

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034806.D
 Acq On : 25 Sep 2019 16:27
 Operator : JC/SP
 Sample : K4948-01DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDM9DL

Quant Time: Sep 26 06:29:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 04:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	451913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	426336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	184853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	203885	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.14%
7) Chloroethane-d5	1.67	69	178399	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.78%
11) 1,1-Dichloroethene-d2	2.26	63	278152	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	4.15	46	378718	106.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.81%
24) Chloroform-d	4.62	84	350179	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
26) 1,2-Dichloroethane-d4	5.29	65	242305	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
32) Benzene-d6	5.32	84	730418	55.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.54%
36) 1,2-Dichloropropane-d6	6.31	67	252097	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.16%
41) Toluene-d8	7.54	98	684287	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%
43) trans-1,3-Dichloropropene-	7.83	79	113405	51.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.54%
47) 2-Hexanone-d5	8.29	63	250434	107.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.96%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	340799	53.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.36%
64) 1,2-Dichlorobenzene-d4	11.84	152	227084	58.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.16%

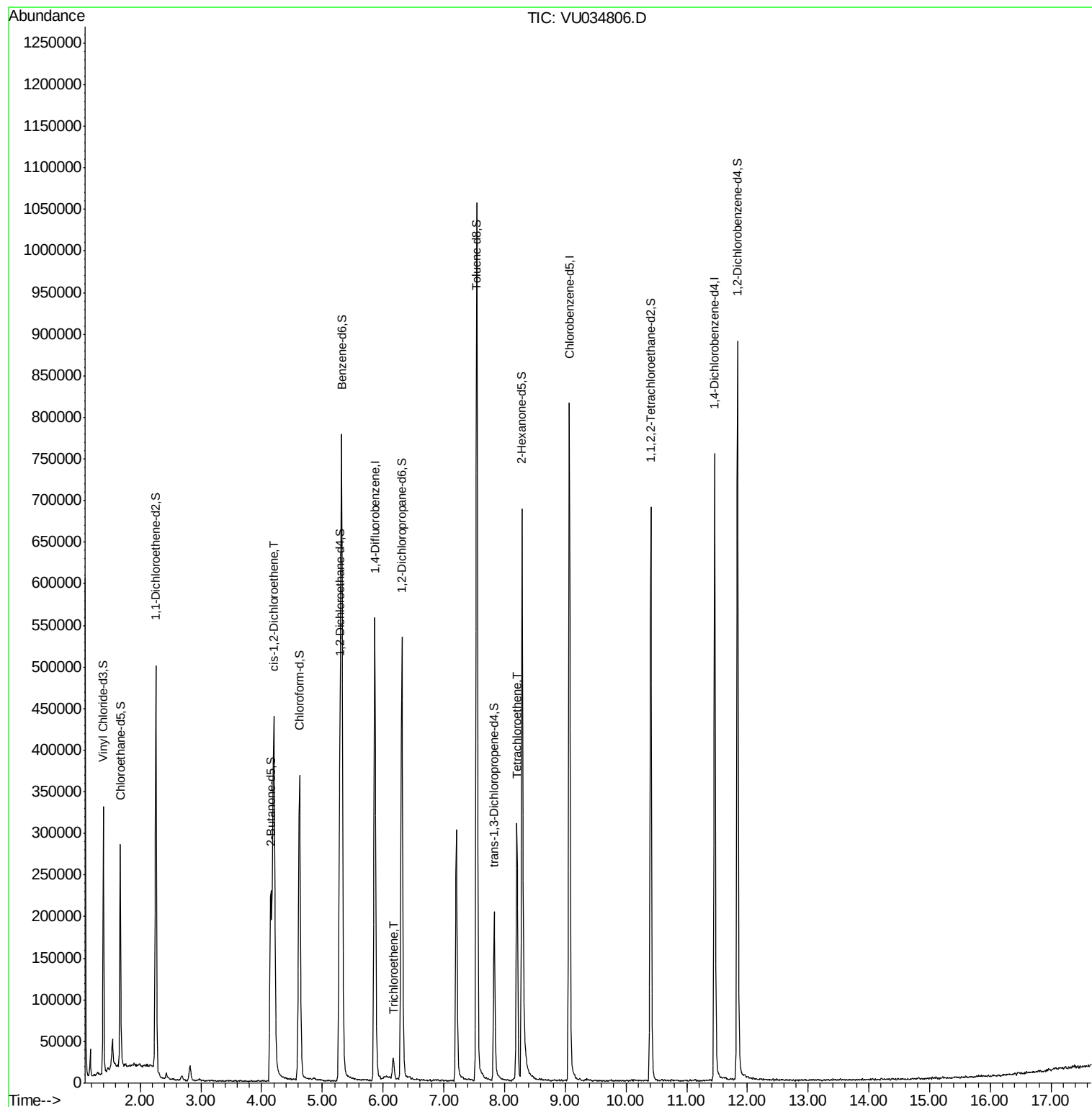
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	223370	59.096 ug/L	89
34) Trichloroethene	6.17	95	8347	2.286 ug/L	95
46) Tetrachloroethene	8.21	164	65089	25.340 ug/L	96

