

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021319\
 Data File : VL033197.D
 Acq On : 13 Feb 2019 21:42
 Operator : SY/AP
 Sample : K1408-02DL2 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AB-SSDL2

Manual Integrations
 APPROVED

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 2/20/2019 12:24:40 PM

Quant Time: Feb 20 08:11:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 20 08:11:41 2019
 QLast Update : Wed Feb 20 06:00:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	967839	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2153554	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2154640	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1708941	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.66	45	9846m	0.515	ppbv	
15) Acetone	3.92	43	75531	0.693	ppbv	97
34) 2-Butanone	5.35	43	21389	0.157	ppbv	99
58) Ethyl Benzene	12.87	91	14502m	0.041	ppbv	
59) m/p-Xylene	13.12	91	32421m	0.110	ppbv	

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

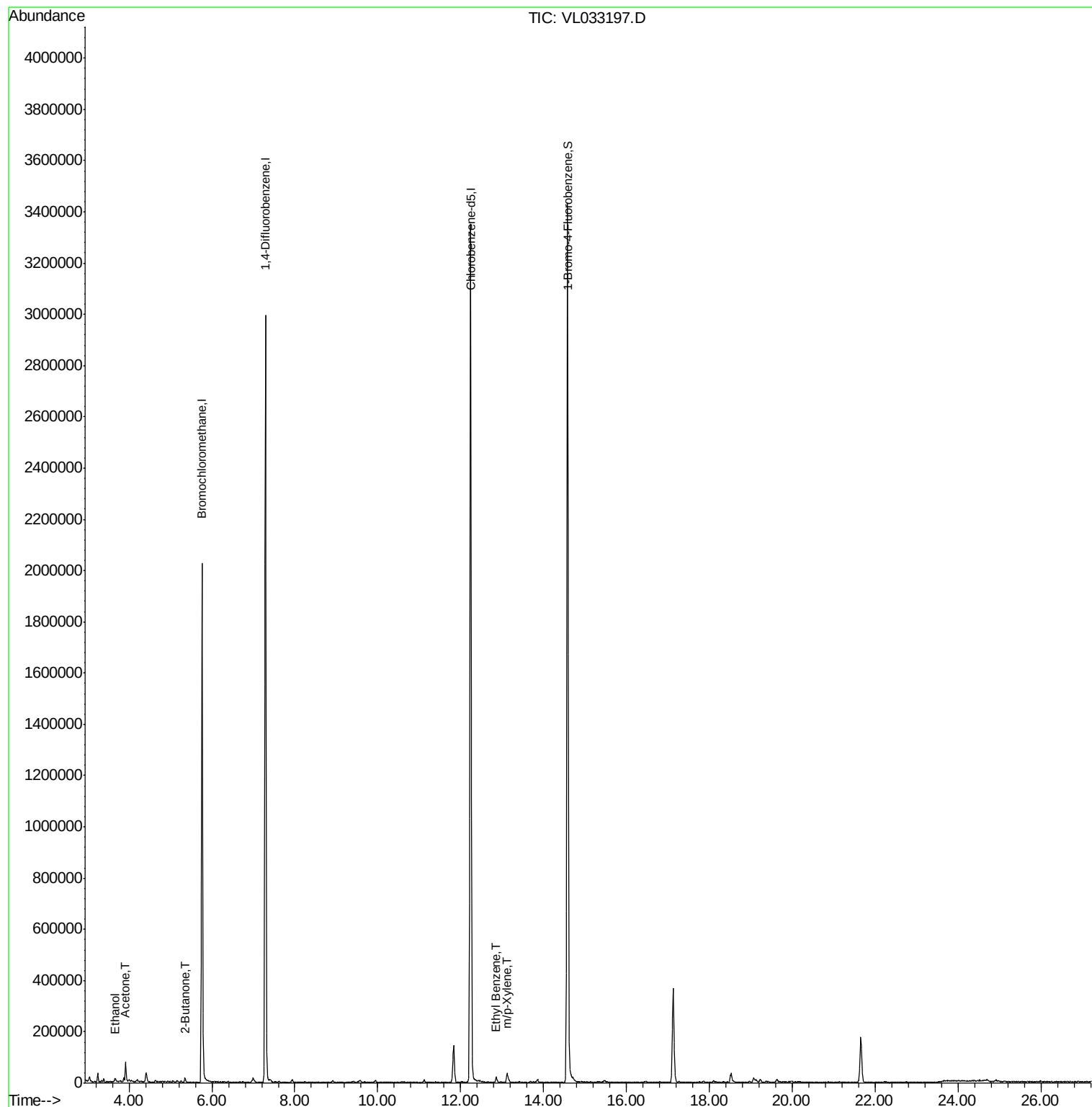
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL021319\
Data File : VL033197.D
Acq On : 13 Feb 2019 21:42
Operator : SY/AP
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

