

Data File : VL034851.D
Acq On : 9 Mar 2020 23:06
Operator : SY/AP
Sample : CAN 10281
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 11 04:08:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	917875	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2058675	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1991621	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1580727	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

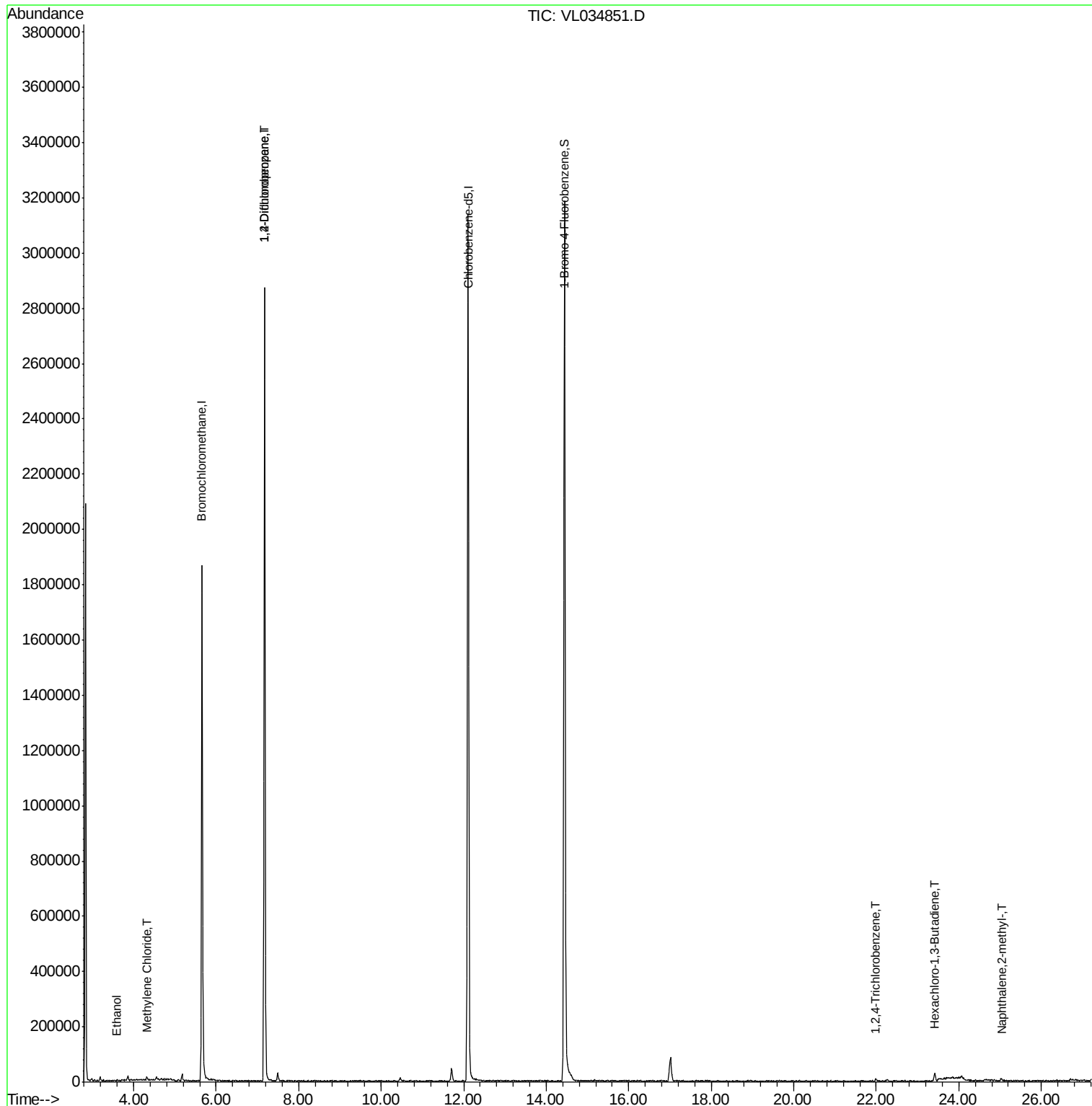
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.57	45	237	0.016	ppbv #	35
20) Methylene Chloride	4.31	84	1642	0.044	ppbv #	83
39) 1,2-Dichloropropane	7.17	63	534263	7.349	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.41	225	1318	0.011	ppbv #	18
80) Naphthalene,2-methyl-	25.04	142	6185	0.121	ppbv	91
81) 1,2,4-Trichlorobenzene	21.99	180	1305	0.010	ppbv #	19

