

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\
 Data File : VU033455.D
 Acq On : 26 Jul 2019 15:56
 Operator : JC/SP
 Sample : K3976-17DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC5DL

Quant Time: Jul 27 04:43:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:57:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	255067	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	262002	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	110591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	94134	48.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.50%
7) Chloroethane-d5	1.67	69	88459	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.26%
11) 1,1-Dichloroethene-d2	2.25	63	128774	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.54%
21) 2-Butanone-d5	4.15	46	142215	116.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.24%
24) Chloroform-d	4.62	84	167410	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	5.28	65	115596	55.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.40%
32) Benzene-d6	5.32	84	329245	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.31	67	110844	53.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.68%
41) Toluene-d8	7.55	98	287631	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.83	79	48815	48.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.70%
47) 2-Hexanone-d5	8.30	63	96279	103.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.73%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	171618	55.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	114560	58.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.18%

Target Compounds

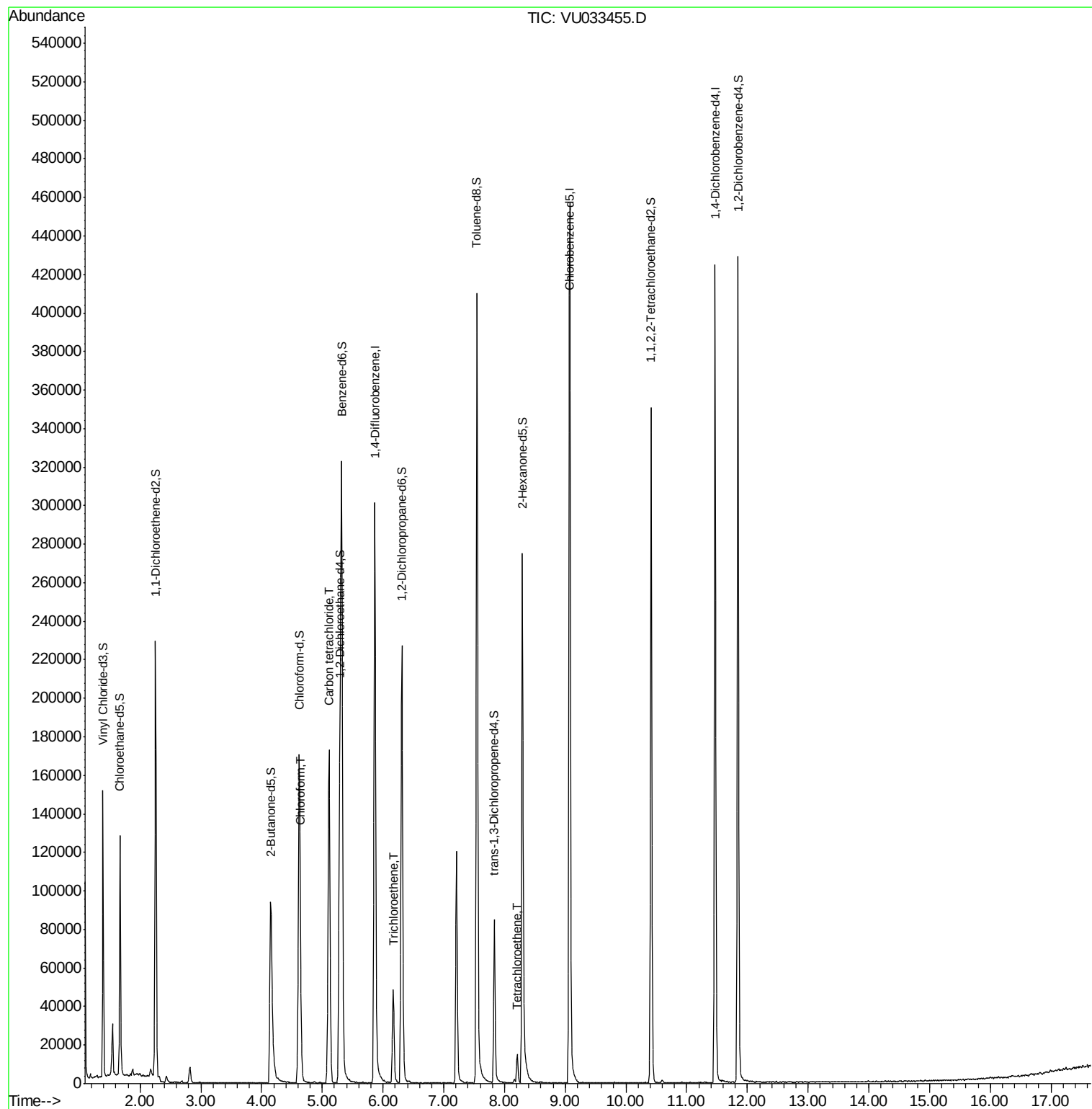
					Ovalue
25) Chloroform	4.65	83	10500	2.919 ug/L	99
31) Carbon tetrachloride	5.11	117	123932	46.331 ug/L	99
34) Trichloroethene	6.17	95	17127	8.571 ug/L	97
46) Tetrachloroethene	8.21	164	3171	2.050 ug/L	87

