

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122018\
 Data File : VL033041.D
 Acq On : 21 Dec 2018 1:17
 Operator : SY/AP
 Sample : J6480-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

Quant Time: Dec 21 06:59:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 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	1240657	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2826125	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2636719	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1392462	7.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	71.50%

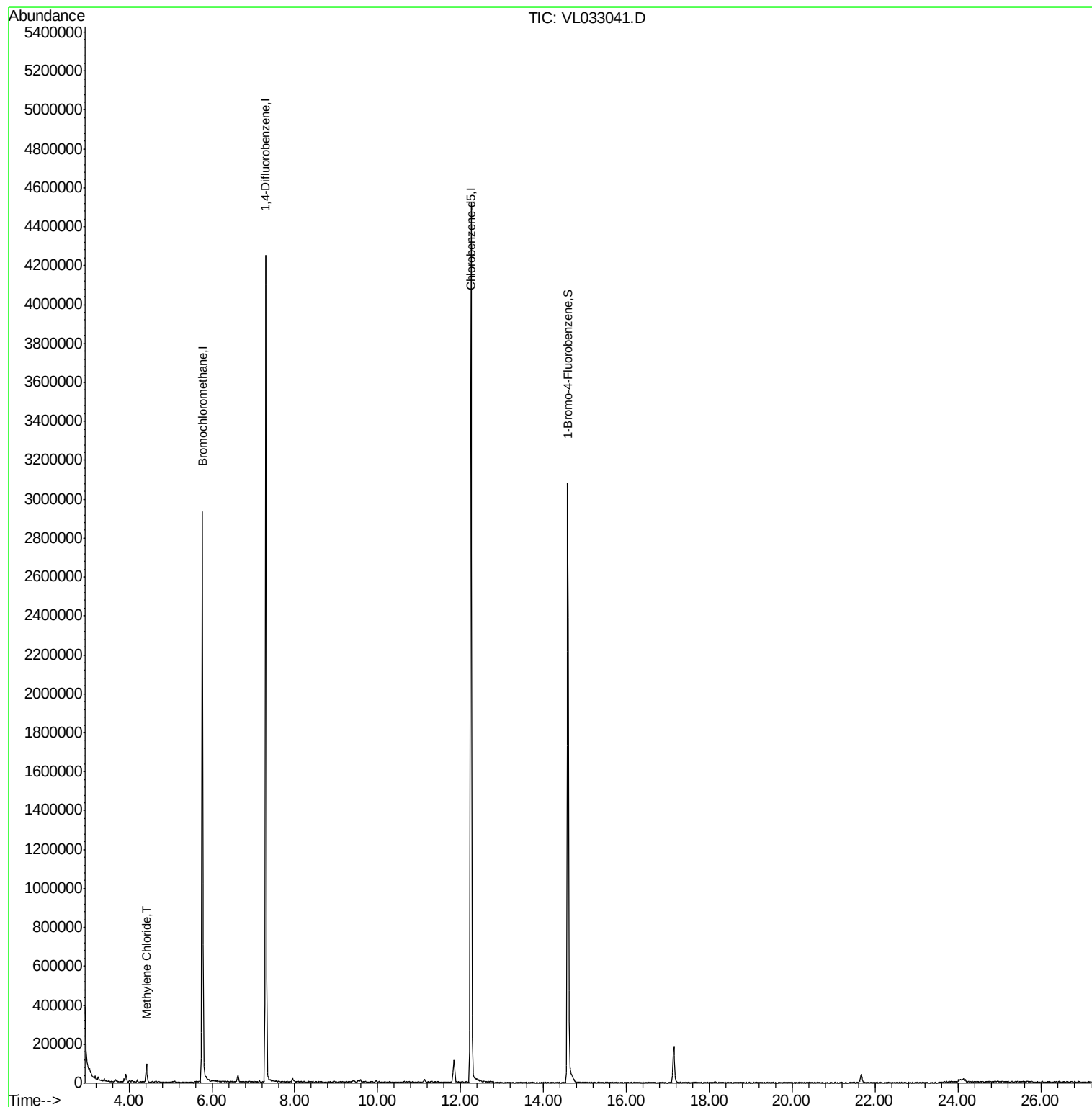
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.42	84	29060	0.558	ppbv	90

