

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032337.D
 Acq On : 2 Aug 2018 00:38
 Operator : SY/AP
 Sample : J4235-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTSIDE-ROOFDL

Manual Integrations
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Quant Time: Aug 02 02:25:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1895581	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.36	114	4525020	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.31	117	4555709	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3615435	10.22	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.09	41	10252m	0.12	ppbv	
13) Ethanol	3.71	45	16118m	0.66	ppbv	
15) Acetone	3.96	43	120366	0.67	ppbv	99
20) Methylene Chloride	4.47	84	27566	0.38	ppbv	91
26) Hexane	5.84	57	64233	0.35	ppbv #	41

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

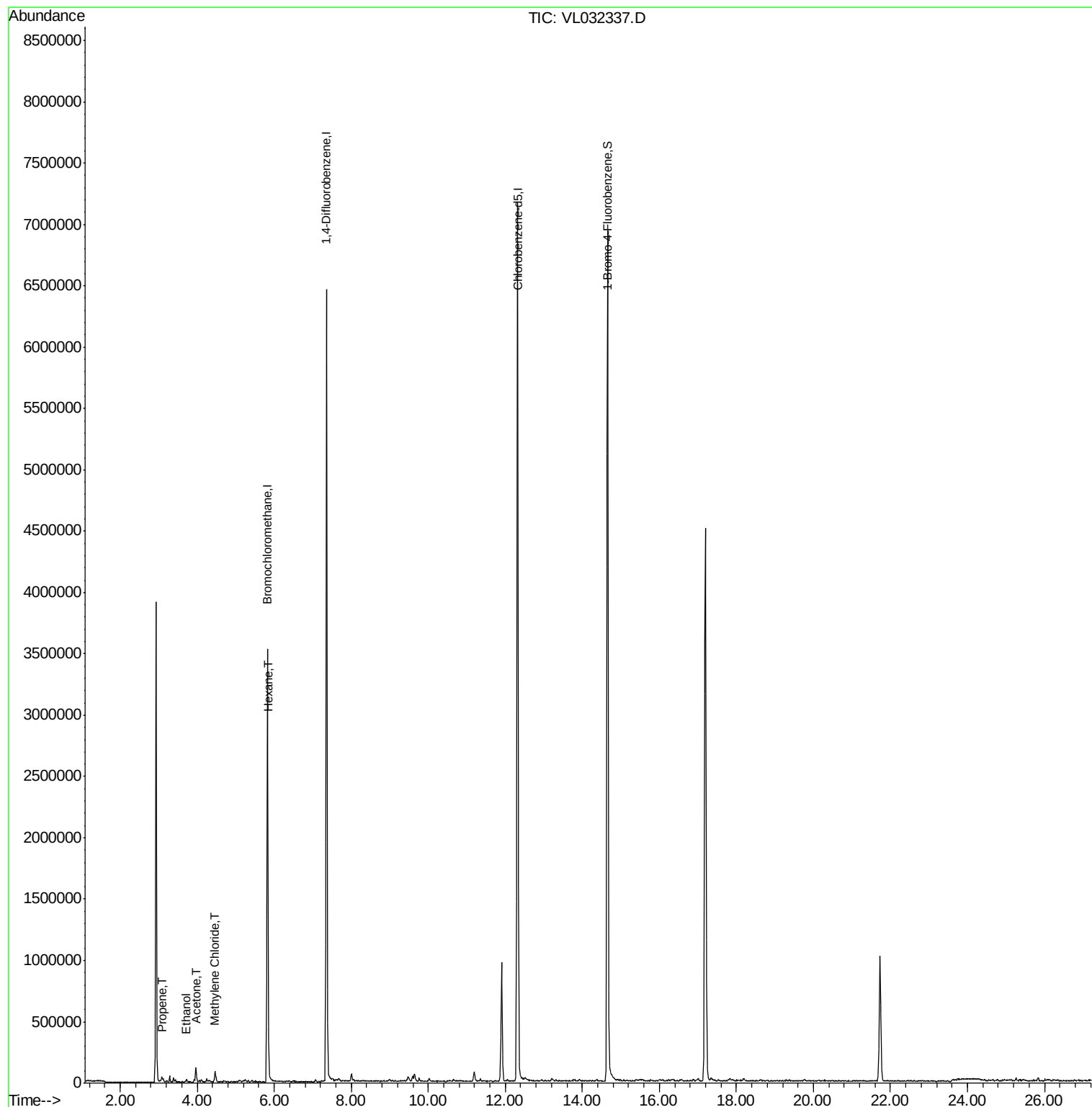
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080118\
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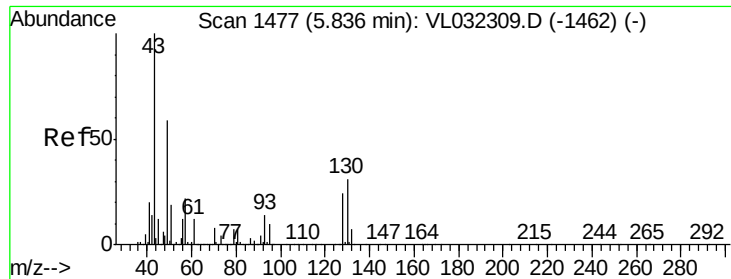
Instrument :
MSVOA_L
ClientSampleId :
OUTSIDE-ROOFDL

