

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034630.D
 Acq On : 18 Feb 2020 18:59
 Operator : SY/AP
 Sample : L1532-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-PR-IADL

Manual Integrations
 APPROVED

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Quant Time: Feb 20 16:52:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	880198	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1841626	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1886611	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1606171	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	85968m	7.750	ppbv	
15) Acetone	3.83	43	84517	0.653	ppbv	# 88
53) Toluene	9.82	91	26518m	0.147	ppbv	

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

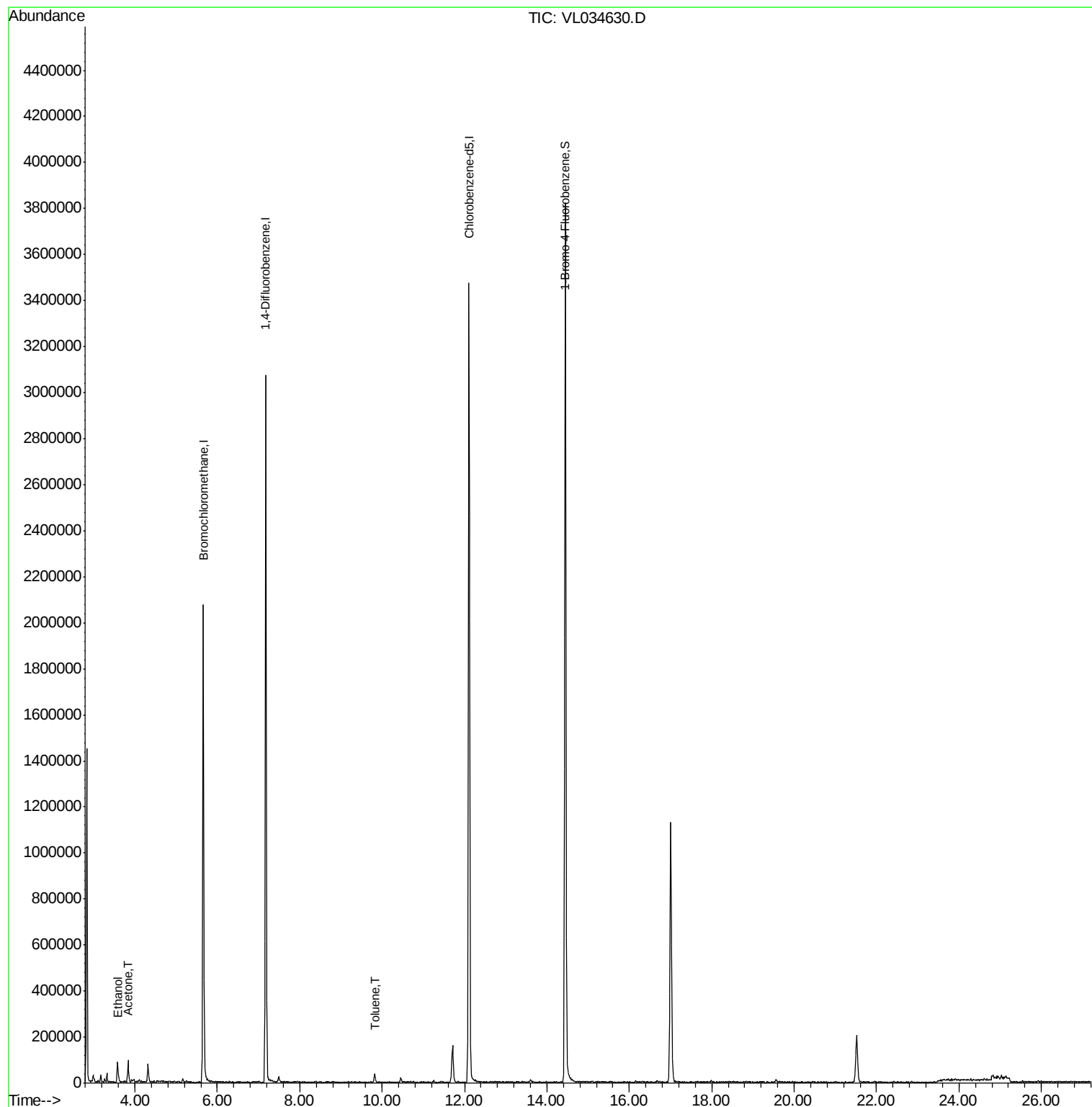
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021820\
Data File : VL034630.D
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Operator : SY/AP
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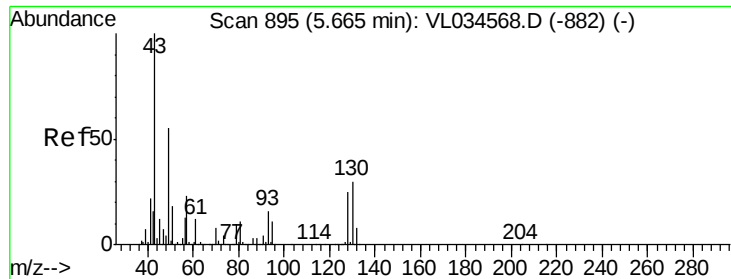
Instrument :
MSVOA_L
ClientSampleId :
IR-PR-IADL

