

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070819\
 Data File : VL034009.D
 Acq On : 8 Jul 2019 12:40
 Operator : SY/AP
 Sample : VL0708ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0708ABL01

Manual Integrations
 APPROVED

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 7/10/2019 8:49:53 AM

Quant Time: Jul 09 04:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 09
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	991091	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.25	114	2714139	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.20	117	2773568	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2171178	9.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.90	43	19727m	0.118	ppbv	

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

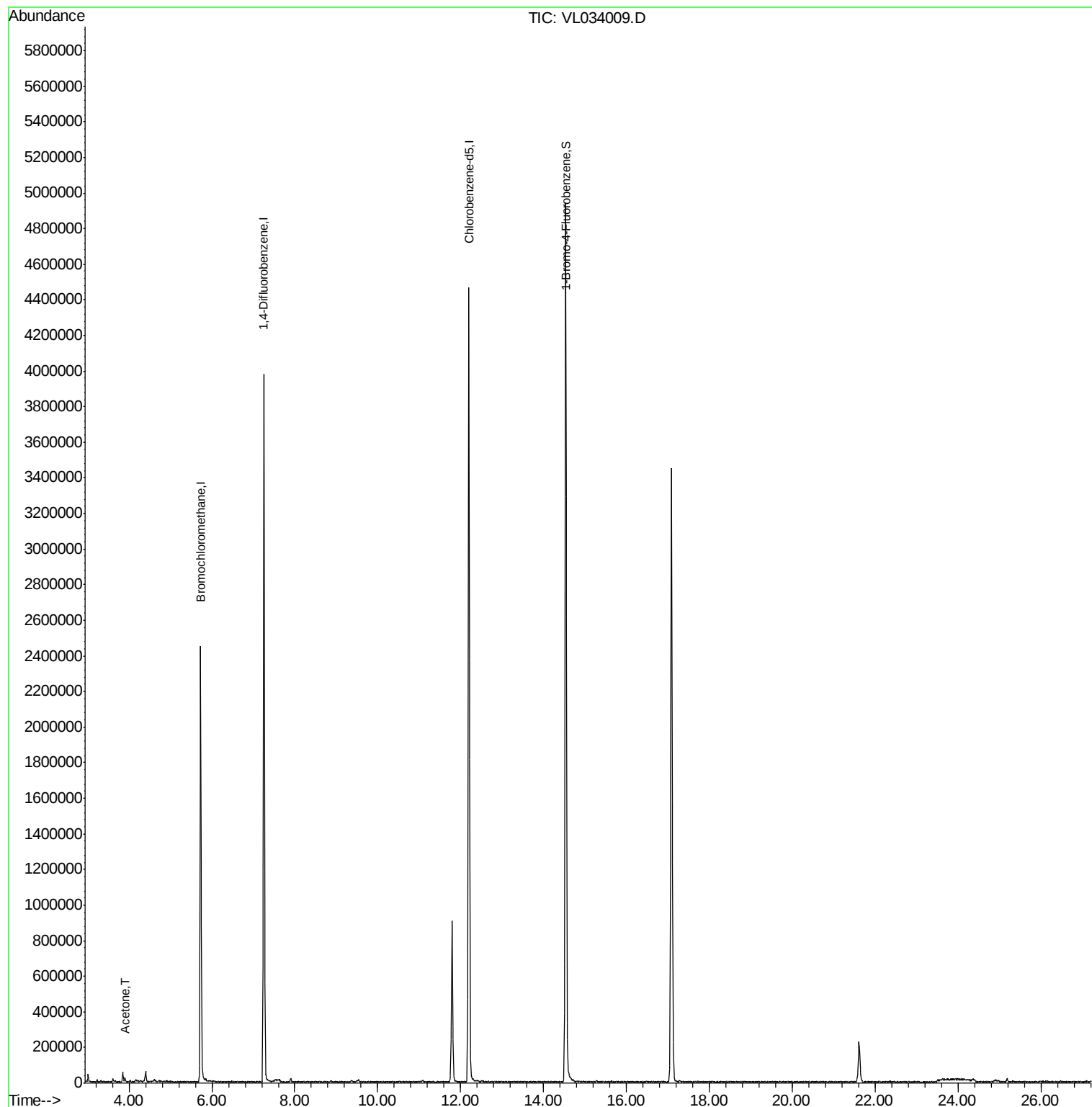
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070819\
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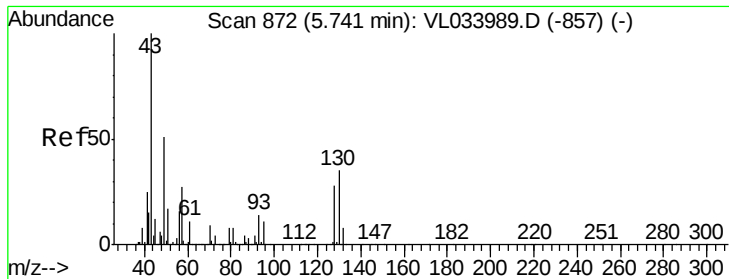
Instrument :
MSVOA_L
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Quant Time: Jul 09 04:07:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 868

