

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\
 Data File : VV009042.D
 Acq On : 19 Dec 2018 04:37
 Operator : SY/MD
 Sample : J6419-15
 Misc : 6.49G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF043

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 3:14:38 PM

Quant Time: Dec 19 08:17:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 07:18:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	196611	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176482	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38637	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
7) Chloroethane-d5	1.58	69	37665	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.24%
10) 1,1-Dichloroethene-d2	2.13	63	71823	14.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.48%
20) 2-Butanone-d5	3.93	46	32773m	44.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.48%
24) Chloroform-d	4.40	84	94637	20.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.08%
26) 1,2-Dichloroethane-d4	5.08	65	63323	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.20%
29) Benzene-d6	5.10	84	188399	19.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.44%
33) 1,2-Dichloropropane-d6	6.12	67	59428	21.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.16%
37) Toluene-d8	7.36	98	165759	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.68%
38) trans-1,3-Dichloropropene-	7.67	79	26252	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	8.14	63	24242	47.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60503	26.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.56%
61) 1,2-Dichlorobenzene-d4	11.68	152	37451	18.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.20%#

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	7362	2.578 ug/L	94
35) Trichloroethene	5.96	95	30572	9.591 ug/L	99
47) Tetrachloroethene	8.03	164	3492468	1347.204 ug/L	97

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

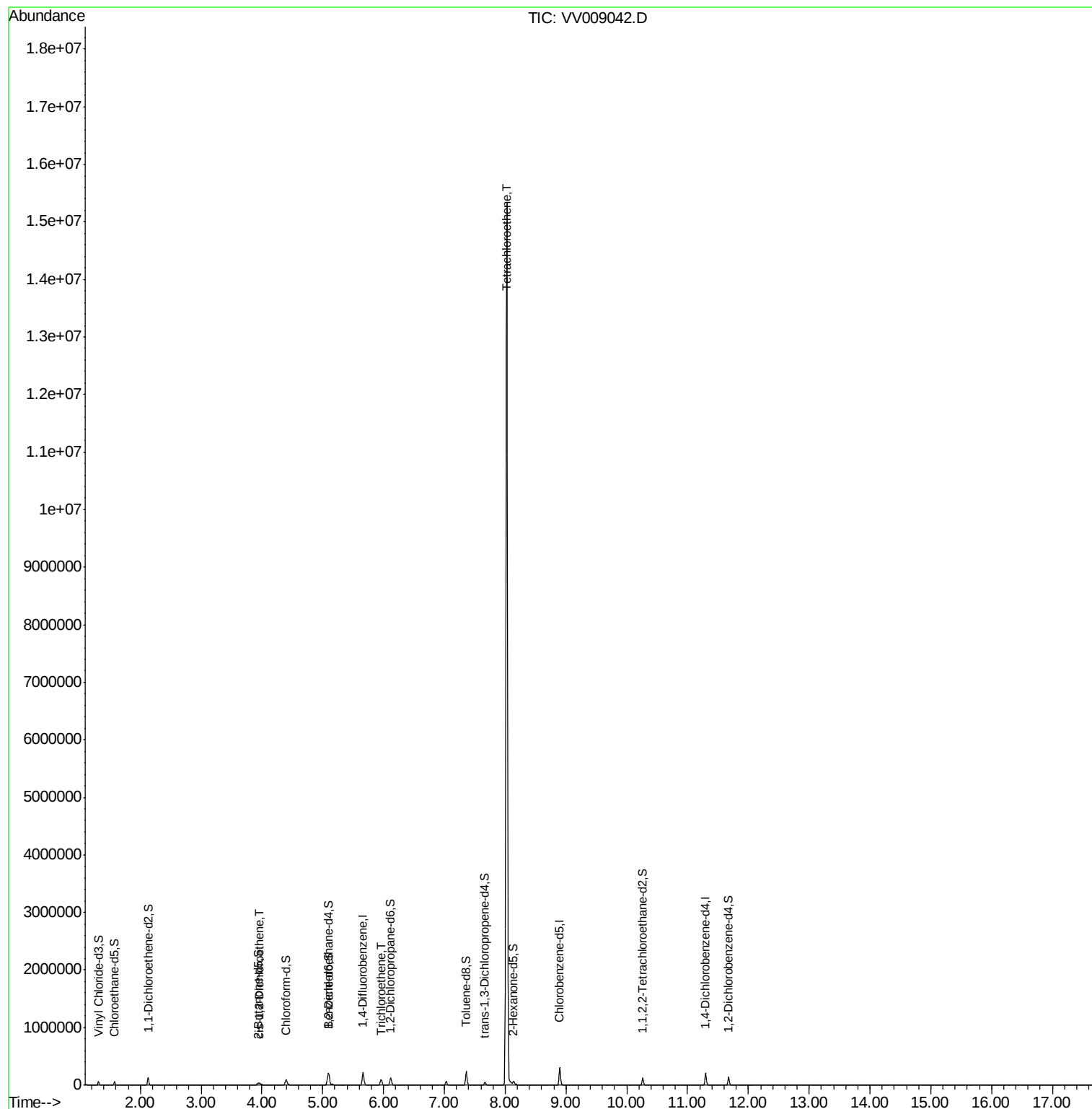
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121818\
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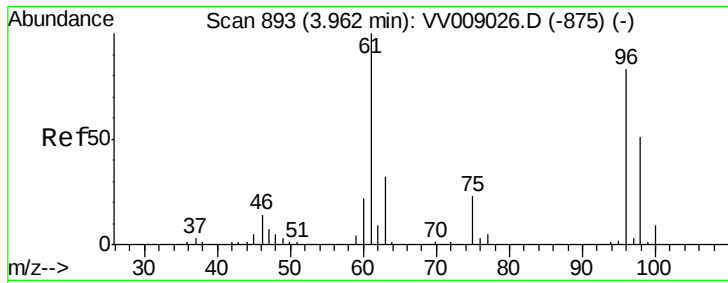
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#22

