

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121118\
 Data File : VL032971.D
 Acq On : 12 Dec 2018 1:54
 Operator : SY/AP
 Sample : J6338-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 7:58:52 AM

Quant Time: Dec 12 02:33:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1133580	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2941506	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2898292	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2063948	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.41	84	14065m	0.296	ppbv	

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

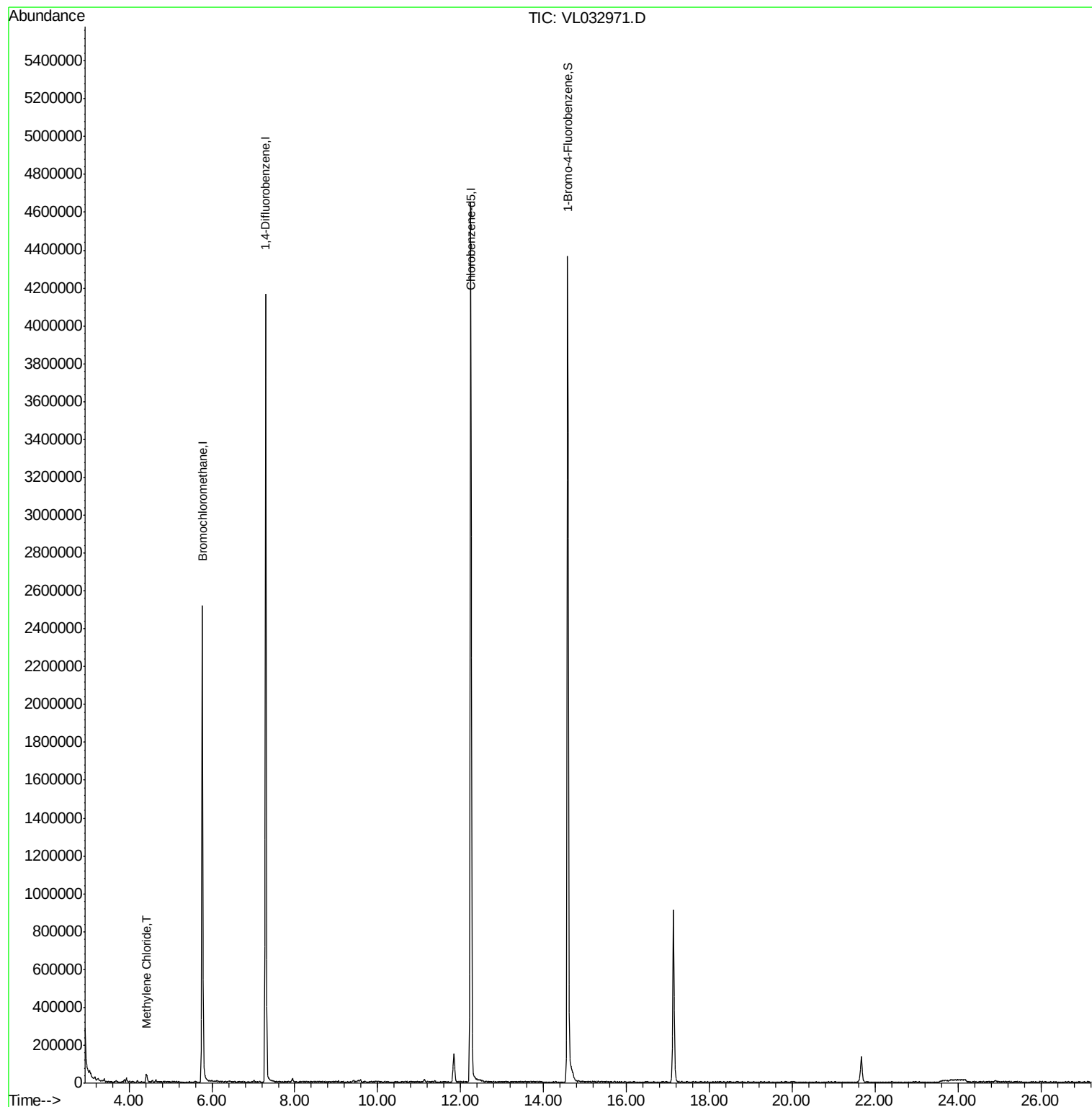
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121118\
Data File : VL032971.D
Acq On : 12 Dec 2018 1:54
Operator : SY/AP
Sample : J6338-04DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

