

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037232.D
 Acq On : 13 Mar 2020 10:31
 Operator : JC/MD
 Sample : L1784-16DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 23:07:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 23:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	411648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	398736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171939	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	131729	41.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.70%
7) Chloroethane-d5	1.93	69	114390	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.06%
11) 1,1-Dichloroethene-d2	2.59	63	194280	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.48%
21) 2-Butanone-d5	4.67	46	268939	106.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.67%
24) Chloroform-d	5.11	84	285402	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
26) 1,2-Dichloroethane-d4	5.74	65	218618	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
32) Benzene-d6	5.76	84	528068	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.72	67	176132	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	7.92	98	502183	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	8.20	79	91047	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
47) 2-Hexanone-d5	8.66	63	191765	103.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.09%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	264109	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
64) 1,2-Dichlorobenzene-d4	12.21	152	185775	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%

Target Compounds

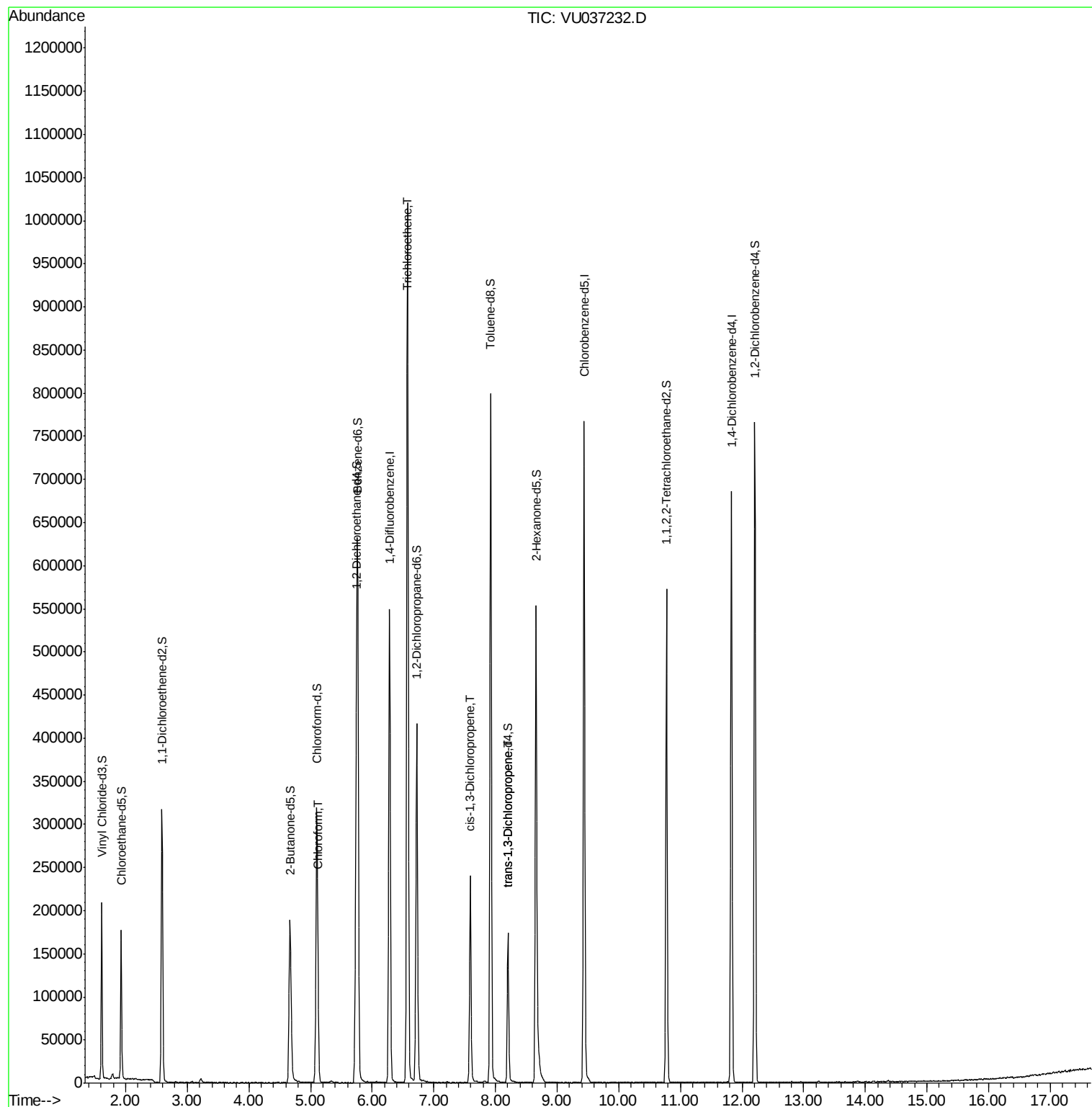
					Ovalue
25) Chloroform	5.13	83	7408	1.203 ug/L	92
34) Trichloroethene	6.57	95	338253	110.756 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	7899	1.525 ug/L	84
44) trans-1,3-Dichloropropene	8.20	75	5344	1.093 ug/L #	79

