

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062619\
 Data File : VL033985.D
 Acq On : 27 Jun 2019 2:38
 Operator : SY/AP
 Sample : OC062119 CAN 10154
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 03:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.74	49	690832	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1566350	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1508582	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1415692	11.42	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.20%

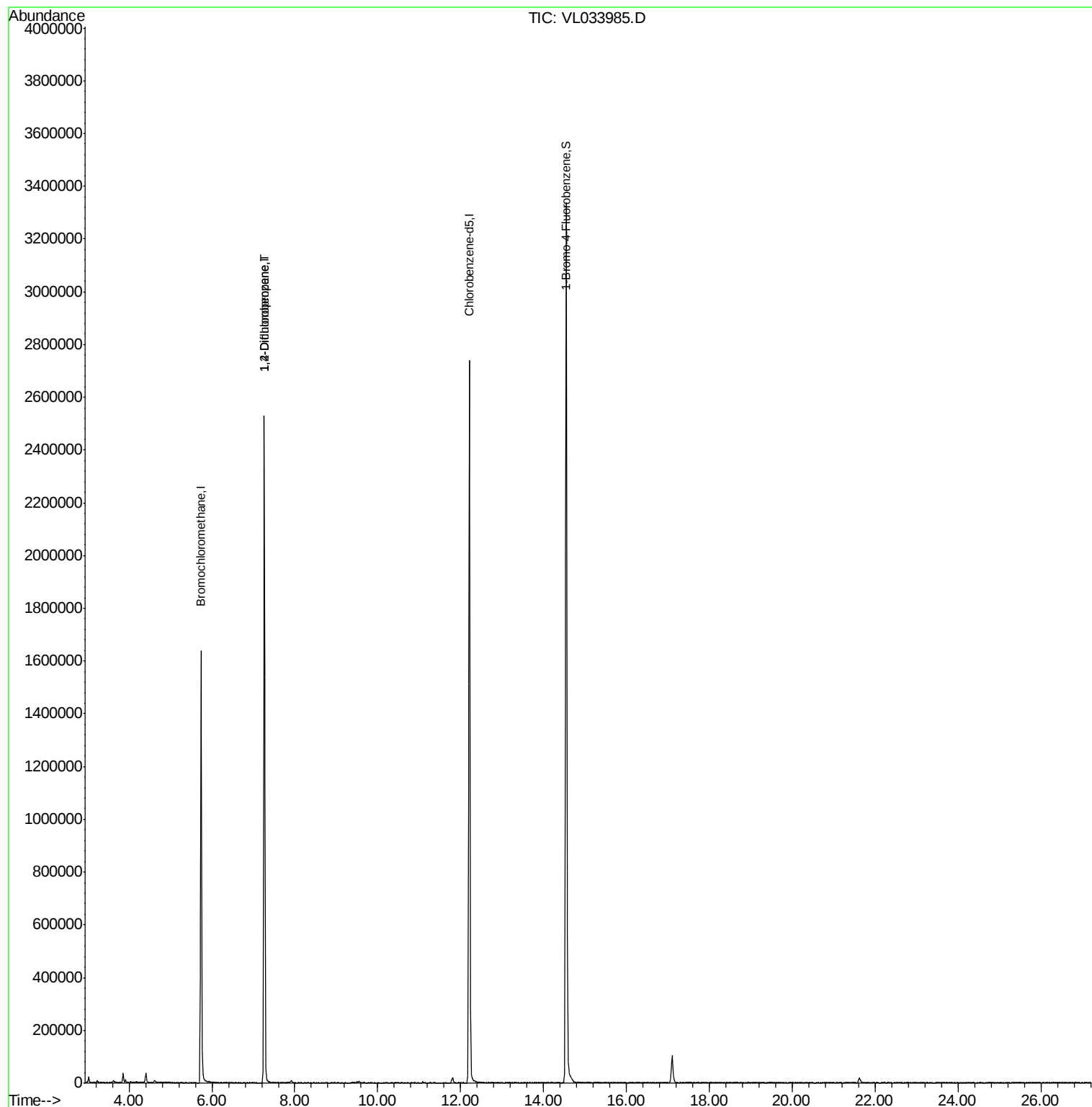
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
39) 1,2-Dichloropropane	7.26	63	423502	9.171	ppbv	# 26

