

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101619\
 Data File : VL034313.D
 Acq On : 17 Oct 2019 1:19
 Operator : SY/AP
 Sample : K5111-13 0.03 PPB LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2019

Manual Integrations
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Quant Time: Oct 17 07:11:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 2019
 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	5.70	49	1015078	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1911074	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1923692	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	1671889	10.26	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	2307m	0.034	ppbv	

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

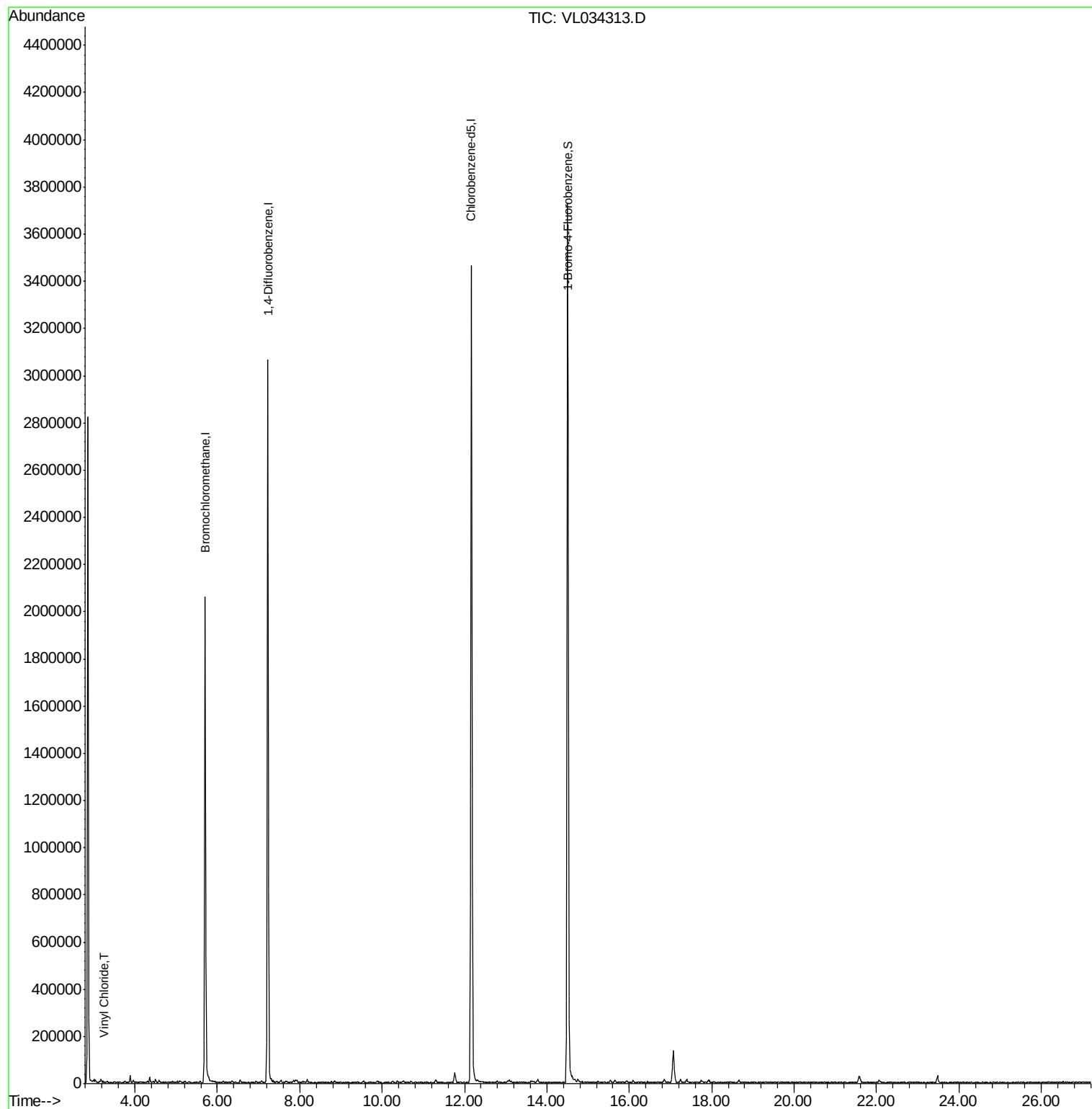
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101619\
Data File : VL034313.D
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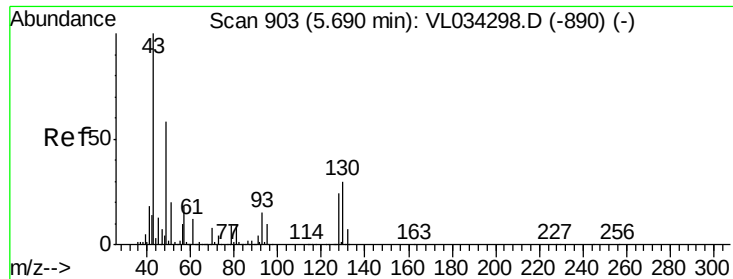
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2019

