

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022019\
 Data File : VU029580.D
 Acq On : 20 Feb 2019 15:02
 Operator : JC/SP
 Sample : K1488-10DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE6DL

Quant Time: Feb 21 05:30:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 21 04:23:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49969	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.68	69	51614	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.27	63	83845	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.19	46	169800	59.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.54%
24) Chloroform-d	4.65	84	91299	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.31	65	62398	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.34	84	225886	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.33	67	72100	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.56	98	213745	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	27216	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.31	63	166205	56.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66957	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	98055	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

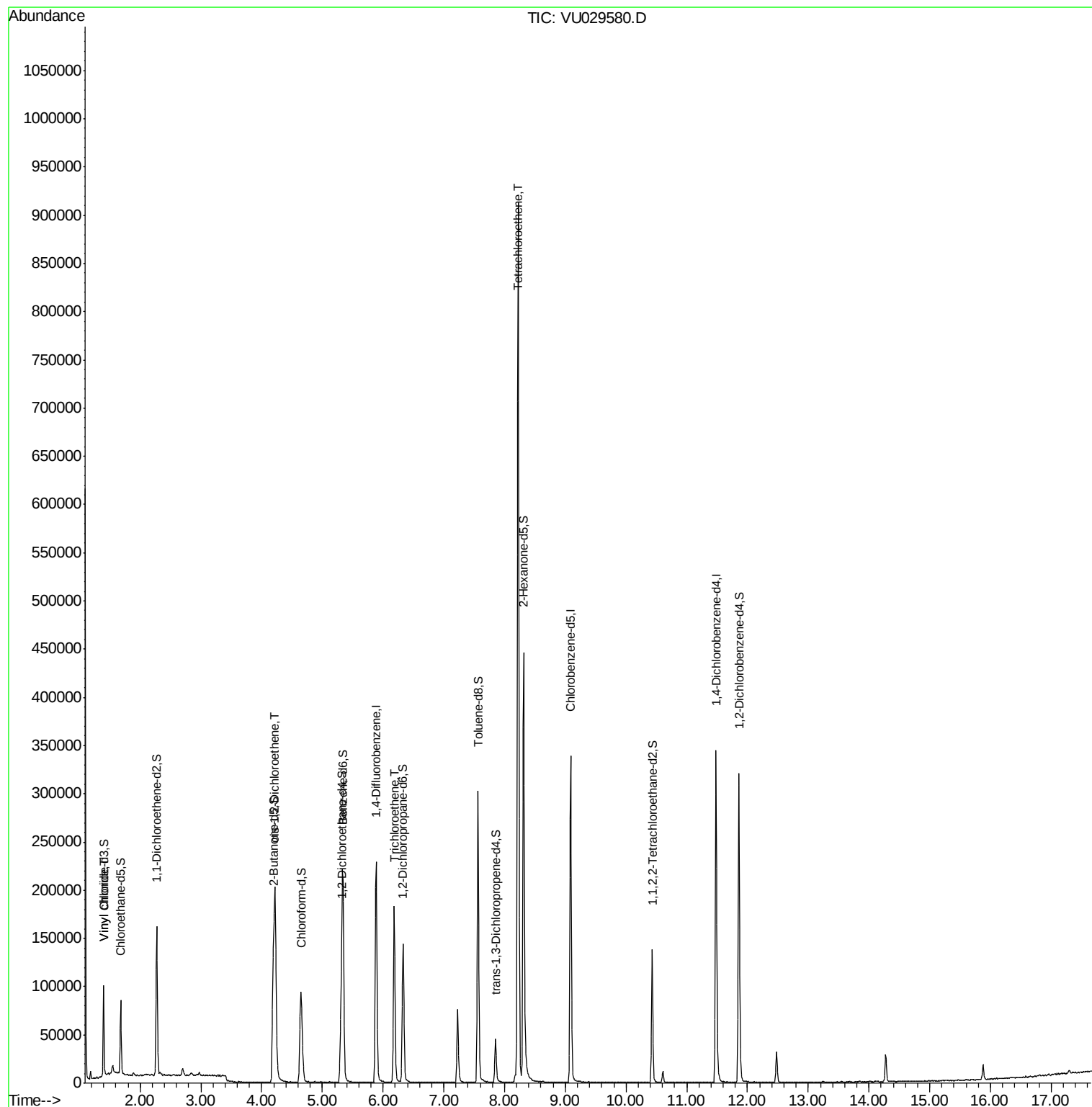
					Ovalue
5) Vinyl chloride	1.40	62	12778	0.647 ug/L #	67
22) cis-1,2-Dichloroethene	4.22	96	97877	5.912 ug/L	95
34) Trichloroethene	6.18	95	62795	3.768 ug/L	95
47) Tetrachloroethene	8.22	164	220373	14.435 ug/L	98

