

Data File : VL034660.D
Acq On : 20 Feb 2020 00:59
Operator : SY/AP
Sample : L1532-10DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DC-SSDL

Quant Time: Feb 20 06:52:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	689866	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	1452199	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1497542	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1267421	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

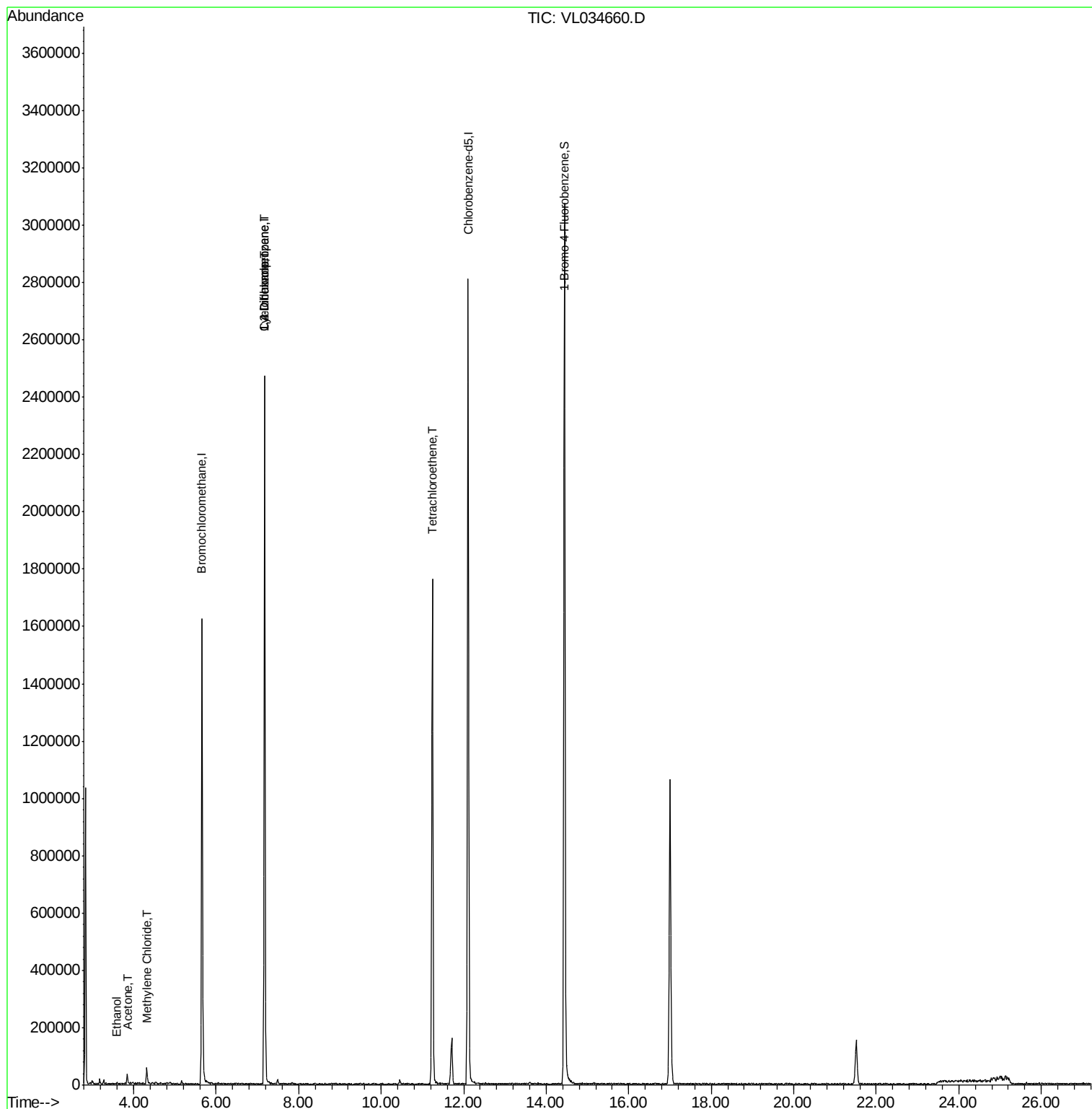
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.58	45	1571	0.181	ppbv #	38
15) Acetone	3.84	43	30252	0.298	ppbv #	50
20) Methylene Chloride	4.32	84	8924	0.231	ppbv	93
30) Cyclohexane	7.16	84	3064	0.060	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	429028	8.014	ppbv #	18
52) Tetrachloroethene	11.24	164	360447	6.948	ppbv	98

