

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL010220\
 Data File : VL034552.D
 Acq On : 2 Jan 2020 18:39
 Operator : SY/AP
 Sample : K6473-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 50-1DL

Quant Time: Jan 03 01:11:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 30 14:58:50 2019
 QLast Update : Mon Dec 30 14:58:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	929263	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1863280	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1817550	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1527818	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

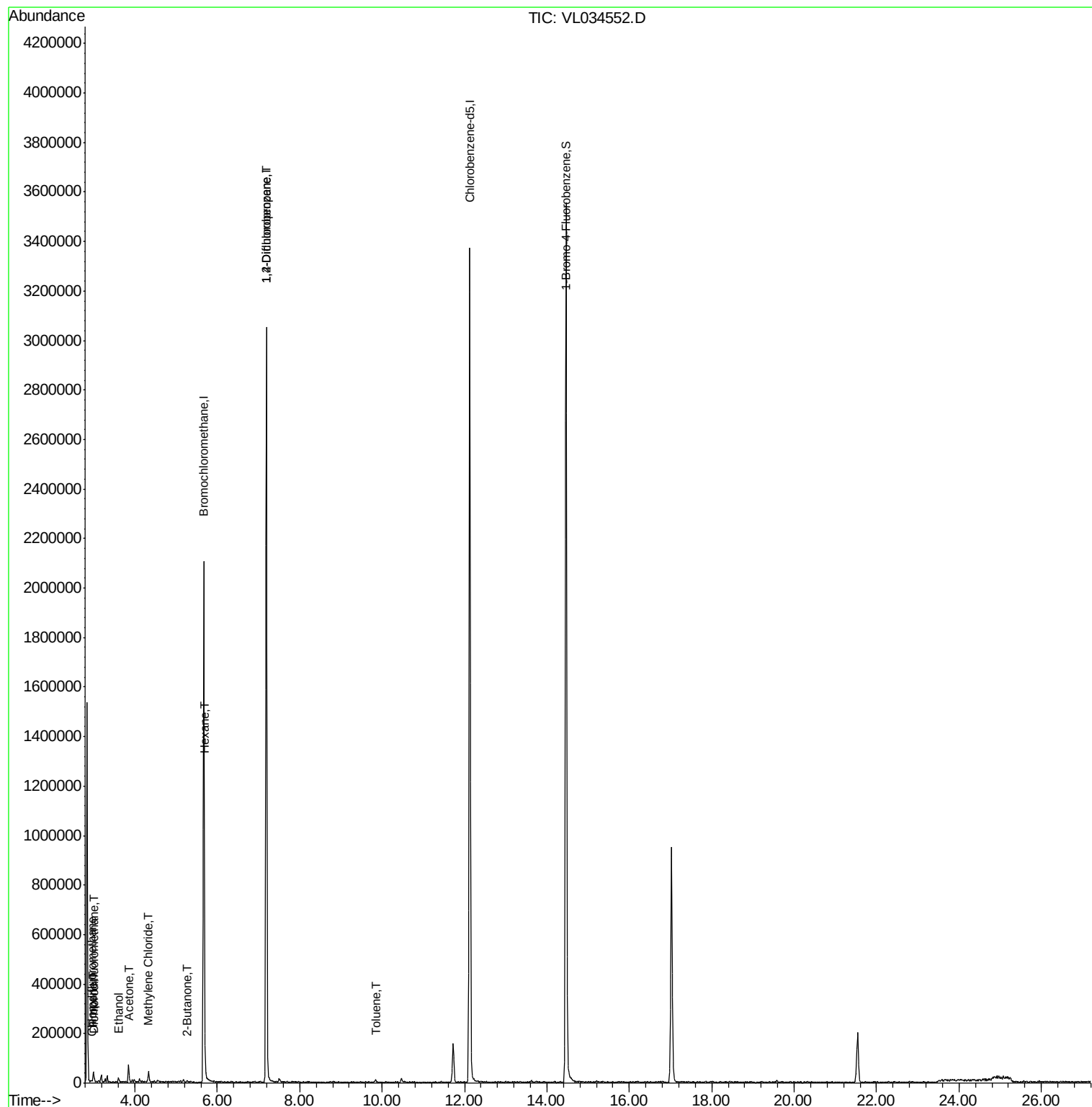
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.02	85	8358	0.057	ppbv #	82
3) Chlorodifluoromethane	2.96	51	5075	0.046	ppbv #	80
9) Propene	2.99	41	7998	0.187	ppbv	84
13) Ethanol	3.60	45	15823	1.336	ppbv	94
15) Acetone	3.84	43	61014	0.450	ppbv	93
20) Methylene Chloride	4.33	84	12869	0.241	ppbv #	75
26) Hexane	5.69	57	5656	0.063	ppbv #	14
34) 2-Butanone	5.26	43	3096	0.023	ppbv #	55
39) 1,2-Dichloropropane	7.19	63	556332	8.330	ppbv #	22
53) Toluene	9.83	91	4805	0.027	ppbv #	20

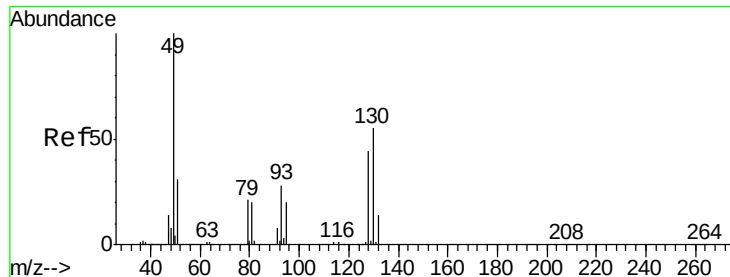
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL010220\
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ClientSampled :
50-1DL