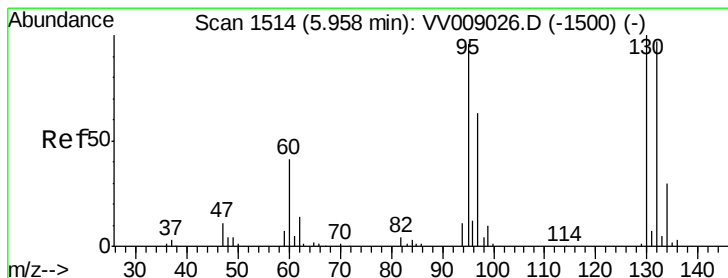
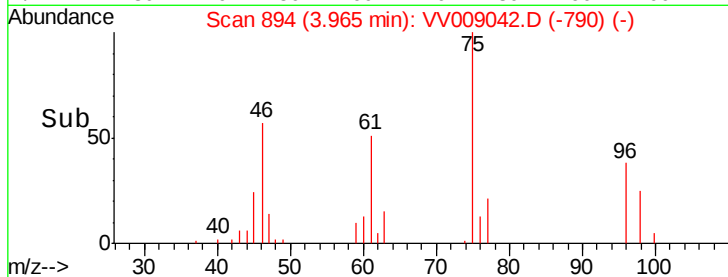
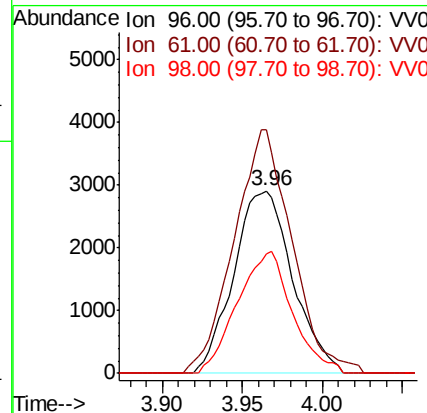
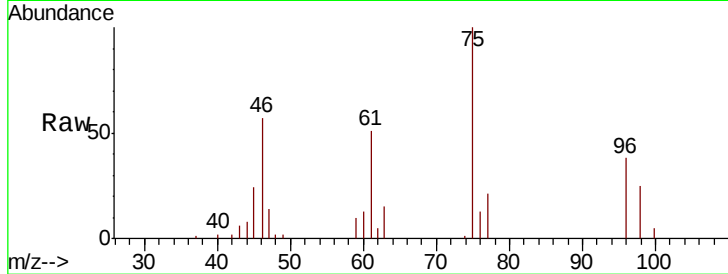
cis-1,2-Dichloroethene
Concen: 2.578 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009042.D
Acq: 19 Dec 2018 04:37

Instrument :
MSVOA_V
ClientSampled :
BF043

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	86.2	160.0
98	65.2	45.6	84.6

