

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021319\
 Data File : VL033196.D
 Acq On : 13 Feb 2019 21:04
 Operator : SY/AP
 Sample : K1408-02DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AB-SSDL

Manual Integrations
 APPROVED

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 2/20/2019 12:24:33 PM

Quant Time: Feb 20 08:09:51 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 08:09:51 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	809515	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1877637	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1923750	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1534892	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Trichlorofluoromethane	4.00	101	18909	0.151	ppbv	85
13) Ethanol	3.66	45	25802m	1.612	ppbv	
15) Acetone	3.90	43	241141	2.644	ppbv	97
34) 2-Butanone	5.34	43	70877	0.595	ppbv	99
36) Benzene	7.00	78	30924m	0.163	ppbv	
58) Ethyl Benzene	12.87	91	62742	0.199	ppbv	94
59) m/p-Xylene	13.12	91	157622	0.600	ppbv	99
60) o-Xylene	13.85	91	40594	0.158	ppbv	97

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

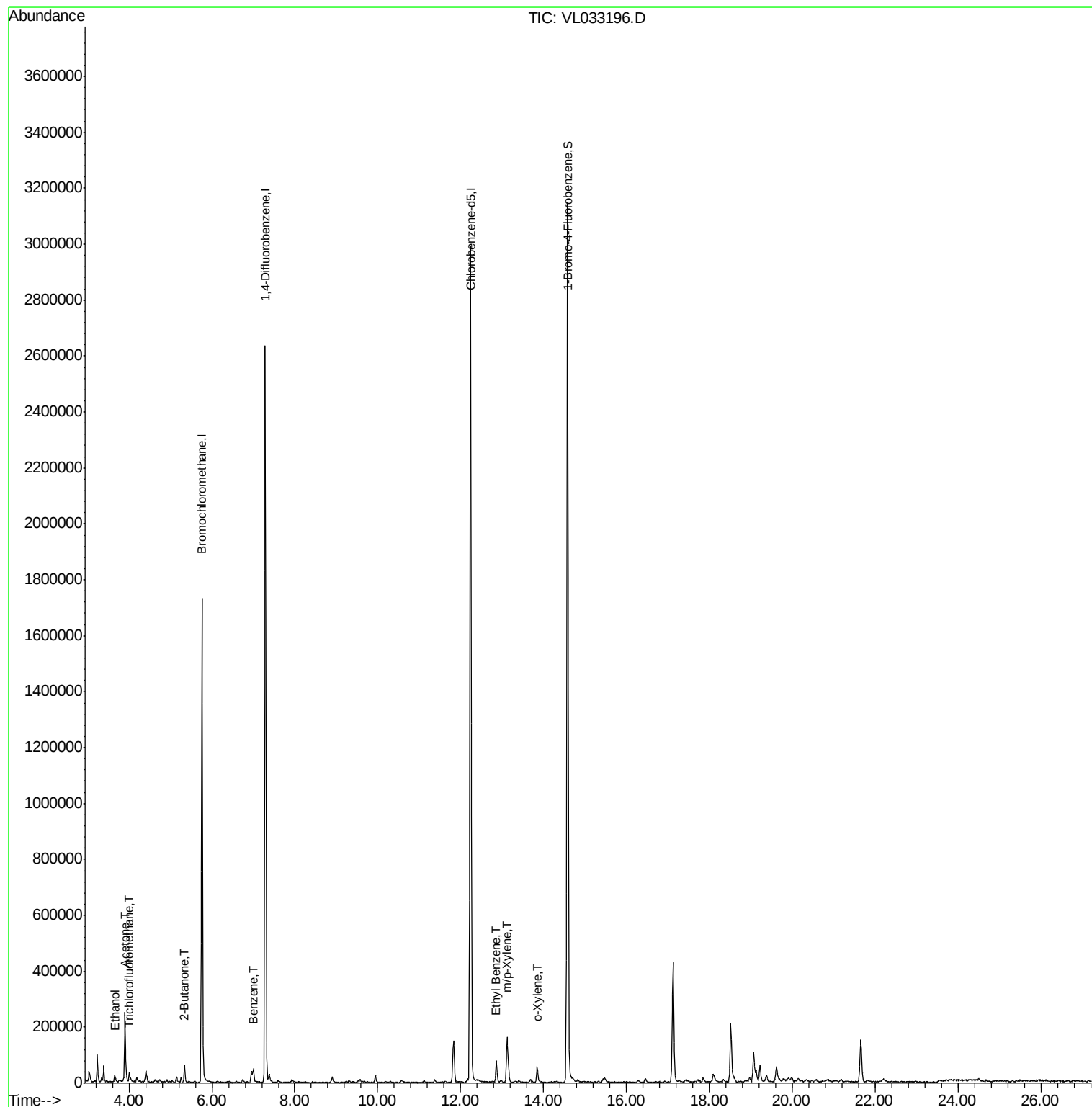
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL021319\
Data File : VL033196.D
Acq On : 13 Feb 2019 21:04
Operator : SY/AP
Sample : K1408-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

