

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032081.D
 Acq On : 17 May 2019 05:22
 Operator : JC/SP
 Sample : K2859-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W20

Quant Time: May 17 12:31:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 08:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	379815	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144296	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.68	69	123277	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.27	63	203623	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	4.21	46	274912	43.77	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.54%
24) Chloroform-d	4.64	84	252665	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	129161	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.33	84	527704	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.33	67	153234	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.56	98	439618	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	50827	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.31	63	242499	43.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126038	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	156580	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

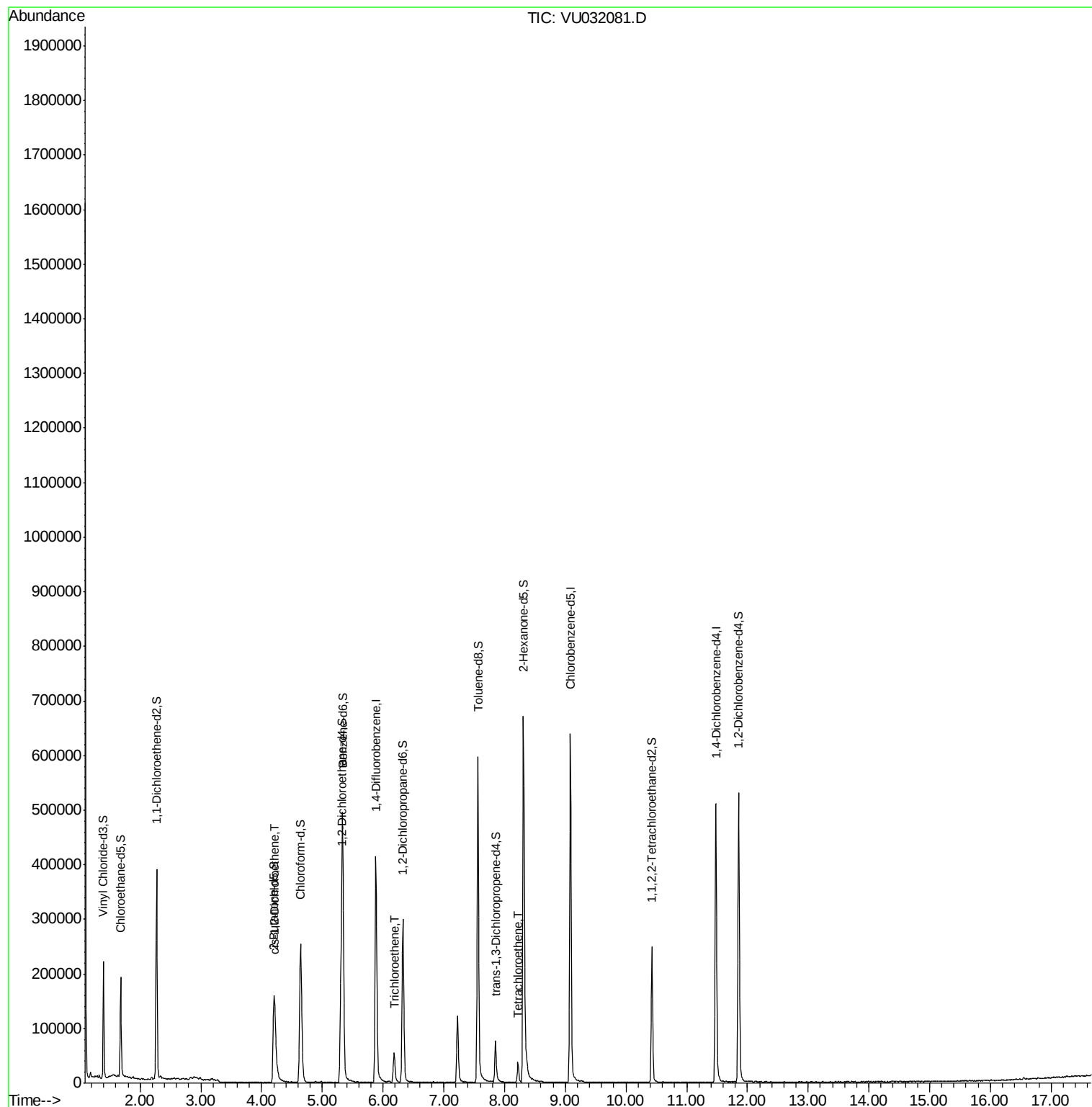
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	5999	0.374 ug/L	68
34) Trichloroethene	6.18	95	18513	1.145 ug/L	95
47) Tetrachloroethene	8.22	164	9229	0.764 ug/L	94