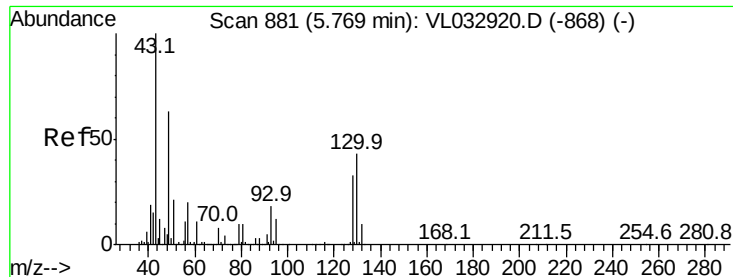
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033041.D

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MSVOA_L

ClientSampleId :

MIDDLE

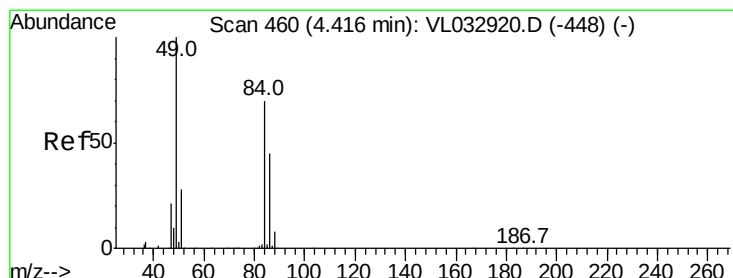
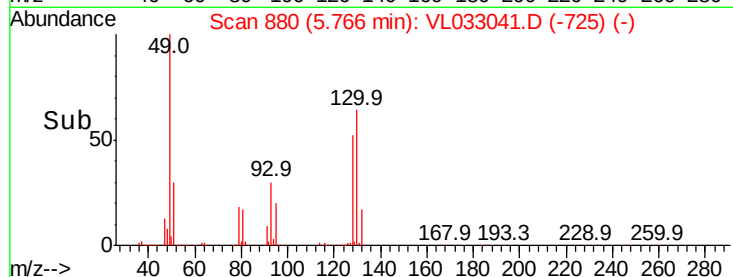
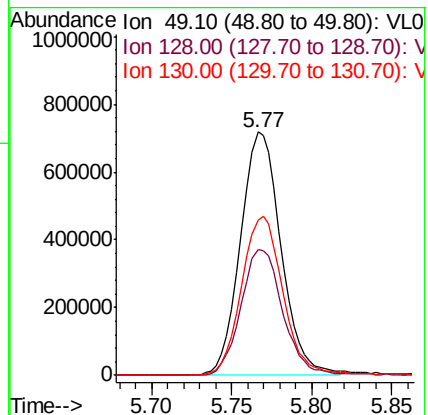
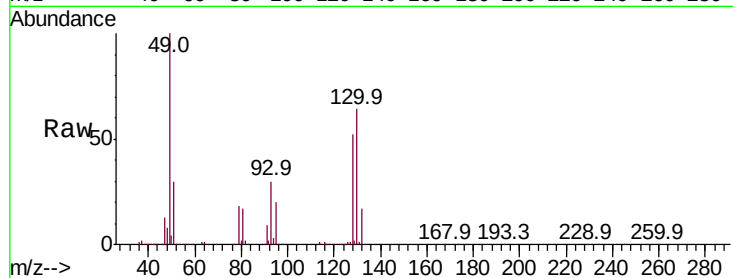
Tot Ion: 49 Resp: 1240657