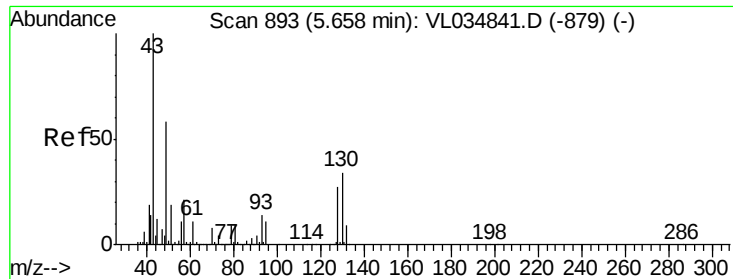
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

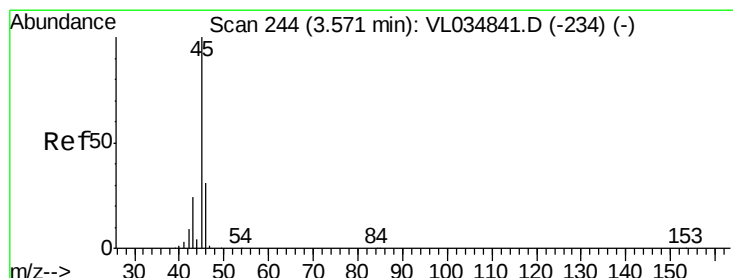
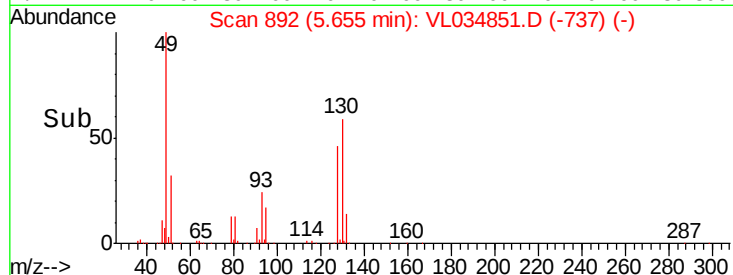
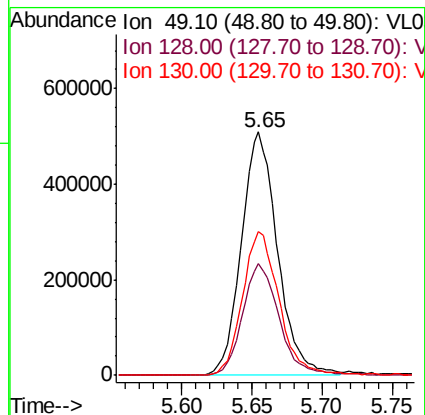
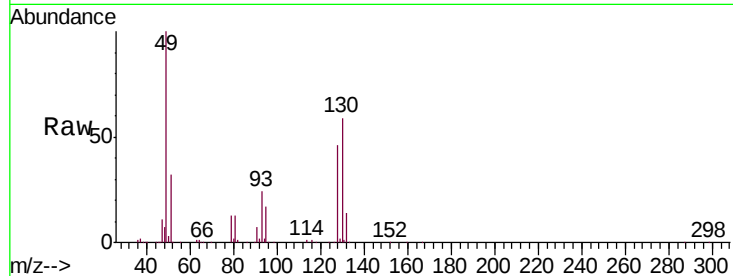
Delta R.T. -0.00 min

