

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033900.D
 Acq On : 13 Jun 2019 16:33
 Operator : SY/AP
 Sample : VL0613ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 14 05:32:15 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	5.75	49	889012	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1966224	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1992726	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1528530	9.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.40%

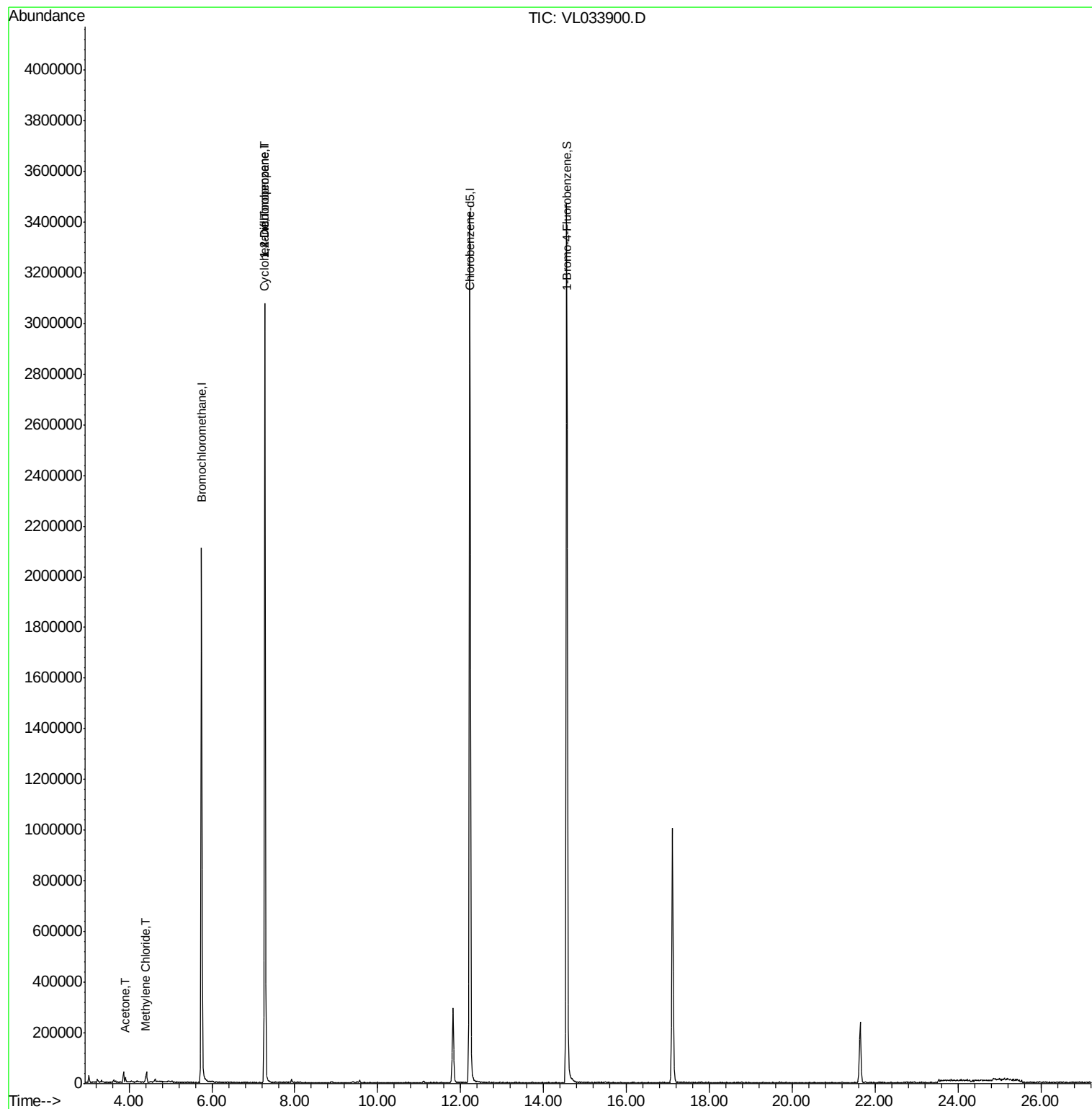
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.91	43	16504	0.127	ppbv	92
20) Methylene Chloride	4.39	84	1739	0.034	ppbv #	84
30) Cyclohexane	7.26	84	5474	0.086	ppbv #	1
39) 1,2-Dichloropropane	7.27	63	523747	9.035	ppbv #	27