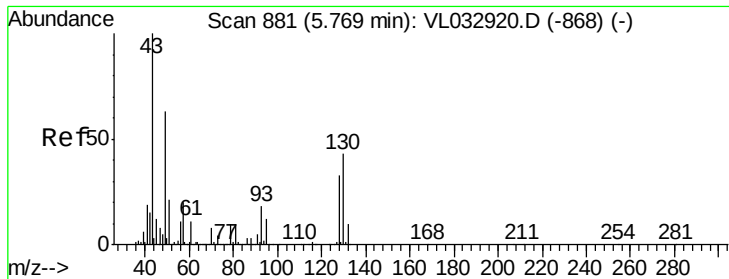
Instrument :
MSVOA_L
ClientSampleId :
QA1DL

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Quant Time: Dec 12 02:33:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL032971.D

Acq: 12 Dec 2018 1:54

Instrument :

MSVOA_L

ClientSampled :

QA1DL

Tot Ion: 49 Resp: 1133580

Ion Ratio Lower Upper

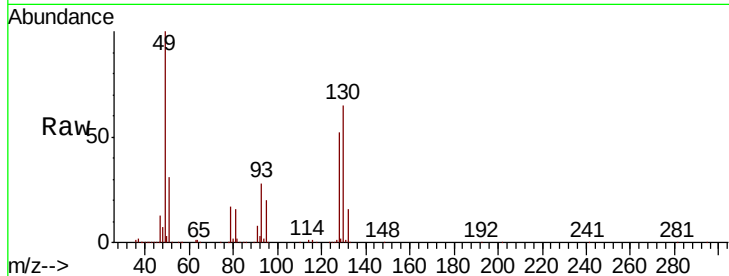
49 100

128 53.0 26.3 78.8

130 66.8 33.9 101.7

Manual Integrations
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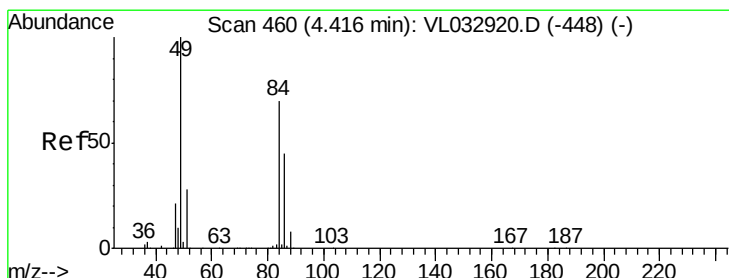
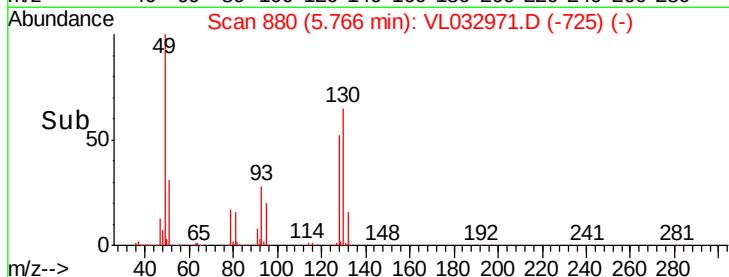
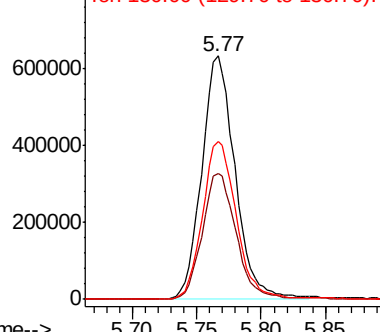