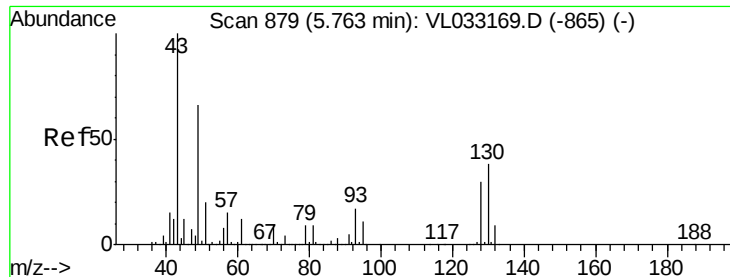
Instrument :
MSVOA_L
ClientSampleId :
AB-SSDL

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Quant Time: Feb 20 08:09:51 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: VL033196.D

Acq: 13 Feb 2019 21:04

Instrument :

MSVOA_L

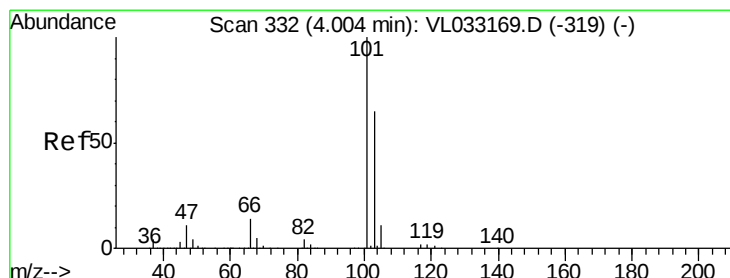
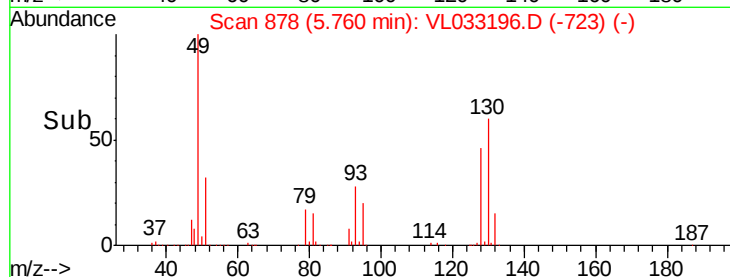
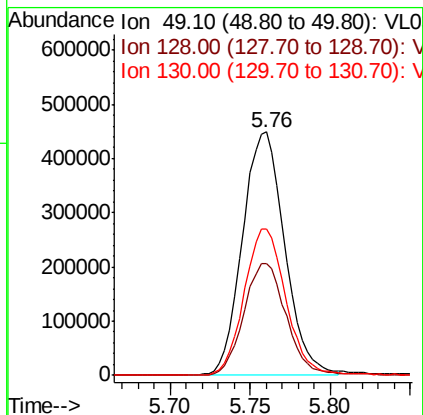
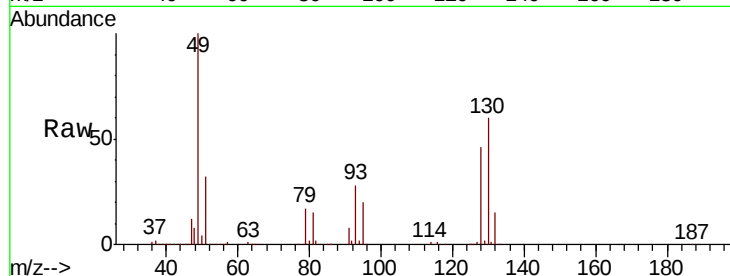
ClientSampleId :

AB-SSDL

Tgt Ion:	49	Resp:	809515
Ion Ratio	Lower	Upper	
49	100		
128	46.5	23.6	71.0
130	60.1	30.3	91.0

