

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112519\
 Data File : VL034412.D
 Acq On : 25 Nov 2019 18:59
 Operator : SY/AP
 Sample : K5971-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 4DL

Manual Integrations
 APPROVED

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 12/2/2019 10:03:54 AM

Quant Time: Nov 26 03:48:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 1
 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	919894	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1834439	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1786226	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1487066	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds					Ovalue
9) Propene	3.00	41	16375m	0.321	ppbv
13) Ethanol	3.59	45	4010615	282.551	ppbv 93
15) Acetone	3.84	43	167678	1.273	ppbv 98
20) Methylene Chloride	4.34	84	11183m	0.239	ppbv

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

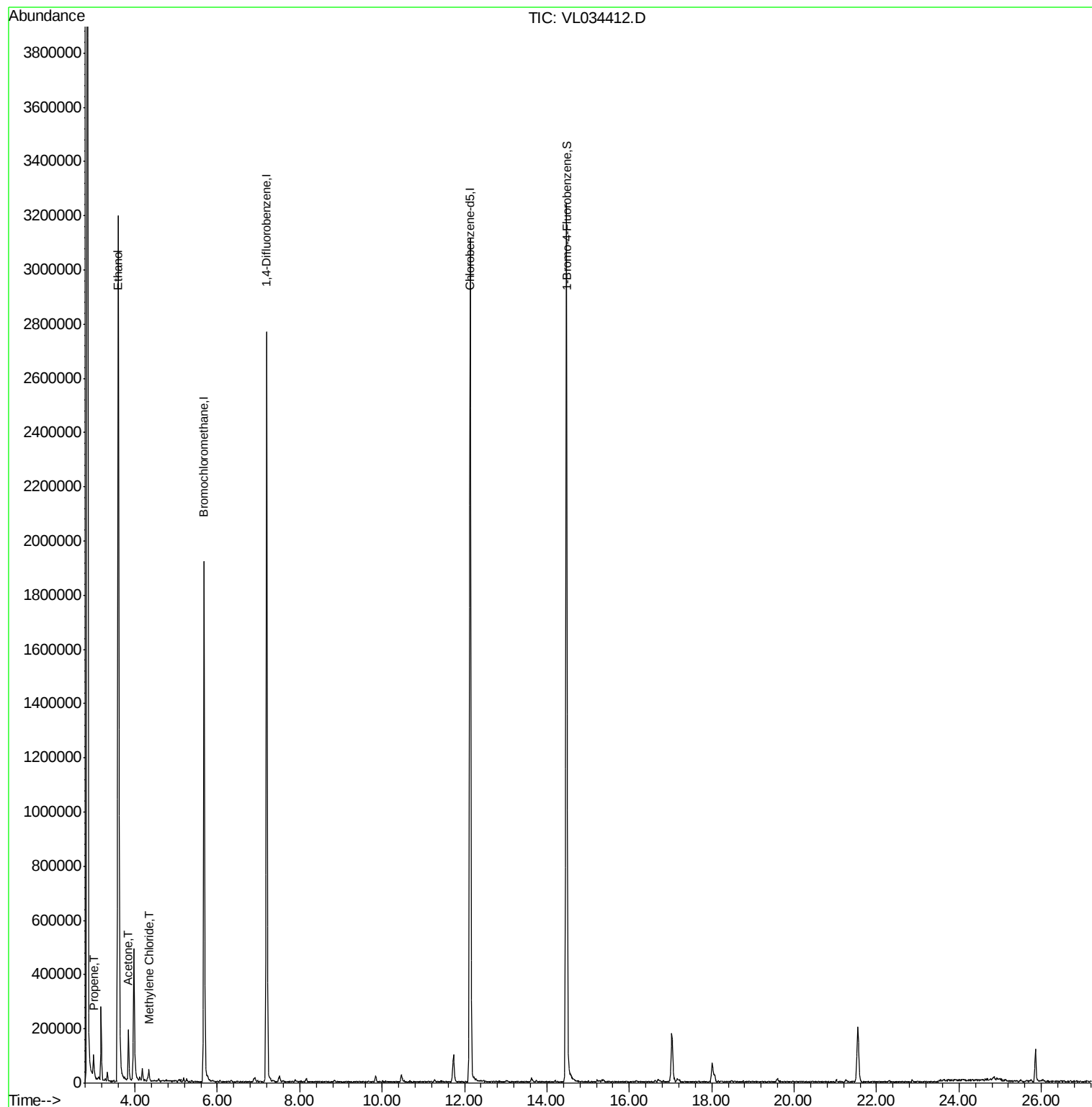
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112519\
Data File : VL034412.D
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Operator : SY/AP
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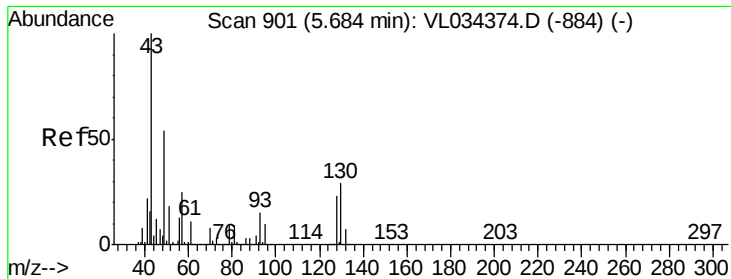
Instrument :
MSVOA_L
ClientSampleId :
4DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue 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# 899

