

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034636.D
 Acq On : 18 Feb 2020 22:58
 Operator : SY/AP
 Sample : L1532-09DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BRSSDL

Manual Integrations
 APPROVED

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Quant Time: Feb 20 17:14:50 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	857982	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1755942	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1752184	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1520775	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	27207m	2.516	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	34137m	0.384	ppbv	
52) Tetrachloroethene	11.25	164	76646m	1.222	ppbv	

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

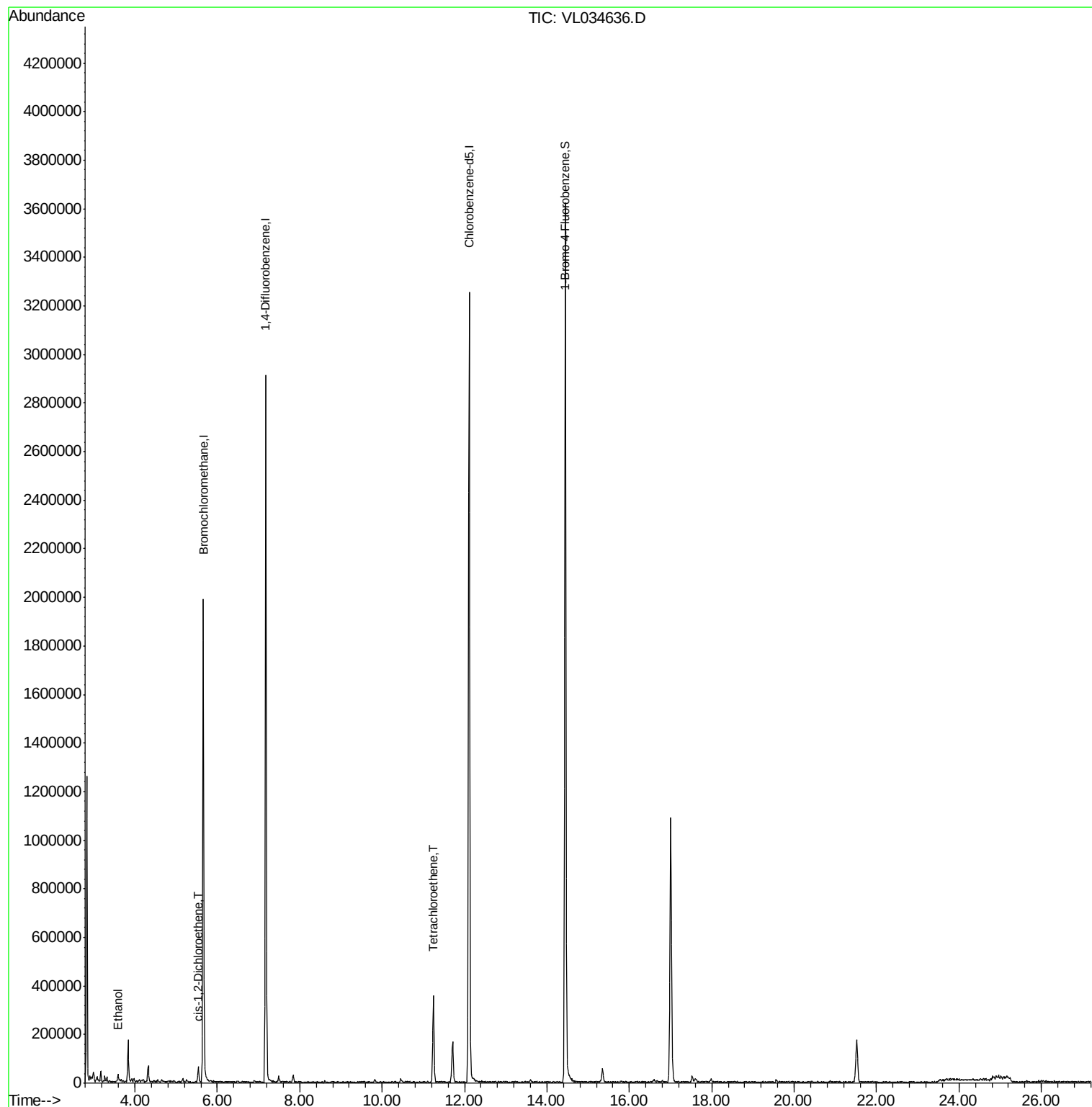
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021820\
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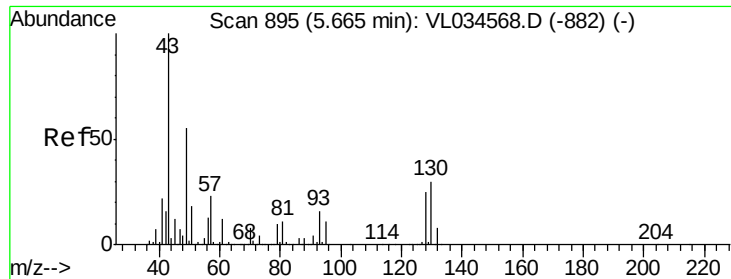
Instrument :
MSVOA_L
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Quant Time: Feb 20 17:14:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL034636.D