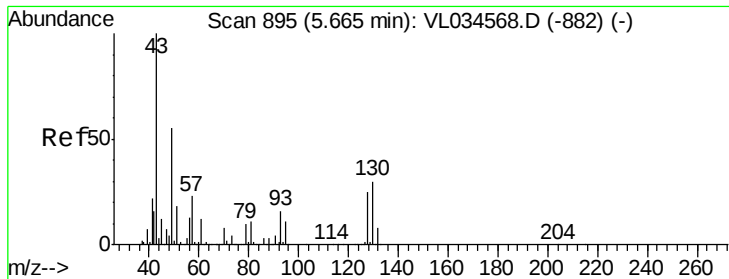
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL034660.D
Acq On : 20 Feb 2020 00:59
Operator : SY/AP
Sample : L1532-10DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DC-SSDL

Quant Time: Feb 20 06:52:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034660.D

Acq: 20 Feb 2020 00:59

Instrument :

MSVOA_L

ClientSampleId :

DC-SSDL

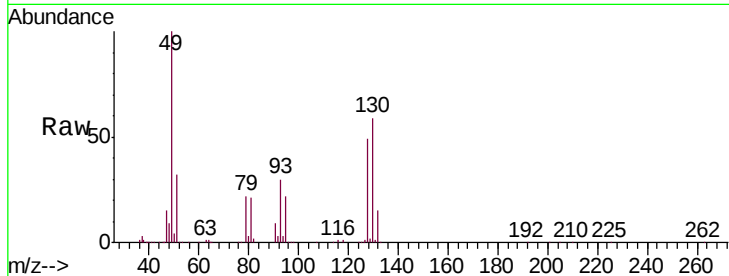
Tgt Ion: 49 Resp: 689866

Ion Ratio Lower Upper

49 100

128 48.1 22.7 68.1

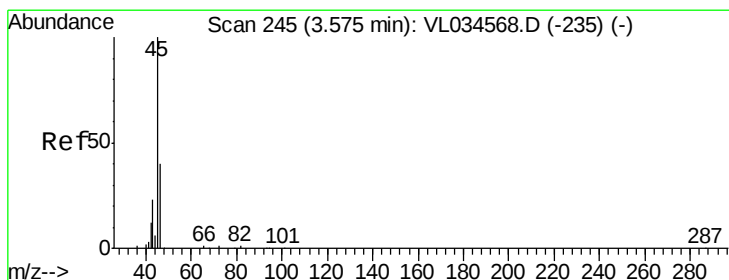
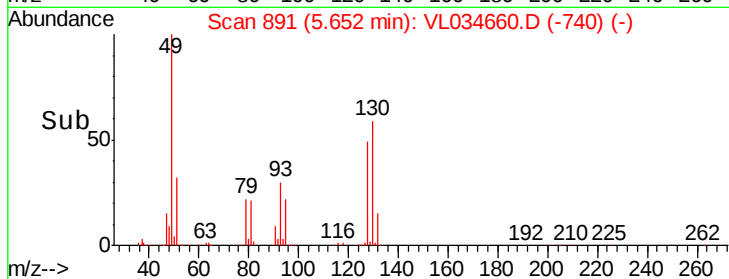
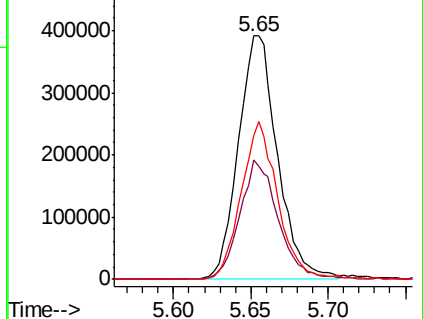
130 60.9 28.6 85.8