Delta R.T. -0.01 min

Lab File: VL034412.D

Acq: 25 Nov 2019 18:59

Instrument :

MSVOA_L

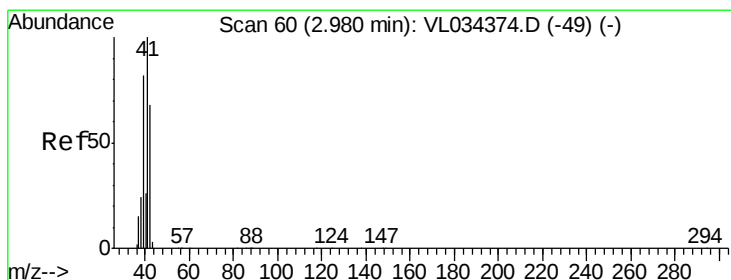
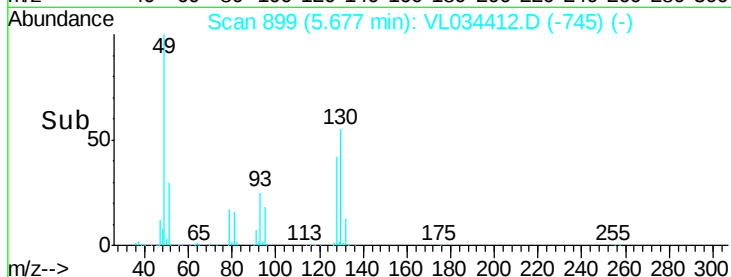
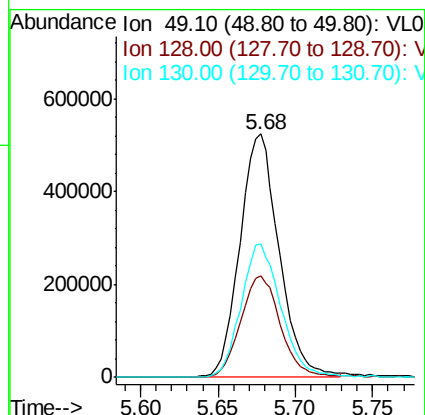
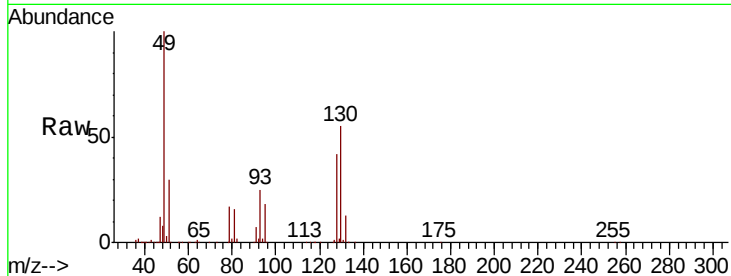
ClientSampled :

4DL

Tot Ion:	49	Resp:	919894
Ion Ratio	Lower	Upper	
49	100		
128	43.2	21.8	65.3
130	56.2	28.0	84.0

