

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034897.D
 Acq On : 16 Mar 2020 19:24
 Operator : SY/AP
 Sample : L1924-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-01DL

Manual Integrations
 APPROVED

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 3/17/2020 12:16:04 PM

Quant Time: Mar 17 11:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 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	870641	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1863060	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1873392	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1490683	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	18484m	1.309	ppbv	
15) Acetone	3.84	43	44491m	0.394	ppbv	
53) Toluene	9.81	91	22879m	0.119	ppbv	

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

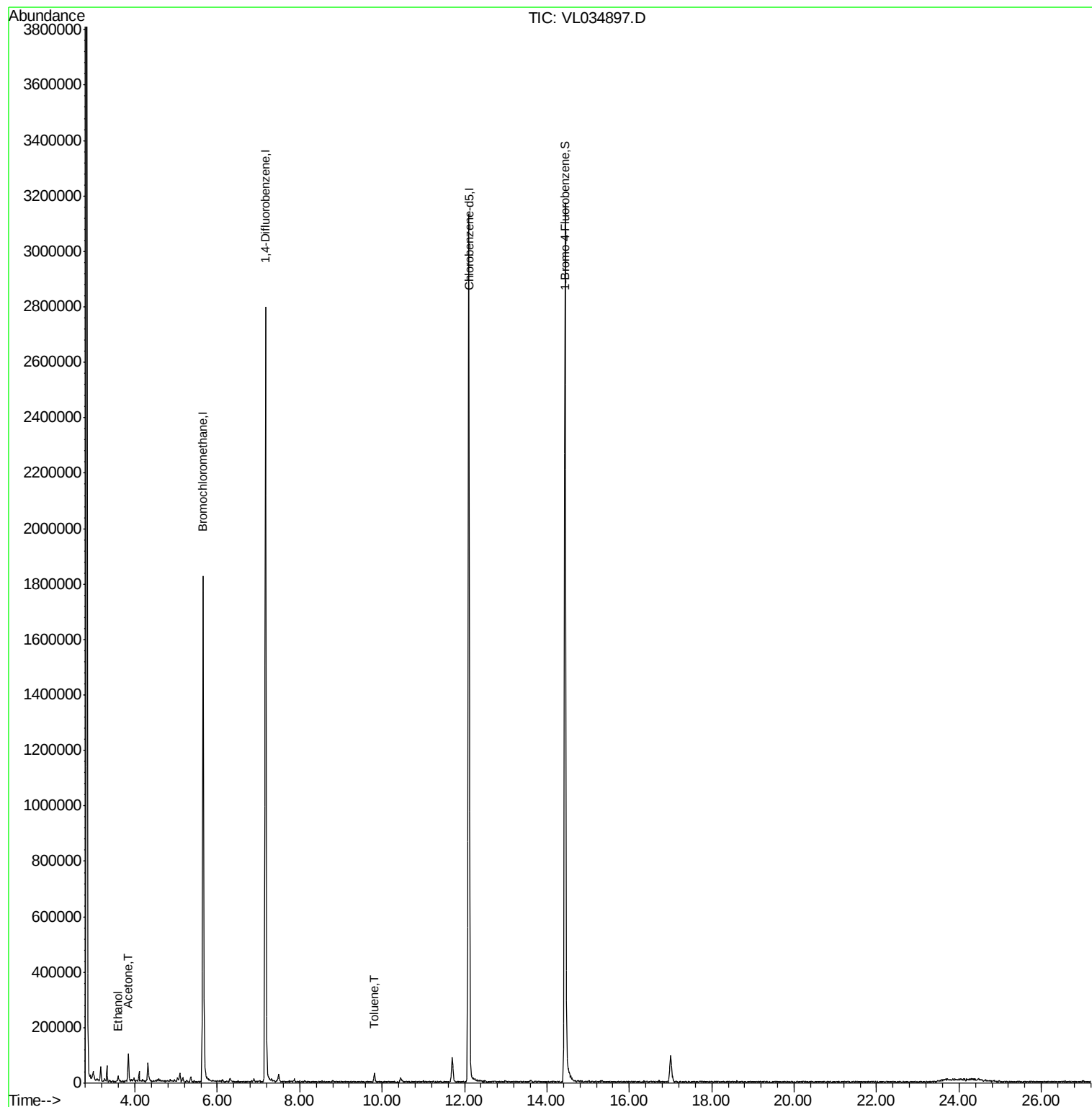
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031620\
Data File : VL034897.D
Acq On : 16 Mar 2020 19:24
Operator : SY/AP
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Misc : 400ml/MSVOA L
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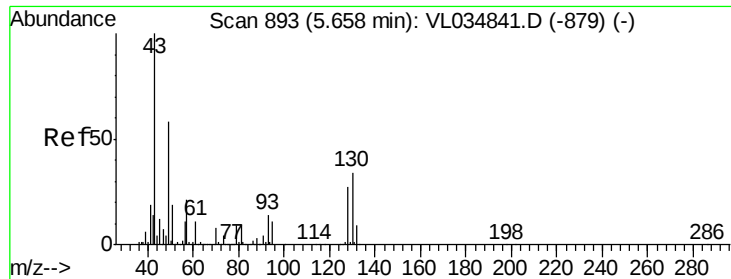
Instrument :
MSVOA_L
ClientSampleId :
OA-01DL

