

Data File : VL034351.D
Acq On : 24 Oct 2019 18:12
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Oct 25 01:34:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1004006	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2217146	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	2181825	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1723984	9.33	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.30%

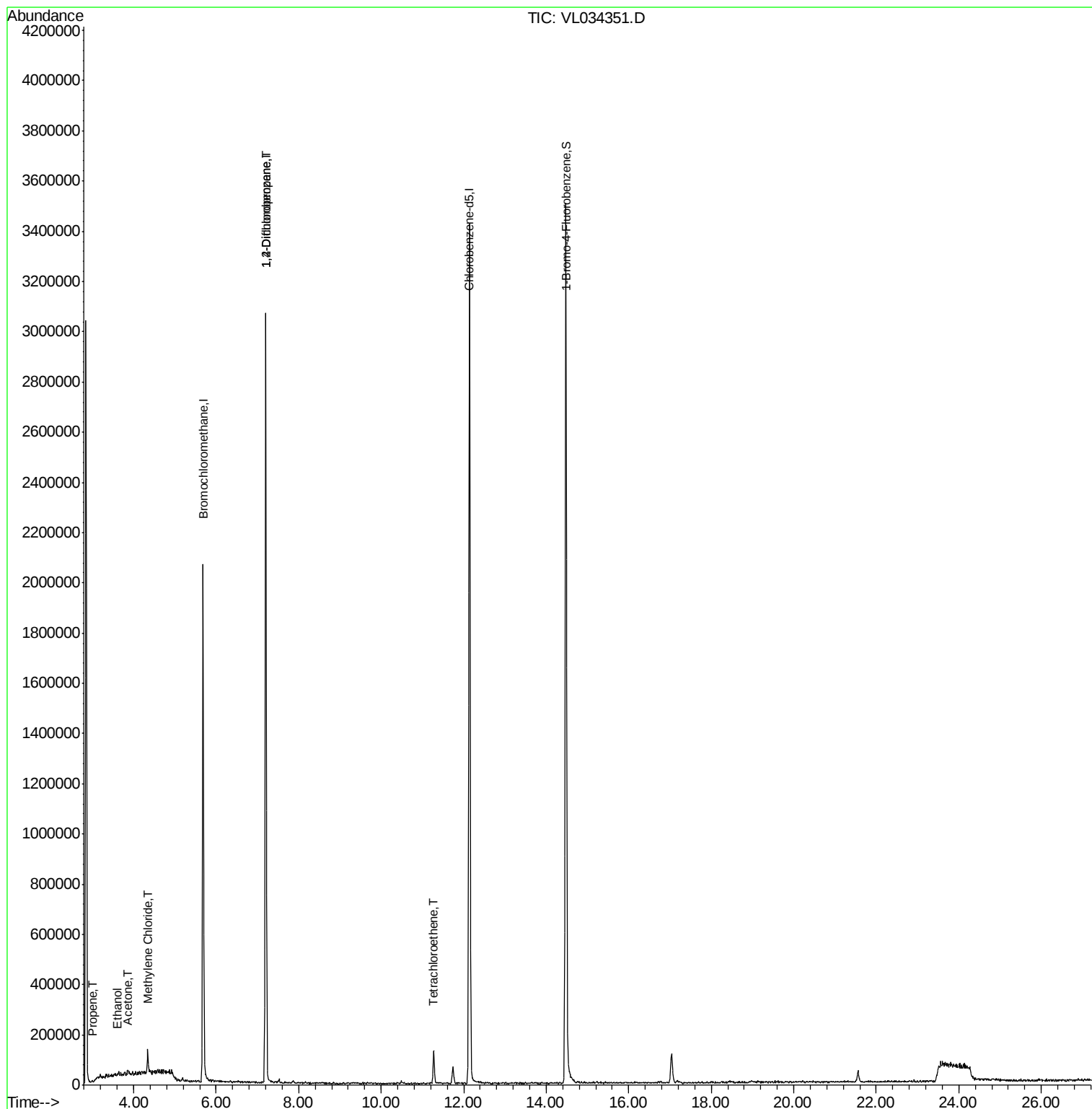
Target Compounds						Qvalue
9) Propene	2.99	41	1834	0.035	ppbv	93
13) Ethanol	3.61	45	563	0.048	ppbv #	36
15) Acetone	3.85	43	7566	0.053	ppbv #	50
20) Methylene Chloride	4.34	84	30928	0.596	ppbv #	92
39) 1,2-Dichloropropane	7.20	63	588592	6.426	ppbv #	22
52) Tetrachloroethene	11.28	164	30299	0.363	ppbv	89