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QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.82 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VL032337.D

Acq: 2 Aug 2018 00:38

Instrument :

MSVOA_L

ClientSampleId :

OUTSIDE-ROOFDL

Tot Ion: 49 Resp: 1895581

Ion Ratio Lower Upper

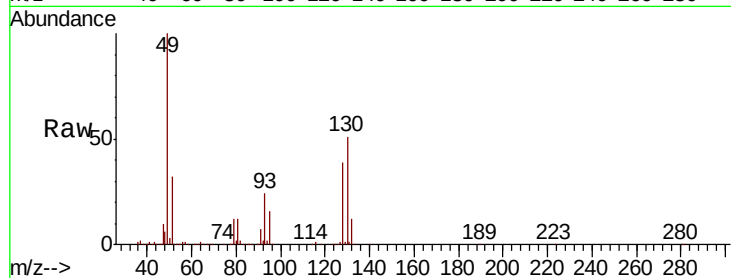
49 100

128 39.6 20.2 60.6

130 50.5 25.8 77.3

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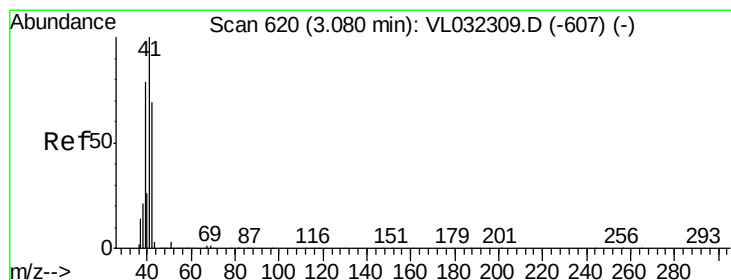
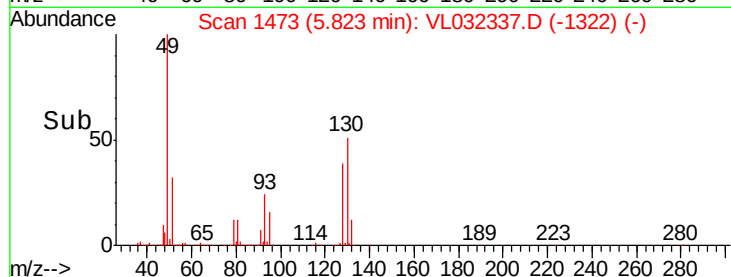
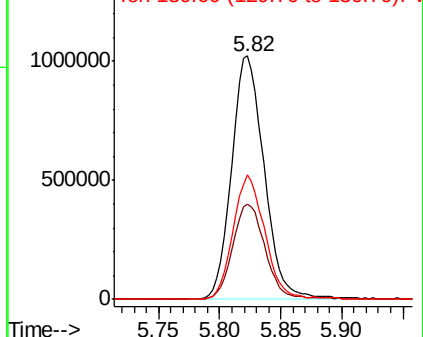
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.12 ppbv m

