

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038905.D
 Acq On : 15 Jun 2020 20:37
 Operator : SY/MD
 Sample : L2975-10DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q4DL

Quant Time: Jun 16 03:37:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	289742	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136185	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85121	5.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.00%
7) Chloroethane-d5	1.93	69	82048	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.80%
11) 1,1-Dichloroethene-d2	2.58	63	172496	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	4.69	46	331090	63.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.72%
24) Chloroform-d	5.10	84	182940	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.74	65	110267	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.76	84	356884	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.72	67	110226	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.92	98	297431	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.20	79	44873	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.67	63	274179	61.65	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105652	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	125287	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

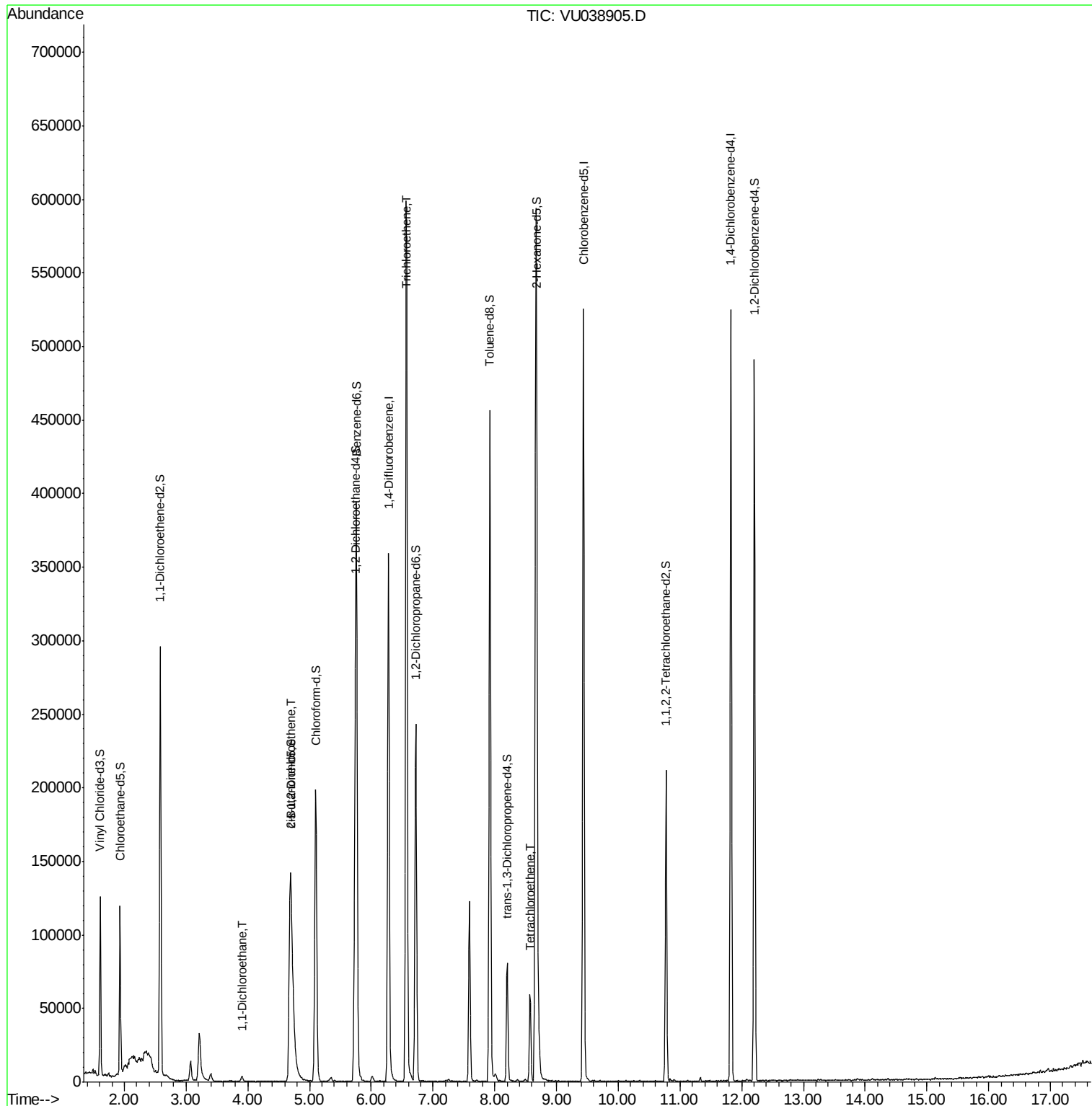
Target Compounds

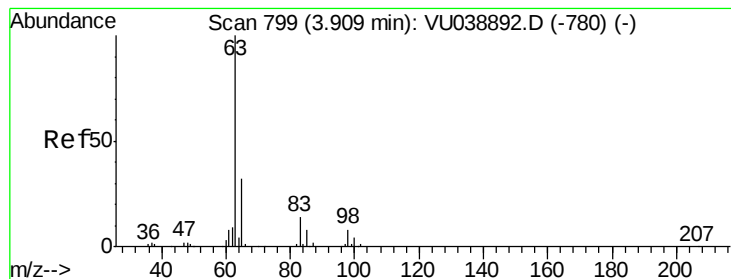
					Ovalue
19) 1,1-Dichloroethane	3.90	63	4332	0.109 ug/L #	84
22) cis-1,2-Dichloroethene	4.70	96	4115	0.181 ug/L	82
34) Trichloroethene	6.57	95	202009	8.855 ug/L	98
47) Tetrachloroethene	8.57	164	13191	0.754 ug/L	94

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

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ALS Vial  : 1    Sample Multiplier: 1
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#19

1,1-Dichloroethane

Concen: 0.109 ug/L

RT: 3.90 min Scan# 795

Delta R.T. -0.01 min

Lab File: VU038905.D

Acq: 15 Jun 2020 20:37

Instrument :

MSVOA_U

ClientSampleId :