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#9

Propene

Concen: 0.321 ppbv m

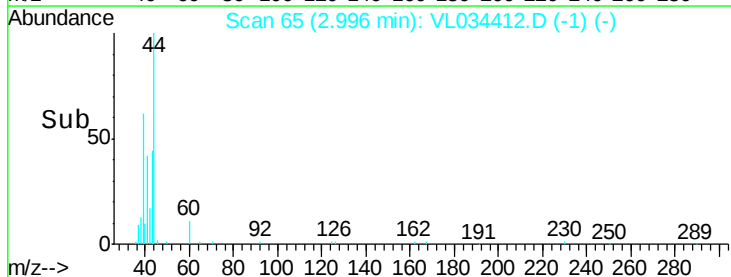
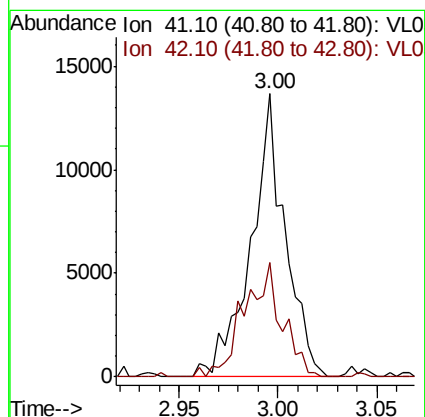
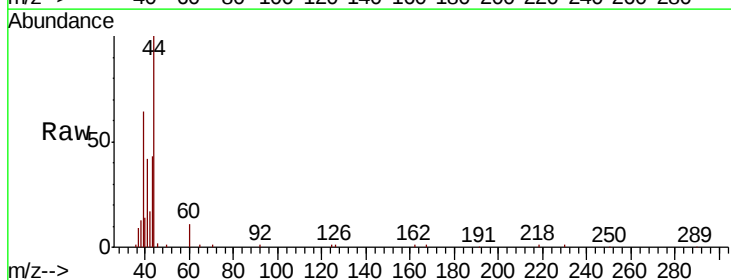
RT: 3.00 min Scan# 65

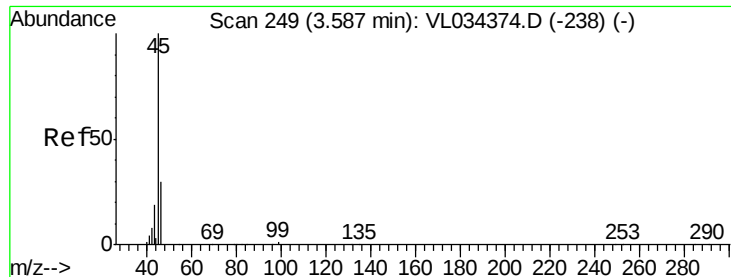
Delta R.T. 0.02 min

Lab File: VL034412.D

Acq: 25 Nov 2019 18:59

Tgt Ion:	41	Resp:	16375
Ion Ratio	Lower	Upper	
41	100		
42	289.0	54.6	82.0#





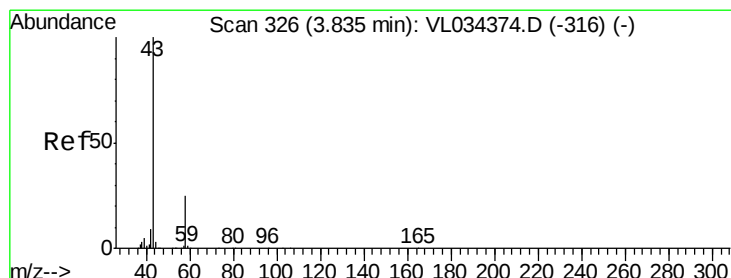
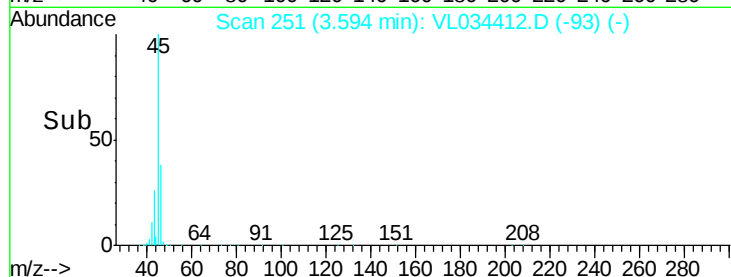
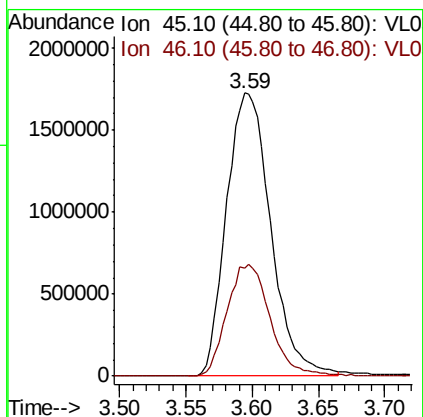
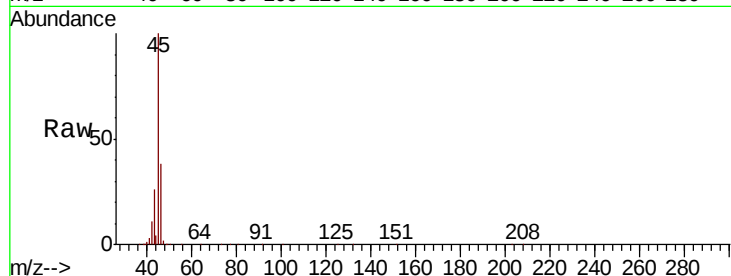
#13
Ethanol
Concen: 282.551 ppbv
RT: 3.59 min Scan# 251
Delta R.T. 0.01 min
Lab File: VL034412.D
Acq: 25 Nov 2019 18:59