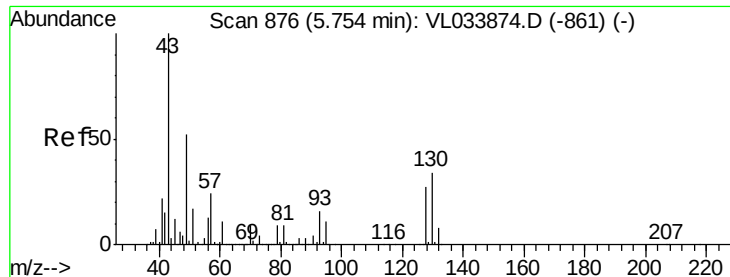
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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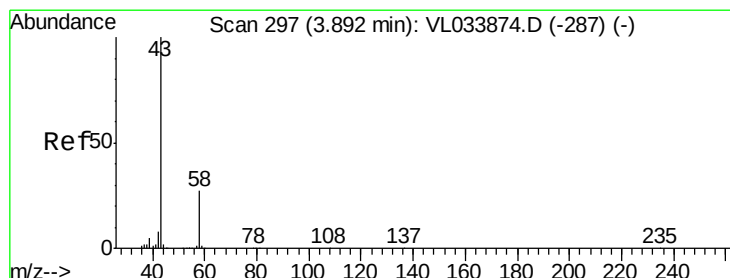
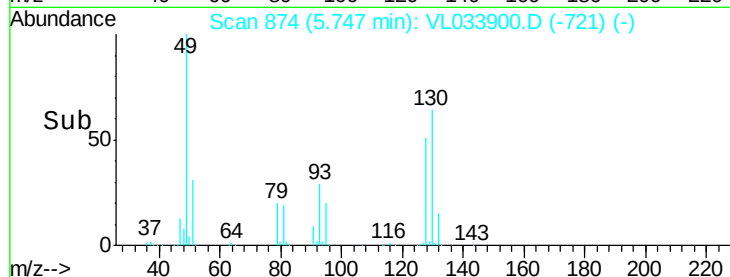
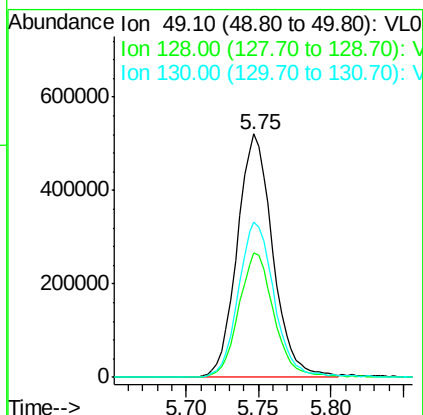
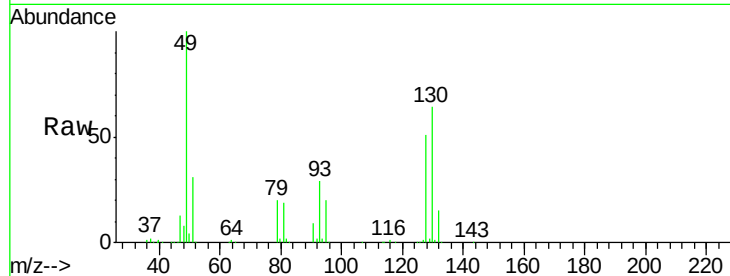




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 874
Delta R.T. -0.01 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