Quant Time: Jan 03 01:11:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 30 14:58:50 2019
QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL034552.D

Acq: 2 Jan 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

50-1DL

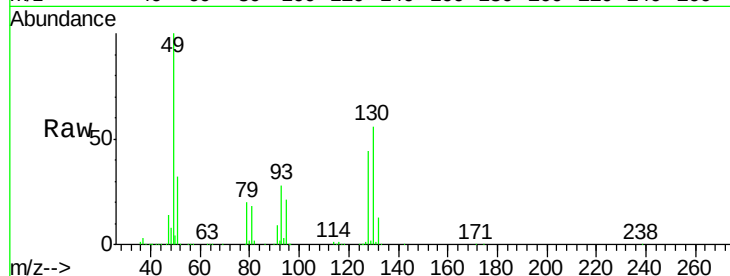
Tgt Ion: 49 Resp: 929263

Ion Ratio Lower Upper

49 100

128 44.7 22.4 67.2

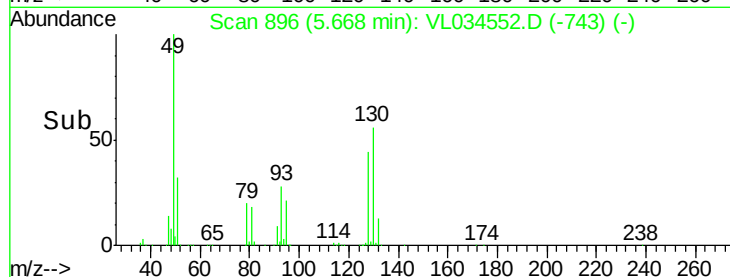
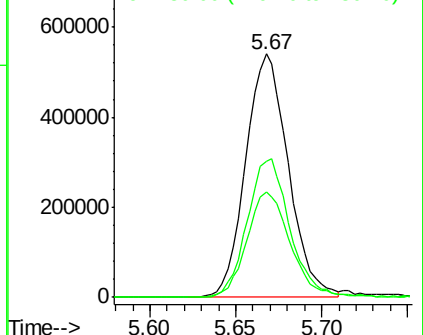
130 58.0 28.3 85.0



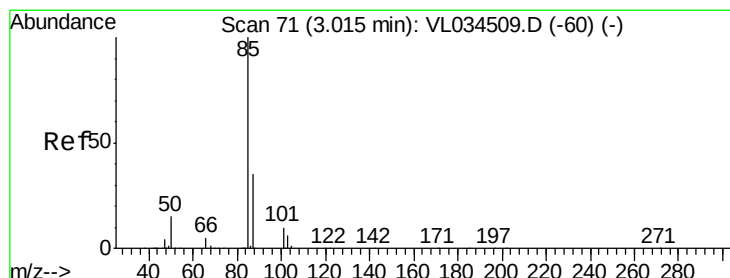
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Scan 896 (5.668 min): VL034552.D (-743) (-)



#2

Dichlorodifluoromethane

Concen: 0.057 ppbv

RT: 3.02 min Scan# 71

Delta R.T. -0.00 min

Lab File: VL034552.D

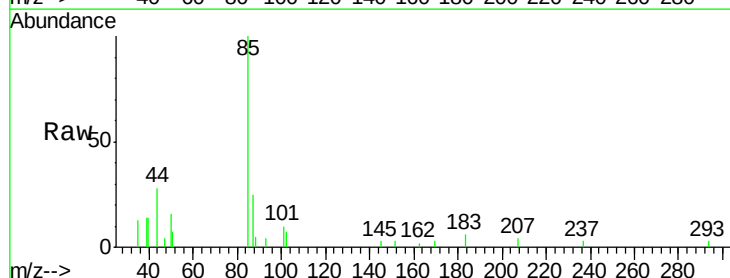
Acq: 2 Jan 2020 18:39

Tgt Ion: 85 Resp: 8358

Ion Ratio Lower Upper

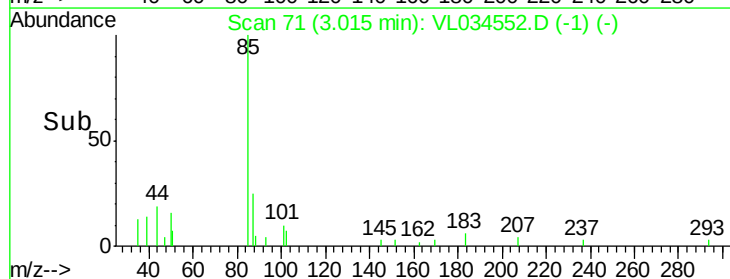
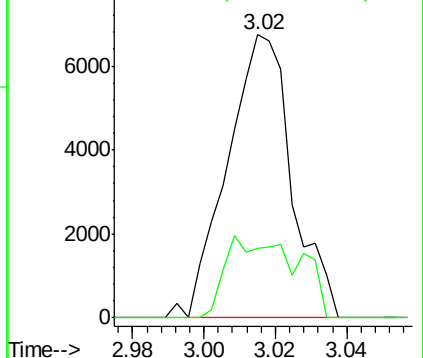
85 100

