

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033823.D
 Acq On : 29 May 2019 4:27
 Operator : SY/AP
 Sample : K2960-04DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55DL

Manual Integrations
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Quant Time: May 29 07:01:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	806609	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2068618	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1900673	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1525169	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds					Ovalue
15) Acetone	3.92	43	20232m	0.181	ppbv

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

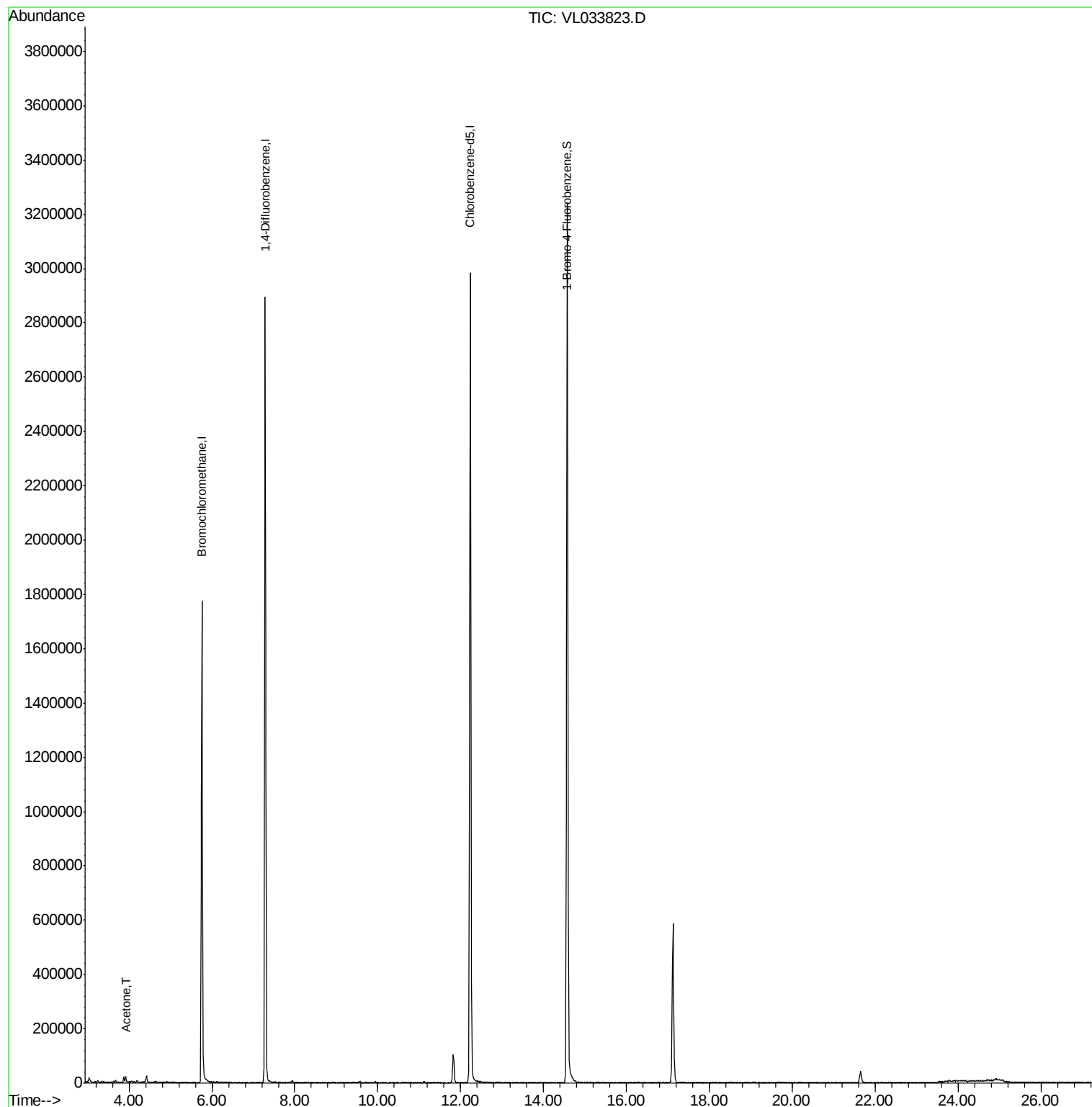
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052819\
Data File : VL033823.D
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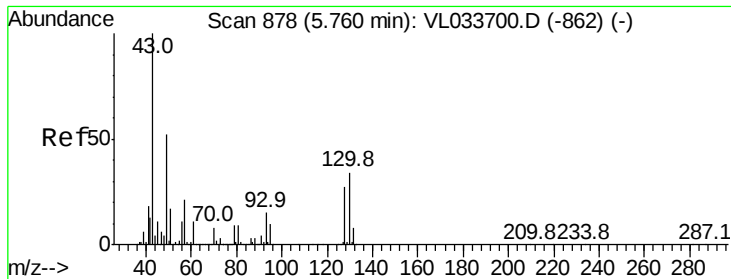
Instrument :
MSVOA_L
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Quant Time: May 29 07:01:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033823.D