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#11

Trichlorofluoromethane

Concen: 0.151 ppbv

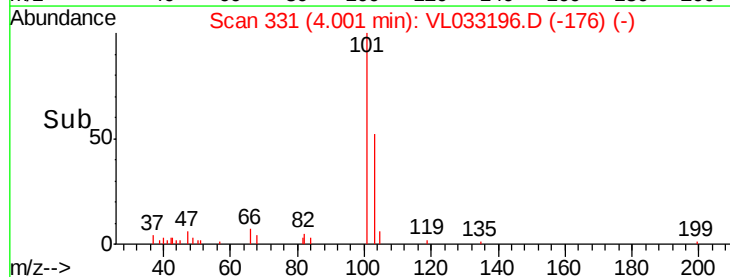
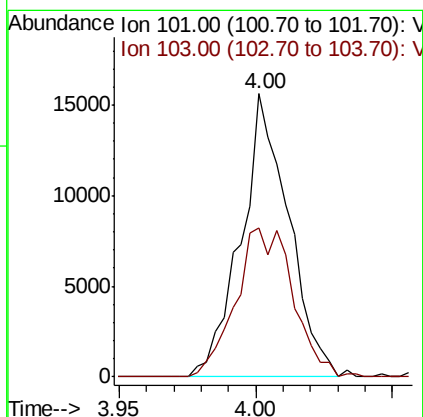
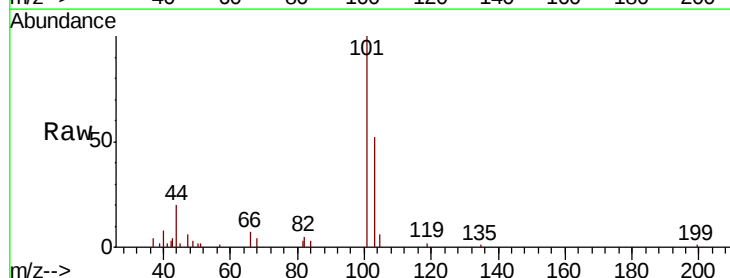
RT: 4.00 min Scan# 331

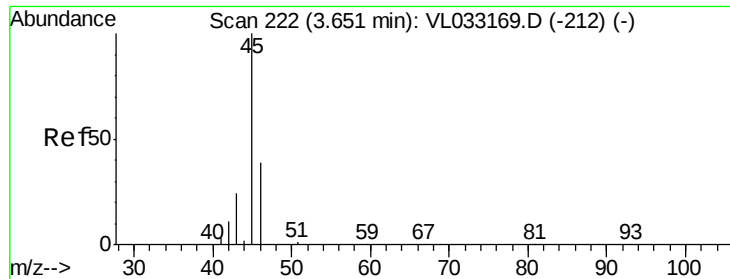
Delta R.T. -0.00 min

Lab File: VL033196.D

Acq: 13 Feb 2019 21:04

Tgt Ion:	101	Resp:	18909
Ion Ratio	Lower	Upper	
101	100		
103	52.4	51.7	77.5





#13

Ethanol

Concen: 1.612 ppbv m

RT: 3.66 min Scan# 224

Delta R.T. 0.01 min

Lab File: VL033196.D

Acq: 13 Feb 2019 21:04

Instrument :

MSVOA_L

ClientSampleId :

AB-SSDL

Tgt Ion: 45 Resp: 25802

Ion Ratio Lower Upper

45 100

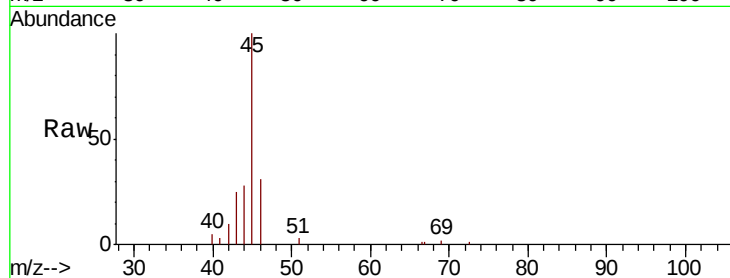
46 34.7 15.0 60.2

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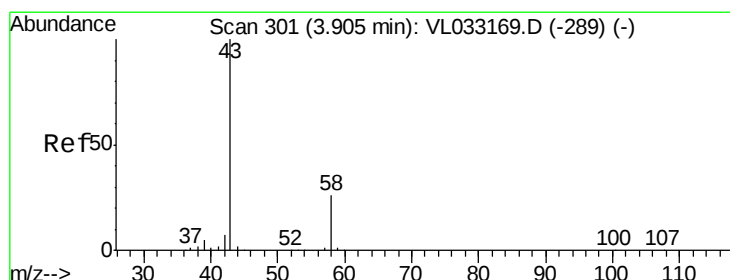
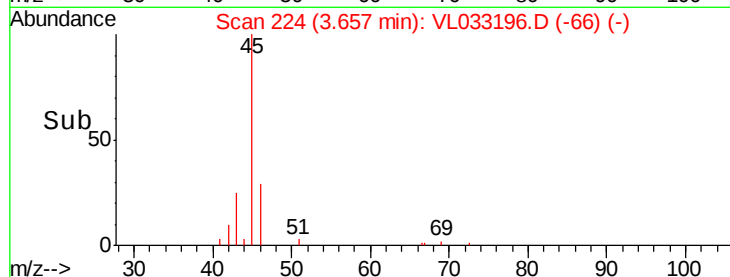
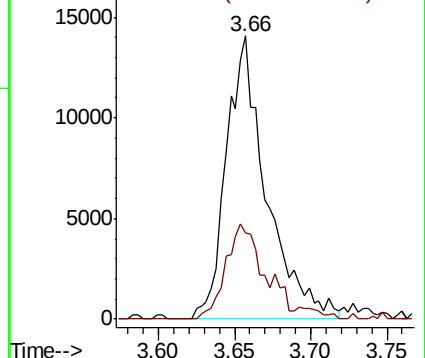
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 2.644 ppbv

