

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033233.D
 Acq On : 12 Jul 2019 19:41
 Operator : JC/SP
 Sample : K3787-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C88DL

Quant Time: Jul 13 01:22:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 00:05:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	310107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	305744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115603	49.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.50%
7) Chloroethane-d5	1.67	69	102493	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.22%
11) 1,1-Dichloroethene-d2	2.25	63	148257	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	4.15	46	166056	111.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.64%
24) Chloroform-d	4.62	84	192283	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	5.28	65	130678	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.32	84	398277	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.31	67	126221	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.06%
41) Toluene-d8	7.55	98	353999	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%
43) trans-1,3-Dichloropropene-	7.83	79	59078	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.28%
47) 2-Hexanone-d5	8.29	63	118149	109.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	185717	51.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	134470	55.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.74%

Target Compounds

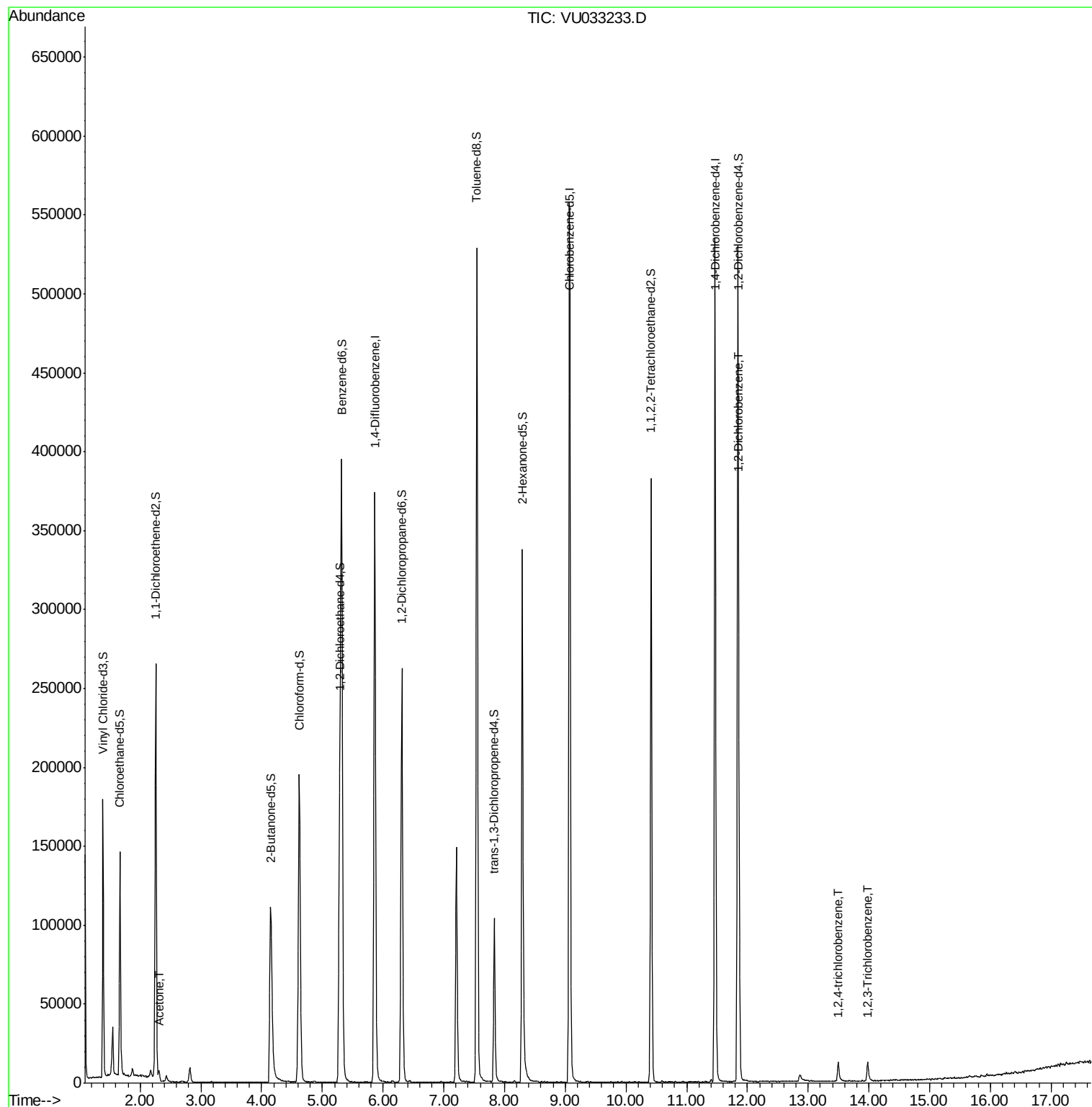
					Ovalue
13) Acetone	2.31	43	5386	2.898 ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	32153	7.478 ug/L	96
68) 1,2,4-trichlorobenzene	13.49	180	5041	1.905 ug/L	90
70) 1,2,3-Trichlorobenzene	13.98	180	5153	1.794 ug/L	93