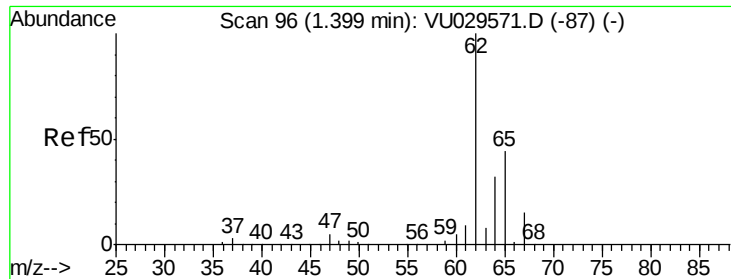
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.647 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029580.D

Acq: 20 Feb 2019 15:02

Instrument :

MSVOA_U

ClientSampleId :

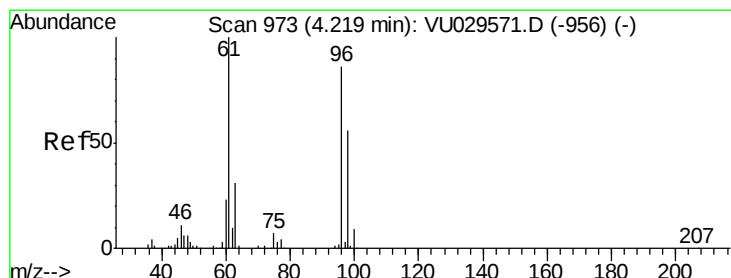
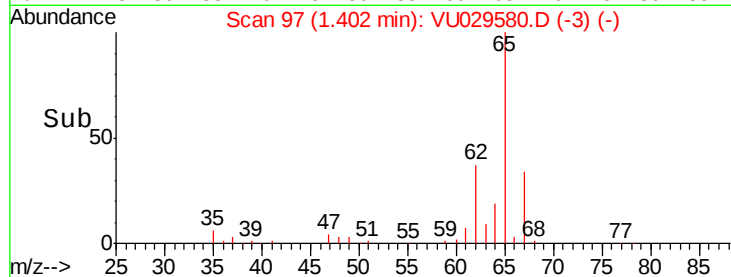
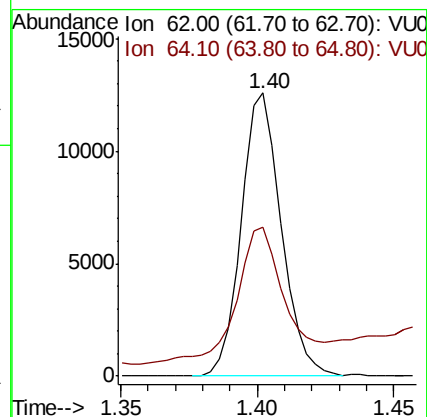
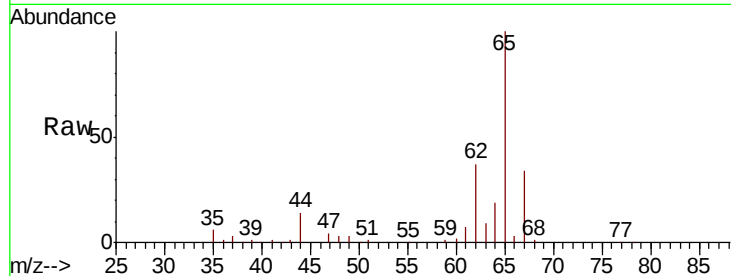
ESXE6DL