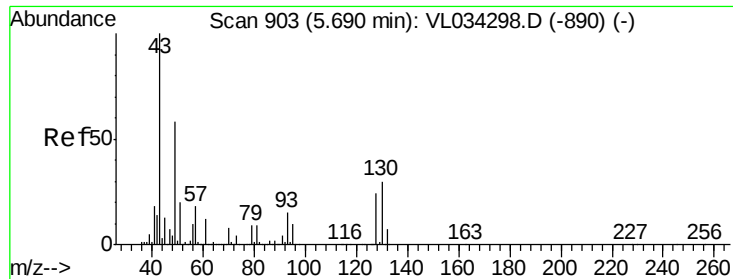
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL034351.D
Acq On : 24 Oct 2019 18:12
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Oct 25 01:34:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL034351.D

Acq: 24 Oct 2019 18:12

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

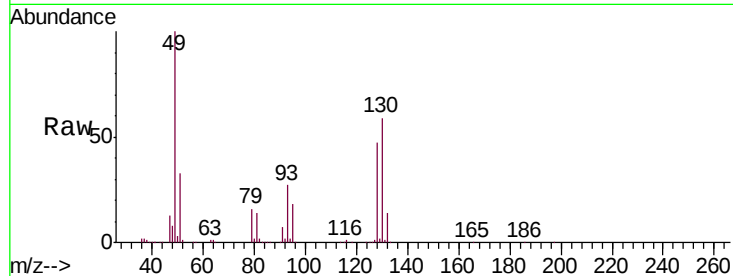
Tgt Ion: 49 Resp: 1004006

Ion Ratio Lower Upper

49 100

128 45.9 20.6 61.8

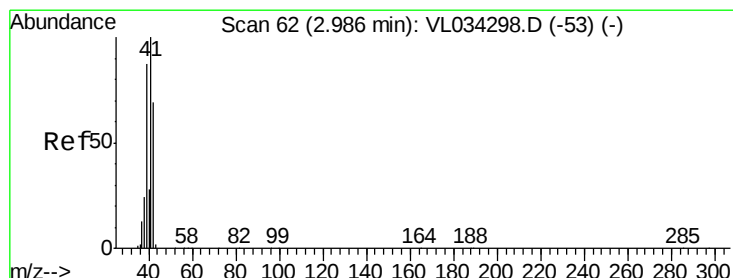
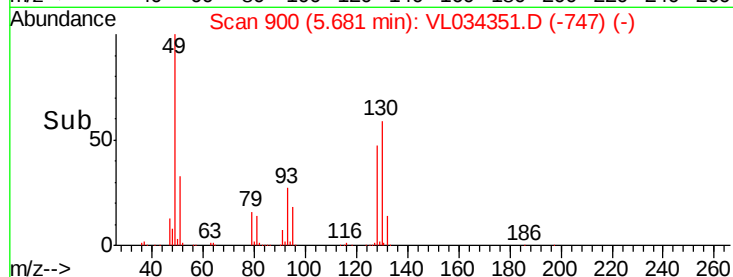
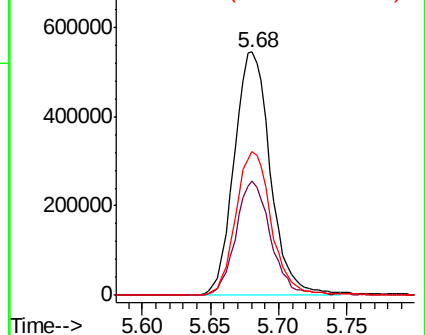
130 59.1 26.2 78.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.035 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.01 min

