

Data File : VU029291.D
Acq On : 25 Jan 2019 15:37
Operator : JC/SP
Sample : K1246-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JJ4

Quant Time: Jan 28 03:06:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	62197	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	28888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26923	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	21789	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	37080	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.20	46	64132	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.65	84	46848	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	26825	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.34	84	86956	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	28557	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.56	98	74561	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.85	79	11593	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.31	63	57519	51.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23650	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	30954	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

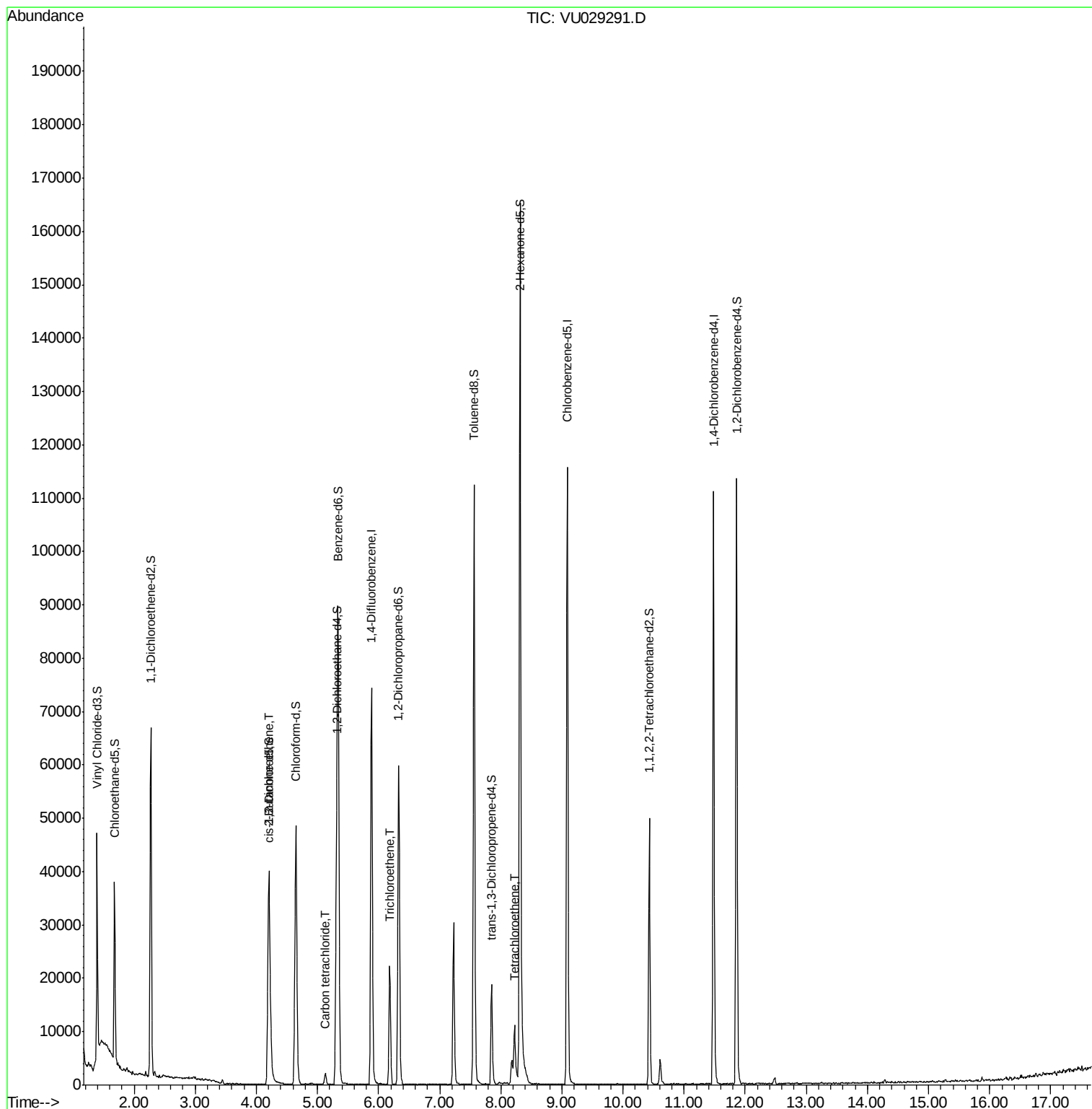
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	4.22	96	3161	0.616 ug/L	86
31) Carbon tetrachloride	5.13	117	1407	0.191 ug/L	82
34) Trichloroethene	6.18	95	7169	1.366 ug/L	89
47) Tetrachloroethene	8.22	164	2134	0.463 ug/L	95