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



#13

Ethanol

Concen: 0.181 ppbv

RT: 3.58 min Scan# 248

Delta R.T. 0.01 min

Lab File: VL034660.D

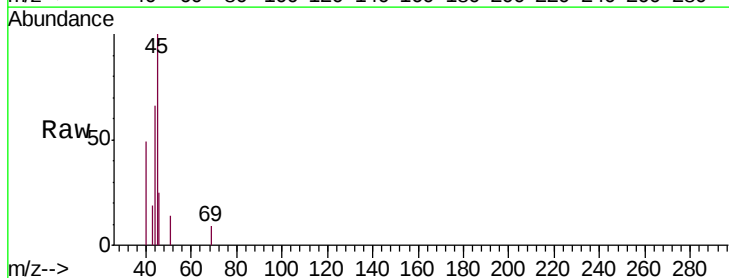
Acq: 20 Feb 2020 00:59

Tgt Ion: 45 Resp: 1571

Ion Ratio Lower Upper

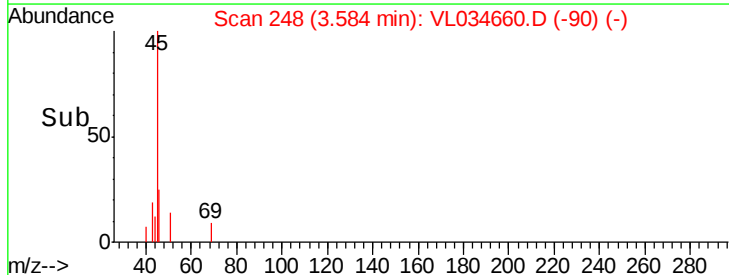
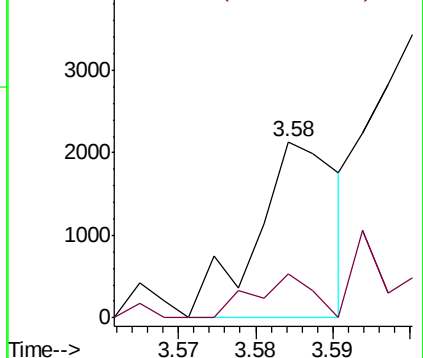
45 100

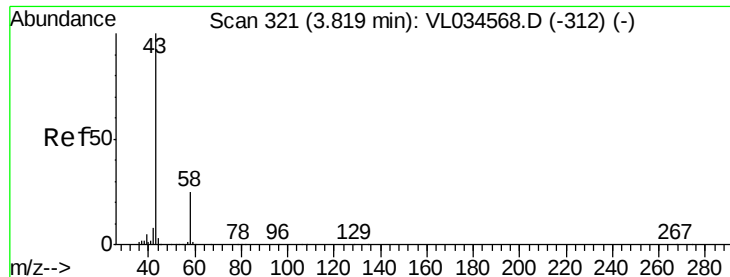
46 0.0 14.8 59.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.298 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.02 min

Lab File: VL034660.D

Acq: 20 Feb 2020 00:59

Instrument :

MSVOA_L

ClientSampleId :