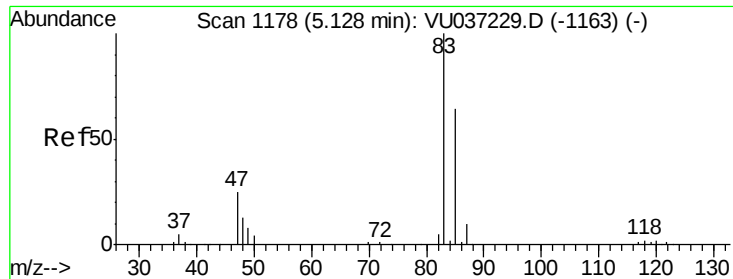
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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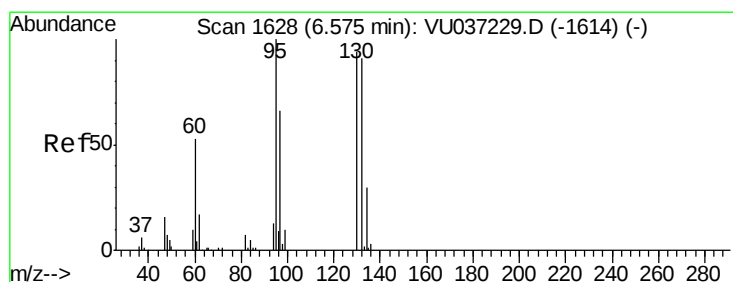
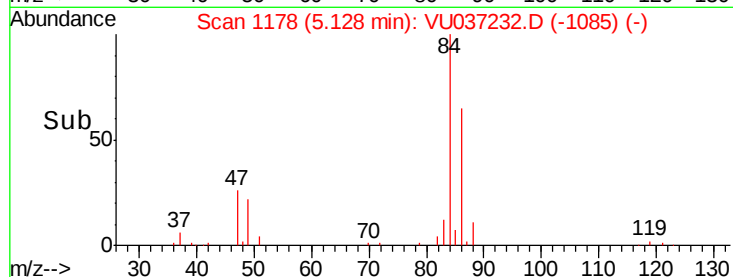
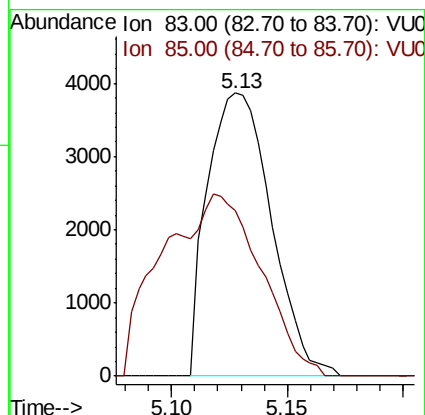
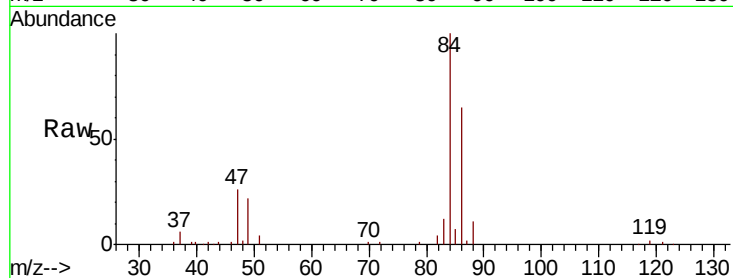




#25
Chloroform
Concen: 1.203 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037232.D
Acq: 13 Mar 2020 10:31

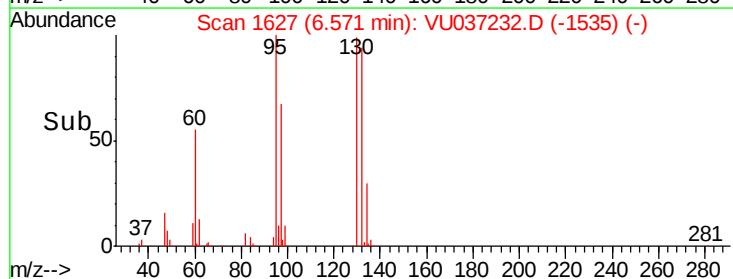
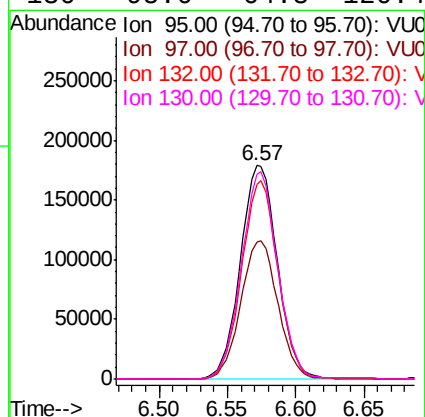
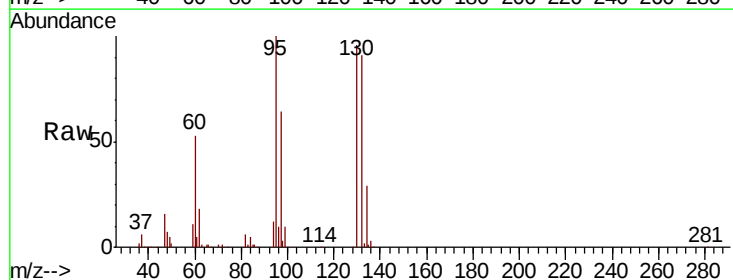
Instrument :
MSVOA_U
ClientSampleId :