RT: 3.09 min Scan# 623

Delta R.T. 0.01 min

Lab File: VL032337.D

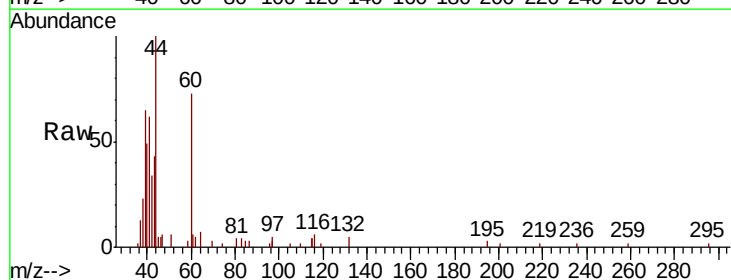
Acq: 2 Aug 2018 00:38

Tgt Ion: 41 Resp: 10252

Ion Ratio Lower Upper

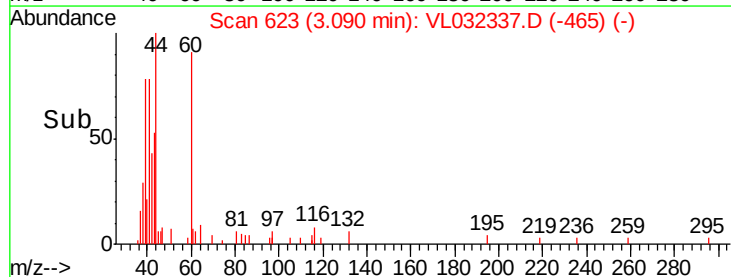
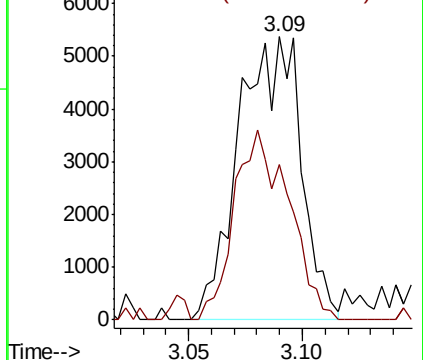
41 100

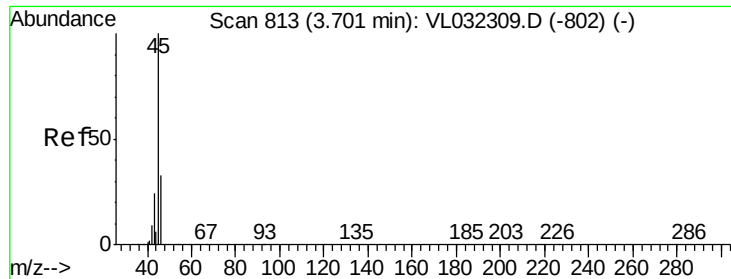
42 0.0 56.8 85.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





