

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016452.D
 Acq On : 03 Sep 2020 17:43
 Operator : SY/VA
 Sample : L3905-08
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX02

Manual Integrations
 APPROVED

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 9/4/2020 3:36:53 PM

Quant Time: Sep 04 06:10:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 04 04:59:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	888710	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	781430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	350275	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	254474	26.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.96%
7) Chloroethane-d5	2.90	69	206872	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	4.03	63	372493	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.72%
20) 2-Butanone-d5	7.08	46	99708	29.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.22%
24) Chloroform-d	7.65	84	438728	21.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.28%
26) 1,2-Dichloroethane-d4	8.31	65	224693m	19.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.96%
29) Benzene-d6	8.28	84	921016	23.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.72%
33) 1,2-Dichloropropane-d6	9.28	67	253048	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.72%
37) Toluene-d8	10.33	98	878507	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	10.59	79	120810	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.08%
39) 2-Hexanone-d5	10.93	63	81983	34.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	181695	18.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	268605	22.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.76%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	74247	6.127 ug/L	97
35) Trichloroethene	9.09	95	27739	2.343 ug/L	99
47) Tetrachloroethene	10.87	164	1344723	141.669 ug/L	93

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

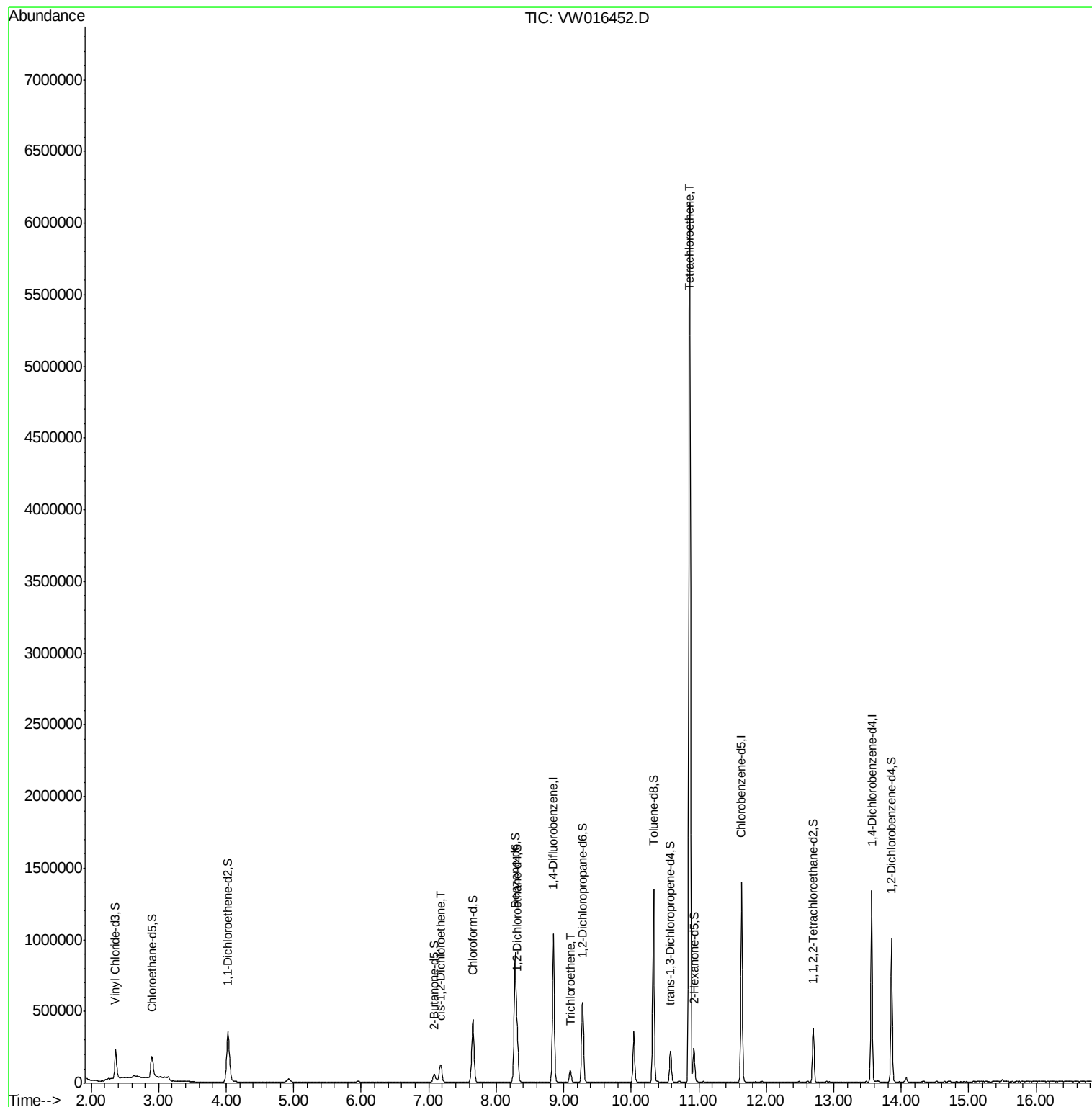
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090320\
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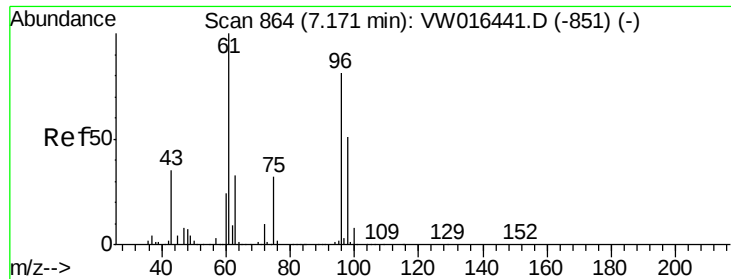
Instrument :
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#22