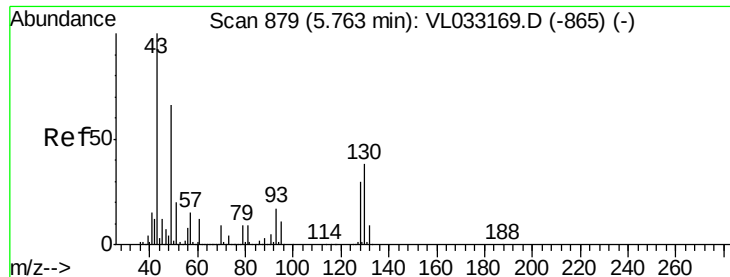
Instrument :
MSVOA_L
ClientSampleId :
AB-SSDL2

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Quant Time: Feb 20 08:11:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

Lab File: VL033197.D

Acq: 13 Feb 2019 21:42

Instrument :

MSVOA_L

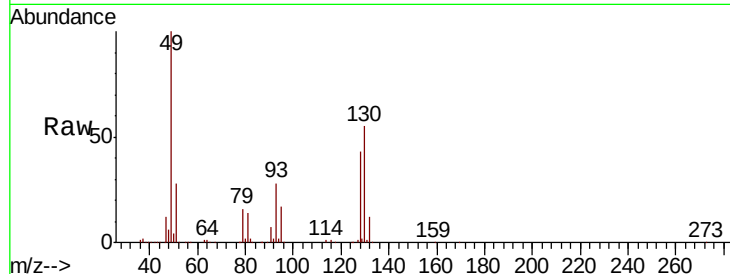
ClientSampled :

AB-SSDL2

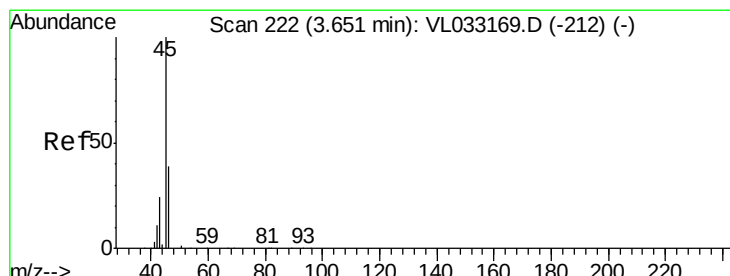
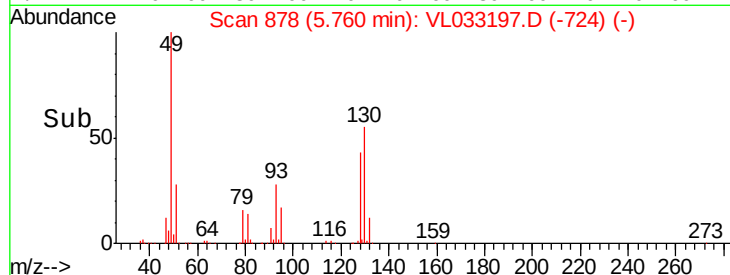
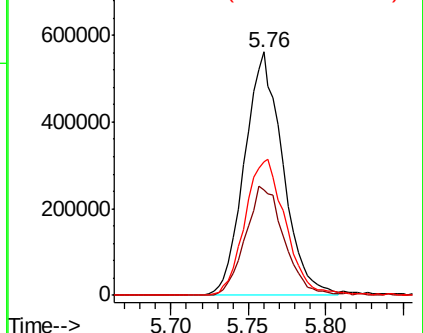
Tgt Ion:	49	Resp:	967839
Ion	Ratio	Lower	Upper
49	100		
128	45.8	23.6	71.0
130	60.2	30.3	91.0

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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: 0.515 ppbv m

