

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120319\
 Data File : VL034456.D
 Acq On : 3 Dec 2019 12:14
 Operator : SY/AP
 Sample : K6068-04DL2 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Manual Integrations
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 12/3/2019 5:04:04 PM

Quant Time: Dec 03 12:47:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1048003	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	2107638	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	2047075	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1752486	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%
Target Compounds						
38) Trichloroethene	7.88	130	588230	6.803	ppbv	Ovalue 99
52) Tetrachloroethene	11.28	164	233727m	2.564	ppbv	

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

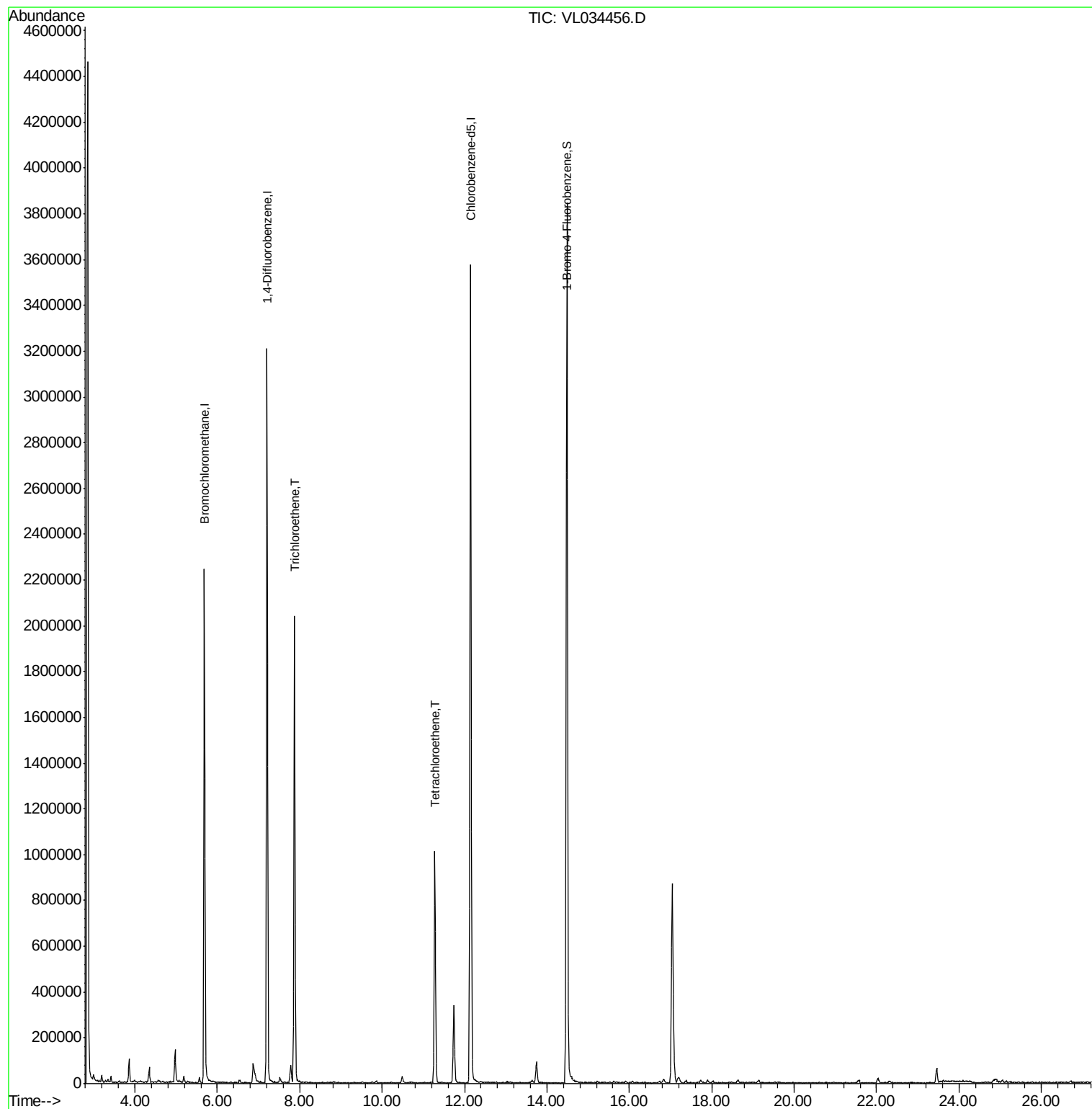
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Data File : VL034456.D
Acq On : 3 Dec 2019 12:14
Operator : SY/AP
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Misc : 400ml/MSVOA L
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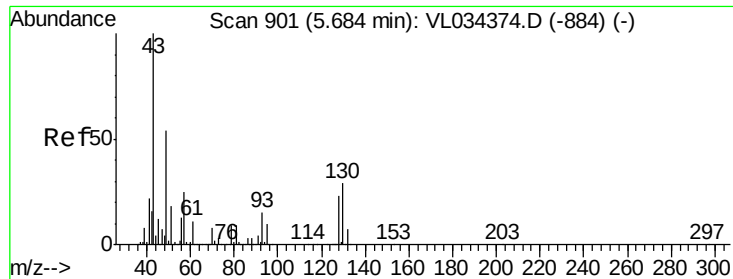
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