Lab File: VL034851.D

Acq: 9 Mar 2020 23:06

Instrument :
MSVOA_L
ClientSampled :

Tgt Ion:	49	Resp:	917875
Ion	Ratio	Lower	Upper
49	100		
128	46.6	23.4	70.3
130	60.4	30.0	90.0



#13

Ethanol

Concen: 0.016 ppbv

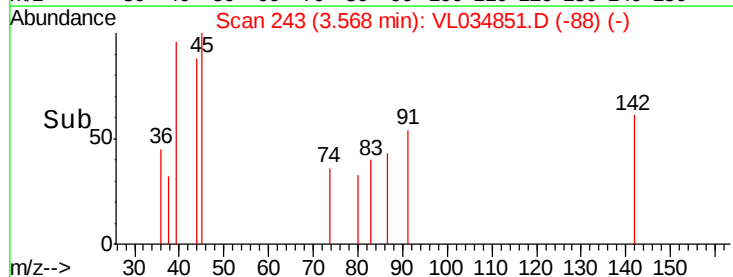
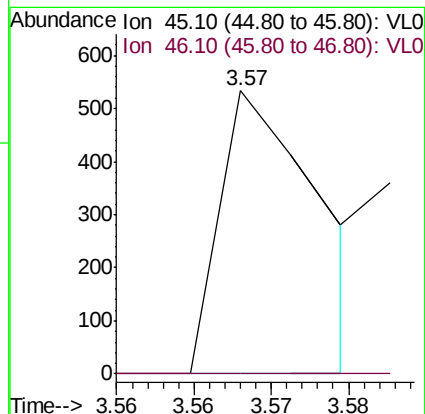
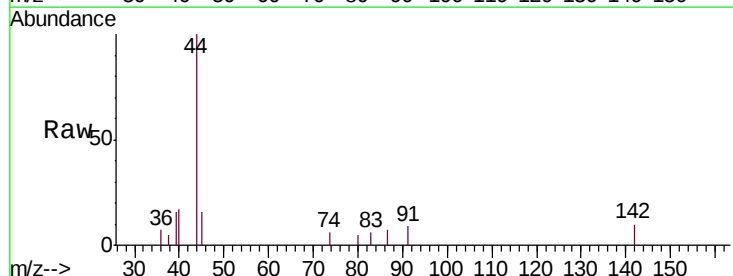
RT: 3.57 min Scan# 243

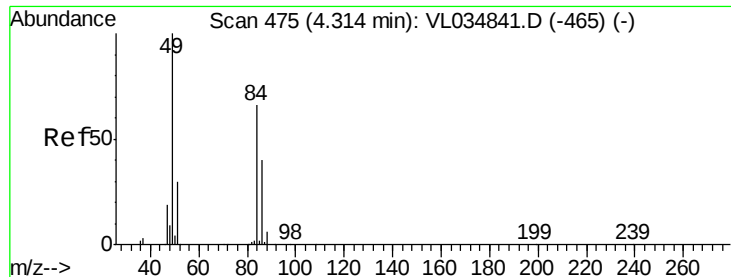
Delta R.T. -0.00 min

Lab File: VL034851.D

Acq: 9 Mar 2020 23:06

Tgt Ion:	45	Resp:	237
Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.0	64.0#





