

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037197.D
 Acq On : 12 Mar 2020 18:30
 Operator : JC/MD
 Sample : L1784-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 07:34:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	407921	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	391381	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164835	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148121	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.84%
7) Chloroethane-d5	1.93	69	124144	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.54%
11) 1,1-Dichloroethene-d2	2.59	63	209356	36.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.28%
21) 2-Butanone-d5	4.67	46	276938	110.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.84%
24) Chloroform-d	5.10	84	294098	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.74	65	226217	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
32) Benzene-d6	5.76	84	543276	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
36) 1,2-Dichloropropane-d6	6.72	67	180759	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.50%
41) Toluene-d8	7.92	98	508330	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%
43) trans-1,3-Dichloropropene-	8.20	79	93047	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.94%
47) 2-Hexanone-d5	8.66	63	190195	104.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	265824	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	12.21	152	187601	54.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.74%

Target Compounds

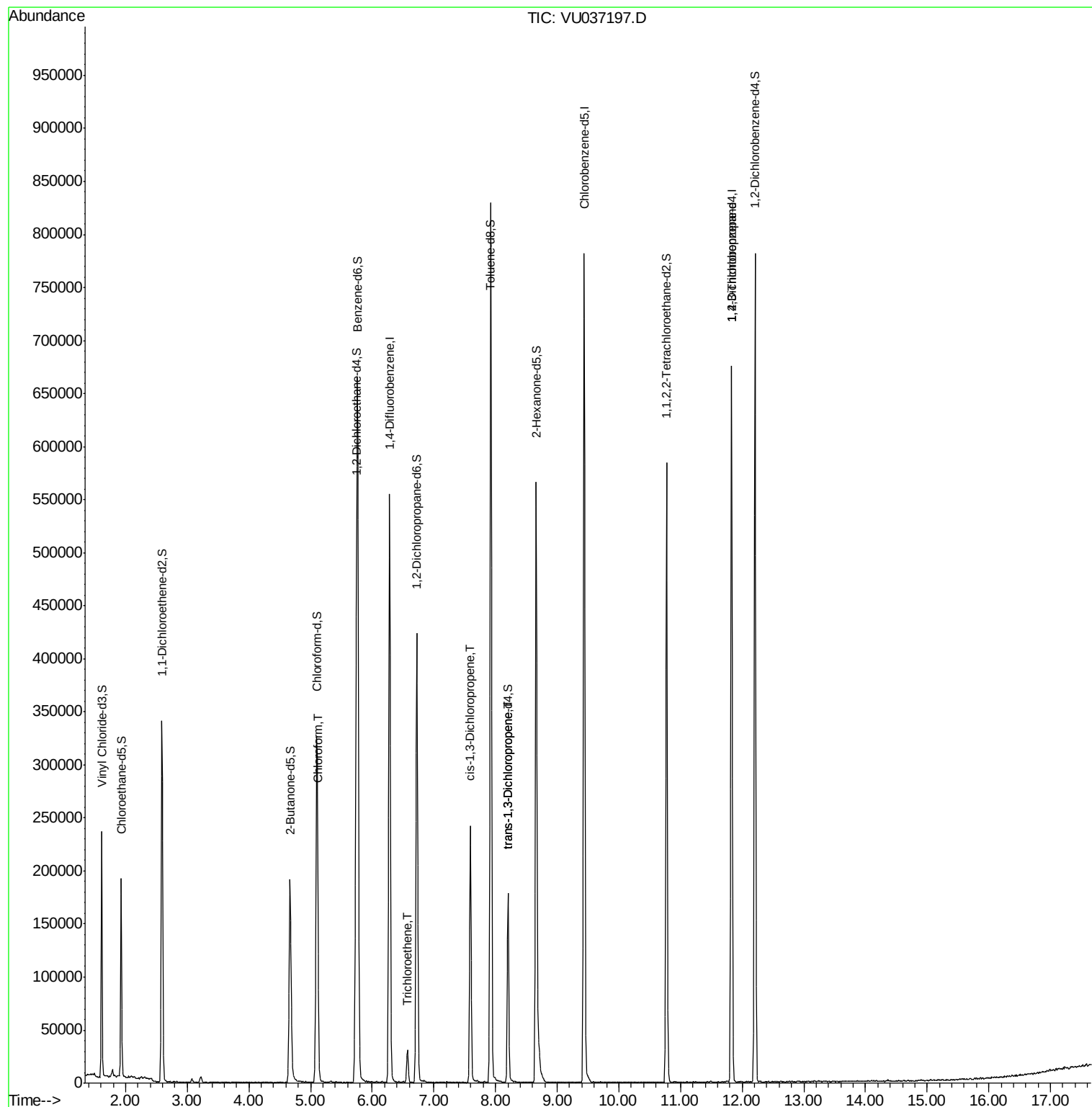
					Ovalue
25) Chloroform	5.12	83	5014	0.822 ug/L	85
34) Trichloroethene	6.57	95	8964	2.990 ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	6982	1.373 ug/L #	81
44) trans-1,3-Dichloropropene	8.20	75	5408	1.127 ug/L	95
59) 1,2,3-Trichloropropane	11.83	75	22715	4.983 ug/L #	86