Tot Ion: 62 Resp: 12778

Ion Ratio Lower Upper

62 100

64 52.4 23.5 43.7#



#22

cis-1,2-Dichloroethene

Concen: 5.912 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029580.D

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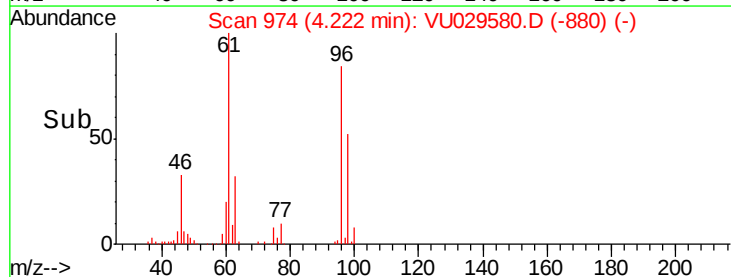
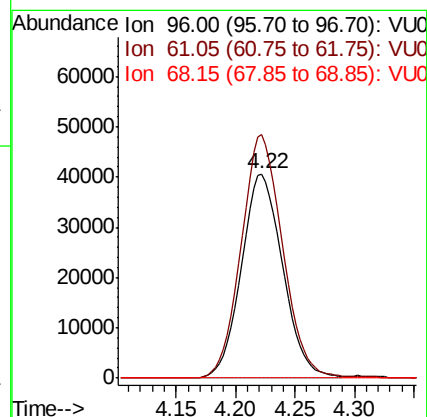
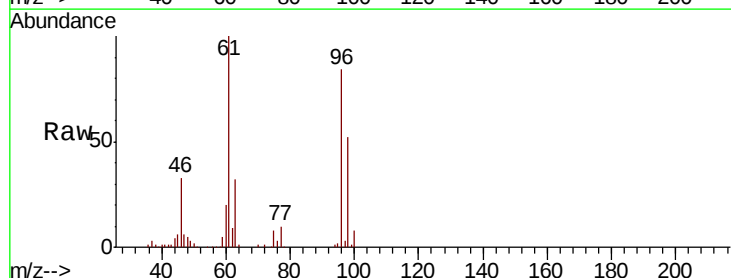
Tgt Ion: 96 Resp: 97877

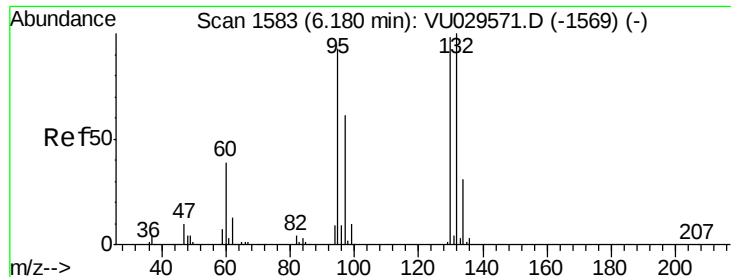
Ion Ratio Lower Upper

96 100

61 119.2 79.9 148.5

68 0.0 0.0 0.0

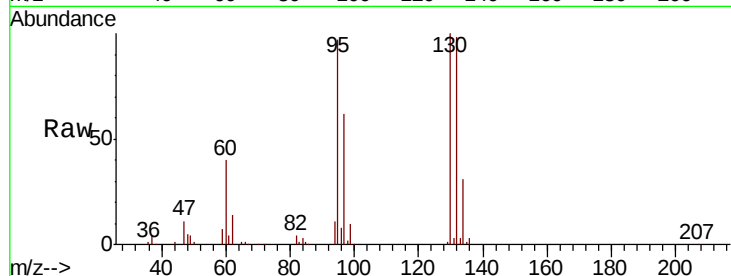




#34
 Trichloroethene
 Concen: 3.768 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU029580.D
 Acq: 20 Feb 2019 15:02