#20

Methylene Chloride

Concen: 0.044 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.00 min

Lab File: VL034851.D

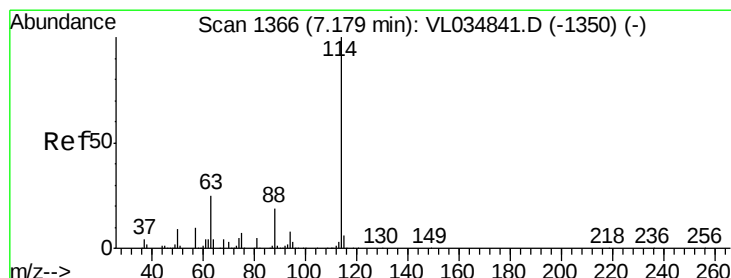
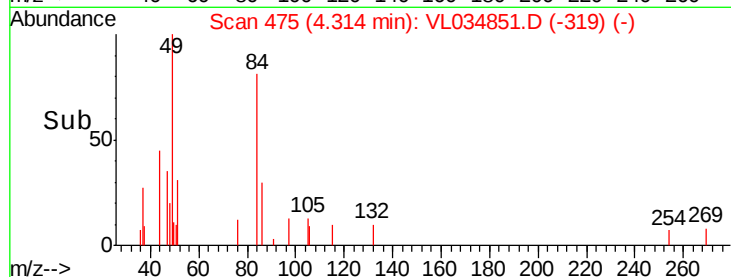
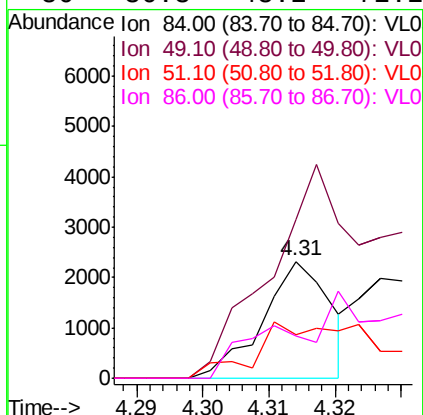
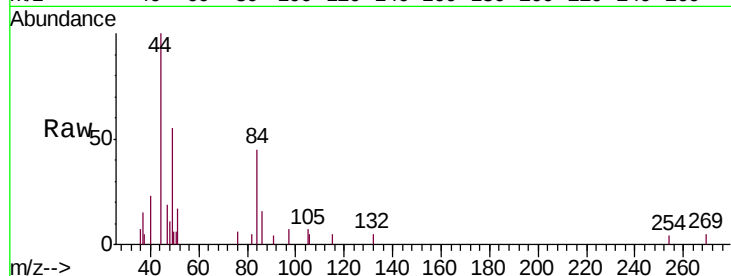
Acq: 9 Mar 2020 23:06

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	84	Resp:	1642
Ion	Ratio	Lower	Upper
84	100		
49	136.5	121.5	182.3
51	37.6	36.6	55.0
86	36.3	48.2	72.2#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

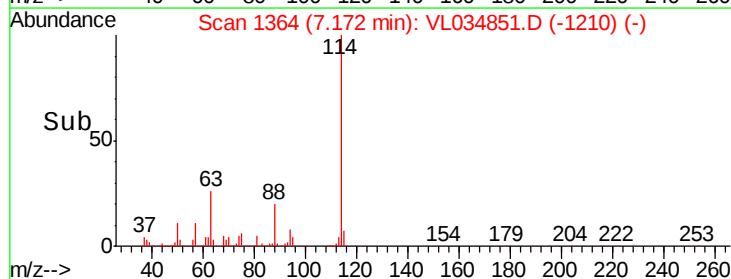
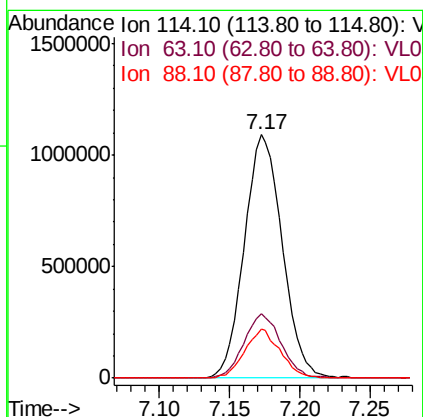
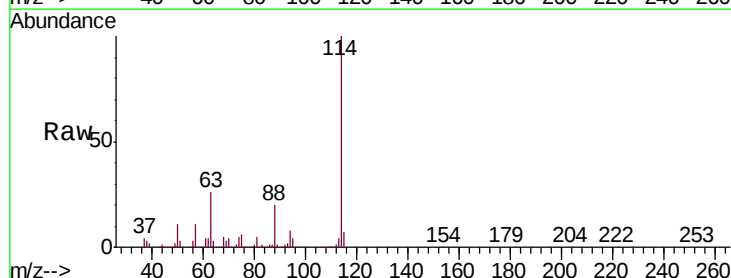
RT: 7.17 min Scan# 1364