Abundance

Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#20

Methylene Chloride

Concen: 0.296 ppbv m

RT: 4.41 min Scan# 459

Delta R.T. -0.00 min

Lab File: VL032971.D

Acq: 12 Dec 2018 1:54

Tgt Ion: 84 Resp: 14065

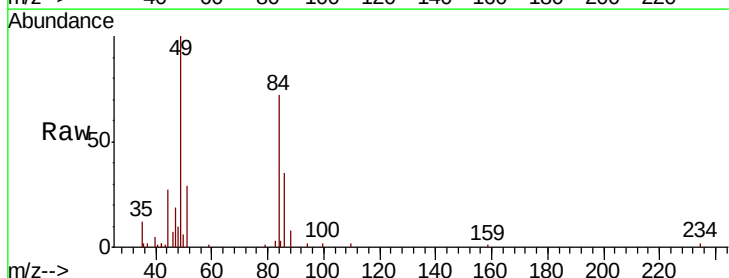
Ion Ratio Lower Upper

84 100

49 138.5 113.8 170.8

51 40.6 31.8 47.8

86 48.5 50.8 76.2#



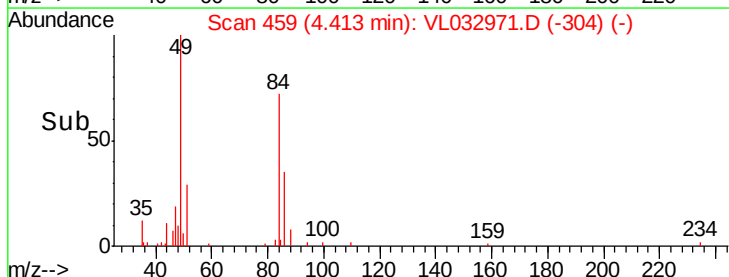
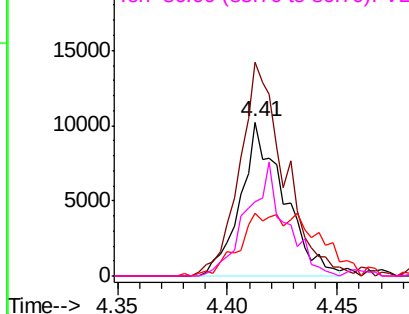
Abundance

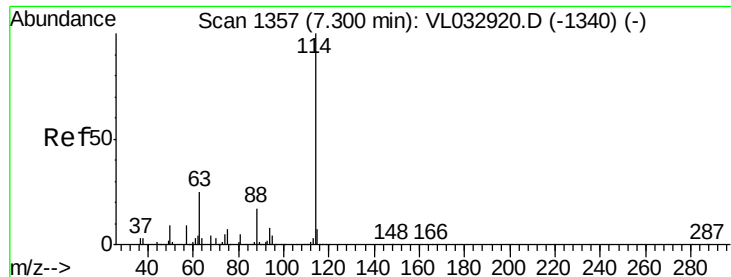
Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





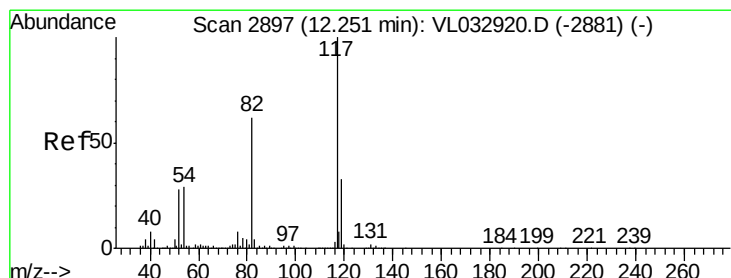
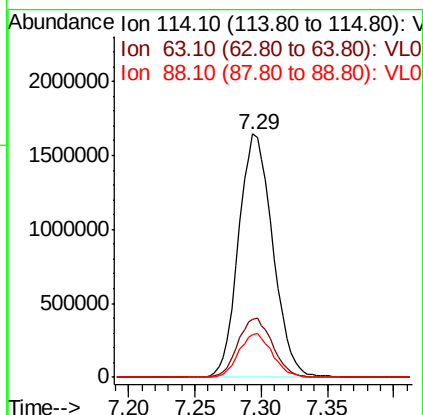
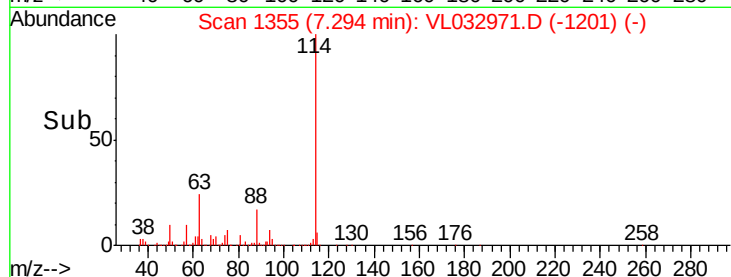
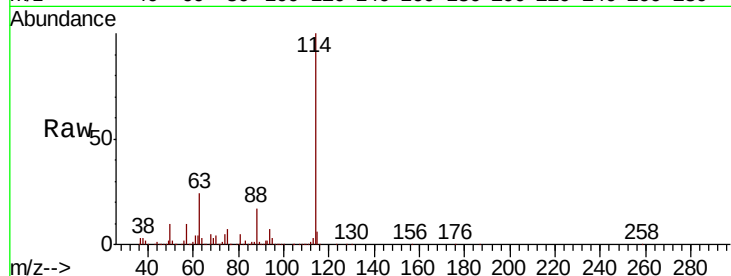
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032971.D
 Acq: 12 Dec 2018 1:54

