

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051520\
 Data File : VU038193.D
 Acq On : 15 May 2020 13:21
 Operator : JC/MD
 Sample : L2631-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8N4DL

Quant Time: May 16 05:26:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	339349	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	330504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	156439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	114057	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.93	69	116735	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	153791	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.67	46	417233	54.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.96%
24) Chloroform-d	5.10	84	220250	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	130338	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	459497	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	155039	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.92	98	396233	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	54444	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.65	63	338464	55.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125162	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	150972	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

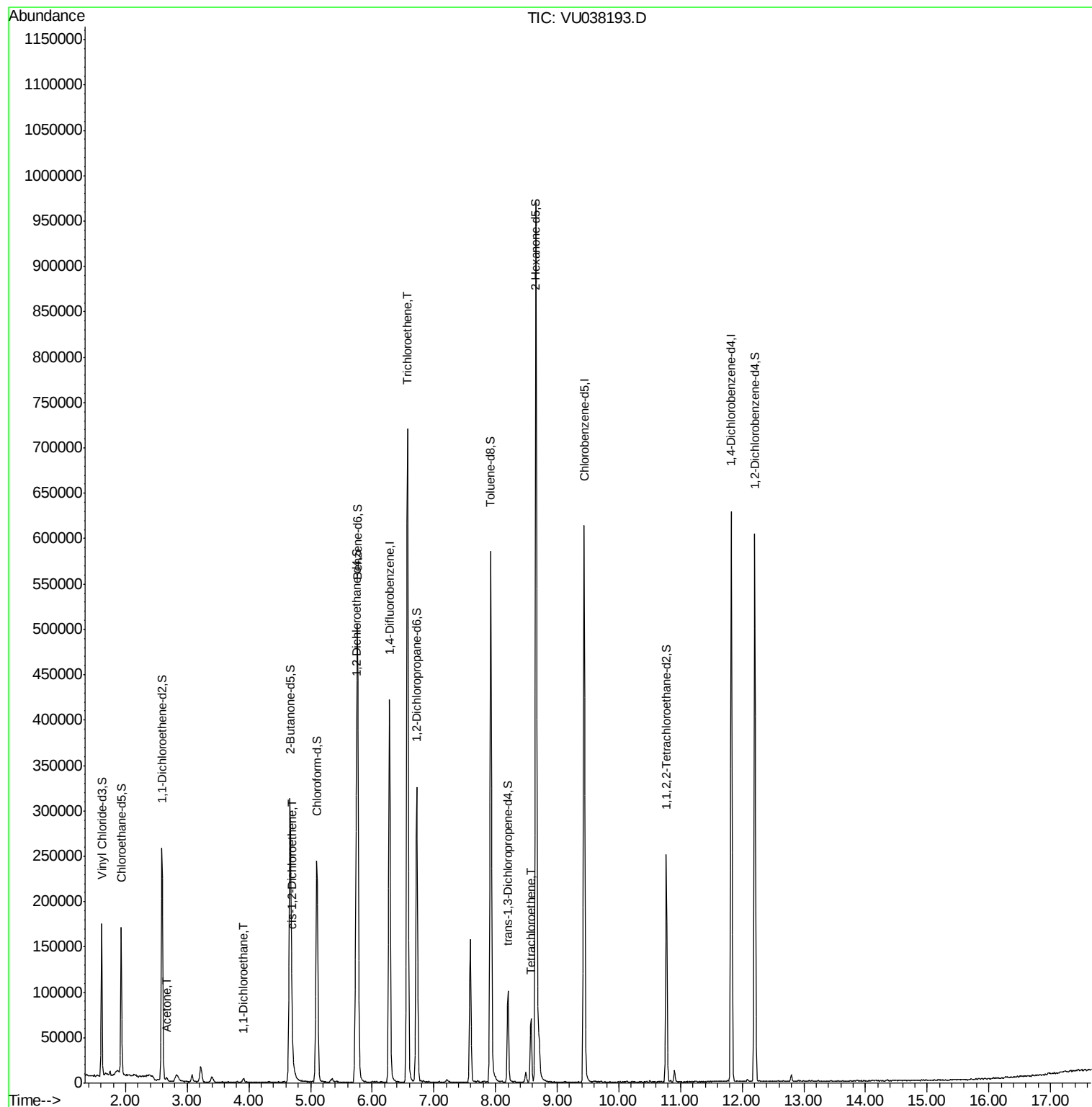
					Qvalue
13) Acetone	2.66	43	5305	1.10 ug/L	98
19) 1,1-Dichloroethane	3.91	63	5231	0.10 ug/L	95
22) cis-1,2-Dichloroethene	4.70	96	4924	0.18 ug/L	93
34) Trichloroethene	6.57	95	246521	9.31 ug/L	98
47) Tetrachloroethene	8.57	164	15521	0.84 ug/L	95