Instrument :
MSVOA_L
ClientSampleId :
4DL

Tot Ion: 45 Resp: 4010615
Ion Ratio Lower Upper
45 100
46 38.8 13.8 55.4

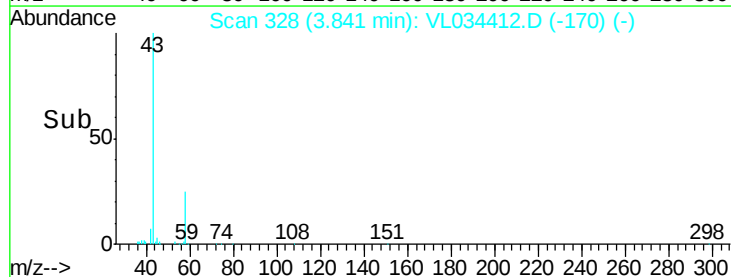
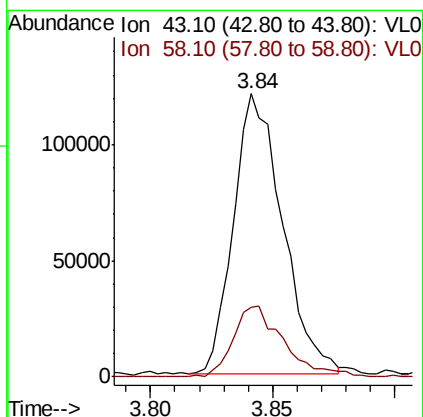
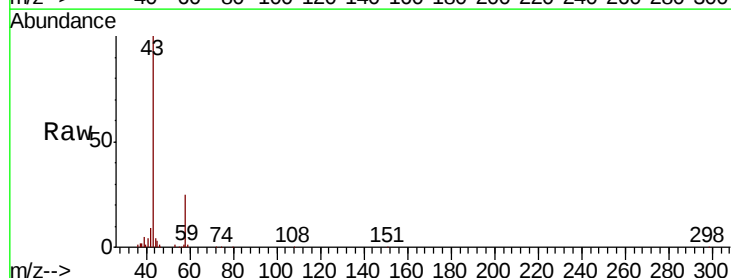
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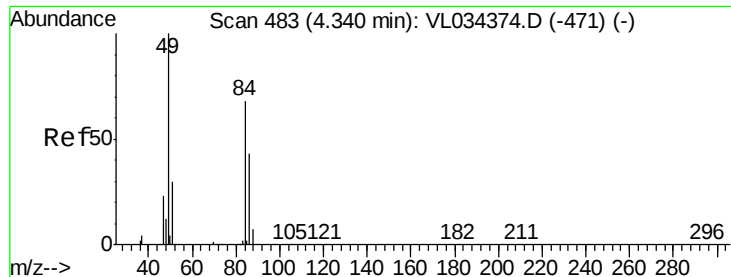
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#15
Acetone
Concen: 1.273 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.01 min
Lab File: VL034412.D
Acq: 25 Nov 2019 18:59