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Quant Time: Feb 20 16:52:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

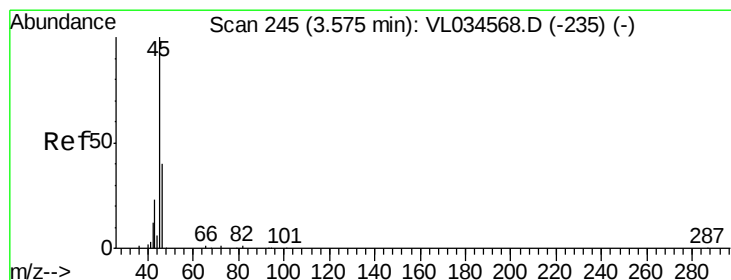
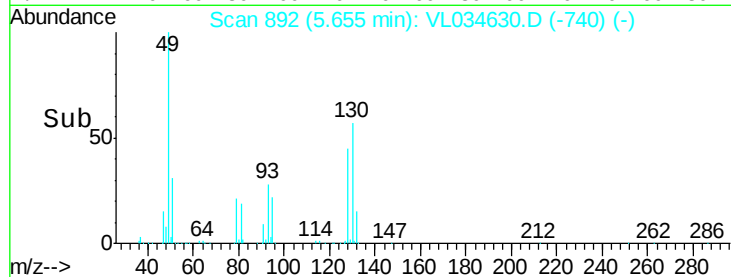
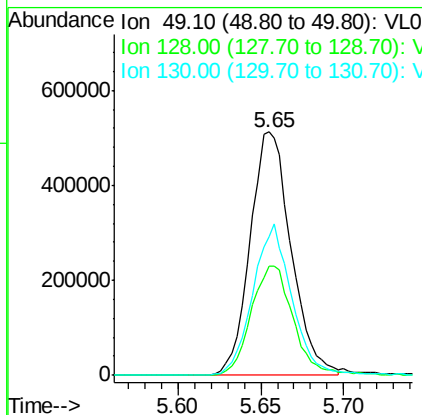
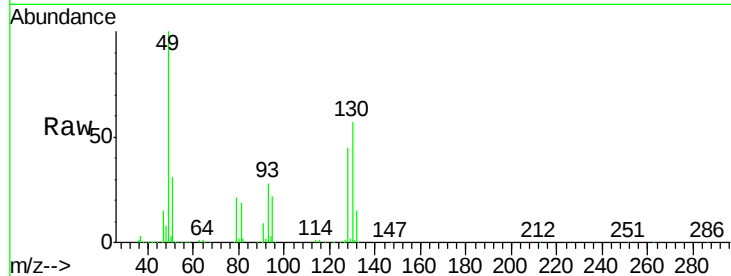
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: VL034630.D
 Acq: 18 Feb 2020 18:59

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-PR-IADL

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.5	22.7	68.1
130	60.0	28.6	85.8

