

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016226.D
 Acq On : 17 Aug 2020 18:21
 Operator : SY/VA
 Sample : L3702-19
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ4

Manual Integrations
 APPROVED

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 8/19/2020 5:25:16 PM

Quant Time: Aug 18 04:41:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	398580	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356875	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89269	18.06	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
7) Chloroethane-d5	2.90	69	71625	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
10) 1,1-Dichloroethene-d2	4.01	63	151527	14.44	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.76%
20) 2-Butanone-d5	7.09	46	45900	35.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.60%
24) Chloroform-d	7.65	84	221526	20.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.84%
26) 1,2-Dichloroethane-d4	8.31	65	110084	19.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.52%
29) Benzene-d6	8.27	84	429033	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	9.27	67	128889	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.33	98	377967	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.92%
38) trans-1,3-Dichloropropene-	10.58	79	49296	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.84%
39) 2-Hexanone-d5	10.93	63	41850	42.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98462	21.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	112460	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	13758m	2.186	ug/L
35) Trichloroethene	9.10	95	5561	1.005	ug/L
47) Tetrachloroethene	10.87	164	745726	179.759	ug/L

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

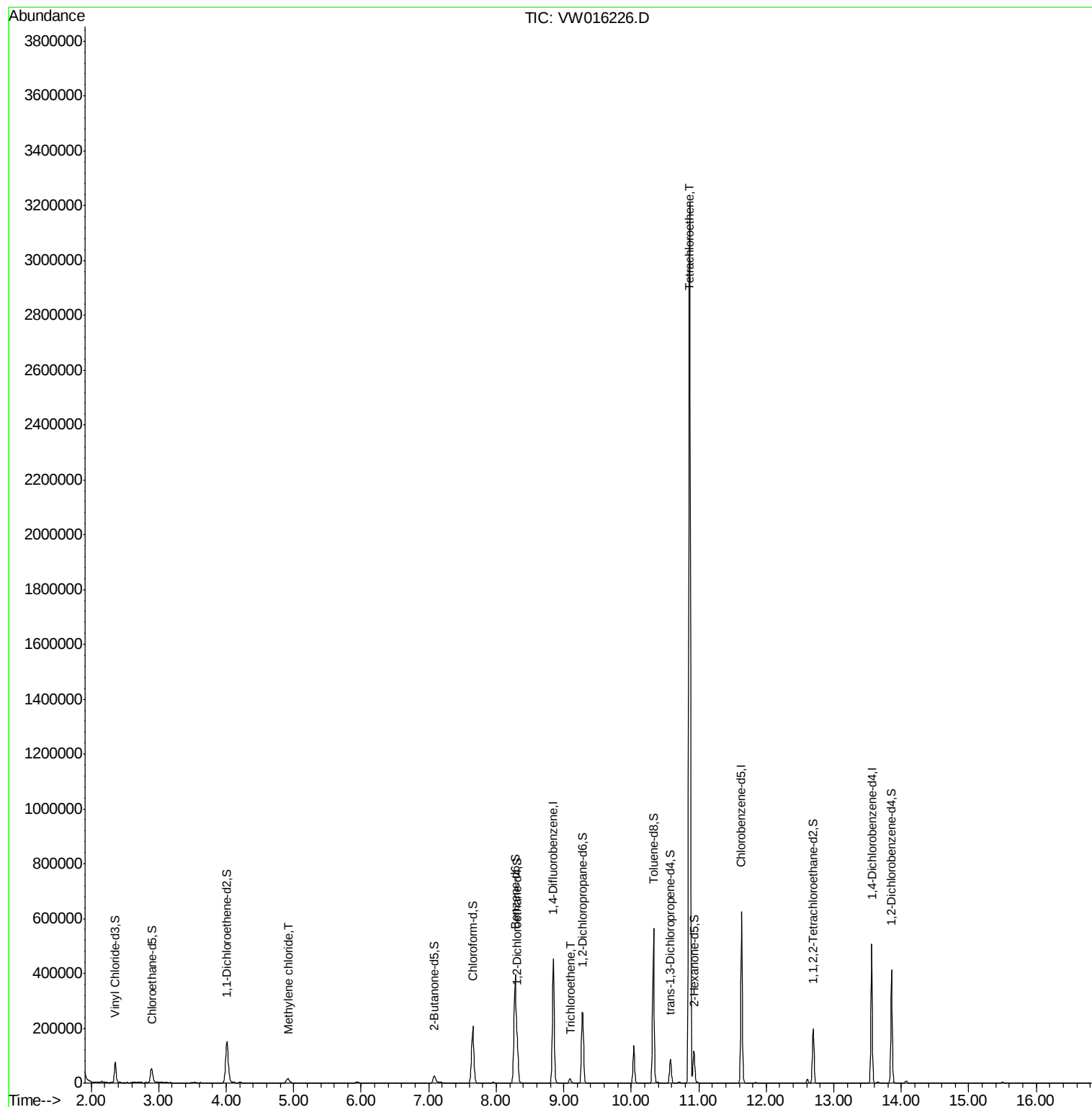
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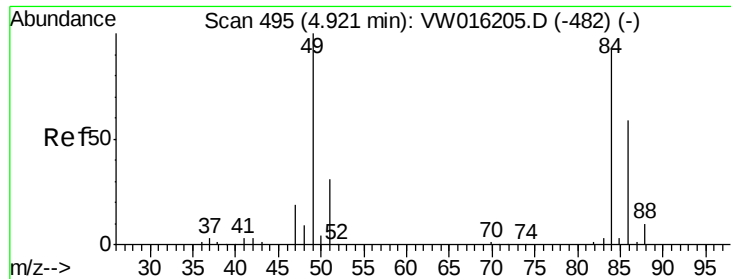
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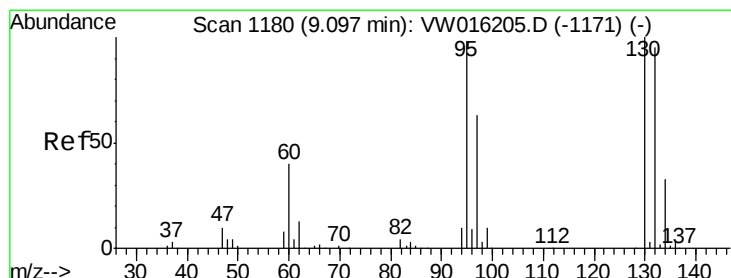
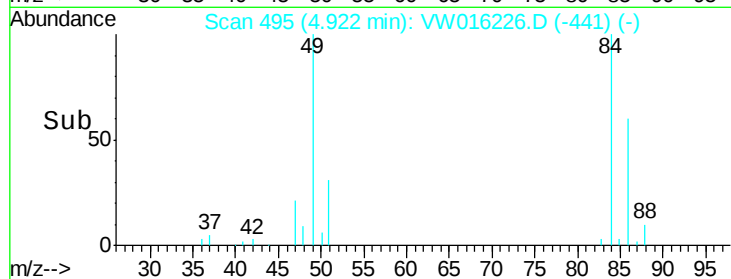
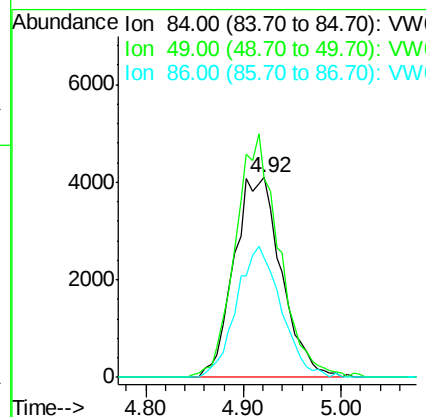
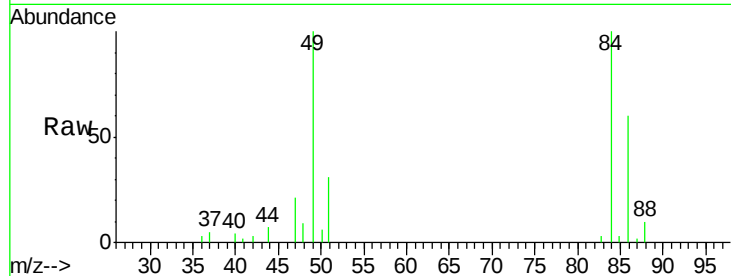
#16
Methvlene chloride
Concen: 2.186 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016226.D
Acq: 17 Aug 2020 18:21

