

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL123019\
 Data File : VL034530.D
 Acq On : 31 Dec 2019 3:05
 Operator : SY/AP
 Sample : K6470-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 27-1DL

Manual Integrations
 APPROVED

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 1/2/2020 10:50:01 AM

Quant Time: Dec 31 06:10:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 31 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	976104	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1941762	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1902643	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1588185	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%
Target Compounds						
9) Propene	2.99	41	12504m	0.279	ppbv	Ovalue
13) Ethanol	3.60	45	38567m	3.100	ppbv	
15) Acetone	3.84	43	189847	1.333	ppbv	95

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

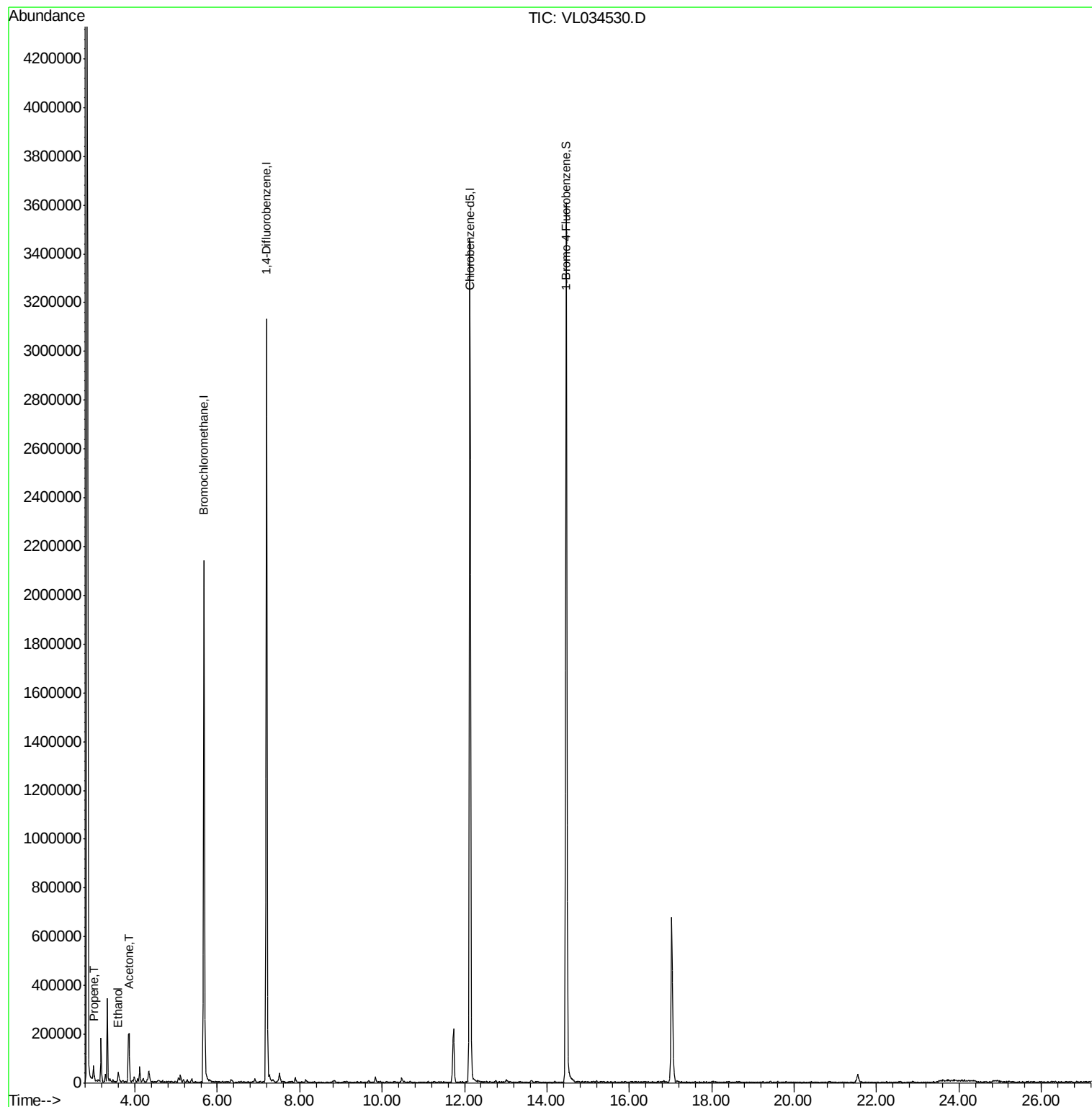
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL123019\
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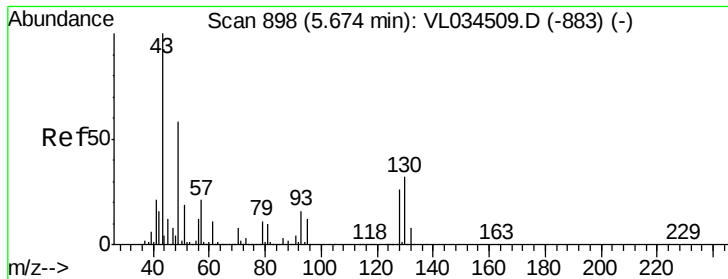
Instrument :
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27-1DL

