

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060719\
Data File : VL033892.D
Acq On : 7 Jun 2019 16:57
Operator : SY/AP
Sample : CAN 10747
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10747

Quant Time: Jun 09 21:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	848856	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1922085	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1939847	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1589330	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

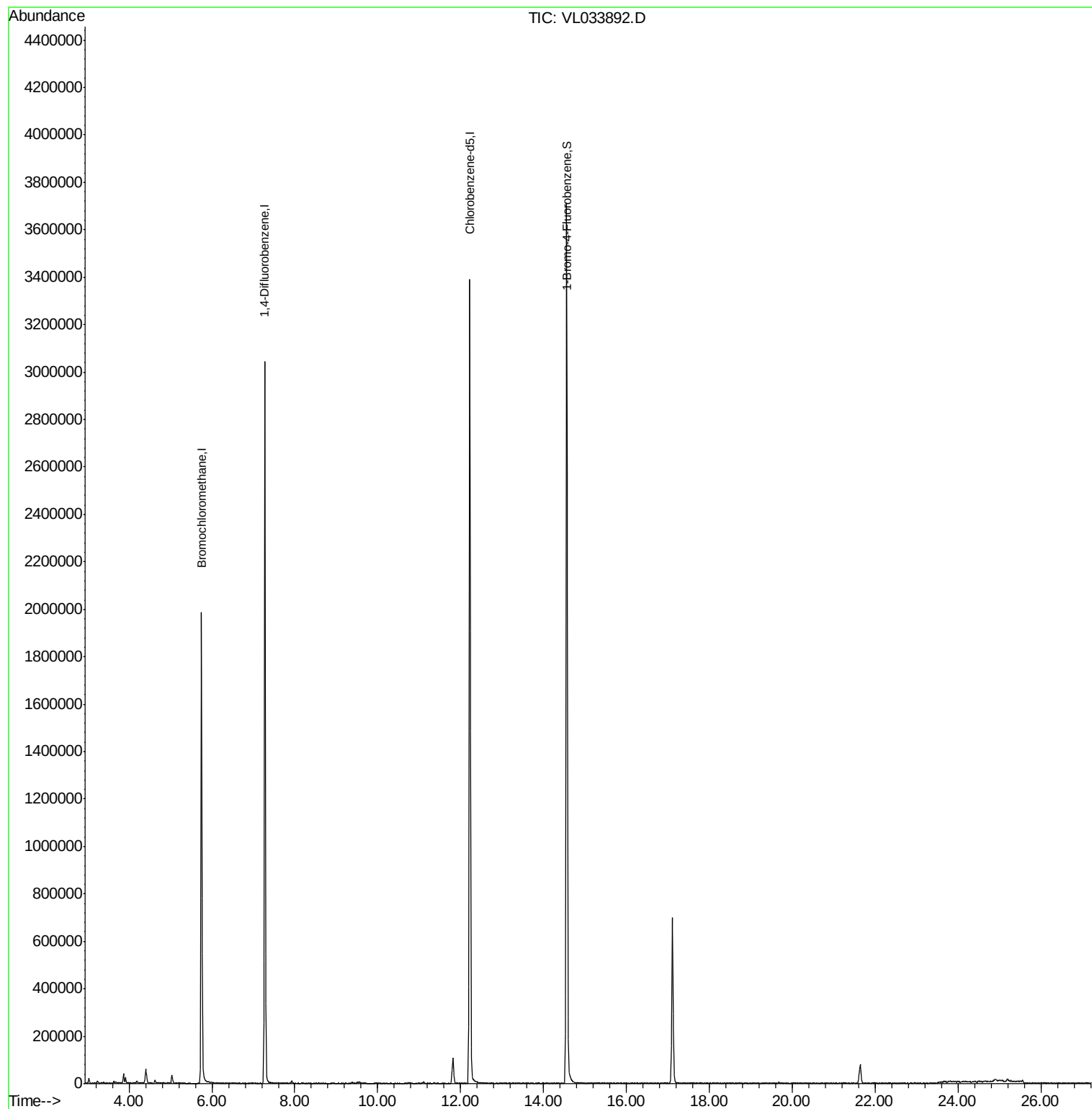
Target Compounds	Ovalue
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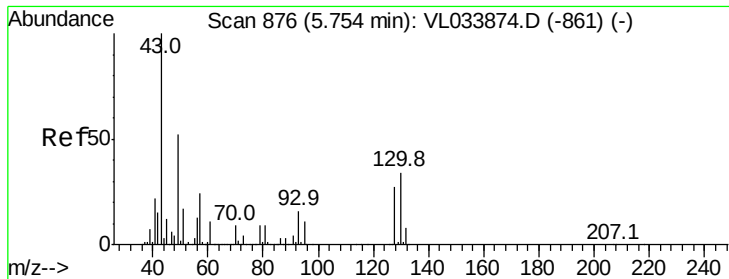
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