Acq: 18 Feb 2020 22:58

Instrument :

MSVOA_L

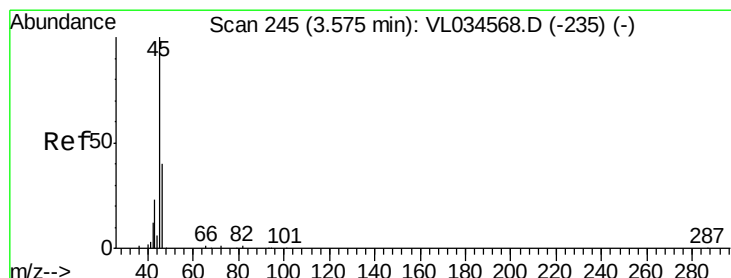
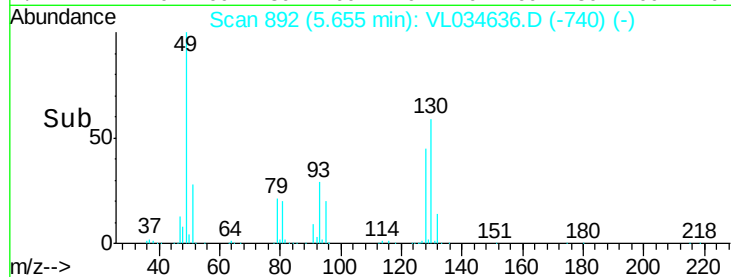
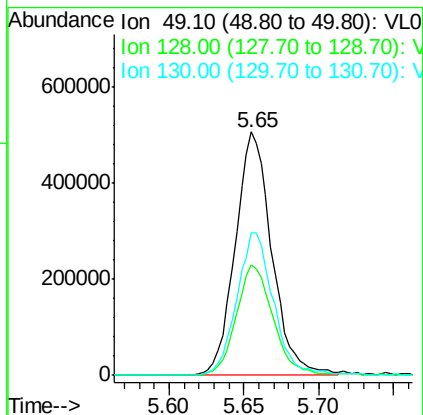
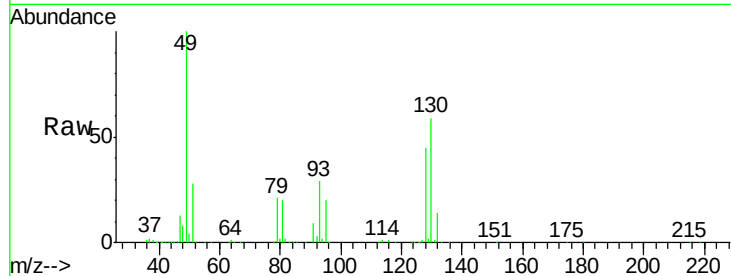
ClientSampleId :

IR-BRSSL

Tot Ion:	49	Resp:	857982
Ion	Ratio	Lower	Upper
49	100		
128	46.2	22.7	68.1
130	59.0	28.6	85.8

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#13

Ethanol

Concen: 2.516 ppbv m

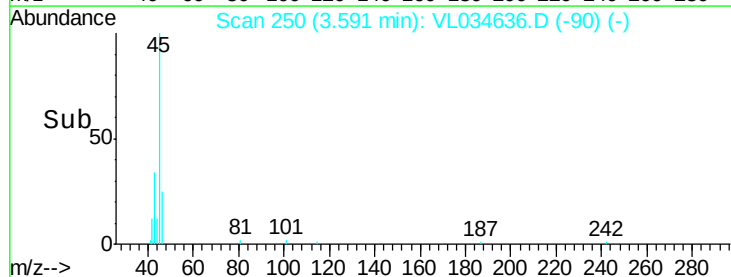
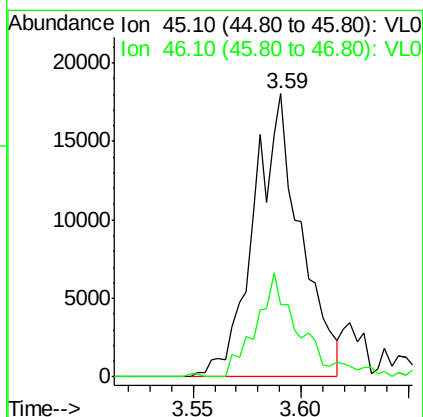
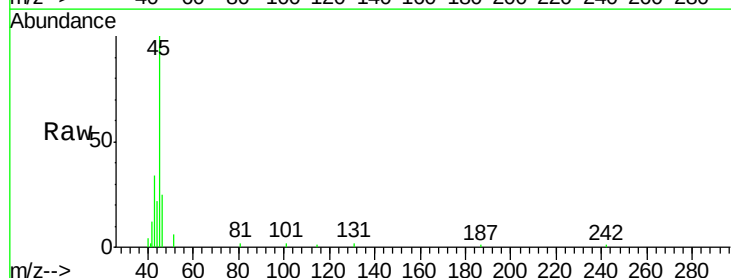
RT: 3.59 min Scan# 250

