

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007845.D
 Acq On : 25 Sep 2018 03:15
 Operator : SY/MD
 Sample : J5043-20
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FG0

Manual Integrations
 APPROVED

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 9/25/2018 12:11:42 PM

Quant Time: Sep 25 05:31:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191151	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32334	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.24%
7) Chloroethane-d5	1.59	69	36514	38.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.36%
11) 1,1-Dichloroethene-d2	2.14	63	68382	27.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.84%#
21) 2-Butanone-d5	3.95	46	46373	67.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.59%
24) Chloroform-d	4.41	84	81080	36.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.90%
26) 1,2-Dichloroethane-d4	5.09	65	60764	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.66%
32) Benzene-d6	5.11	84	170805	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.90%
36) 1,2-Dichloropropane-d6	6.13	67	51693	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.90%
41) Toluene-d8	7.36	98	170491	38.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.28%#
43) trans-1,3-Dichloropropene-	7.67	79	22057	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
47) 2-Hexanone-d5	8.14	63	42924m	78.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81824	42.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	83209	42.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.36%

Target Compounds					Ovalue
34) Trichloroethene	5.97	95	5250	4.034 ug/L	95
46) Tetrachloroethene	8.02	164	253934	190.641 ug/L	99

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

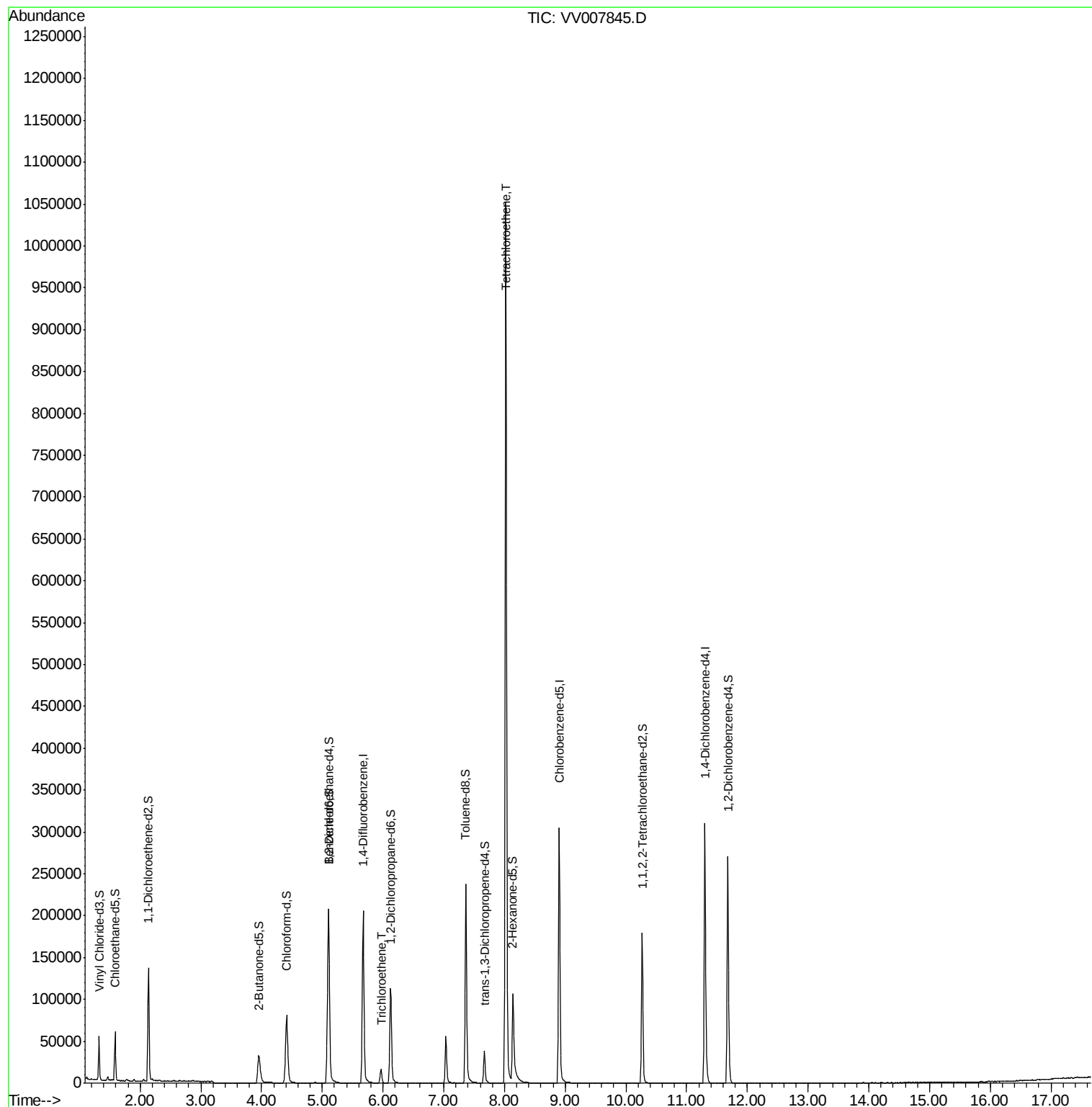
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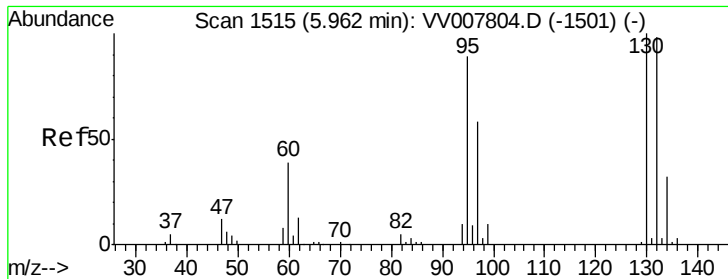
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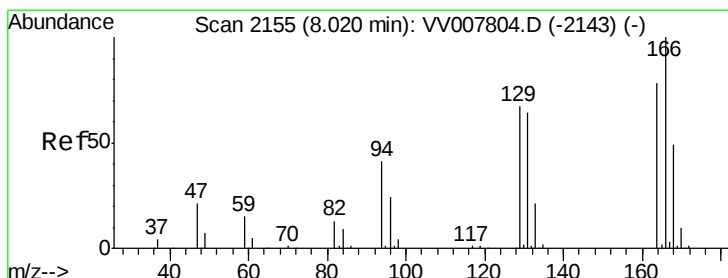
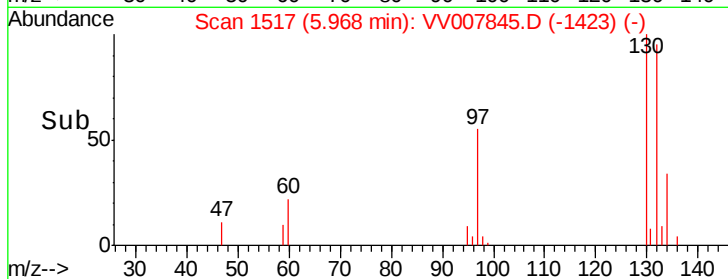
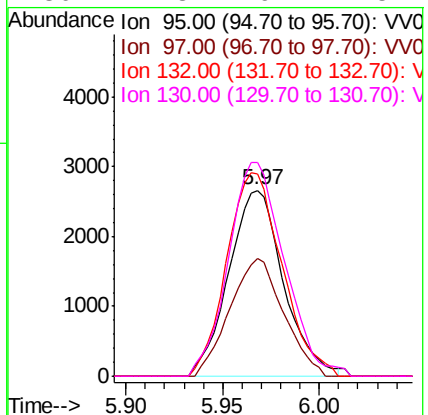
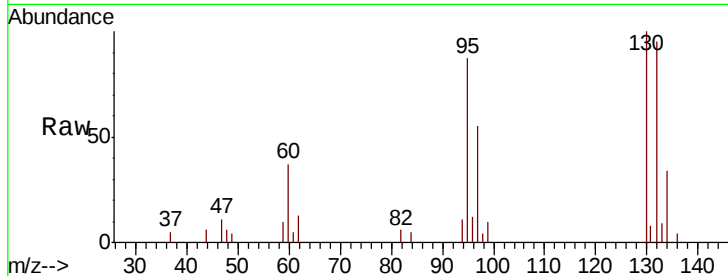
#34
 Trichloroethene
 Concen: 4.034 ug/L
 RT: 5.97 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: VV007845.D
 Acq: 25 Sep 2018 03:15

Instrument :
 MSVOA_V
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Tot Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.2	84.0
132	108.8	77.7	144.3
130	124.3	79.7	148.1

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#46
 Tetrachloroethene
 Concen: 190.641 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV007845.D
 Acq: 25 Sep 2018 03:15

Tgt Ion	Ratio	Lower	Upper
164	100		
129	85.5	61.0	113.4
131	83.1	57.8	107.4
166	128.2	89.9	167.0