87 24.6 27.9 41.9#

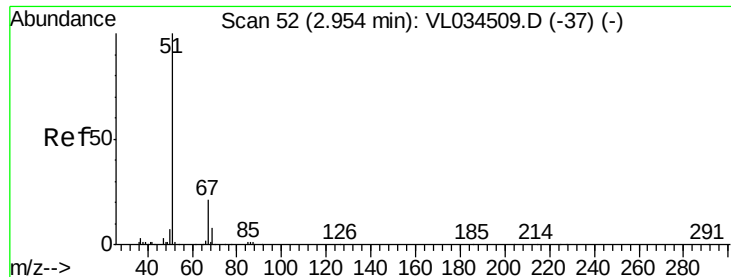


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



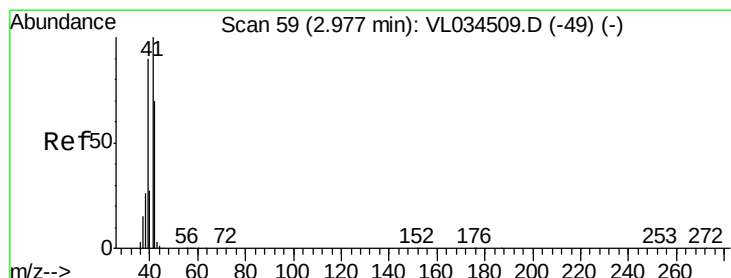
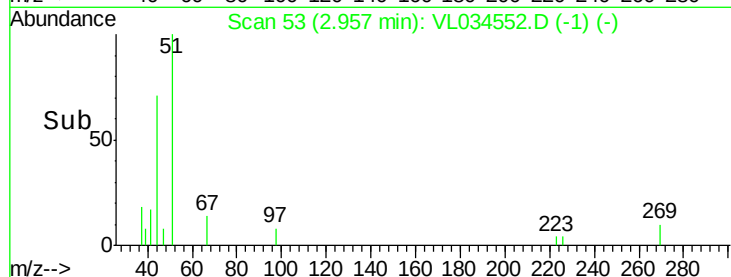
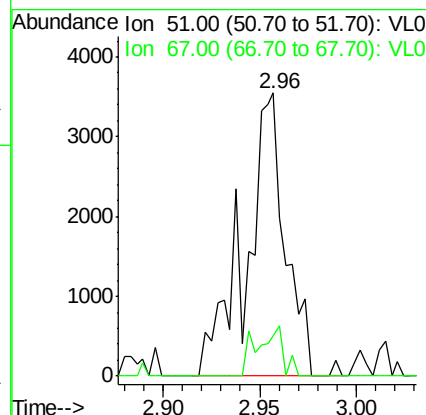
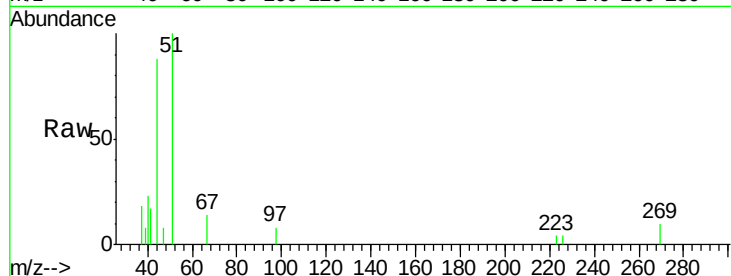
Scan 71 (3.015 min): VL034552.D (-1) (-)



#3
 Chlorodifluoromethane
 Concen: 0.046 ppbv
 RT: 2.96 min Scan# 53
 Delta R.T. 0.00 min
 Lab File: VL034552.D
 Acq: 2 Jan 2020 18:39

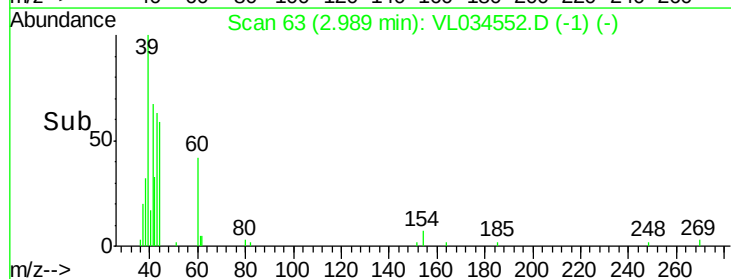
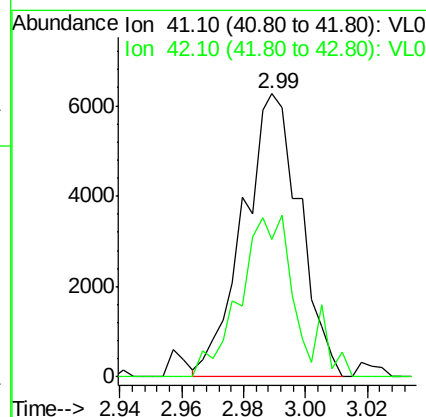
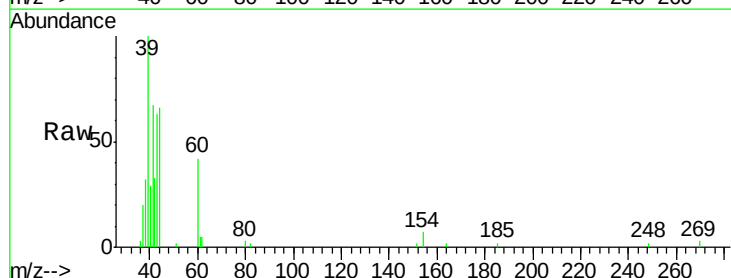
Instrument :
 MSVOA_L
 ClientSampleId :
 50-1DL