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Quant Time: Dec 31 06:10:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.00 min

Lab File: VL034530.D

Acq: 31 Dec 2019 3:05

Instrument :

MSVOA_L

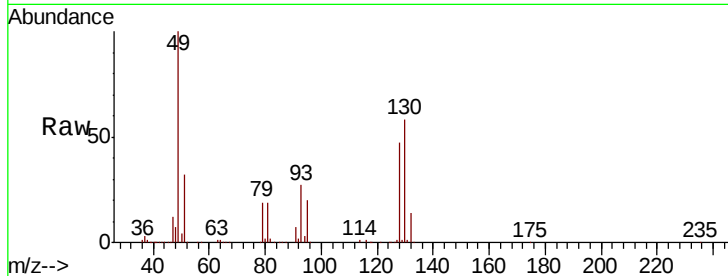
ClientSampled :

27-1DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	43.6	22.4	67.2
130	56.4	28.3	85.0

Manual Integrations
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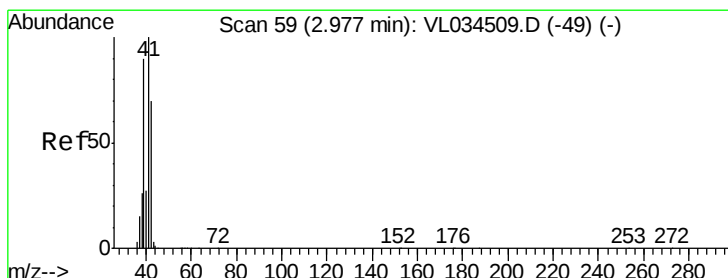
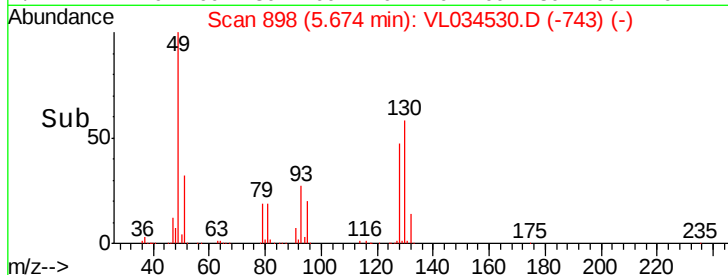
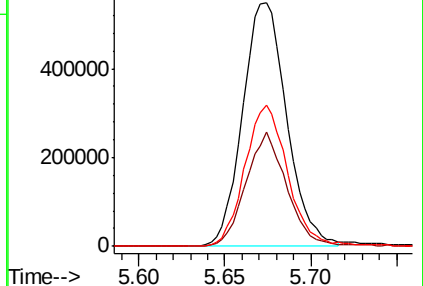
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.279 ppbv m