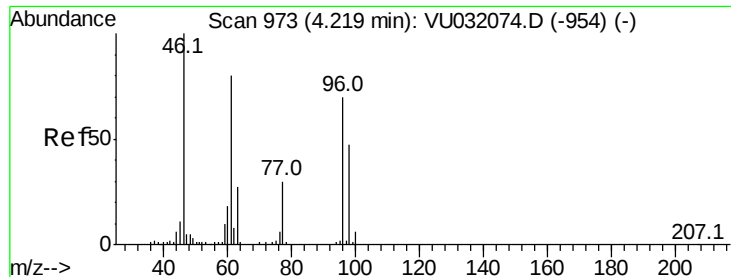
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.374 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032081.D

Acq: 17 May 2019 05:22

Instrument :

MSVOA_U

ClientSampleId :

F9W20

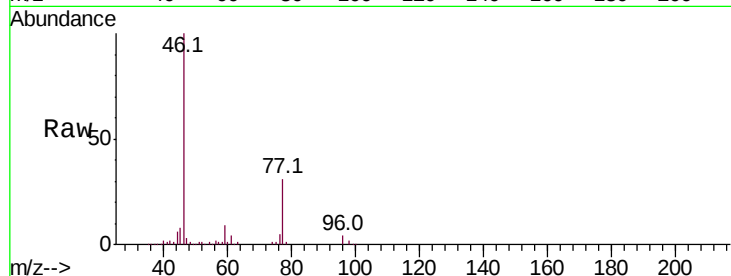
Tot Ion: 96 Resp: 5999

Ion Ratio Lower Upper

96 100

61 87.0 85.8 159.4

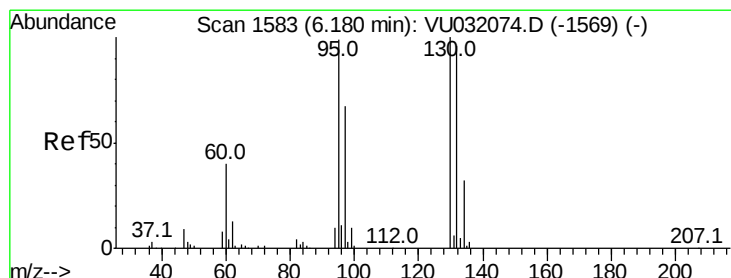
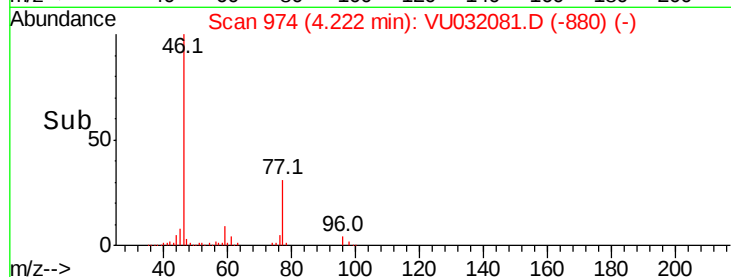
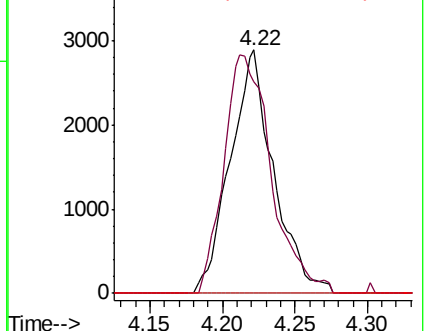
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032074.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU032074.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU032074.D (-954) (-)