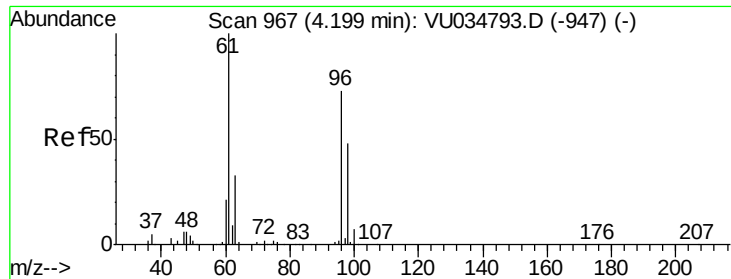
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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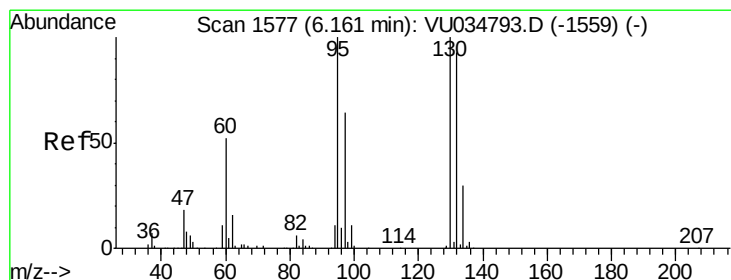
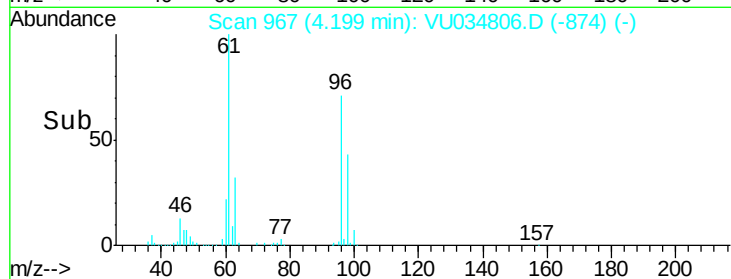
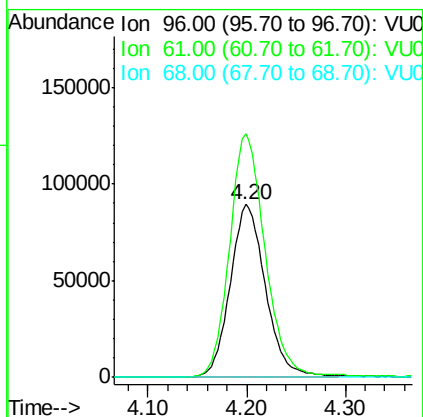
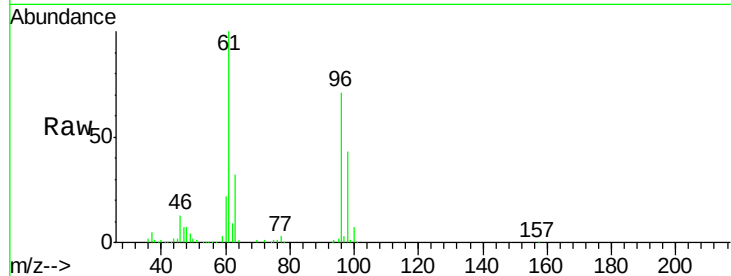




