

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030920\
 Data File : VL034860.D
 Acq On : 10 Mar 2020 4:58
 Operator : SY/AP
 Sample : L1161-13 0.03LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2020

Manual Integrations
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Quant Time: Mar 11 05:17:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	863397	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1924674	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1892966	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1536062	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
32) 1,1,1-Trichloroethane	6.51	97	3945m	0.031	ppbv	
35) Carbon Tetrachloride	7.02	117	3952m	0.033	ppbv	
38) Trichloroethene	7.84	130	2093m	0.032	ppbv	

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

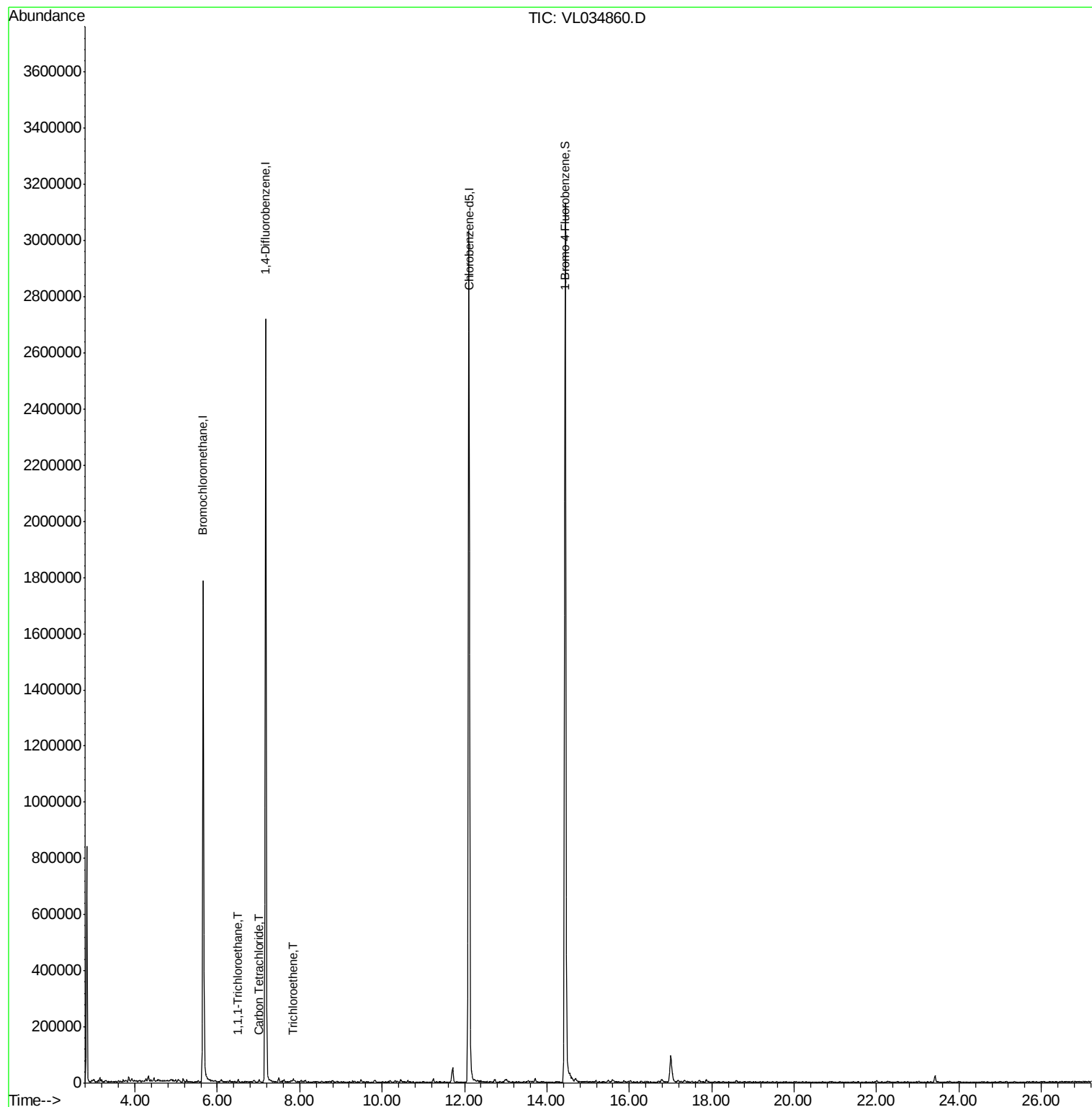
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Data File : VL034860.D
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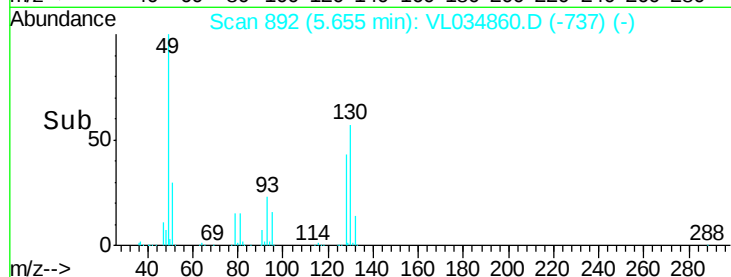
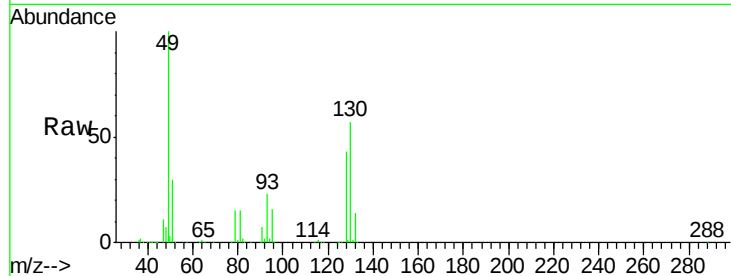
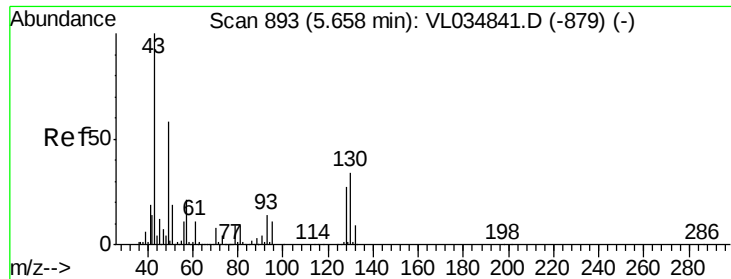
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