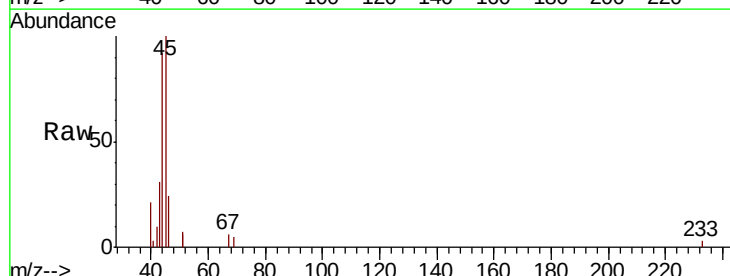
RT: 3.66 min Scan# 225

Delta R.T. 0.01 min

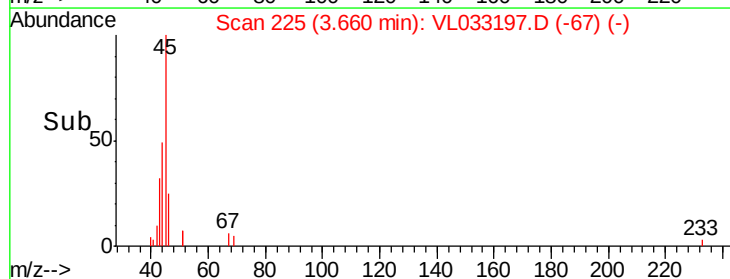
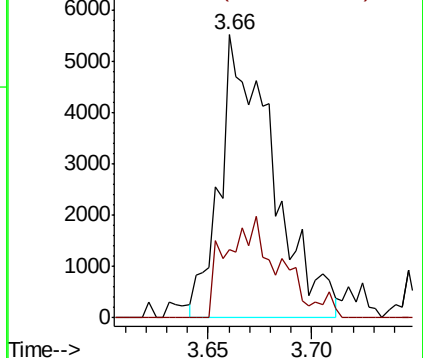
Lab File: VL033197.D

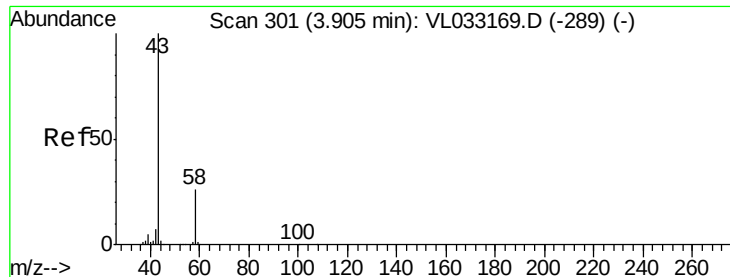
Acq: 13 Feb 2019 21:42

Tgt Ion:	45	Resp:	9846
Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.0	60.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0





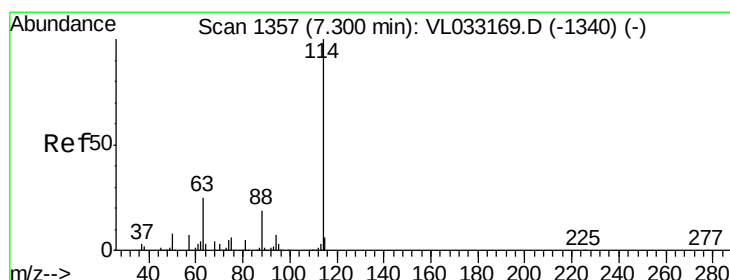
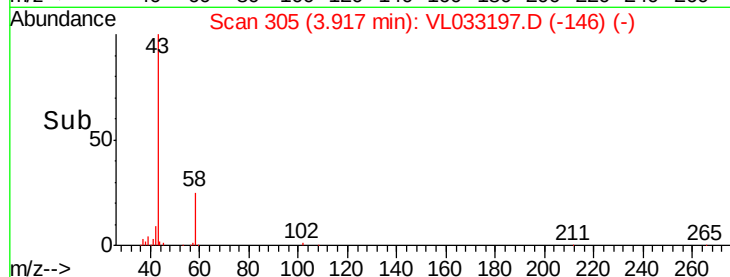
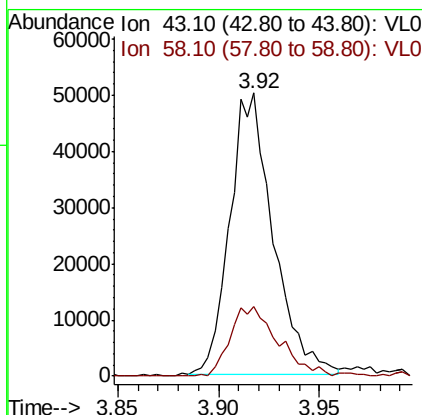
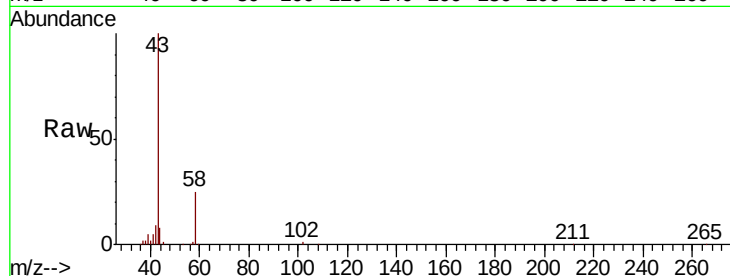
#15
Acetone
Concen: 0.693 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL033197.D
Acq: 13 Feb 2019 21:42