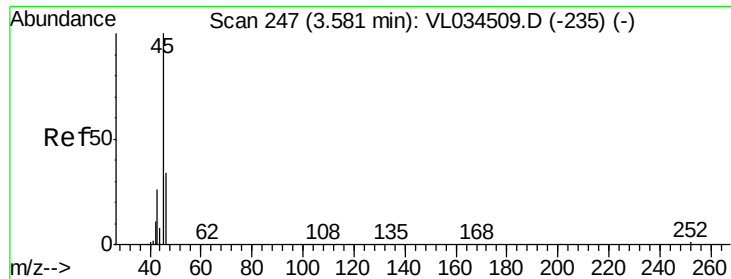
Tgt Ion: 51 Resp: 5075
 Ion Ratio Lower Upper
 51 100
 67 11.6 16.8 25.2#



#9
 Propene
 Concen: 0.187 ppbv
 RT: 2.99 min Scan# 63
 Delta R.T. 0.01 min
 Lab File: VL034552.D
 Acq: 2 Jan 2020 18:39

Tgt Ion: 41 Resp: 7998
 Ion Ratio Lower Upper
 41 100
 42 56.9 55.8 83.6

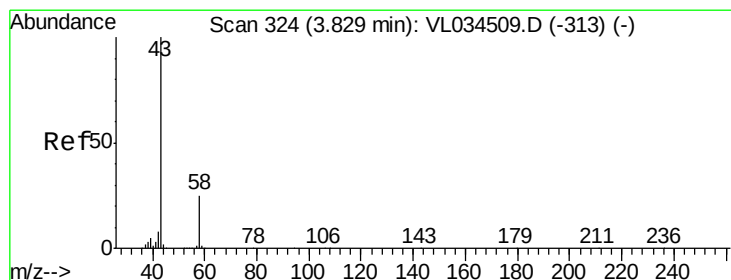
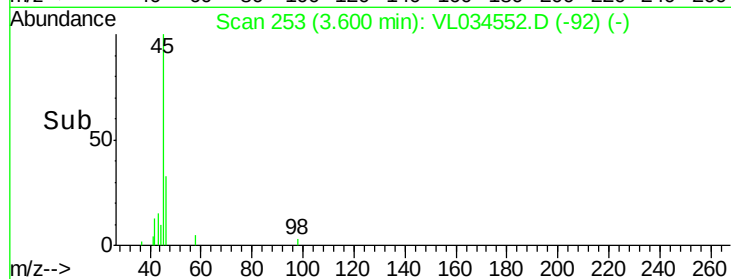
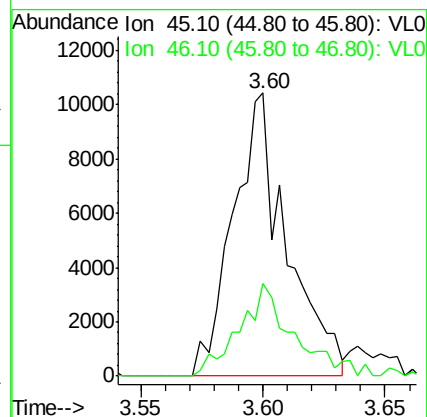
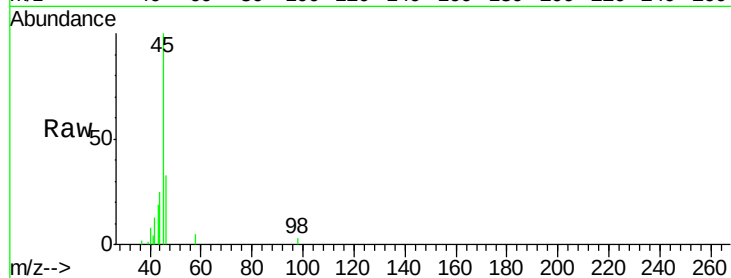




#13
Ethanol
Concen: 1.336 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.02 min
Lab File: VL034552.D
Acq: 2 Jan 2020 18:39

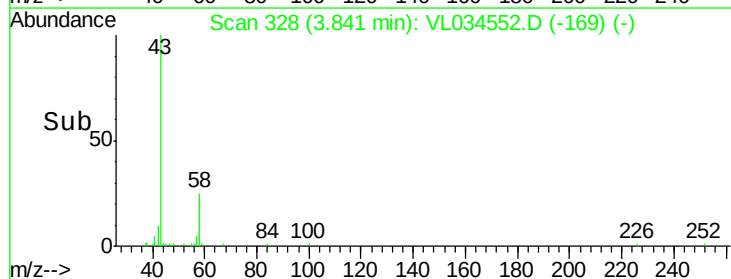
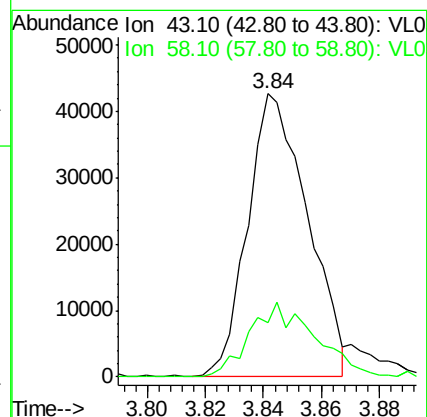
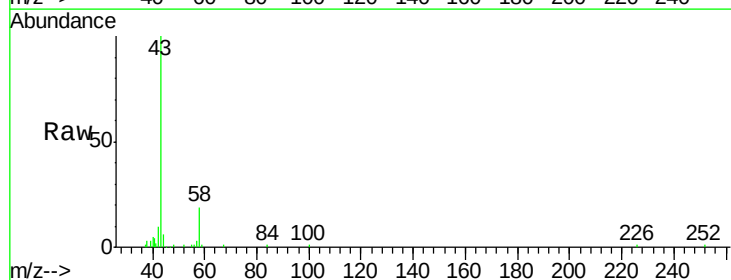
Instrument :
MSVOA_L
ClientSampleId :
50-1DL