Lab File: VL034351.D

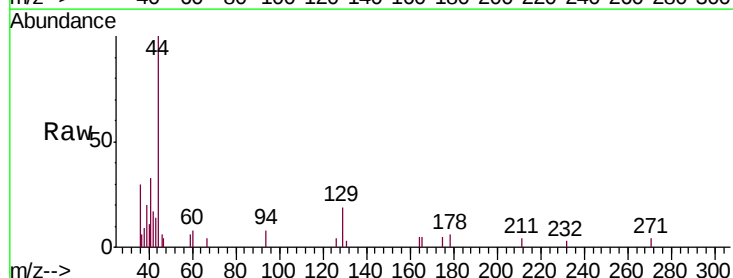
Acq: 24 Oct 2019 18:12

Tgt Ion: 41 Resp: 1834

Ion Ratio Lower Upper

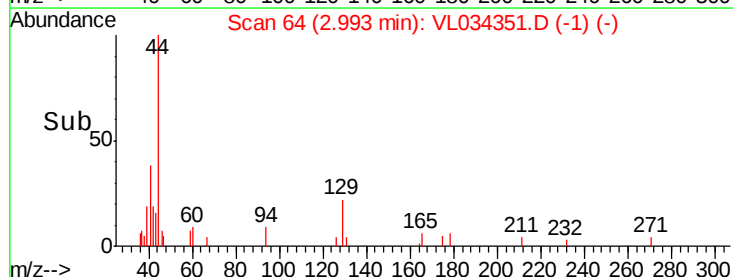
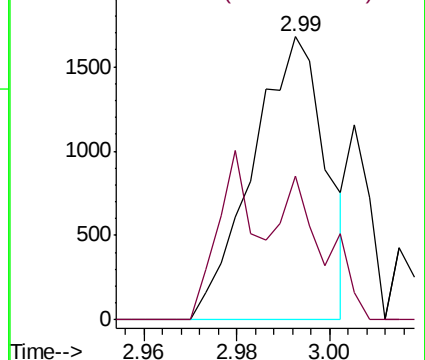
41 100

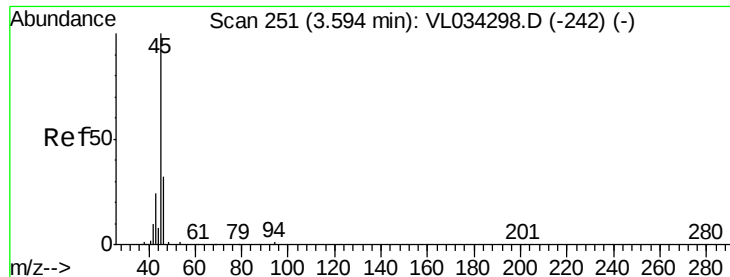
42 61.9 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