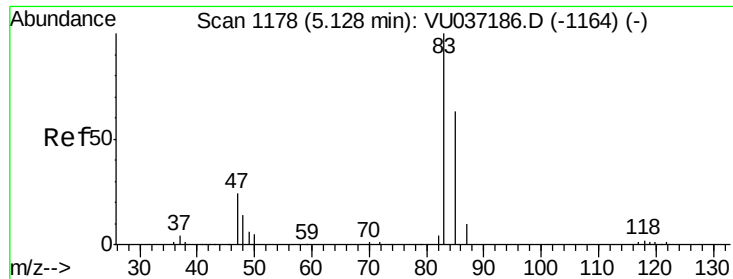
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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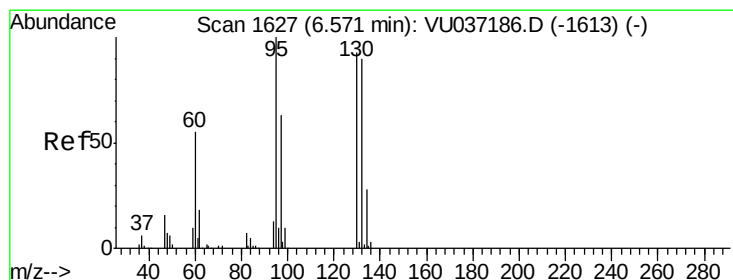
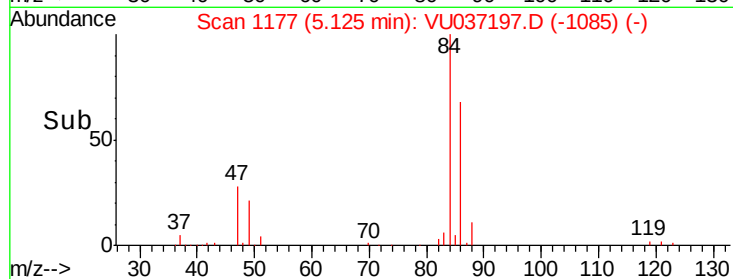
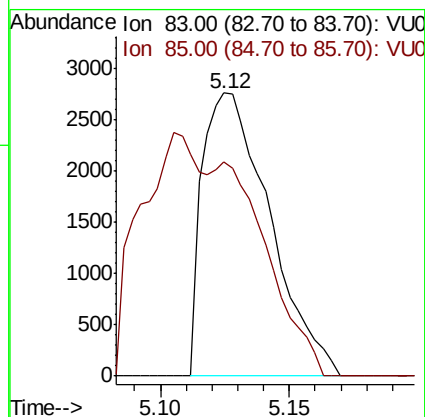
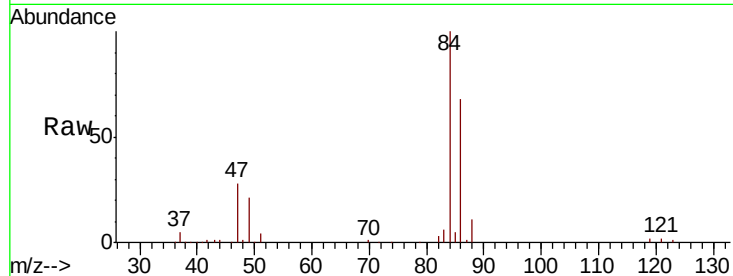




#25
Chloroform
Concen: 0.822 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037197.D
Acq: 12 Mar 2020 18:30