Instrument :
 MSVOA_U
 ClientSampled :
 ESXE6DL

Tot Ion:	95	Resp:	62795
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.3	86.1
132	101.1	72.9	135.3
130	103.5	79.2	147.0



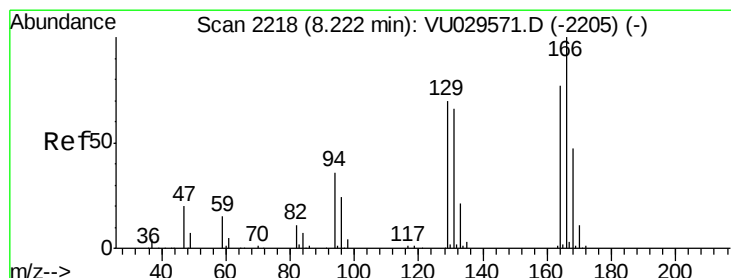
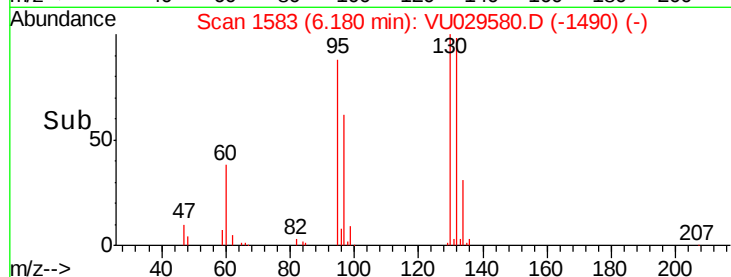
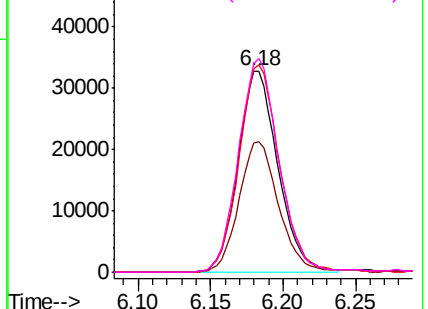
Abundance

Ion 95.00 (94.70 to 95.70): VU029571.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU029571.D (-1569) (-)

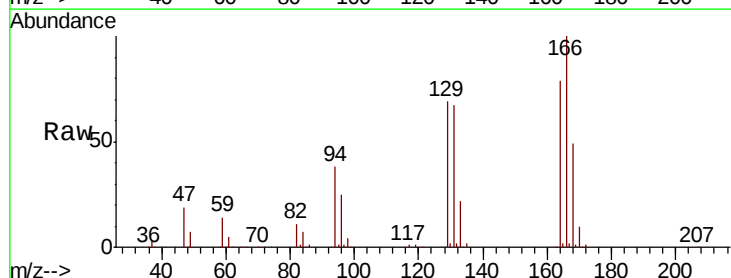
Ion 131.95 (131.65 to 132.65): VU029571.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU029571.D (-1569) (-)



#47
 Tetrachloroethene
 Concen: 14.435 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU029580.D
 Acq: 20 Feb 2019 15:02

Tgt Ion:	164	Resp:	220373
Ion	Ratio	Lower	Upper
164	100		
129	87.6	62.9	116.9
131	84.9	62.1	115.3
166	127.3	89.8	166.8



Abundance

Ion 163.90 (163.60 to 164.60): VU029571.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU029571.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU029571.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU029571.D (-2205) (-)