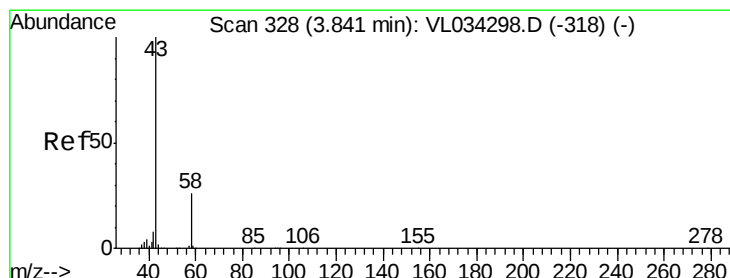
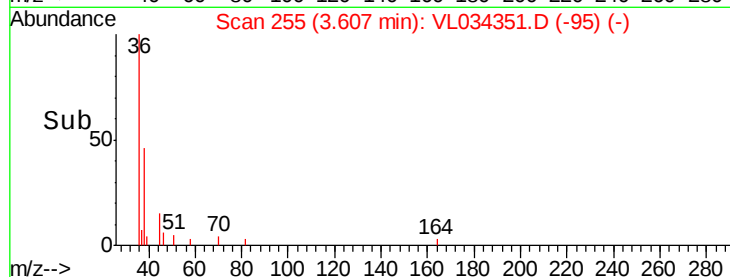
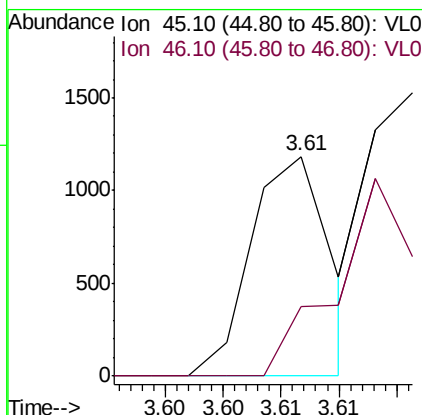
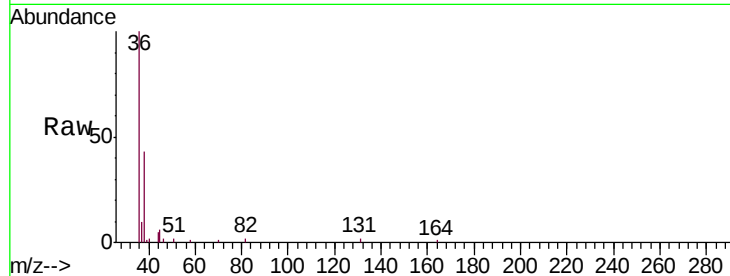




#13
Ethanol
Concen: 0.048 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL034351.D
Acq: 24 Oct 2019 18:12

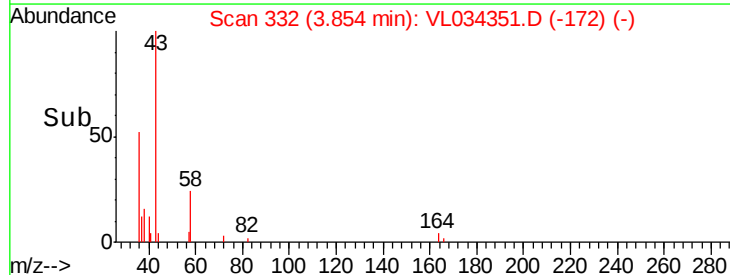
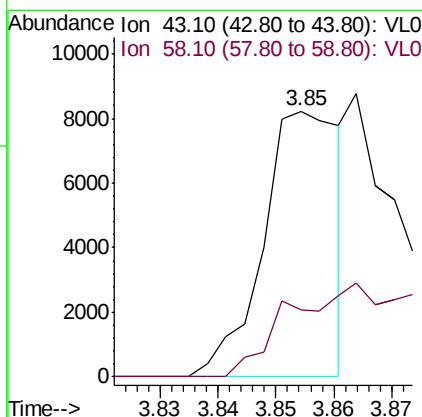
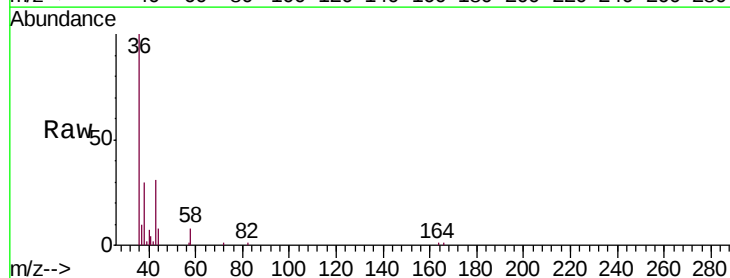
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