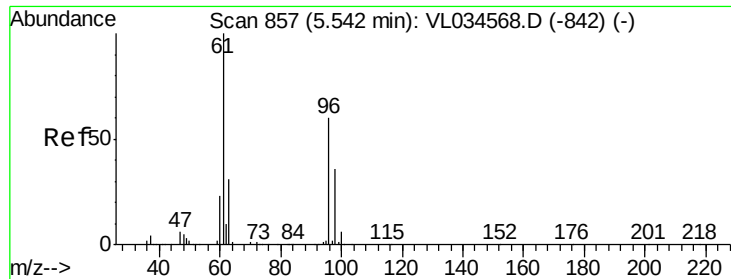
Delta R.T. 0.02 min

Lab File: VL034636.D

Acq: 18 Feb 2020 22:58

Tgt Ion:	45	Resp:	27207
Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.2#





#31

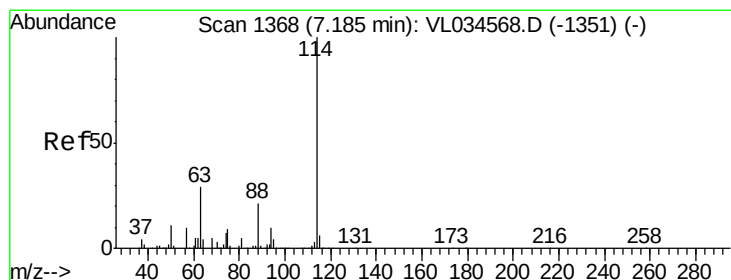
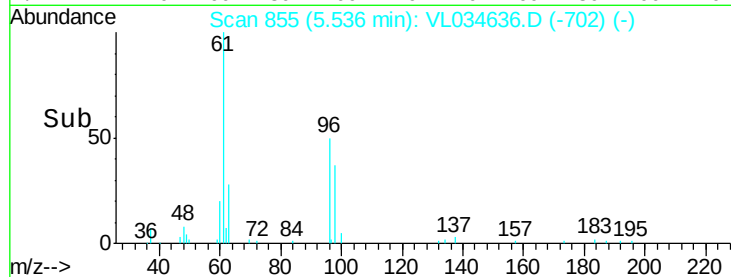
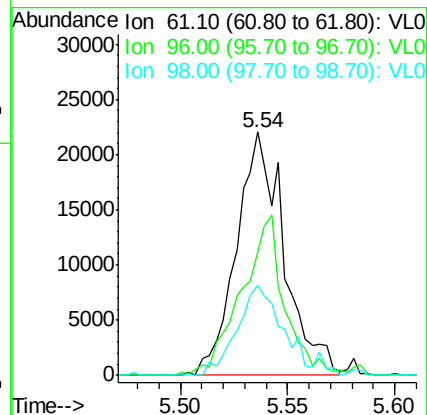
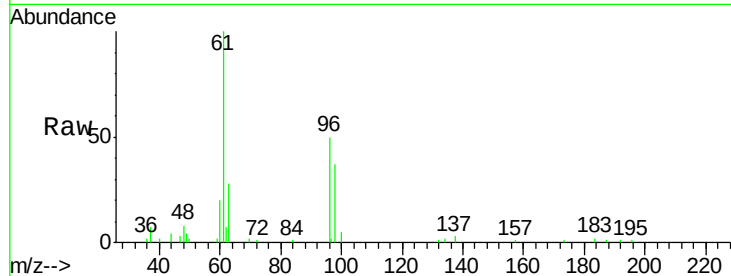
cis-1,2-Dichloroethene
Concen: 0.384 ppbv m
RT: 5.54 min Scan# 855
Delta R.T. -0.01 min
Lab File: VL034636.D
Acq: 18 Feb 2020 22:58

