

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034368.D
 Acq On : 25 Oct 2019 17:40
 Operator : SY/AP
 Sample : QC101719 CAN 10266
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101719 CAN 10266

Manual Integrations
 APPROVED

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 10/31/2019 2:13:11 AM

Quant Time: Oct 27 19:28:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 1
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	916873	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1798643	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	1766420	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1494459	9.99	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds					Qvalue
52) Tetrachloroethene	11.28	164	8647m	0.128	ppbv

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

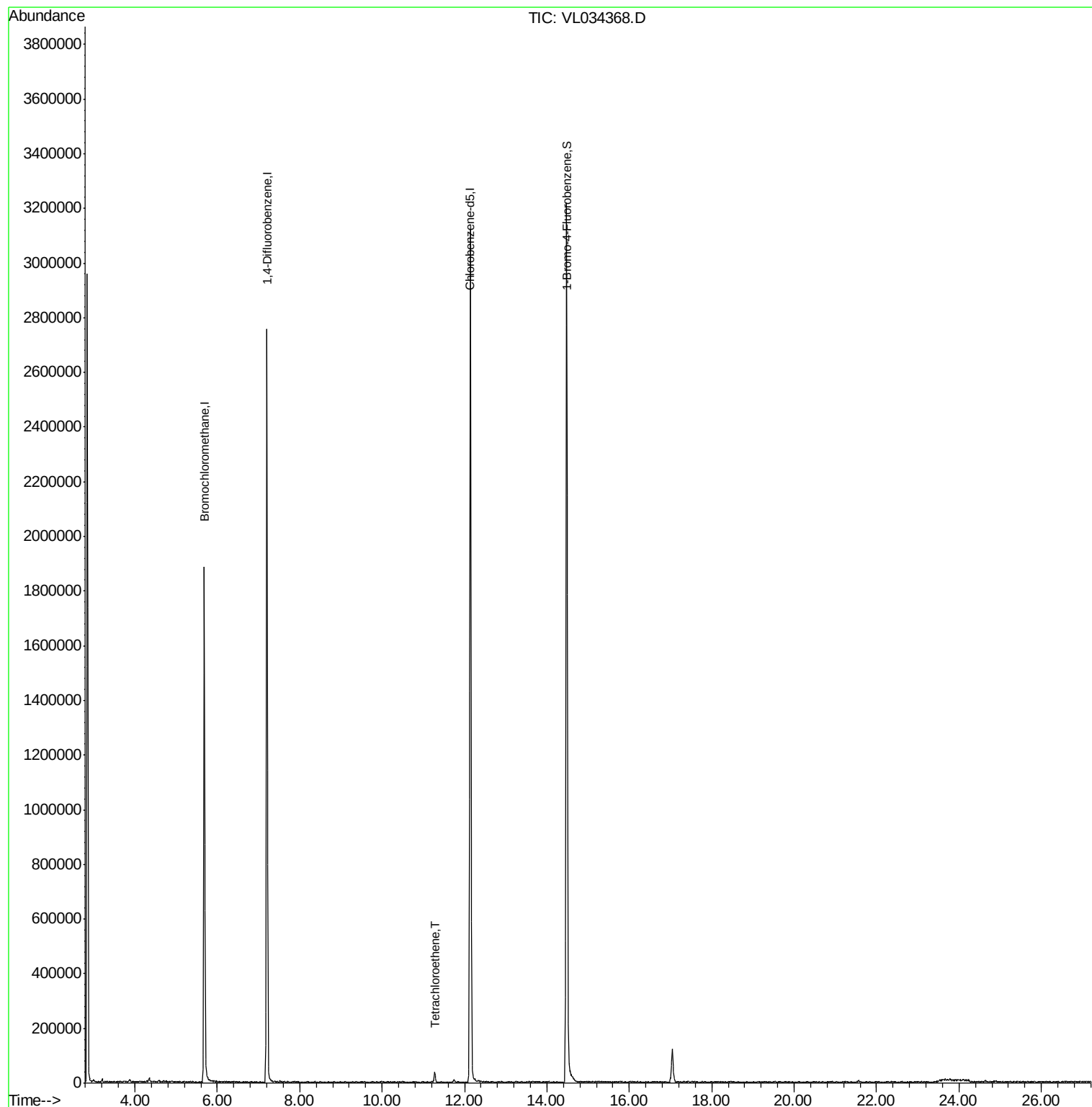
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
Data File : VL034368.D
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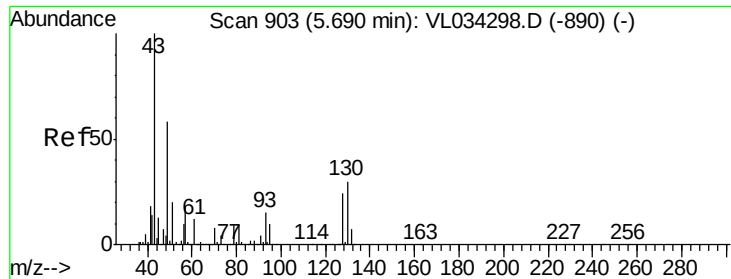
Instrument :
MSVOA_L
ClientSampleId :
QC101719 CAN 10266