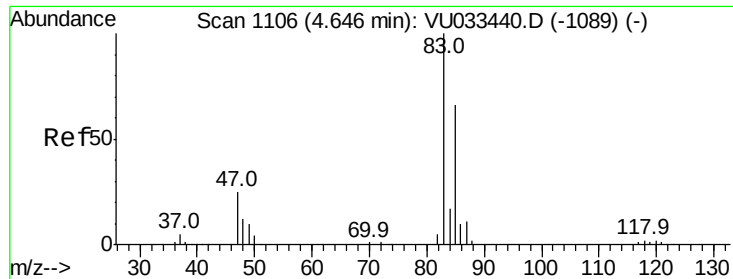
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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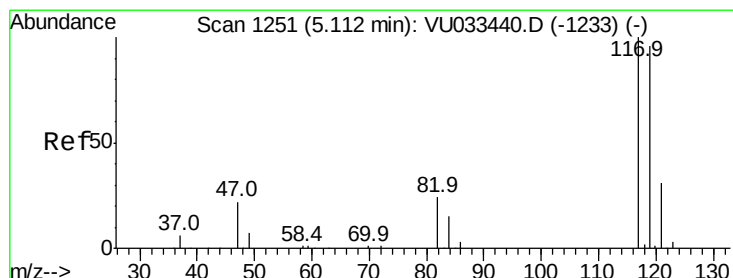
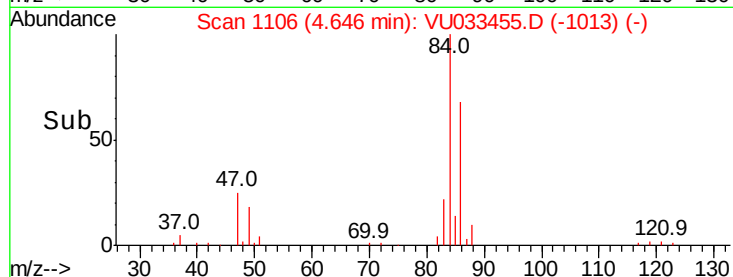
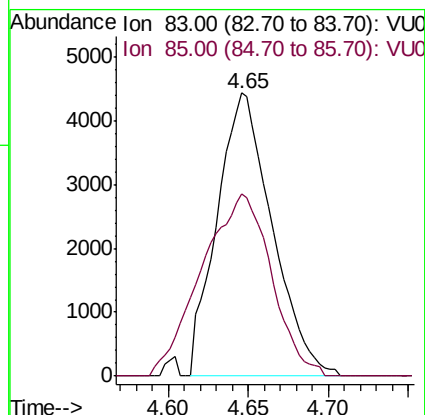
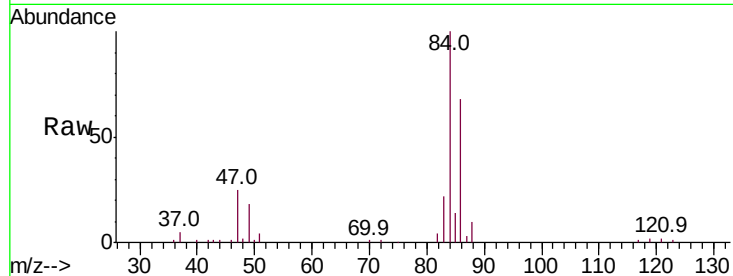




