

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034368.D
 Acq On : 25 Oct 2019 17:40
 Operator : SY/AP
 Sample : QC101719 CAN 10266
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101719 CAN 10266

Quant Time: Oct 25 23:28:56 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	916873	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1798643	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	1766420	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1494459	9.99	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

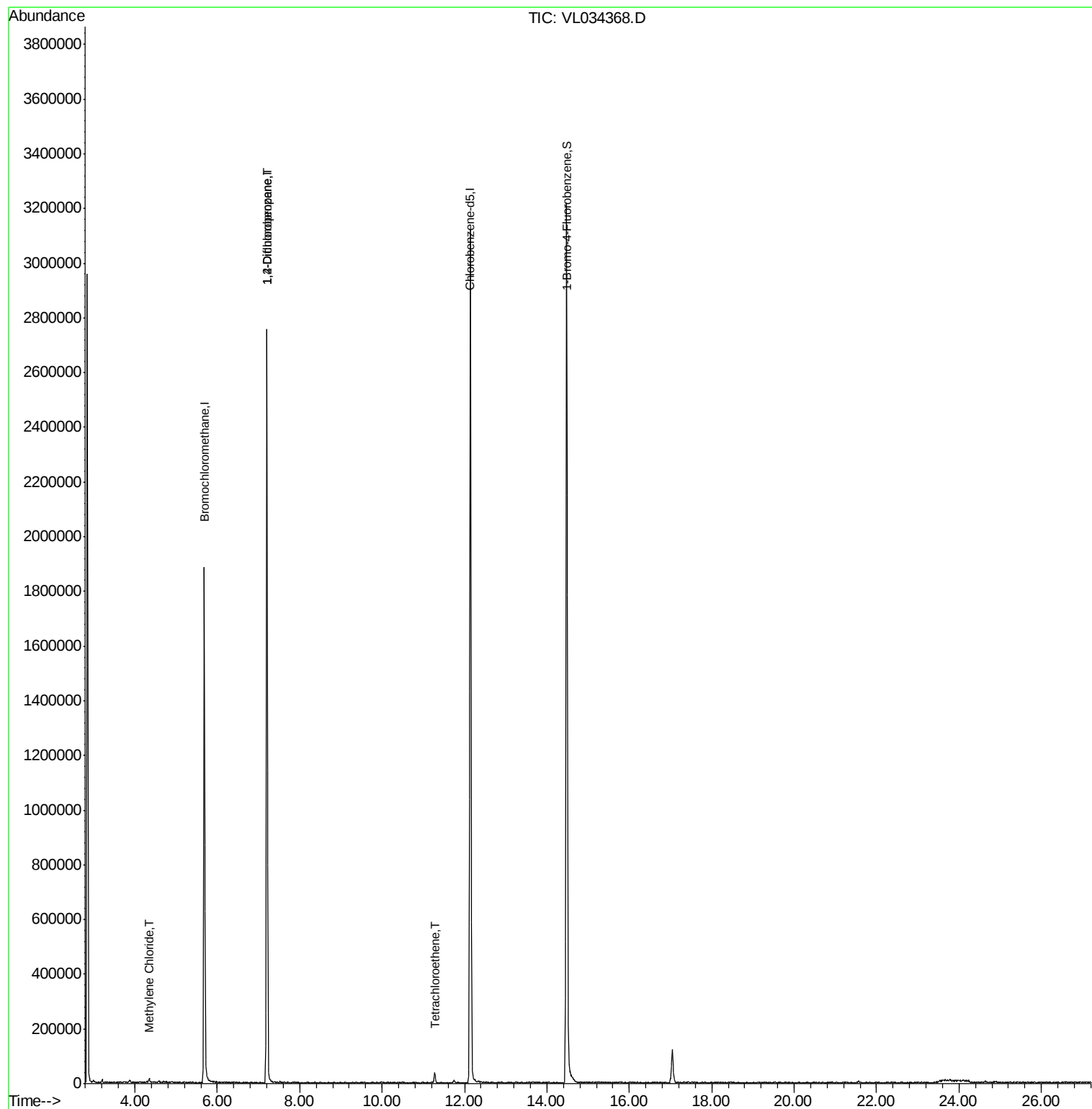
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.34	84	5325	0.112	ppbv #	79
39) 1,2-Dichloropropane	7.20	63	524510	7.058	ppbv #	22
52) Tetrachloroethene	11.27	164	3137	0.046	ppbv #	62