BF8Q4DL

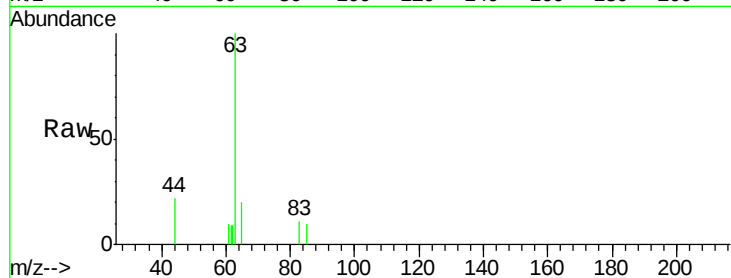
Tot Ion: 63 Resp: 4332

Ion Ratio Lower Upper

63 100

65 19.6 21.3 39.6#

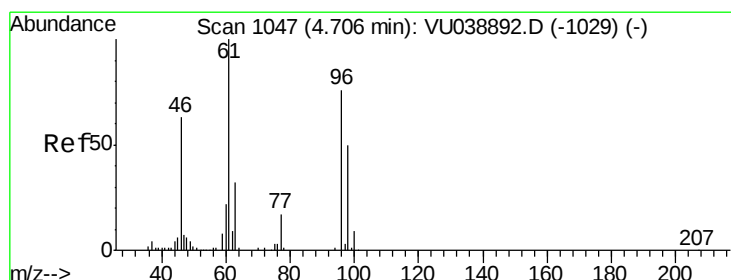
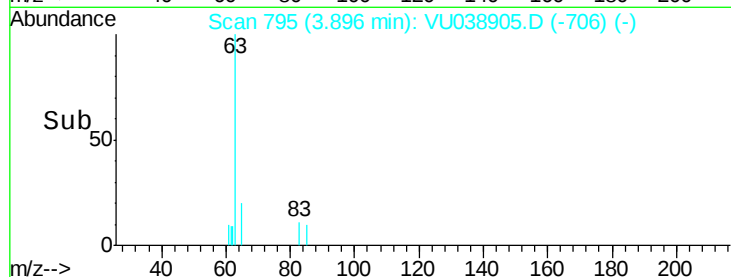
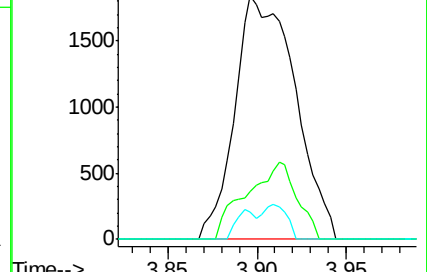
83 11.0 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VU038892.D (-780) (-)

Ion 65.10 (64.80 to 65.80): VU038892.D (-780) (-)

Ion 83.05 (82.75 to 83.75): VU038892.D (-780) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.181 ug/L

RT: 4.70 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VU038905.D

Acq: 15 Jun 2020 20:37

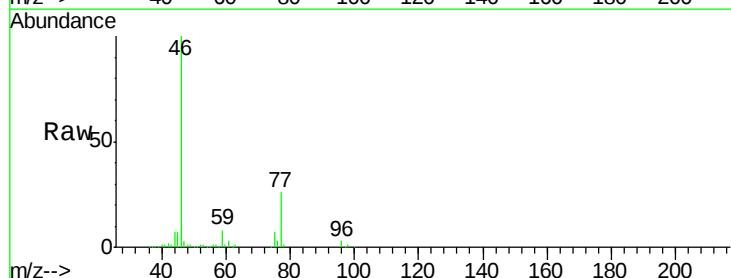
Tgt Ion: 96 Resp: 4115

Ion Ratio Lower Upper

96 100

61 108.5 90.5 168.1

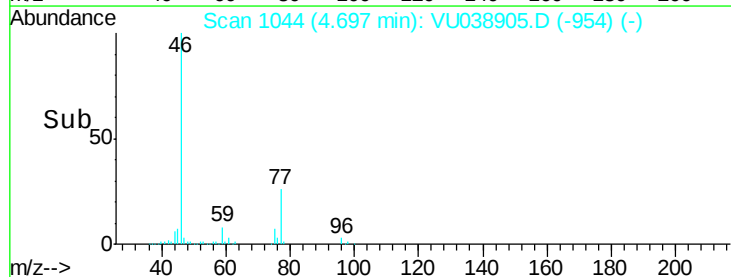
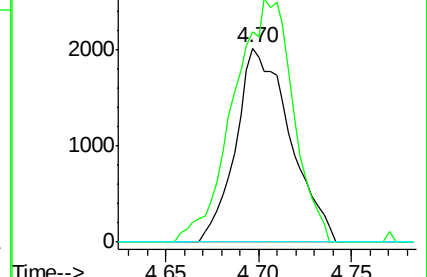
68 0.0 0.0 0.0

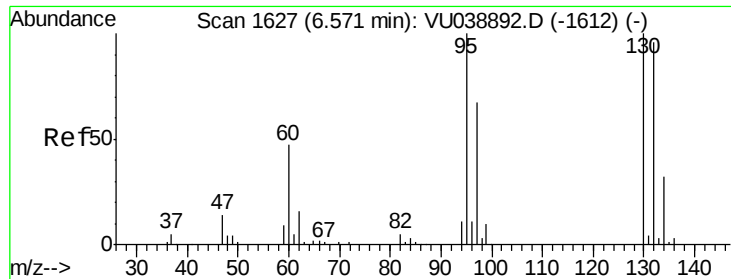


Abundance Ion 96.00 (95.70 to 96.70): VU038892.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU038892.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038892.D (-1029) (-)