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Quant Time: Mar 11 05:17:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034860.D

Acq: 10 Mar 2020 4:58

Tot Ion:	49	Resp:	863397
Ion	Ratio	Lower	Upper
49	100		
128	46.3	23.4	70.3
130	59.8	30.0	90.0

Instrument :

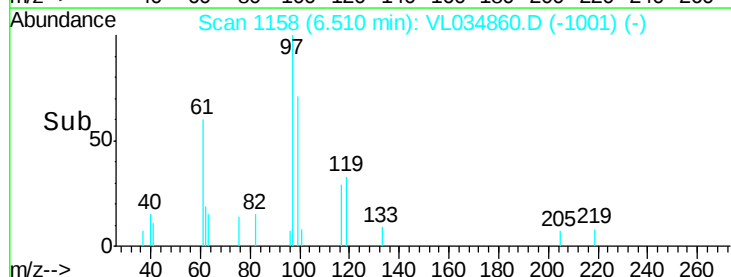
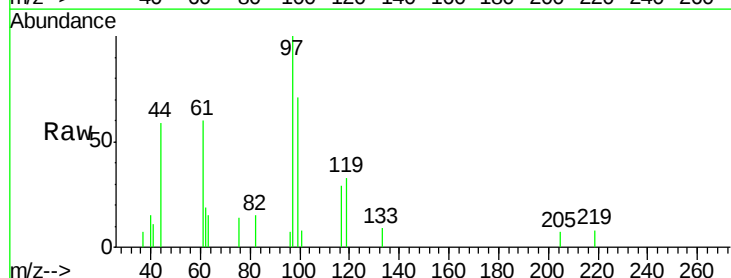
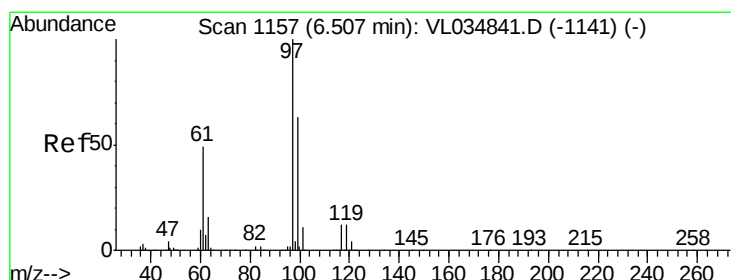
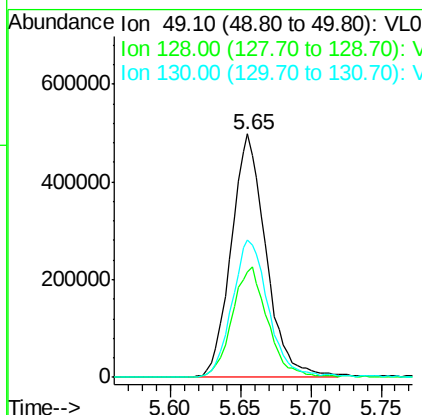
MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