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





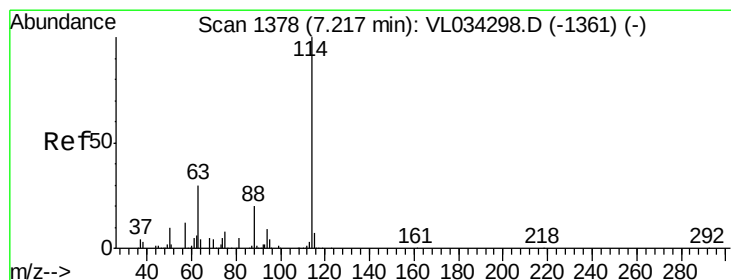
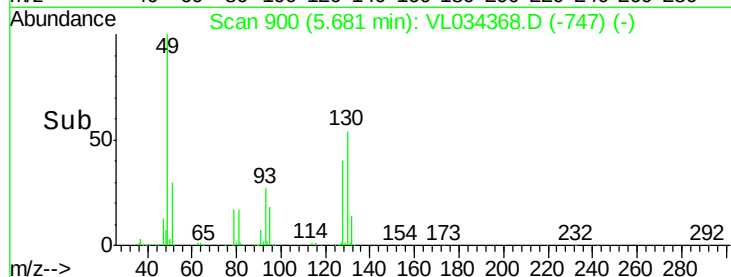
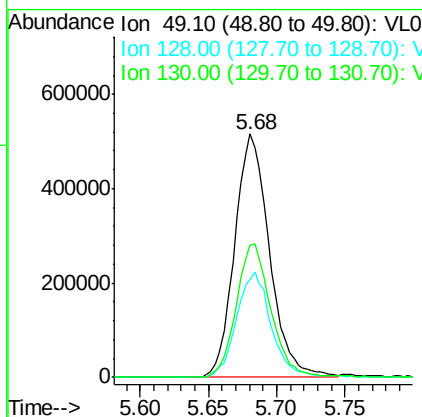
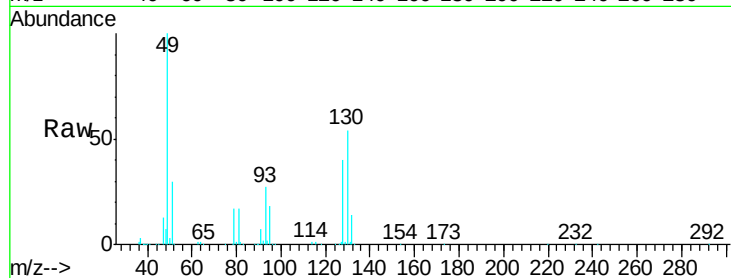
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VL034368.D
 Acq: 25 Oct 2019 17:40