Delta R.T. -0.01 min

Lab File: VL034009.D

Acq: 8 Jul 2019 12:40

Instrument :

MSVOA_L

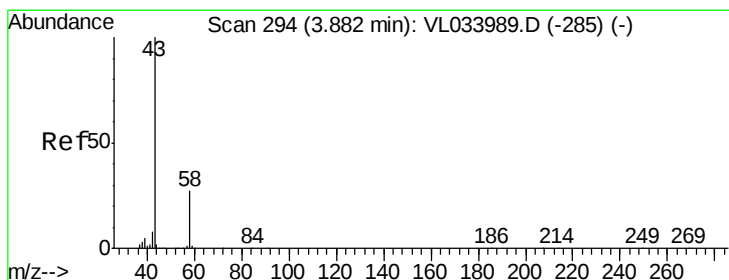
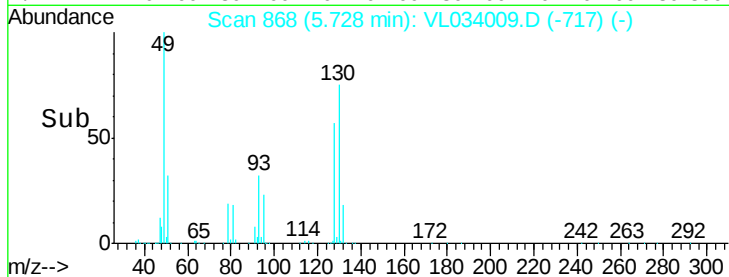
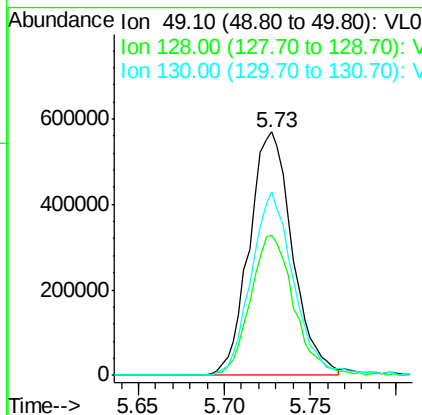
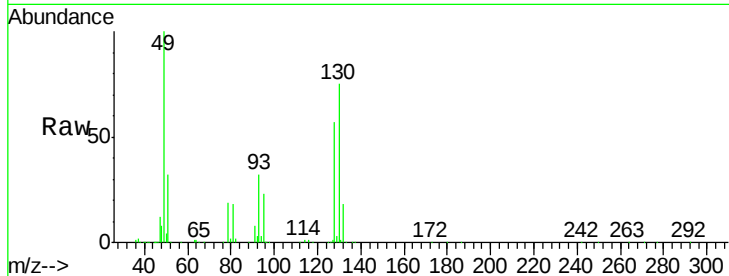
ClientSampleId :

VL0708ABL01

Tot Ion:	49	Resp:	991091
Ion	Ratio	Lower	Upper
49	100		
128	58.2	27.9	83.6
130	74.6	35.8	107.4

