

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
 Data File : VL033105.D
 Acq On : 16 Jan 2019 23:55
 Operator : SY/AP
 Sample : CAN 10314
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10314

Manual Integrations
 APPROVED

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 1/17/2019 3:16:43 PM

Quant Time: Jan 17 09:43:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 0
 QLast Update : Fri Jan 04 16:09:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	968984	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2285624	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2028538	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1548947	9.96	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.40	84	32580m	0.583	ppbv	

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

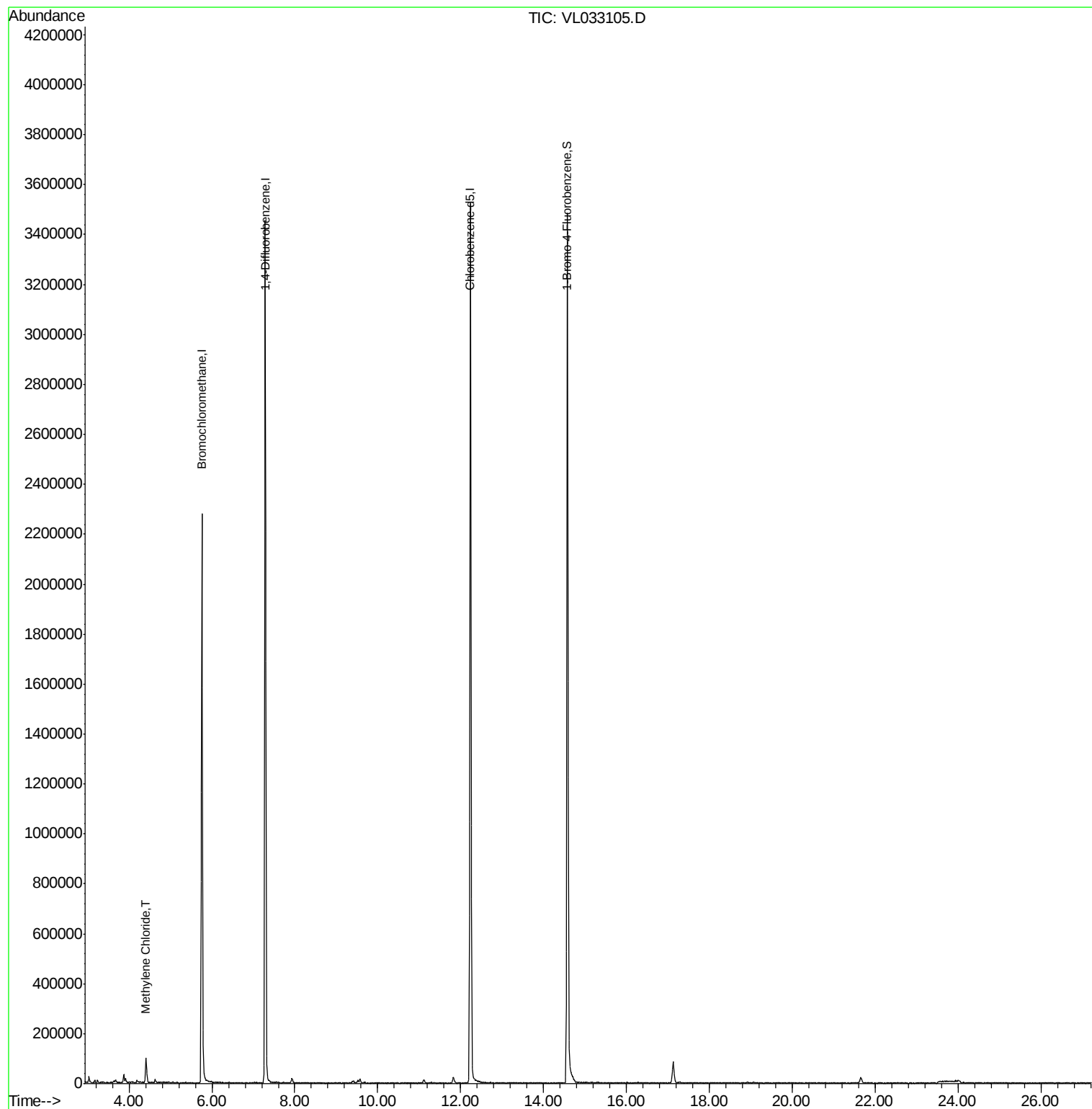
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
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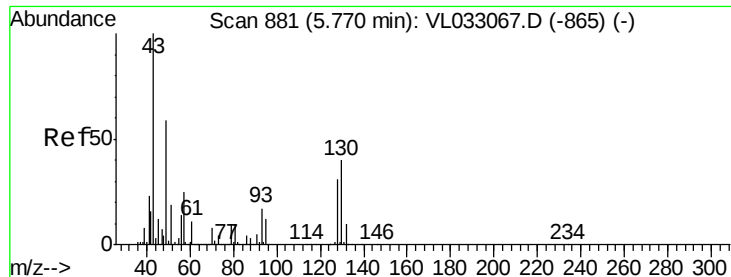
Instrument :
MSVOA_L
ClientSampleId :
CAN 10314

