

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060319\
 Data File : VU032416.D
 Acq On : 04 Jun 2019 00:43
 Operator : JC/SP
 Sample : K3081-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALD9

Quant Time: Jun 04 09:23:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:55:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	105850	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	99825	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41017	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.67	69	35740	3.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.20%
11) 1,1-Dichloroethene-d2	2.27	63	67365	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.18	46	112923	48.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.68%
24) Chloroform-d	4.64	84	68109	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	40815	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.33	84	135395	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.32	67	45898	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.56	98	128640	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	19399	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.31	63	94014	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36694	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	43047	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

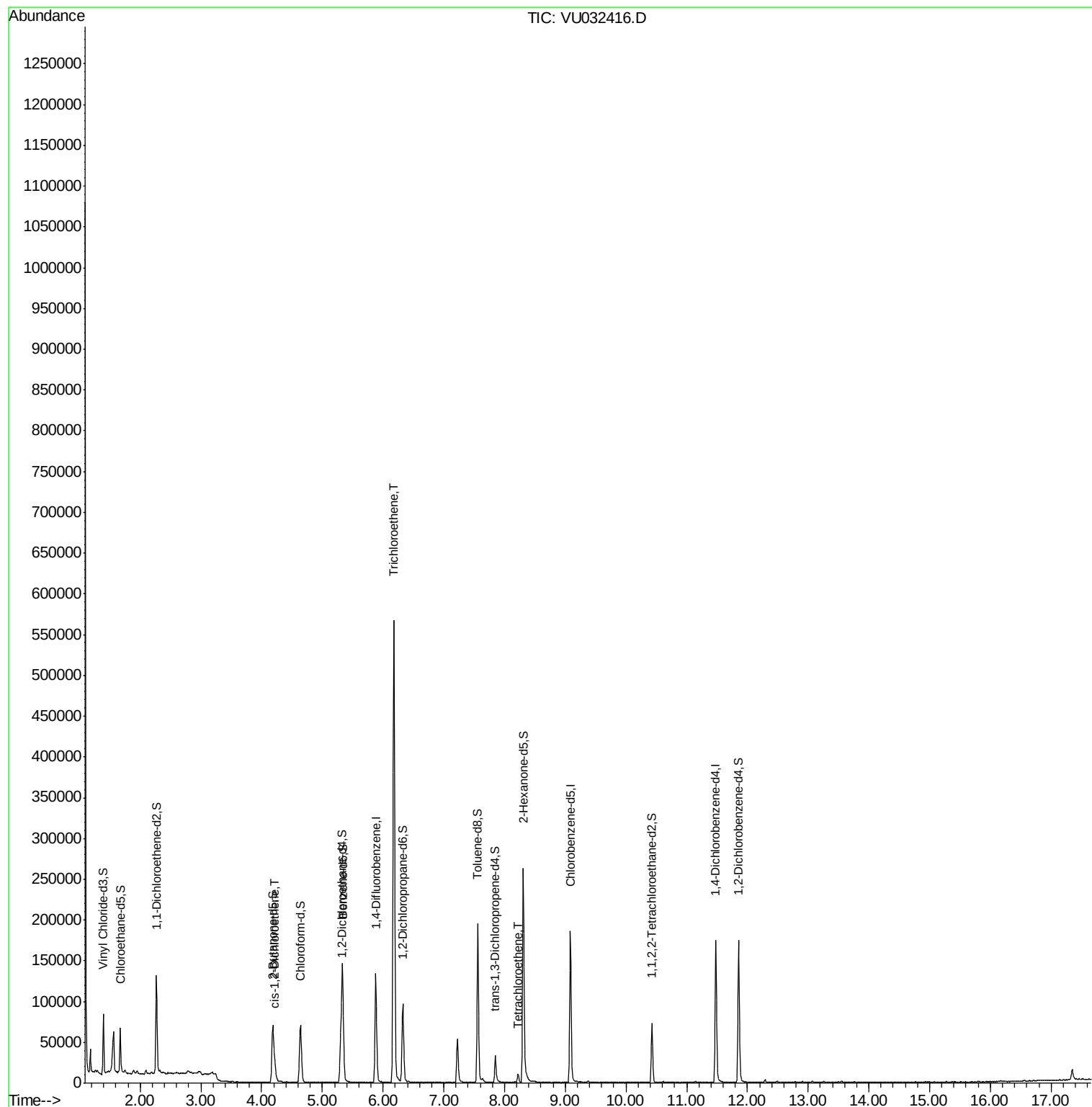
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	6879	0.440 ug/L	95
34) Trichloroethene	6.18	95	197836	12.514 ug/L	97
47) Tetrachloroethene	8.22	164	2256	0.204 ug/L	90