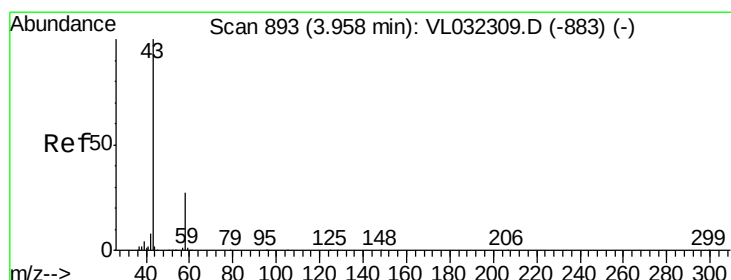
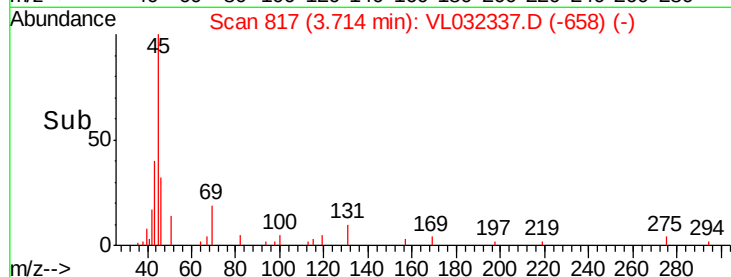
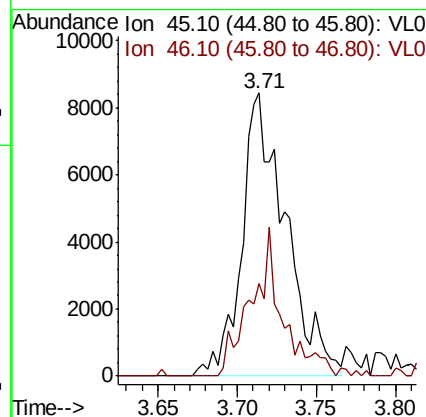
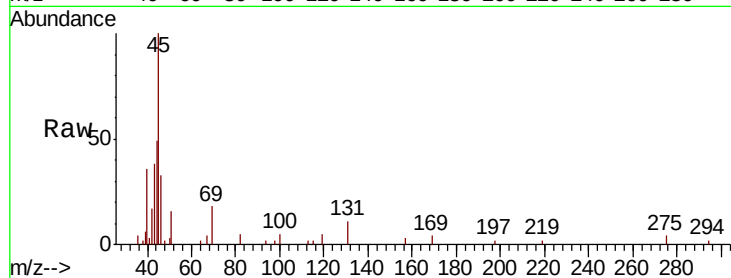
#13
Ethanol
Concen: 0.66 ppbv m
RT: 3.71 min Scan# 817
Delta R.T. 0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument :
MSVOA_L
ClientSampleId :
OUTSIDE-ROOFDL

Tot Ion	45	46	Ratio	Lower	Upper
16118	100	0.0		15.2	60.6#

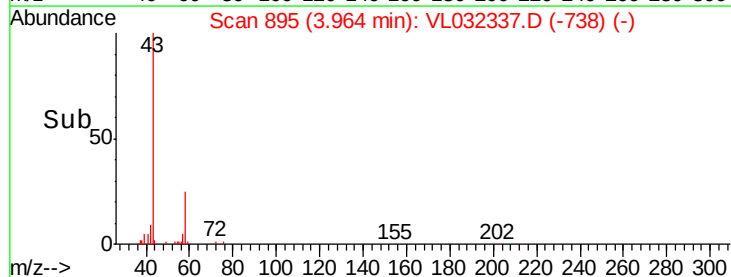
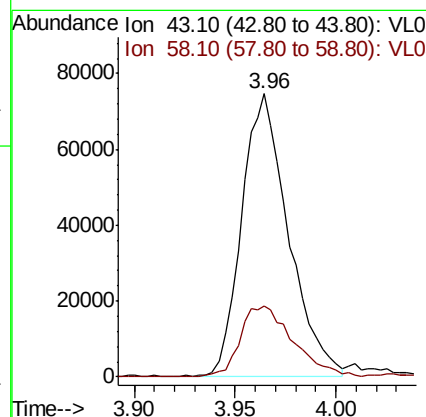
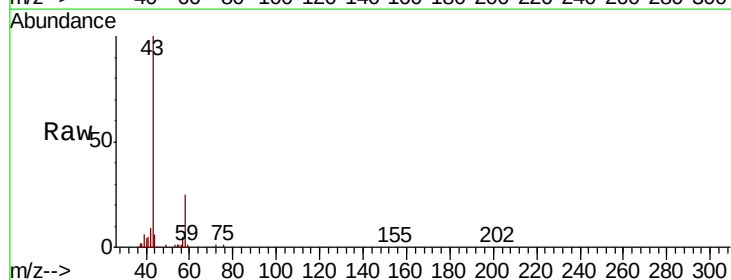
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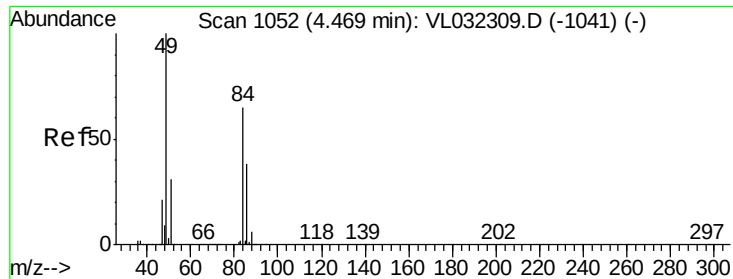
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#15
Acetone
Concen: 0.67 ppbv
RT: 3.96 min Scan# 895
Delta R.T. 0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion	43	58	Ratio	Lower	Upper
120366	100	28.8		22.5	33.7