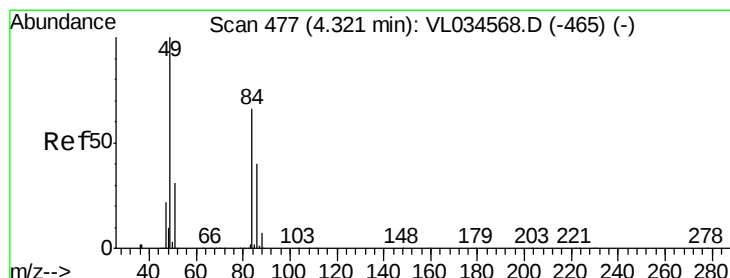
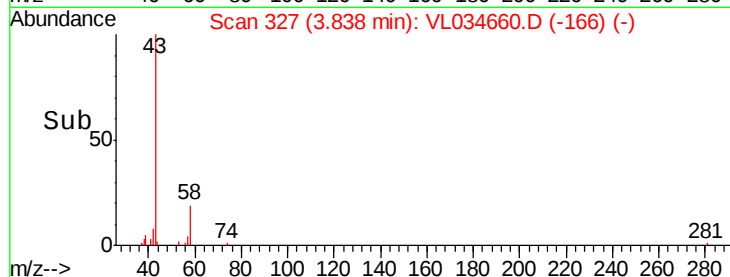
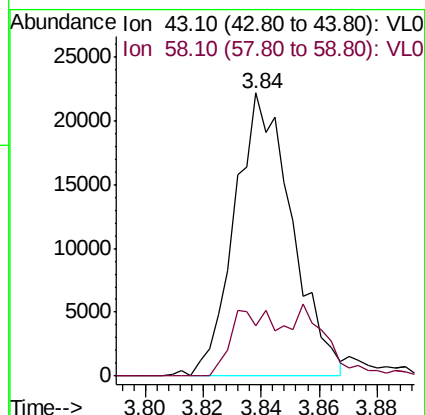
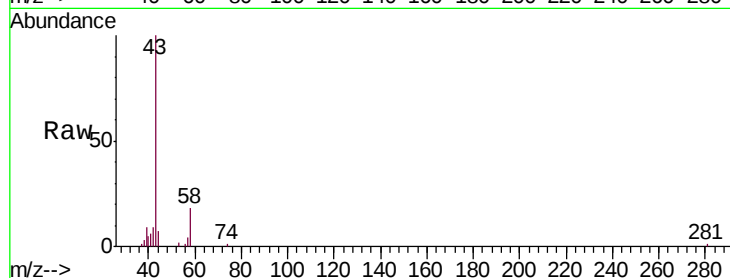
DC-SSDL

Tgt Ion: 43 Resp: 30252

Ion Ratio Lower Upper

43 100

58 0.0 20.3 30.5#



#20

Methylene Chloride

Concen: 0.231 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.00 min

Lab File: VL034660.D

Acq: 20 Feb 2020 00:59

Tgt Ion: 84 Resp: 8924

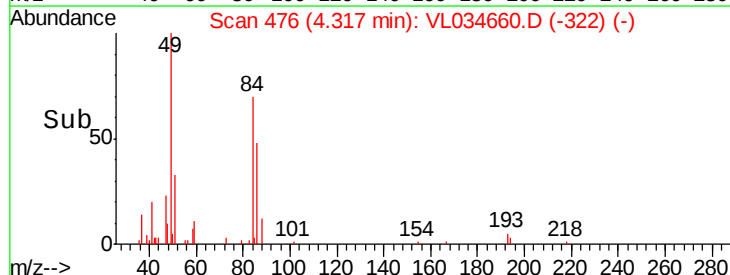
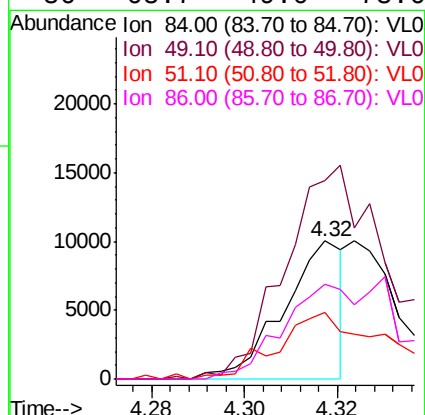
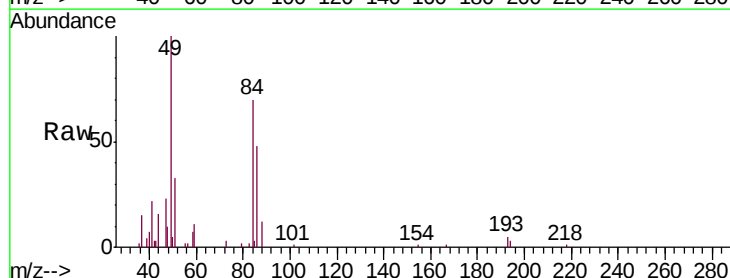
Ion Ratio Lower Upper