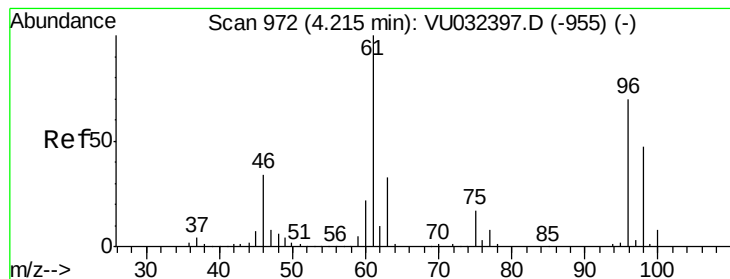
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.440 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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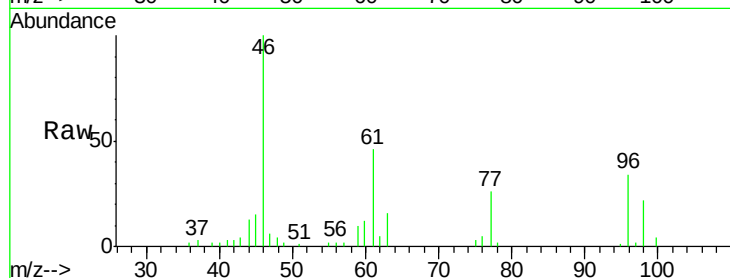
Tot Ion: 96 Resp: 6879

Ion Ratio Lower Upper

96 100

61 134.7 99.0 183.8

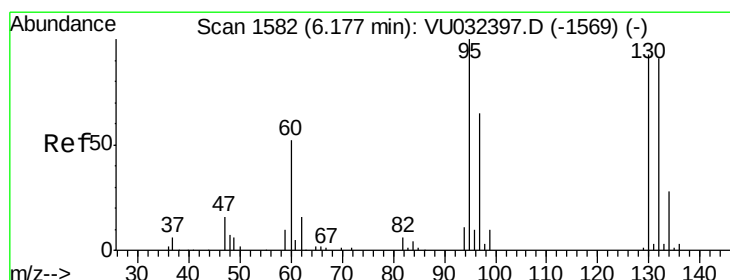
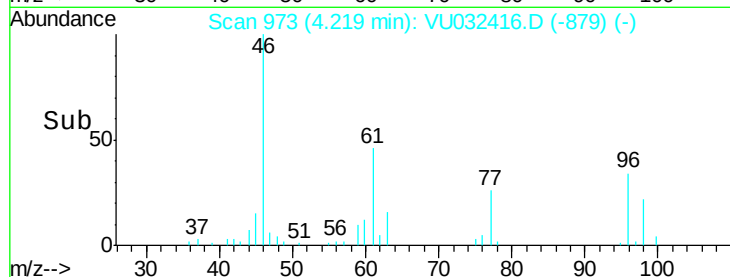
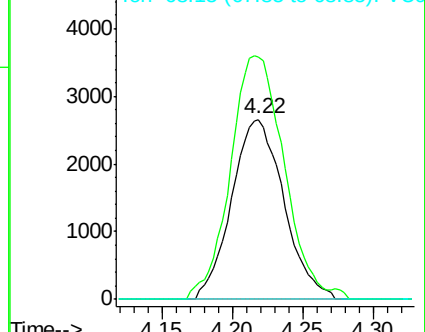
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032397.D (-955) (-)

Ion 61.05 (60.75 to 61.75): VU032397.D (-955) (-)