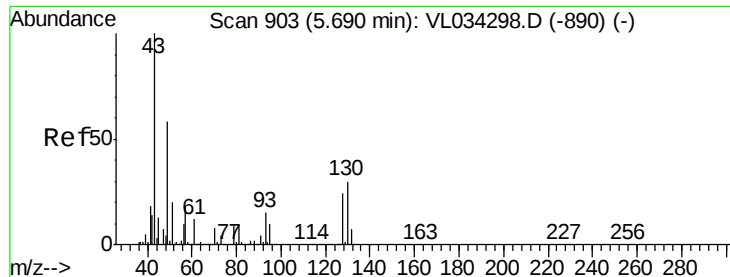
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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MSVOA_L

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QC101719 CAN 10266

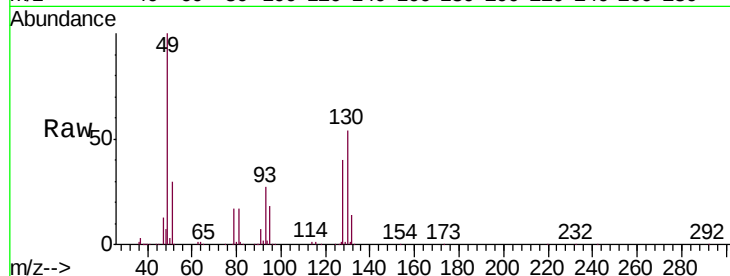
Tgt Ion: 49 Resp: 916873

Ion Ratio Lower Upper

49 100

128 43.2 20.6 61.8

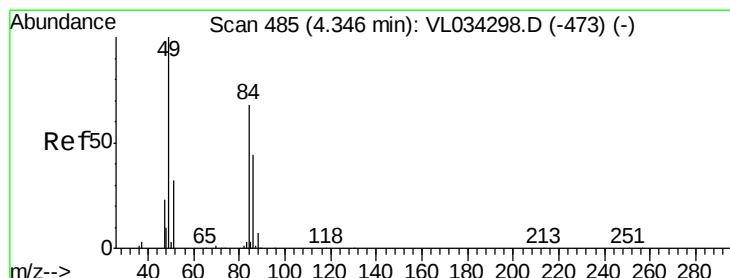
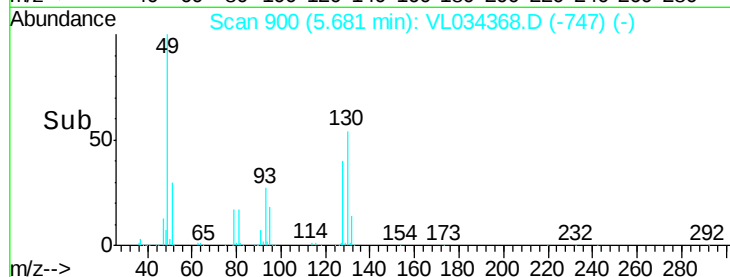
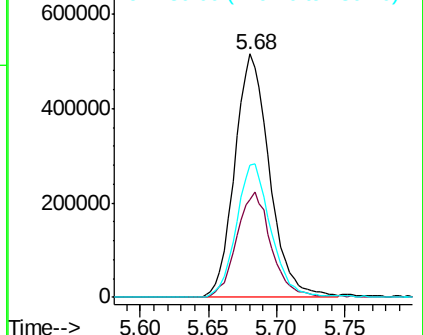
130 54.7 26.2 78.5