Ion Ratio Lower Upper

49 100

128 54.0 26.3 78.8

130 67.7 33.9 101.7



#20

Methylene Chloride

Concen: 0.558 ppbv

RT: 4.42 min Scan# 460

Delta R.T. 0.00 min

Lab File: VL033041.D

Acq: 21 Dec 2018 1:17

Tgt Ion: 84 Resp: 29060

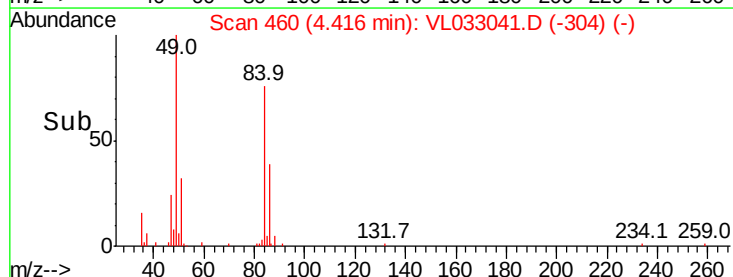
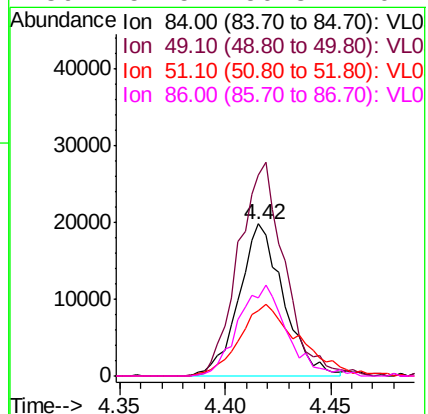
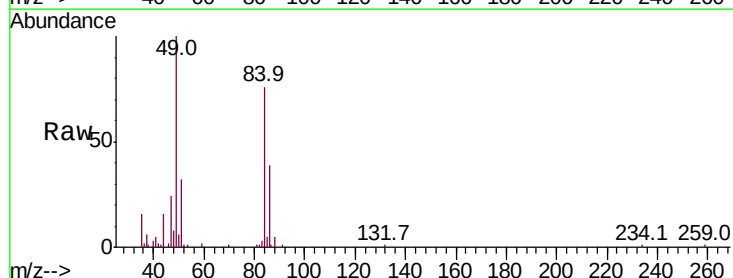
Ion Ratio Lower Upper

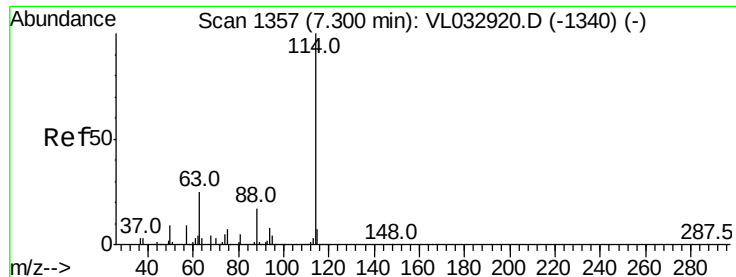
84 100

49 131.5 113.8 170.8

51 43.0 31.8 47.8

86 51.5 50.8 76.2

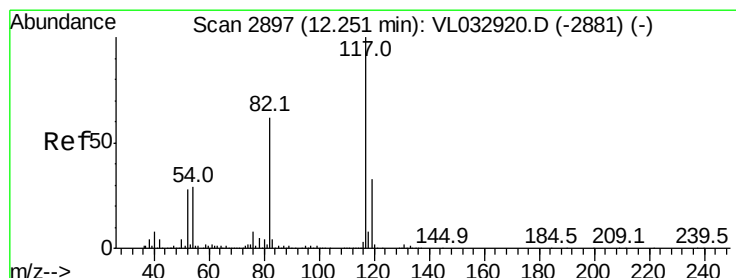
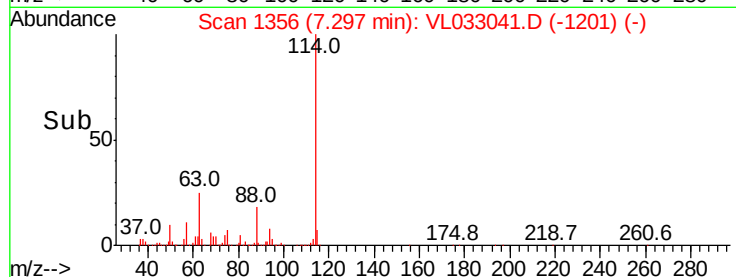
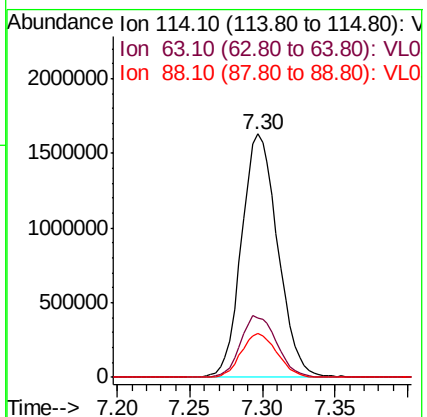
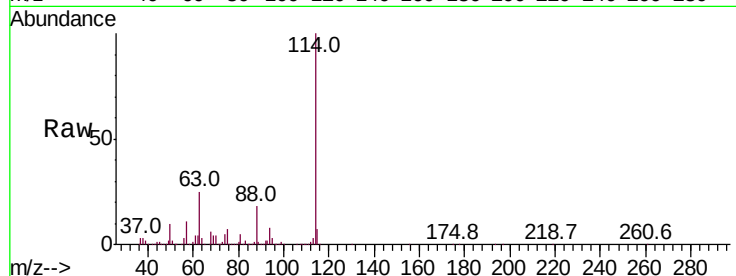




