

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037225.D
 Acq On : 13 Mar 2020 05:32
 Operator : JC/MD
 Sample : L1886-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:32:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	414883	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	400614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	170321	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132566	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.56%
7) Chloroethane-d5	1.93	69	117601	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.86%
11) 1,1-Dichloroethene-d2	2.59	63	193850	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	4.67	46	258431	101.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	5.10	84	281125	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	5.74	65	211913	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
32) Benzene-d6	5.76	84	513699	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
36) 1,2-Dichloropropane-d6	6.72	67	169913	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.14%
41) Toluene-d8	7.92	98	480939	45.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.24%
43) trans-1,3-Dichloropropene-	8.20	79	85240	43.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.76%
47) 2-Hexanone-d5	8.66	63	176575	94.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.47%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	255564	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	177824	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%

Target Compounds

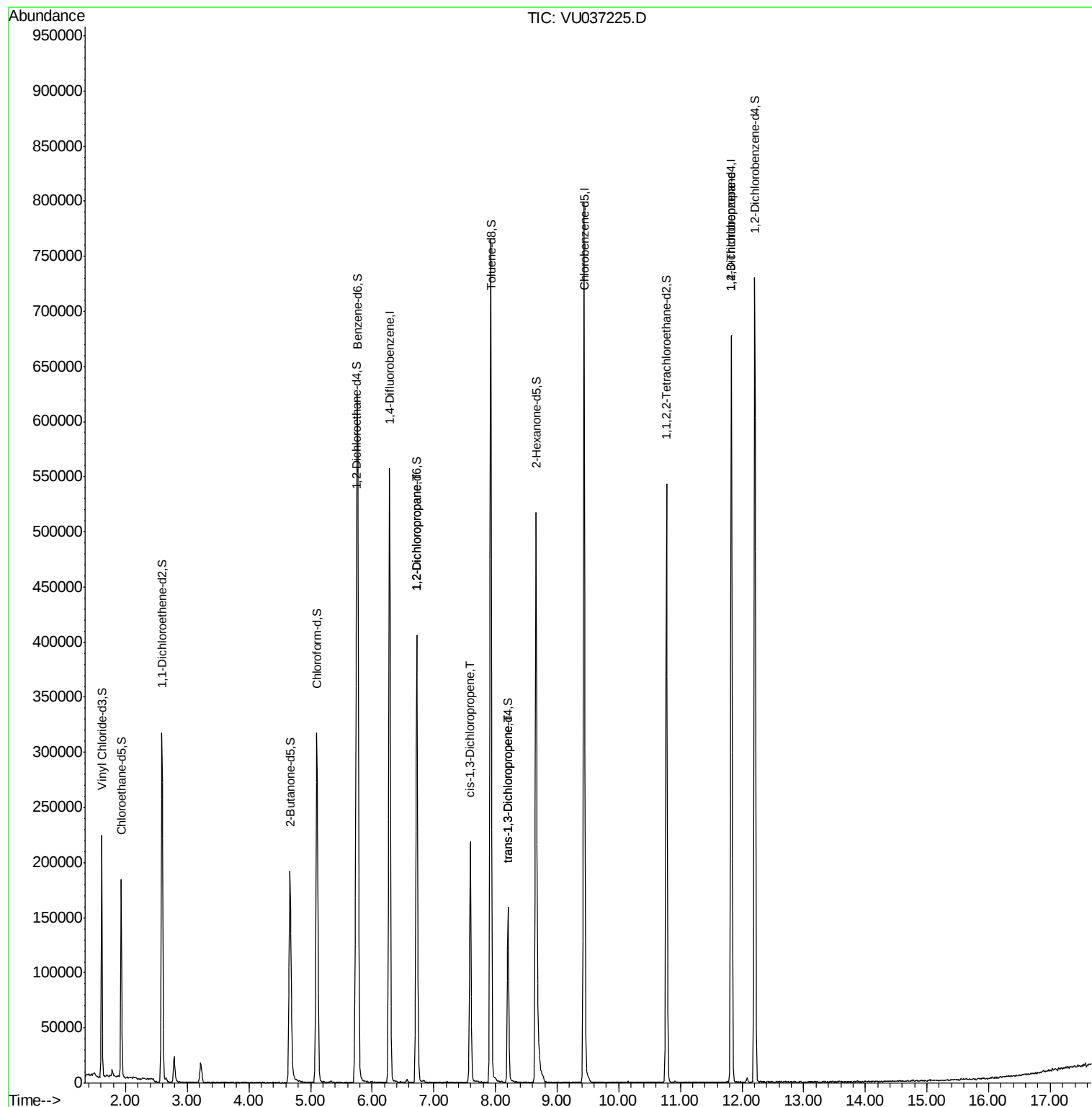
					Ovalue
37) 1,2-Dichloropropane	6.73	63	22081	6.579 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	7016	1.348 ug/L #	69
44) trans-1,3-Dichloropropene	8.20	75	4768	0.970 ug/L	89
59) 1,2,3-Trichloropropane	11.83	75	22387	4.798 ug/L #	84