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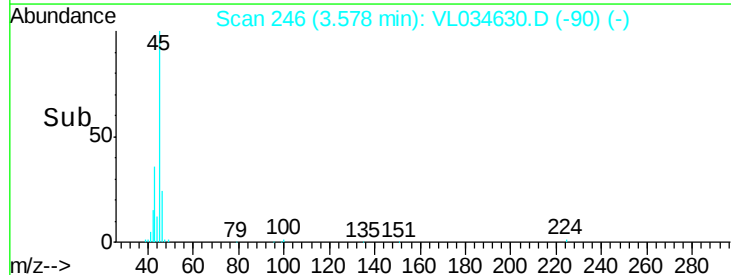
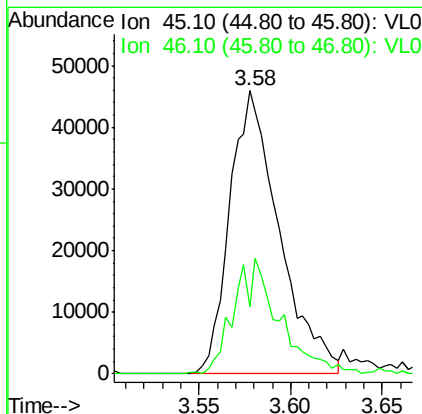
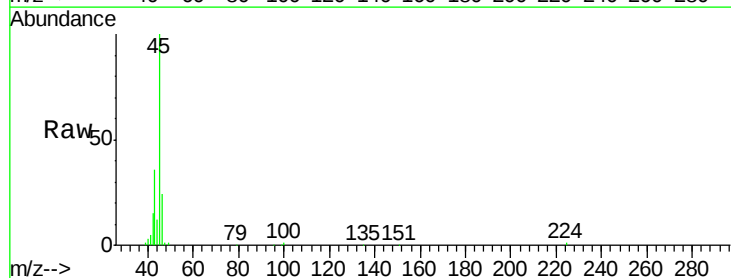
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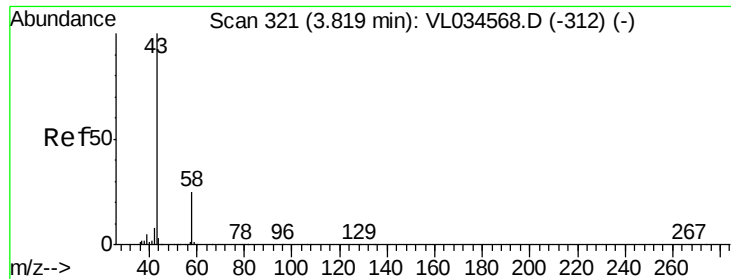


#13

Ethanol
 Concen: 7.750 ppbv m
 RT: 3.58 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VL034630.D
 Acq: 18 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.6	14.8	59.2





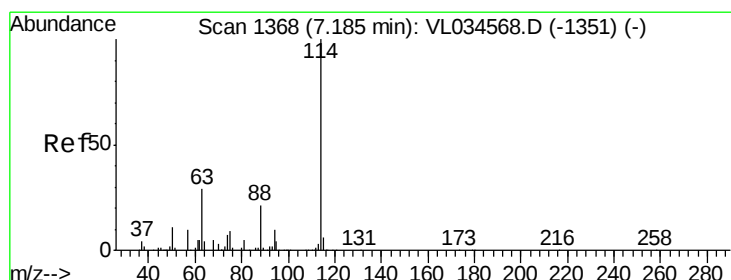
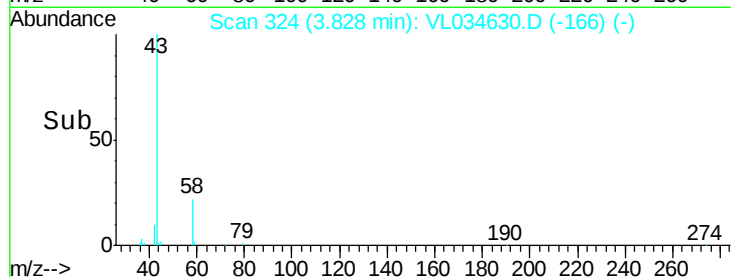
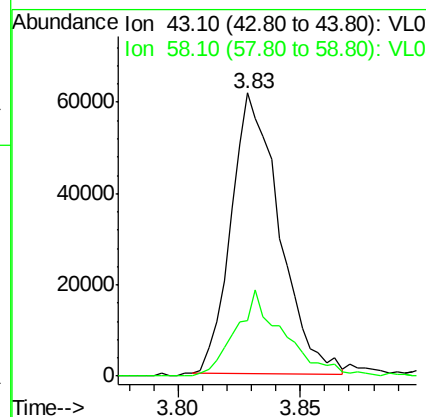
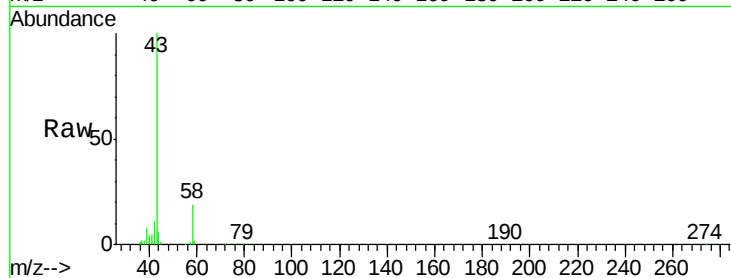
#15
Acetone
Concen: 0.653 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL034630.D
Acq: 18 Feb 2020 18:59

