

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032119\
 Data File : VL033422.D
 Acq On : 21 Mar 2019 19:18
 Operator : SY/AP
 Sample : VL0321ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 22 08:45:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	749563	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1757923	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1949764	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1515564	10.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.90%

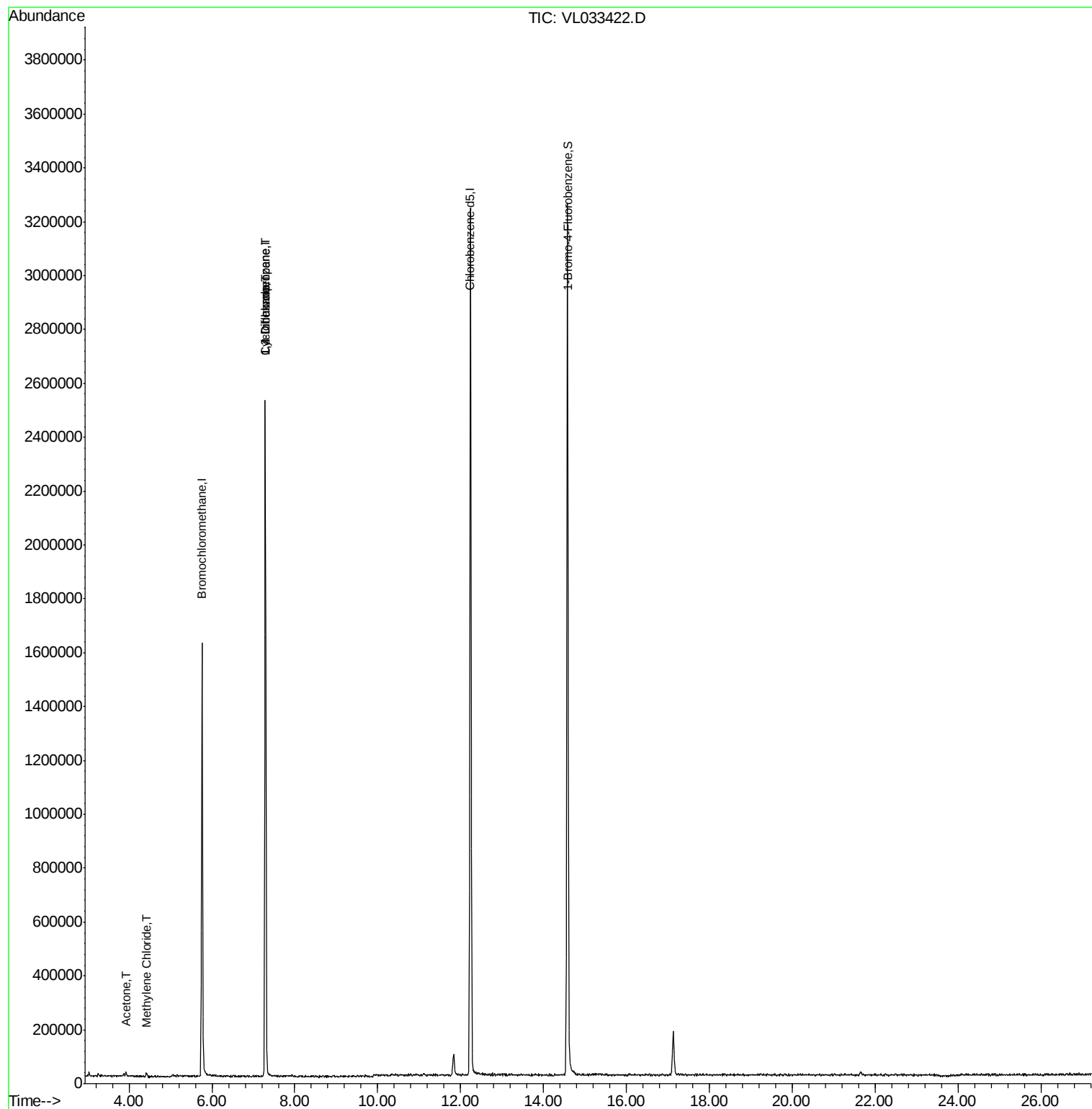
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.93	43	18367	0.158	ppbv #	88
20) Methylene Chloride	4.41	84	3705	0.097	ppbv #	80
30) Cyclohexane	7.28	84	2770	0.046	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	461704	7.837	ppbv #	24