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Quant Time: Mar 17 11:04:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 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: VL034897.D

Acq: 16 Mar 2020 19:24

Instrument :

MSVOA_L

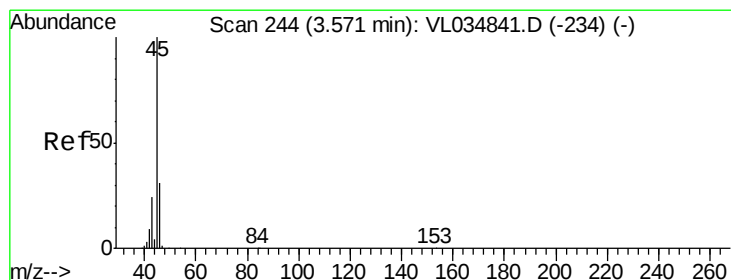
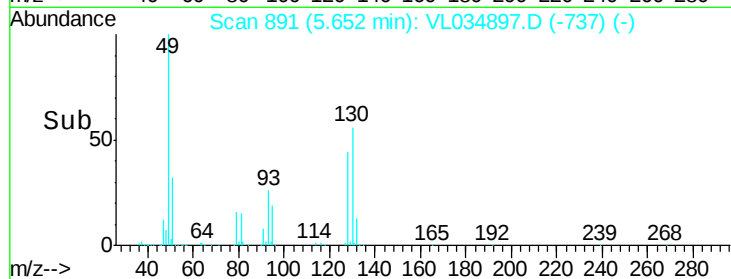
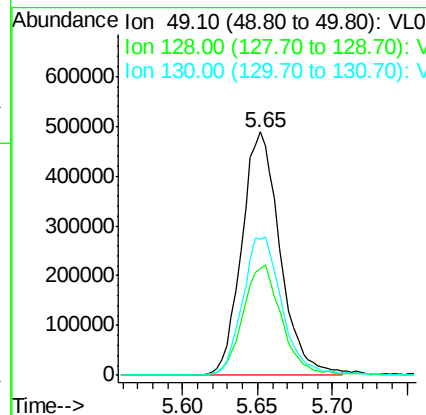
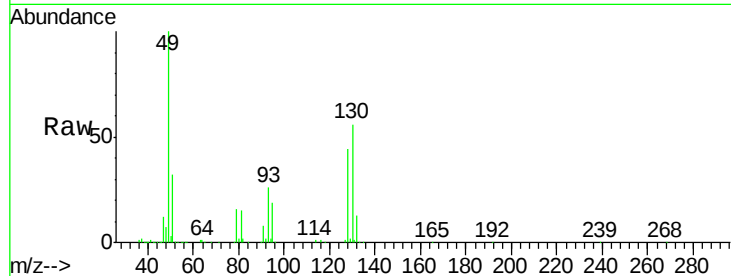
ClientSampleId :