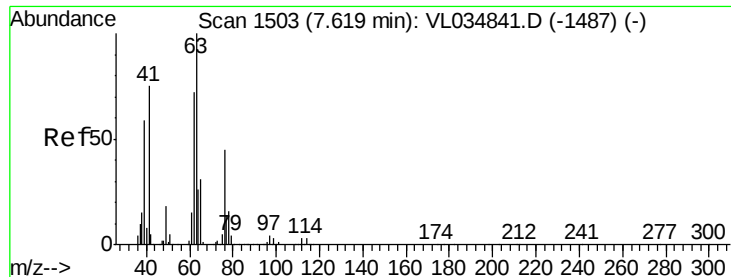
Delta R.T. -0.01 min

Lab File: VL034851.D

Acq: 9 Mar 2020 23:06

Tgt Ion:	114	Resp:	2058675
Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.6	31.0
88	18.8	15.0	22.6

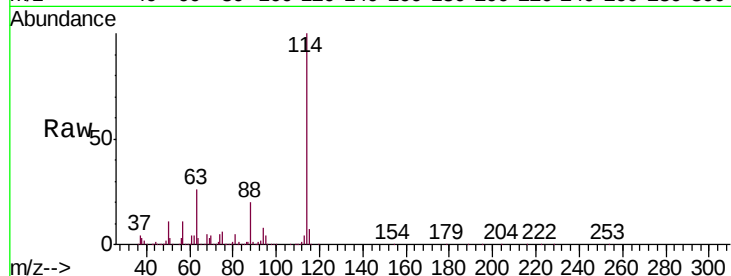




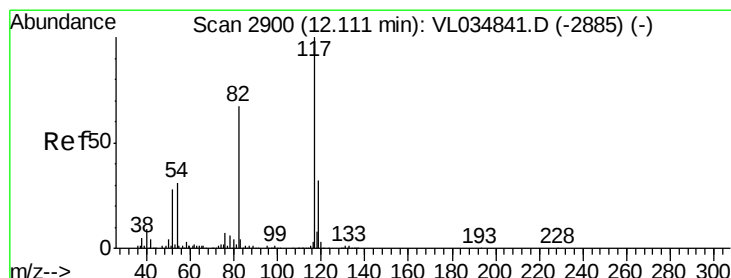
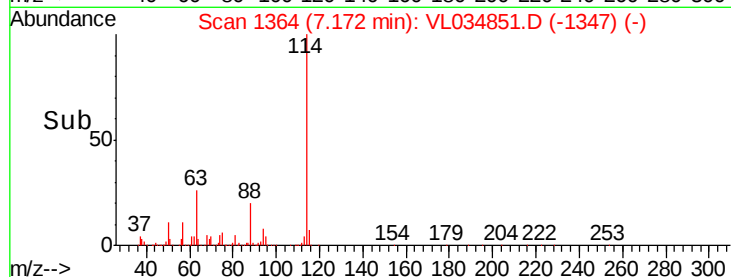
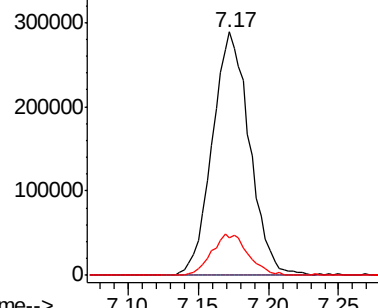
#39
 1,2-Dichloropropane
 Concen: 7.349 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL034851.D
 Acq: 9 Mar 2020 23:06

