	15.0	22.4

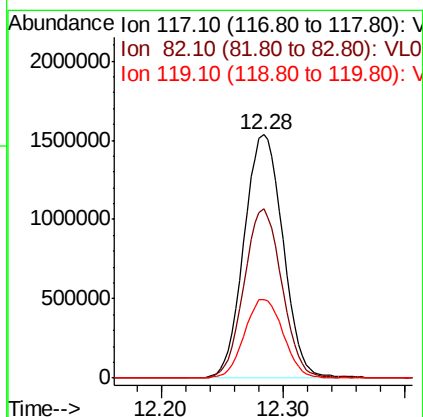
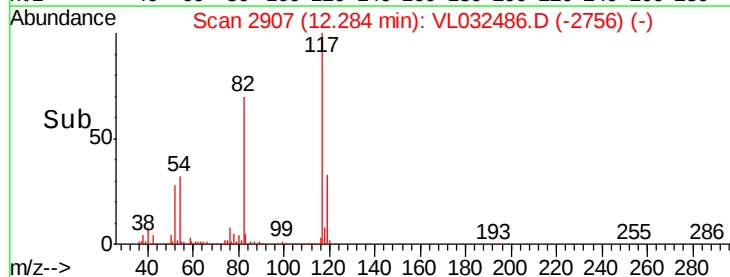
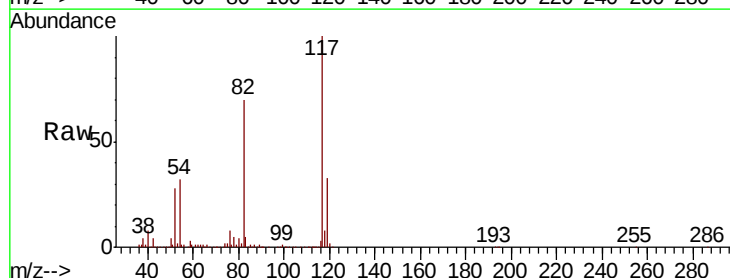
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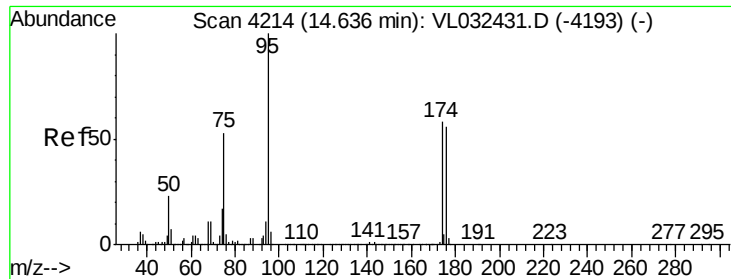
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.28 min Scan# 2907
 Delta R.T. -0.01 min
 Lab File: VL032486.D
 Acq: 10 Sep 2018 20:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.2	53.0	79.6
119	32.4	45.9	68.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.35 ppbv
 RT: 14.62 min Scan# 3634
 Delta R.T. -0.01 min
 Lab File: VL032486.D
 Acq: 10 Sep 2018 20:04

Instrument :
 MSVOA_L
 ClientSampleId :
 239-BERRYDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	58.1	46.3	69.5
175	4.2	3.4	5.0

Manual Integrations
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