

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035617.D
 Acq On : 15 Sep 2020 2:41
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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Quant Time: Sep 15 08:06:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane			5.65	49	990092	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene			7.16	114	4309561	10.00	ppbv	-0.01
55) Chlorobenzene-d5			12.08	117	4354643	10.00	ppbv	-0.02
System Monitoring Compounds								
68) 1-Bromo-4-Fluorobenzene			14.41	95	3190702	10.32	ppbv	-0.02
Spiked Amount		10.000	Range	65 - 135	Recovery	=	103.20%	
Target Compounds								Ovalue
20) Methvlene Chloride			4.33	84	14986m	0.184	ppbv	
38) Trichloroethene			7.82	130	6171	0.038	ppbv	# 80
52) Tetrachloroethene			11.21	164	45684	0.280	ppbv	88

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

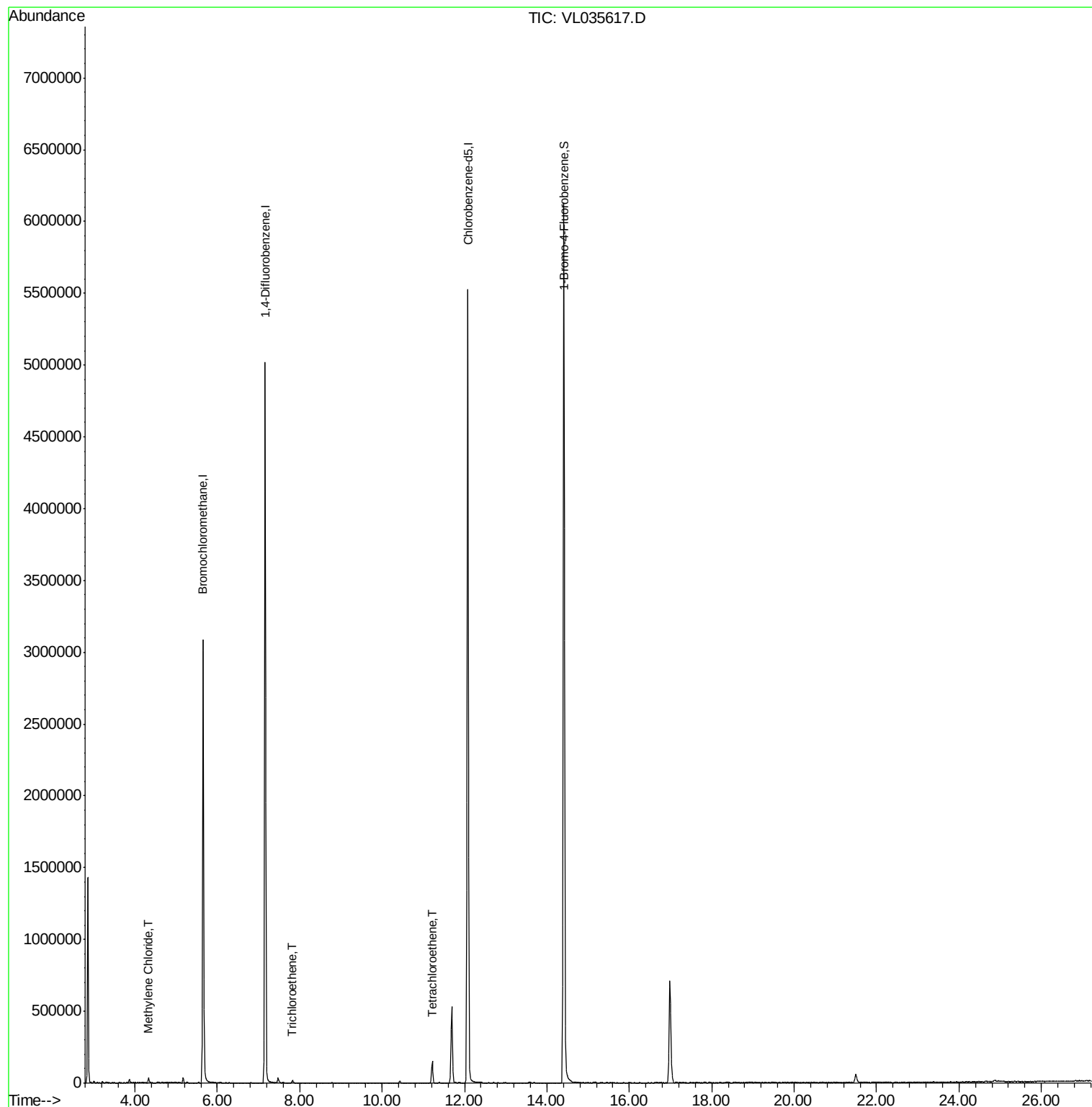
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091420\
Data File : VL035617.D
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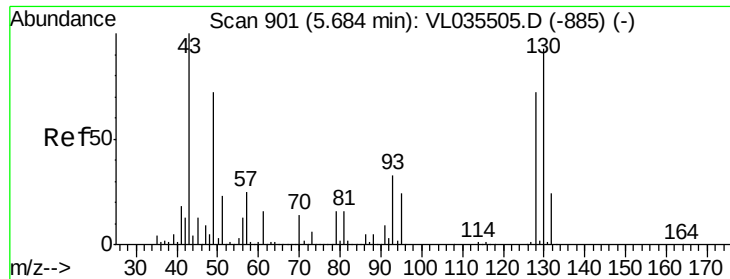
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Sep 15 08:06:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL035617.D