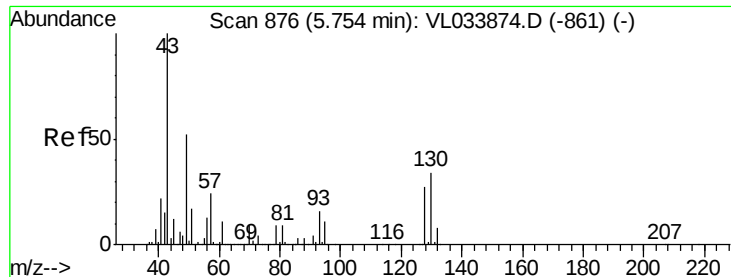
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 871

Delta R.T. -0.02 min

Lab File: VL033985.D

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Instrument :
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ClientSampleId :

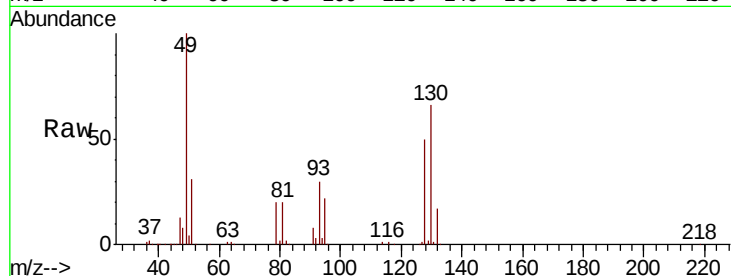
Tot Ion: 49 Resp: 690832

Ion Ratio Lower Upper

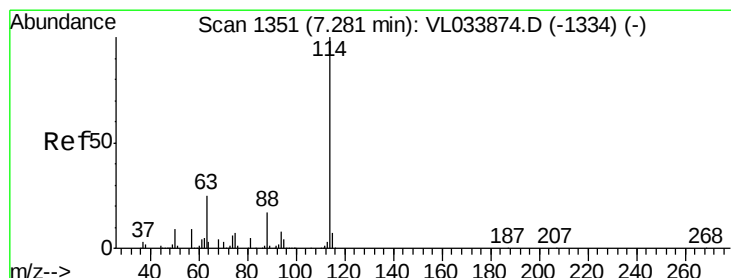
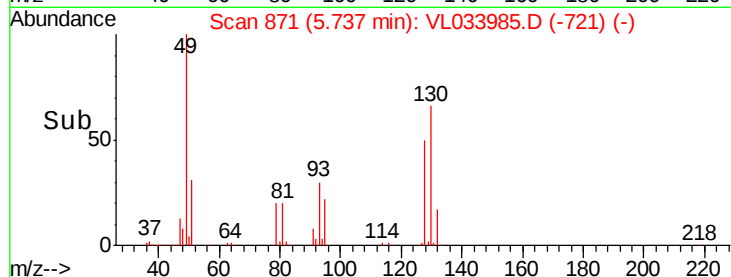
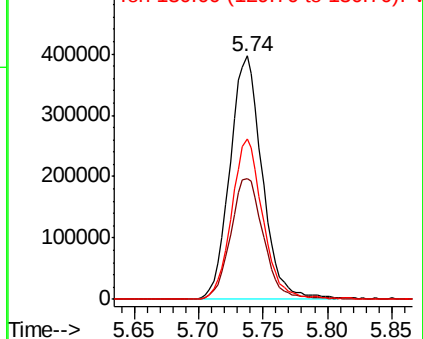
49 100

128 50.6 25.5 76.5

130 64.4 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: 7.26 min Scan# 1345