Instrument :
 MSVOA_L
 ClientSampleId :
 QA1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.1	30.1
88	17.7	14.2	21.4

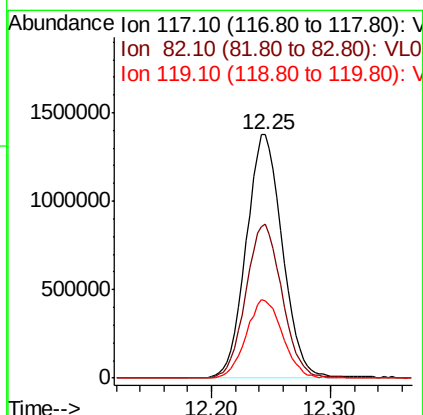
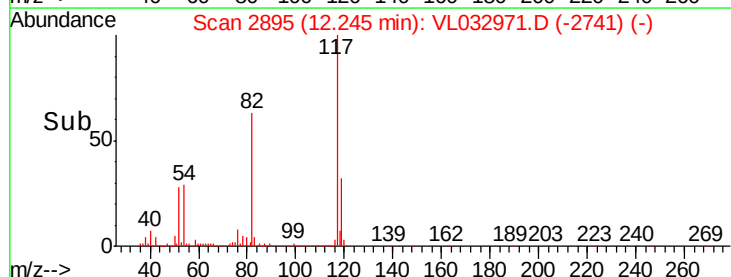
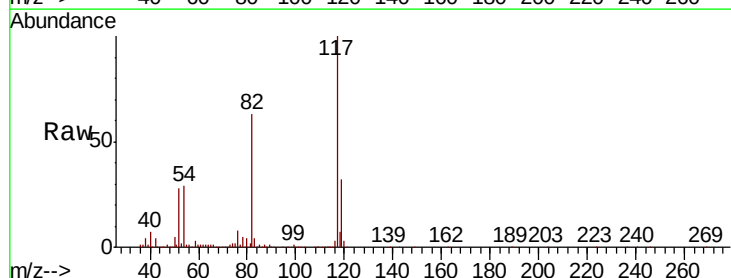
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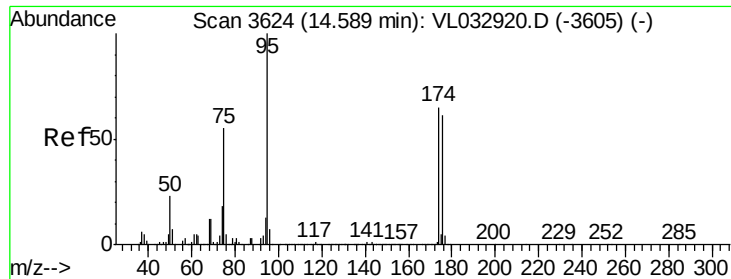
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.25 min Scan# 2895
 Delta R.T. -0.01 min
 Lab File: VL032971.D
 Acq: 12 Dec 2018 1:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.0	47.8	71.8
119	32.7	43.1	64.7#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.639 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL032971.D
 Acq: 12 Dec 2018 1:54

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.9	51.4	77.0
175	4.8	3.8	5.6

Manual Integrations
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