Instrument :
MSVOA_L
ClientSampleId :
IR-PR-IADL

Tot Ion: 43 Resp: 84517
Ion Ratio Lower Upper
43 100
58 31.3 20.3 30.5#

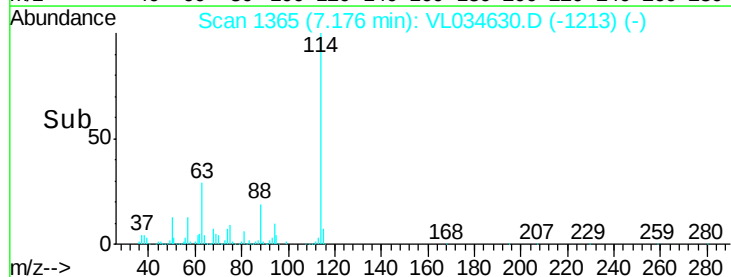
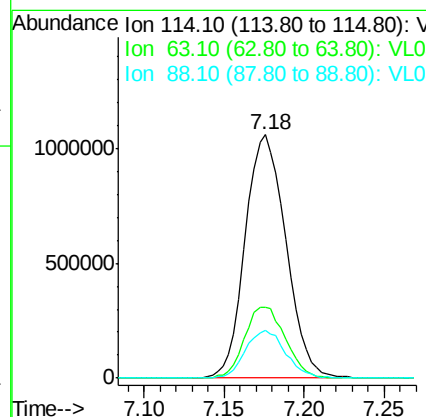
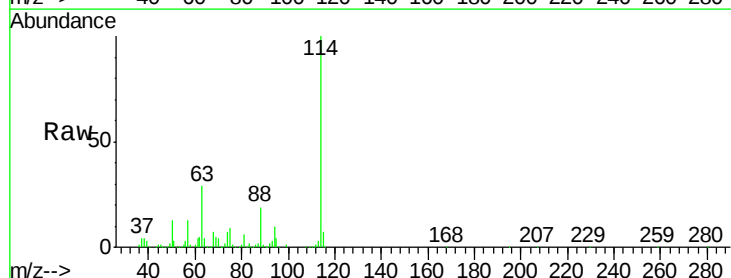
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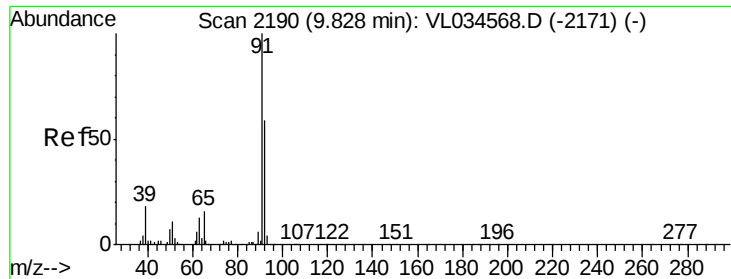
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL034630.D
Acq: 18 Feb 2020 18:59

Tgt Ion: 114 Resp: 1841626
Ion Ratio Lower Upper
114 100
63 29.4 24.1 36.1
88 19.3 15.9 23.9





#53

Toluene

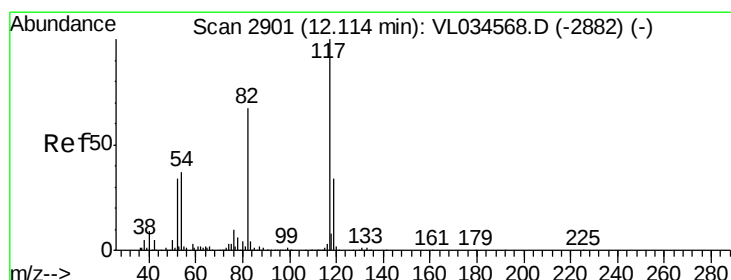
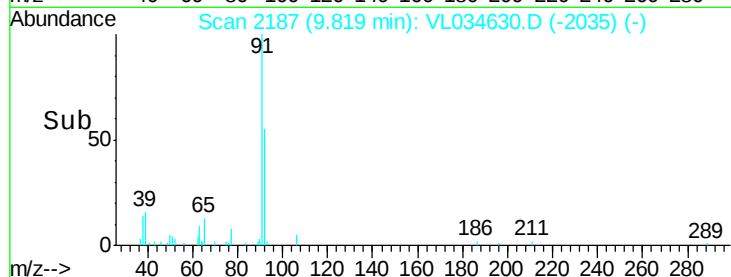
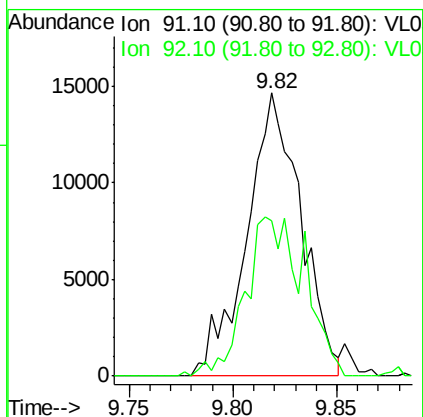
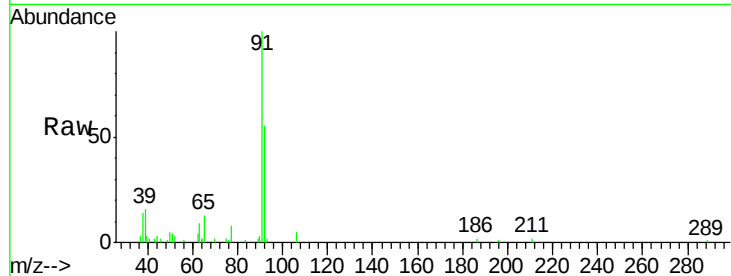
Concen: 0.147 ppbv m
 RT: 9.82 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VL034630.D
 Acq: 18 Feb 2020 18:59