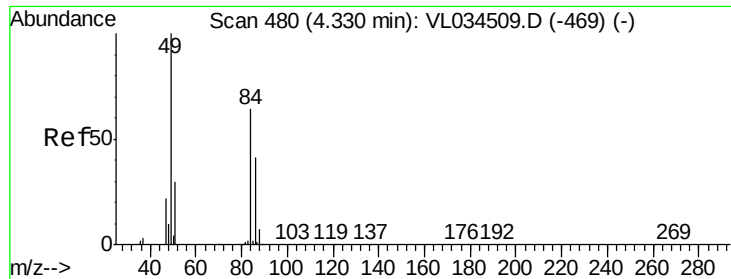
Tgt Ion: 45 Resp: 15823
Ion Ratio Lower Upper
45 100
46 33.9 14.9 59.7



#15
Acetone
Concen: 0.450 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.01 min
Lab File: VL034552.D
Acq: 2 Jan 2020 18:39

Tgt Ion: 43 Resp: 61014
Ion Ratio Lower Upper
43 100
58 28.9 20.4 30.6

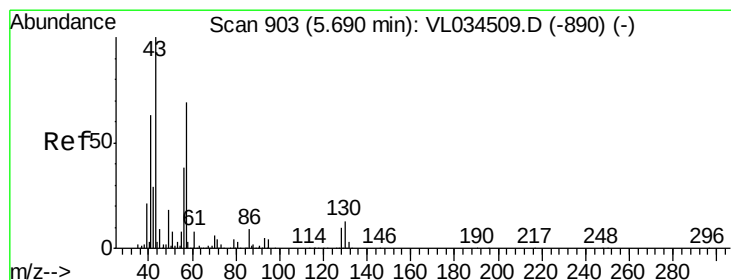
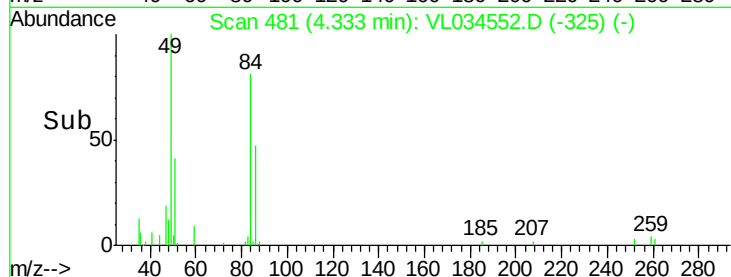
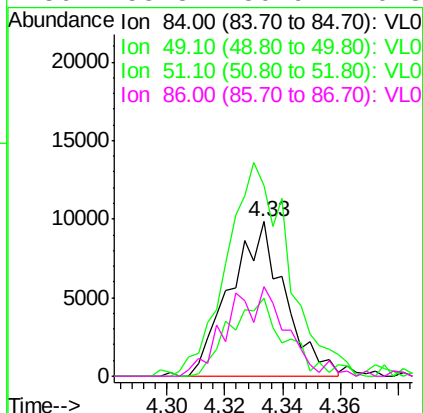
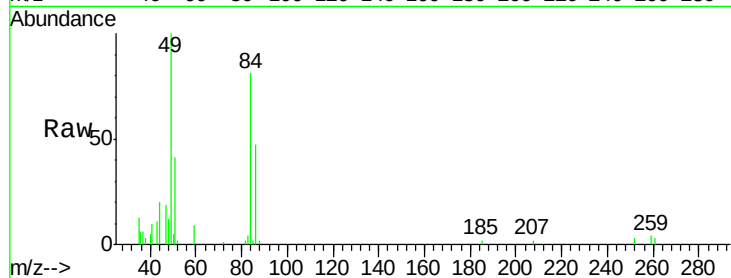




#20
Methylene Chloride
Concen: 0.241 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL034552.D
Acq: 2 Jan 2020 18:39