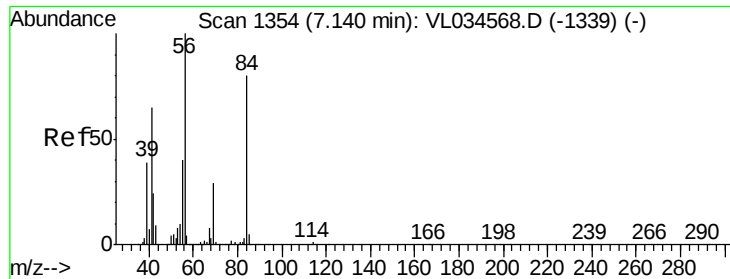
84 100

49 143.7 122.4 183.6

51 47.8 38.6 57.8

86 68.7 49.0 73.6

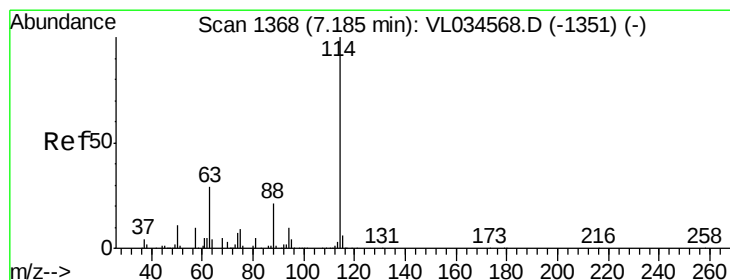
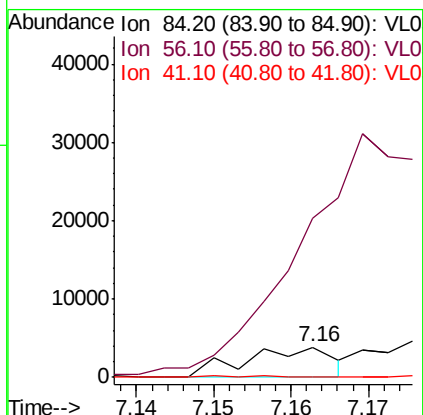
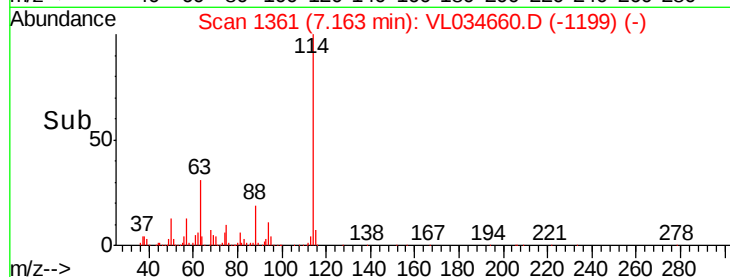
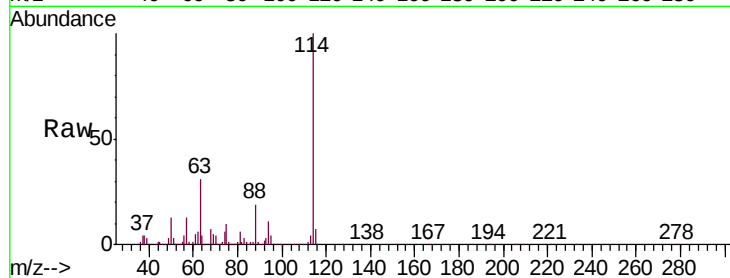




#30
Cyclohexane
Concen: 0.060 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.02 min
Lab File: VL034660.D
Acq: 20 Feb 2020 00:59