Acq: 29 May 2019 4:27

Instrument :

MSVOA_L

ClientSampleId :

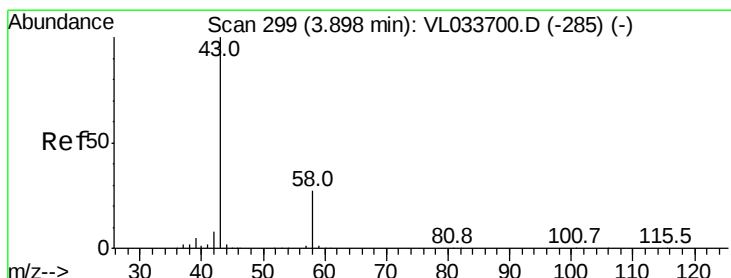
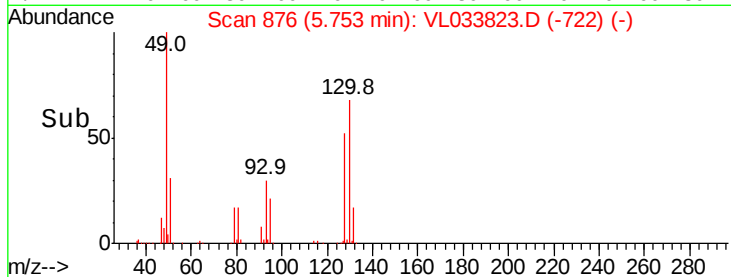
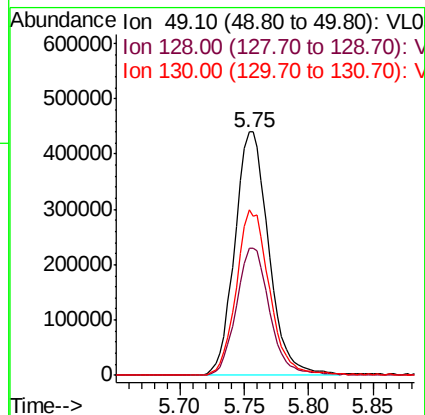
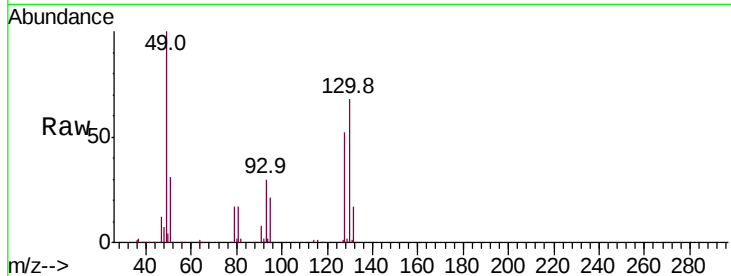
BPS1-SG-3009-55DL

Tot Ion:	49	Resp:	806609
Ion Ratio	Lower	Upper	
49	100		
128	51.9	25.2	75.6
130	67.0	32.5	97.5