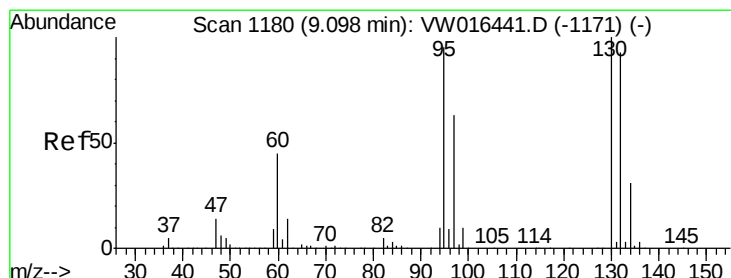
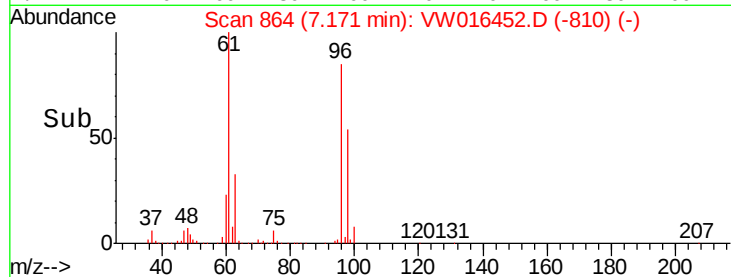
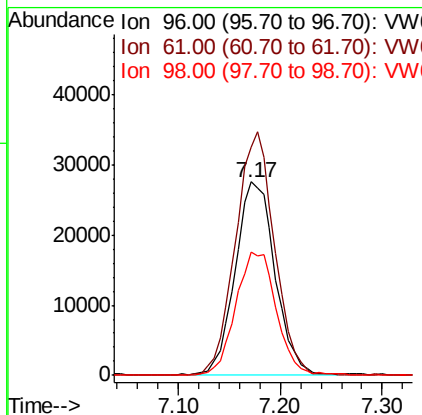
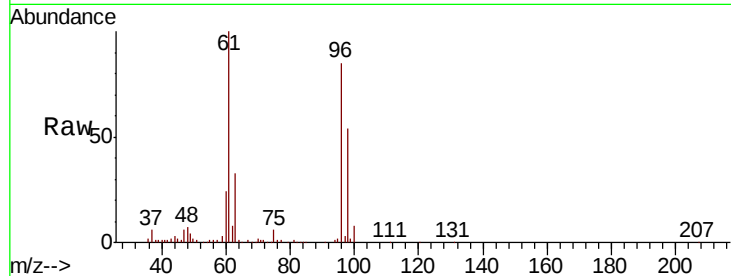
cis-1,2-Dichloroethene
Concen: 6.127 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016452.D
Acq: 03 Sep 2020 17:43

