

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
 Data File : VW014800.D
 Acq On : 29 Jan 2020 17:36
 Operator : SY/VA
 Sample : L1303-07
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF2

Manual Integrations
 APPROVED

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 1/30/2020 5:33:34 PM

Quant Time: Jan 30 07:51:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 07:05:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	862384	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	796806	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	343704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	336888	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
7) Chloroethane-d5	2.89	69	274538	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
10) 1,1-Dichloroethene-d2	4.02	63	439209	17.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.08%
20) 2-Butanone-d5	7.07	46	155959	40.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.42%
24) Chloroform-d	7.65	84	571923	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	8.30	65	310808m	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.96%
29) Benzene-d6	8.27	84	1177891	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	381667	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.92%
37) Toluene-d8	10.32	98	1072053	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	10.58	79	147370	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	10.92	63	132310	45.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	266988	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	336899	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	18848	4.537	ug/L	99
16) Methylene chloride	4.92	84	40010	2.745	ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	217310	17.064	ug/L	99
35) Trichloroethene	9.09	95	262362	20.237	ug/L	99
46) 1,1,2-Trichloroethane	10.76	97	15490	1.754	ug/L #	23
47) Tetrachloroethene	10.85	164	29122500m	2811.500	ug/L	
52) Chlorobenzene	11.66	112	25203	0.778	ug/L	93

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

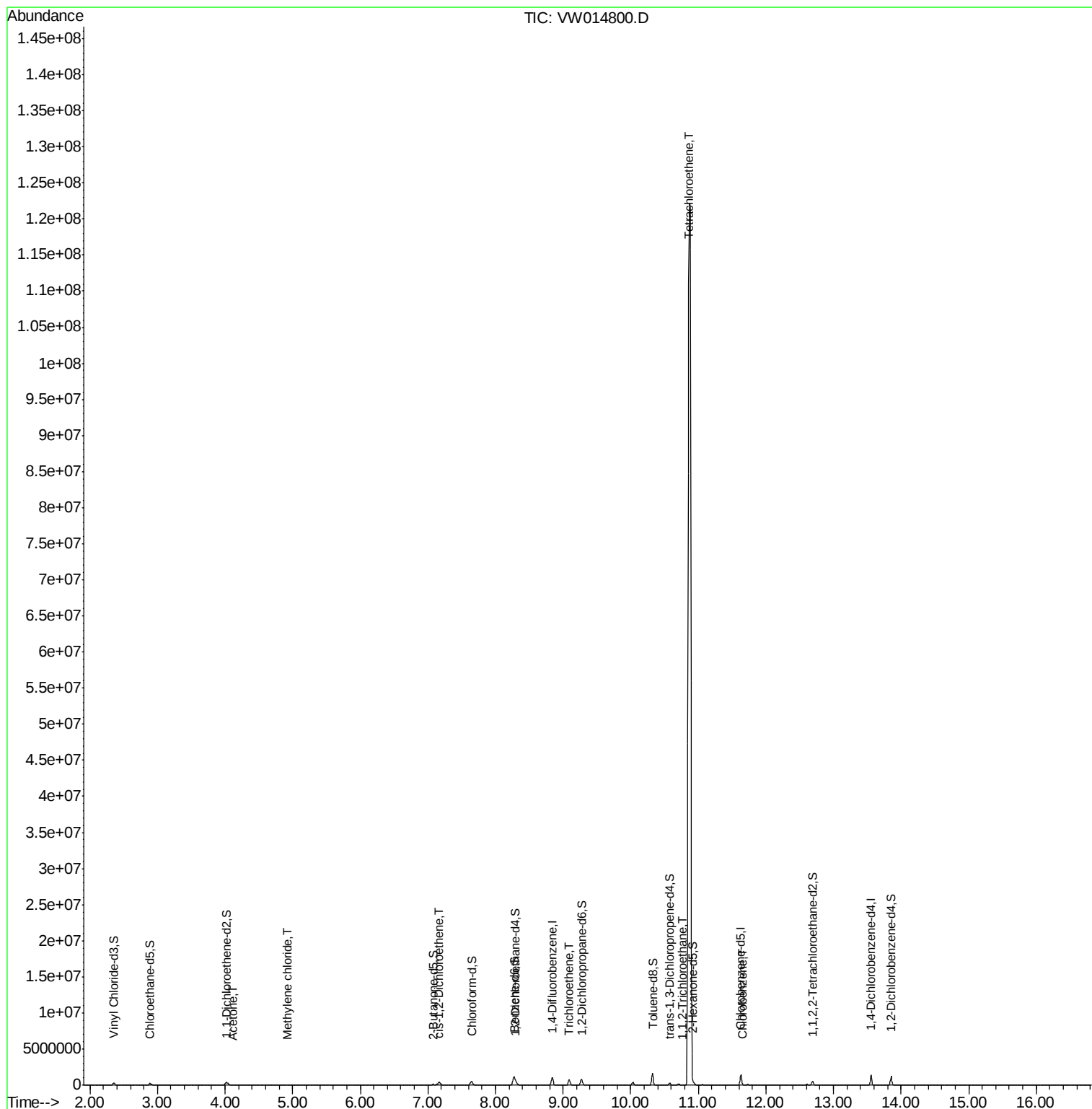
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
Data File : VW014800.D
Acq On : 29 Jan 2020 17:36
Operator : SY/VA
Sample : L1303-07
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