Tgt Ion: 43 Resp: 167678
Ion Ratio Lower Upper
43 100
58 26.4 20.2 30.4





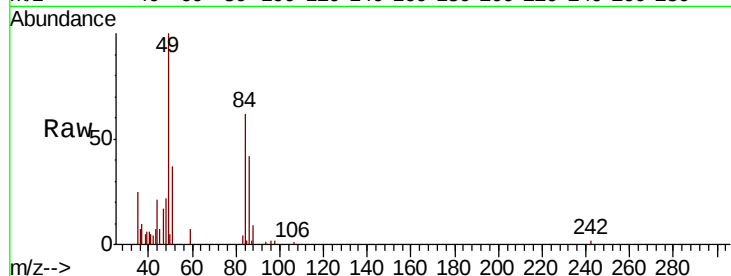
#20
Methylene Chloride
Concen: 0.239 ppbv m
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL034412.D
Acq: 25 Nov 2019 18:59

Instrument :
MSVOA_L
ClientSampled :
4DL

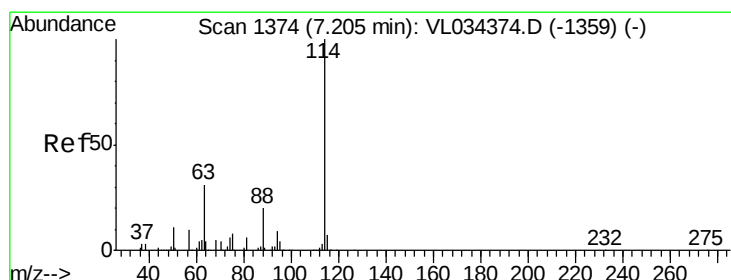
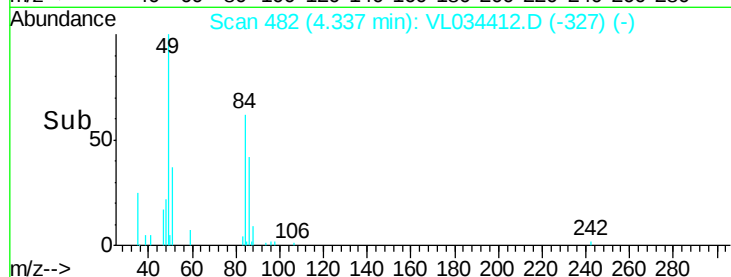
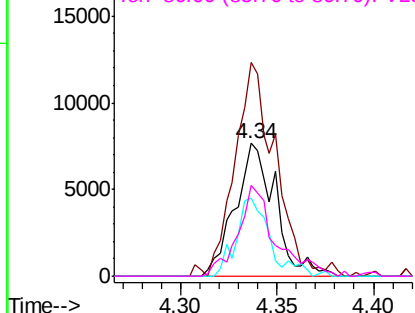
Tot Ion	84	Resp	11183
Ion	Ratio	Lower	Upper
84	100		
49	160.8	116.8	175.2
51	59.3	35.6	53.4
86	68.0	50.7	76.1

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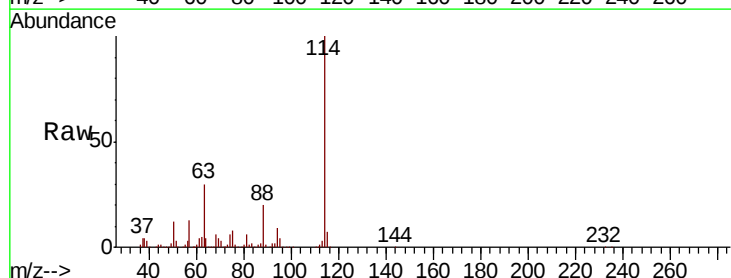


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

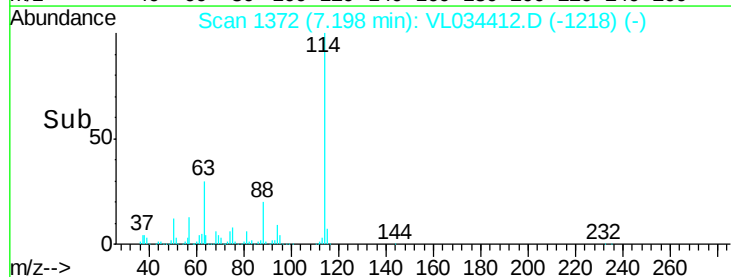
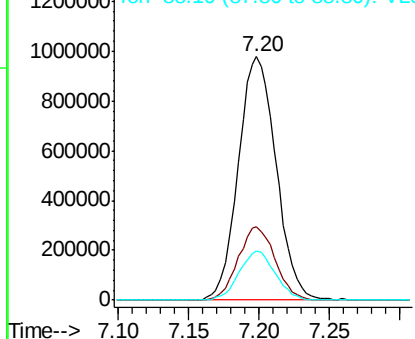