Manual Integrations
APPROVED

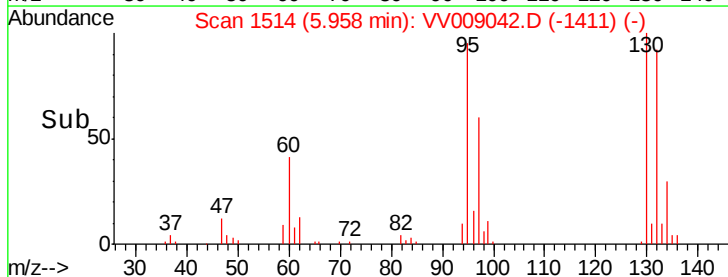
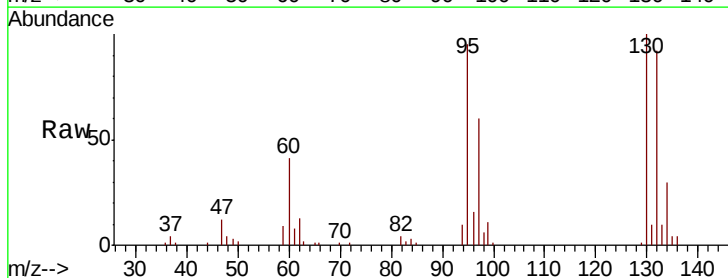
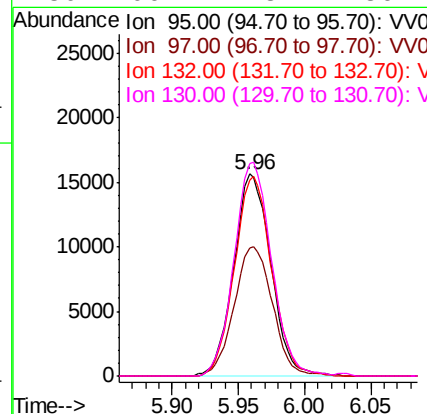
MMDadoda
12/19/2018 3:14:38 PM

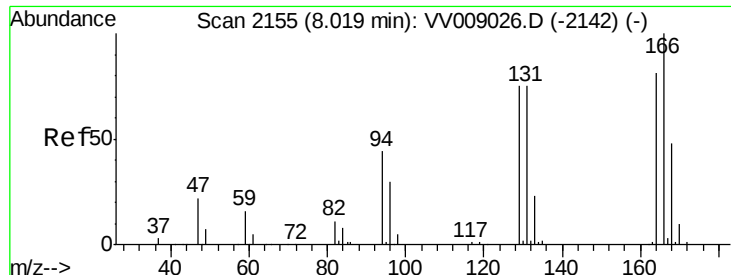


#35

Trichloroethene
Concen: 9.591 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009042.D
Acq: 19 Dec 2018 04:37

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.3	84.1
132	98.8	70.0	130.0
130	106.2	73.4	136.4





#47

Tetrachloroethene

Concen: 1347.204 ug/L

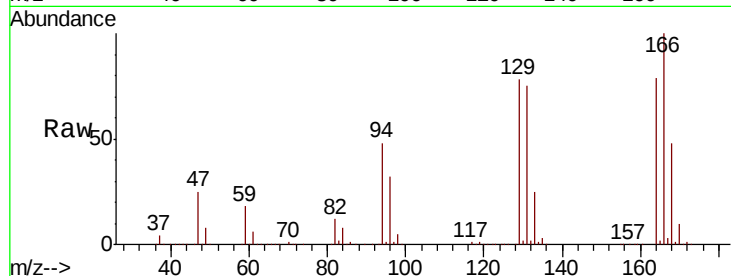
RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV009042.D

Acq: 19 Dec 2018 04:37

Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion:164 Resp: 3492468

Ion Ratio Lower Upper

164 100

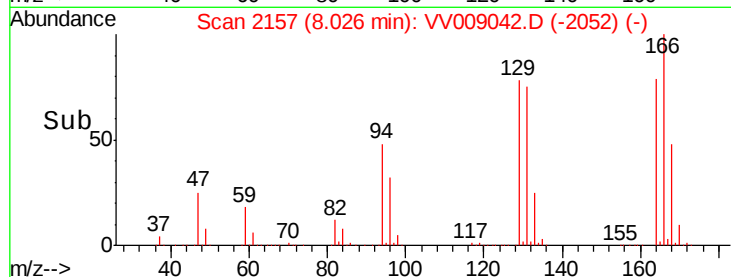
129 98.9 64.6 120.0

131 95.6 64.5 119.7

166 127.0 88.7 164.7

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Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