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Quant Time: Oct 17 07:11:01 2019
Quant Method : Z:\V0ASRV\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: 5.70 min Scan# 906

Delta R.T. 0.01 min

Lab File: VL034313.D

Acq: 17 Oct 2019 1:19

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2019

Tot Ion: 49 Resp: 1015078

Ion Ratio Lower Upper

49 100

128 40.8 20.6 61.8

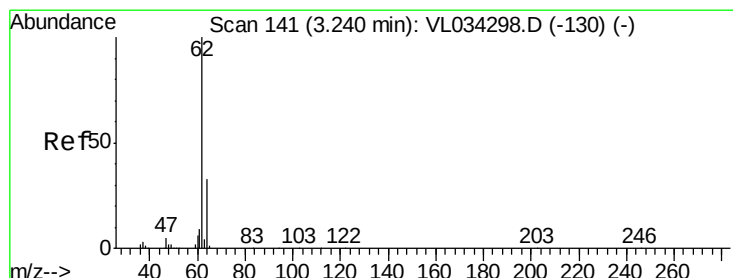
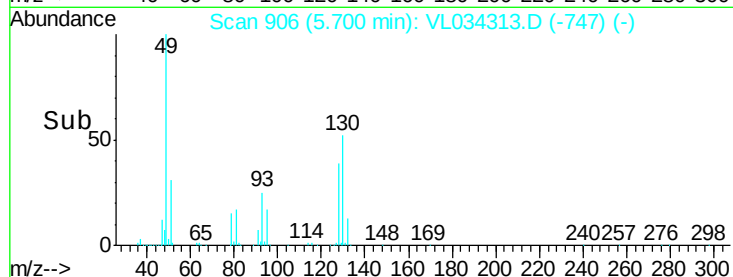
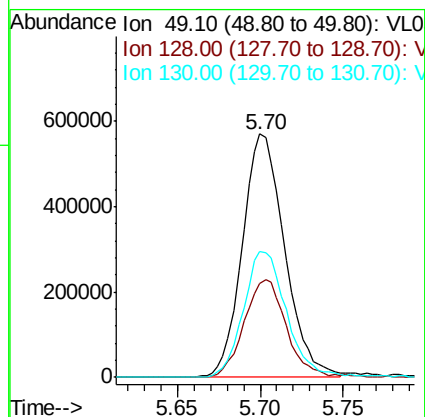
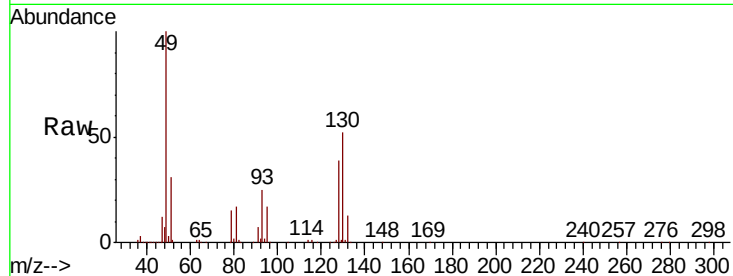
130 53.6 26.2 78.5