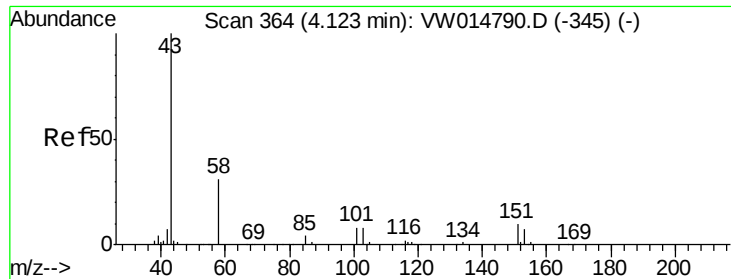
Instrument :
MSVOA_W
ClientSampleId :
C0AF2

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Quant Time: Jan 30 07:51:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.537 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW014800.D

Acq: 29 Jan 2020 17:36

Instrument :

MSVOA_W

ClientSampleId :

C0AF2

Tot Ion: 43 Resp: 18848

Ion Ratio Lower Upper

43 100

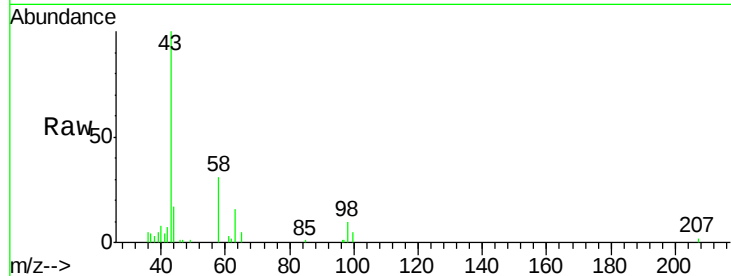
58 32.7 0.0 64.6

Manual Integrations

