

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037230.D
 Acq On : 13 Mar 2020 09:37
 Operator : JC/MD
 Sample : VU0312WBL03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 23:07:17 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	397838	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	392033	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166123	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143268	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.06%
7) Chloroethane-d5	1.93	69	123719	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.68%
11) 1,1-Dichloroethene-d2	2.59	63	203261	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	4.67	46	265388	108.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.91%
24) Chloroform-d	5.10	84	279275	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	5.74	65	214728	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
32) Benzene-d6	5.76	84	524850	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.72	67	174371	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.92	98	494883	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%
43) trans-1,3-Dichloropropene-	8.20	79	92670	48.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.38%
47) 2-Hexanone-d5	8.66	63	187492	102.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.51%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	257162	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	178964	51.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.88%

Target Compounds

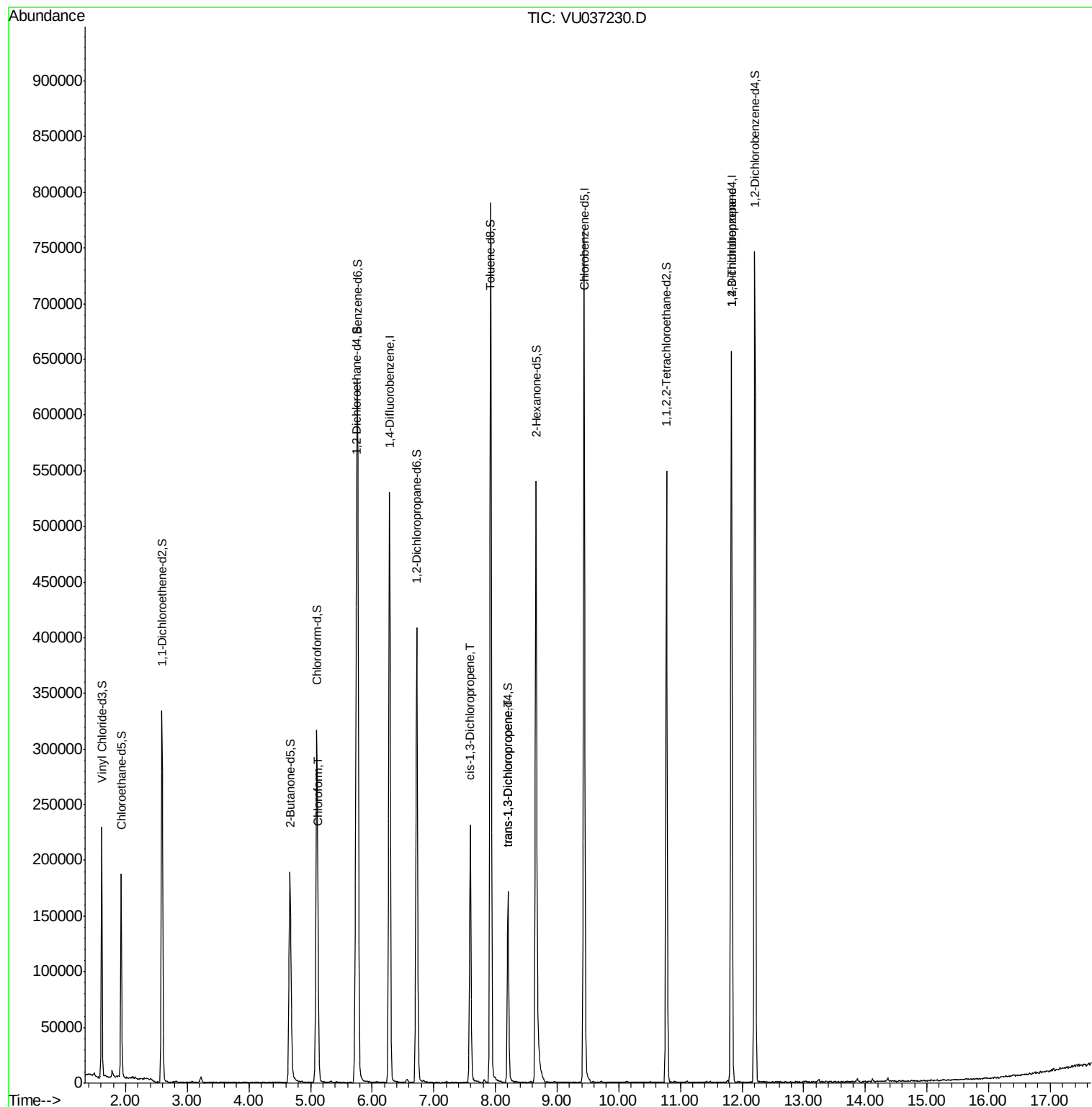
					Ovalue
25) Chloroform	5.13	83	11851	1.991 ug/L	91
39) cis-1,3-Dichloropropene	7.59	75	7399	1.453 ug/L #	70
44) trans-1,3-Dichloropropene	8.20	75	5494	1.143 ug/L	88
59) 1,2,3-Trichloropropane	11.83	75	22821	4.998 ug/L	90