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Quant Time: Dec 03 12:47:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

Lab File: VL034456.D

Acq: 3 Dec 2019 12:14

Instrument :

MSVOA_L

ClientSampled :

SV-4DL2

Tot Ion: 49 Resp: 1048003

Ion Ratio Lower Upper

49 100

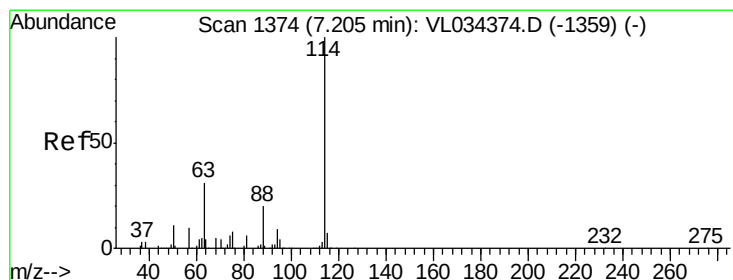
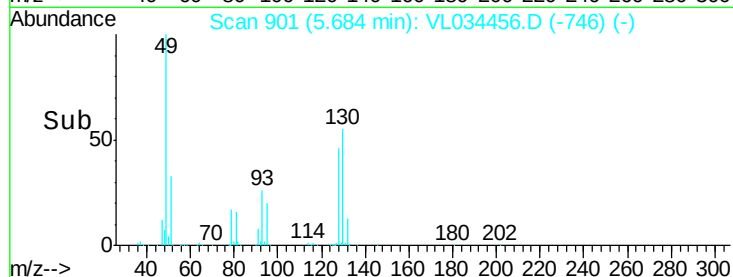
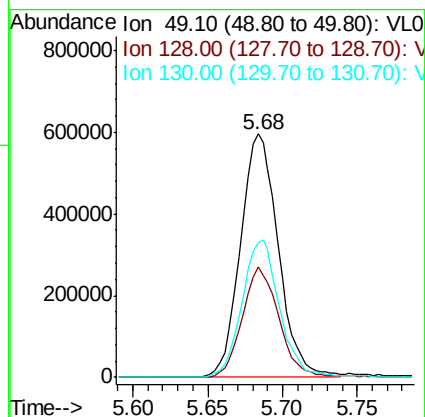
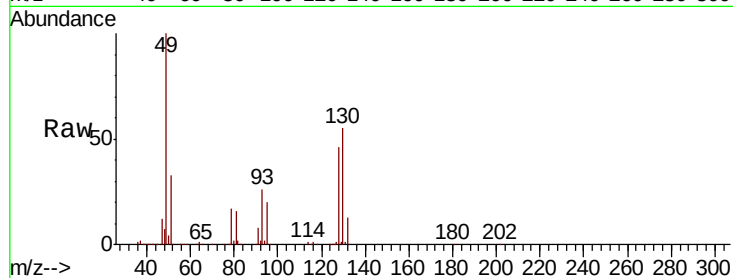
128 44.6 21.8 65.3