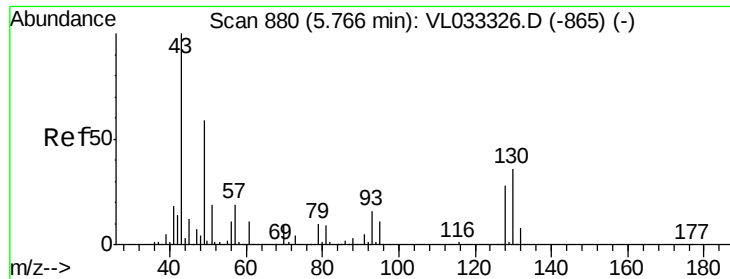
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

Lab File: VL033422.D

Acq: 21 Mar 2019 19:18

Instrument :

MSVOA_L

ClientSampleId :

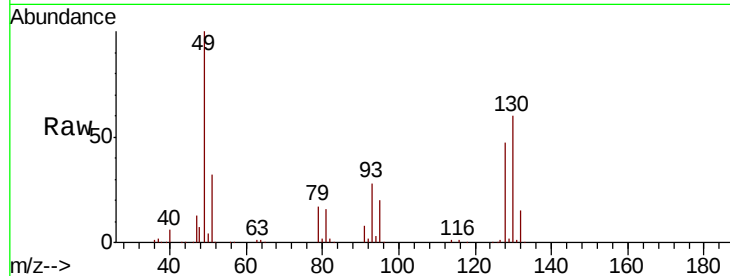
Tot Ion: 49 Resp: 749563

Ion Ratio Lower Upper

49 100

128 47.9 23.5 70.6

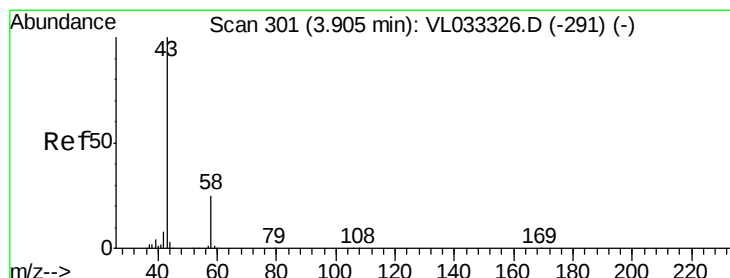
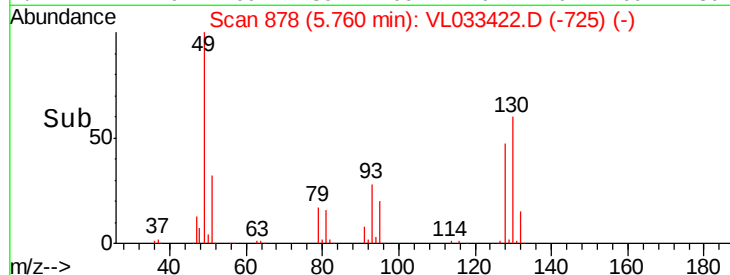
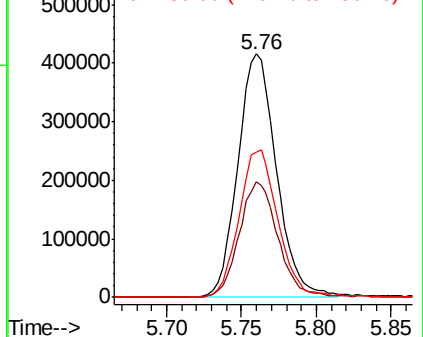
130 61.7 30.1 90.3