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



#20

Methylene Chloride

Concen: 0.112 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL034368.D

Acq: 25 Oct 2019 17:40

Tgt Ion: 84 Resp: 5325

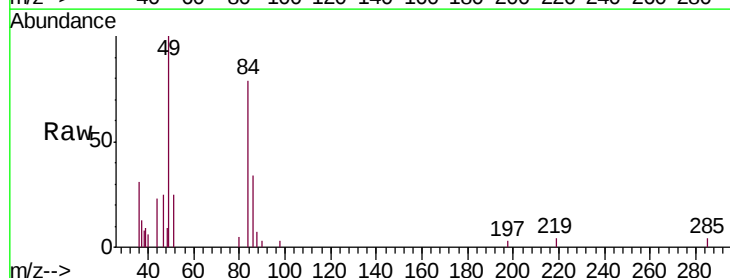
Ion Ratio Lower Upper

84 100

49 126.6 118.5 177.7

51 32.1 38.8 58.2#

86 42.6 51.7 77.5#

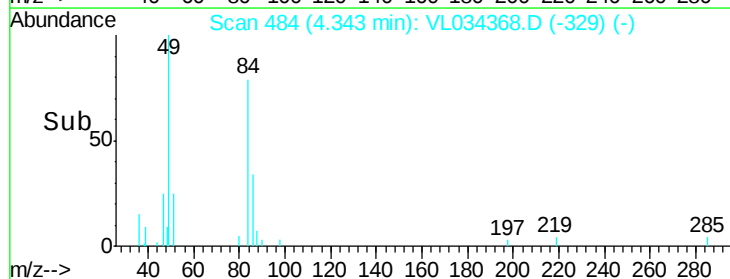
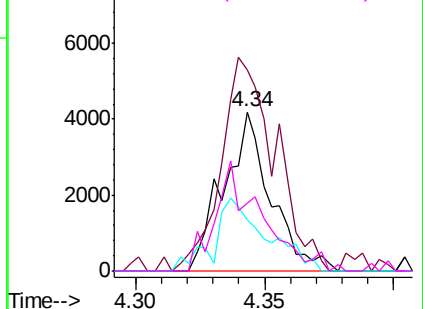


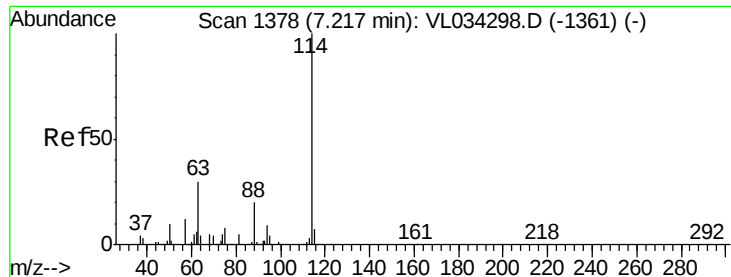
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

QC101719 CAN 10266

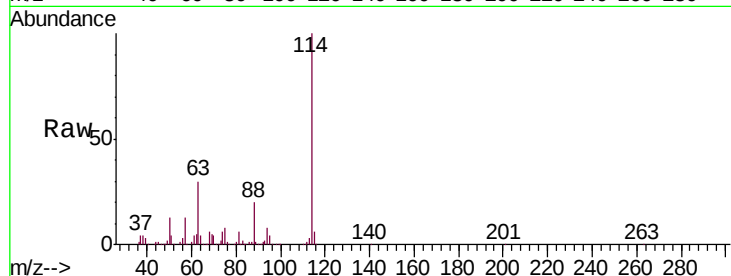
Tgt Ion:114 Resp: 1798643

Ion Ratio Lower Upper

114 100

63 29.4 25.2 37.8

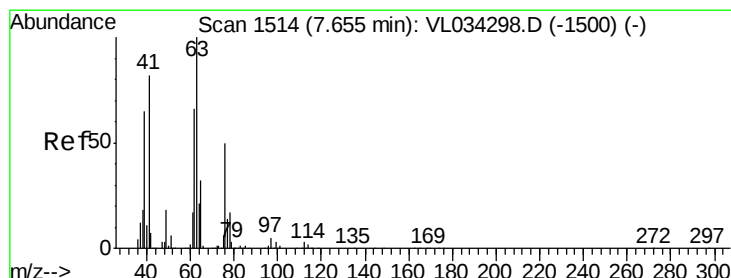
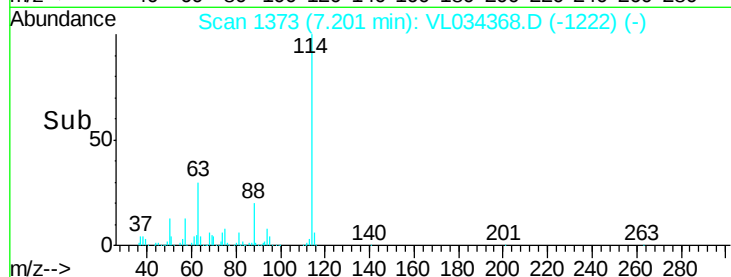
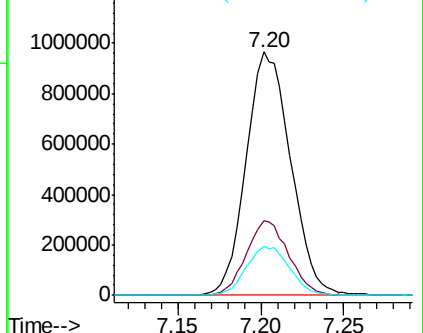
88 19.7 16.0 24.0



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: 7.058 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. -0.45 min

