

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092319\
 Data File : VU034731.D
 Acq On : 23 Sep 2019 14:05
 Operator : JC/SP
 Sample : K4984-02DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDP3DL

Quant Time: Oct 09 01:10:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 01:52:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	490502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	464008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	215302	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	222204	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.50%
7) Chloroethane-d5	1.67	69	178910	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.26	63	308537	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.56%
21) 2-Butanone-d5	4.15	46	418669	108.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.79%
24) Chloroform-d	4.62	84	326496	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.29	65	274974	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.48%
32) Benzene-d6	5.32	84	752302	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.62%
36) 1,2-Dichloropropane-d6	6.31	67	265619	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.68%
41) Toluene-d8	7.54	98	717875	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%
43) trans-1,3-Dichloropropene-	7.83	79	122397	50.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.68%
47) 2-Hexanone-d5	8.29	63	267626	106.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	351994	50.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	251154	55.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.26%

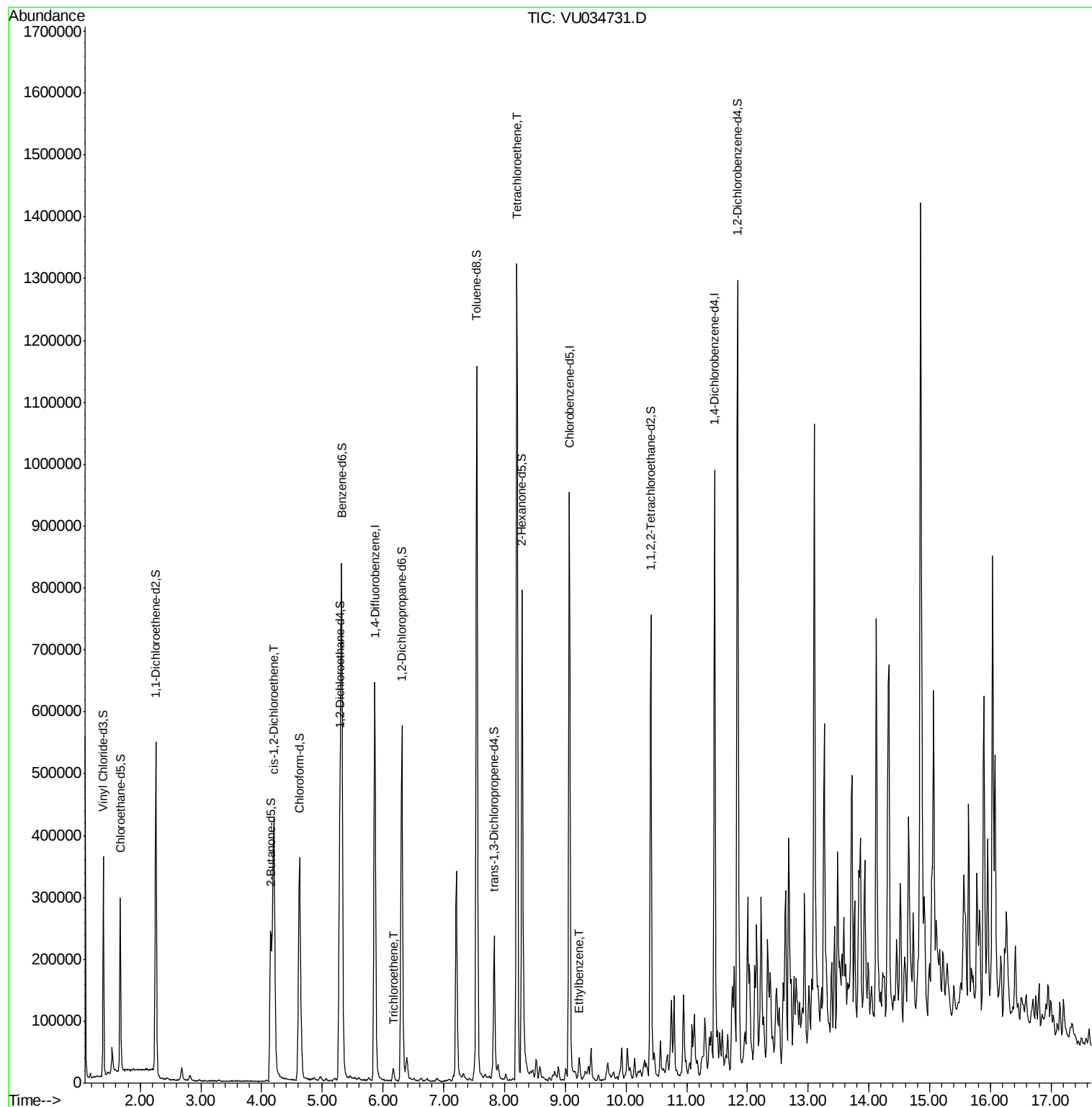
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	203627	49.634 ug/L	98
34) Trichloroethene	6.17	95	6028	1.517 ug/L	83
46) Tetrachloroethene	8.21	164	261297	93.466 ug/L	96
52) Ethylbenzene	9.23	91	21453	1.095 ug/L	98