#25
Chloroform
Concen: 2.919 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033455.D
Acq: 26 Jul 2019 15:56

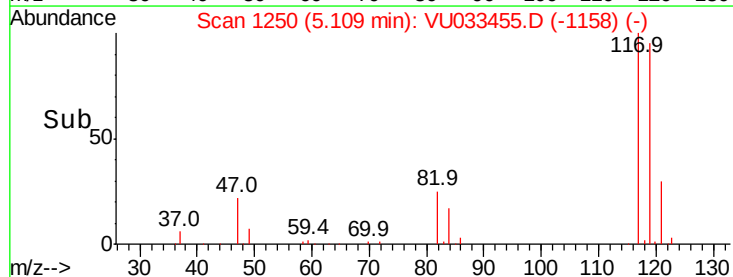
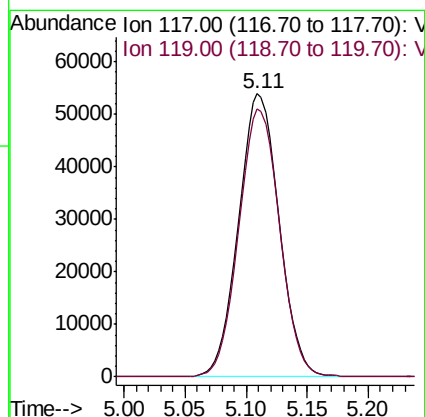
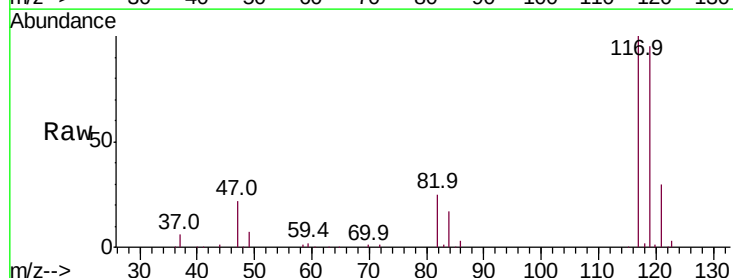
Instrument :
MSVOA_U
ClientSampleId :
C0CC5DL

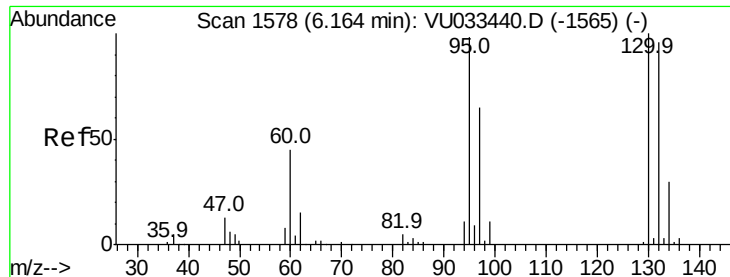
Tot Ion: 83 Resp: 10500
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4



#31
Carbon tetrachloride
Concen: 46.331 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU033455.D
Acq: 26 Jul 2019 15:56