#20
 cis-1,2-Dichloroethene
 Concen: 59.096 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU034806.D
 Acq: 25 Sep 2019 16:27

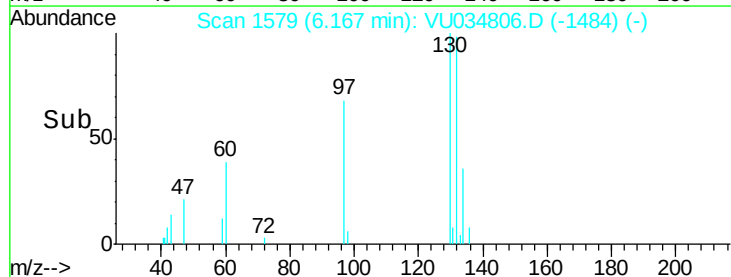
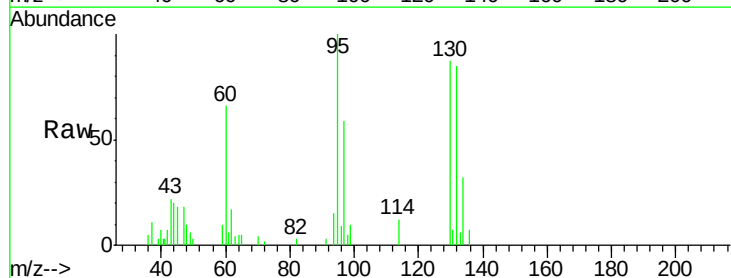
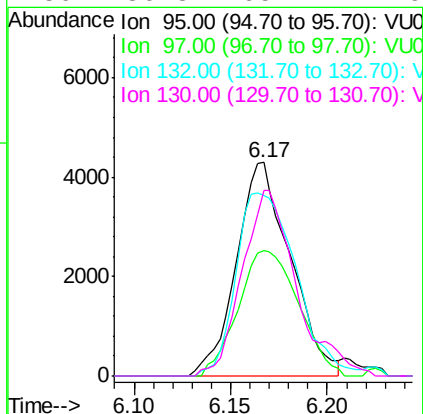
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 MSVOA_U
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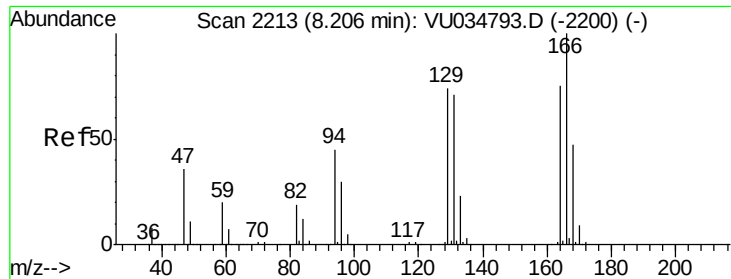
Tot Ion: 96 Resp: 223370
 Ion Ratio Lower Upper
 96 100
 61 141.0 108.8 202.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.286 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VU034806.D
 Acq: 25 Sep 2019 16:27

Tgt Ion: 95 Resp: 8347
 Ion Ratio Lower Upper
 95 100
 97 58.9 43.7 81.1
 132 84.7 61.0 113.2
 130 86.8 65.7 121.9





#46

Tetrachloroethene

Concen: 25.340 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034806.D

Acq: 25 Sep 2019 16:27

Instrument :

MSVOA_U

ClientSampleId :

BEDM9DL

Tot Ion:164 Resp: 65089

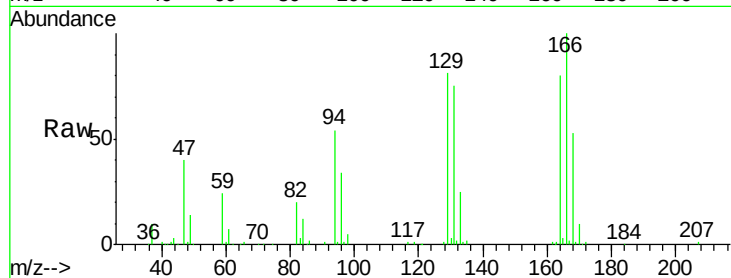
Ion Ratio Lower Upper

164 100

129 100.5 71.9 133.5

131 93.2 66.3 123.1

166 124.7 93.4 173.6



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