Lab File: VL034368.D

Acq: 25 Oct 2019 17:40

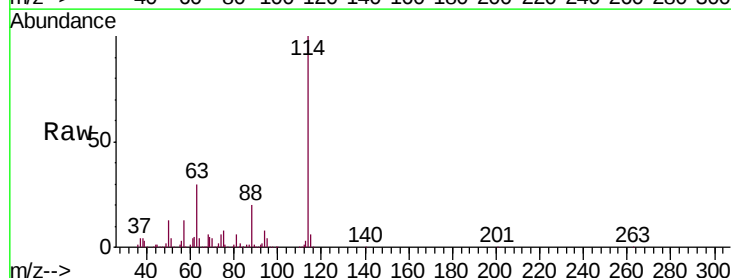
Tgt Ion: 63 Resp: 524510

Ion Ratio Lower Upper

63 100

41 0.0 65.6 98.4#

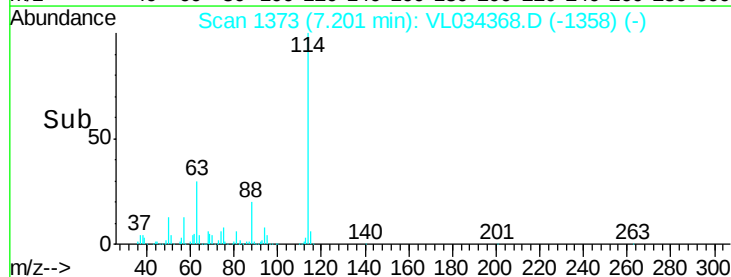
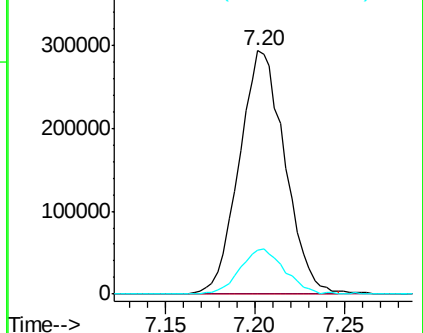
62 17.7 53.0 79.6#

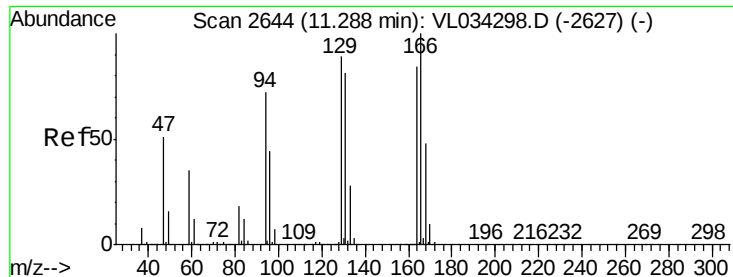


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#52

Tetrachloroethene

Concen: 0.046 ppbv

RT: 11.27 min Scan# 2638

Delta R.T. -0.02 min

Lab File: VL034368.D

Acq: 25 Oct 2019 17:40

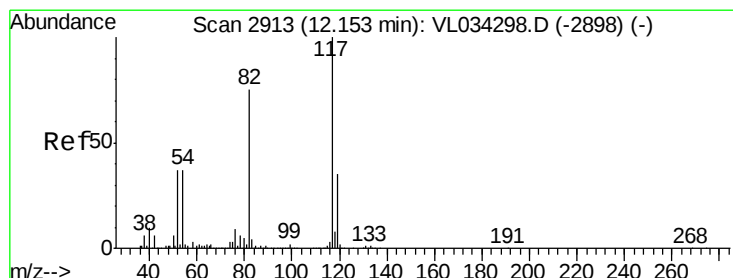
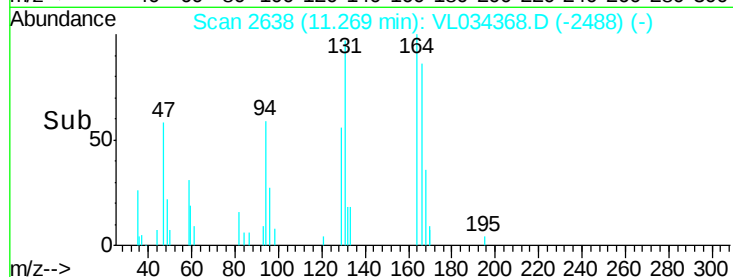
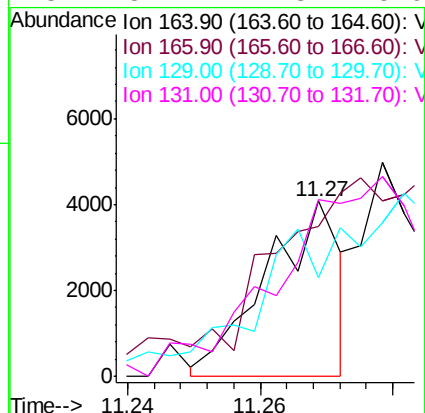
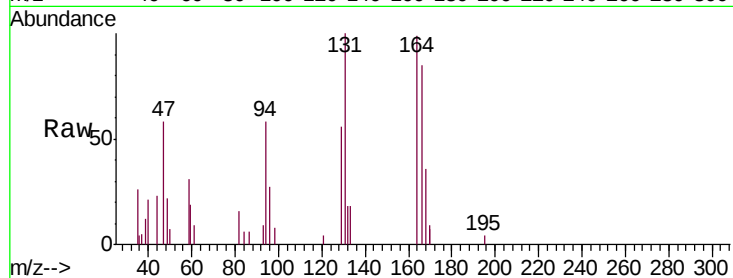
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Tgt Ion:	164	Resp:	3137
Ion	Ratio	Lower	Upper
164	100		
166	72.2	95.3	142.9#
129	44.6	84.5	126.7#
131	87.1	77.3	115.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