Acq: 15 Sep 2020 2:41

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 990092
Ion Ratio Lower Upper

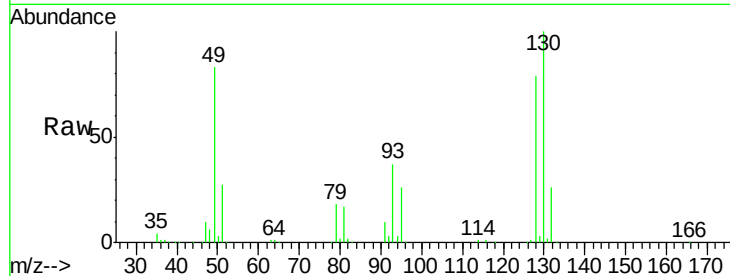
49 100

128 96.8 50.0 150.1

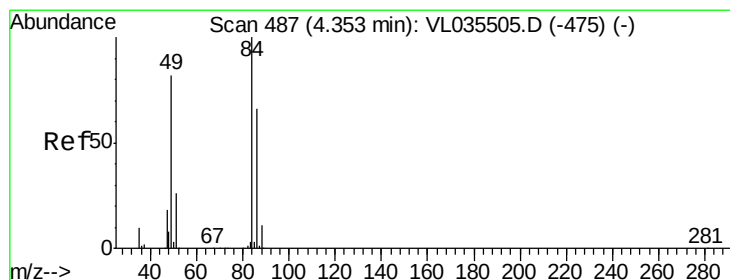
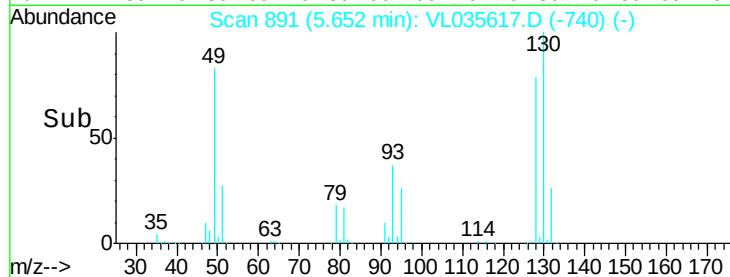
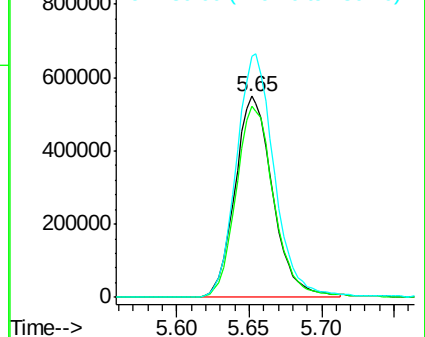
130 124.0 64.4 193.2

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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): VL0
Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.184 ppbv m

RT: 4.33 min Scan# 479

Delta R.T. -0.01 min

Lab File: VL035617.D

Acq: 15 Sep 2020 2:41

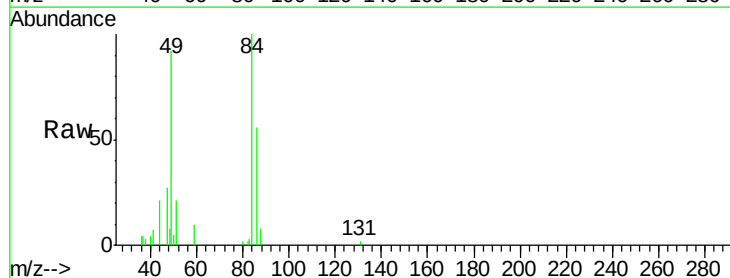
Tgt Ion: 84 Resp: 14986
Ion Ratio Lower Upper