#34

Trichloroethene

Concen: 1.145 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032081.D

Acq: 17 May 2019 05:22

Tgt Ion: 95 Resp: 18513

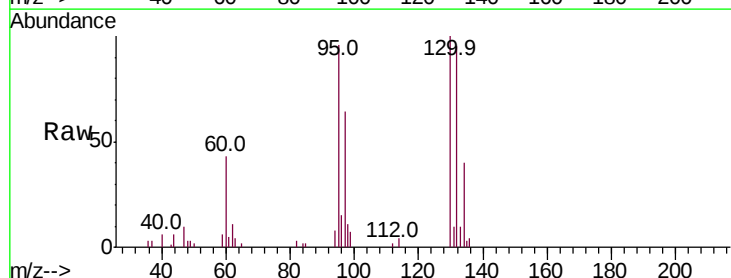
Ion Ratio Lower Upper

95 100

97 66.9 45.2 84.0

132 98.2 66.1 122.7

130 103.8 66.7 123.9

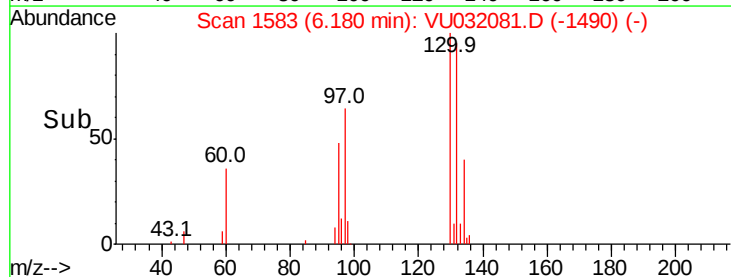
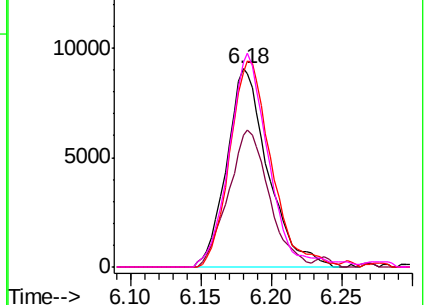


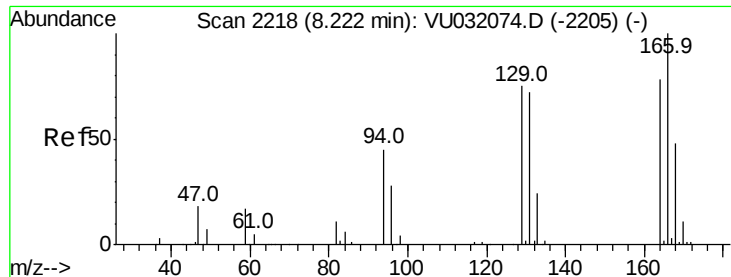
Abundance Ion 95.00 (94.70 to 95.70): VU032074.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032074.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032074.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032074.D (-1569) (-)





#47

Tetrachloroethene

Concen: 0.764 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032081.D

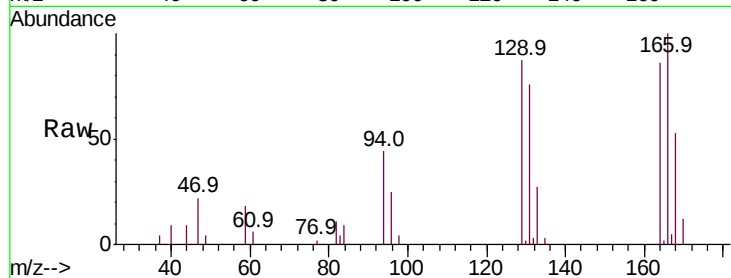
Acq: 17 May 2019 05:22

Instrument :

MSVOA_U

ClientSampleId :

F9W20



Tot Ion:164 Resp: 9229

Ion Ratio Lower Upper

164 100

129 101.4 70.3 130.5

131 89.2 64.5 119.9

166 116.8 92.3 171.5

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