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	15.2	57.6	86.4#

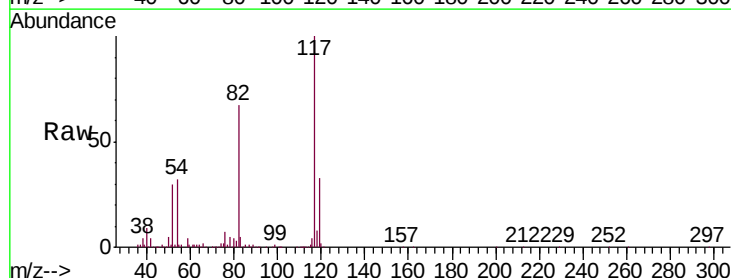


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

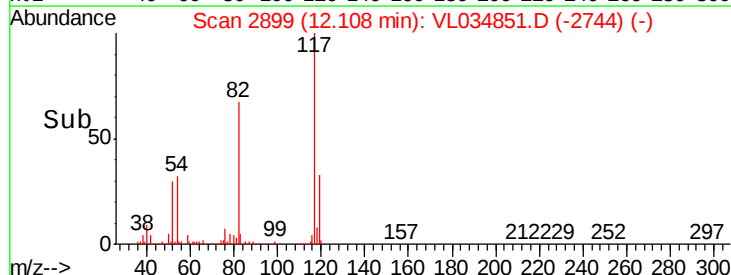
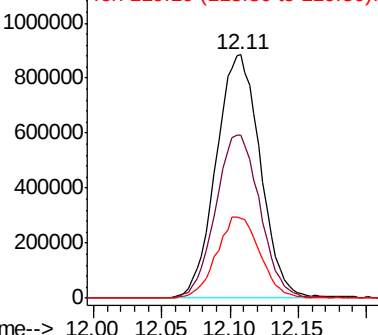


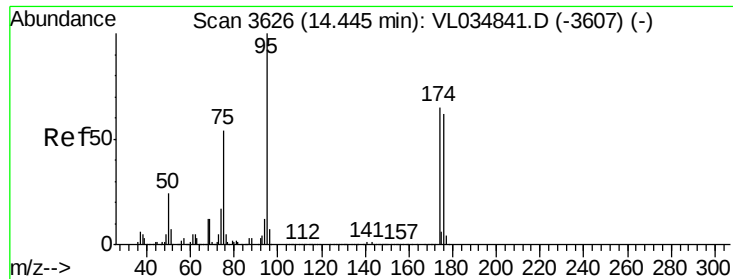
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VL034851.D
 Acq: 9 Mar 2020 23:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.8	51.1	76.7
119	33.0	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

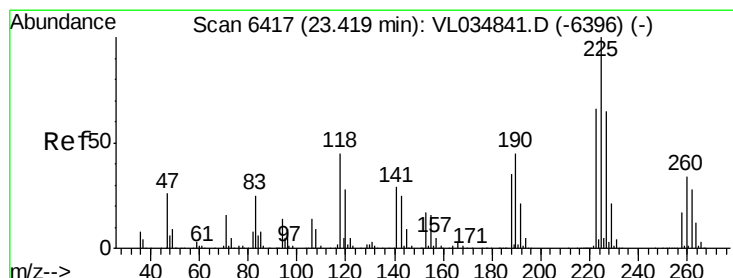
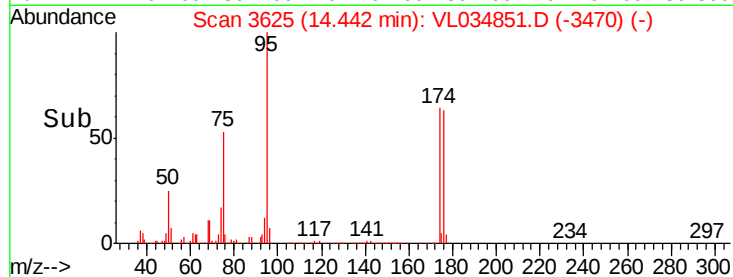
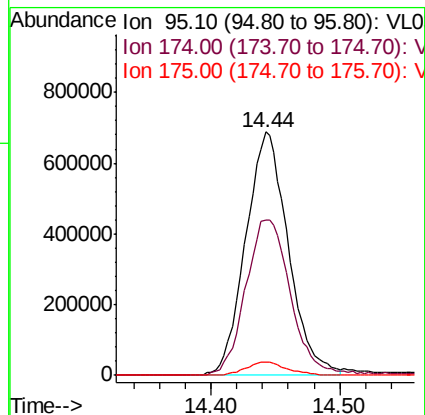
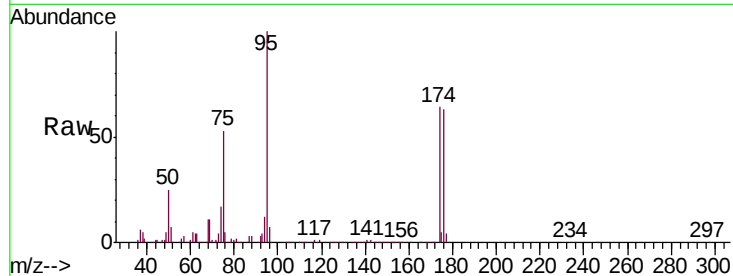