Instrument :
MSVOA_L
ClientSampled :
AB-SSDL2

Tgt Ion: 43 Resp: 75531
Ion Ratio Lower Upper
43 100
58 27.7 21.1 31.7

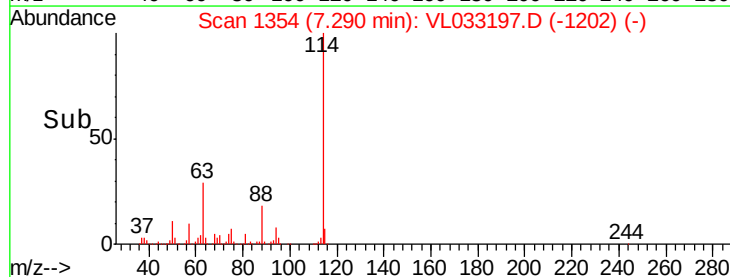
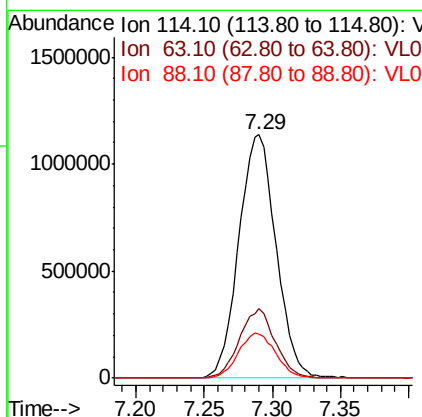
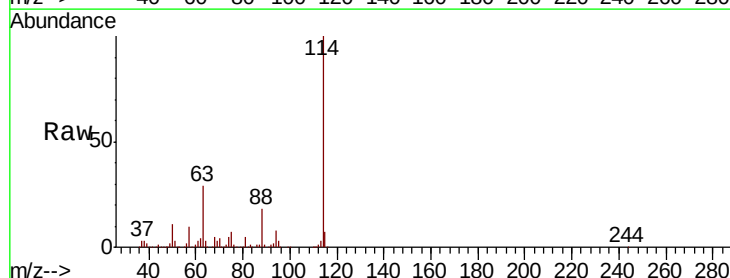
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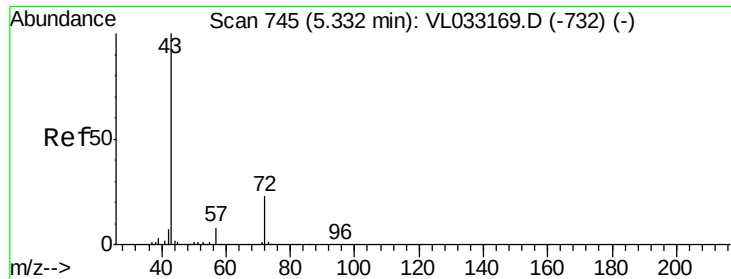
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033197.D
Acq: 13 Feb 2019 21:42

Tgt Ion: 114 Resp: 2153554
Ion Ratio Lower Upper
114 100
63 27.4 20.8 31.2
88 18.6 14.6 22.0