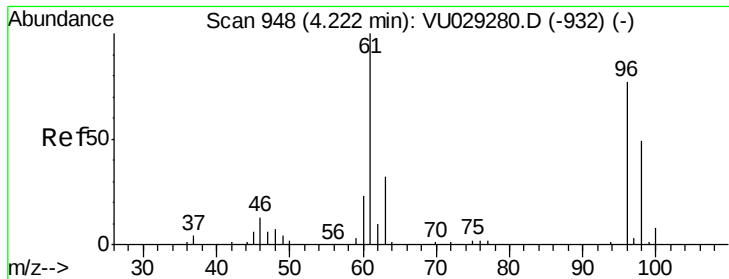
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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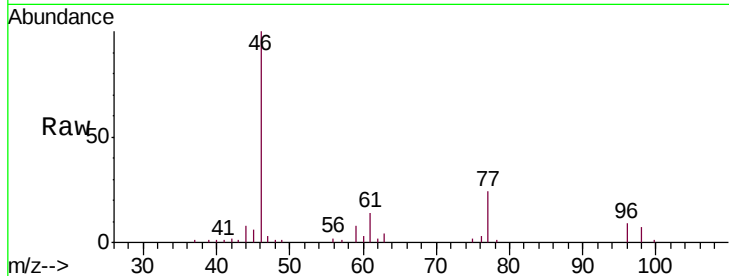


#22

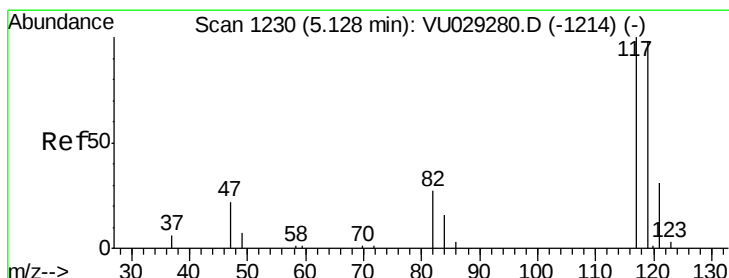
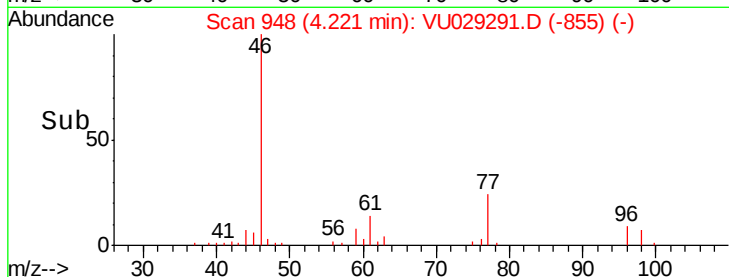
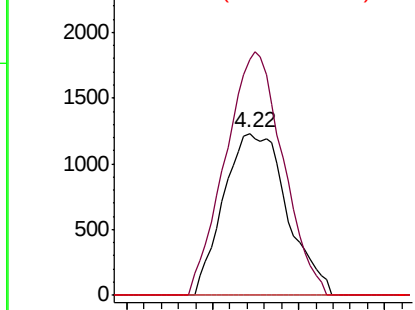
cis-1,2-Dichloroethene
 Concen: 0.616 ug/L
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU029291.D
 Acq: 25 Jan 2019 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JJ4

Tgt Ion: 96 Resp: 3161
 Ion Ratio Lower Upper
 96 100
 61 145.9 90.7 168.5
 68 0.0 0.0 0.0