RT: 3.90 min Scan# 300

Delta R.T. -0.00 min

Lab File: VL033196.D

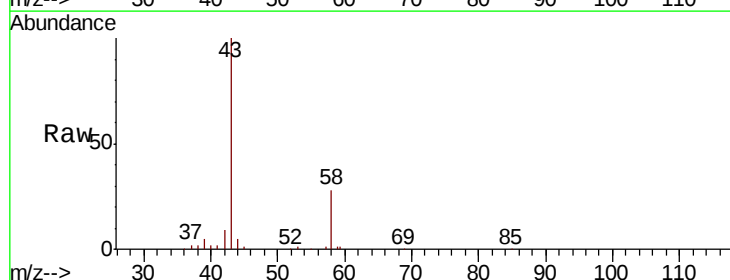
Acq: 13 Feb 2019 21:04

Tgt Ion: 43 Resp: 241141

Ion Ratio Lower Upper

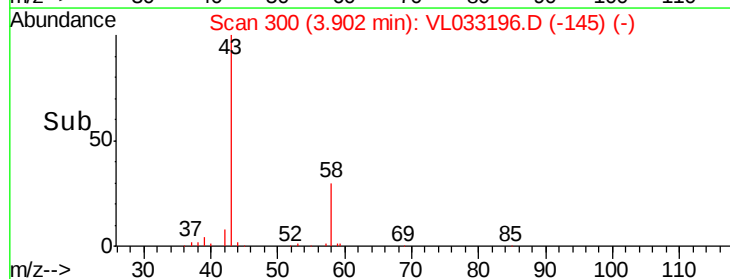
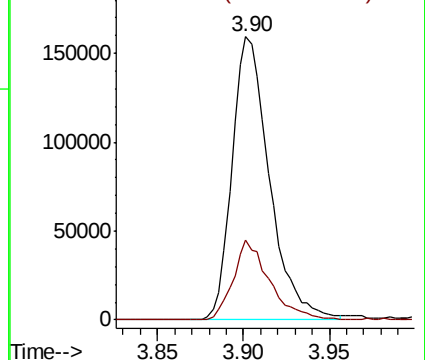
43 100

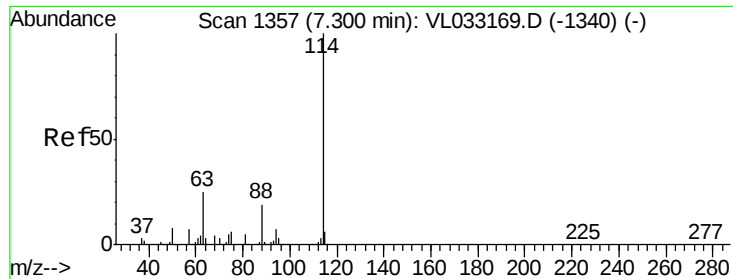
58 27.8 21.1 31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





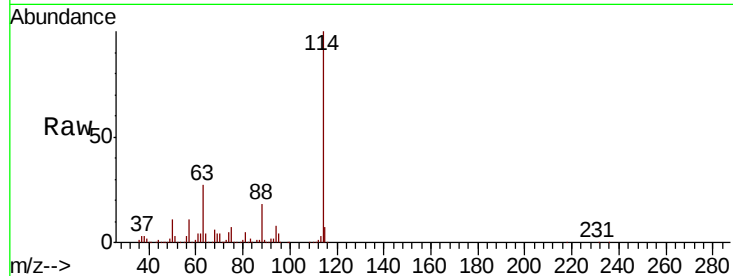
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033196.D
 Acq: 13 Feb 2019 21:04