Delta R.T. -0.02 min

Lab File: VL033985.D

Acq: 27 Jun 2019 2:38

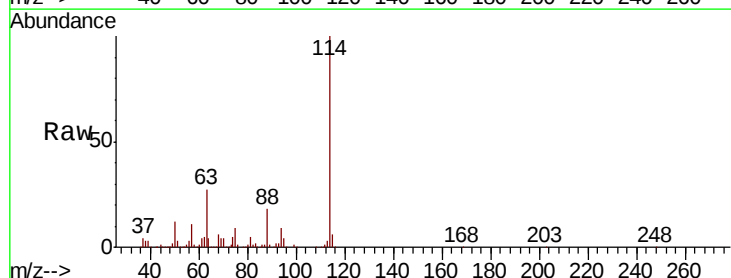
Tgt Ion: 114 Resp: 1566350

Ion Ratio Lower Upper

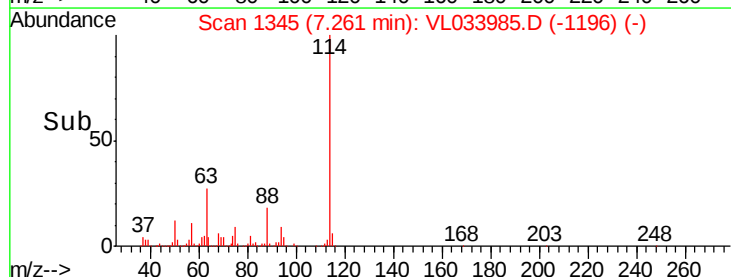
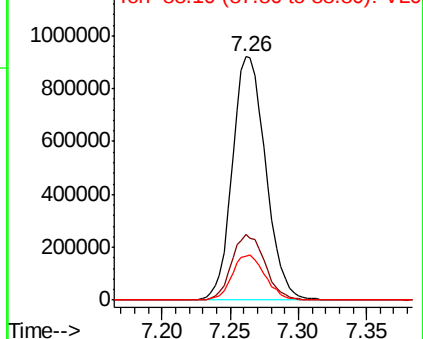
114 100

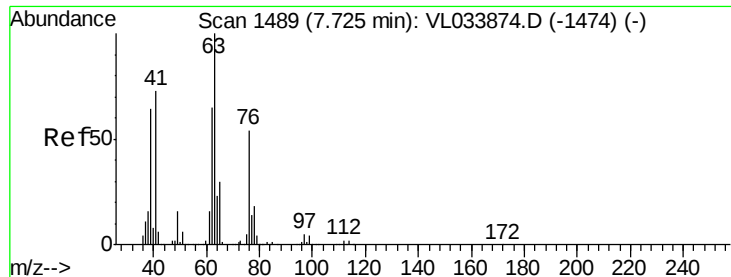
63 27.1 21.1 31.7

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

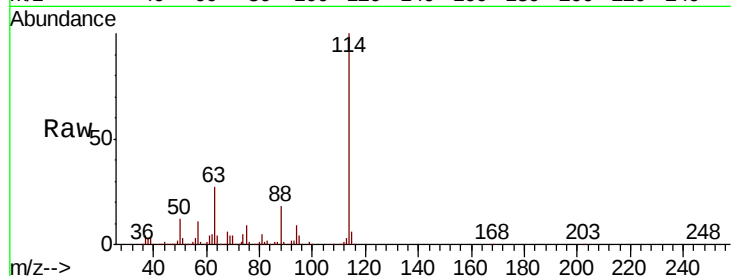




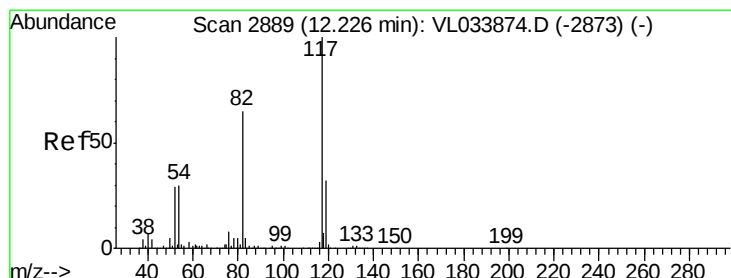
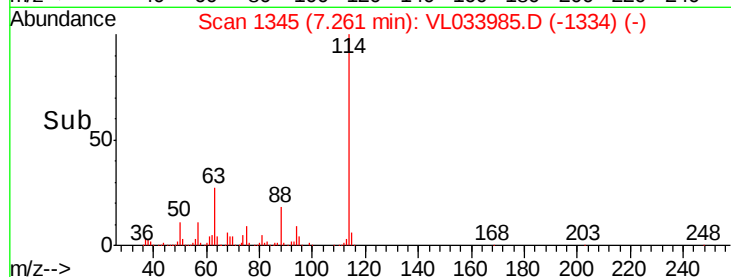
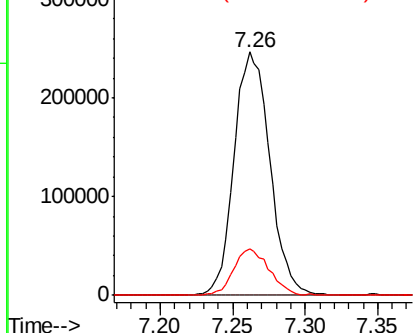
#39
 1,2-Dichloropropane
 Concen: 9.171 ppbv
 RT: 7.26 min Scan# 1345
 Delta R.T. -0.46 min
 Lab File: VL033985.D
 Acq: 27 Jun 2019 2:38