QA-01DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.2	23.4	70.3
130	59.2	30.0	90.0

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#13

Ethanol

Concen: 1.309 ppbv m

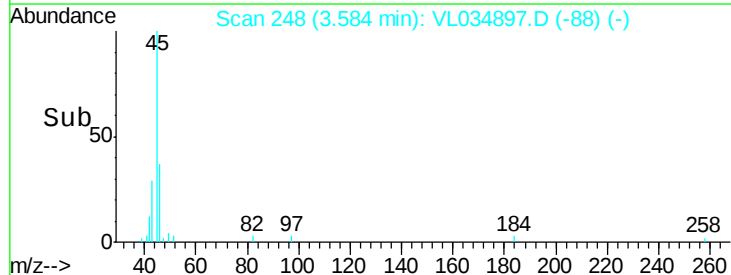
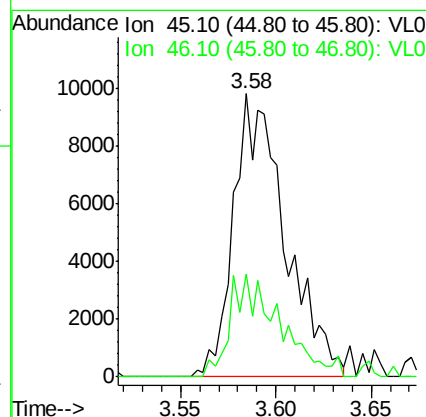
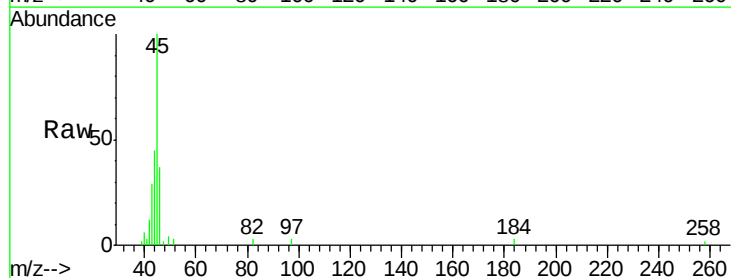
RT: 3.58 min Scan# 248