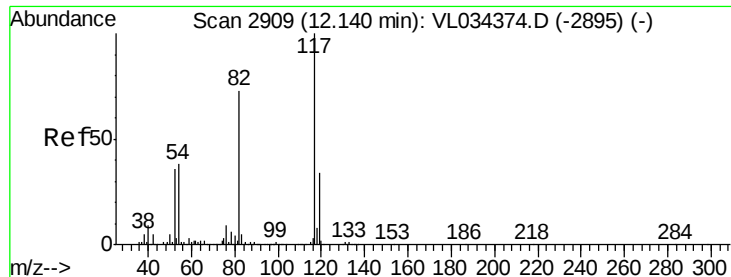
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.01 min
Lab File: VL034412.D
Acq: 25 Nov 2019 18:59

Tgt Ion	114	Resp	1834439
Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.2	36.4
88	19.5	15.9	23.9



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





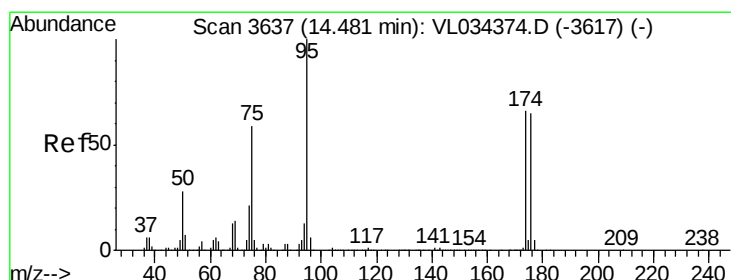
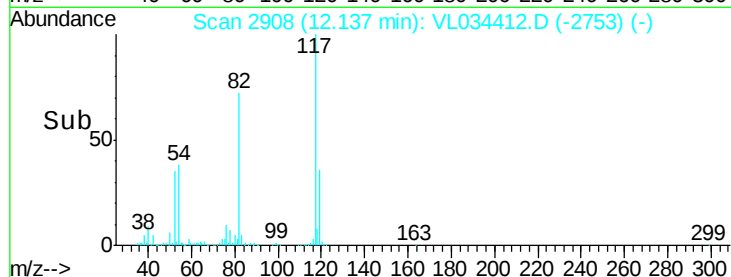
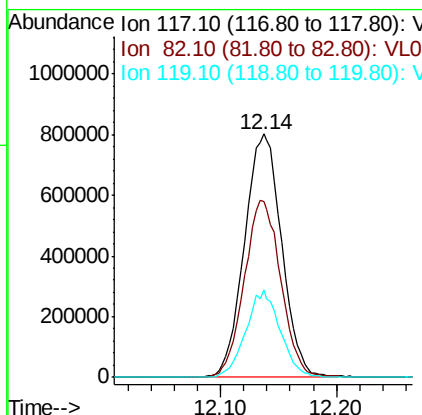
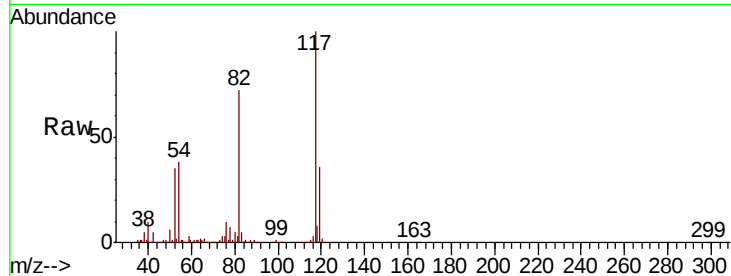
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VL034412.D
Acq: 25 Nov 2019 18:59

Instrument :
MSVOA_L
ClientSampled :
4DL

Tot Ion:117 Resp: 1786226
Ion Ratio Lower Upper
117 100
82 72.0 57.5 86.3
119 33.2 25.4 38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.896 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034412.D
Acq: 25 Nov 2019 18:59

Tgt Ion: 95 Resp: 1487066
Ion Ratio Lower Upper
95 100
174 66.8 52.2 78.2
175 4.7 3.8 5.8