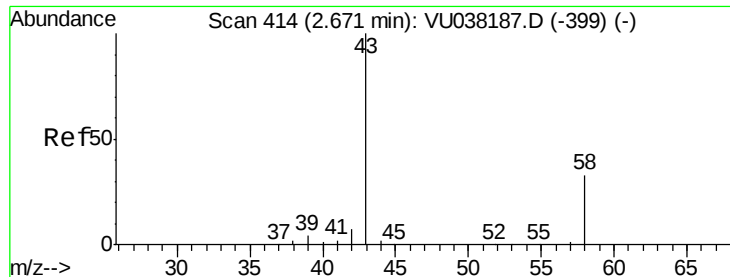
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.10 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU038193.D

Acq: 15 May 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

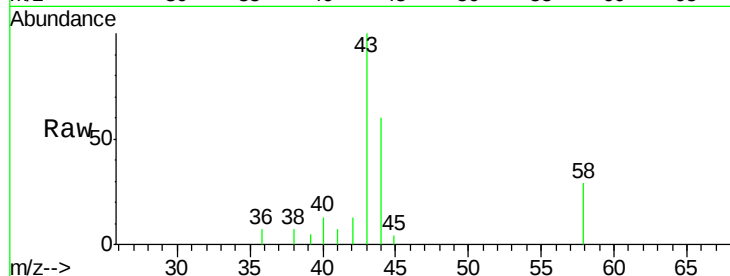
BF8N4DL

Tgt Ion: 43 Resp: 5305

Ion Ratio Lower Upper

43 100

58 31.0 0.0 63.6

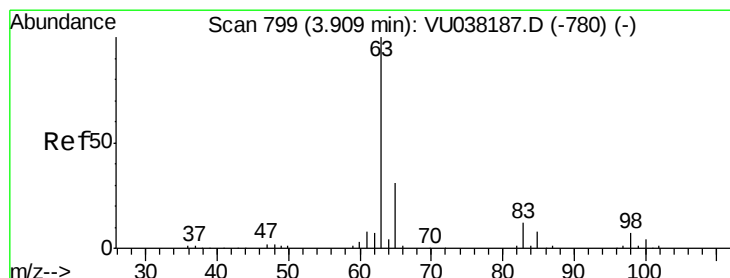
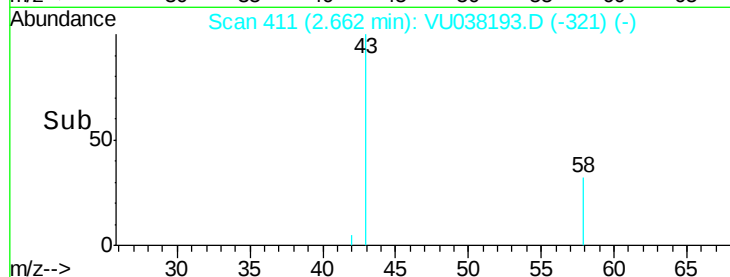


Abundance Ion 43.05 (42.75 to 43.75): VU038187.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038187.D (-399) (-)