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#32

1,1,1-Trichloroethane

Concen: 0.031 ppbv m

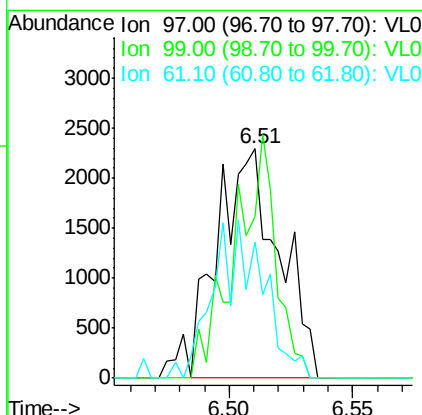
RT: 6.51 min Scan# 1158

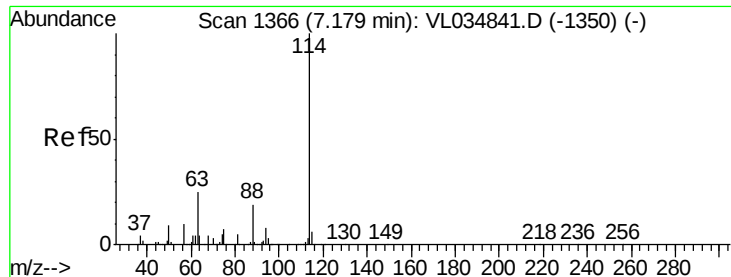
Delta R.T. 0.00 min

Lab File: VL034860.D

Acq: 10 Mar 2020 4:58

Tgt Ion:	97	Resp:	3945
Ion	Ratio	Lower	Upper
97	100		
99	71.0	51.1	76.7
61	56.8	39.7	59.5





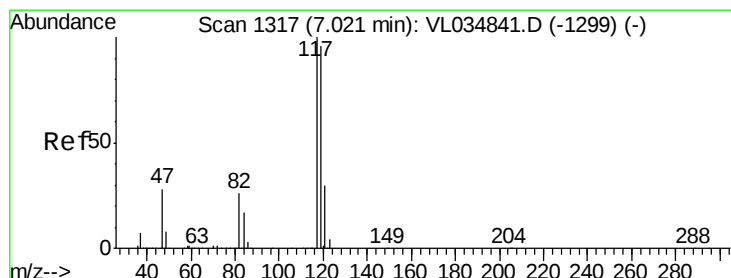
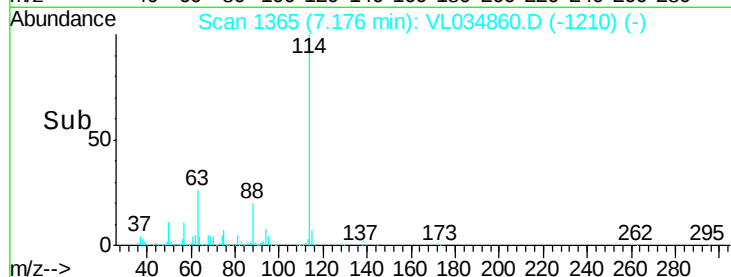
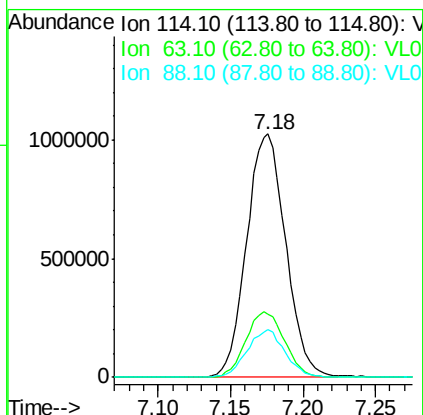
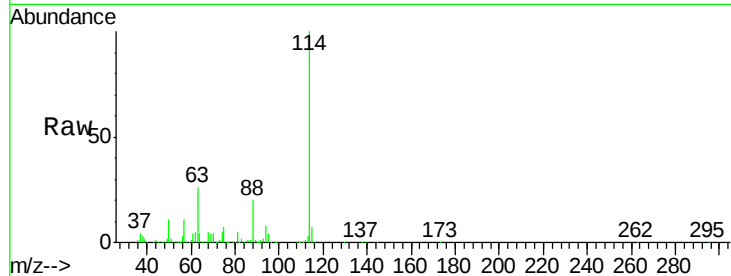
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL034860.D
 Acq: 10 Mar 2020 4:58