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-PR-IADL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		26518		
92	61.1	48.2	72.2		

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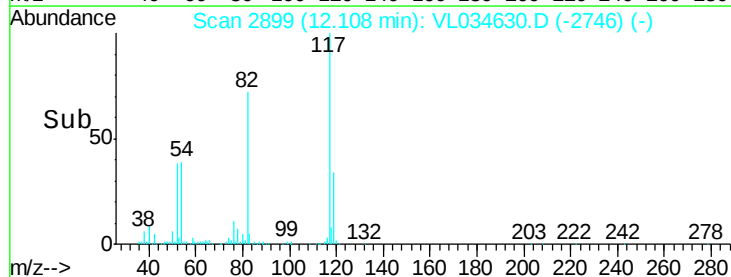
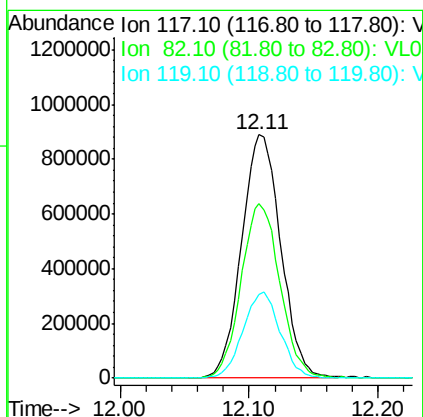
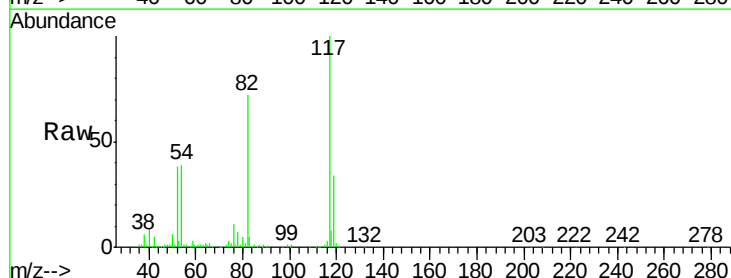


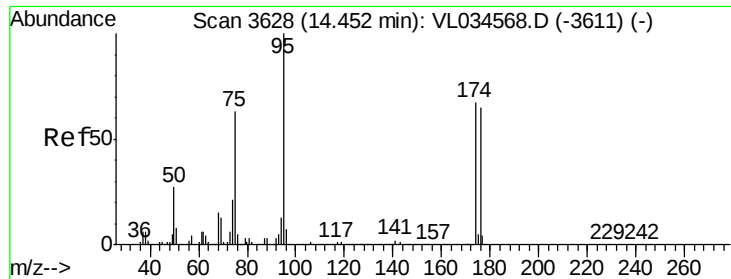
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: VL034630.D
 Acq: 18 Feb 2020 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		1886611		
82	71.1	54.2	81.4		
119	33.7	26.1	39.1		





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.074 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.01 min
 Lab File: VL034630.D
 Acq: 18 Feb 2020 18:59

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-PR-IADL

Tot Ion	Ratio	Lower	Upper
95	100		
174	63.4	52.3	78.5
175	4.5	3.8	5.6

Manual Integrations
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