130 56.6 28.0 84.0

Manual Integrations
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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.21 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VL034456.D

Acq: 3 Dec 2019 12:14

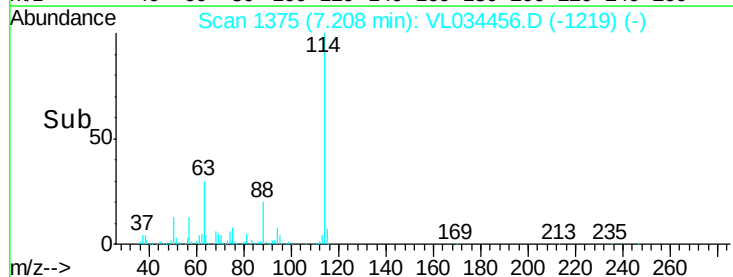
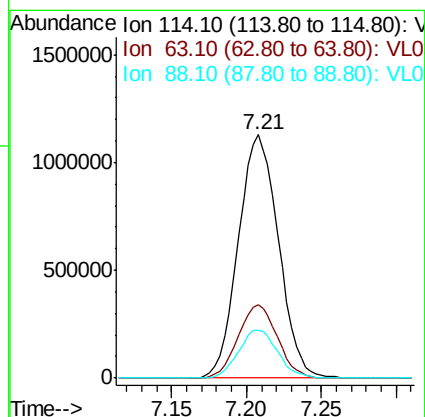
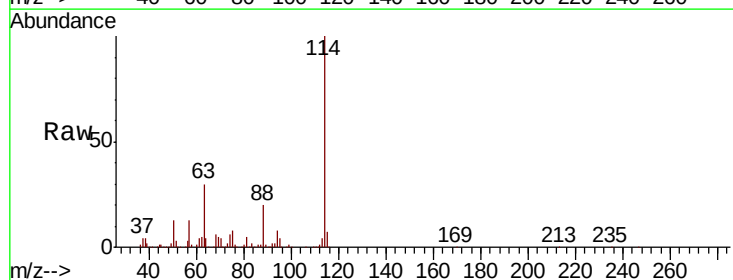
Tgt Ion: 114 Resp: 2107638