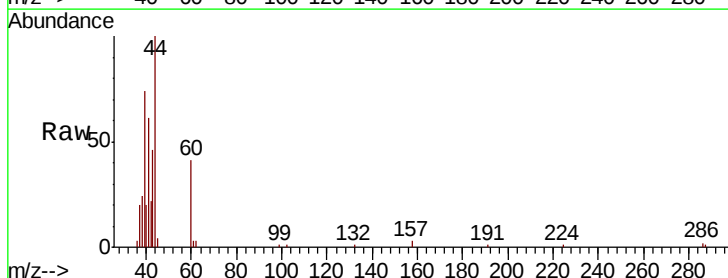
RT: 2.99 min Scan# 64

Delta R.T. 0.02 min

Lab File: VL034530.D

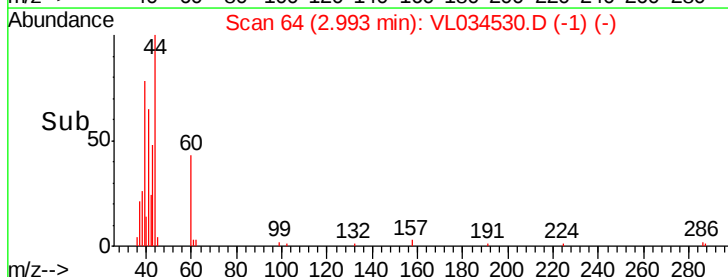
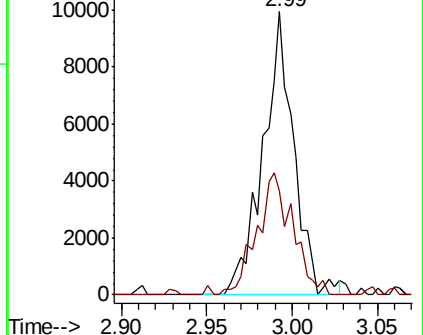
Acq: 31 Dec 2019 3:05

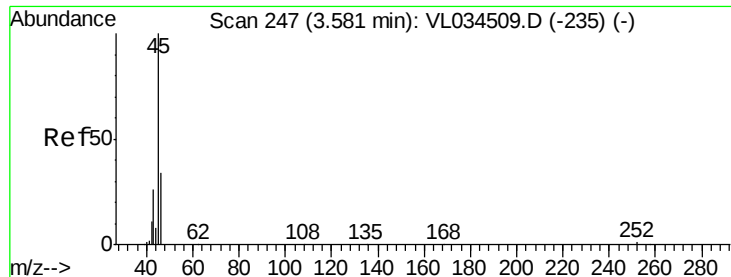
Tgt Ion	Ratio	Lower	Upper
41	100		
42	235.5	55.8	83.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 3.100 ppbv m

RT: 3.60 min Scan# 254

Delta R.T. 0.02 min

Lab File: VL034530.D

Acq: 31 Dec 2019 3:05

Instrument :

MSVOA_L

ClientSampled :

27-1DL

Tot Ion: 45 Resp: 38567

Ion Ratio Lower Upper

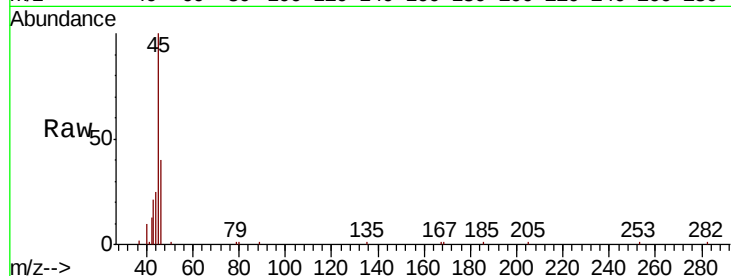
45 100

46 41.5 14.9 59.7

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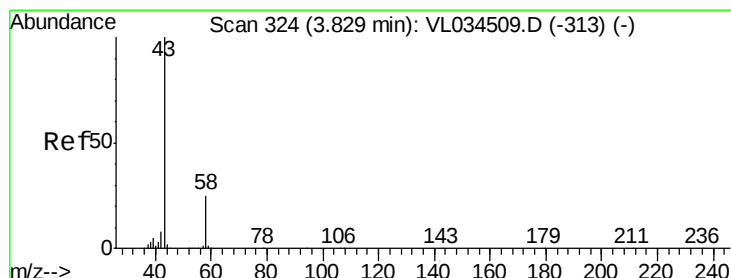
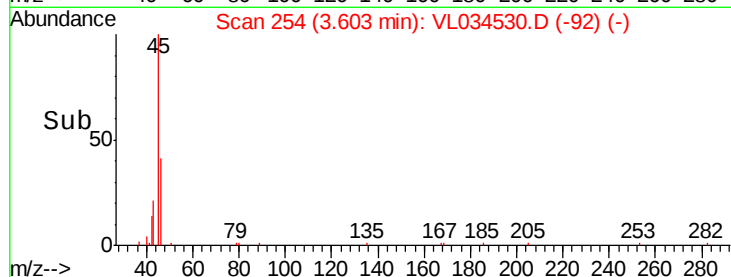
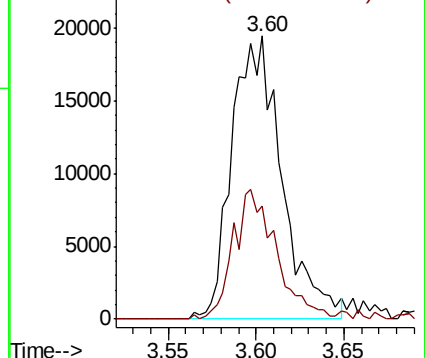
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 1.333 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.01 min