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



#15

Acetone

Concen: 0.158 ppbv

RT: 3.93 min Scan# 308

Delta R.T. 0.02 min

Lab File: VL033422.D

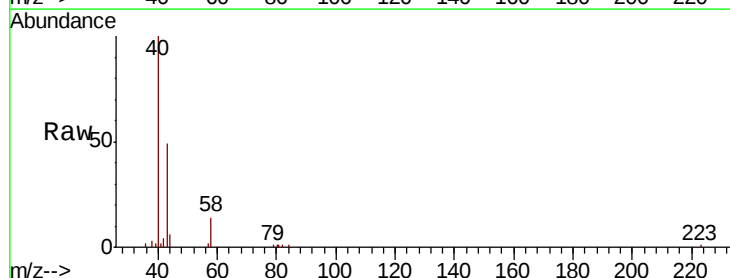
Acq: 21 Mar 2019 19:18

Tgt Ion: 43 Resp: 18367

Ion Ratio Lower Upper

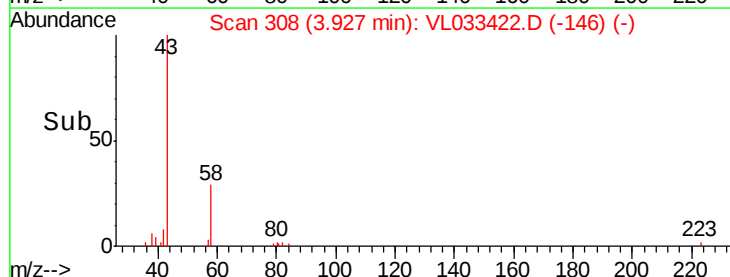
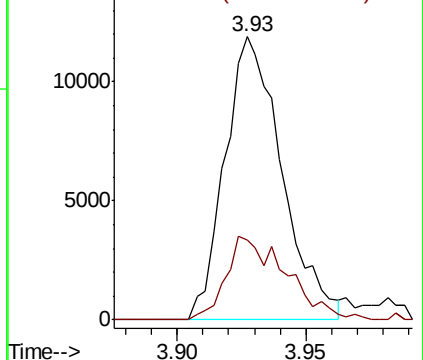
43 100

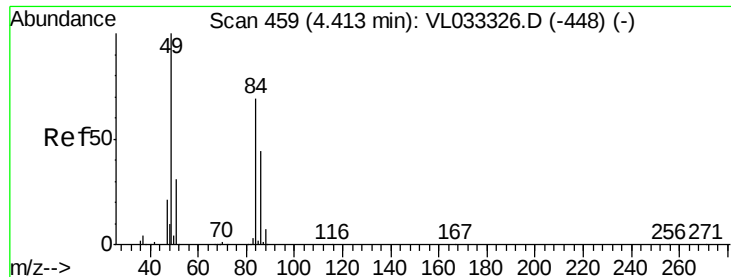
58 31.6 20.4 30.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

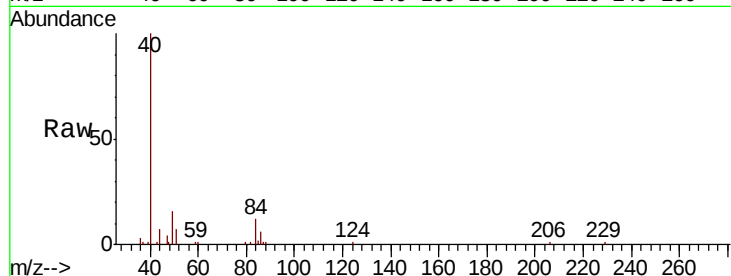




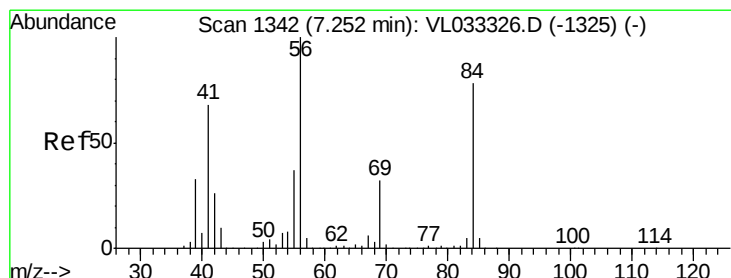
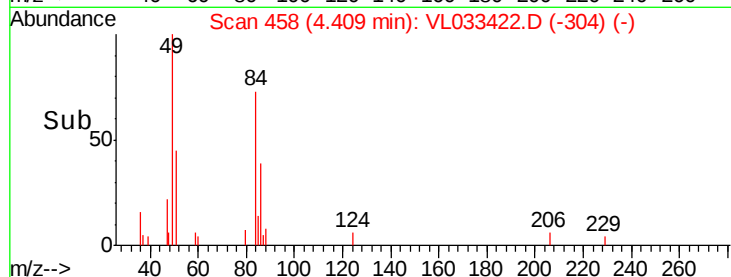
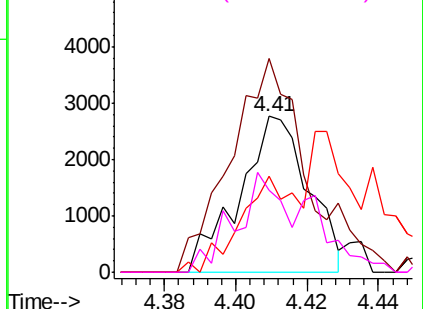
#20
Methylene Chloride
Concen: 0.097 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033422.D
Acq: 21 Mar 2019 19:18