Tgt Ion: 117 Resp: 123932
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3





#34

Trichloroethene

Concen: 8.571 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033455.D

Acq: 26 Jul 2019 15:56

Instrument :

MSVOA_U

ClientSampled :

C0CC5DL

Tot Ion: 95 Resp: 17127

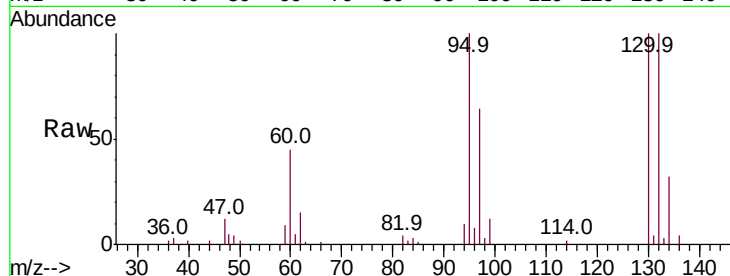
Ion Ratio Lower Upper

95 100

97 64.0 43.8 81.4

132 99.8 65.5 121.6

130 99.8 69.7 129.5

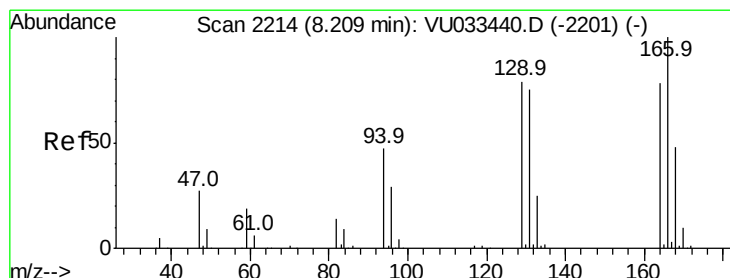
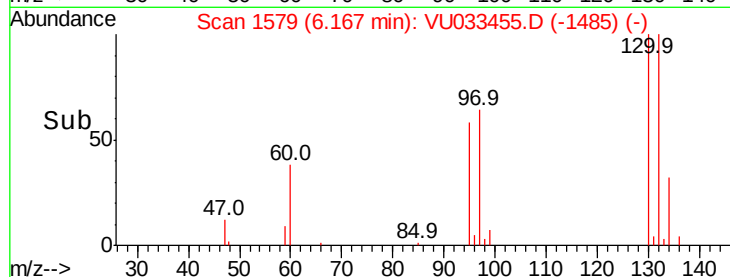
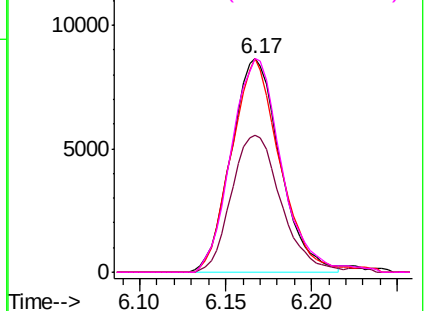


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 2.050 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VU033455.D

Acq: 26 Jul 2019 15:56

Tgt Ion: 164 Resp: 3171

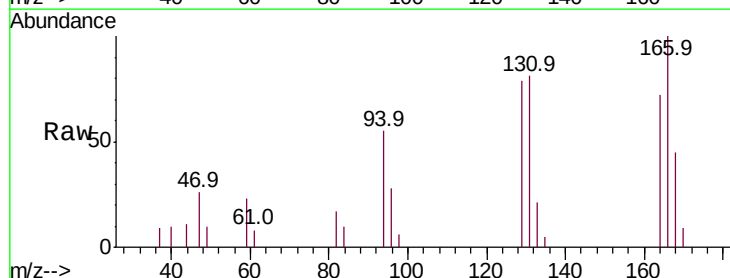
Ion Ratio Lower Upper

164 100

129 110.2 69.6 129.2

131 112.2 65.7 122.1

166 138.8 88.5 164.4



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