Lab File: VL034530.D

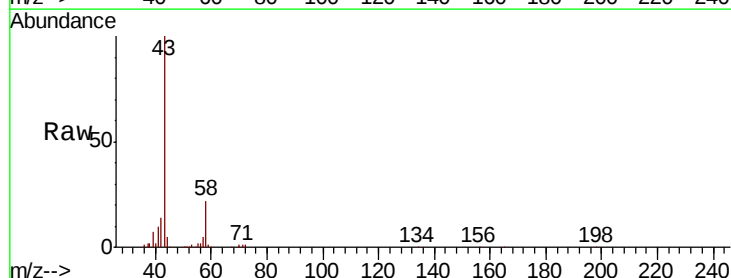
Acq: 31 Dec 2019 3:05

Tgt Ion: 43 Resp: 189847

Ion Ratio Lower Upper

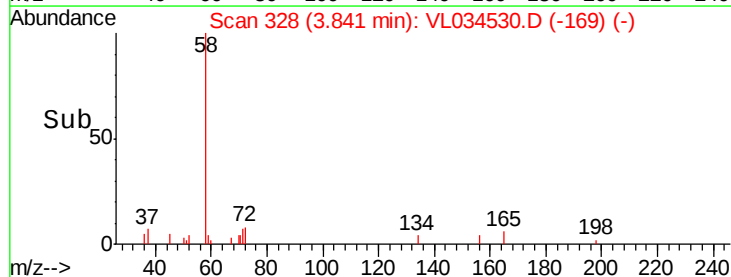
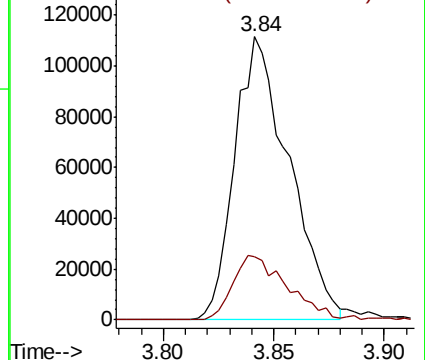
43 100

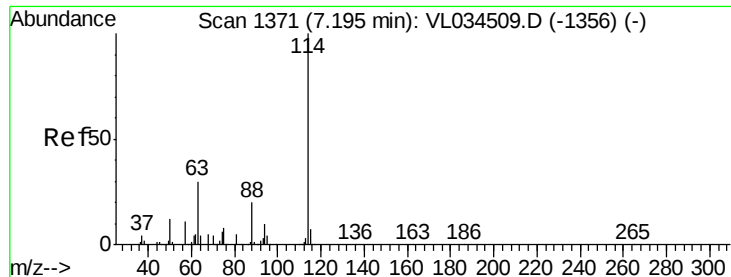
58 23.0 20.4 30.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





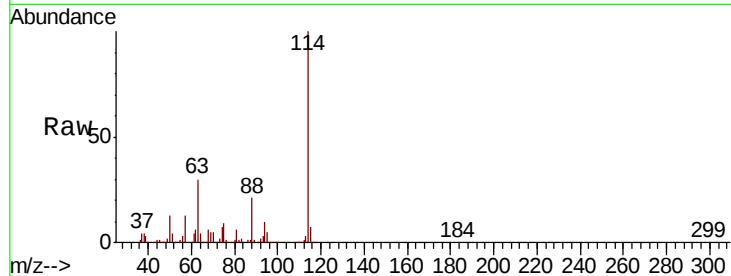
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: VL034530.D
 Acq: 31 Dec 2019 3:05

Instrument :
 MSVOA_L
 ClientSampled :
 27-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	20.2	15.7	23.5