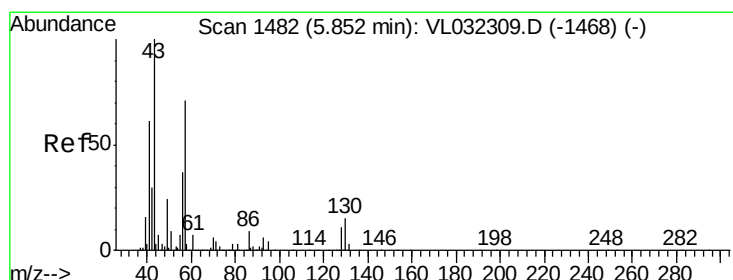
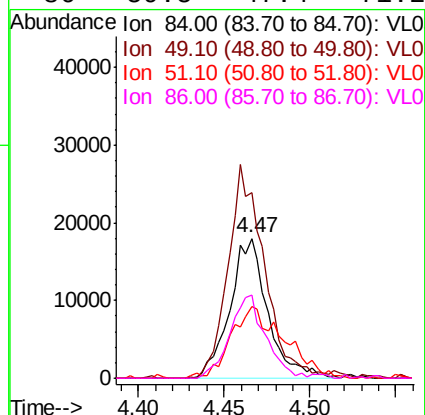
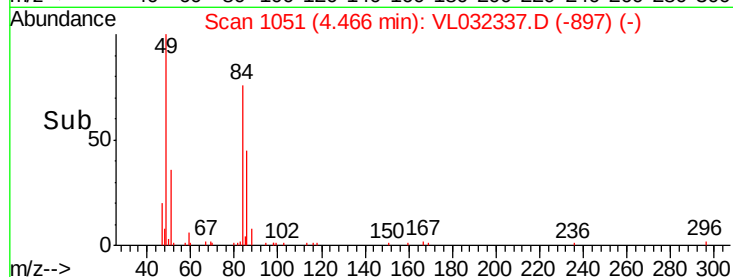
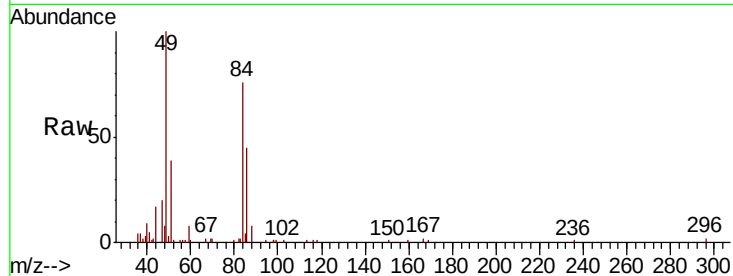
#20
Methvlene Chloride
Concen: 0.38 ppbv
RT: 4.47 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Instrument :
MSVOA_L
ClientSampleId :
OUTSIDE-ROOFDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
84	100				
49	134.8		123.4	185.0	
51	49.8		38.2	57.2	
86	59.5		47.4	71.2	