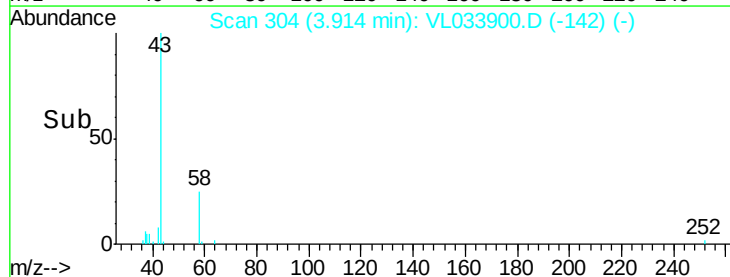
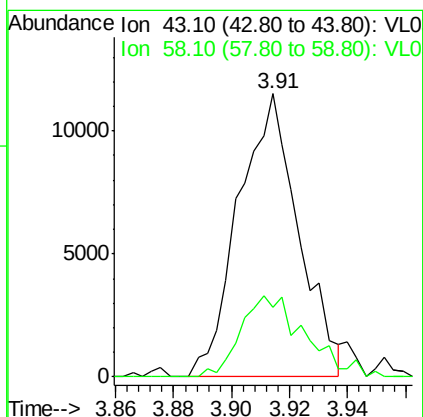
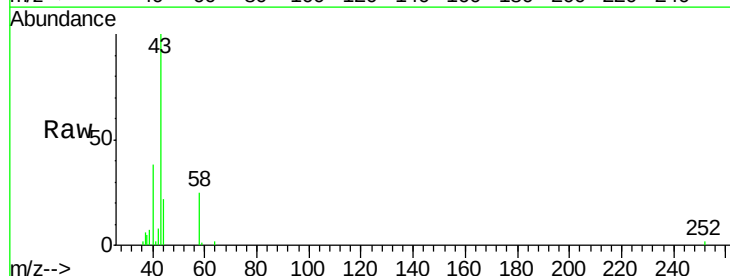
Instrument :
MSVOA_L
ClientSampleId :

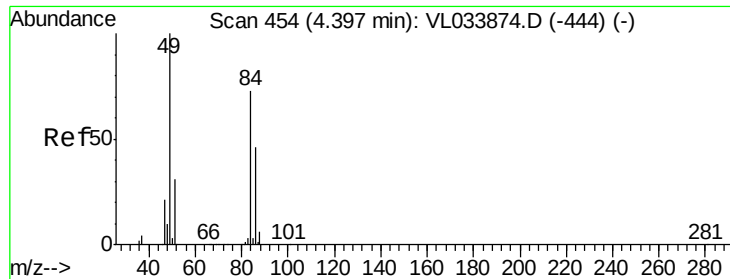
Tot Ion: 49 Resp: 889012
Ion Ratio Lower Upper
49 100
128 51.0 25.5 76.5
130 64.9 32.5 97.4



#15
Acetone
Concen: 0.127 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.02 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Tgt Ion: 43 Resp: 16504
Ion Ratio Lower Upper
43 100
58 30.8 21.3 31.9

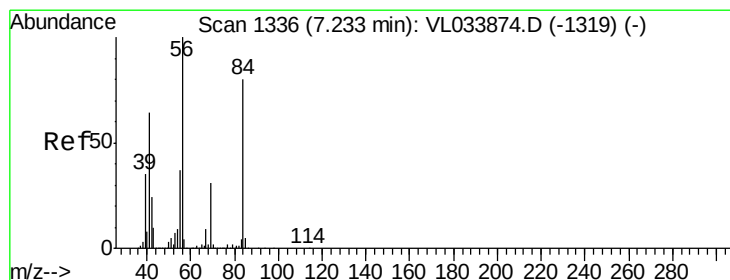
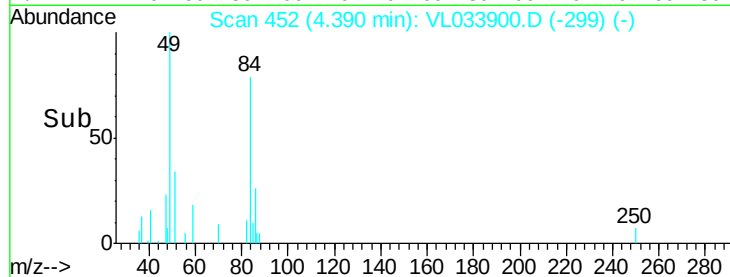
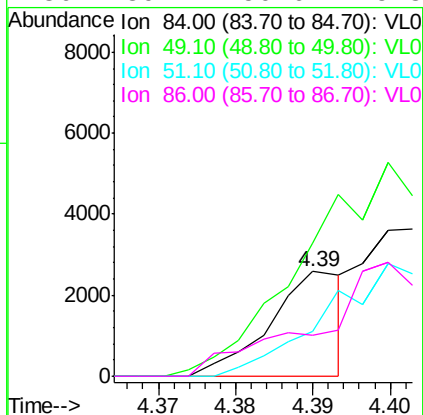
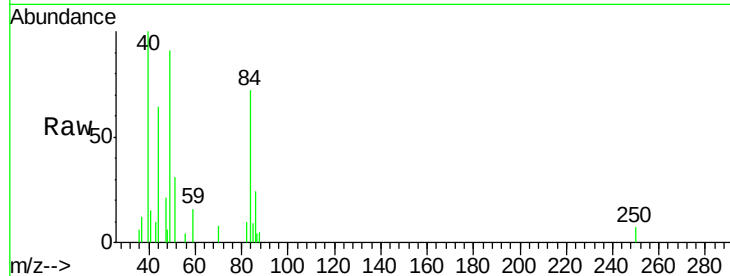