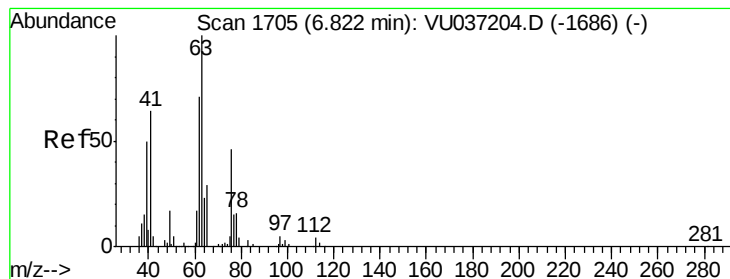
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 6.579 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037225.D

Acq: 13 Mar 2020 05:32

Instrument :

MSVOA_U

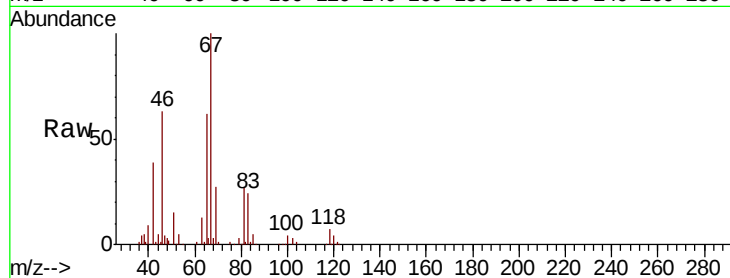
ClientSampled :

Tot Ion: 63 Resp: 22081

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU037204.D (-1686) (-)

Ion 112.00 (111.70 to 112.70): VU037204.D (-1686) (-)

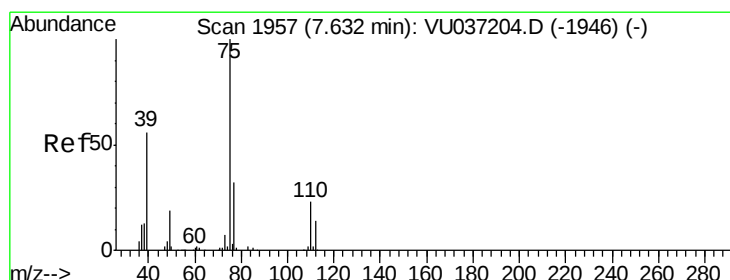
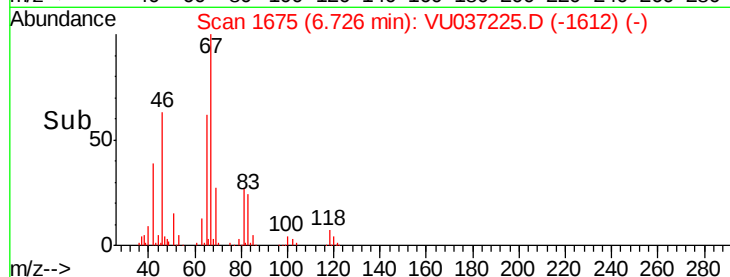
6.73

10000

5000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.348 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037225.D

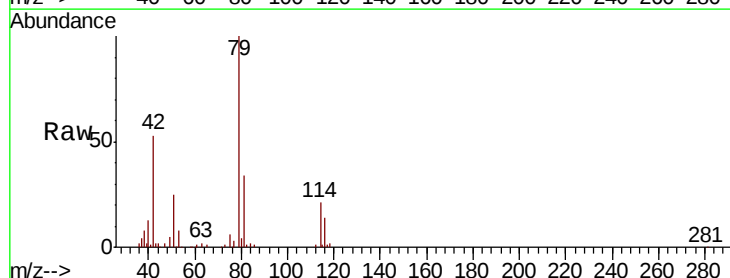
Acq: 13 Mar 2020 05:32

Tgt Ion: 75 Resp: 7016

Ion Ratio Lower Upper

75 100

77 49.7 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU037204.D (-1946) (-)

Ion 77.00 (76.70 to 77.70): VU037204.D (-1946) (-)