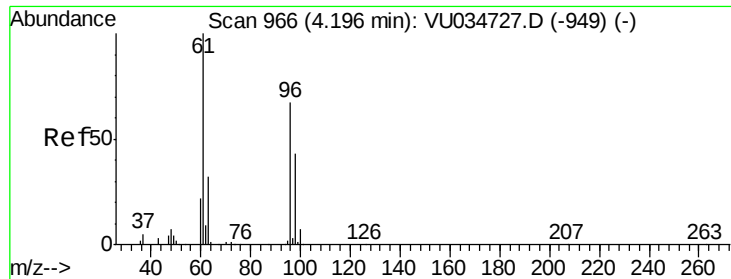
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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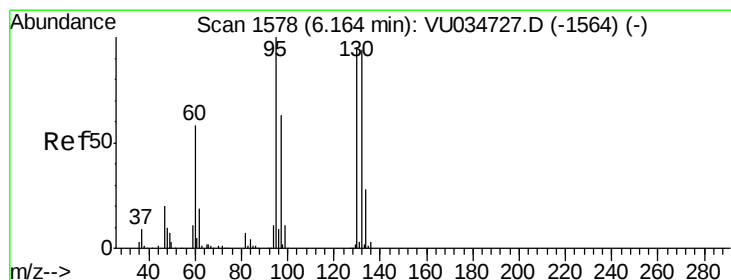
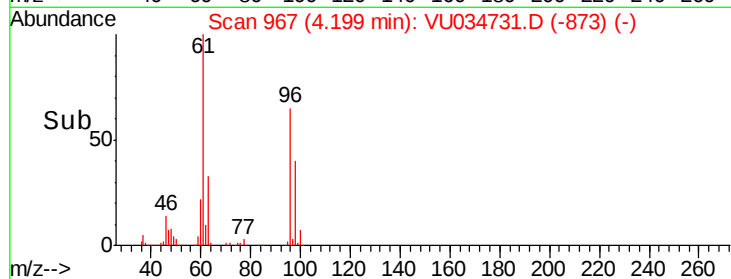
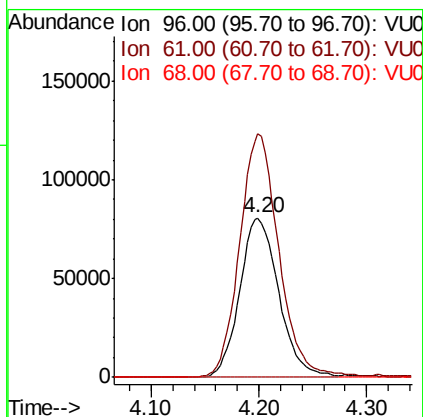
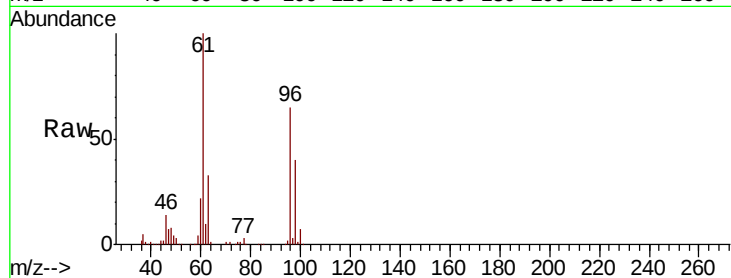