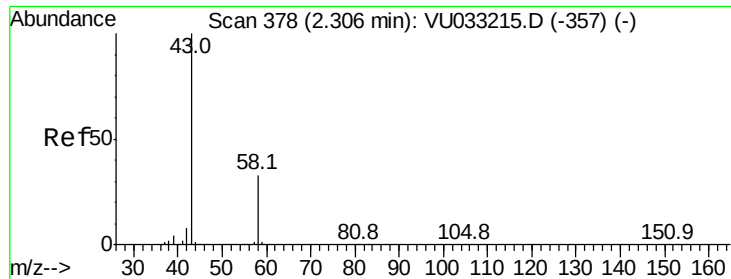
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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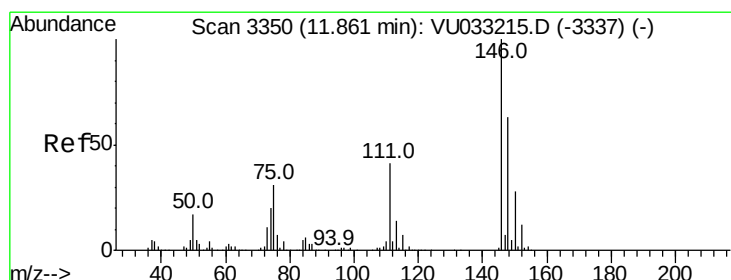
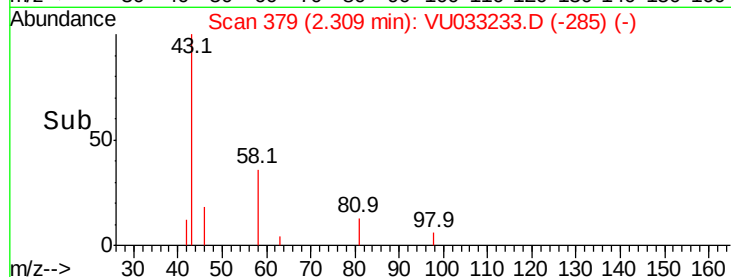
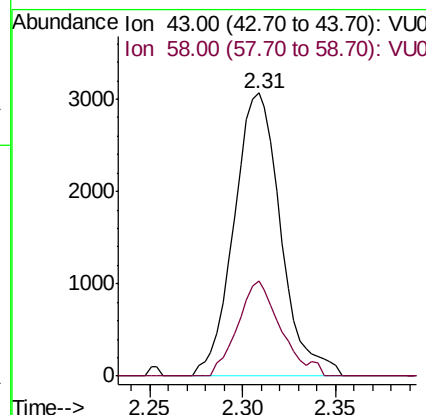
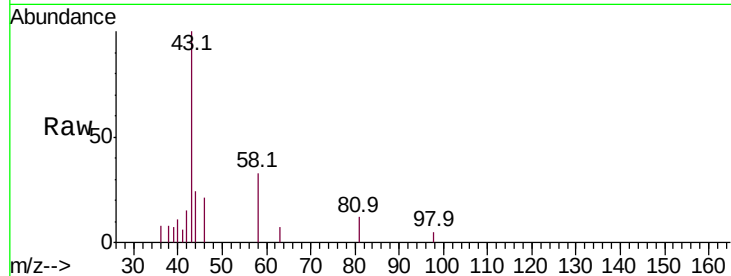