84 100

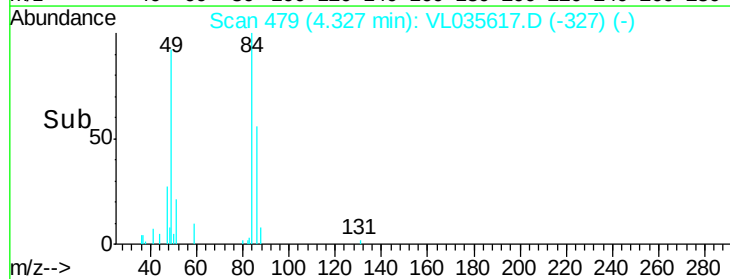
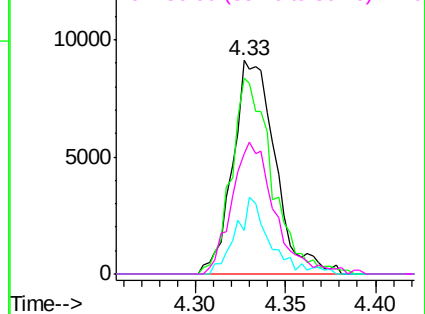
49 91.8 65.4 98.0

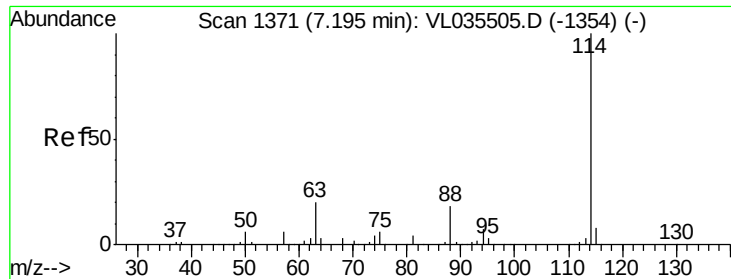
51 20.5 21.5 32.3#

86 56.4 52.9 79.3



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





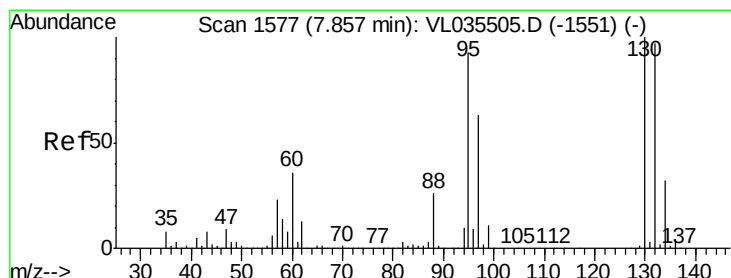
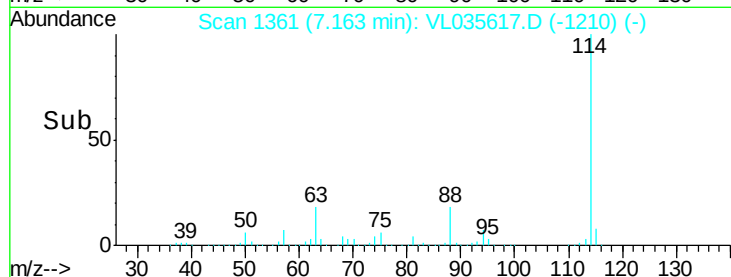
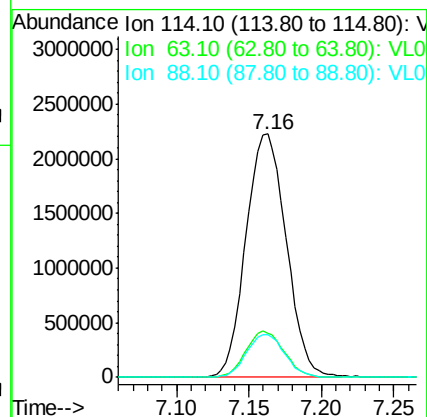
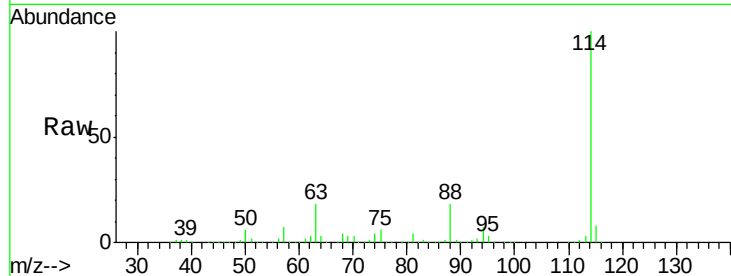
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: VL035617.D
 Acq: 15 Sep 2020 2:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.7	22.1
88	16.9	13.4	20.2