#20
Methvlene Chloride
Concen: 0.034 ppbv
RT: 4.39 min Scan# 452
Delta R.T. -0.01 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

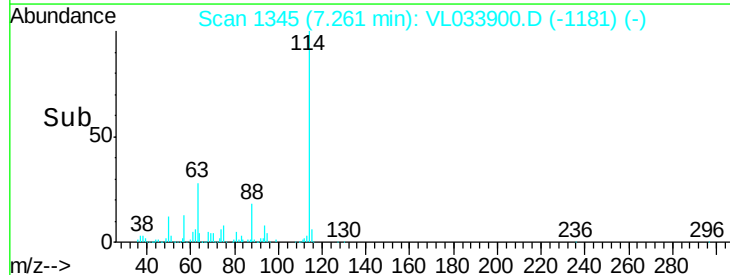
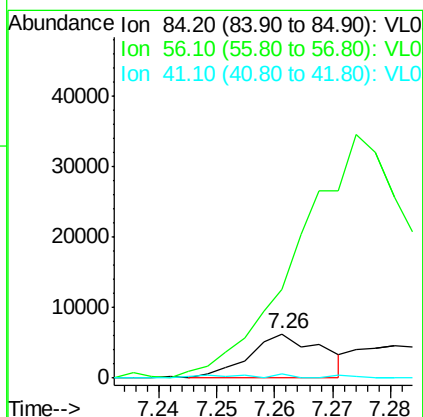
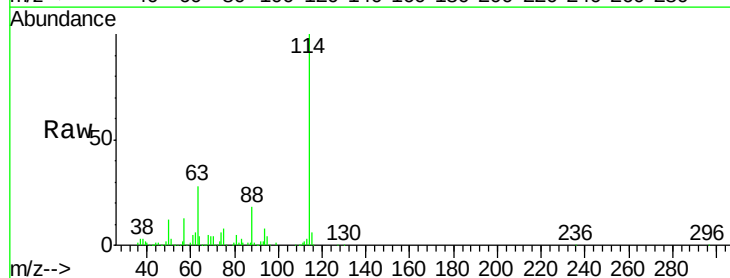
Instrument :
MSVOA_L
ClientSampleId :

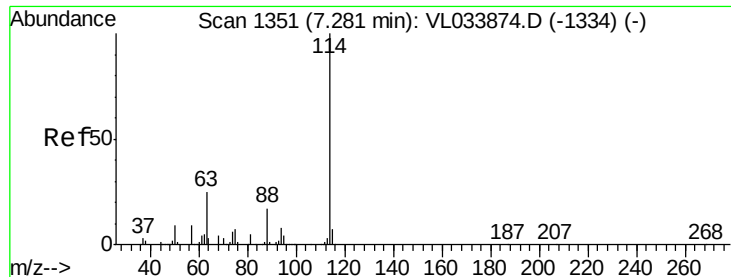
Tot Ion:	84	Resp:	1739
Ion	Ratio	Lower	Upper
84	100		
49	120.5	110.0	165.0
51	42.7	34.6	51.8
86	39.2	50.6	75.8#



#30
Cyclohexane
Concen: 0.086 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. 0.03 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Tgt Ion:	84	Resp:	5474
Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.8	158.8#
41	9.5	65.7	98.5#