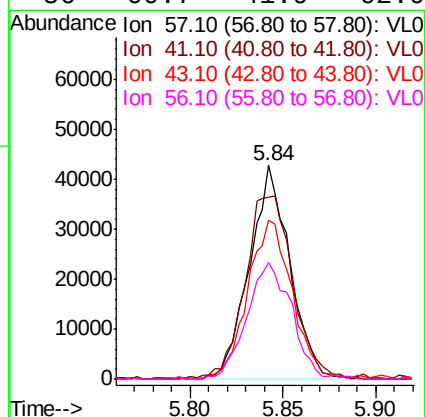
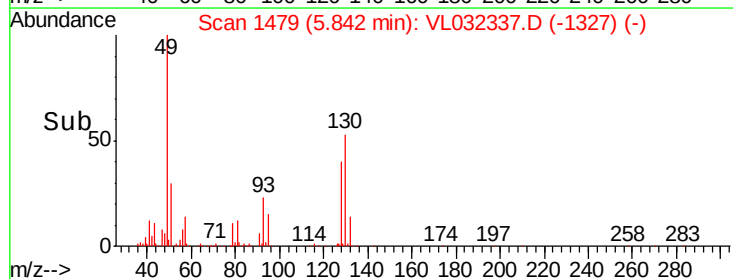
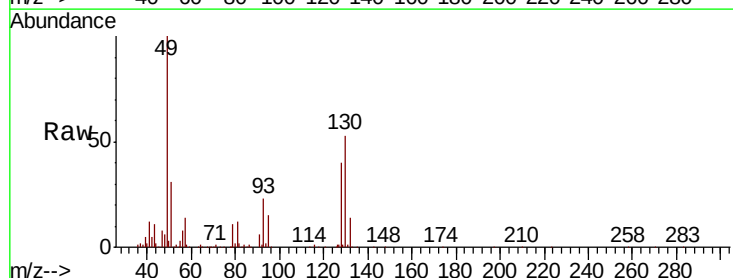
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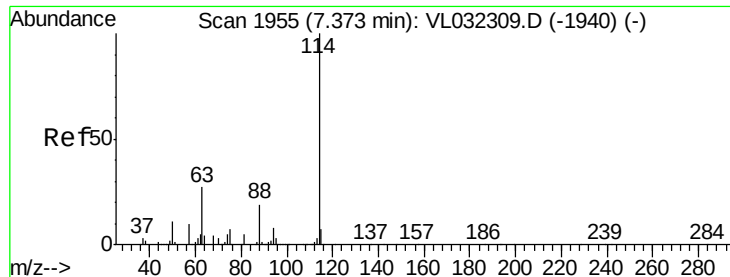
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#26
Hexane
Concen: 0.35 ppbv
RT: 5.84 min Scan# 1479
Delta R.T. -0.01 min
Lab File: VL032337.D
Acq: 2 Aug 2018 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100				
41	103.4		68.1	102.1#	
43	83.5		177.4	266.2#	
56	60.7		41.9	62.9	





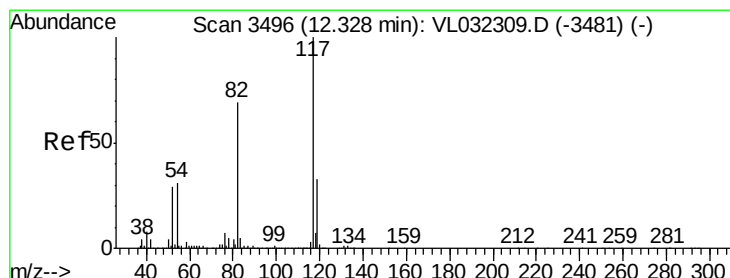
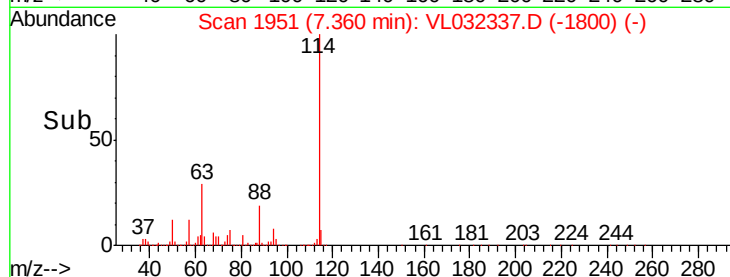
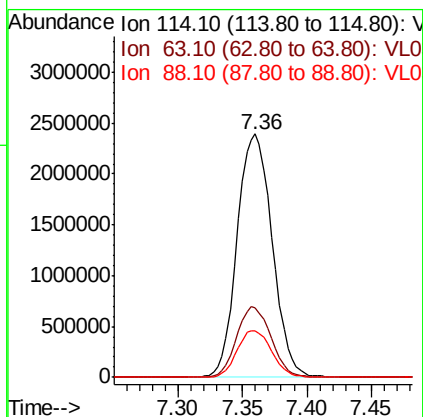
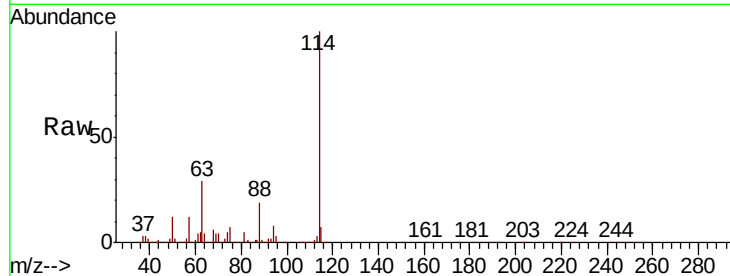
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.36 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VL032337.D
 Acq: 2 Aug 2018 00:38