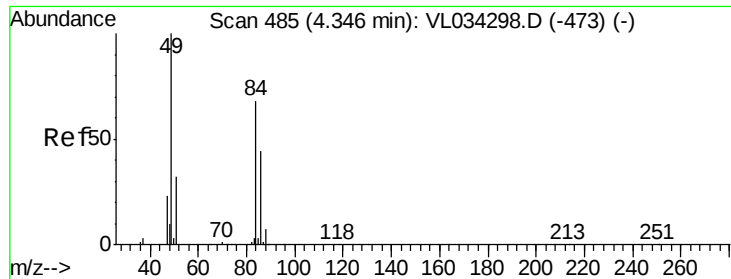
Tgt Ion: 45 Resp: 563
Ion Ratio Lower Upper
45 100
46 0.0 15.8 63.2#



#15
Acetone
Concen: 0.053 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL034351.D
Acq: 24 Oct 2019 18:12

Tgt Ion: 43 Resp: 7566
Ion Ratio Lower Upper
43 100
58 0.0 20.4 30.6#

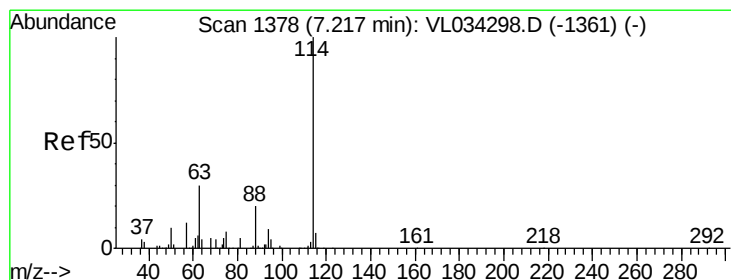
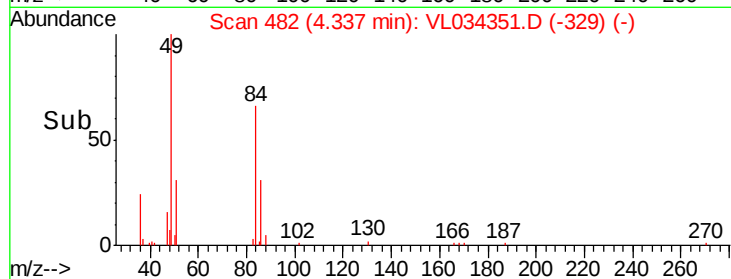
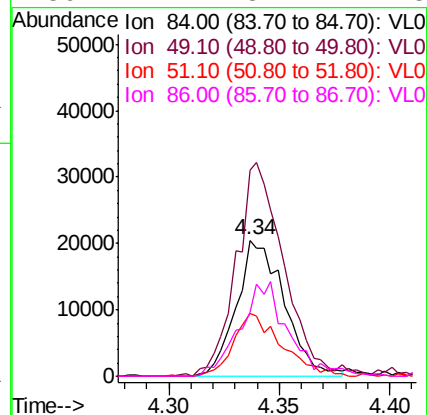
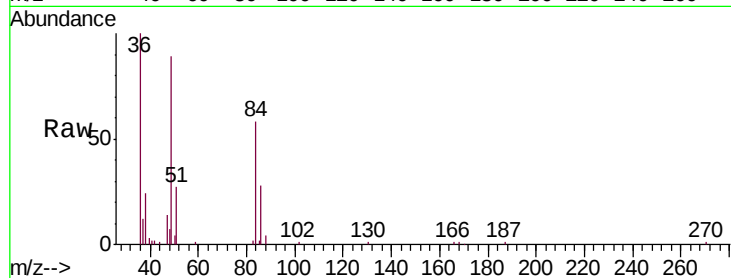




#20
Methylene Chloride
Concen: 0.596 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL034351.D
Acq: 24 Oct 2019 18:12