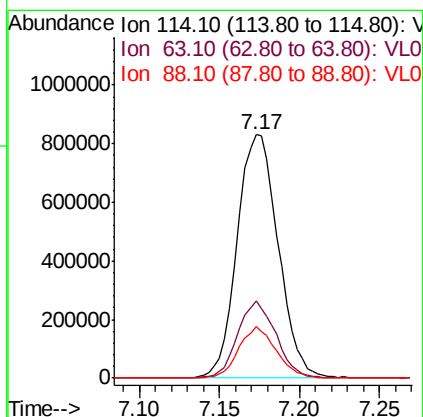
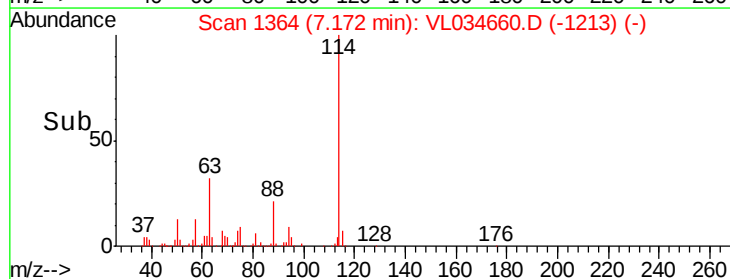
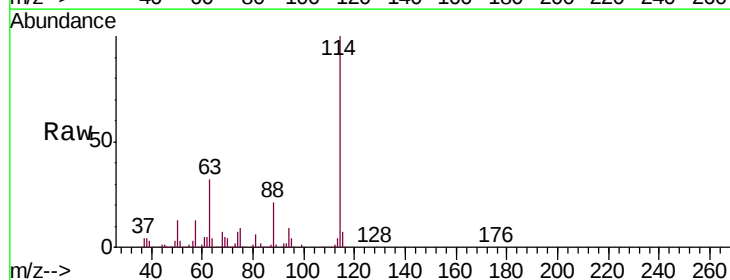
Instrument :
MSVOA_L
ClientSampleId :
DC-SSDL

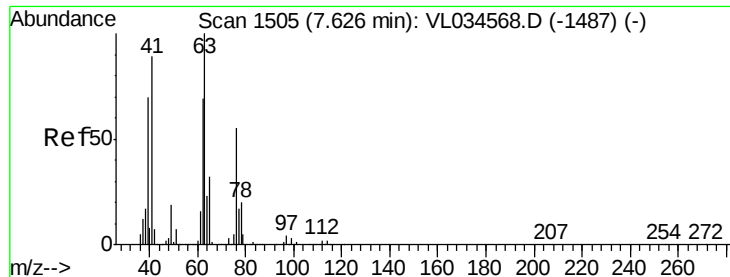
Tgt Ion: 84 Resp: 3064
Ion Ratio Lower Upper
84 100
56 0.0 110.5 165.7#
41 11.6 71.9 107.9#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL034660.D
Acq: 20 Feb 2020 00:59

Tgt Ion: 114 Resp: 1452199
Ion Ratio Lower Upper
114 100
63 29.7 24.1 36.1
88 19.3 15.9 23.9





#39

1,2-Dichloropropane

Concen: 8.014 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL034660.D

Acq: 20 Feb 2020 00:59

Instrument :

MSVOA_L

ClientSampleId :