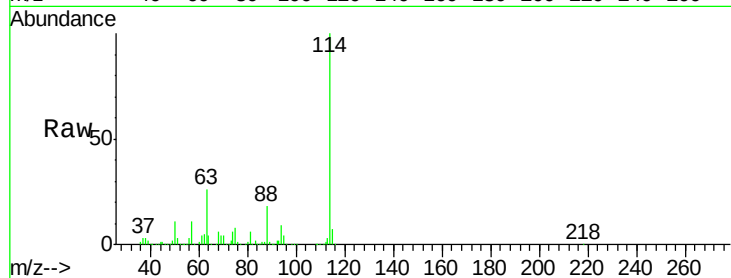




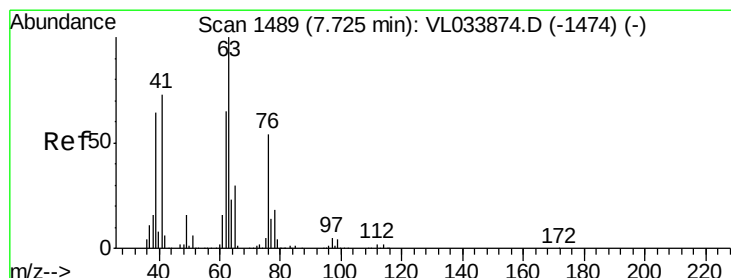
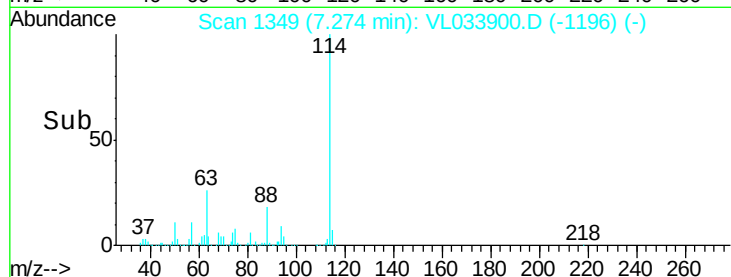
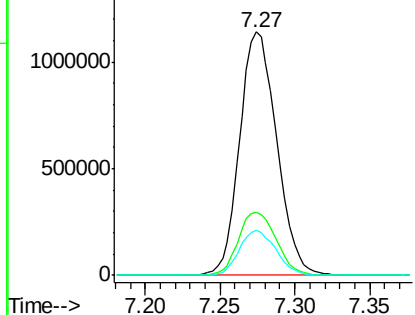
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: VL033900.D
 Acq: 13 Jun 2019 16:33

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 1966224
 Ion Ratio Lower Upper
 114 100
 63 26.7 21.1 31.7
 88 18.3 14.2 21.4

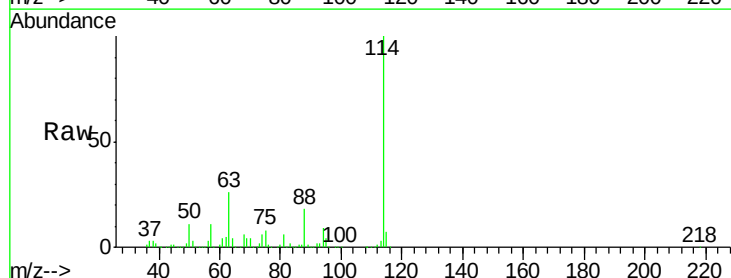


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

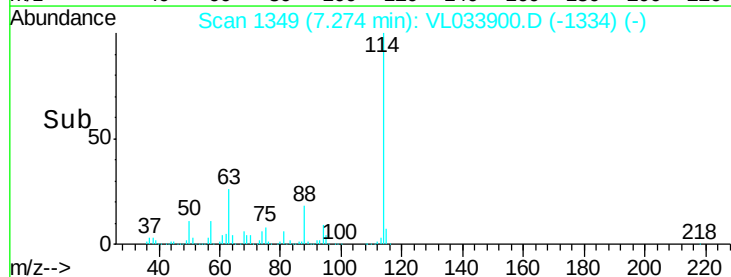
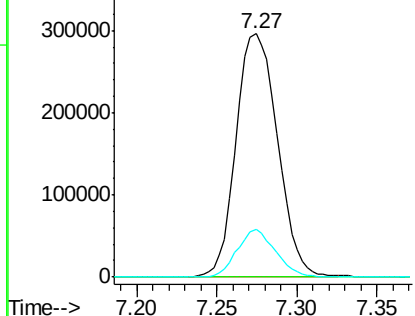