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#15

Acetone

Concen: 0.118 ppbv m

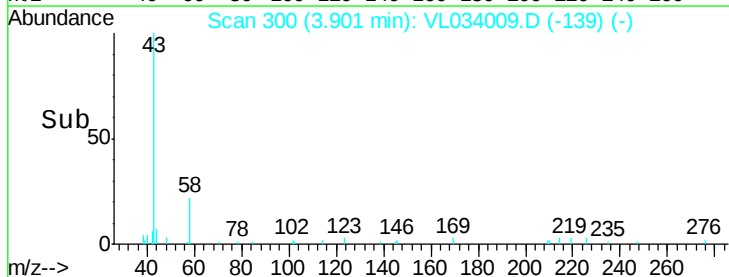
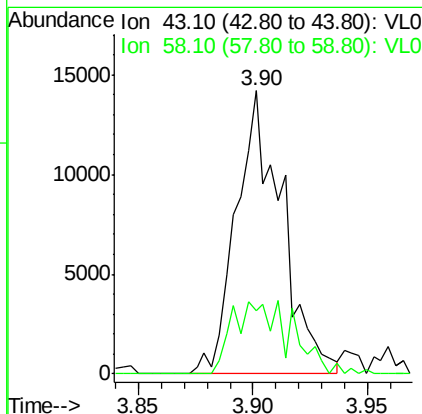
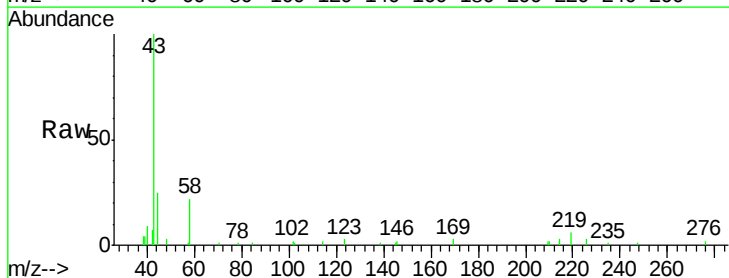
RT: 3.90 min Scan# 300

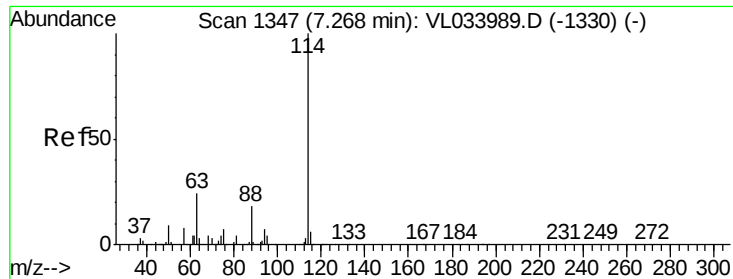
Delta R.T. 0.02 min

Lab File: VL034009.D

Acq: 8 Jul 2019 12:40

Tgt Ion:	43	Resp:	19727
Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.4	32.0#





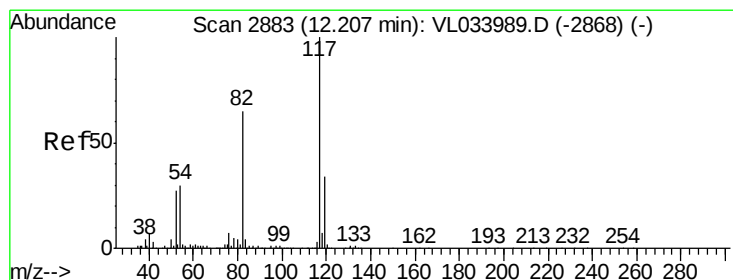
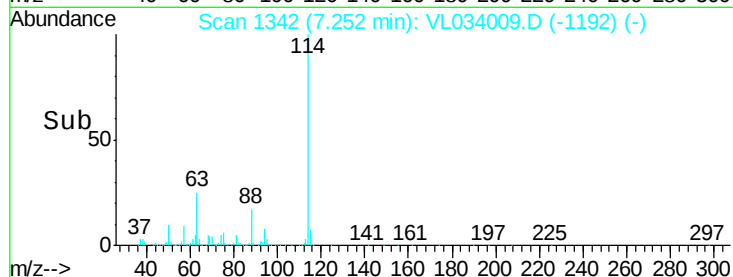
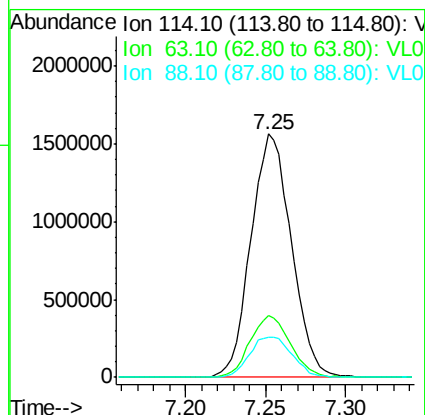
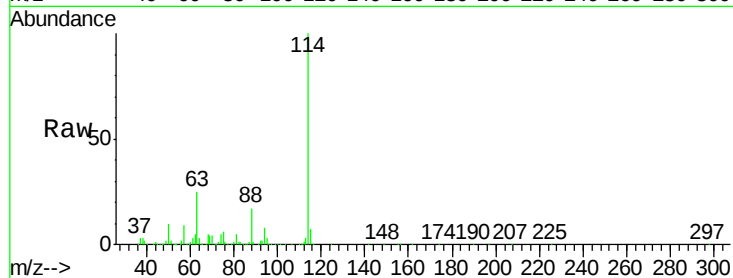
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1342
 Delta R.T. -0.02 min
 Lab File: VL034009.D
 Acq: 8 Jul 2019 12:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0708ABL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.2
88	17.6	14.1	21.1

