

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033574.D
 Acq On : 02 Aug 2019 16:52
 Operator : JC/SP
 Sample : K4103-16DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F7DL

Quant Time: Aug 03 01:45:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:39:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	296972	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	296303	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141668	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	130864	60.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.22%
7) Chloroethane-d5	1.67	69	112328	60.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.26%
11) 1,1-Dichloroethene-d2	2.26	63	183987	46.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.90%
21) 2-Butanone-d5	4.15	46	184857	129.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.26%
24) Chloroform-d	4.62	84	208247	57.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.08%
26) 1,2-Dichloroethane-d4	5.29	65	136082	59.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.74%
32) Benzene-d6	5.32	84	426567	58.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.14%
36) 1,2-Dichloropropane-d6	6.31	67	137665	59.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.58%
41) Toluene-d8	7.55	98	377997	54.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.84%
43) trans-1,3-Dichloropropene-	7.83	79	61494	53.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.68%
47) 2-Hexanone-d5	8.29	63	133367	122.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	200297	56.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	151066	58.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.46%

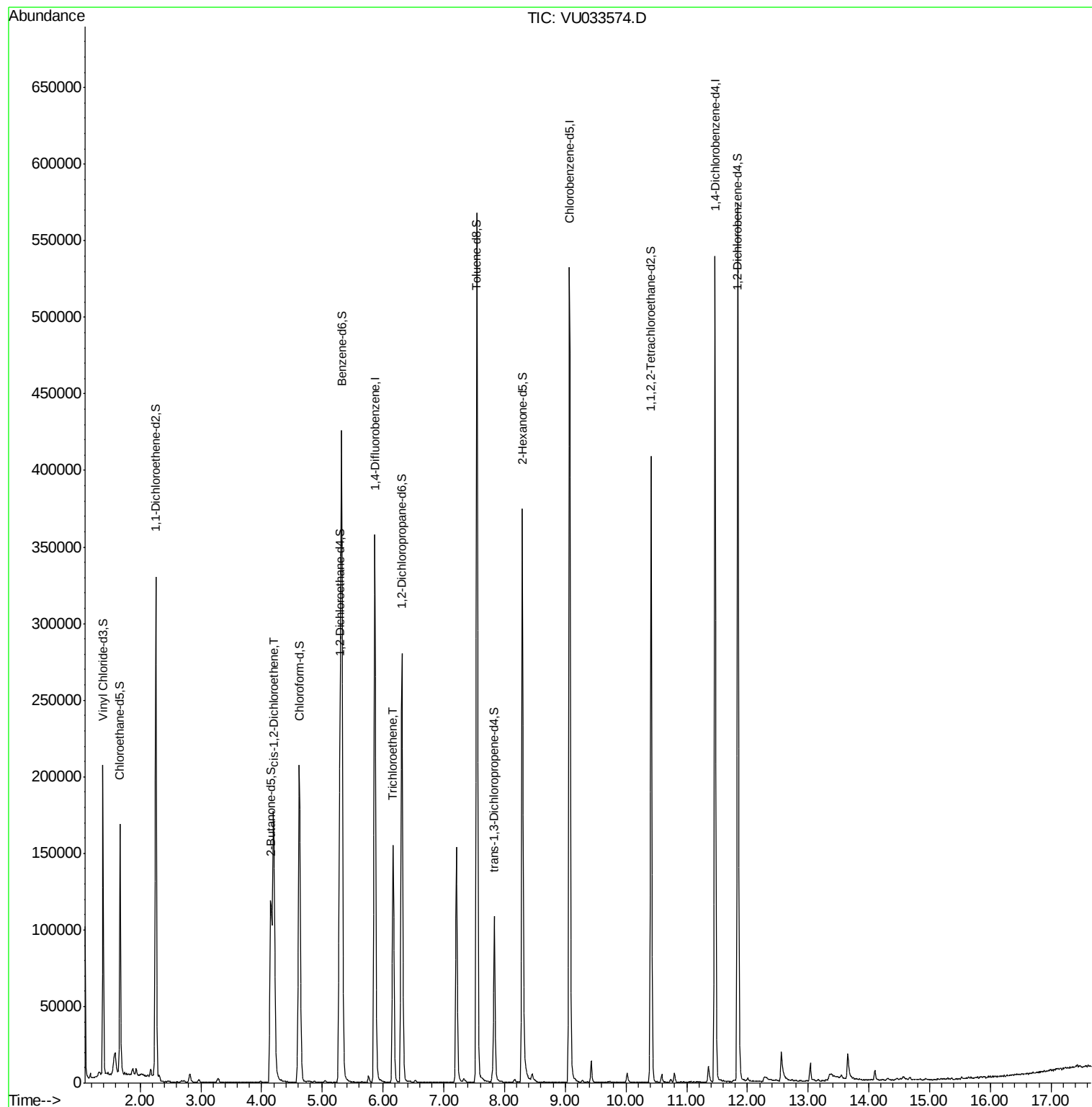
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	92119	40.733 ug/L	98
34) Trichloroethene	6.16	95	54780	24.295 ug/L	97