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#15

Acetone

Concen: 0.181 ppbv m

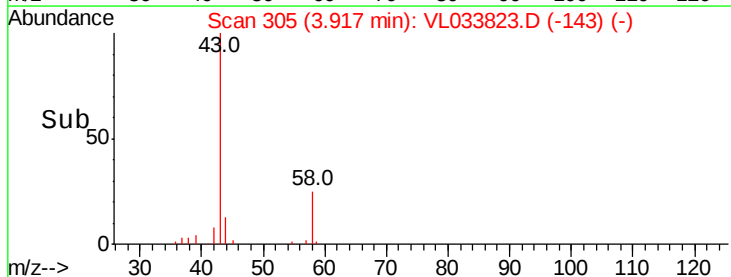
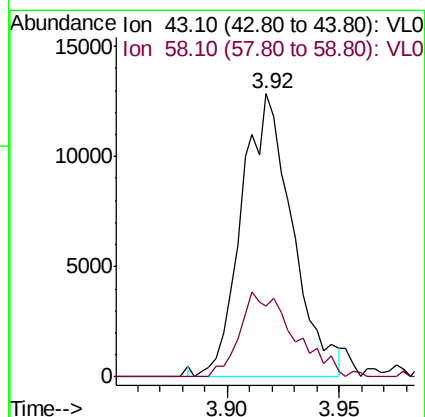
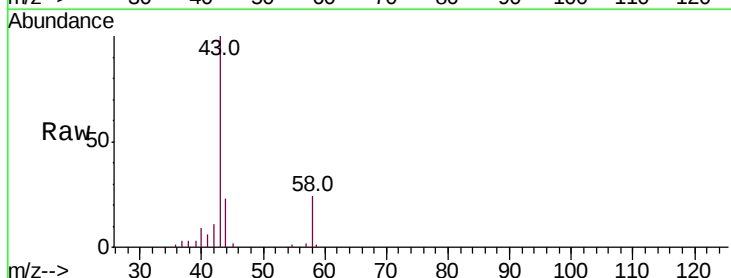
RT: 3.92 min Scan# 305

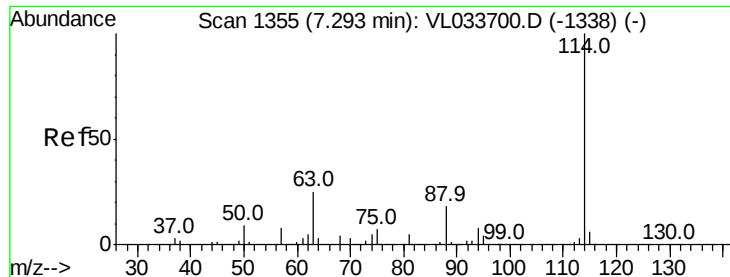
Delta R.T. 0.02 min

Lab File: VL033823.D

Acq: 29 May 2019 4:27

Tgt Ion:	43	Resp:	20232
Ion Ratio	Lower	Upper	
43	100		
58	32.0	21.3	31.9#





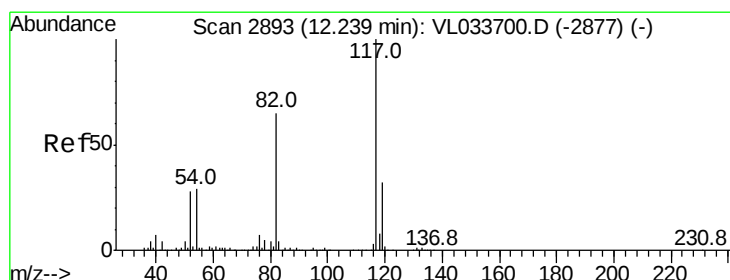
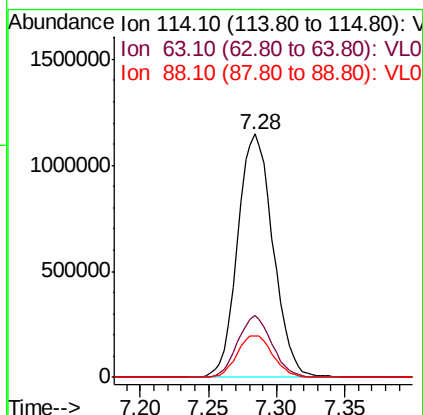
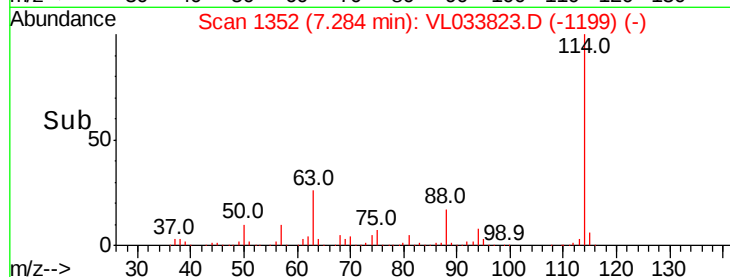
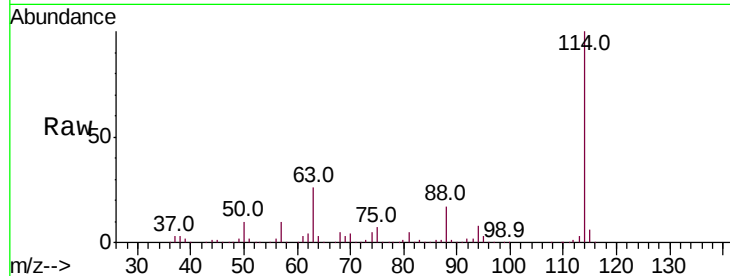
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033823.D
 Acq: 29 May 2019 4:27