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#1

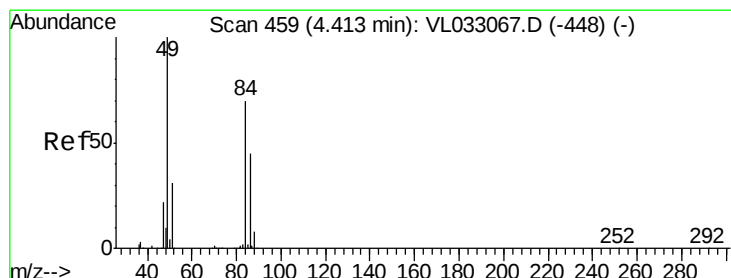
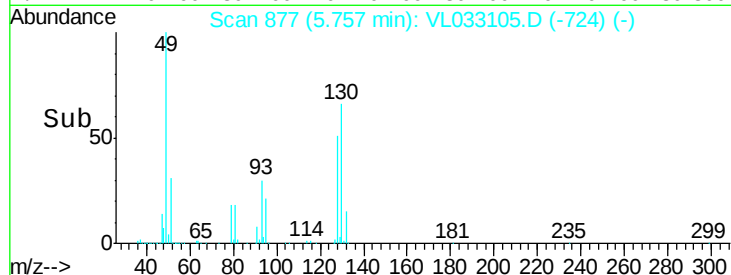
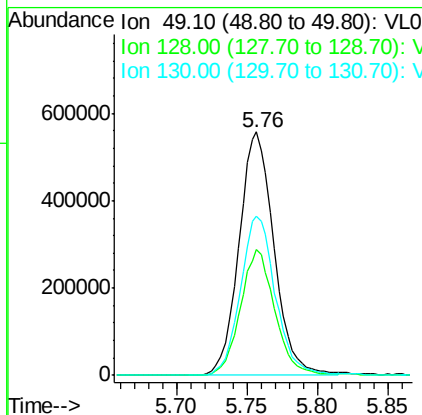
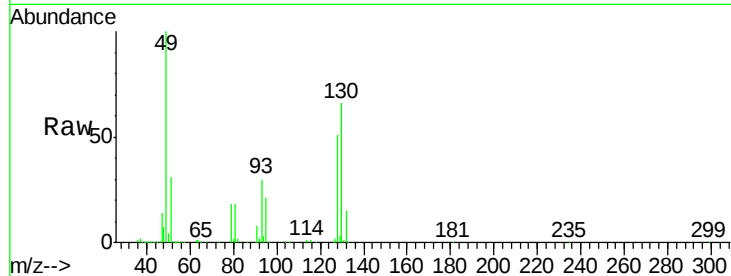
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: VL033105.D
 Acq: 16 Jan 2019 23:55

Instrument :
 MSVOA_L
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 CAN 10314