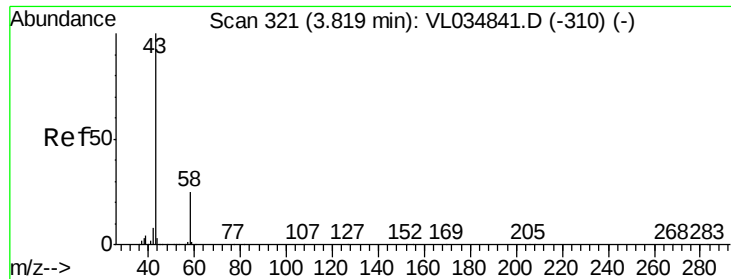
Delta R.T. 0.01 min

Lab File: VL034897.D

Acq: 16 Mar 2020 19:24

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.2	16.0	64.0





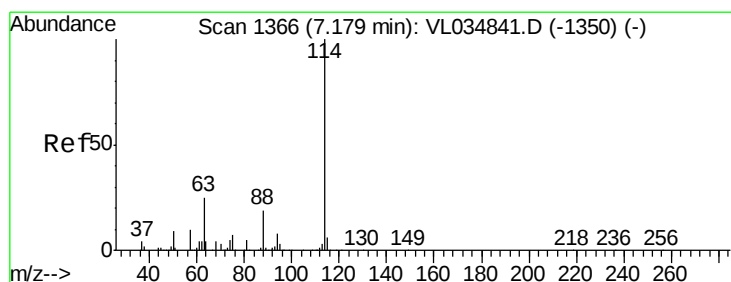
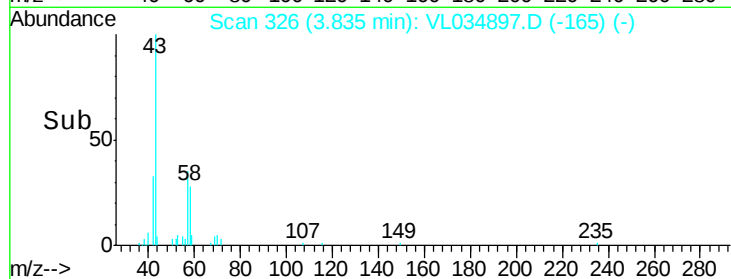
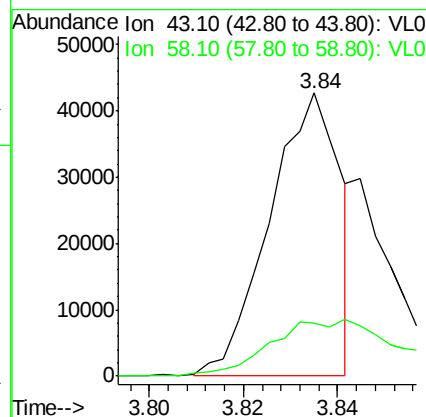
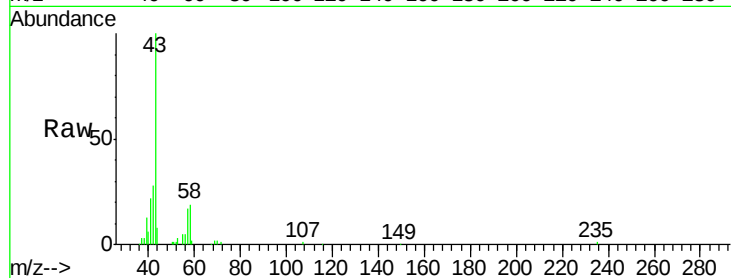
#15
Acetone
Concen: 0.394 ppbv m
RT: 3.84 min Scan# 326
Delta R.T. 0.02 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument :
MSVOA_L
ClientSampleId :
OA-01DL