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 BPS1-SG-3009-55DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.9	31.3
88	17.4	14.3	21.5

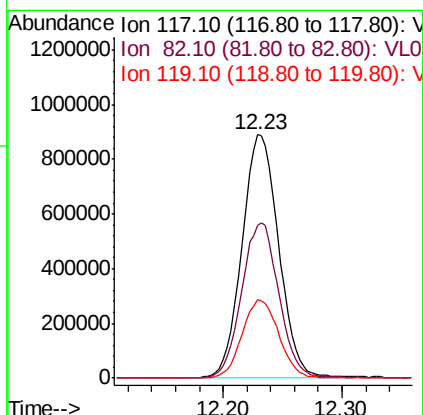
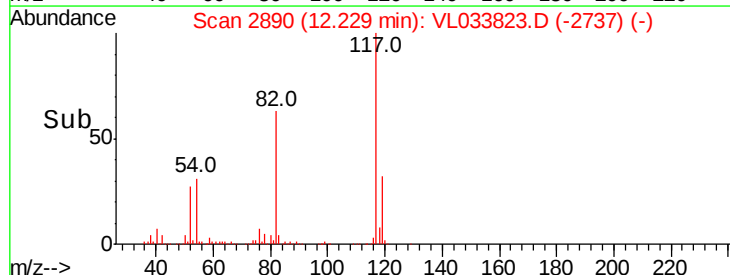
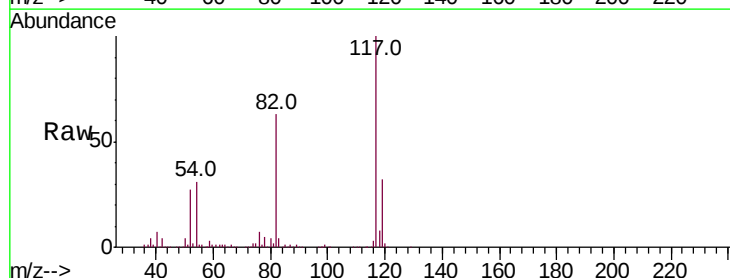
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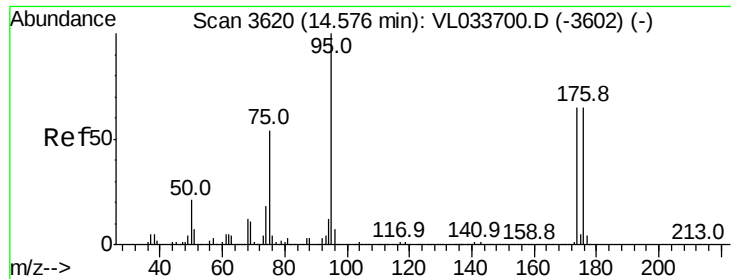
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.23 min Scan# 2890
 Delta R.T. -0.01 min
 Lab File: VL033823.D
 Acq: 29 May 2019 4:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.0	49.4	74.0
119	32.4	24.9	37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.898 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033823.D

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MSVOA_L

ClientSampleId :

BPS1-SG-3009-55DL

Tot Ion: 95 Resp: 1525169

Ion Ratio Lower Upper

95 100

174 69.0 53.9 80.9

175 4.8 3.8 5.8

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