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.8	20.6	31.0
88	19.3	15.0	22.6

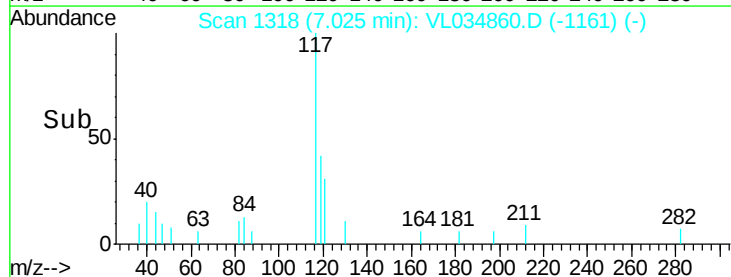
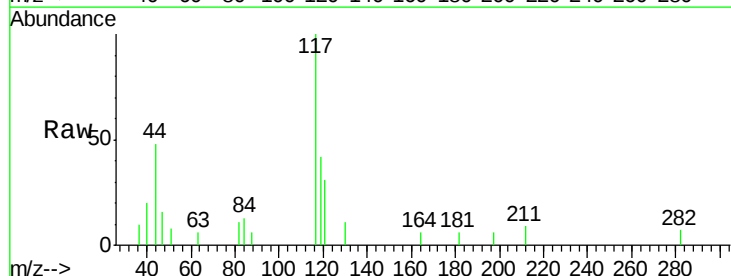
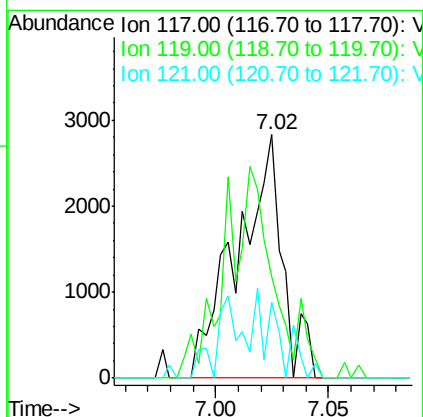
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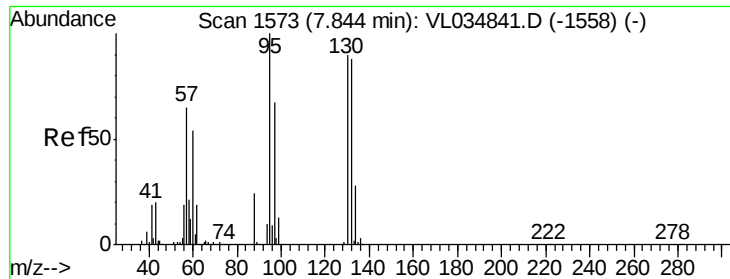
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#35
 Carbon Tetrachloride
 Concen: 0.033 ppbv m
 RT: 7.02 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: VL034860.D
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Tgt Ion	Ratio	Lower	Upper
117	100		
119	41.6	77.0	115.4#
121	31.3	24.0	36.0