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CAN 10747

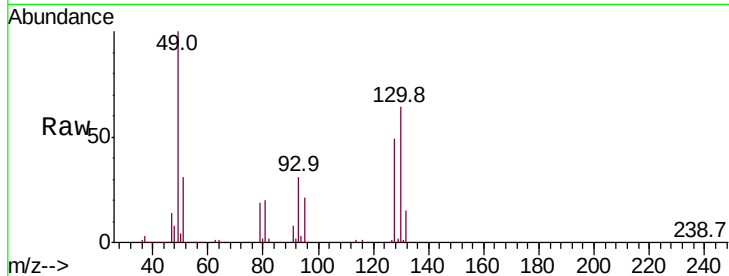
Tot Ion: 49 Resp: 848856

Ion Ratio Lower Upper

49 100

128 49.8 25.5 76.5

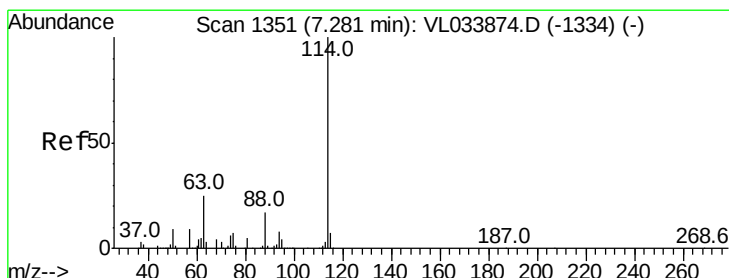
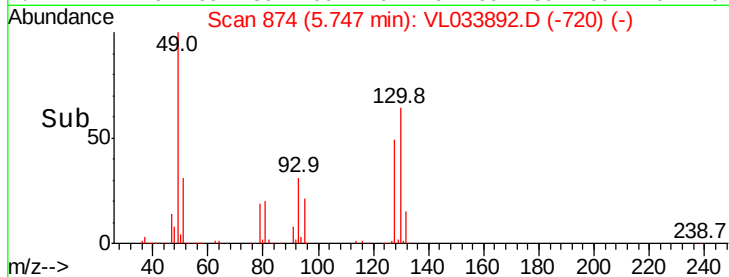
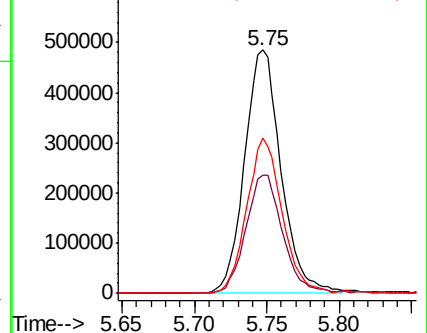
130 63.1 32.5 97.4