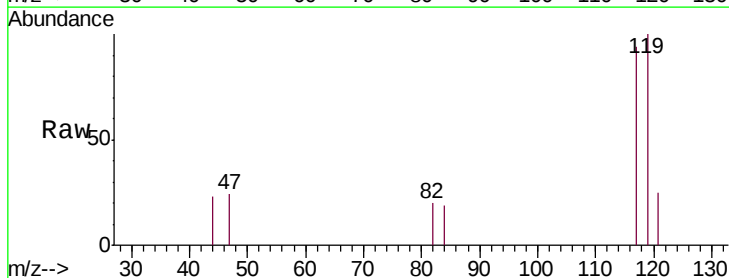
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



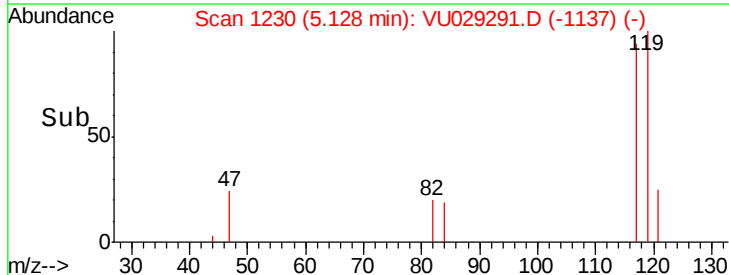
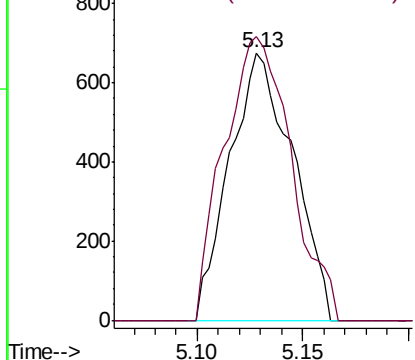
#31

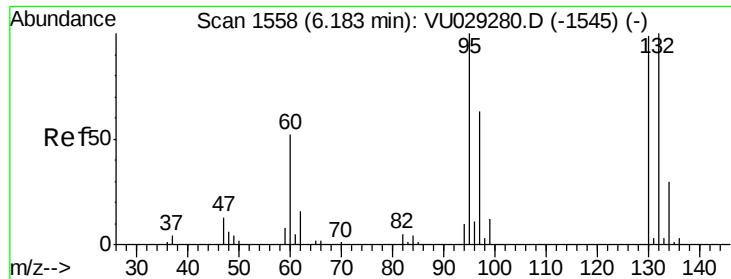
Carbon tetrachloride
 Concen: 0.191 ug/L
 RT: 5.13 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VU029291.D
 Acq: 25 Jan 2019 15:37

Tgt Ion: 117 Resp: 1407
 Ion Ratio Lower Upper
 117 100
 119 112.4 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#34

Trichloroethene

Concen: 1.366 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU029291.D

Acq: 25 Jan 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

C0JJ4

Tgt Ion: 95 Resp: 7169

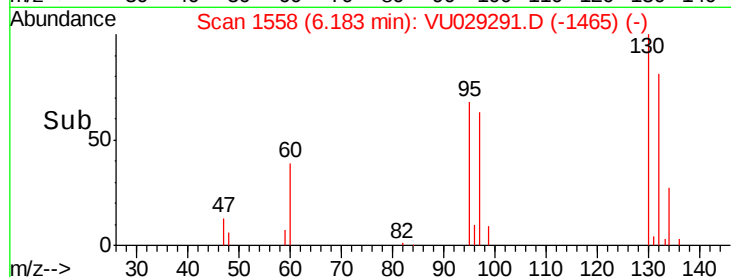
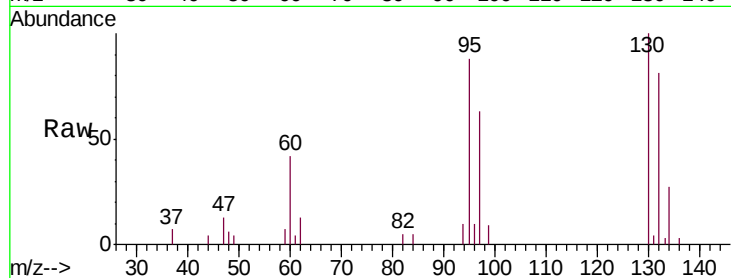
Ion Ratio Lower Upper