DC-SSDL

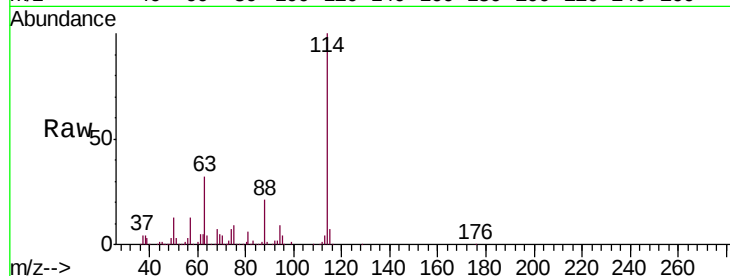
Tgt Ion: 63 Resp: 429028

Ion Ratio Lower Upper

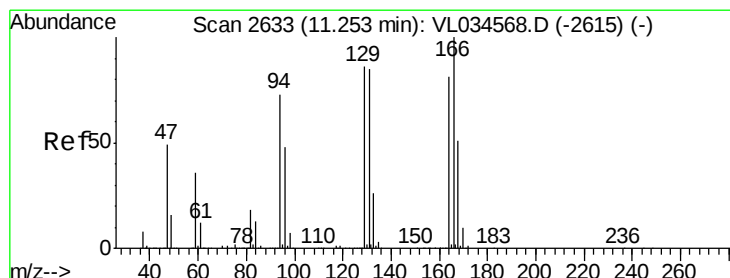
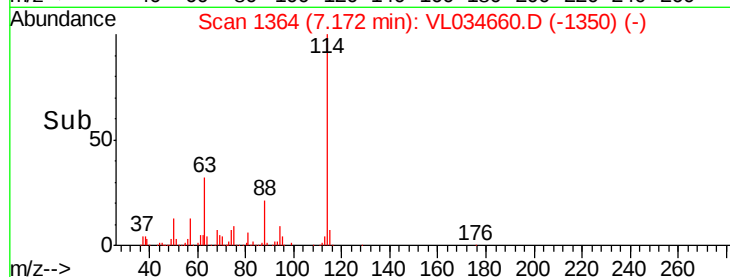
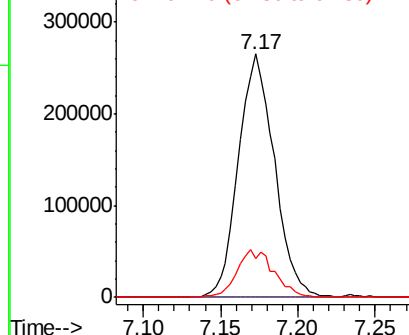
63 100

41 0.0 71.0 106.4#

62 15.9 55.4 83.0#



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: 6.948 ppbv

RT: 11.24 min Scan# 2630

Delta R.T. -0.01 min

Lab File: VL034660.D

Acq: 20 Feb 2020 00:59

Tgt Ion: 164 Resp: 360447

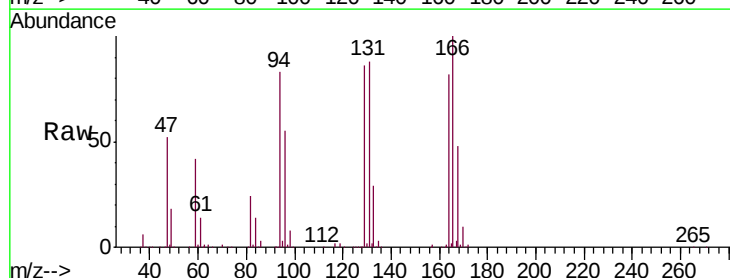
Ion Ratio Lower Upper

164 100

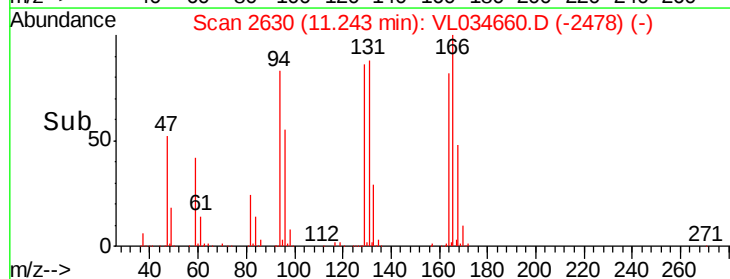
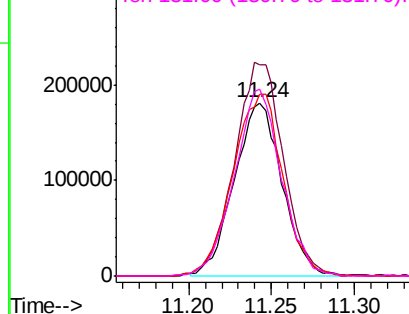
166 121.4 99.0 148.4