Instrument :
 MSVOA_L
 ClientSampled :
 AB-SSDL

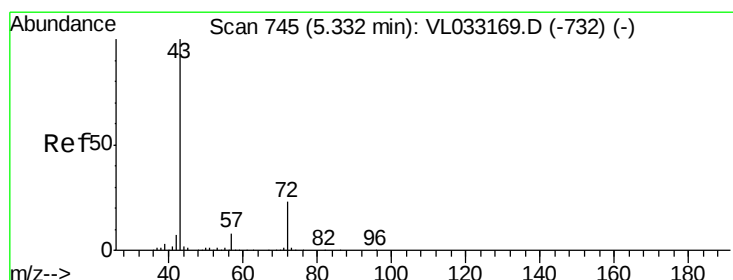
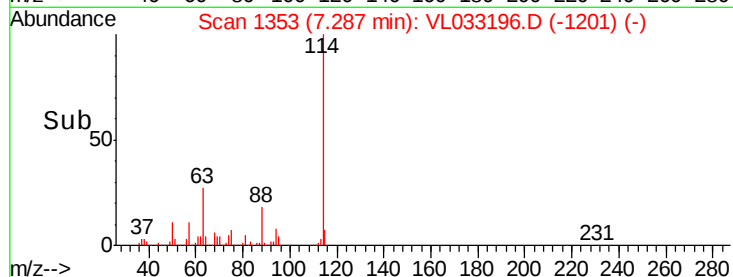
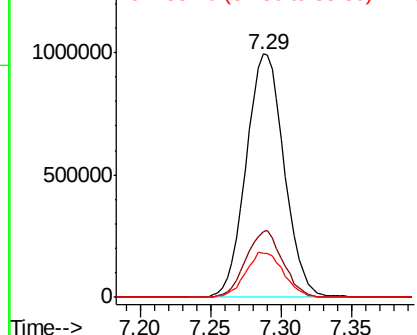
Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.8	20.8	31.2
88	18.5	14.6	22.0

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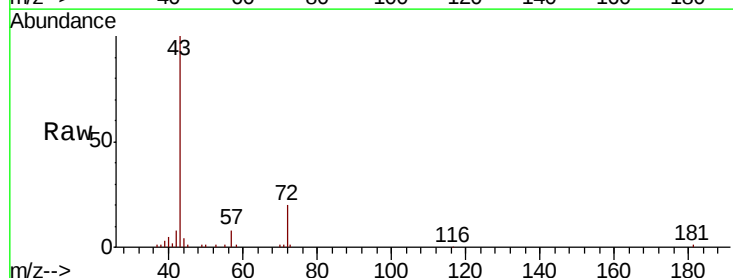


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

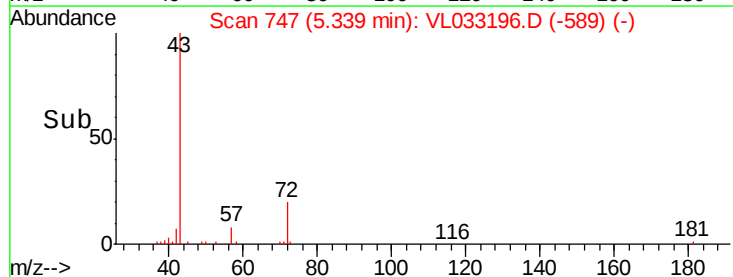
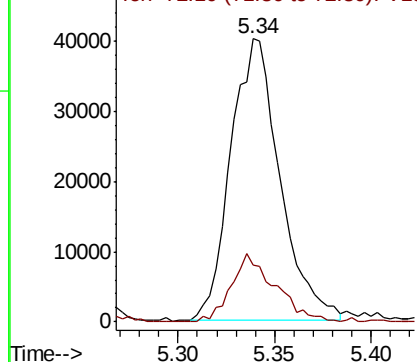


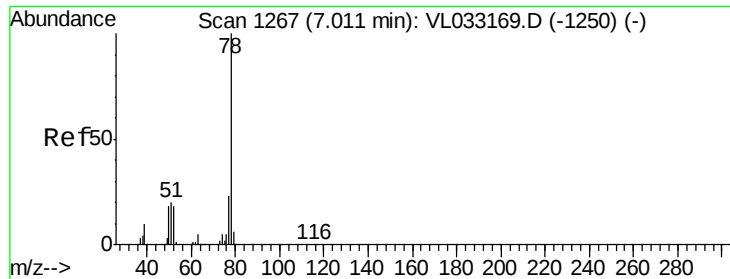
#34
 2-Butanone
 Concen: 0.595 ppbv
 RT: 5.34 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: VL033196.D
 Acq: 13 Feb 2019 21:04

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.8	26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