#13
Acetone
Concen: 2.898 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033233.D
Acq: 12 Jul 2019 19:41

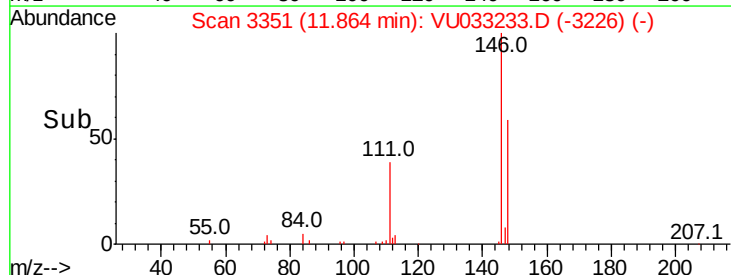
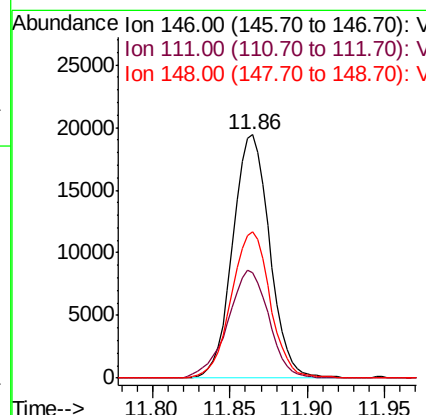
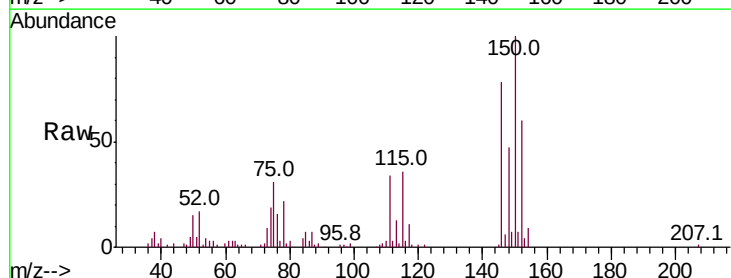
Instrument :
MSVOA_U
ClientSampleId :
C0C88DL

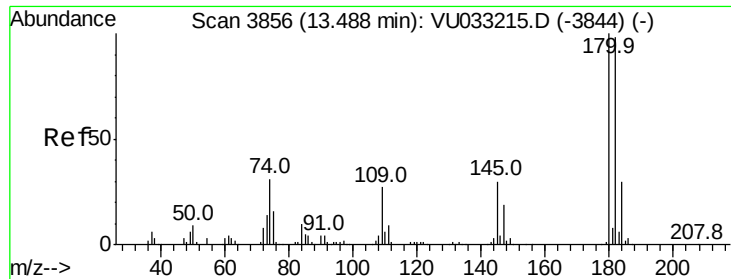
Tot Ion: 43 Resp: 5386
Ion Ratio Lower Upper
43 100
58 29.8 0.0 65.4



#65
1,2-Dichlorobenzene
Concen: 7.478 ug/L
RT: 11.86 min Scan# 3351
Delta R.T. 0.00 min
Lab File: VU033233.D
Acq: 12 Jul 2019 19:41

Tgt Ion: 146 Resp: 32153
Ion Ratio Lower Upper
146 100
111 43.4 34.3 51.5
148 60.1 51.5 77.3