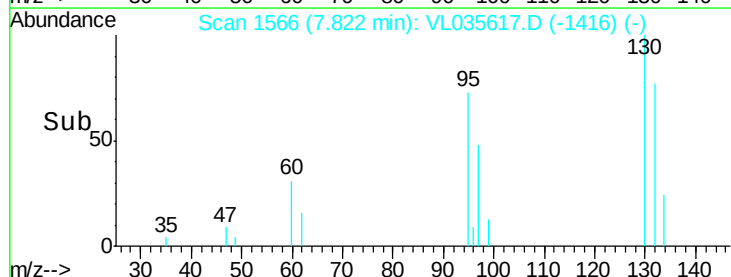
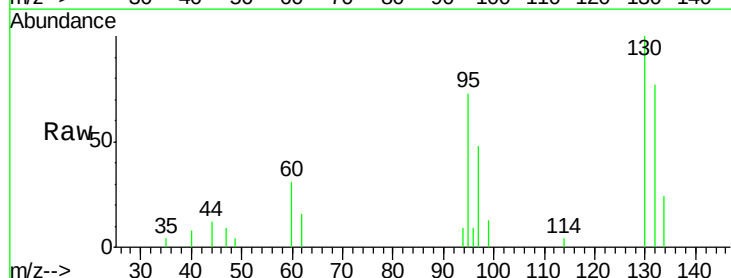
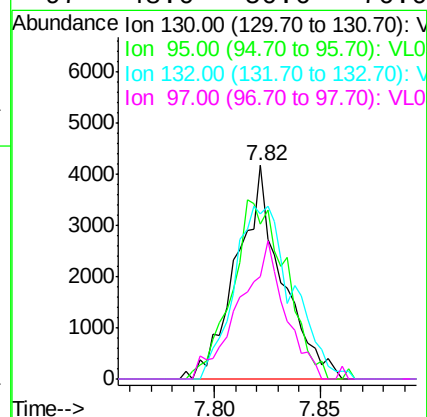
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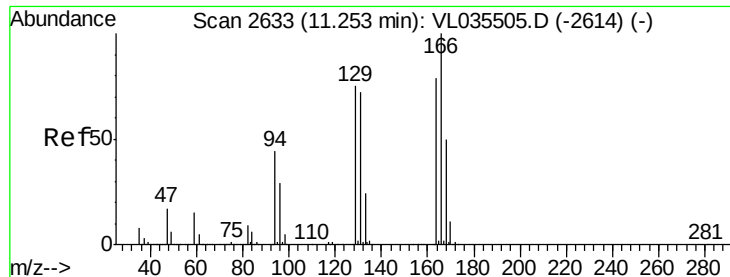
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#38
 Trichloroethene
 Concen: 0.038 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: VL035617.D
 Acq: 15 Sep 2020 2:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	72.5	74.6	112.0#
132	77.5	77.6	116.4#
97	48.0	50.6	76.0#