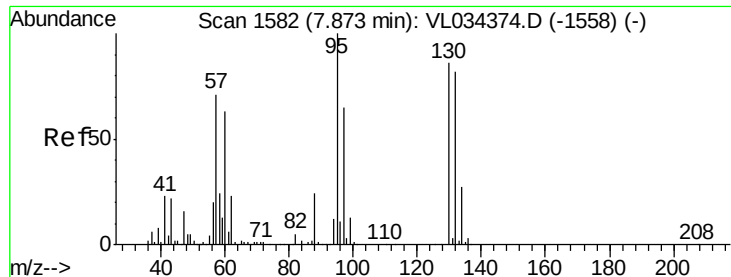
Ion Ratio Lower Upper

114 100

63 29.6 24.2 36.4

88 19.3 15.9 23.9





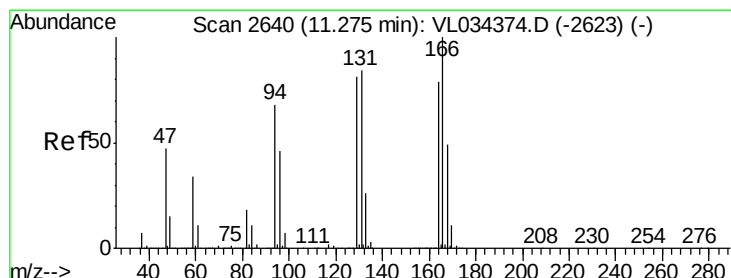
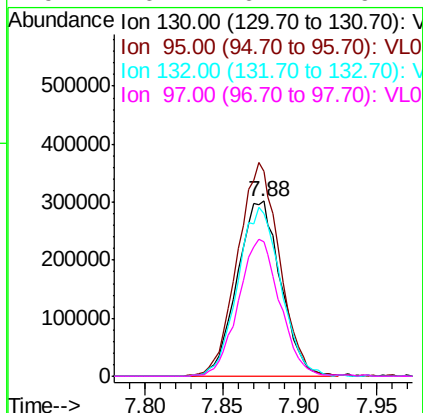
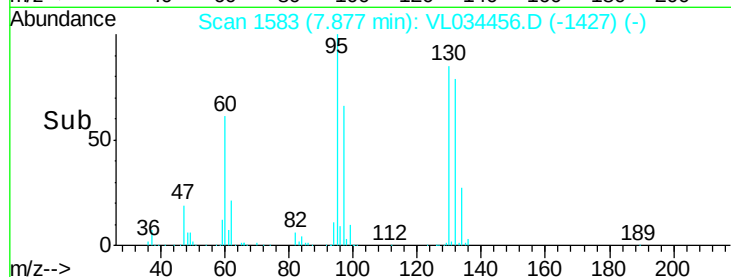
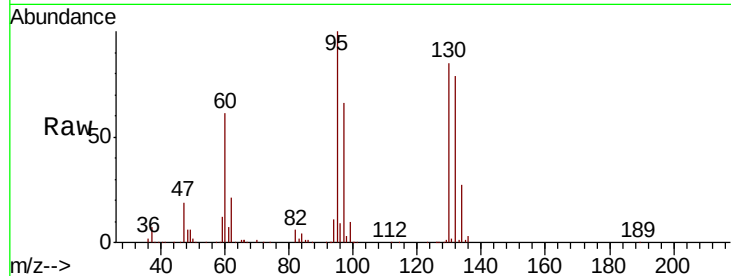
#38
 Trichloroethene
 Concen: 6.803 ppbv
 RT: 7.88 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VL034456.D
 Acq: 3 Dec 2019 12:14

Instrument :
 MSVOA_L
 ClientSampled :
 SV-4DL2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		588230		
95	116.5	93.4	140.0		
132	92.2	76.4	114.6		
97	76.7	61.1	91.7		

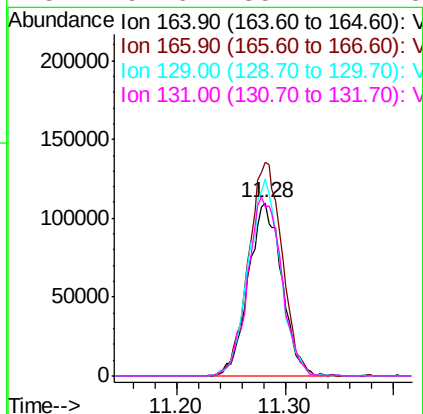
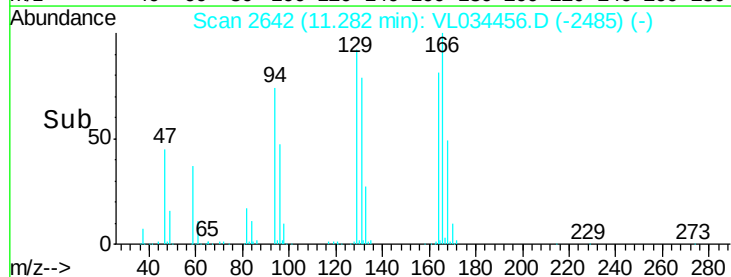
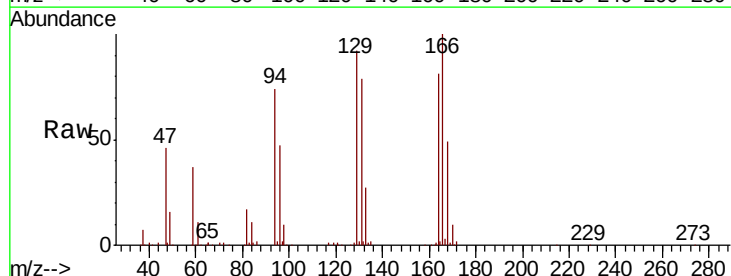
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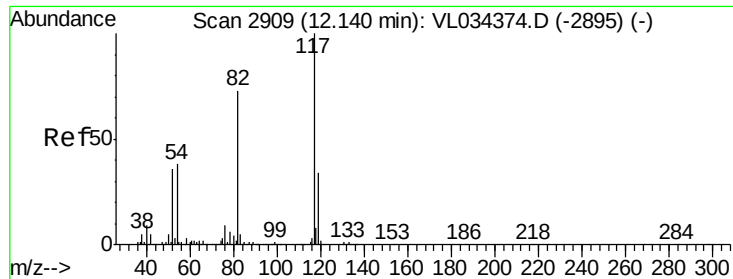
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#52
 Tetrachloroethene
 Concen: 2.564 ppbv m
 RT: 11.28 min Scan# 2642
 Delta R.T. 0.01 min
 Lab File: VL034456.D
 Acq: 3 Dec 2019 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		233727		
166	123.2	101.7	152.5		
129	113.9	82.6	123.8		
131	97.6	85.2	127.8		