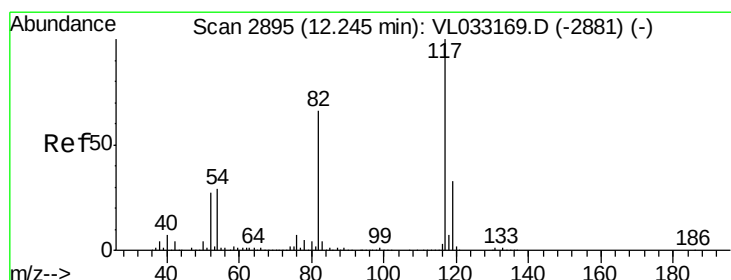
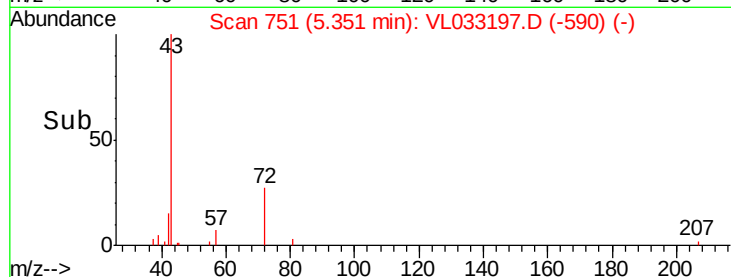
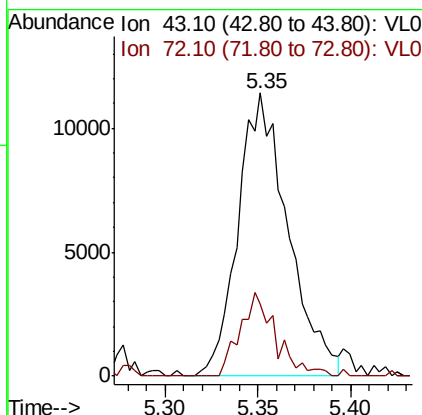
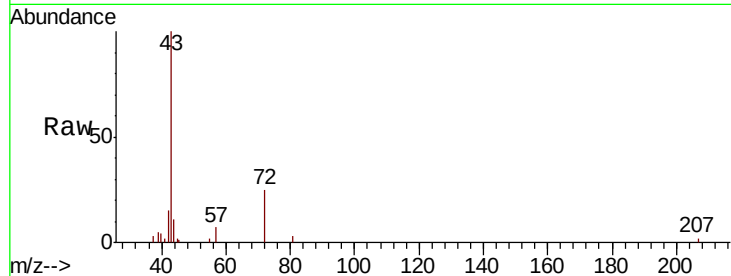
#34
2-Butanone
Concen: 0.157 ppbv
RT: 5.35 min Scan# 751
Delta R.T. 0.02 min
Lab File: VL033197.D
Acq: 13 Feb 2019 21:42