95 100

97 71.7 44.3 82.3

132 92.2 69.9 129.9

130 114.2 69.2 128.4

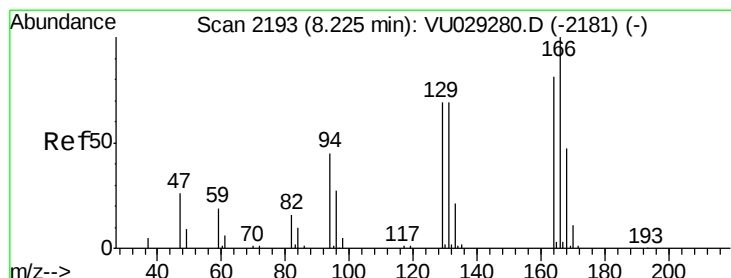
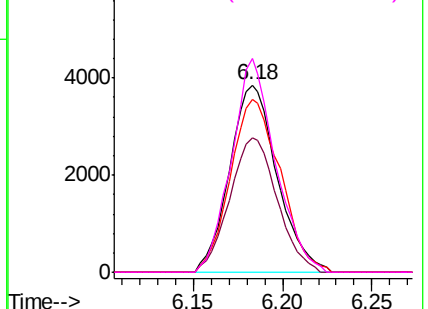


Abundance Ion 95.00 (94.70 to 95.70): VU029291.D (-1465) (-)

Ion 96.95 (96.65 to 97.65): VU029291.D (-1465) (-)

Ion 131.95 (131.65 to 132.65): VU029291.D (-1465) (-)

Ion 129.95 (129.65 to 130.65): VU029291.D (-1465) (-)



#47

Tetrachloroethene

Concen: 0.463 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU029291.D

Acq: 25 Jan 2019 15:37

Tgt Ion: 164 Resp: 2134

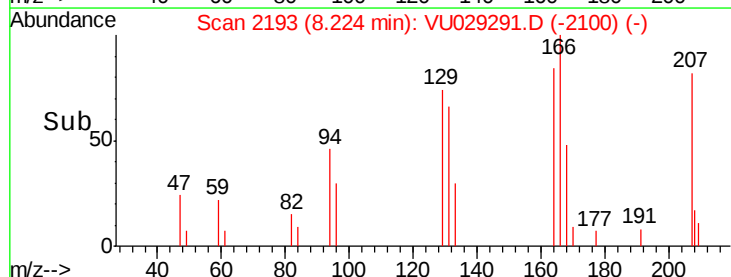
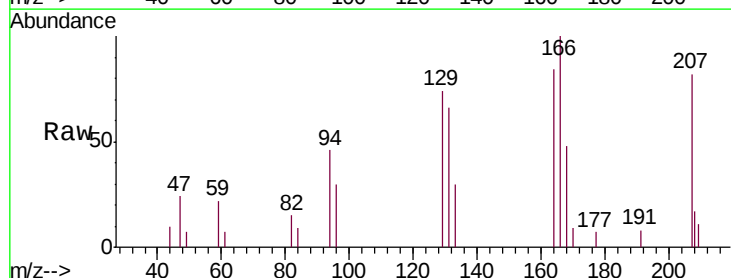
Ion Ratio Lower Upper

164 100

129 88.1 60.1 111.7

131 79.0 59.9 111.3

166 119.3 86.9 161.3



Abundance Ion 163.90 (163.60 to 164.60): VU029291.D (-2100) (-)

Ion 128.95 (128.65 to 129.65): VU029291.D (-2100) (-)

Ion 130.95 (130.65 to 131.65): VU029291.D (-2100) (-)

Ion 165.90 (165.60 to 166.60): VU029291.D (-2100) (-)