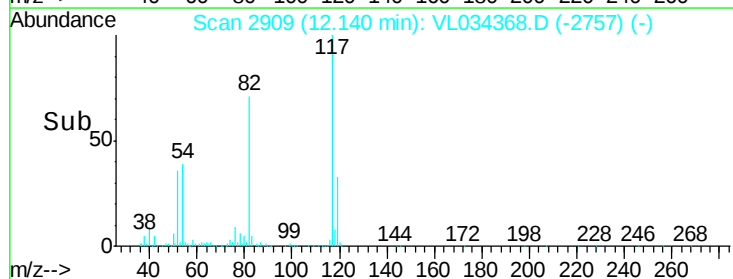
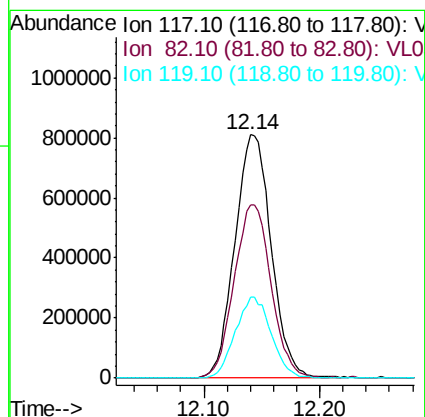
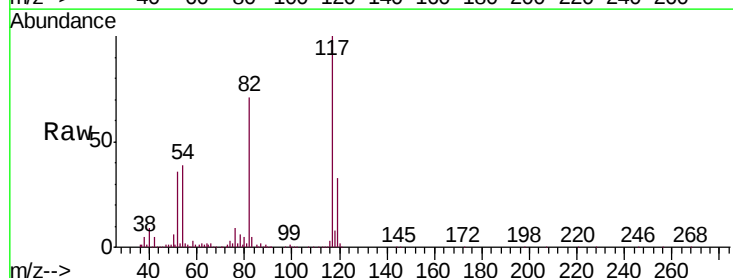
RT: 12.14 min Scan# 2909

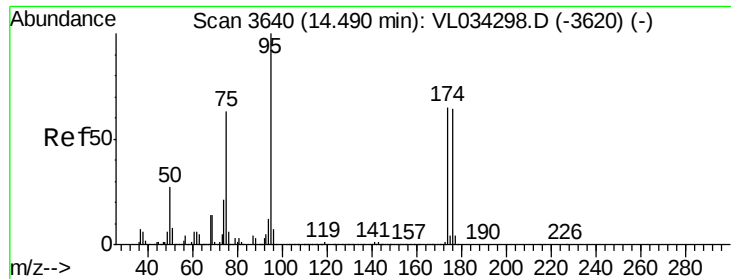
Delta R.T. -0.01 min

Lab File: VL034368.D

Acq: 25 Oct 2019 17:40

Tgt Ion:	117	Resp:	1766420
Ion	Ratio	Lower	Upper
117	100		
82	72.8	55.5	83.3
119	33.1	26.5	39.7





#68

1-Bromo-4-Fluorobenzene

Concen: 9.989 ppbv

RT: 14.48 min Scan# 3636

Delta R.T. -0.01 min

Lab File: VL034368.D

Acq: 25 Oct 2019 17:40

Instrument :

MSVOA_L

ClientSampleId :

QC101719 CAN 10266

Tgt Ion: 95 Resp: 1494459

Ion Ratio Lower Upper

95 100

174 66.2 52.6 78.8

175 4.8 3.8 5.6