7.59

4000

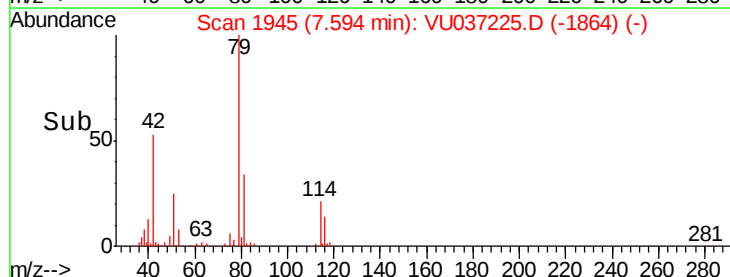
3000

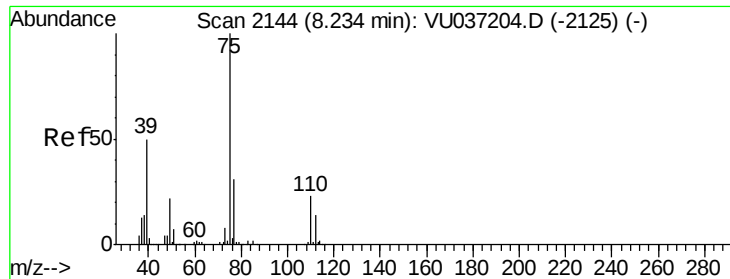
2000

1000

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU037225.D

Acq: 13 Mar 2020 05:32

Instrument :

MSVOA_U

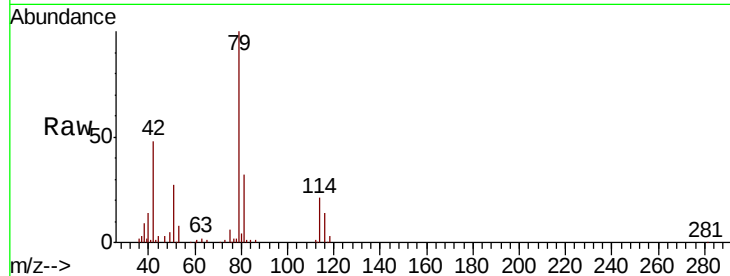
ClientSampleId :

Tot Ion: 75 Resp: 4768

Ion Ratio Lower Upper

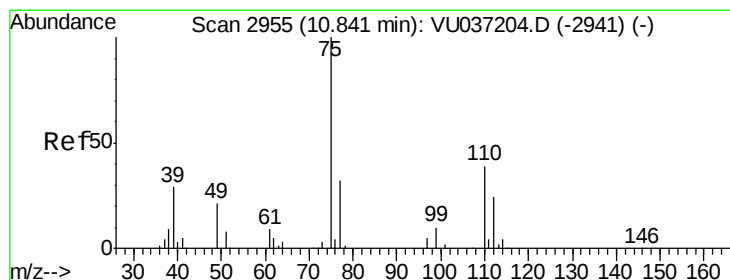
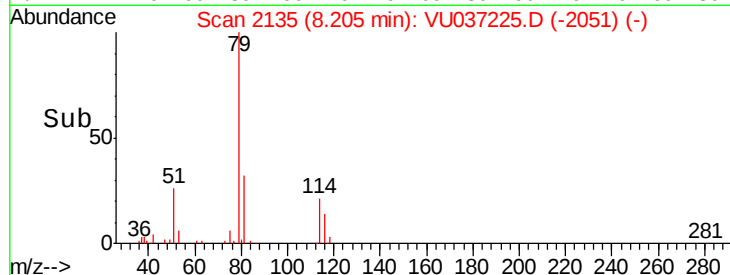
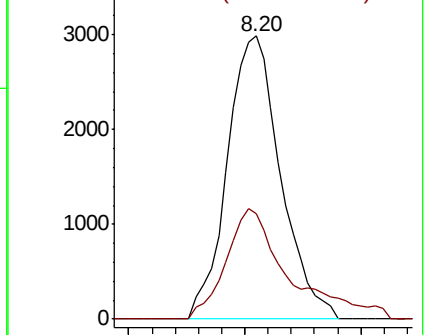
75 100

77 37.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU037204.D (-2125) (-)

Ion 77.00 (76.70 to 77.70): VU037204.D (-2125) (-)



#59

1,2,3-Trichloropropane

Concen: 4.798 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037225.D

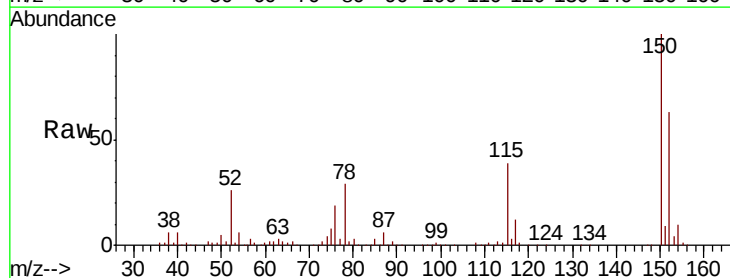
Acq: 13 Mar 2020 05:32

Tgt Ion: 75 Resp: 22387

Ion Ratio Lower Upper

75 100

77 40.3 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU037204.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU037204.D (-2941) (-)