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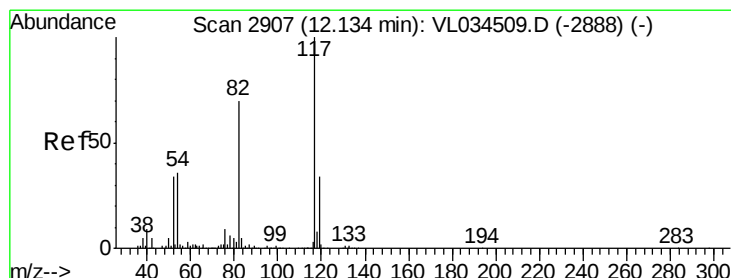
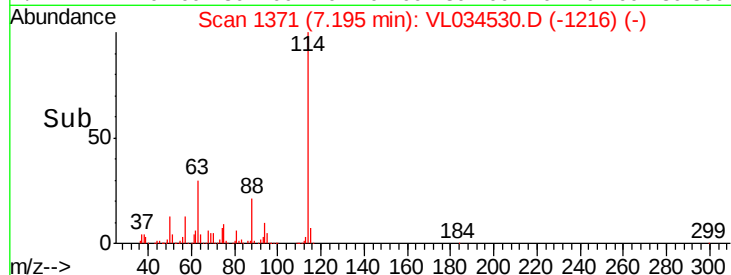
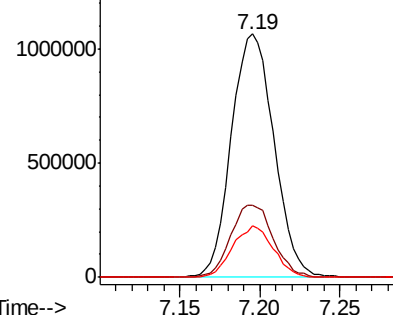
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Abundance Ion 114.10 (113.80 to 114.80): V

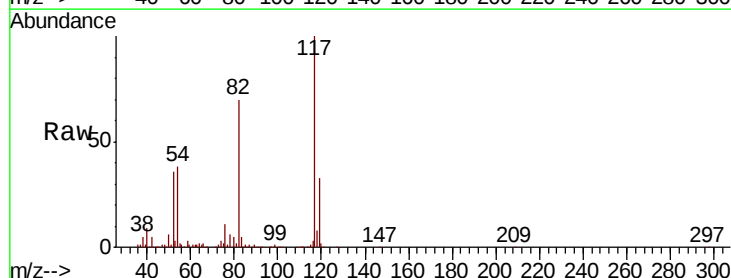
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2906
 Delta R.T. -0.00 min
 Lab File: VL034530.D
 Acq: 31 Dec 2019 3:05

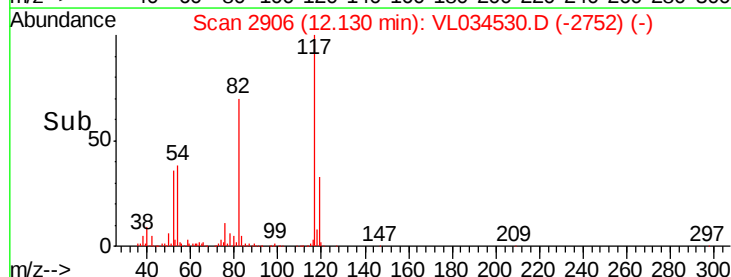
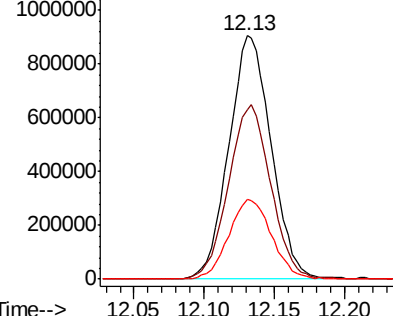
Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.8	56.2	84.4
119	33.4	27.1	40.7

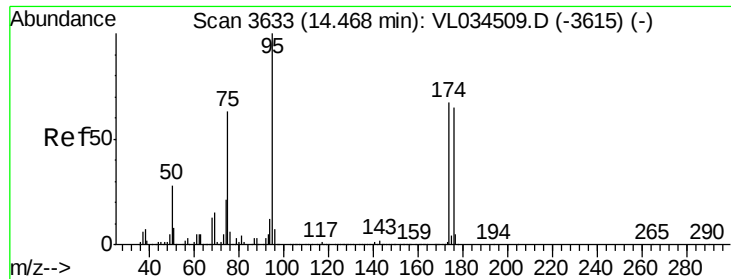


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.003 ppbv

RT: 14.47 min Scan# 3634

Delta R.T. 0.00 min

Lab File: VL034530.D

Acq: 31 Dec 2019 3:05

Instrument :

MSVOA_L

ClientSampleId :

27-1DL

Tot Ion: 95 Resp: 1588185

Ion Ratio Lower Upper

95 100

174 64.7 52.4 78.6

175 4.5 3.9 5.9

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