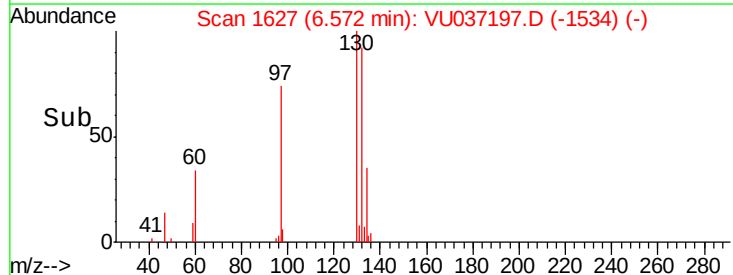
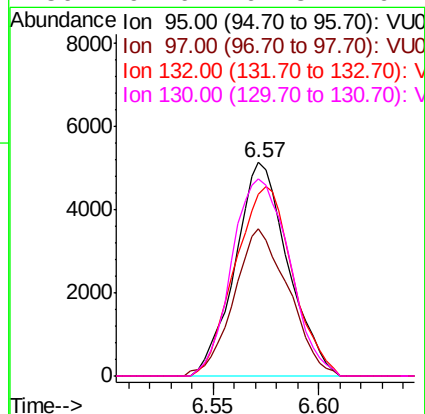
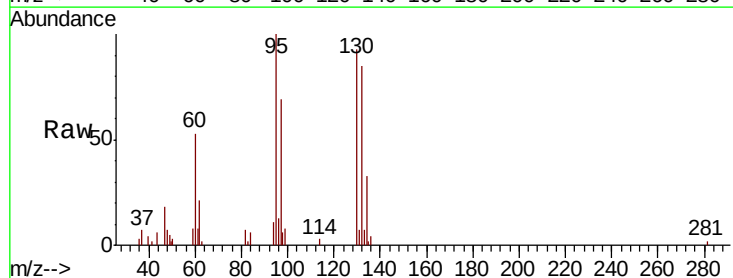
Instrument :
MSVOA_U
ClientSampleId :

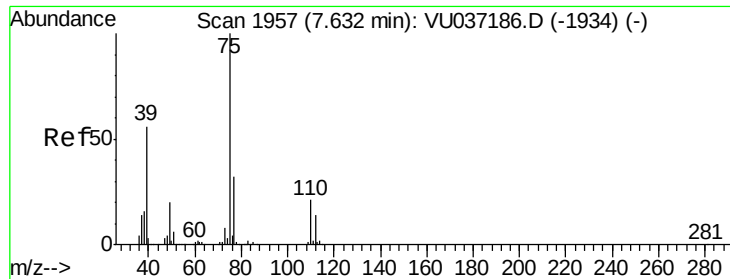
Tot Ion: 83 Resp: 5014
Ion Ratio Lower Upper
83 100
85 75.7 45.0 83.6



#34
Trichloroethene
Concen: 2.990 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037197.D
Acq: 12 Mar 2020 18:30

Tgt Ion: 95 Resp: 8964
Ion Ratio Lower Upper
95 100
97 68.8 43.8 81.4
132 85.4 62.6 116.3
130 92.6 64.8 120.4

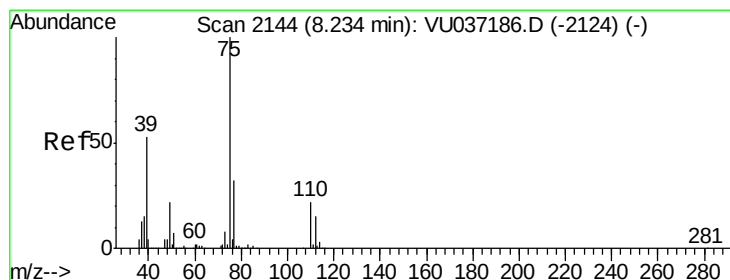
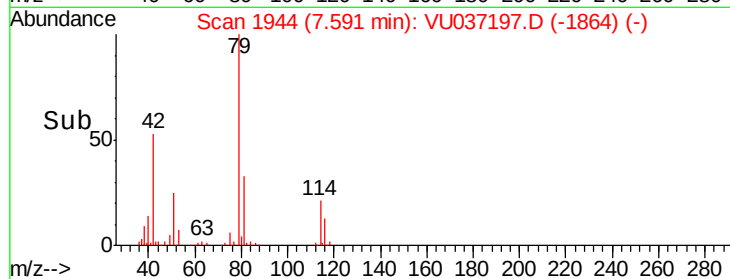
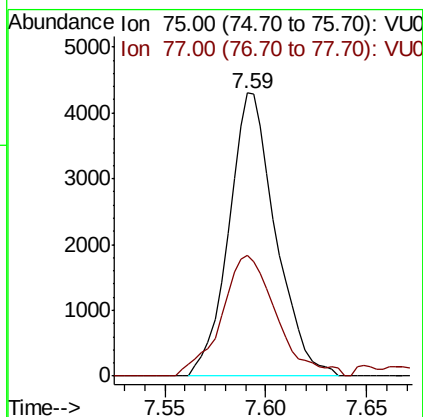
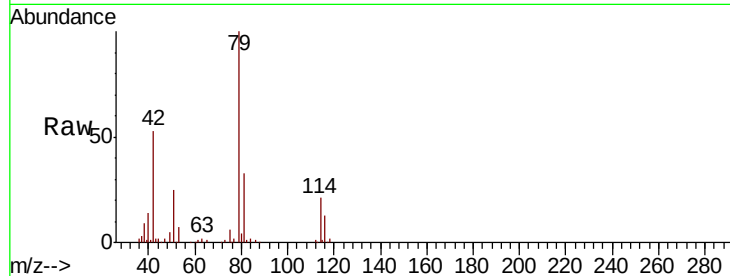