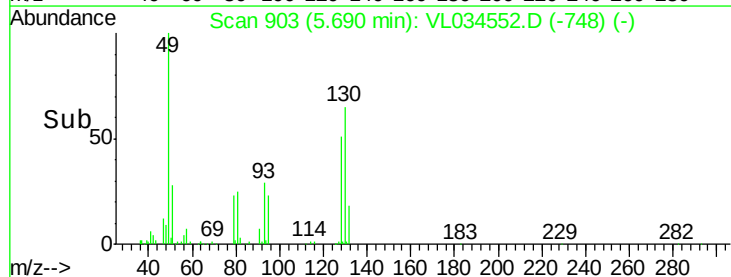
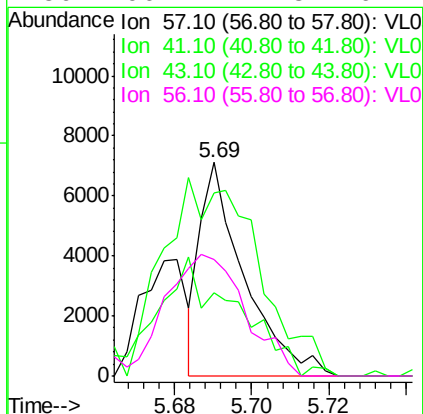
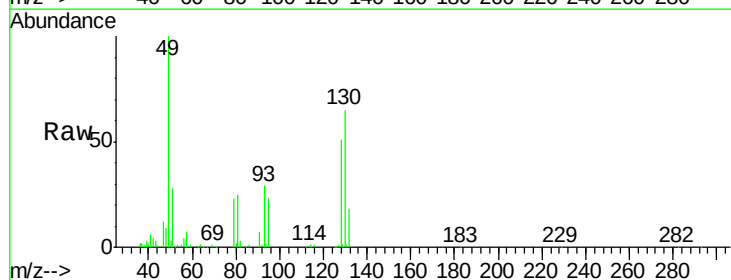
Instrument :
MSVOA_L
ClientSampleId :
50-1DL

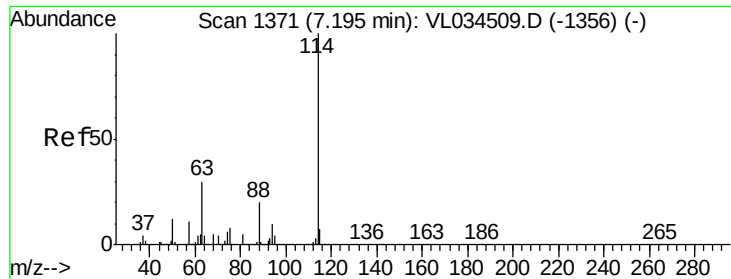
Tgt Ion:	84	Resp:	12869
Ion	Ratio	Lower	Upper
84	100		
49	110.6	124.4	186.6#
51	53.3	37.0	55.6
86	55.8	50.9	76.3



#26
Hexane
Concen: 0.063 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL034552.D
Acq: 2 Jan 2020 18:39

Tgt Ion:	57	Resp:	5656
Ion	Ratio	Lower	Upper
57	100		
41	200.0	75.3	112.9#
43	103.9	189.4	284.2#
56	106.1	42.8	64.2#

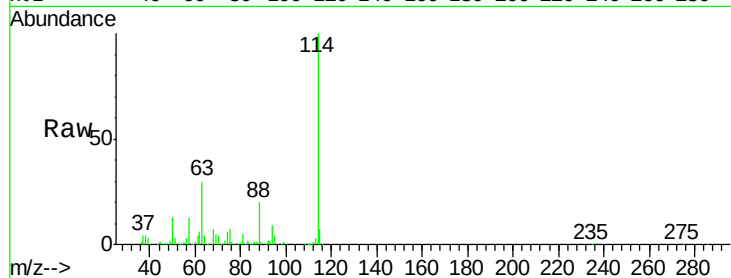




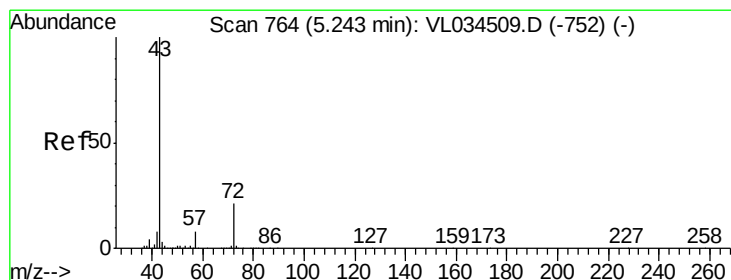
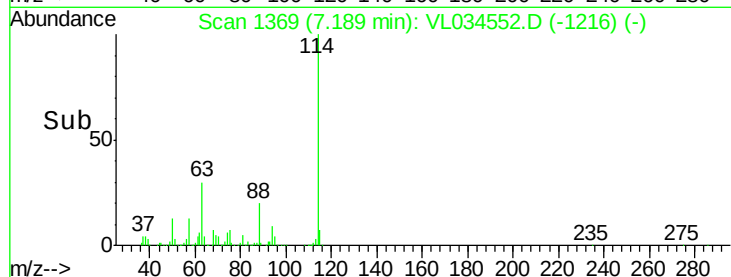
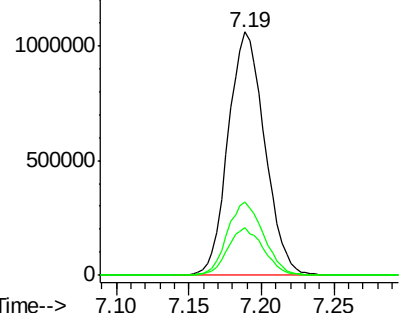
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VL034552.D
 Acq: 2 Jan 2020 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 50-1DL

Tgt Ion:114 Resp: 1863280
 Ion Ratio Lower Upper
 114 100
 63 30.0 24.1 36.1
 88 19.3 15.7 23.5