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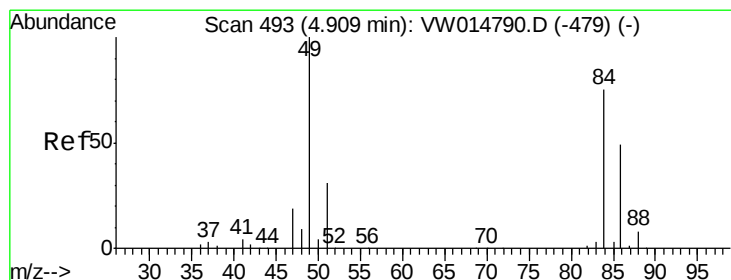
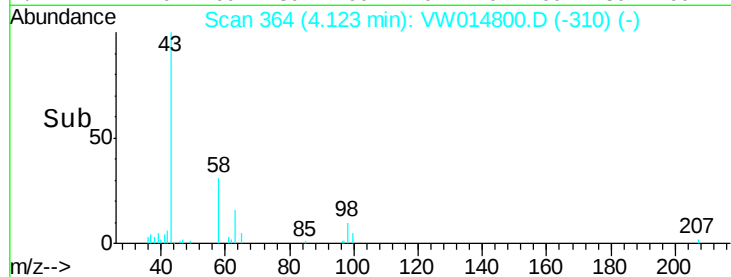
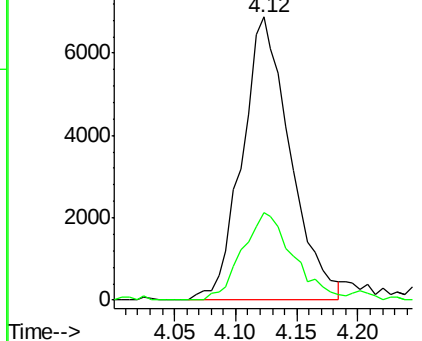
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.745 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014800.D

Acq: 29 Jan 2020 17:36

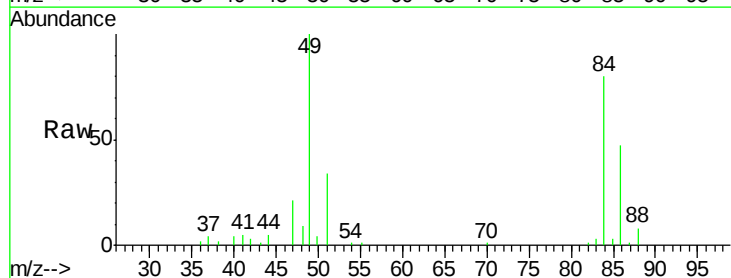
Tgt Ion: 84 Resp: 40010

Ion Ratio Lower Upper

84 100

49 124.9 90.9 168.7

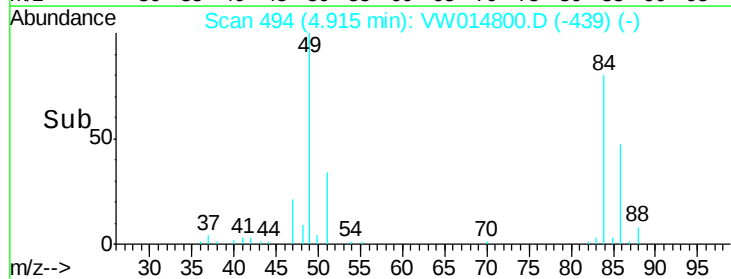
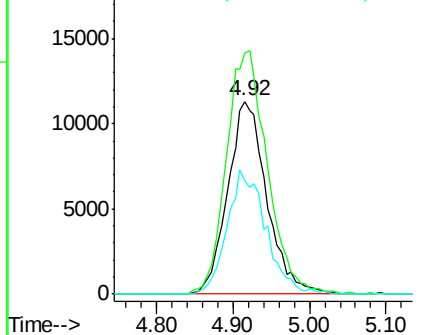
86 58.8 43.5 80.7