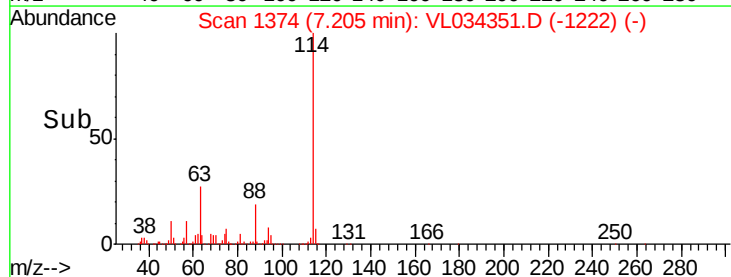
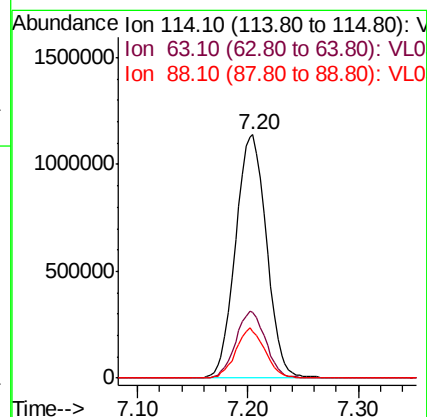
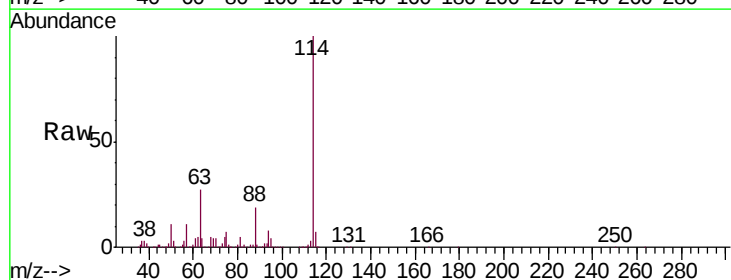
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

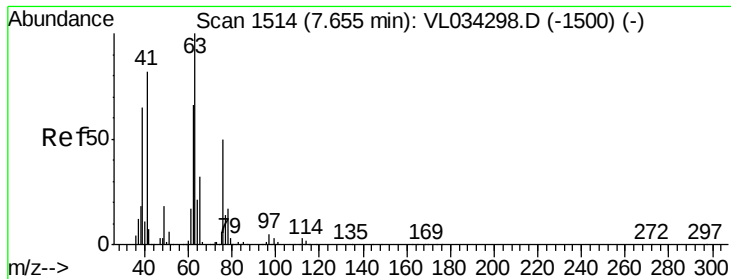
Tgt Ion: 84 Resp: 30928
Ion Ratio Lower Upper
84 100
49 151.8 118.5 177.7
51 46.5 38.8 58.2
86 47.1 51.7 77.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034351.D
Acq: 24 Oct 2019 18:12

Tgt Ion: 114 Resp: 2217146
Ion Ratio Lower Upper
114 100
63 26.8 25.2 37.8
88 19.3 16.0 24.0