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 423502
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.7 88.1#
 62 19.0 51.9 77.9#

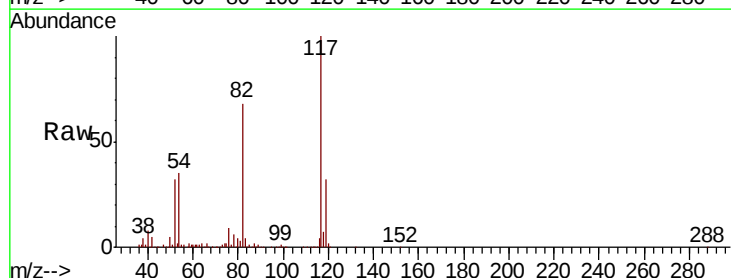


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

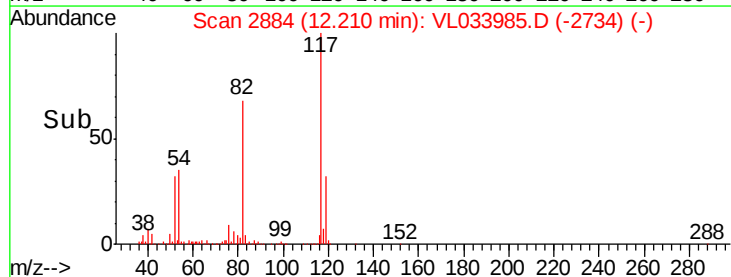
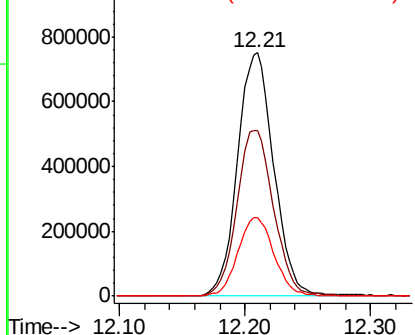


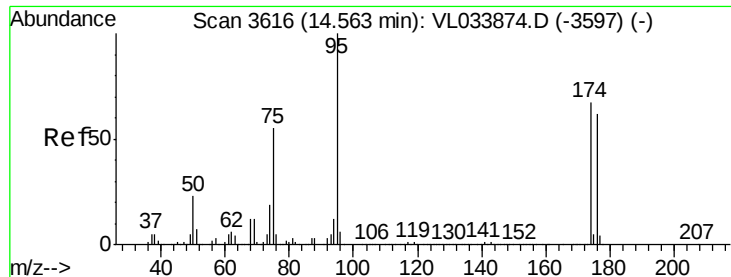
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.21 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: VL033985.D
 Acq: 27 Jun 2019 2:38

Tgt Ion: 117 Resp: 1508582
 Ion Ratio Lower Upper
 117 100
 82 69.6 50.2 75.2
 119 32.5 24.8 37.2



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V

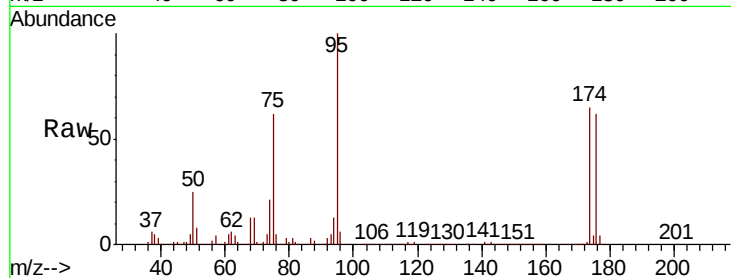




#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.425 ppbv
 RT: 14.54 min Scan# 3610
 Delta R.T. -0.02 min
 Lab File: VL033985.D
 Acq: 27 Jun 2019 2:38

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 95 Resp: 1415692
 Ion Ratio Lower Upper
 95 100
 174 65.0 54.0 81.0
 175 4.5 3.8 5.8



Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