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#5

Vinyl Chloride

Concen: 0.034 ppbv m

RT: 3.25 min Scan# 145

Delta R.T. 0.01 min

Lab File: VL034313.D

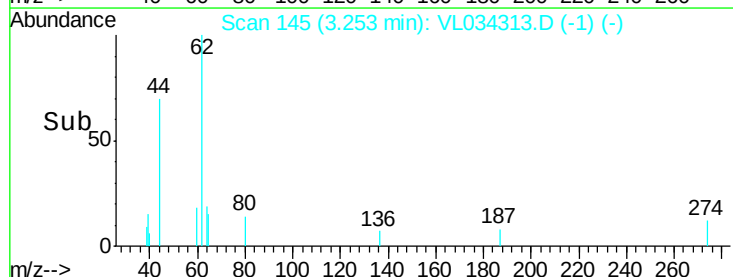
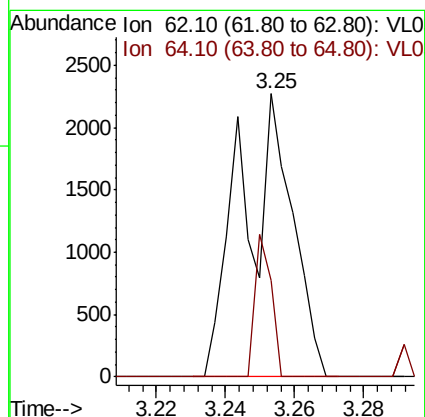
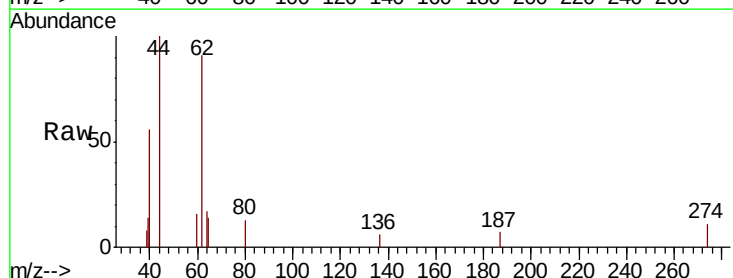
Acq: 17 Oct 2019 1:19

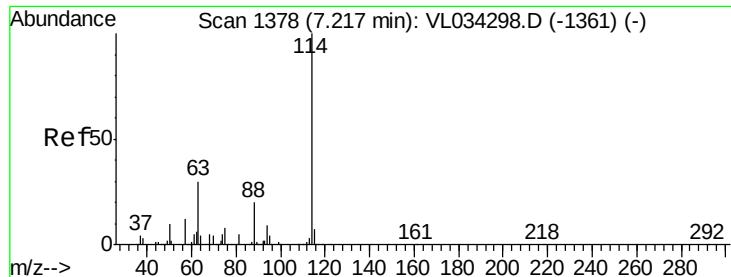
Tgt Ion: 62 Resp: 2307

Ion Ratio Lower Upper

62 100

64 19.0 26.0 39.0#





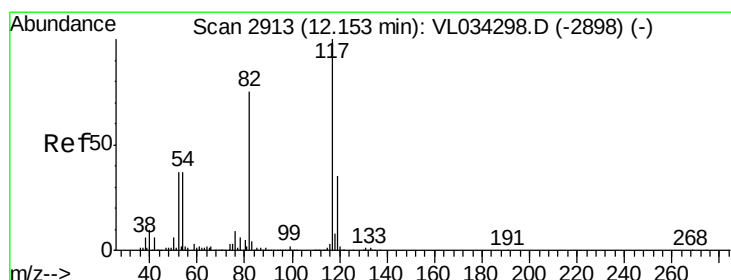
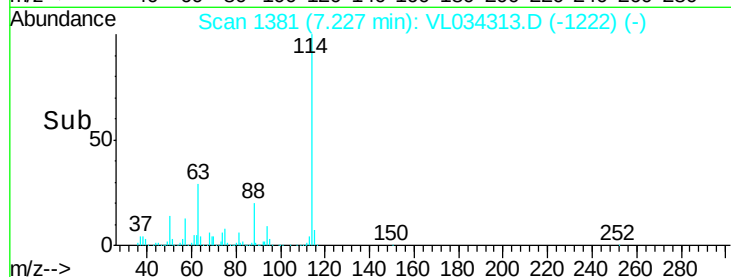
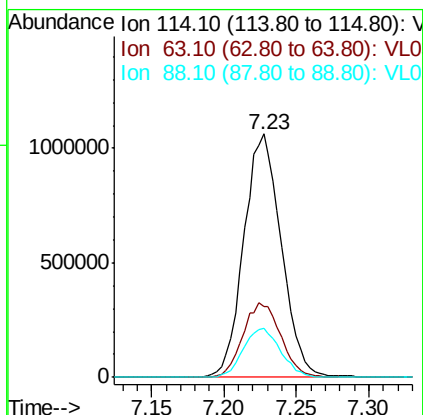
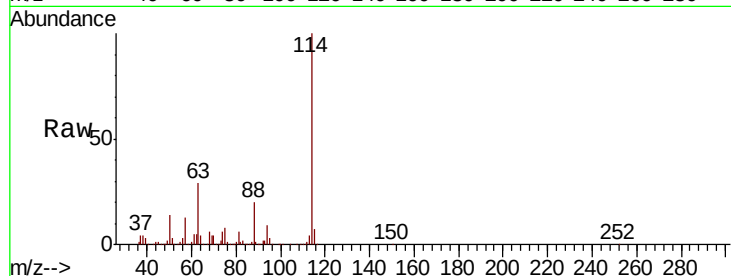
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.23 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: VL034313.D
 Acq: 17 Oct 2019 1:19