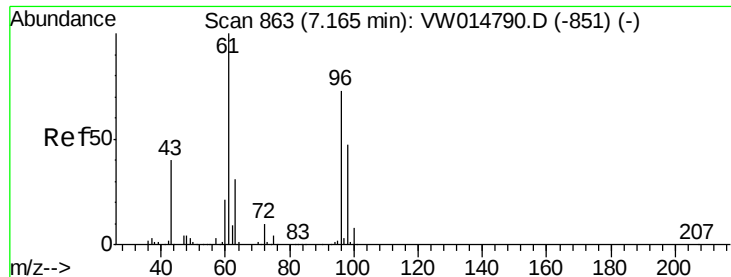


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#22

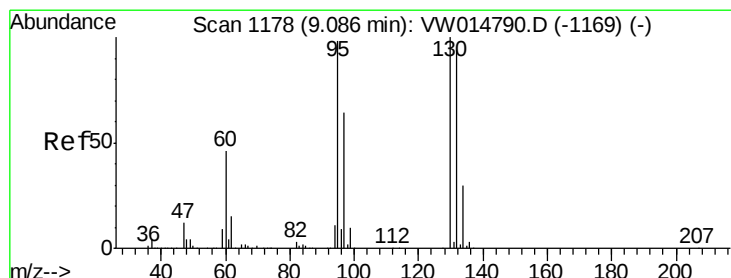
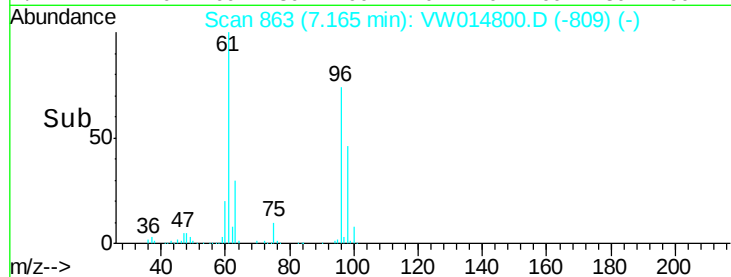
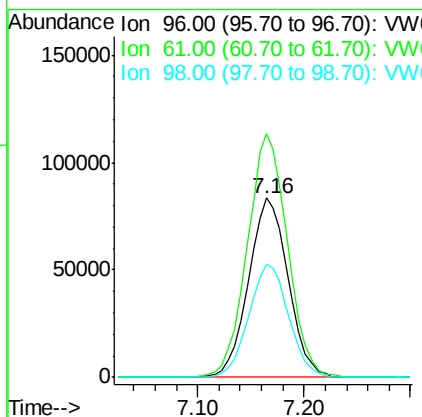
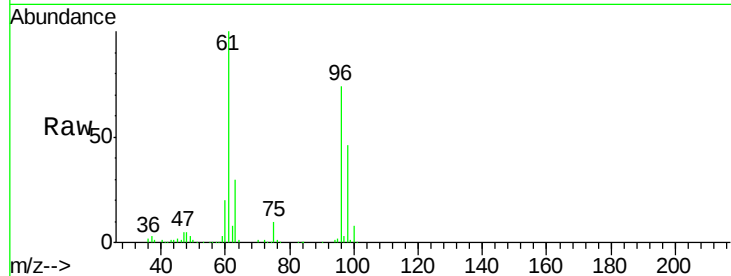
cis-1,2-Dichloroethene
Concen: 17.064 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014800.D
Acq: 29 Jan 2020 17:36

Instrument :
MSVOA_W
ClientSampleId :
C0AF2

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.9	94.1	174.7
98	62.8	44.9	83.3