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VL033041.D
 Acq: 21 Dec 2018 1:17

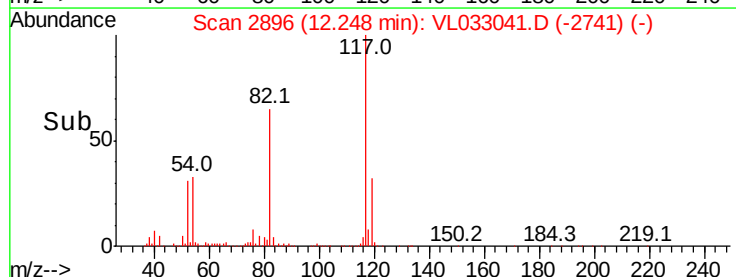
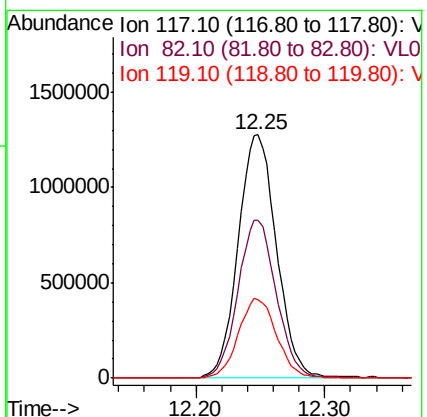
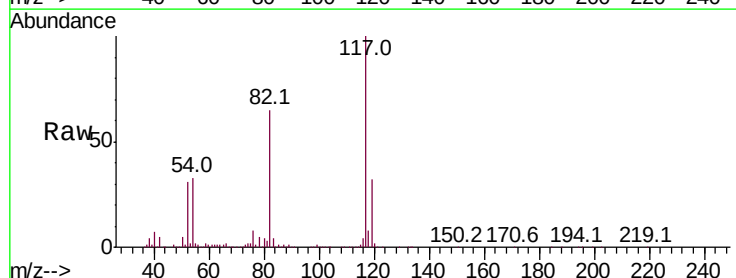
Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

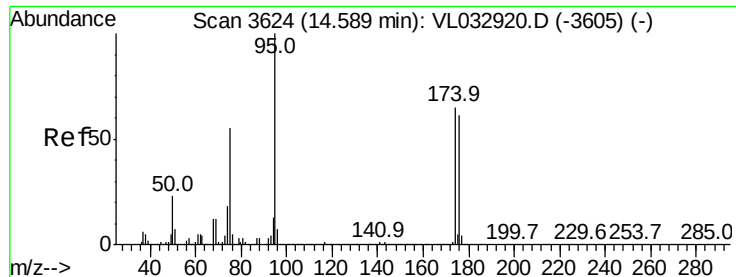
Tot Ion:114 Resp: 2826125
 Ion Ratio Lower Upper
 114 100
 63 25.7 20.1 30.1
 88 18.0 14.2 21.4



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.25 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: VL033041.D
 Acq: 21 Dec 2018 1:17

Tgt Ion:117 Resp: 2636719
 Ion Ratio Lower Upper
 117 100
 82 65.3 47.8 71.8
 119 32.8 43.1 64.7#





#68

1-Bromo-4-Fluorobenzene

Concen: 7.148 ppbv

RT: 14.58 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL033041.D

Acq: 21 Dec 2018 1:17

Instrument :

MSVOA_L

ClientSampleId :

MIDDLE

Tot Ion: 95 Resp: 1392462

Ion Ratio Lower Upper

95 100

174 64.8 51.4 77.0

175 4.7 3.8 5.6