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
114	100		
63	31.1	25.2	37.8
88	20.2	16.0	24.0

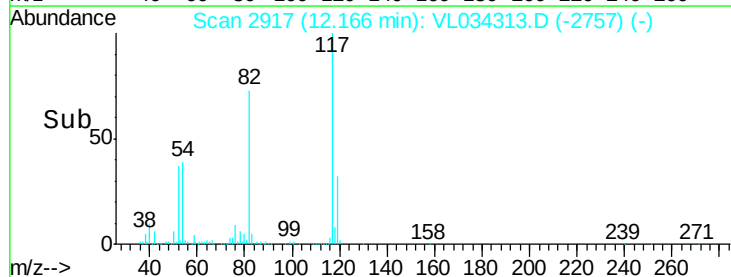
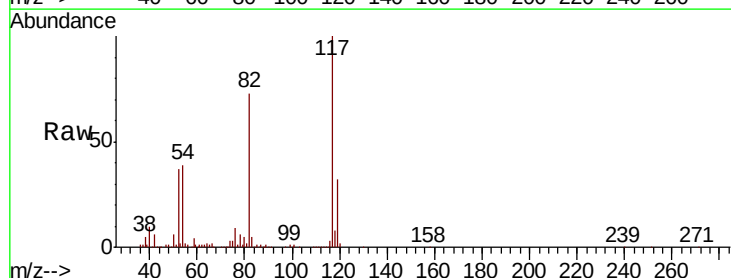
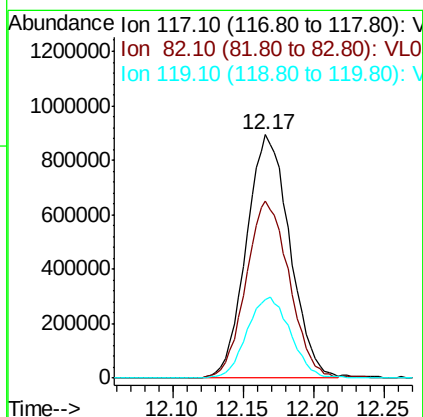
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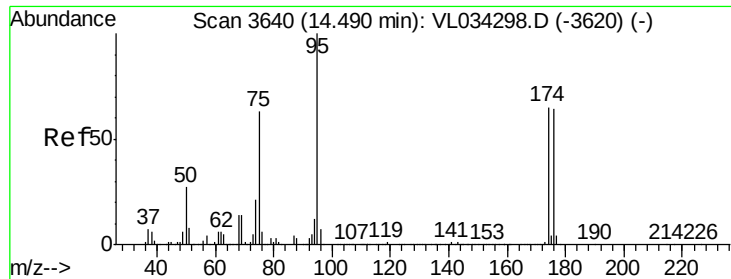
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.17 min Scan# 2917
 Delta R.T. 0.01 min
 Lab File: VL034313.D
 Acq: 17 Oct 2019 1:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	73.2	55.5	83.3
119	33.5	26.5	39.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.262 ppbv
 RT: 14.51 min Scan# 3645
 Delta R.T. 0.02 min
 Lab File: VL034313.D
 Acq: 17 Oct 2019 1:19

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2019

Tot Ion: 95 Resp: 1671889
 Ion Ratio Lower Upper
 95 100
 174 64.5 52.6 78.8
 175 4.5 3.8 5.6

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