Instrument :
MSVOA_L
ClientSampled :
AB-SSDL2

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.5	17.8	26.6

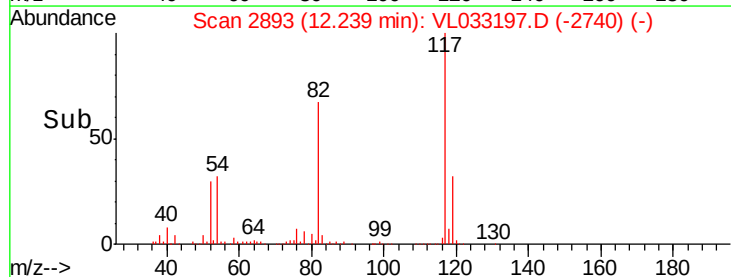
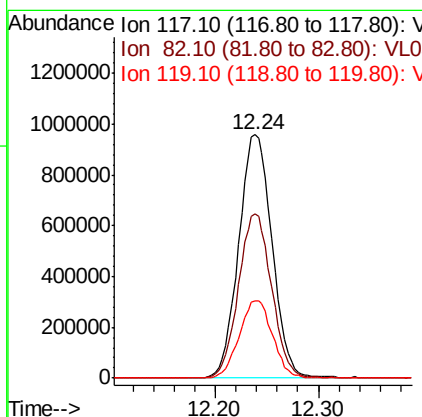
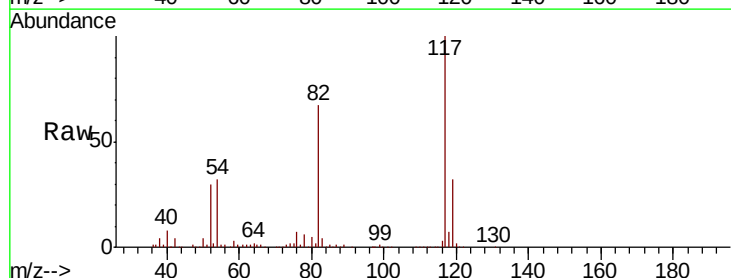
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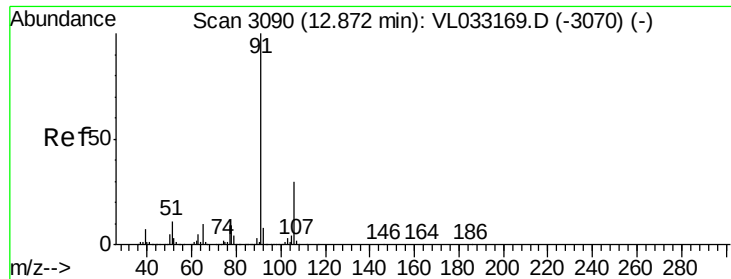
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033197.D
Acq: 13 Feb 2019 21:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.6	53.8	80.8
119	32.0	46.9	70.3





#58

Ethyl Benzene

Concen: 0.041 ppbv m

RT: 12.87 min Scan# 3088

Delta R.T. -0.01 min

Lab File: VL033197.D

Acq: 13 Feb 2019 21:42

Instrument :

MSVOA_L

ClientSampleId :

AB-SSDL2

Tgt Ion: 91 Resp: 14502

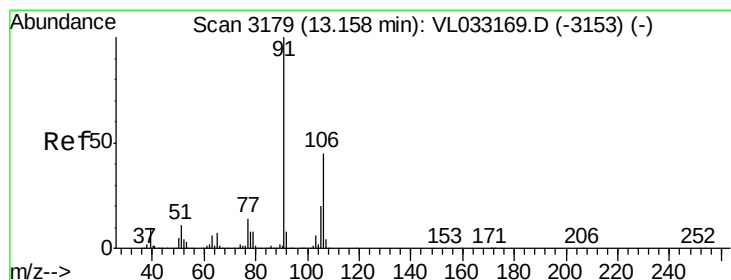
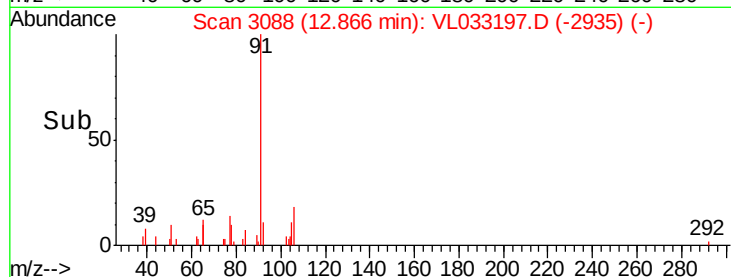
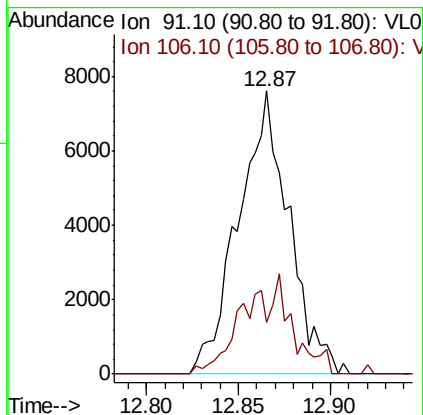
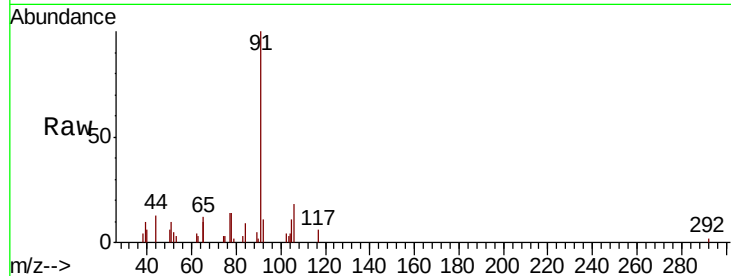
Ion Ratio Lower Upper