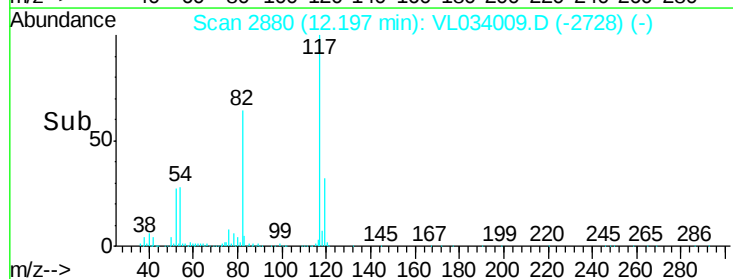
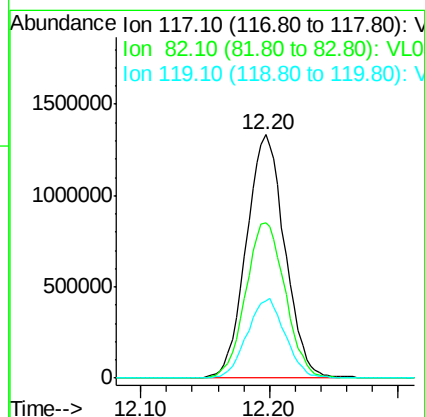
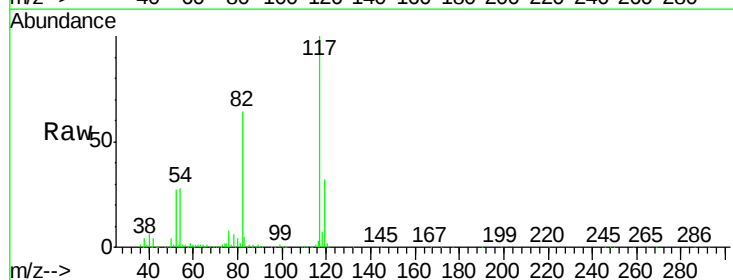
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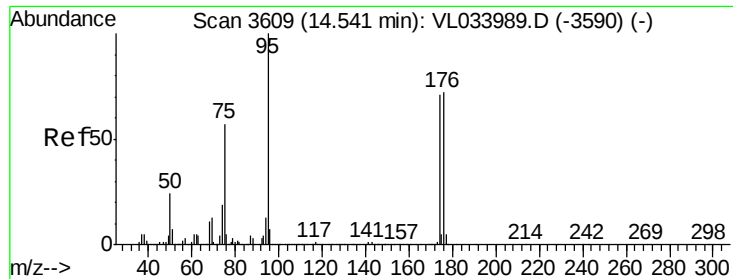
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.20 min Scan# 2880
 Delta R.T. -0.01 min
 Lab File: VL034009.D
 Acq: 8 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.5	50.8	76.2
119	32.6	24.0	36.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.178 ppbv
 RT: 14.53 min Scan# 3606
 Delta R.T. -0.01 min
 Lab File: VL034009.D
 Acq: 8 Jul 2019 12:40

Instrument :
 MSVOA_L
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
95	100		
174	72.5	60.5	90.7
175	5.2	4.0	6.0

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