#20
 cis-1,2-Dichloroethene
 Concen: 49.634 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034731.D
 Acq: 23 Sep 2019 14:05

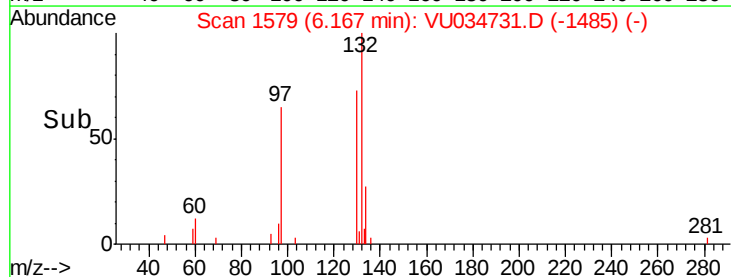
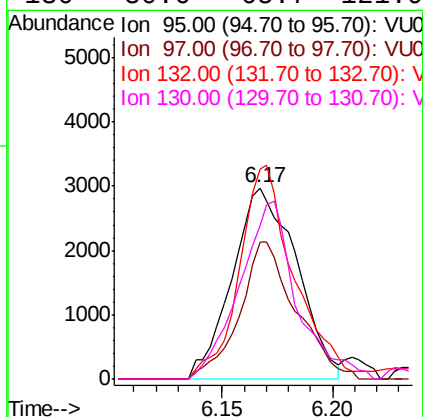
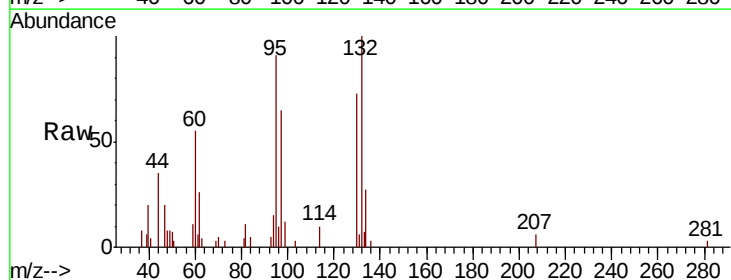
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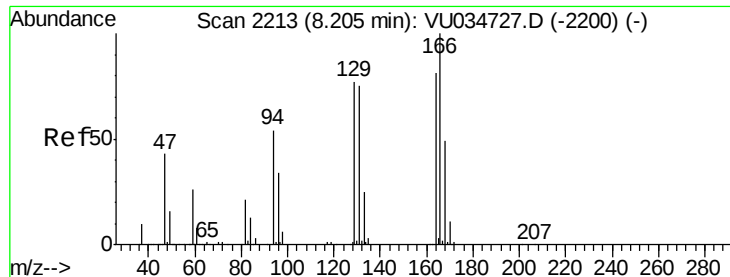
Tot Ion	96	Resp	203627
Ion	Ratio	Lower	Upper
96	100		
61	152.8	108.8	202.2
68	0.0	0.0	0.0



#34
 Trichloroethene
 Concen: 1.517 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034731.D
 Acq: 23 Sep 2019 14:05

Tgt Ion	95	Resp	6028
Ion	Ratio	Lower	Upper
95	100		
97	71.7	43.7	81.1
132	109.7	61.0	113.2
130	80.6	65.7	121.9