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.177 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL034851.D
 Acq: 9 Mar 2020 23:06

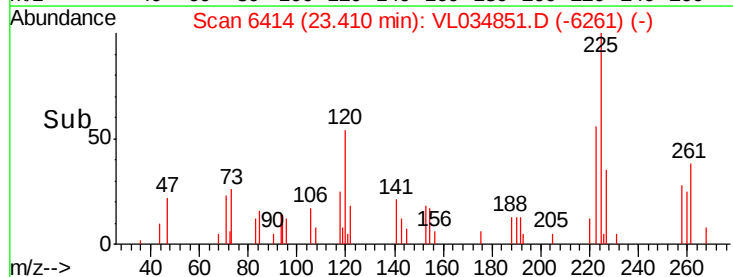
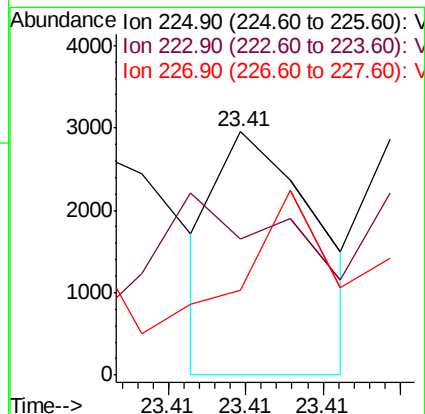
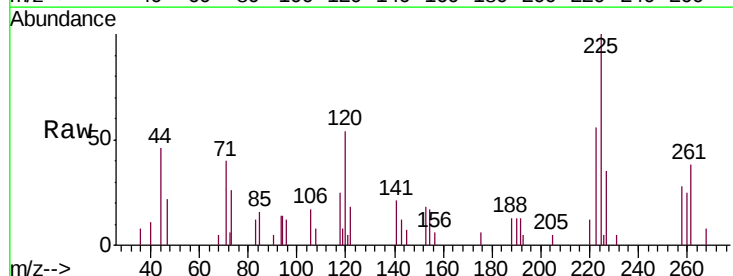
Instrument :
 MSVOA_L
 ClientSampleId :

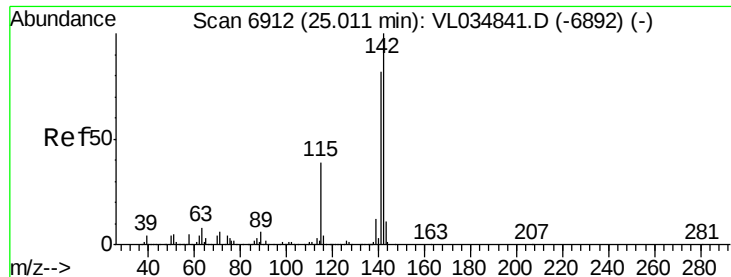
Tgt Ion: 95 Resp: 1580727
 Ion Ratio Lower Upper
 95 100
 174 68.7 55.2 82.8
 175 5.4 4.3 6.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.011 ppbv
 RT: 23.41 min Scan# 6414
 Delta R.T. -0.01 min
 Lab File: VL034851.D
 Acq: 9 Mar 2020 23:06