Tot Ion	Ratio	Lower	Upper
49	100		
128	51.3	26.2	78.5
130	65.9	33.6	100.6

Manual Integrations
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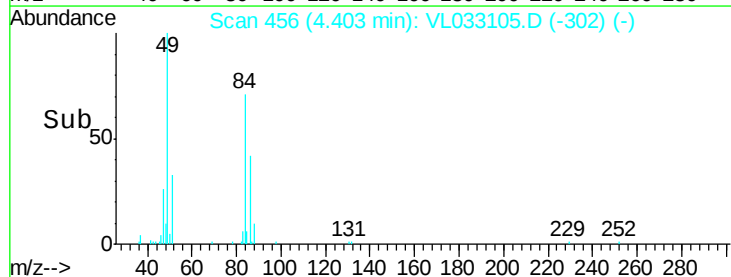
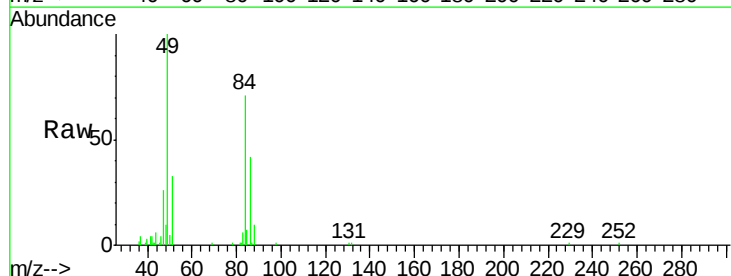
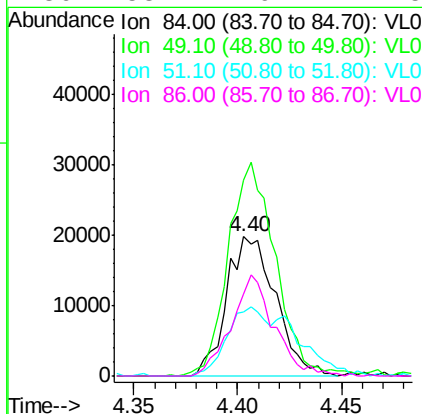
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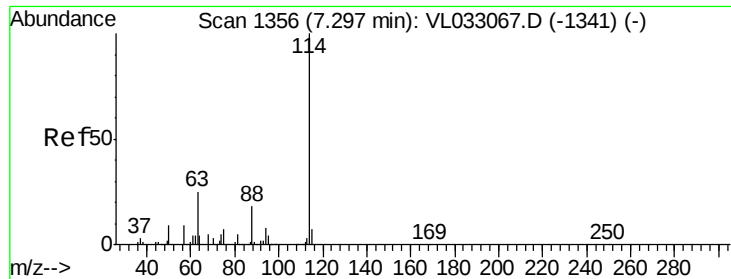


#20

Methylene Chloride
 Concen: 0.583 ppbv m
 RT: 4.40 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VL033105.D
 Acq: 16 Jan 2019 23:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.9	115.8	173.6
51	46.5	35.7	53.5
86	58.7	49.7	74.5





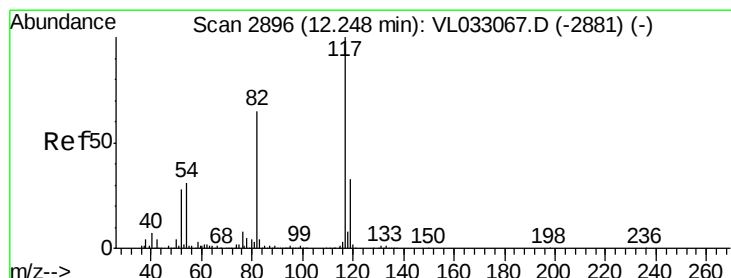
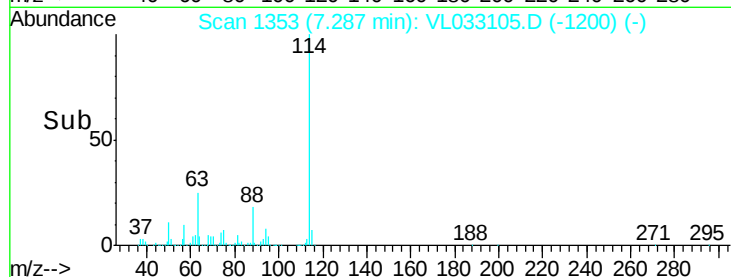
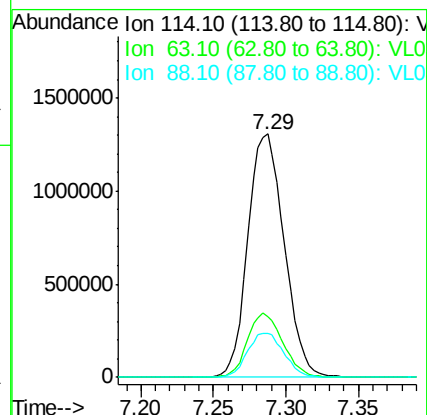
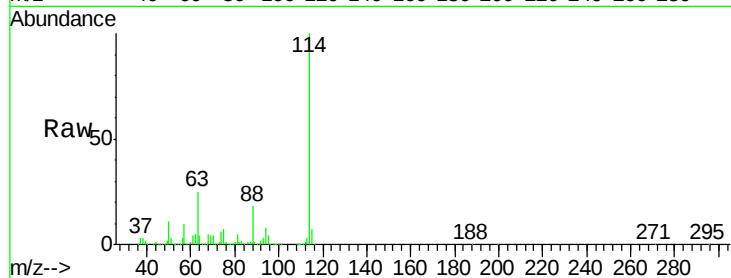
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033105.D
 Acq: 16 Jan 2019 23:55