Tot Ion: 43 Resp: 44491
Ion Ratio Lower Upper
43 100
58 37.0 21.0 31.6#

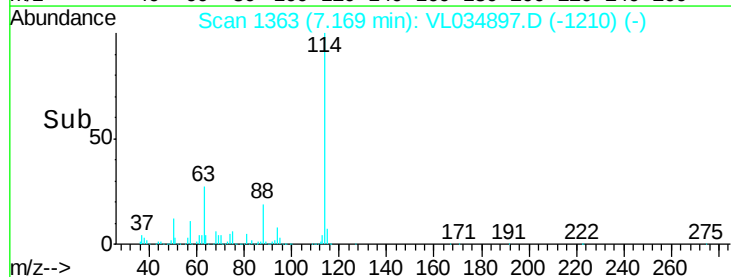
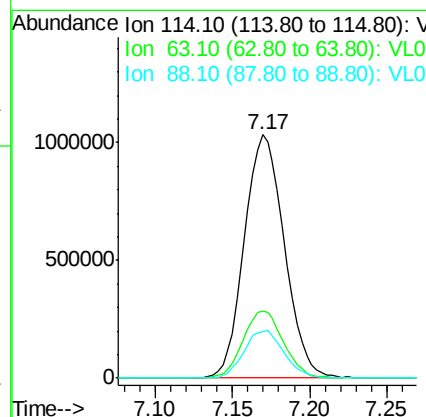
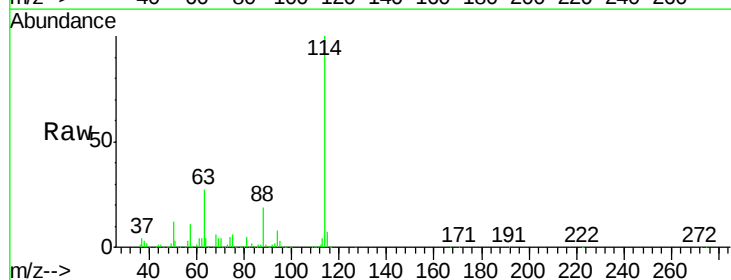
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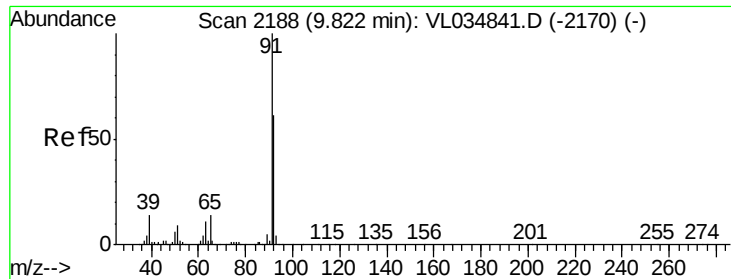
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Tgt Ion: 114 Resp: 1863060
Ion Ratio Lower Upper
114 100
63 28.1 20.6 31.0
88 19.6 15.0 22.6





#53

Toluene

Concen: 0.119 ppbv m

RT: 9.81 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VL034897.D

Acq: 16 Mar 2020 19:24

Instrument :

MSVOA_L

ClientSampleId :

QA-01DL

Tot Ion: 91 Resp: 22879

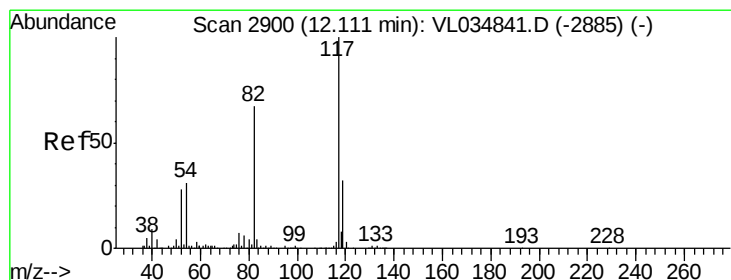
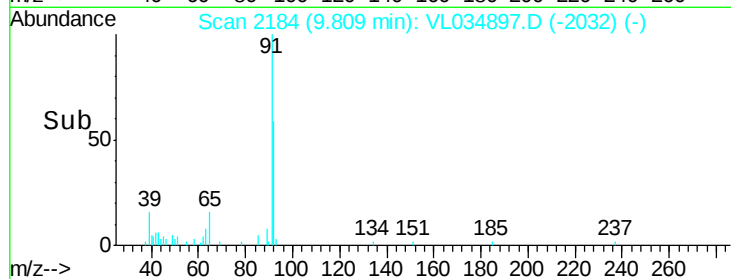
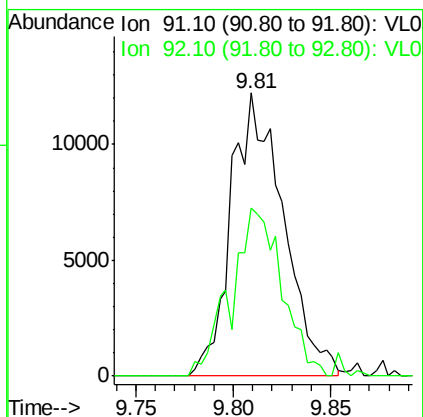
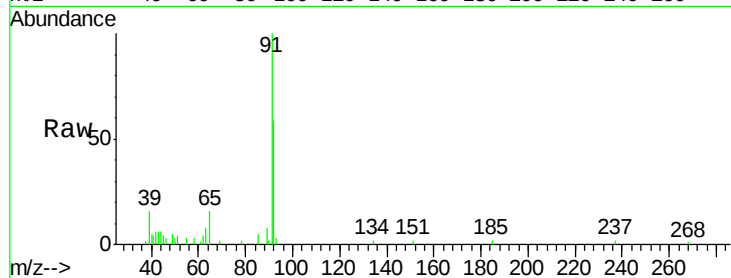
Ion Ratio Lower Upper