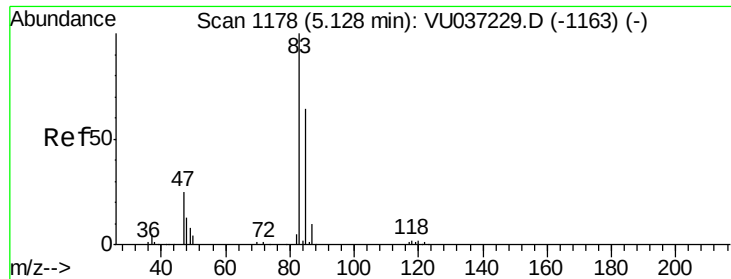
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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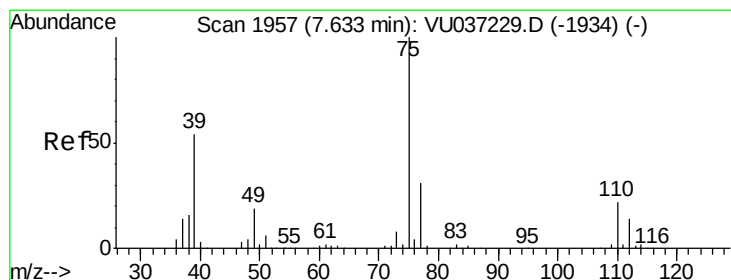
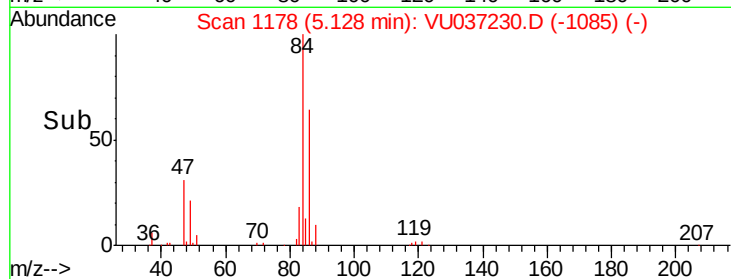
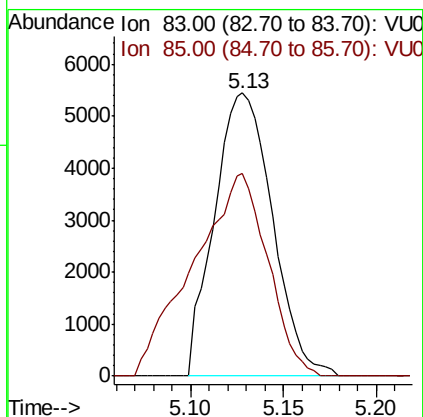
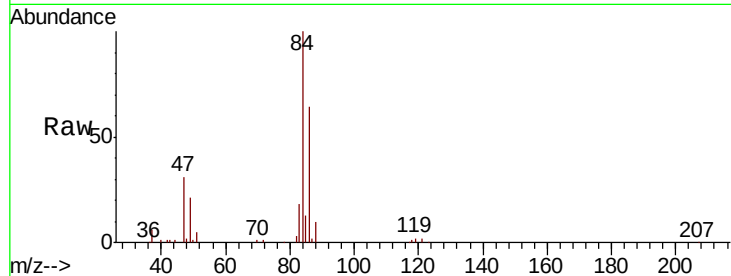