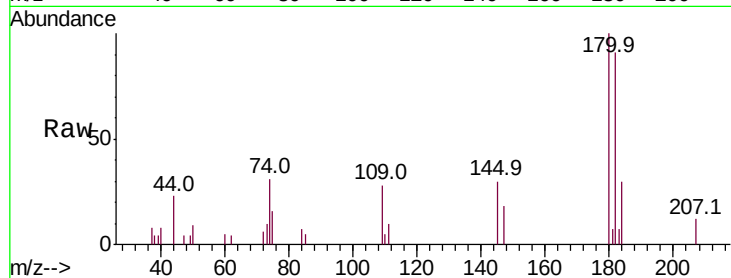




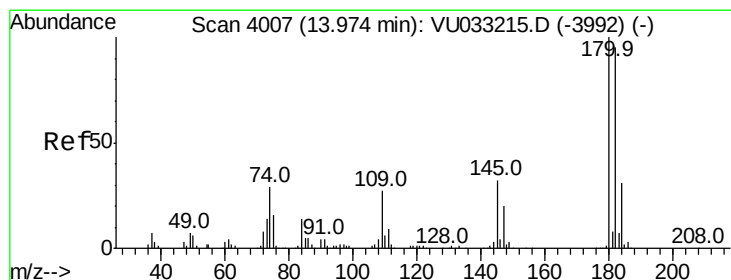
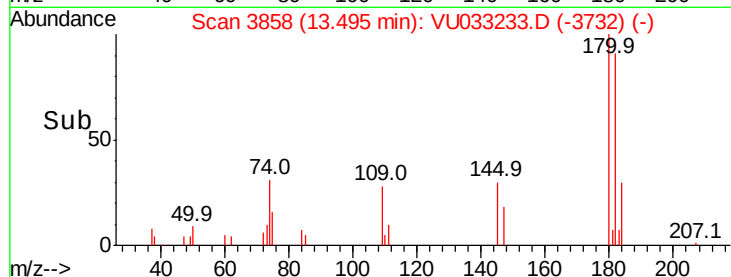
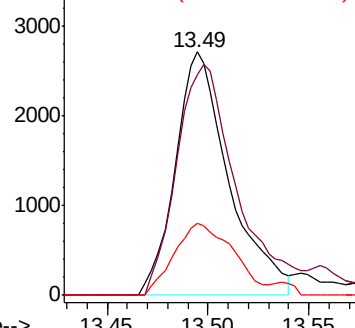
#68
 1,2,4-trichlorobenzene
 Concen: 1.905 ug/L
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.01 min
 Lab File: VU033233.D
 Acq: 12 Jul 2019 19:41

Instrument :
 MSVOA_U
 ClientSampleID :
 C0C88DL

Tot Ion:180 Resp: 5041
 Ion Ratio Lower Upper
 180 100
 182 107.5 76.5 114.7
 145 32.4 24.6 36.8

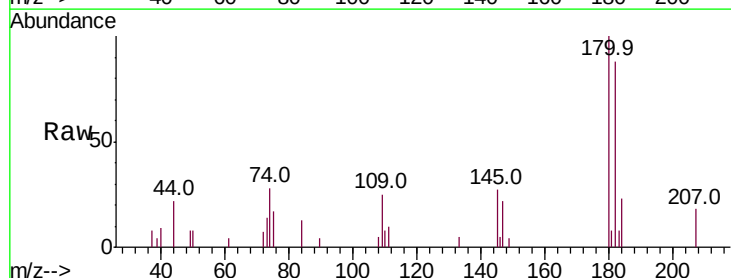


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 1.794 ug/L
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: VU033233.D
 Acq: 12 Jul 2019 19:41

Tgt Ion:180 Resp: 5153
 Ion Ratio Lower Upper
 180 100
 182 90.8 77.4 116.2
 145 28.0 26.2 39.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