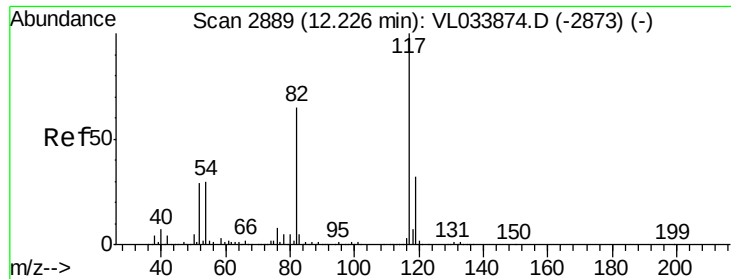
#39
 1,2-Dichloropropane
 Concen: 9.035 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.45 min
 Lab File: VL033900.D
 Acq: 13 Jun 2019 16:33

Tgt Ion: 63 Resp: 523747
 Ion Ratio Lower Upper
 63 100
 41 0.1 58.7 88.1#
 62 19.4 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

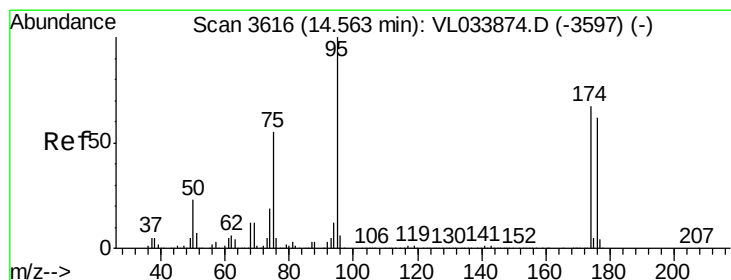
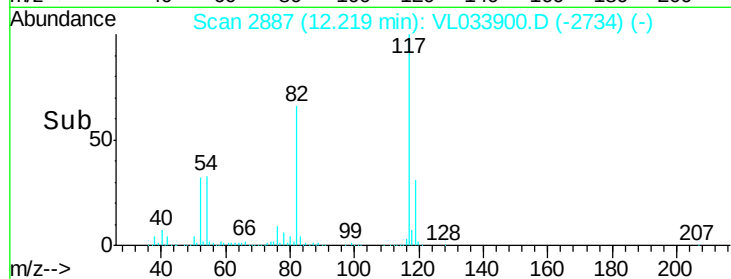
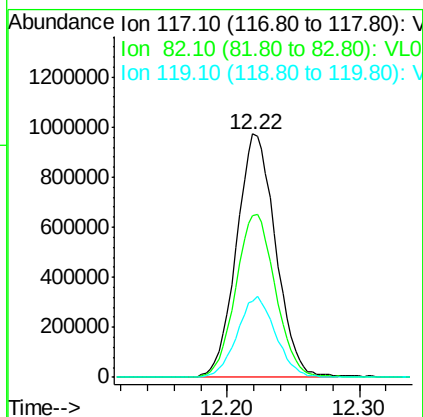
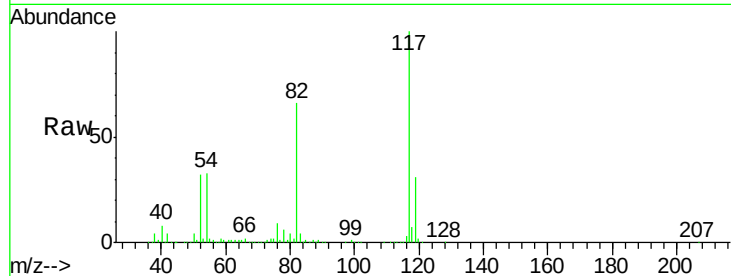




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 1992726
Ion Ratio Lower Upper
117 100
82 68.3 50.2 75.2
119 32.7 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.339 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033900.D
Acq: 13 Jun 2019 16:33

Tgt Ion: 95 Resp: 1528530
Ion Ratio Lower Upper
95 100
174 66.0 54.0 81.0
175 4.7 3.8 5.8