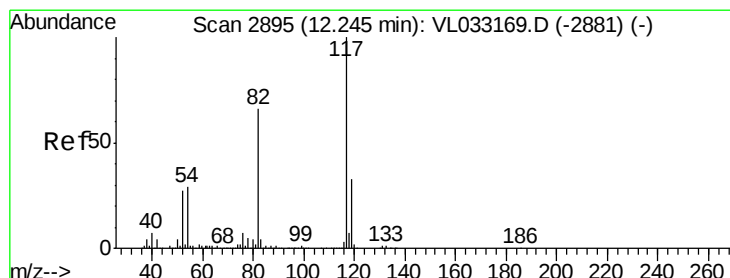
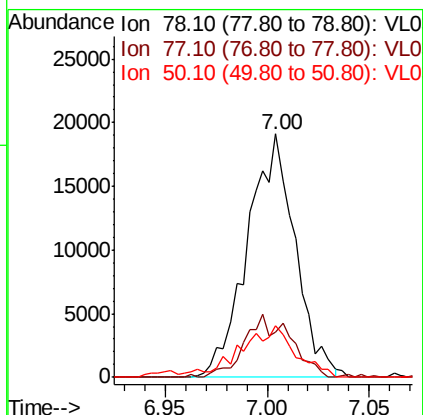
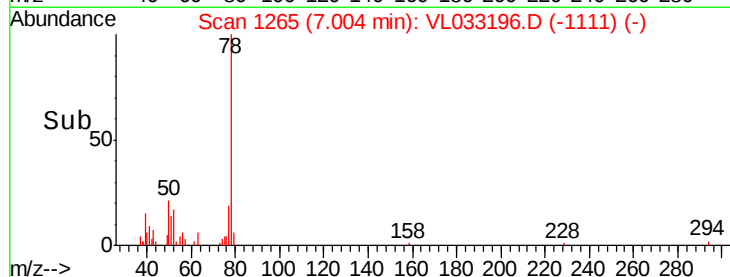
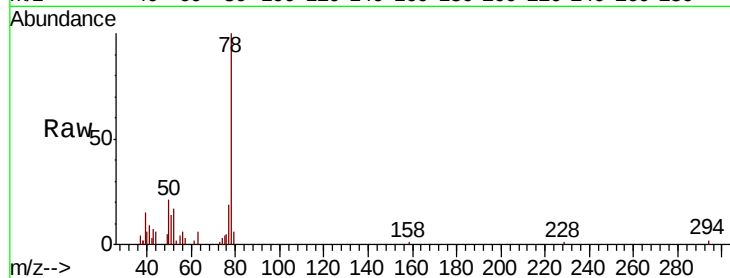
#36
Benzene
Concen: 0.163 ppbv m
RT: 7.00 min Scan# 1265
Delta R.T. -0.01 min
Lab File: VL033196.D
Acq: 13 Feb 2019 21:04

Instrument :
MSVOA_L
ClientSampleId :
AB-SSDL

Tgt Ion	Ratio	Lower	Upper
78	100		
77	18.6	18.0	27.0
50	21.3	14.2	21.2#

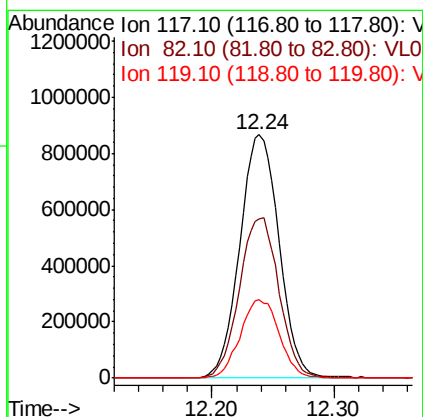
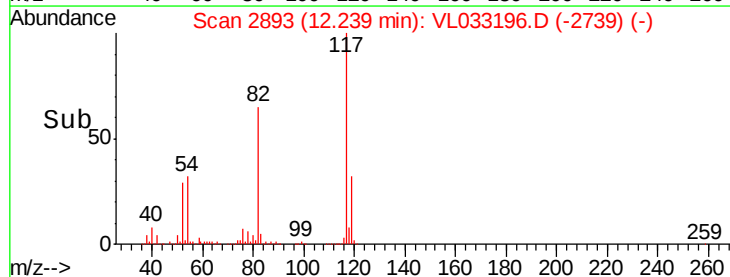
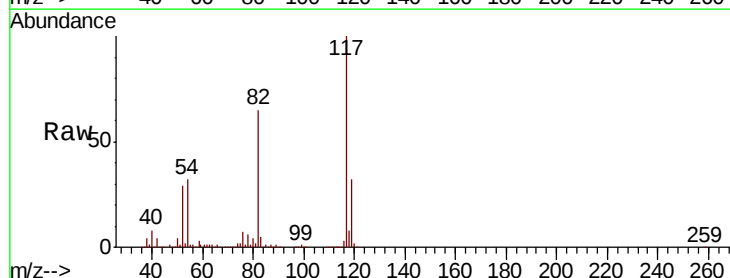
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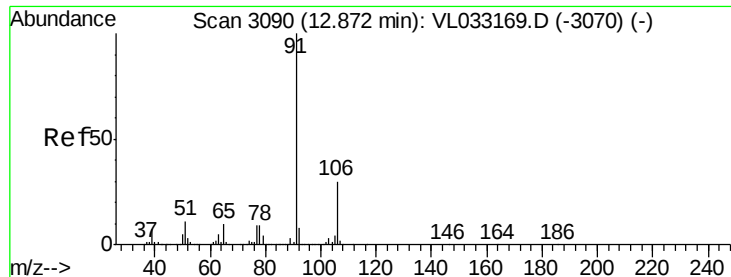
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033196.D
Acq: 13 Feb 2019 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.9	53.8	80.8
119	32.2	46.9	70.3#