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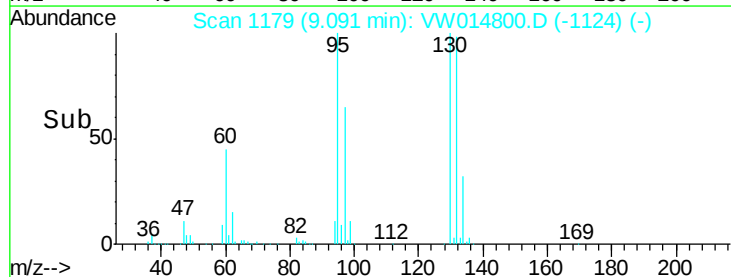
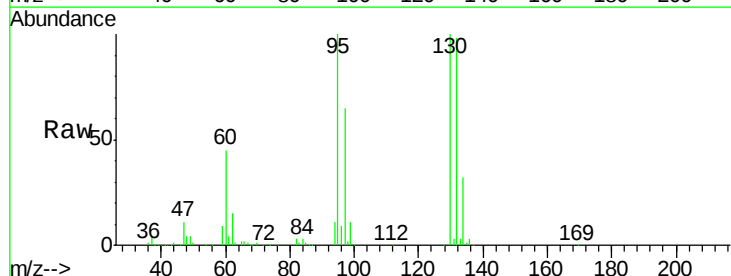
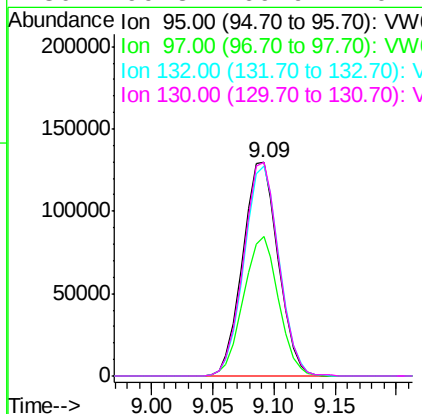
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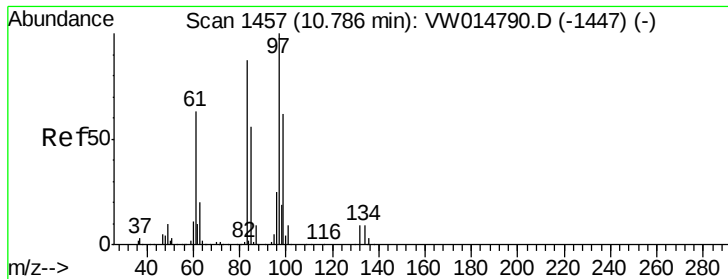


#35

Trichloroethene
Concen: 20.237 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW014800.D
Acq: 29 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.3	82.3
132	97.3	67.1	124.7
130	99.3	69.9	129.7





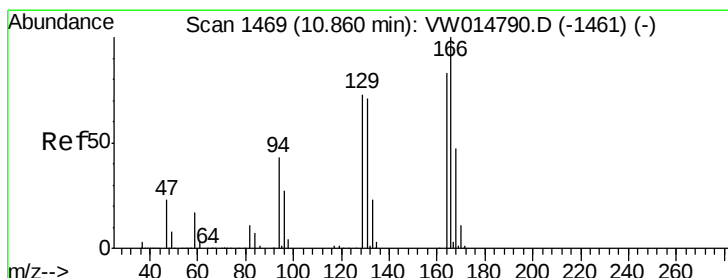
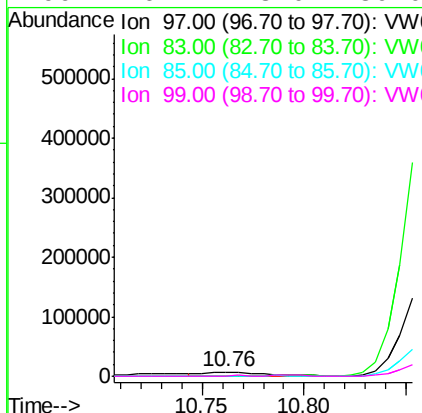
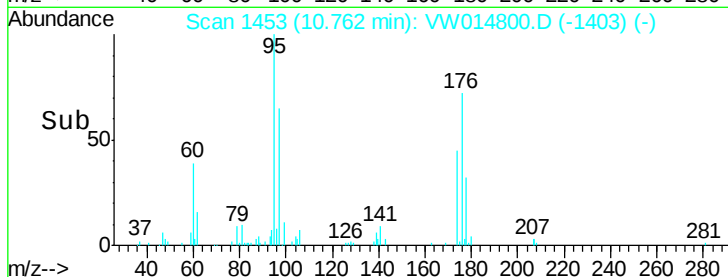
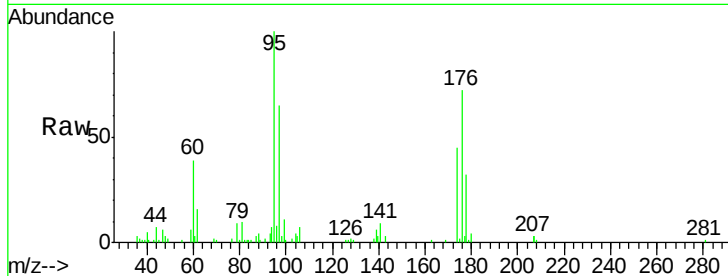
#46
1,1,2-Trichloroethane
Concen: 1.754 ug/L
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW014800.D
Acq: 29 Jan 2020 17:36