Instrument :
MSVOA_L
ClientSampleId :
IR-BRSSL

Tot Ion	Ratio	Lower	Upper
61	100		
96	50.5	48.0	72.0
98	36.9	28.6	43.0

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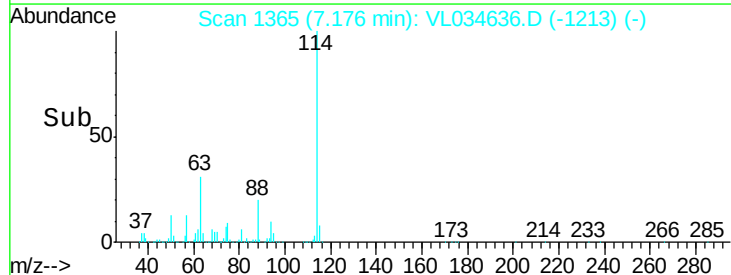
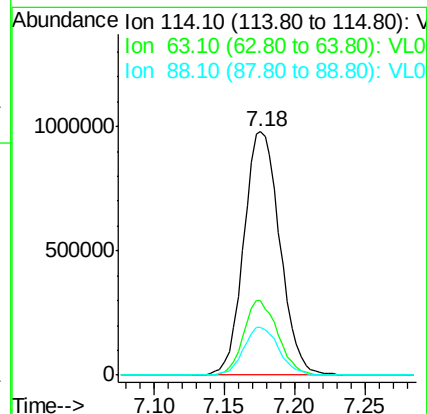
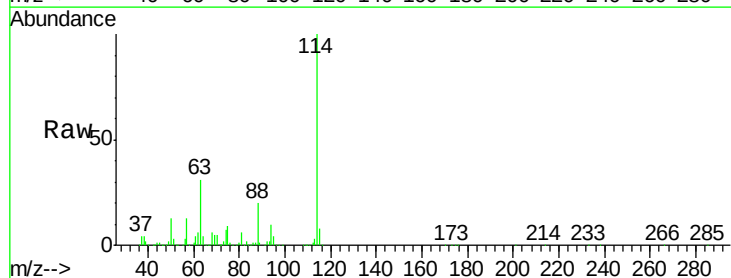
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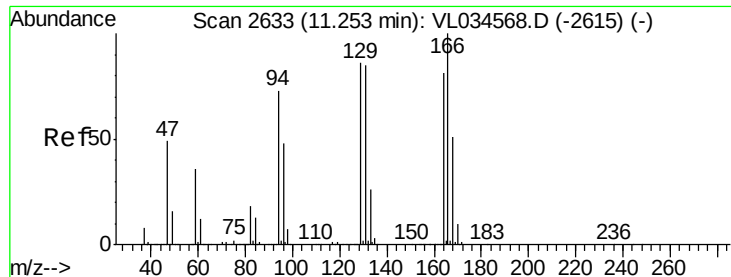


#33

1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL034636.D
Acq: 18 Feb 2020 22:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.2	15.9	23.9





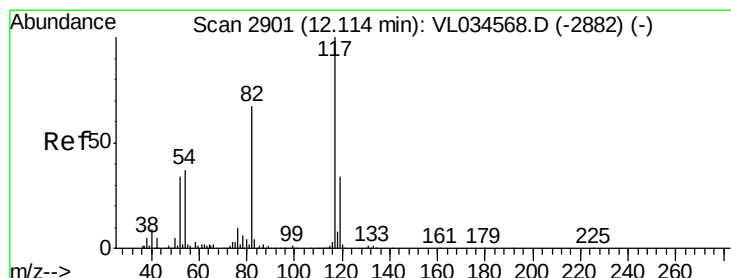
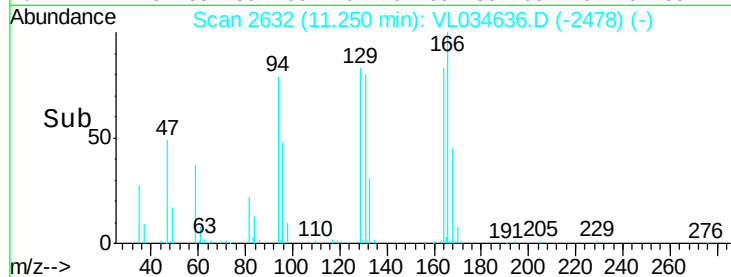
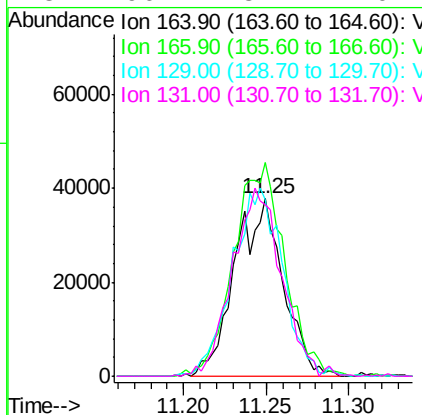
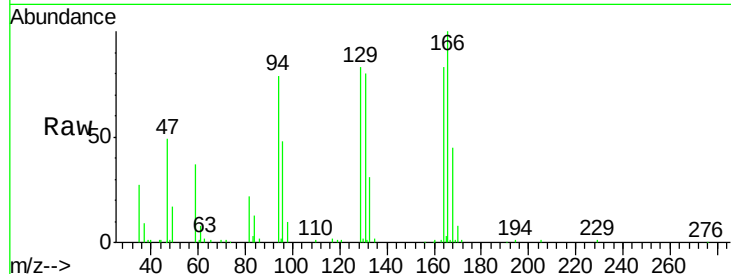
#52
Tetrachloroethene
Concen: 1.222 ppbv m
RT: 11.25 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VL034636.D
Acq: 18 Feb 2020 22:58