Tgt Ion: 225 Resp: 1318
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.1 76.7#
 227 0.0 51.8 77.6#

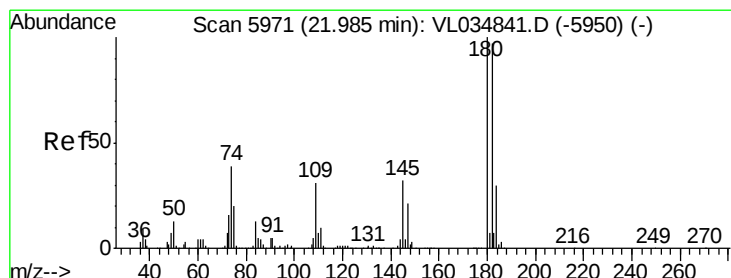
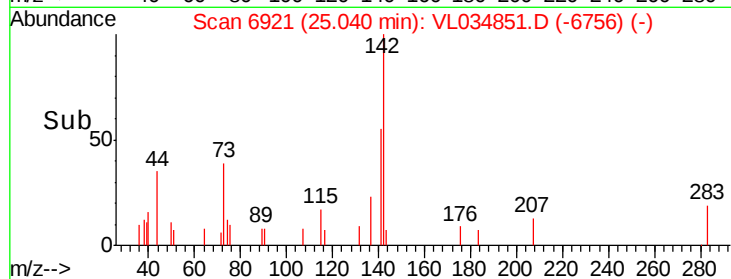
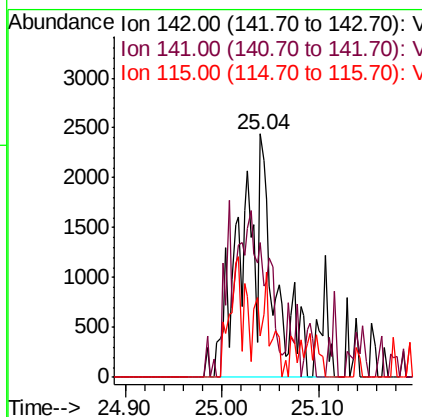
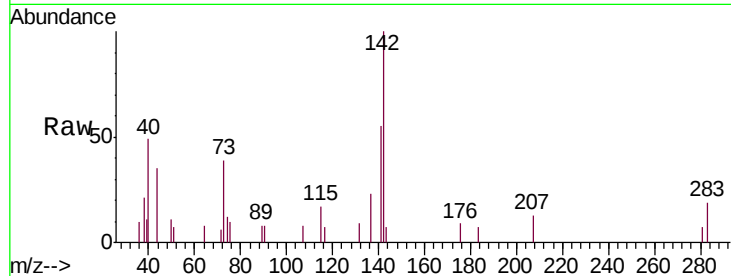




#80
Naphthalene, 2-methyl-
Concen: 0.121 ppbv
RT: 25.04 min Scan# 6921
Delta R.T. 0.03 min
Lab File: VL034851.D
Acq: 9 Mar 2020 23:06

Instrument :
MSVOA_L
ClientSampled :

Tgt Ion:142 Resp: 6185
Ion Ratio Lower Upper
142 100
141 76.4 68.9 103.3
115 37.4 33.2 49.8



#81
1,2,4-Trichlorobenzene
Concen: 0.010 ppbv
RT: 21.99 min Scan# 5972
Delta R.T. 0.00 min
Lab File: VL034851.D
Acq: 9 Mar 2020 23:06

Tgt Ion:180 Resp: 1305
Ion Ratio Lower Upper
180 100
182 0.0 76.6 115.0#
184 47.8 25.0 37.4#