#46

Tetrachloroethene

Concen: 93.466 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034731.D

Acq: 23 Sep 2019 14:05

Instrument :

MSVOA_U

ClientSampleId :

BEDP3DL

Tot Ion:164 Resp: 261297

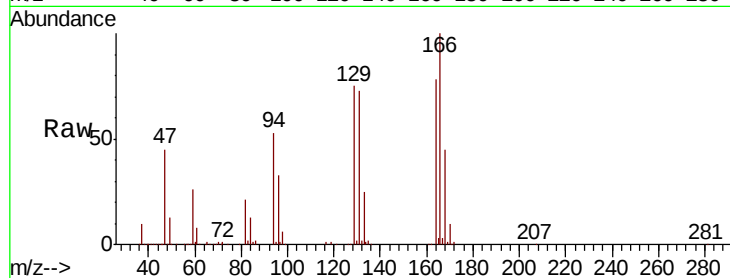
Ion Ratio Lower Upper

164 100

129 95.8 71.9 133.5

131 94.1 66.3 123.1

166 128.1 93.4 173.6

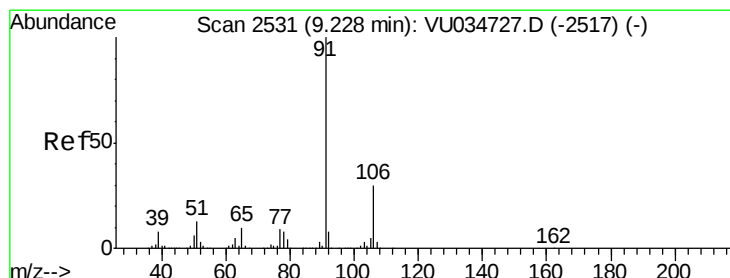
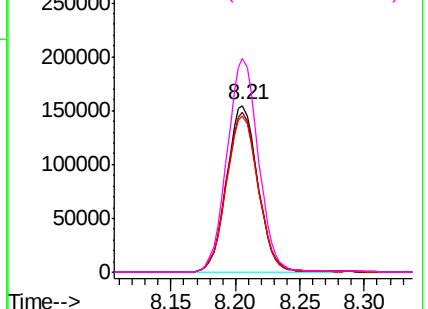
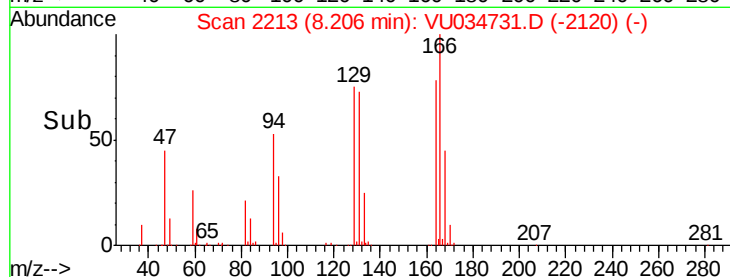


Abundance Ion 164.00 (163.70 to 164.70): V

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



#52

Ethylbenzene

Concen: 1.095 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034731.D

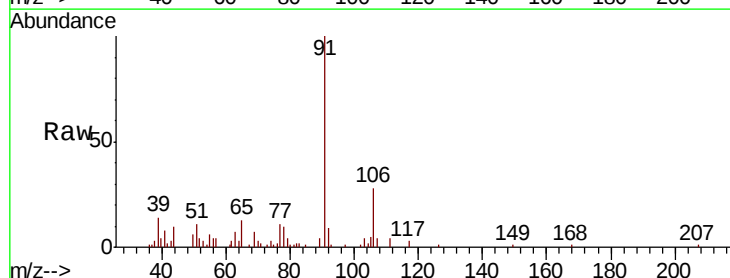
Acq: 23 Sep 2019 14:05

Tgt Ion: 91 Resp: 21453

Ion Ratio Lower Upper

91 100

106 28.3 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