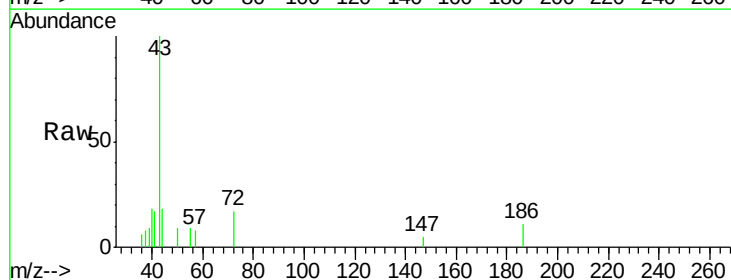


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

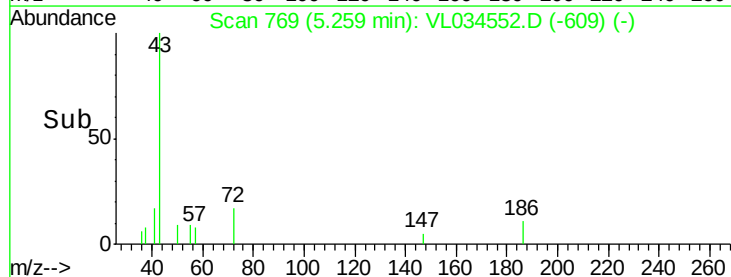
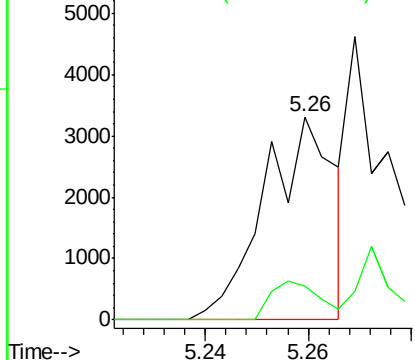


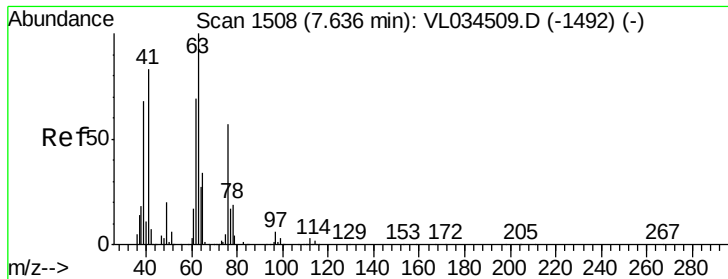
#34
 2-Butanone
 Concen: 0.023 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: VL034552.D
 Acq: 2 Jan 2020 18:39

Tgt Ion: 43 Resp: 3096
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.0 25.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#39

1,2-Dichloropropane

Concen: 8.330 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.45 min

Lab File: VL034552.D

Acq: 2 Jan 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

50-1DL

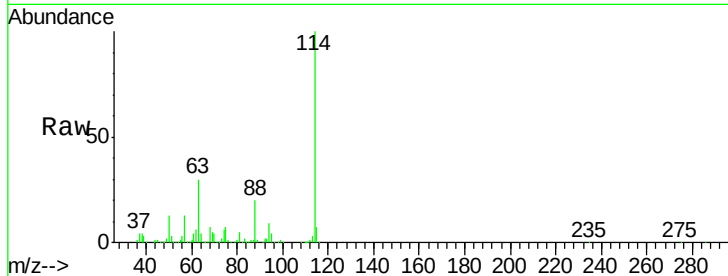
Tgt Ion: 63 Resp: 556332

Ion Ratio Lower Upper

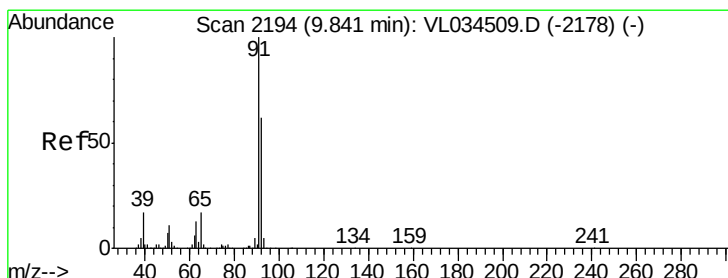
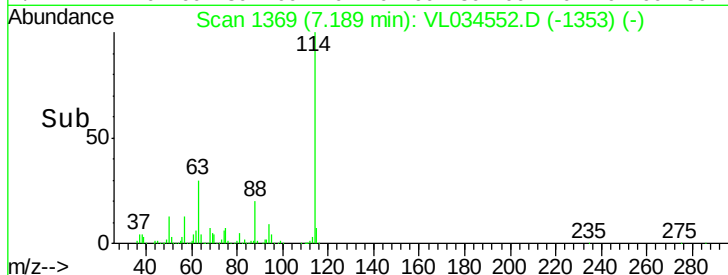
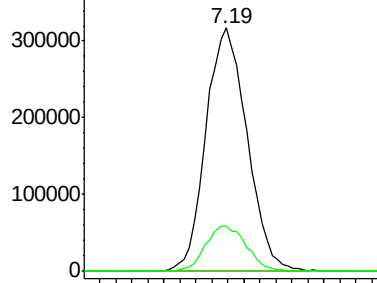
63 100