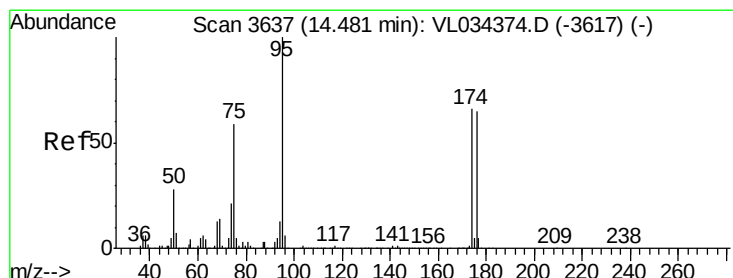
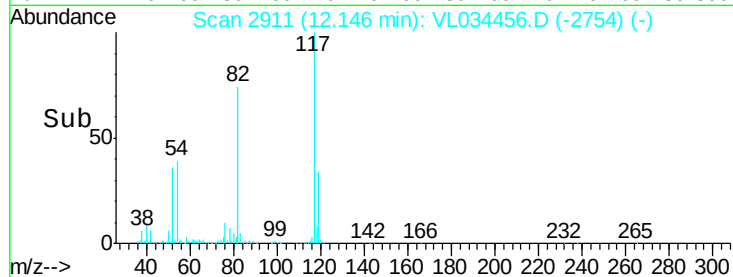
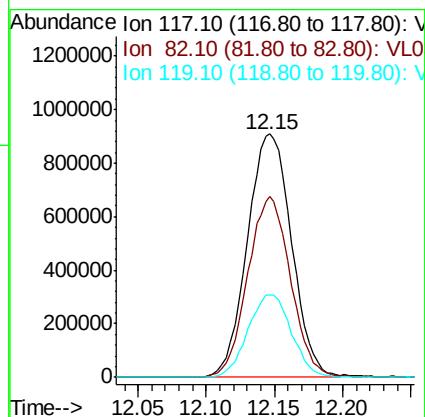
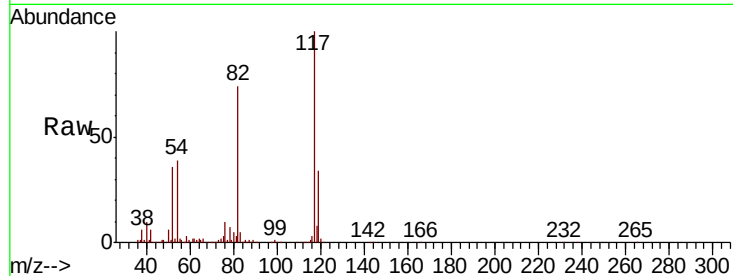
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL034456.D
Acq: 3 Dec 2019 12:14

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	72.3	57.5	86.3
119	33.6	25.4	38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.176 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. 0.00 min
Lab File: VL034456.D
Acq: 3 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.2	78.2
175	4.6	3.8	5.8