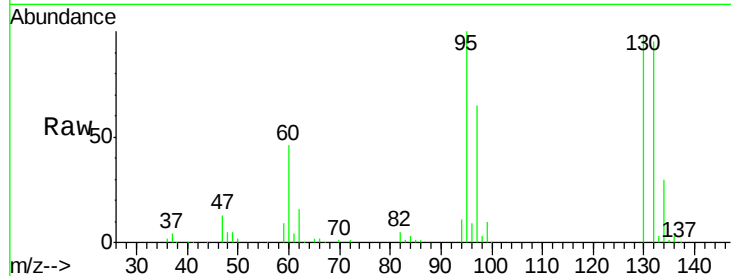




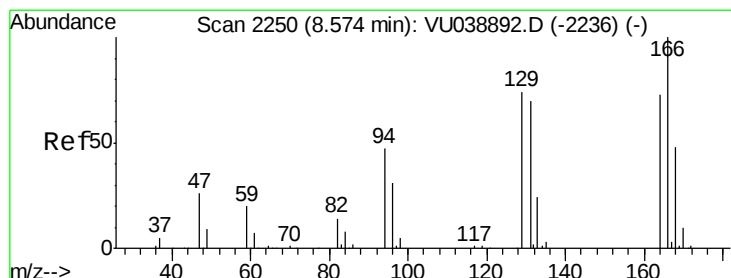
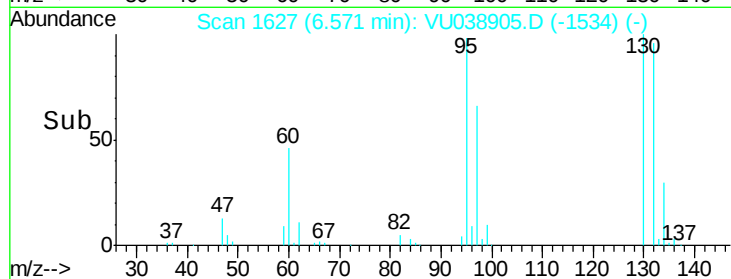
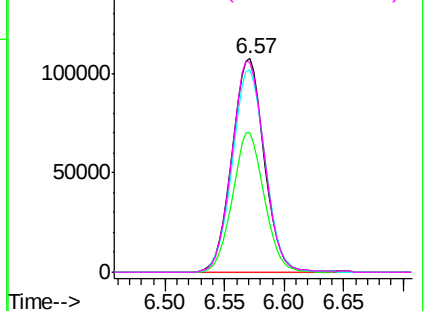
#34
 Trichloroethene
 Concen: 8.855 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038905.D
 Acq: 15 Jun 2020 20:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q4DL

Tot Ion:	95	Resp:	202009
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.1	85.5
132	94.6	68.2	126.6
130	98.4	71.0	131.9

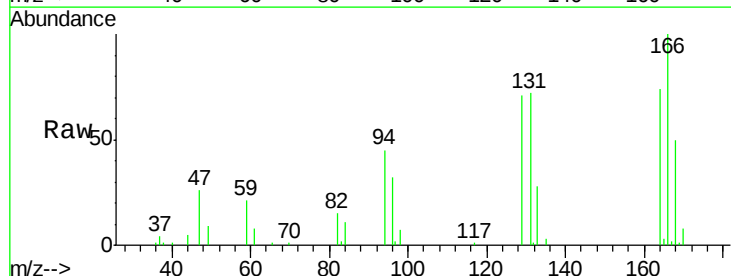


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 0.754 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU038905.D
 Acq: 15 Jun 2020 20:37

Tgt Ion:	164	Resp:	13191
Ion	Ratio	Lower	Upper
164	100		
129	96.0	65.5	121.7
131	97.6	63.9	118.7
166	134.8	87.9	163.3



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