Instrument :
MSVOA_W
ClientSampleId :
BFWQ4

Tot Ion	Ratio	Lower	Upper
84	100		
49	99.9	80.4	149.4
86	60.0	43.8	81.3

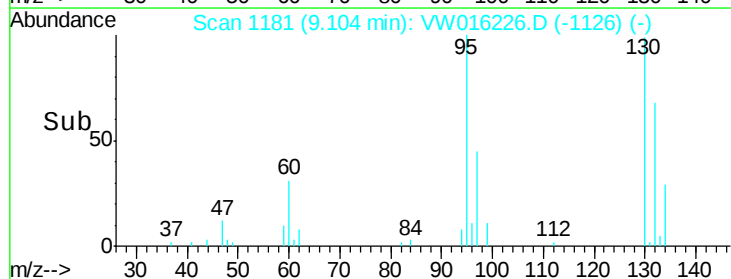
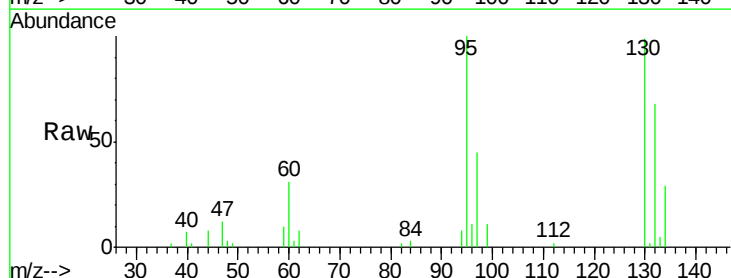
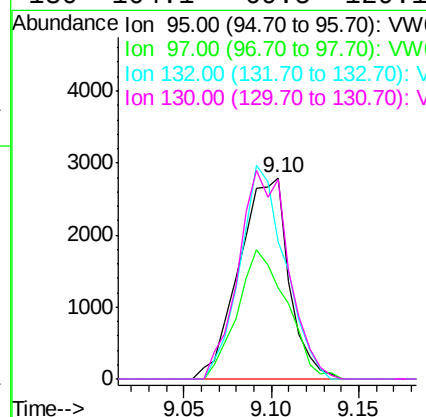
Manual Integrations
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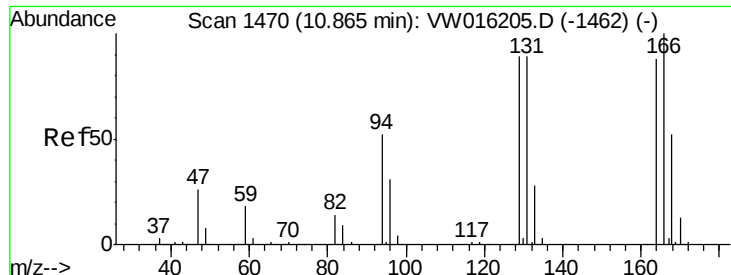
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#35
Trichloroethene
Concen: 1.005 ug/L
RT: 9.10 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VW016226.D
Acq: 17 Aug 2020 18:21

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.9	83.3
132	96.5	65.8	122.2
130	104.1	69.5	129.1





#47
Tetrachloroethene
Concen: 179.759 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016226.D
Acq: 17 Aug 2020 18:21

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
164	100	745726		
129	97.7		71.5	132.9
131	93.7		65.4	121.4
166	125.7		86.9	161.5

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