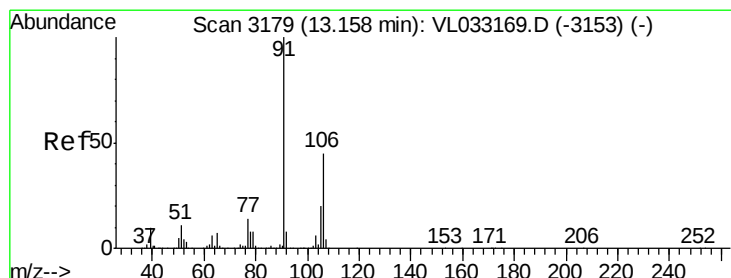
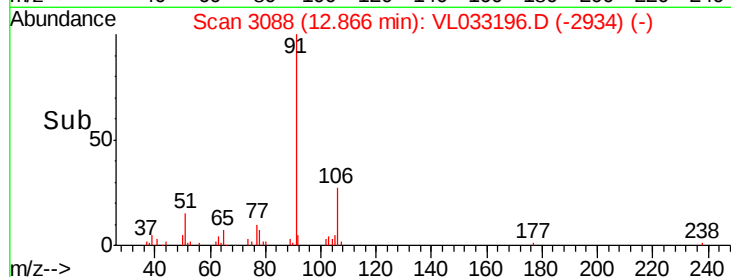
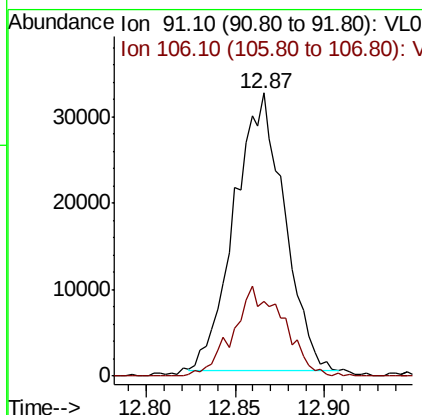
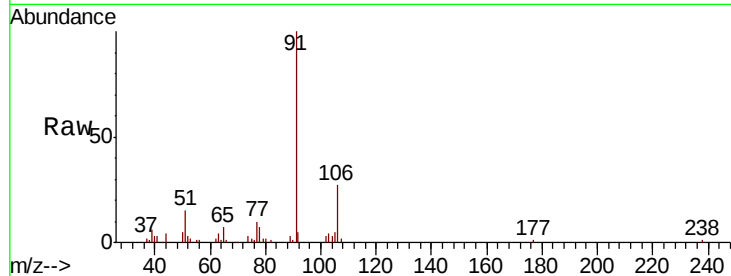
#58
Ethyl Benzene
Concen: 0.199 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL033196.D
Acq: 13 Feb 2019 21:04