41 0.0 66.1 99.1#

62 18.8 54.9 82.3#



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



#53

Toluene

Concen: 0.027 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. -0.01 min

Lab File: VL034552.D

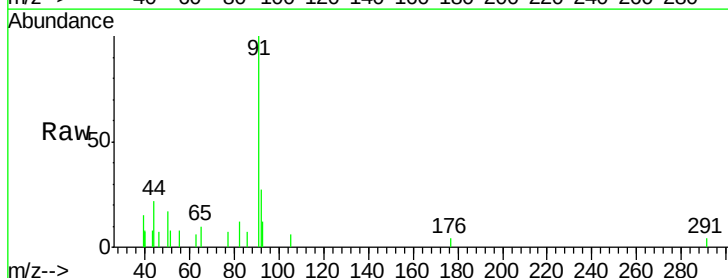
Acq: 2 Jan 2020 18:39

Tgt Ion: 91 Resp: 4805

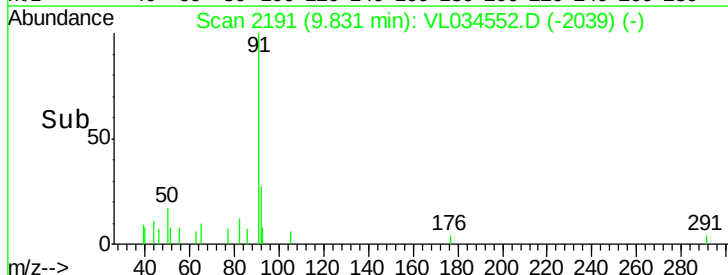
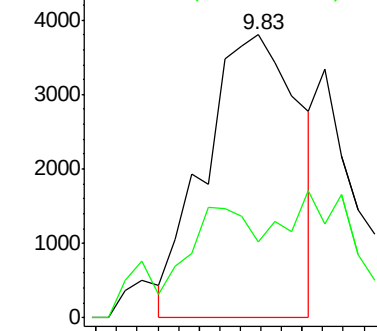
Ion Ratio Lower Upper

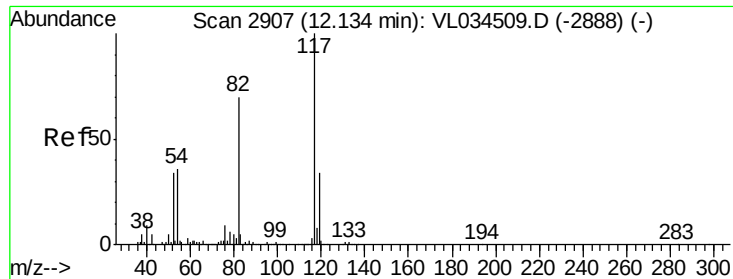
91 100

92 0.0 48.4 72.6#



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0

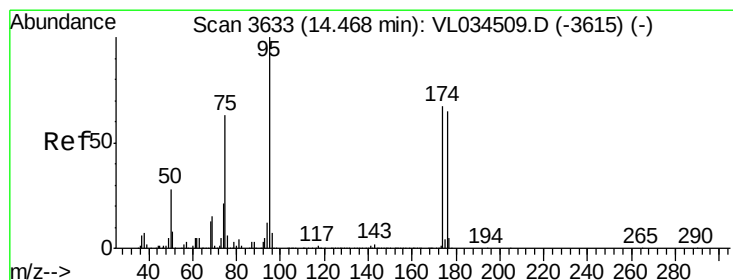
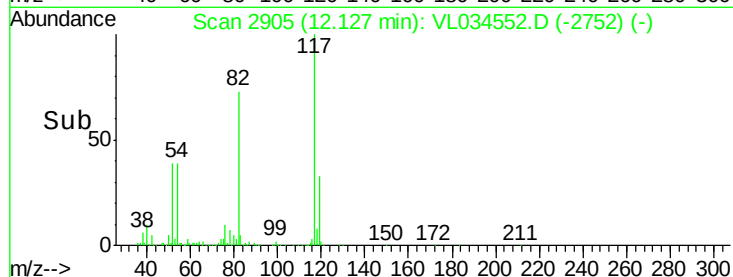
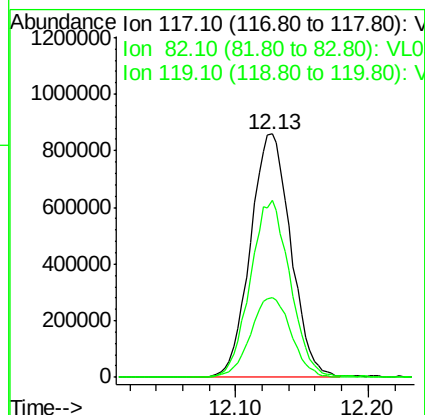
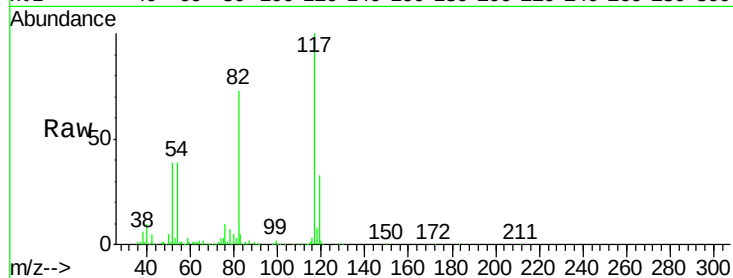




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL034552.D
Acq: 2 Jan 2020 18:39

Instrument :
MSVOA_L
ClientSampleID :
50-1DL

Tgt Ion:117 Resp: 1817550
Ion Ratio Lower Upper
117 100
82 72.7 56.2 84.4
119 33.1 27.1 40.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.074 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. -0.01 min
Lab File: VL034552.D
Acq: 2 Jan 2020 18:39

Tgt Ion: 95 Resp: 1527818
Ion Ratio Lower Upper
95 100
174 63.9 52.4 78.6
175 4.5 3.9 5.9