#39

1,2-Dichloropropane

Concen: 6.426 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. -0.45 min

Lab File: VL034351.D

Acq: 24 Oct 2019 18:12

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

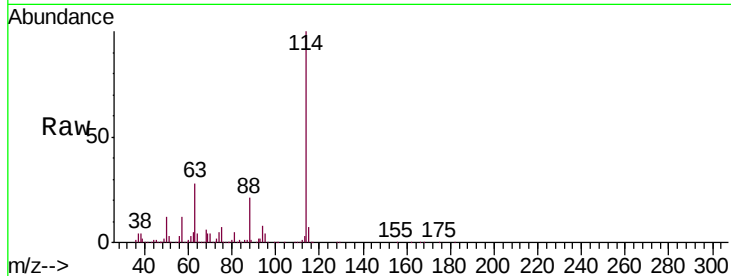
Tgt Ion: 63 Resp: 588592

Ion Ratio Lower Upper

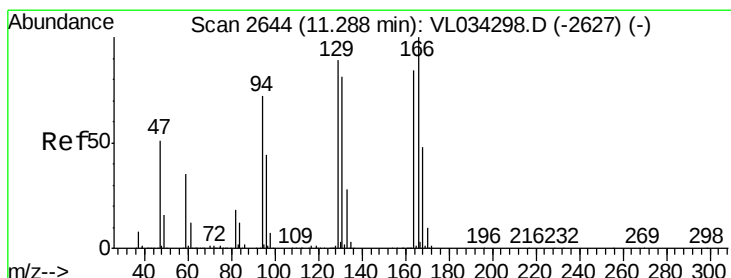
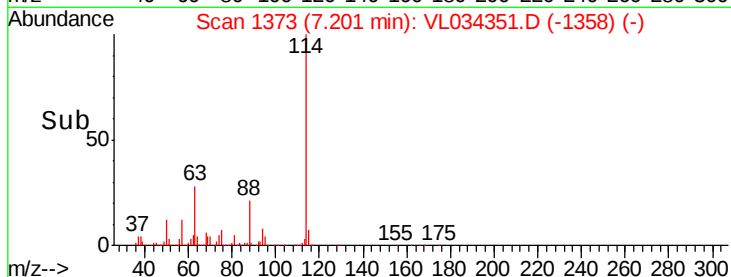
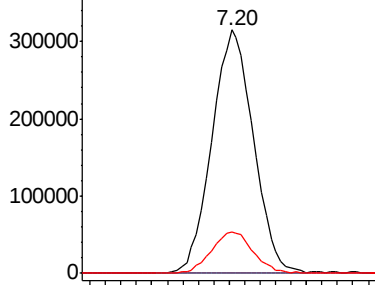
63 100

41 0.0 65.6 98.4#

62 17.1 53.0 79.6#



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



#52

Tetrachloroethene

Concen: 0.363 ppbv

RT: 11.28 min Scan# 2640

Delta R.T. -0.01 min

Lab File: VL034351.D

Acq: 24 Oct 2019 18:12

Tgt Ion: 164 Resp: 30299

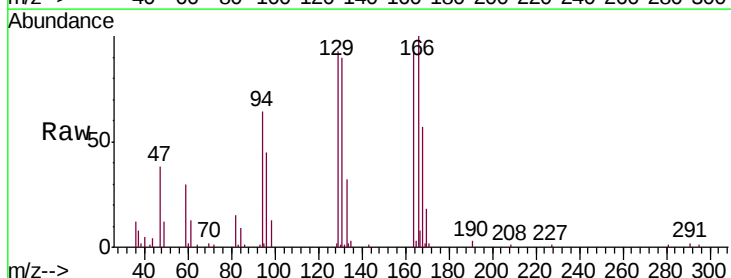
Ion Ratio Lower Upper

164 100

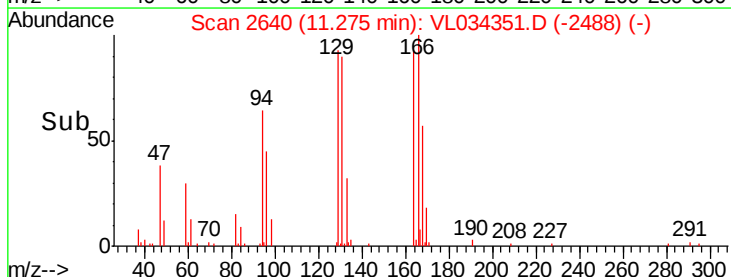
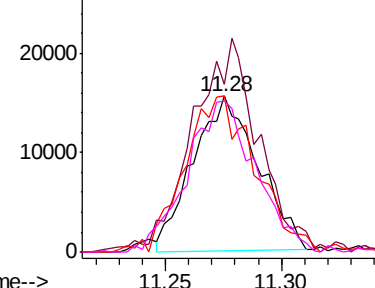
166 104.3 95.3 142.9