Ion 68.15 (67.85 to 68.85): VU032397.D (-955) (-)



#34

Trichloroethene

Concen: 12.514 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032416.D

Acq: 04 Jun 2019 00:43

Tgt Ion: 95 Resp: 197836

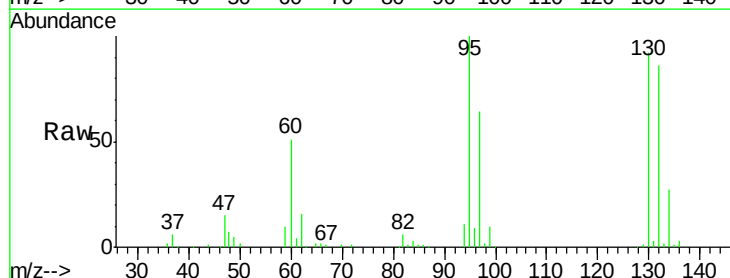
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.0

132 85.7 63.1 117.1

130 92.3 66.0 122.6

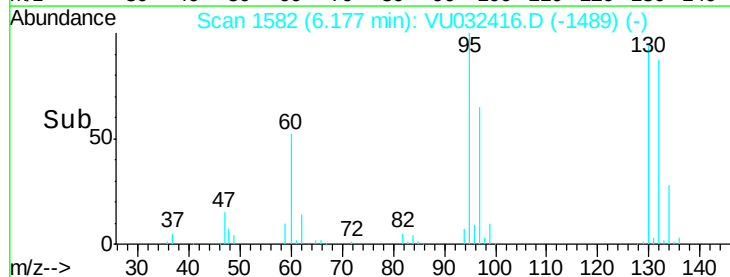
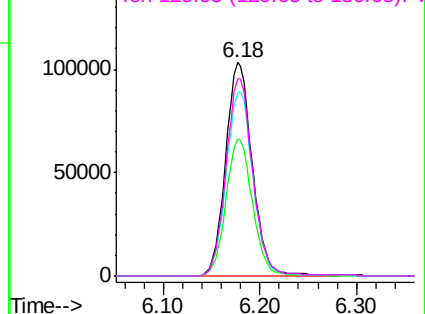


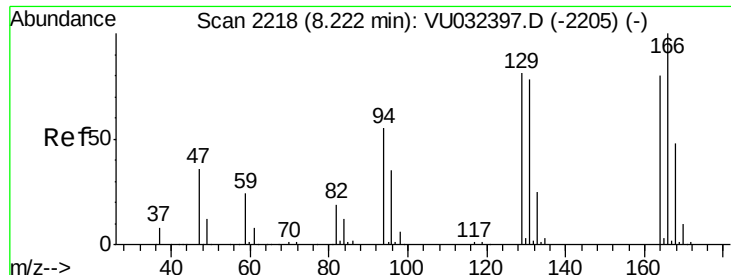
Abundance Ion 95.00 (94.70 to 95.70): VU032397.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032397.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032397.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032397.D (-1569) (-)





#47

Tetrachloroethene

Concen: 0.204 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032416.D

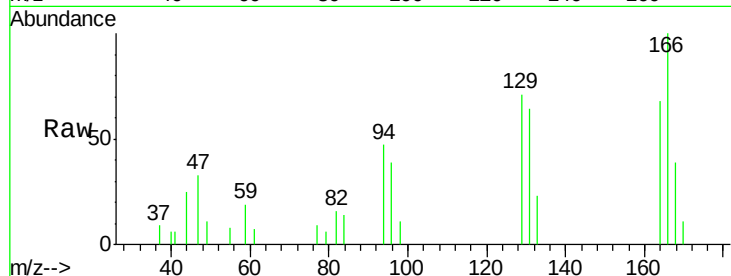
Acq: 04 Jun 2019 00:43

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MSVOA_U

ClientSampleId :

GALD9



Tot Ion:164 Resp: 2256

Ion Ratio Lower Upper

164 100

129 105.1 72.1 133.9

131 94.4 71.9 133.5

166 147.8 89.0 165.4

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