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 3705
Ion Ratio Lower Upper
84 100
49 114.8 115.4 173.0#
51 55.6 35.8 53.6#
86 52.8 50.6 75.8

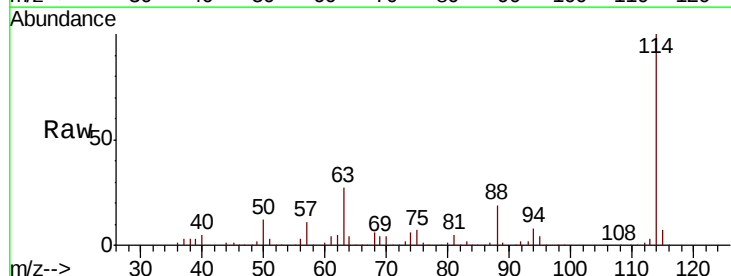


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

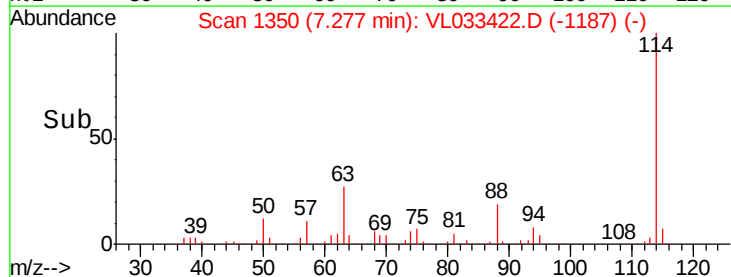
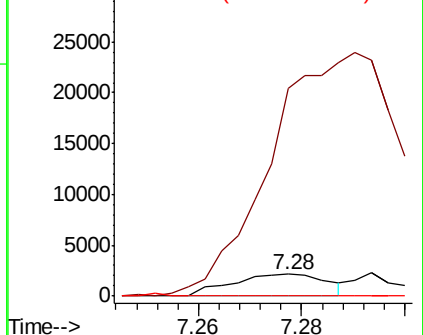


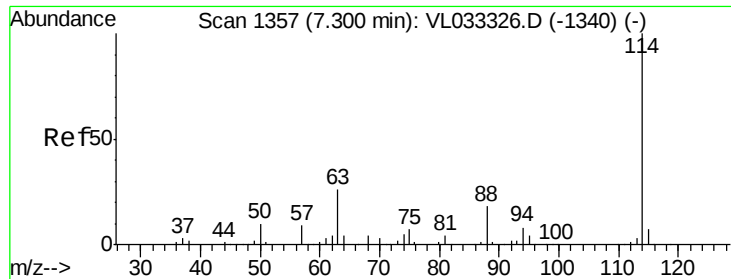
#30
Cyclohexane
Concen: 0.046 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. 0.03 min
Lab File: VL033422.D
Acq: 21 Mar 2019 19:18

Tgt Ion: 84 Resp: 2770
Ion Ratio Lower Upper
84 100
56 0.0 111.3 166.9#
41 0.0 69.6 104.4#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