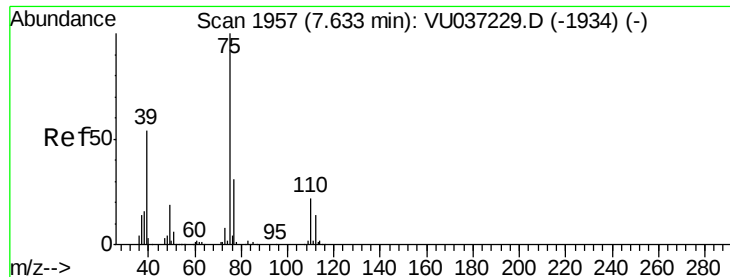
Tot Ion: 83 Resp: 7408
Ion Ratio Lower Upper
83 100
85 58.4 45.0 83.6



#34
Trichloroethene
Concen: 110.756 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037232.D
Acq: 13 Mar 2020 10:31

Tgt Ion: 95 Resp: 338253
Ion Ratio Lower Upper
95 100
97 64.1 43.8 81.4
132 90.8 62.6 116.3
130 95.6 64.8 120.4



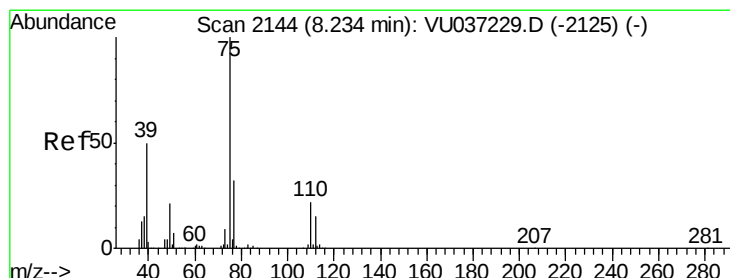
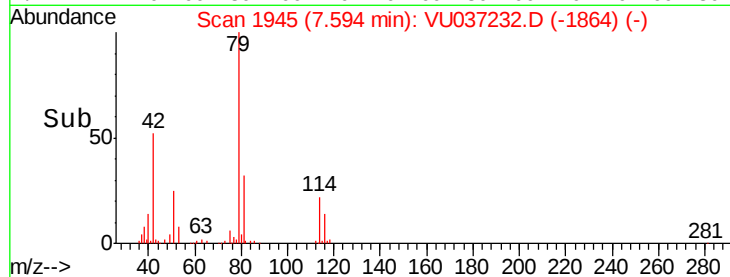
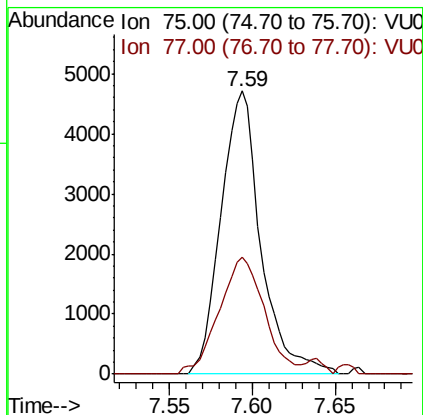
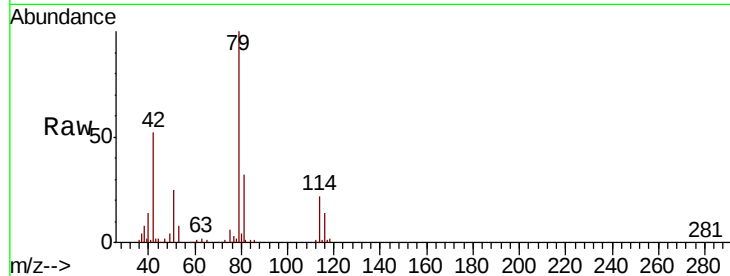


#39

cis-1,3-Dichloropropene
Concen: 1.525 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037232.D
Acq: 13 Mar 2020 10:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 7899
Ion Ratio Lower Upper
75 100
77 41.4 22.5 41.9



#44

trans-1,3-Dichloropropene
Concen: 1.093 ug/L
RT: 8.20 min Scan# 2134
Delta R.T. -0.03 min
Lab File: VU037232.D
Acq: 13 Mar 2020 10:31

Tgt Ion: 75 Resp: 5344
Ion Ratio Lower Upper
75 100
77 43.1 22.1 41.1#