Instrument :
MSVOA_W
ClientSampleId :
BFX02

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	117.6	86.1	159.9	
98	63.7	44.1	81.9	

Manual Integrations
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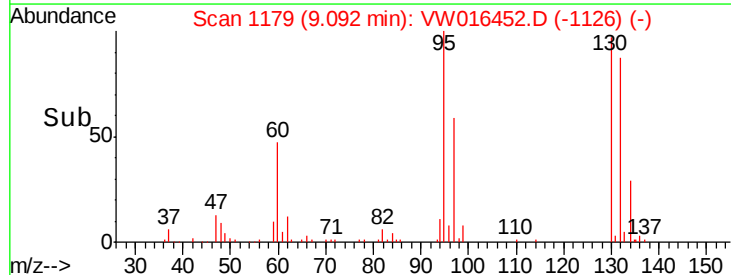
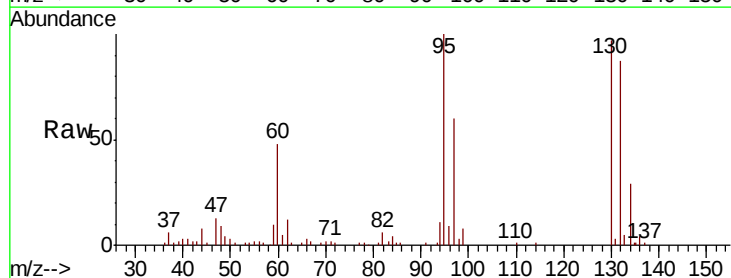
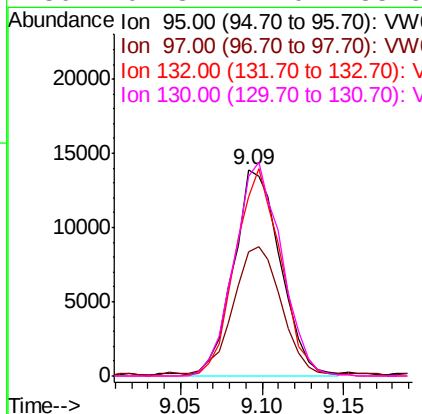
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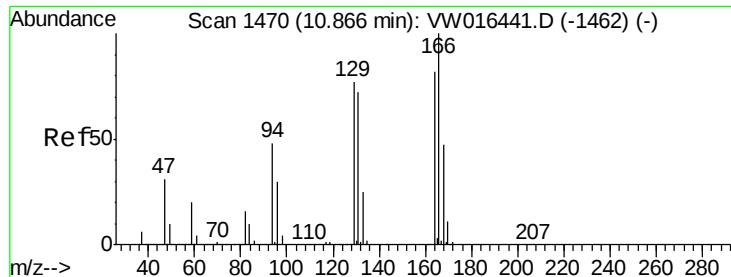


#35

Trichloroethene
Concen: 2.343 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW016452.D
Acq: 03 Sep 2020 17:43

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
97	63.5	44.9	83.5	
132	97.8	69.2	128.4	
130	104.3	72.0	133.6	





#47
 Tetrachloroethene
 Concen: 141.669 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016452.D
 Acq: 03 Sep 2020 17:43

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
129	100.0	65.7	121.9
131	92.8	61.1	113.5
166	130.7	85.0	157.8

Manual Integrations
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