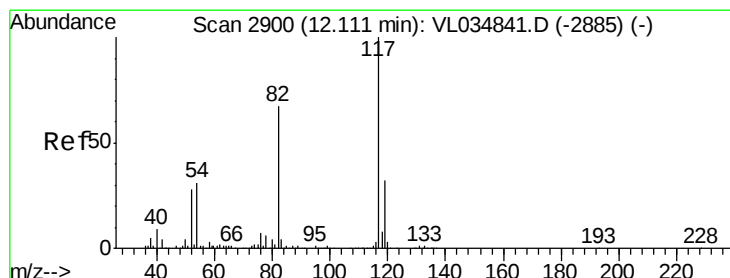
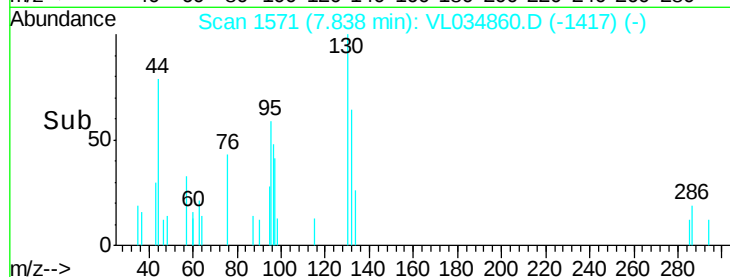
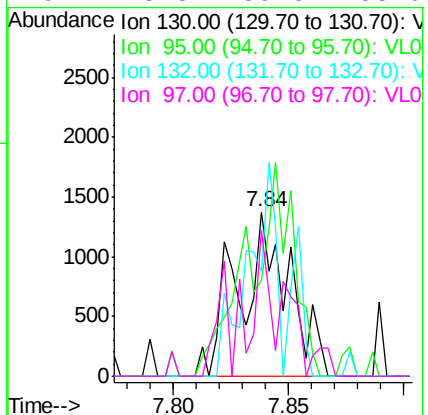
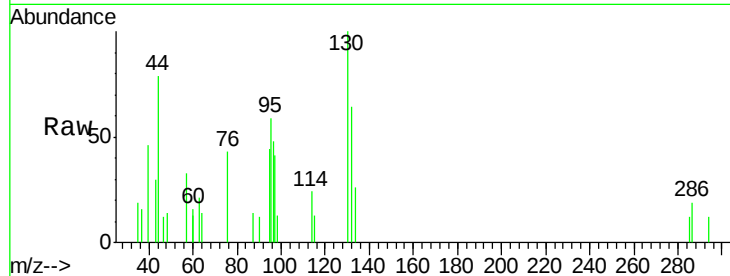
#38
 Trichloroethene
 Concen: 0.032 ppbv m
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL034860.D
 Acq: 10 Mar 2020 4:58

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Tot Ion	Ratio	Lower	Upper
130	100		
95	58.9	88.5	132.7#
132	63.9	78.0	117.0#
97	48.3	59.3	88.9#

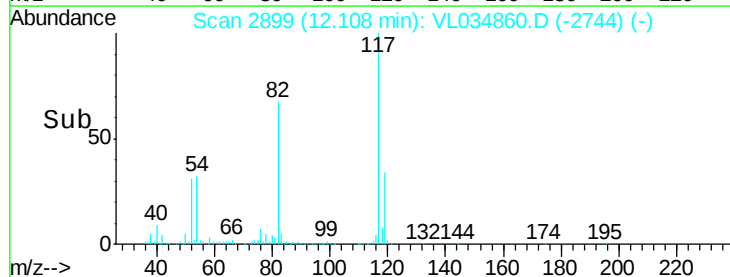
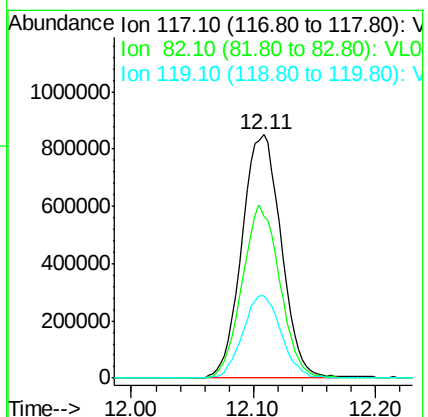
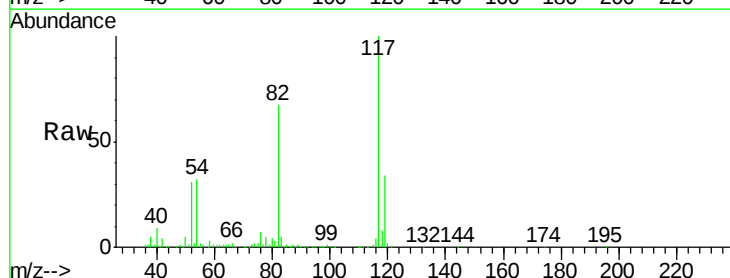
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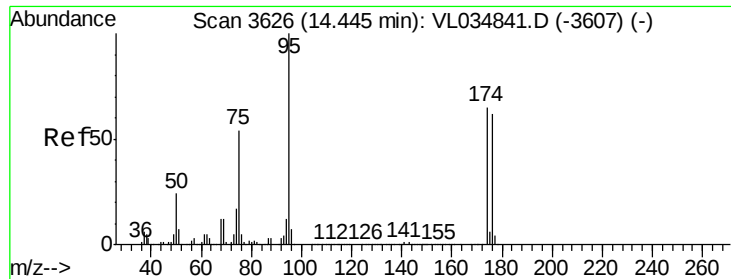
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VL034860.D
 Acq: 10 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.6	51.1	76.7
119	33.3	27.3	40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.405 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL034860.D
 Acq: 10 Mar 2020 4:58

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Tot Ion	Ratio	Lower	Upper
95	100		
174	66.8	55.2	82.8
175	5.1	4.3	6.5

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