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.27 min Scan# 1349

Delta R.T. -0.01 min

Lab File: VL033892.D

Acq: 7 Jun 2019 16:57

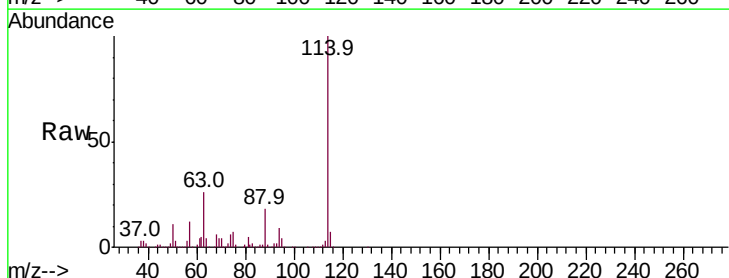
Tgt Ion:114 Resp: 1922085

Ion Ratio Lower Upper

114 100

63 27.1 21.1 31.7

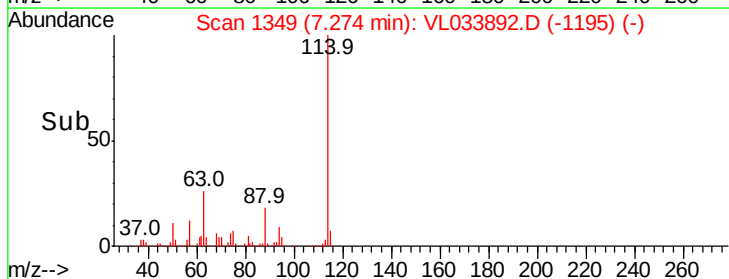
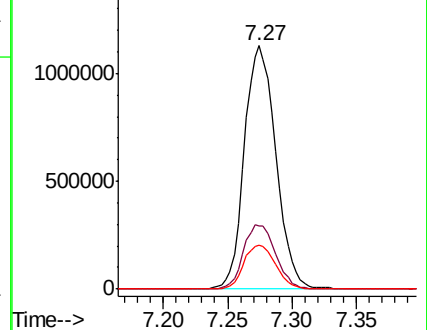
88 18.4 14.2 21.4

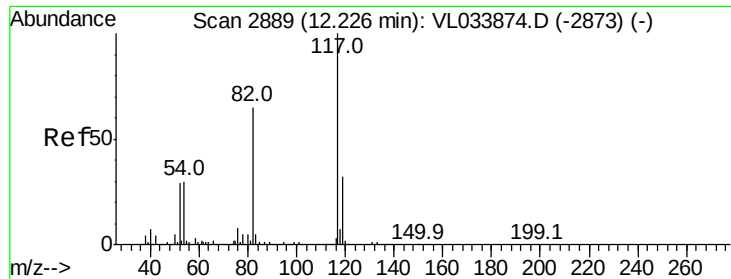


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

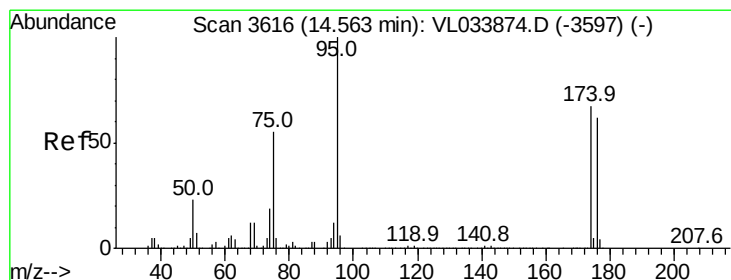
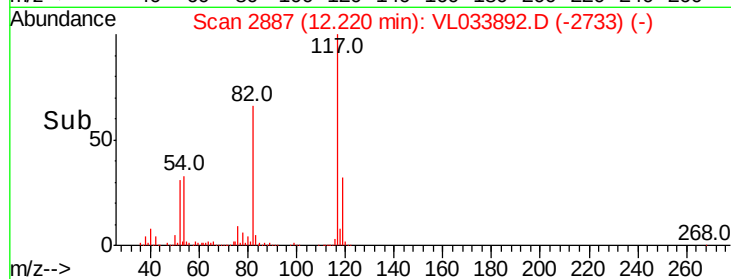
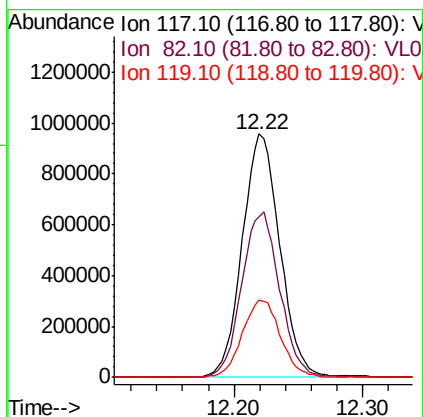
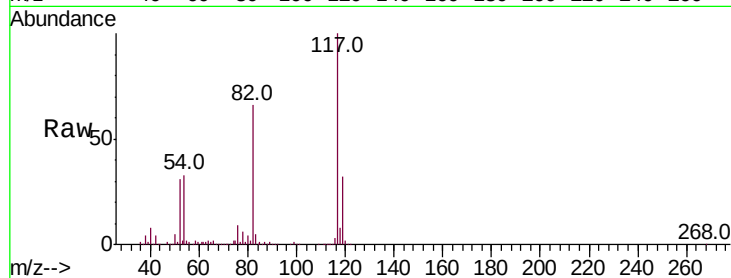




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL033892.D
Acq: 7 Jun 2019 16:57

Instrument :
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Tot Ion:117 Resp: 1939847
Ion Ratio Lower Upper
117 100
82 69.2 50.2 75.2
119 32.4 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.975 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033892.D
Acq: 7 Jun 2019 16:57

Tgt Ion: 95 Resp: 1589330
Ion Ratio Lower Upper
95 100
174 65.0 54.0 81.0
175 4.5 3.8 5.8