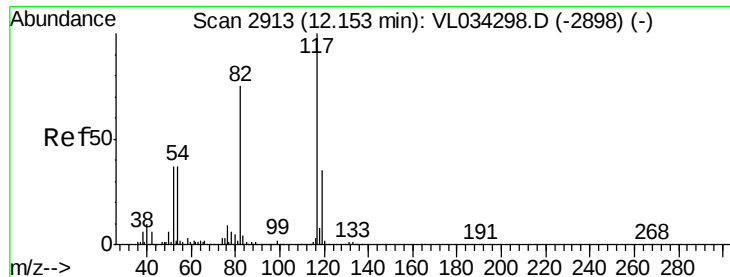
129 91.2 84.5 126.7

131 92.4 77.3 115.9



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

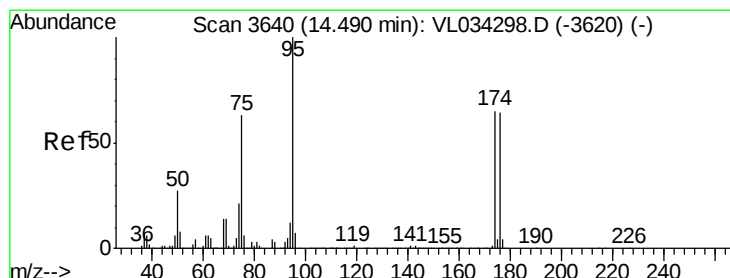
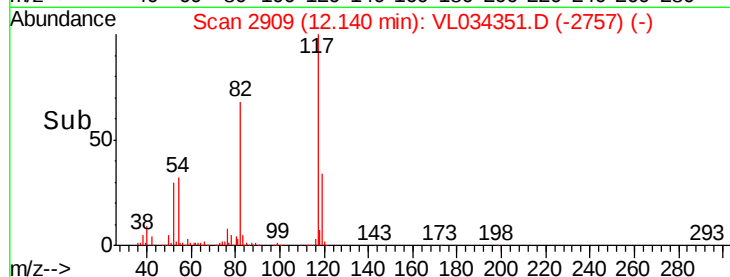
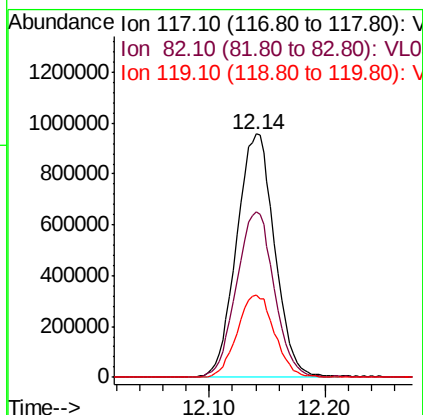
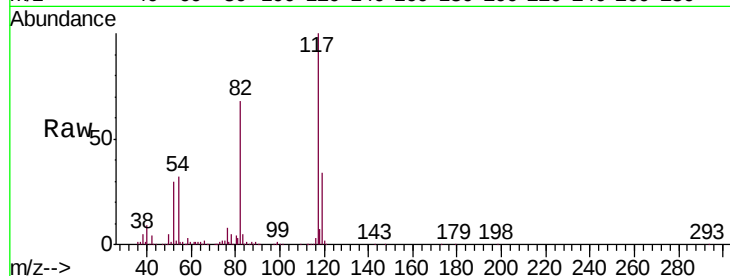




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL034351.D
Acq: 24 Oct 2019 18:12

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 2181825
Ion Ratio Lower Upper
117 100
82 68.0 55.5 83.3
119 33.4 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.330 ppbv
RT: 14.48 min Scan# 3636
Delta R.T. -0.01 min
Lab File: VL034351.D
Acq: 24 Oct 2019 18:12

Tgt Ion: 95 Resp: 1723984
Ion Ratio Lower Upper
95 100
174 71.7 52.6 78.8
175 5.2 3.8 5.6