#39
 cis-1,3-Dichloropropene
 Concen: 1.373 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037197.D
 Acq: 12 Mar 2020 18:30

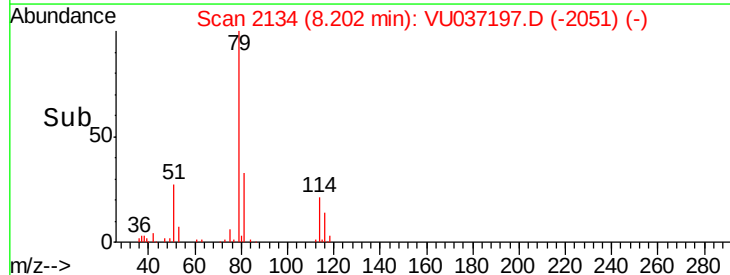
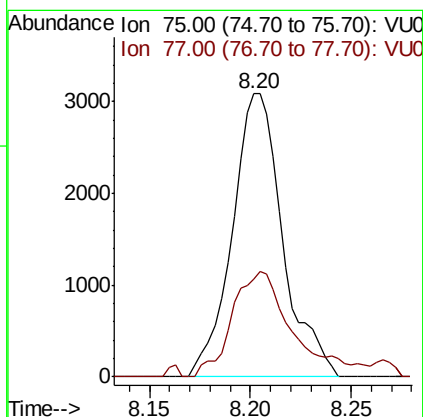
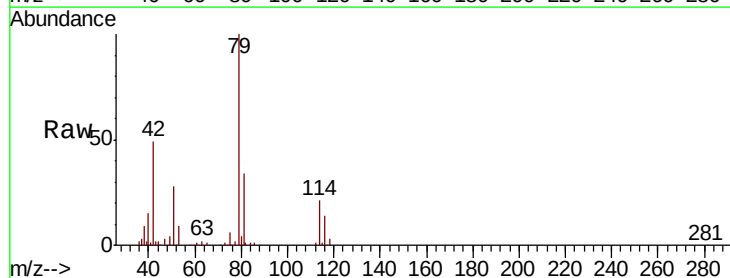
Instrument :
 MSVOA_U
 ClientSampleId :

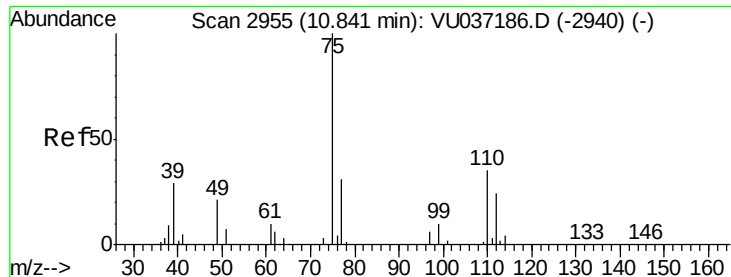
Tot Ion: 75 Resp: 6982
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 1.127 ug/L
 RT: 8.20 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: VU037197.D
 Acq: 12 Mar 2020 18:30

Tgt Ion: 75 Resp: 5408
 Ion Ratio Lower Upper
 75 100
 77 34.5 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 4.983 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037197.D

Acq: 12 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 22715

Ion Ratio Lower Upper

75 100

77 39.1 25.0 37.6#