#25
Chloroform
Concen: 1.991 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037230.D
Acq: 13 Mar 2020 09:37

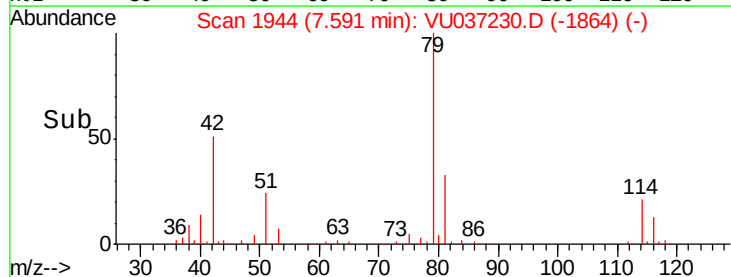
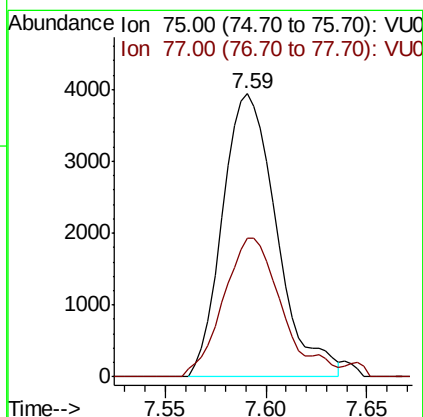
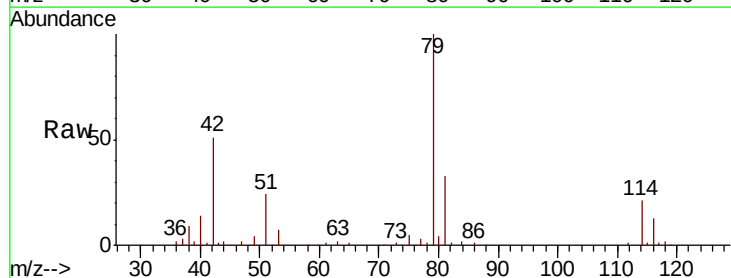
Instrument :
MSVOA_U
ClientSampleId :

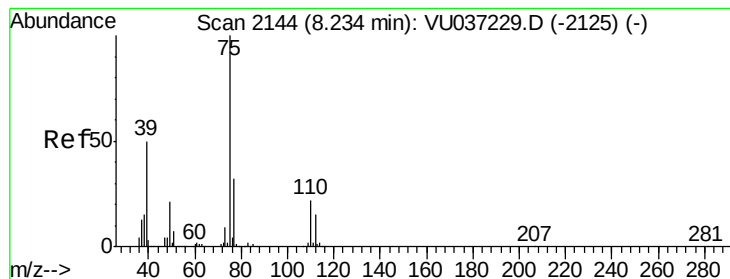
Tot Ion: 83 Resp: 11851
Ion Ratio Lower Upper
83 100
85 71.5 45.0 83.6



#39
cis-1,3-Dichloropropene
Concen: 1.453 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037230.D
Acq: 13 Mar 2020 09:37

Tgt Ion: 75 Resp: 7399
Ion Ratio Lower Upper
75 100
77 48.9 22.5 41.9#





#44

trans-1,3-Dichloropropene

Concen: 1.143 ug/L

RT: 8.20 min Scan# 2134

Delta R.T. -0.03 min

Lab File: VU037230.D

Acq: 13 Mar 2020 09:37

Instrument :