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10314

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.1	30.1
88	18.2	14.0	21.0

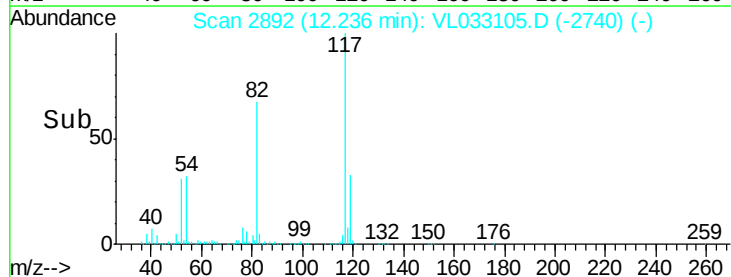
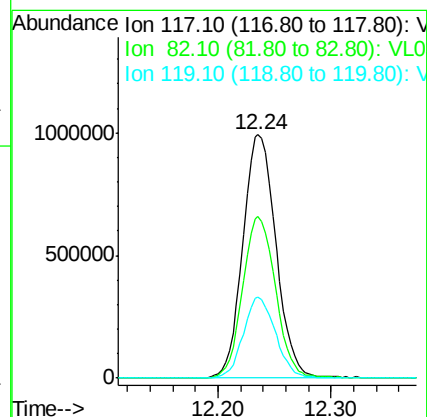
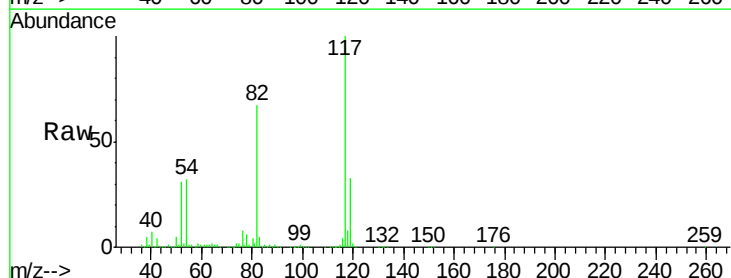
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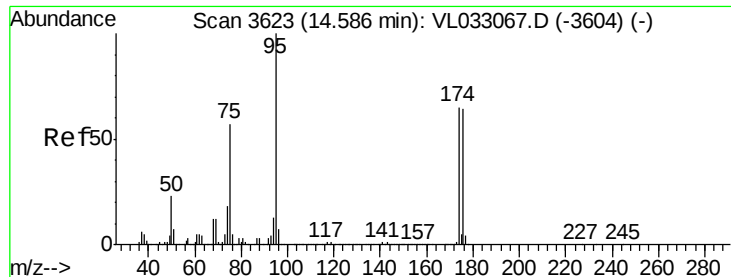
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.24 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: VL033105.D
 Acq: 16 Jan 2019 23:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.5	48.9	73.3
119	32.7	24.6	37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.961 ppbv
 RT: 14.57 min Scan# 3619
 Delta R.T. -0.01 min
 Lab File: VL033105.D
 Acq: 16 Jan 2019 23:55

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10314

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.5	51.9	77.9
175	4.7	3.9	5.9

Manual Integrations
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