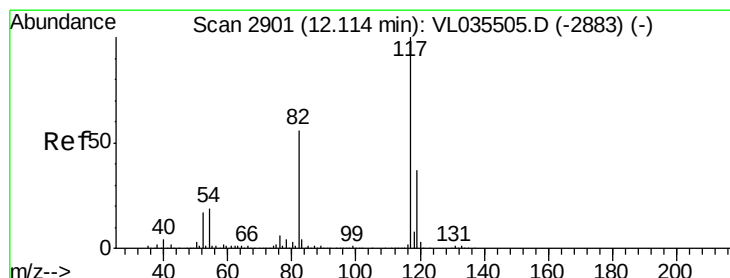
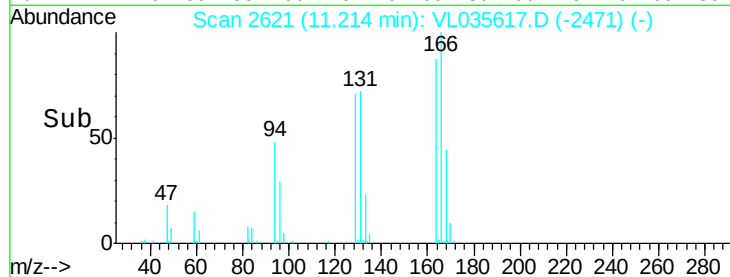
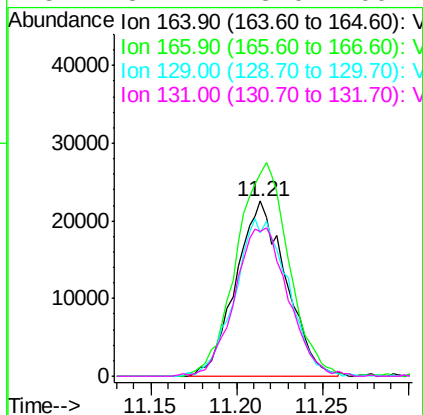
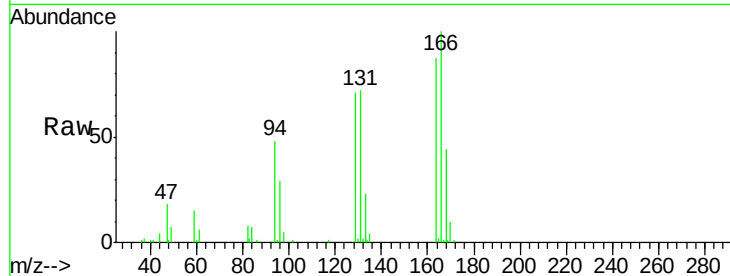
#52
Tetrachloroethene
Concen: 0.280 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
164	100		
166	113.4	100.9	151.3
129	79.8	75.3	112.9
131	82.2	73.0	109.4

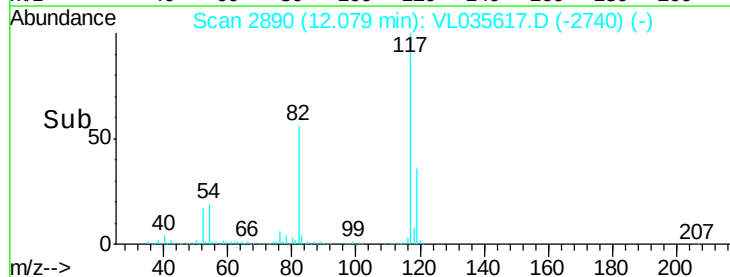
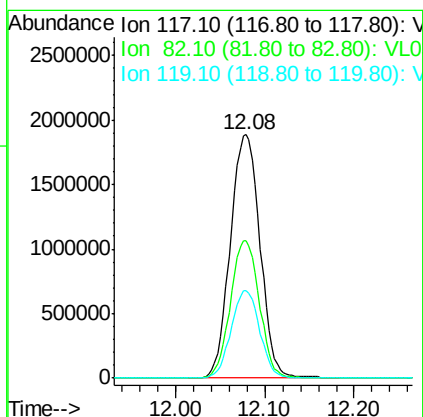
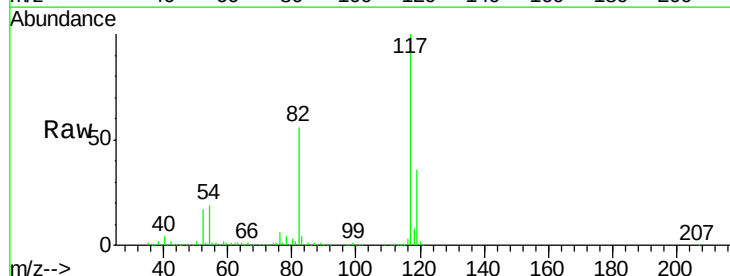
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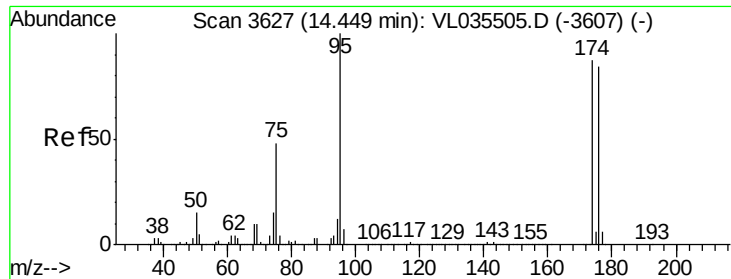
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.6	62.4
119	34.8	29.3	43.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.318 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. -0.02 min
 Lab File: VL035617.D
 Acq: 15 Sep 2020 2:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion:	95	Resp:	3190702
Ion Ratio	Lower	Upper	
95	100		
174	81.0	69.6	104.4
175	5.8	5.1	7.7

Manual Integrations
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