Instrument :
MSVOA_W
ClientSampled :
C0AF2

Tot Ion	Ratio	Lower	Upper
97	100		
83	1.7	60.9	113.1#
85	1.4	39.2	72.8#
99	16.4	43.0	80.0#

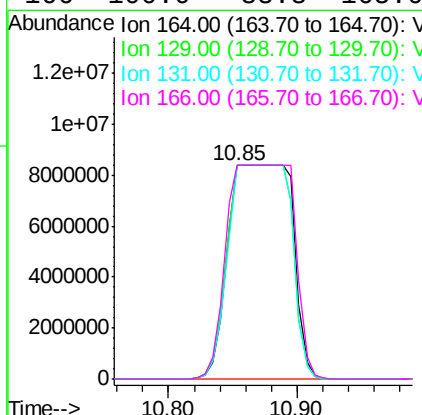
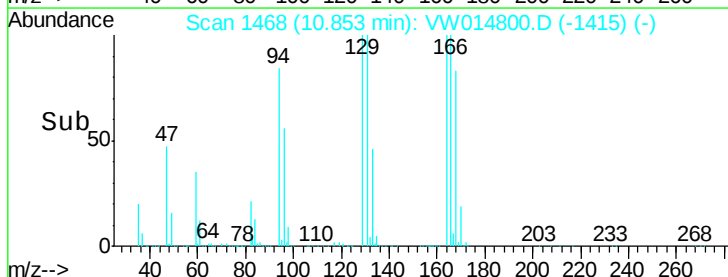
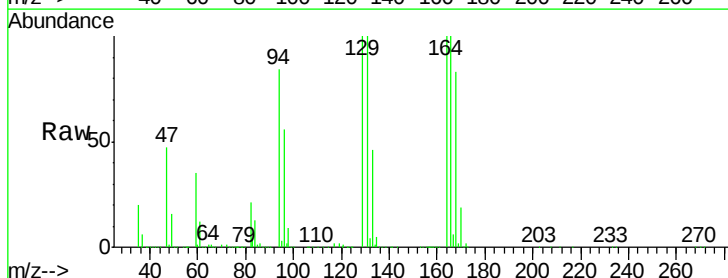
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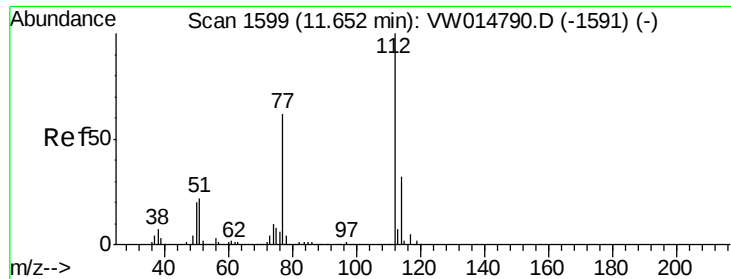
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#47
Tetrachloroethene
Concen: 2811.500 ug/L m
RT: 10.85 min Scan# 1468
Delta R.T. -0.01 min
Lab File: VW014800.D
Acq: 29 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
129	100.0	64.4	119.6
131	100.0	61.2	113.6
166	100.0	88.8	165.0





#52
 Chlorobenzene
 Concen: 0.778 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: VW014800.D
 Acq: 29 Jan 2020 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF2

Tot Ion	Ratio	Resp	Lower	Upper
112	100	25203		
77	67.9		49.2	73.8
114	33.9		22.5	41.7

Manual Integrations
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