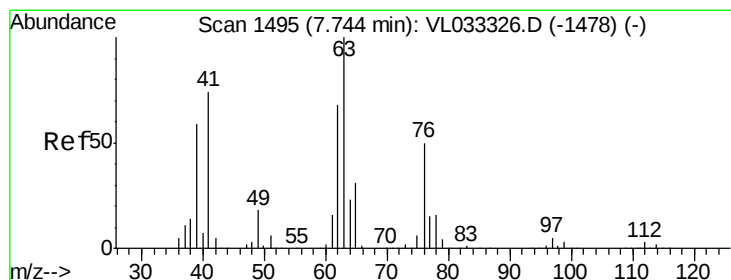
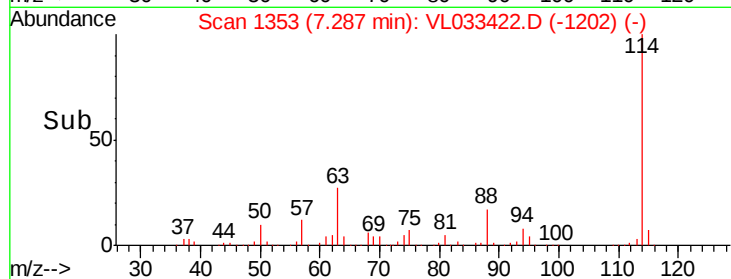
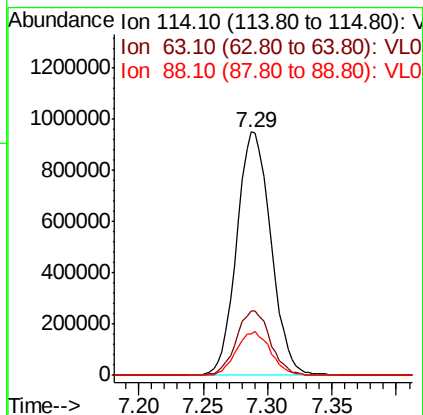
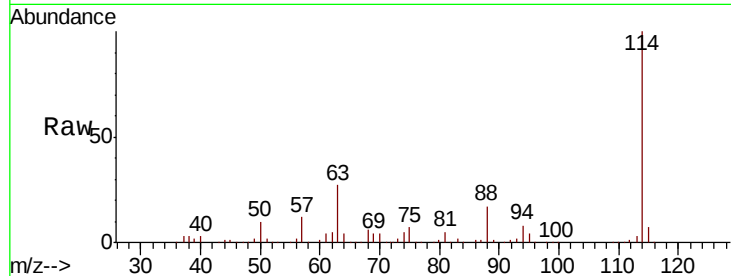




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033422.D
 Acq: 21 Mar 2019 19:18

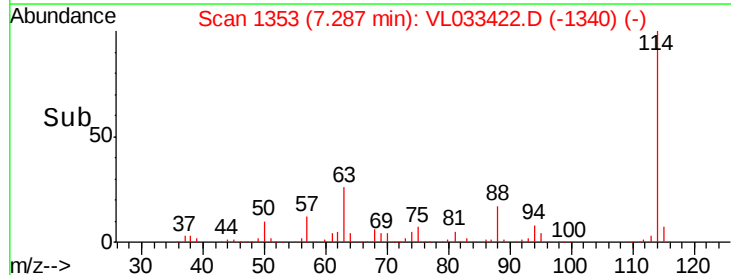
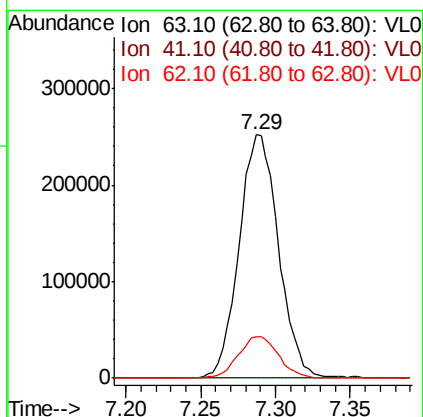
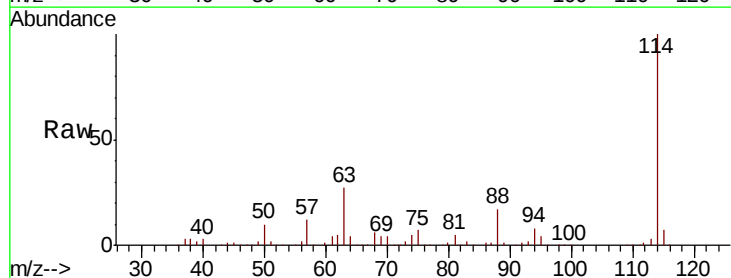
Instrument :
 MSVOA_L
 ClientSampleId :

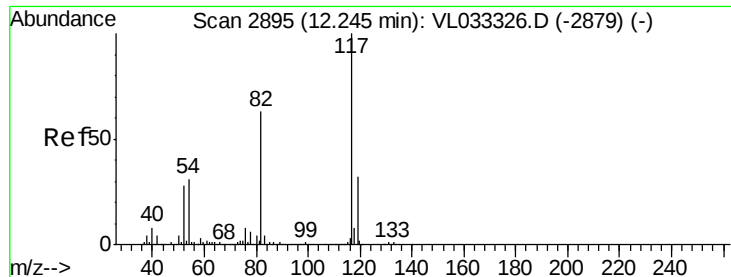
Tot Ion:114 Resp: 1757923
 Ion Ratio Lower Upper
 114 100
 63 26.4 21.4 32.2
 88 18.1 14.5 21.7