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101719 CAN 10266

Tgt Ion	Ratio	Lower	Upper
49	100		
128	43.2	20.6	61.8
130	54.7	26.2	78.5

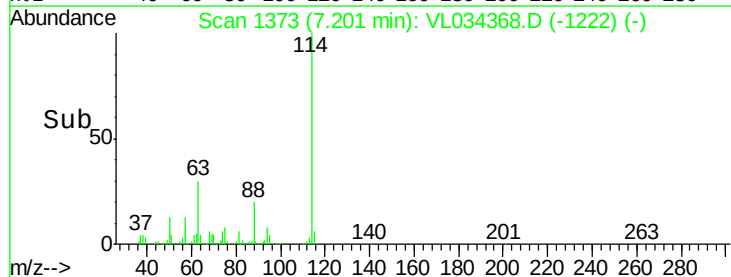
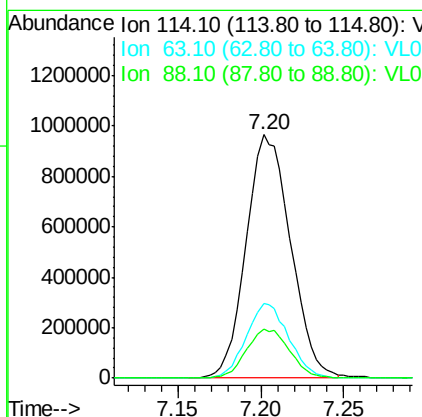
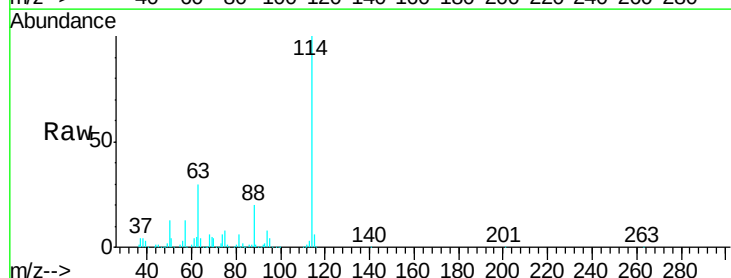
Manual Integrations
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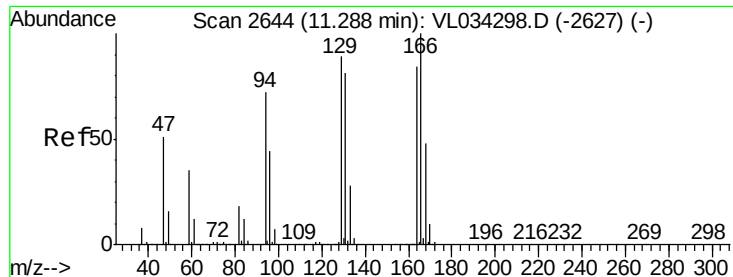
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. -0.02 min
 Lab File: VL034368.D
 Acq: 25 Oct 2019 17:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.4	25.2	37.8
88	19.7	16.0	24.0





#52

Tetrachloroethene

Concen: 0.128 ppbv m

RT: 11.28 min Scan# 2641

Delta R.T. -0.01 min

Lab File: VL034368.D

Acq: 25 Oct 2019 17:40

Instrument :

MSVOA_L

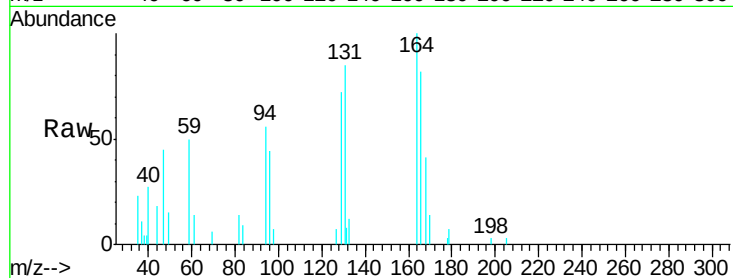
ClientSampleId :