91 100

106 18.2 23.8 35.8#

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#59

m/p-Xylene

Concen: 0.110 ppbv m

RT: 13.12 min Scan# 3168

Delta R.T. -0.04 min

Lab File: VL033197.D

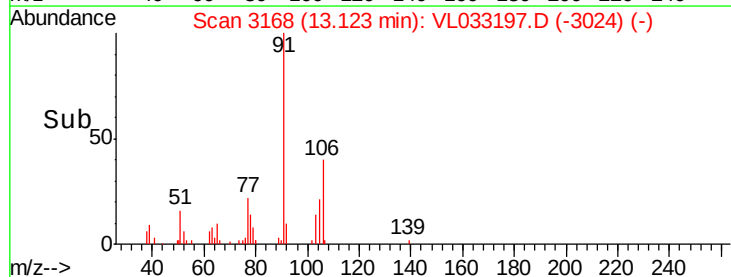
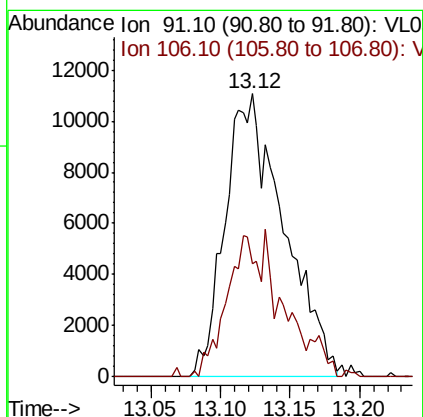
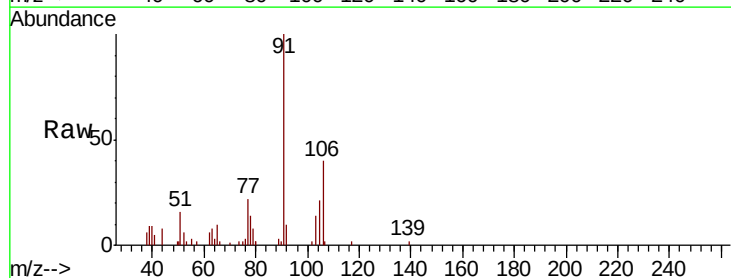
Acq: 13 Feb 2019 21:42

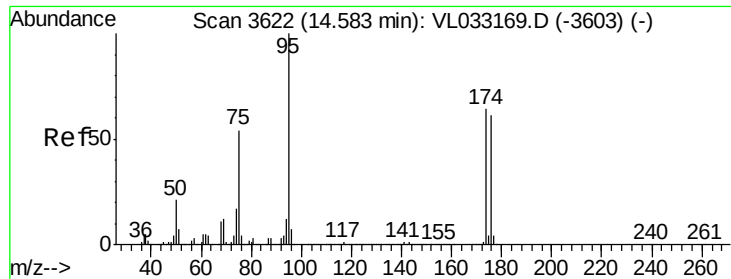
Tgt Ion: 91 Resp: 32421

Ion Ratio Lower Upper

91 100

106 47.6 36.6 55.0





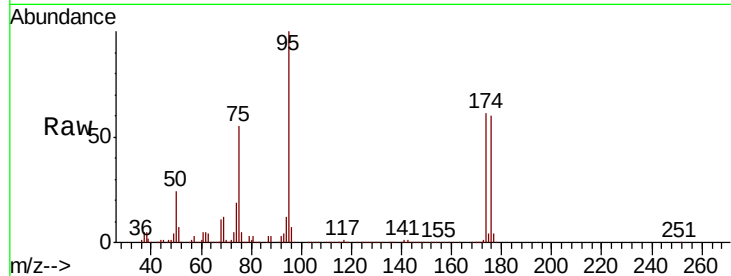
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.178 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL033197.D
 Acq: 13 Feb 2019 21:42

Instrument :
 MSVOA_L
 ClientSampleId :
 AB-SSDL2

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.1	51.1	76.7
175	4.5	3.8	5.6

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Abundance

Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