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTSIDE-ROOFDL

Tot Ion:114 Resp: 4525020
 Ion Ratio Lower Upper
 114 100
 63 28.6 22.4 33.6
 88 19.1 15.3 22.9

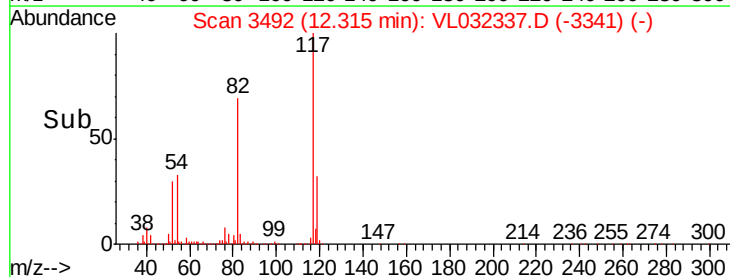
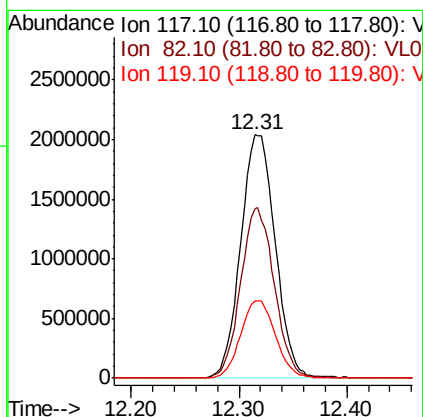
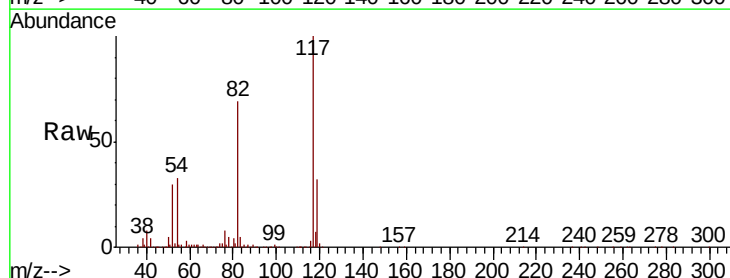
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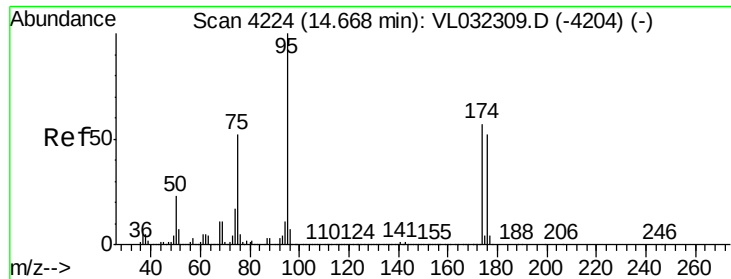
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.31 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: VL032337.D
 Acq: 2 Aug 2018 00:38

Tgt Ion:117 Resp: 4555709
 Ion Ratio Lower Upper
 117 100
 82 68.4 52.6 78.8
 119 32.4 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.22 ppbv
 RT: 14.66 min Scan# 4220
 Delta R.T. -0.01 min
 Lab File: VL032337.D
 Acq: 2 Aug 2018 00:38

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTSIDE-ROOFDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	55.8	45.5	68.3
175	3.9	3.3	4.9

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