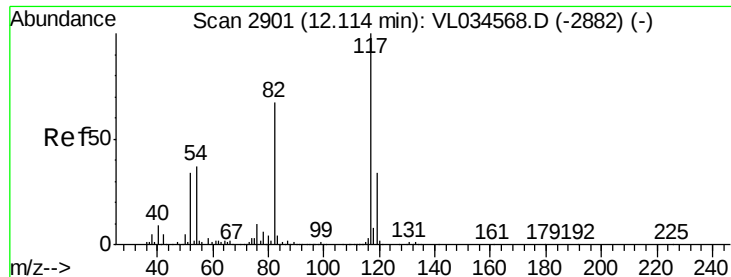
129 104.1 85.3 127.9

131 107.6 84.2 126.2



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

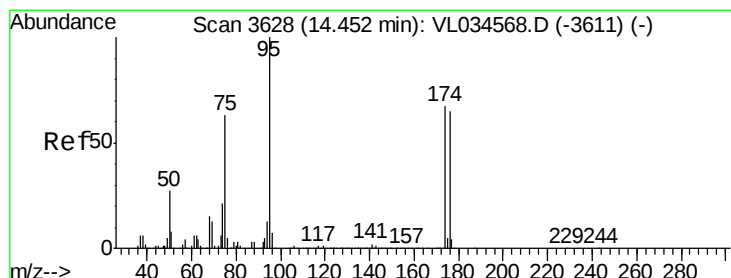
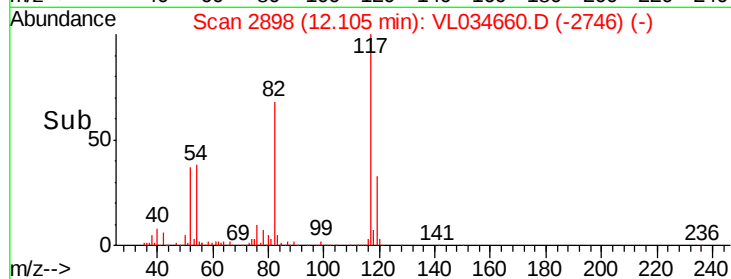
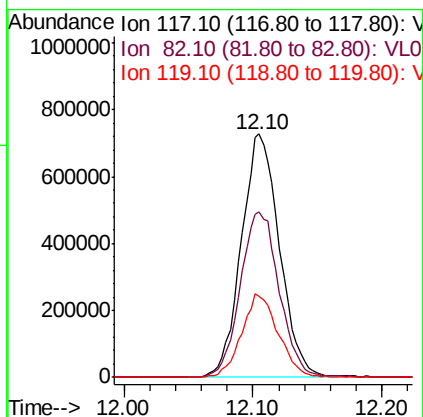
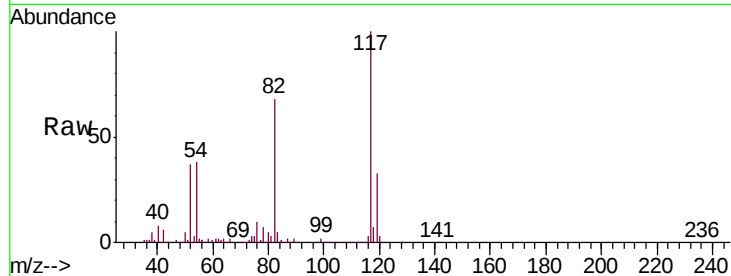




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034660.D
Acq: 20 Feb 2020 00:59

Instrument :
MSVOA_L
ClientSampleId :
DC-SSDL

Tgt Ion: 117 Resp: 1497542
Ion Ratio Lower Upper
117 100
82 69.5 54.2 81.4
119 32.9 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.014 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL034660.D
Acq: 20 Feb 2020 00:59

Tgt Ion: 95 Resp: 1267421
Ion Ratio Lower Upper
95 100
174 63.1 52.3 78.5
175 4.3 3.8 5.6