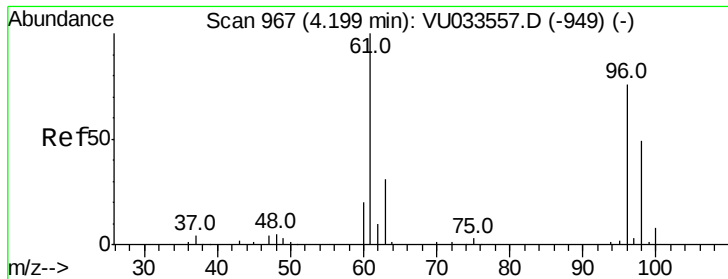
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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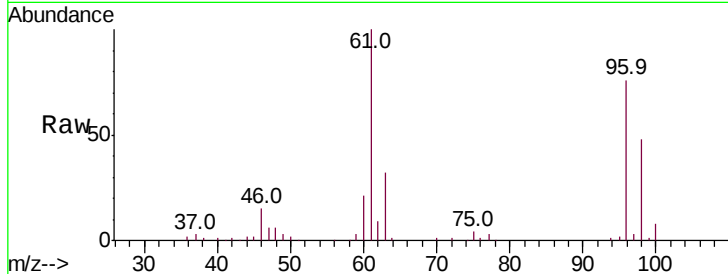


#20

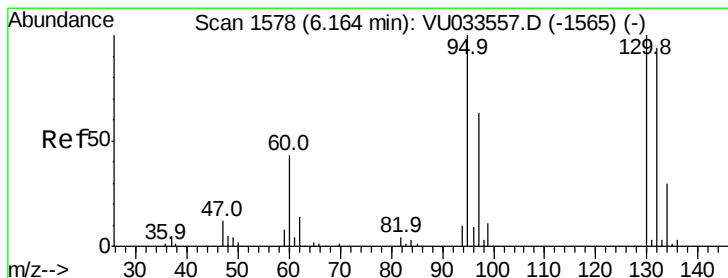
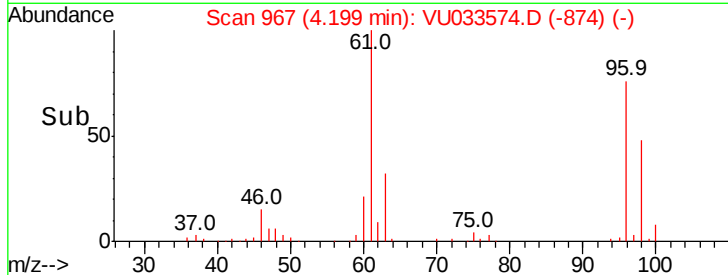
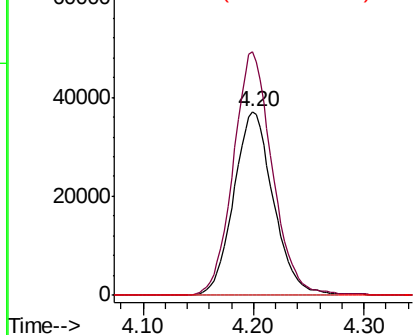
cis-1,2-Dichloroethene
 Concen: 40.733 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033574.D
 Acq: 02 Aug 2019 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F7DL

Tot Ion: 96 Resp: 92119
 Ion Ratio Lower Upper
 96 100
 61 132.3 91.3 169.6
 68 0.0 0.0 0.0



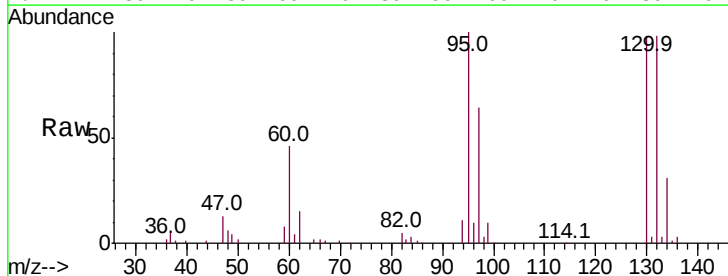
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
 Concen: 24.295 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033574.D
 Acq: 02 Aug 2019 16:52

Tgt Ion: 95 Resp: 54780
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.7 83.1
 132 98.2 66.8 124.0
 130 97.8 71.6 133.0



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