91 100

92 59.0 48.6 72.8

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. -0.01 min

Lab File: VL034897.D

Acq: 16 Mar 2020 19:24

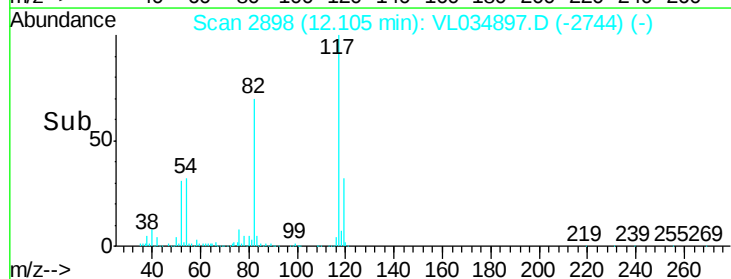
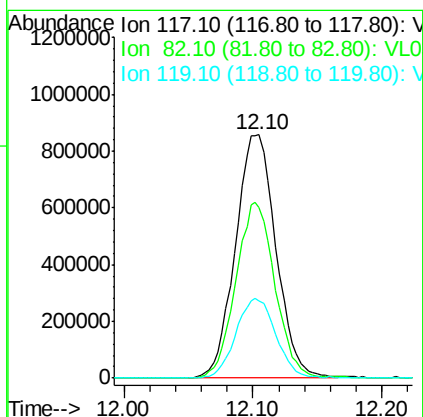
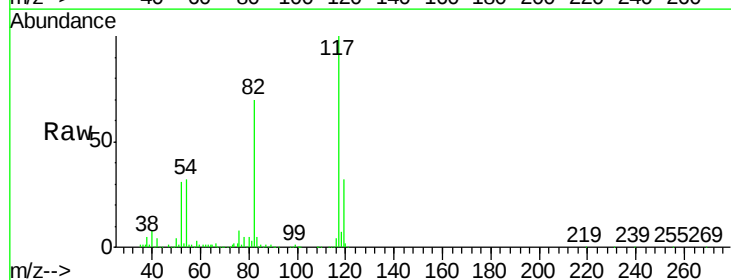
Tgt Ion: 117 Resp: 1873392

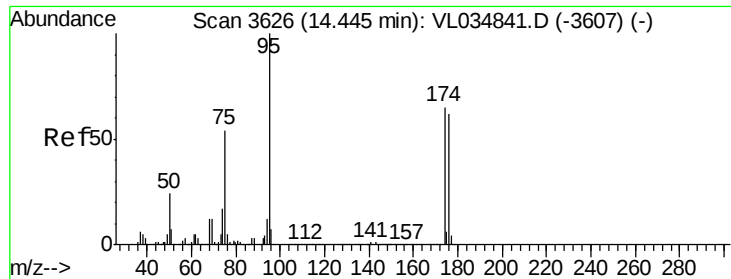
Ion Ratio Lower Upper

117 100

82 70.0 51.1 76.7

119 32.5 27.3 40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.203 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. -0.01 min
 Lab File: VL034897.D
 Acq: 16 Mar 2020 19:24

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-01DL

Tot Ion: 95 Resp: 1490683
 Ion Ratio Lower Upper
 95 100
 174 65.7 55.2 82.8
 175 4.8 4.3 6.5

Manual Integrations
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