Instrument :
MSVOA_L
ClientSampleId :
AB-SSDL

Tgt Ion: 91 Resp: 62742
Ion Ratio Lower Upper
91 100
106 26.4 23.8 35.8

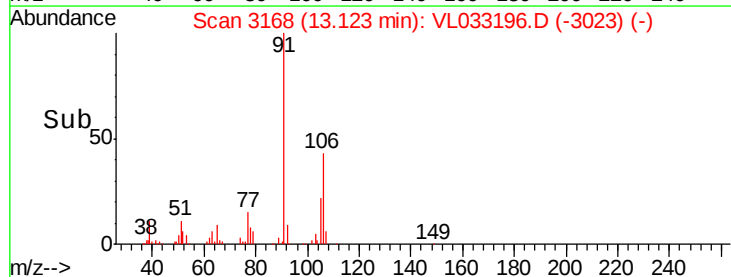
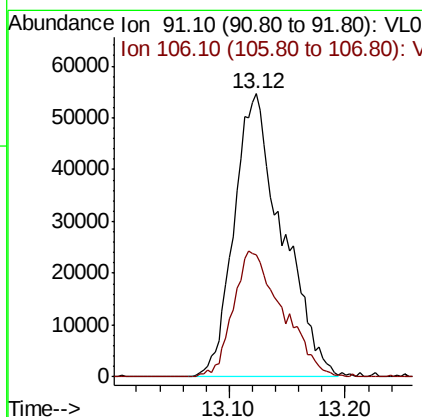
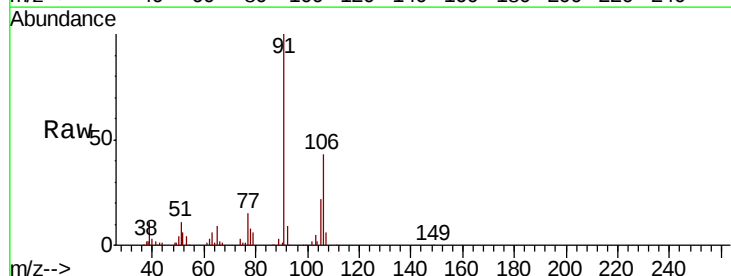
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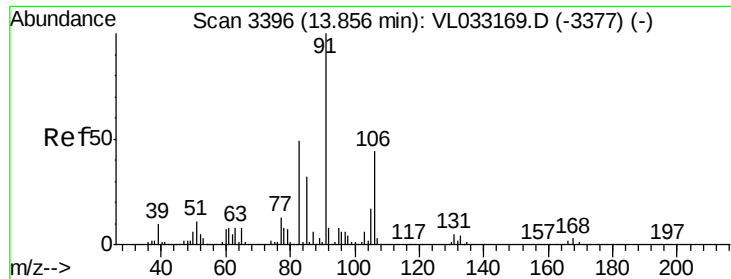
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#59
m/p-Xylene
Concen: 0.600 ppbv
RT: 13.12 min Scan# 3168
Delta R.T. -0.04 min
Lab File: VL033196.D
Acq: 13 Feb 2019 21:04

Tgt Ion: 91 Resp: 157622
Ion Ratio Lower Upper
91 100
106 45.4 36.6 55.0





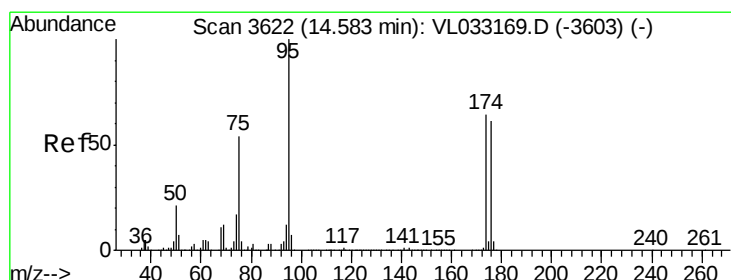
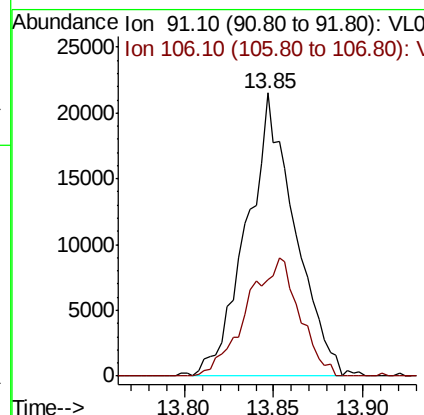
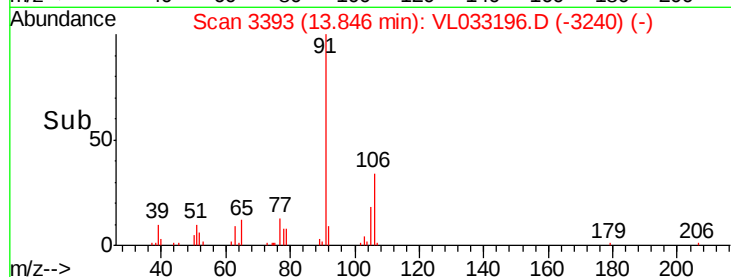
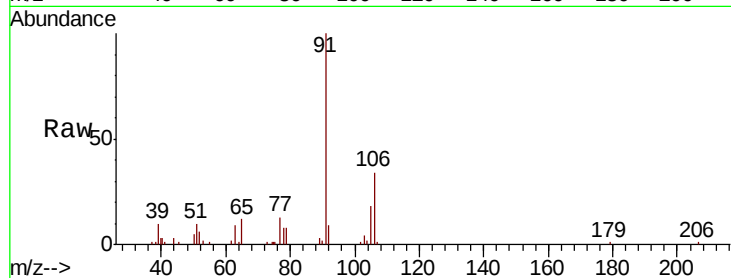
#60
o-Xylene
Concen: 0.158 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL033196.D
Acq: 13 Feb 2019 21:04

Instrument :
MSVOA_L
ClientSampled :
AB-SSDL

Tgt Ion: 91 Resp: 40594
Ion Ratio Lower Upper
91 100
106 45.4 21.8 65.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.238 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033196.D
Acq: 13 Feb 2019 21:04

Tgt Ion: 95 Resp: 1534892
Ion Ratio Lower Upper
95 100
174 63.9 51.1 76.7
175 4.6 3.8 5.6