QC101719 CAN 10266

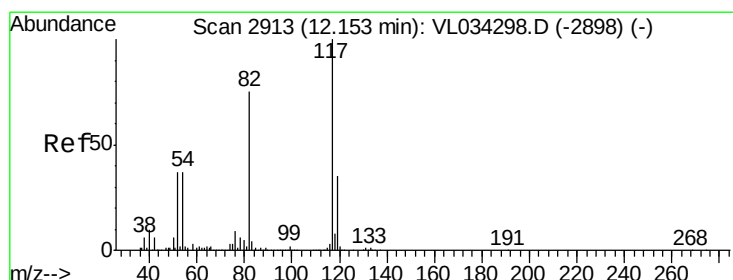
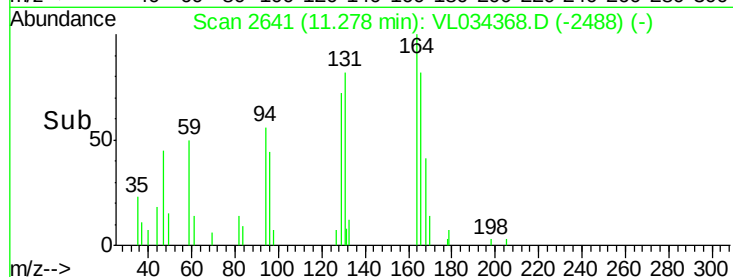
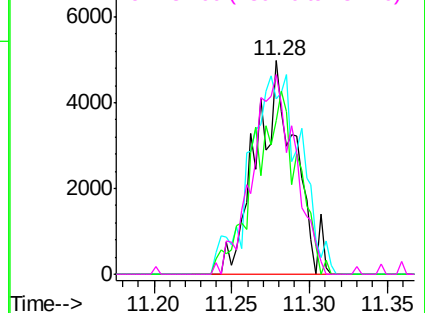
Tgt Ion	Ratio	Lower	Upper
164	100		
166	82.3	95.3	142.9#
129	71.8	84.5	126.7#
131	85.0	77.3	115.9

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Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

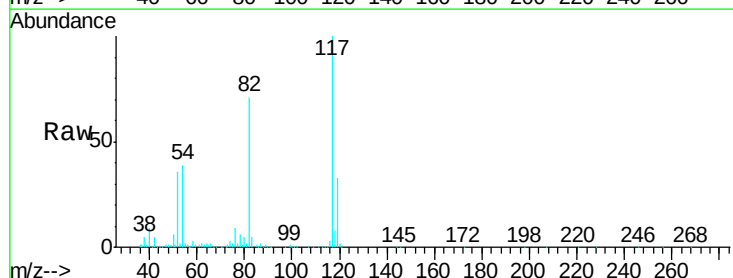
RT: 12.14 min Scan# 2909

Delta R.T. -0.01 min

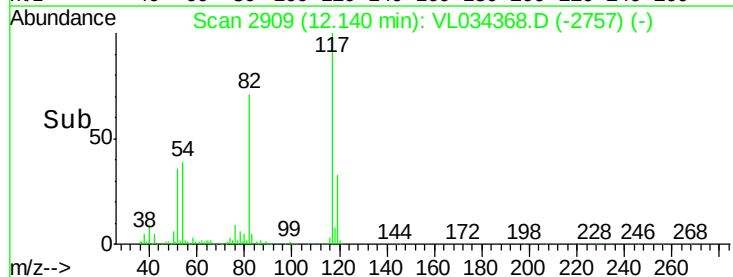
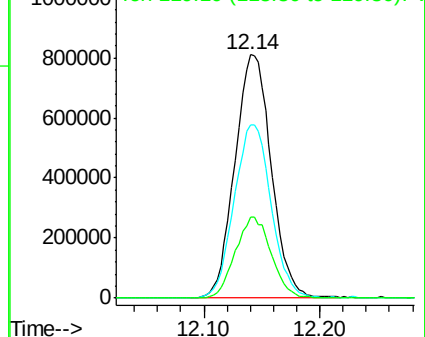
Lab File: VL034368.D

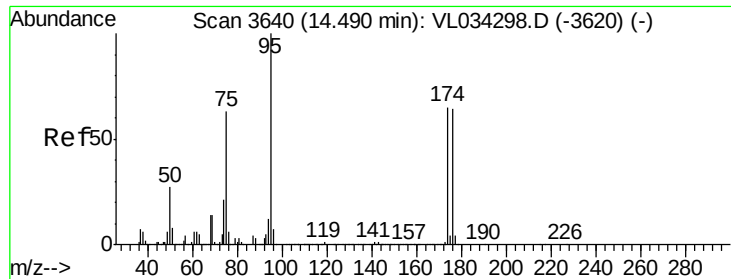
Acq: 25 Oct 2019 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.8	55.5	83.3
119	33.1	26.5	39.7



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.989 ppbv
 RT: 14.48 min Scan# 3636
 Delta R.T. -0.01 min
 Lab File: VL034368.D
 Acq: 25 Oct 2019 17:40

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101719 CAN 10266

Tgt Ion: 95 Resp: 1494459
 Ion Ratio Lower Upper
 95 100
 174 66.2 52.6 78.8
 175 4.8 3.8 5.6

Manual Integrations
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