MSVOA_U

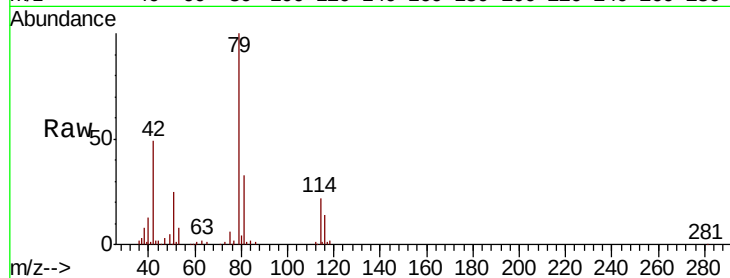
ClientSampleId :

Tot Ion: 75 Resp: 5494

Ion Ratio Lower Upper

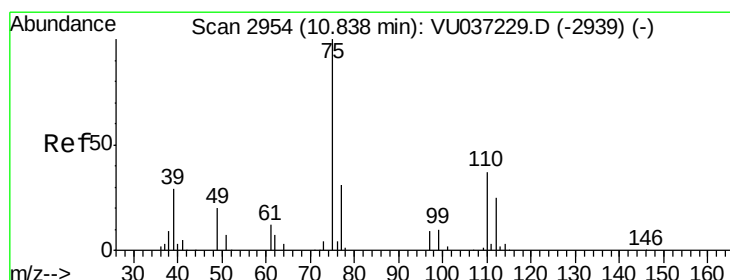
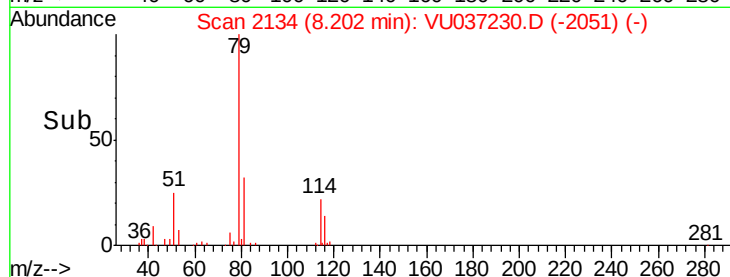
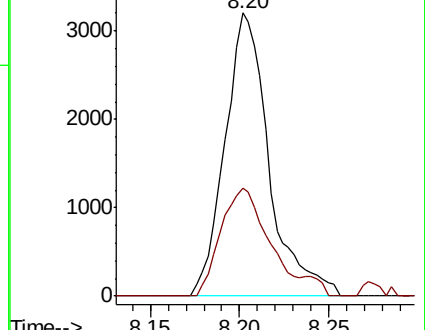
75 100

77 38.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU037229.D (-2125) (-)

Ion 77.00 (76.70 to 77.70): VU037229.D (-2125) (-)



#59

1,2,3-Trichloropropane

Concen: 4.998 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037230.D

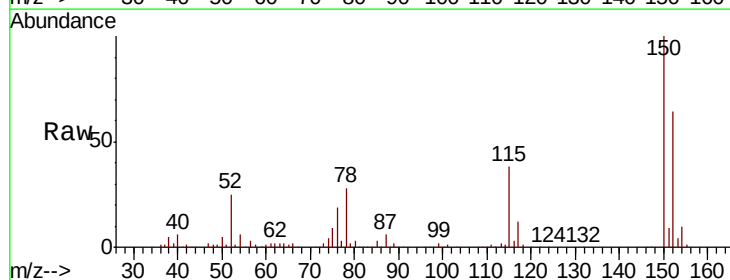
Acq: 13 Mar 2020 09:37

Tgt Ion: 75 Resp: 22821

Ion Ratio Lower Upper

75 100

77 37.1 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU037229.D (-2939) (-)

Ion 77.00 (76.70 to 77.70): VU037229.D (-2939) (-)