#39
 1,2-Dichloropropane
 Concen: 7.837 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.46 min
 Lab File: VL033422.D
 Acq: 21 Mar 2019 19:18

Tgt Ion: 63 Resp: 461704
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.5 89.3#
 62 17.0 54.7 82.1#

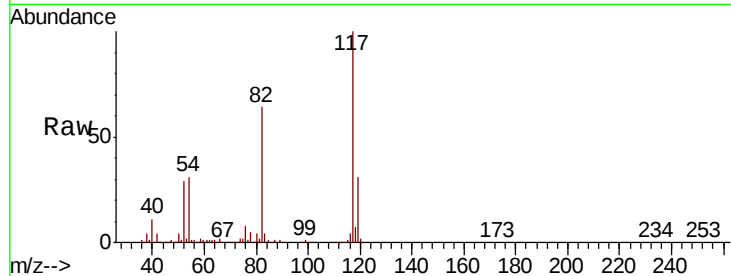




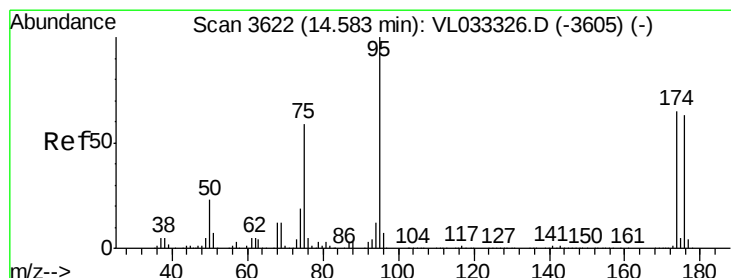
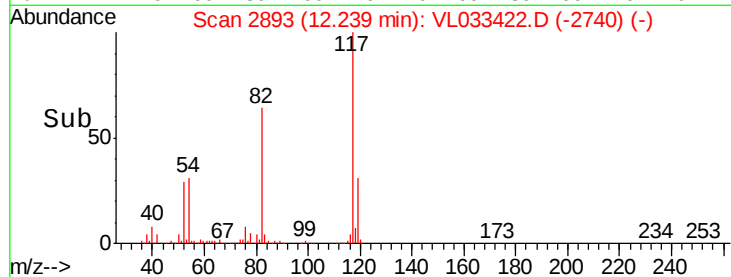
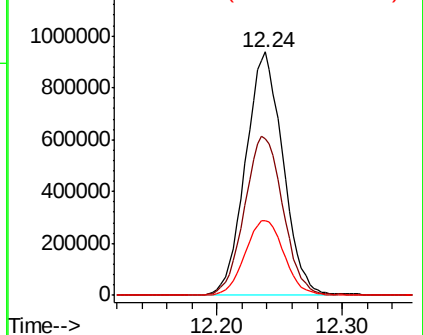
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033422.D
Acq: 21 Mar 2019 19:18

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 1949764
Ion Ratio Lower Upper
117 100
82 67.1 53.4 80.2
119 32.3 27.3 40.9

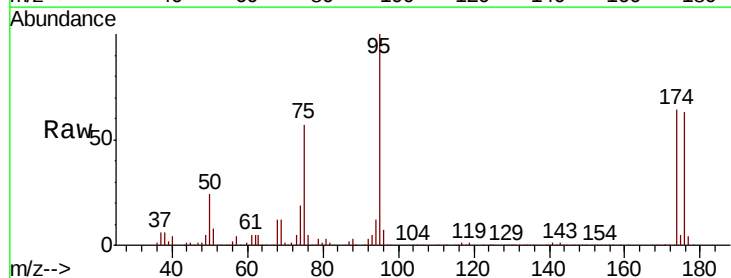


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.490 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033422.D
Acq: 21 Mar 2019 19:18

Tgt Ion: 95 Resp: 1515564
Ion Ratio Lower Upper
95 100
174 64.5 51.5 77.3
175 4.7 3.8 5.6



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