Instrument :
MSVOA_L
ClientSampleId :
IR-BRSSL

Tot Ion	Ratio	Lower	Upper
164	100		
166	120.4	99.0	148.4
129	99.8	85.3	127.9
131	96.7	84.2	126.2

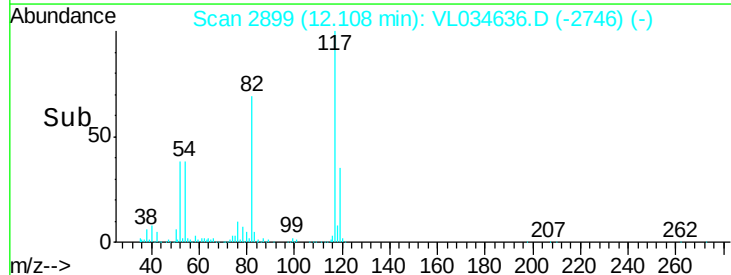
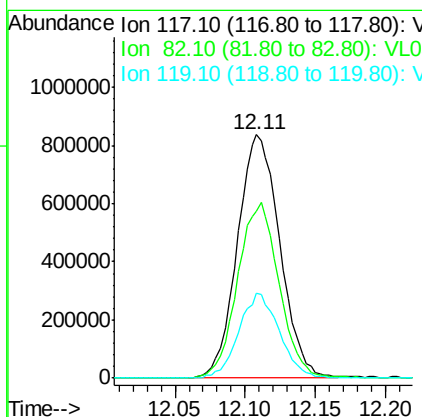
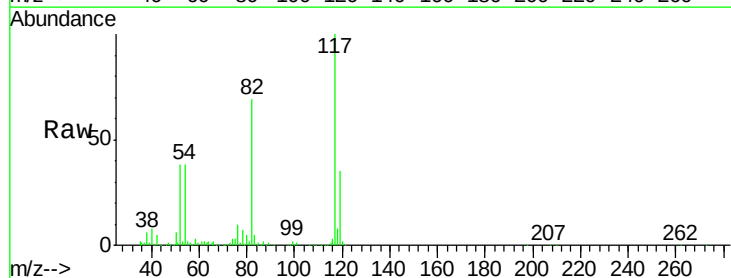
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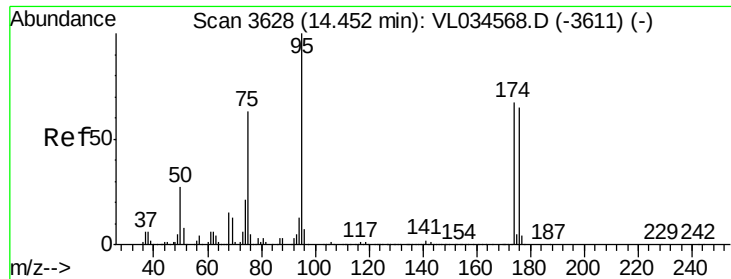
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL034636.D
Acq: 18 Feb 2020 22:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.6	54.2	81.4
119	33.6	26.1	39.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.270 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.01 min
 Lab File: VL034636.D
 Acq: 18 Feb 2020 22:58

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BRSSDL

Tot Ion: 95 Resp: 1520775
 Ion Ratio Lower Upper
 95 100
 174 63.7 52.3 78.5
 175 4.6 3.8 5.6

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