2.66

Time-->



#19

1,1-Dichloroethane

Concen: 0.10 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU038193.D

Acq: 15 May 2020 13:21

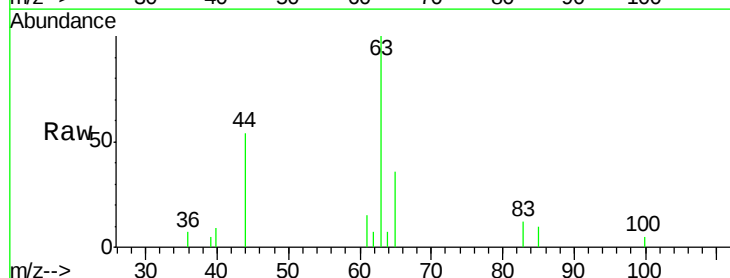
Tgt Ion: 63 Resp: 5231

Ion Ratio Lower Upper

63 100

65 36.2 22.5 41.7

83 12.5 8.9 16.5



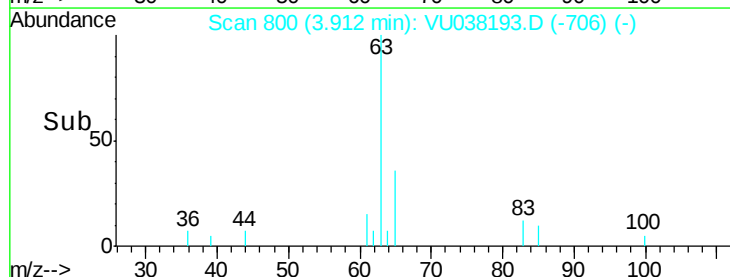
Abundance Ion 63.10 (62.80 to 63.80): VU038187.D (-780) (-)

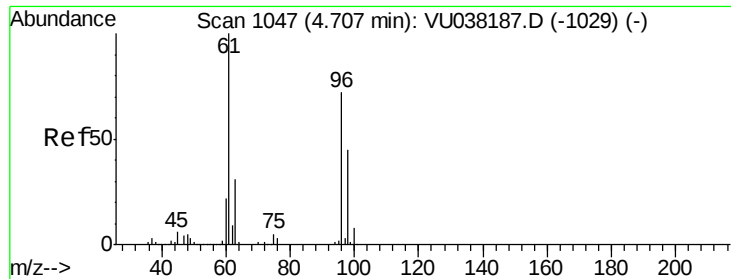
Ion 65.10 (64.80 to 65.80): VU038187.D (-780) (-)

Ion 83.05 (82.75 to 83.75): VU038187.D (-780) (-)

3.91

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.18 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038193.D

Acq: 15 May 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

BF8N4DL

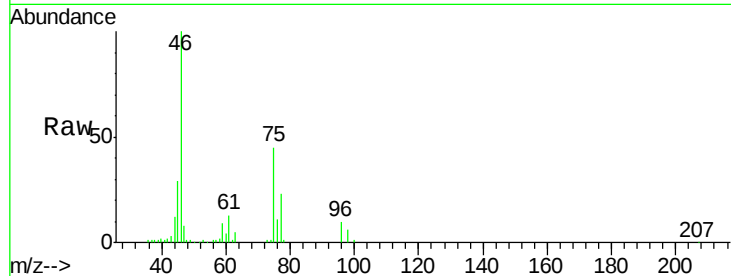
Tgt Ion: 96 Resp: 4924

Ion Ratio Lower Upper

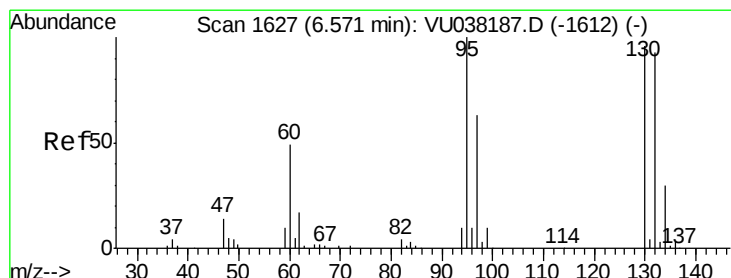
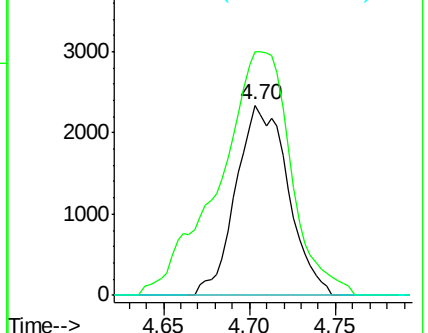
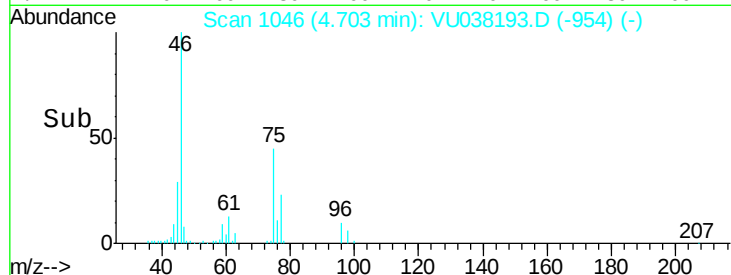
96 100

61 127.7 95.3 176.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038193.D (-1534) (-)



#34

Trichloroethene

Concen: 9.31 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038193.D

Acq: 15 May 2020 13:21

Tgt Ion: 95 Resp: 246521

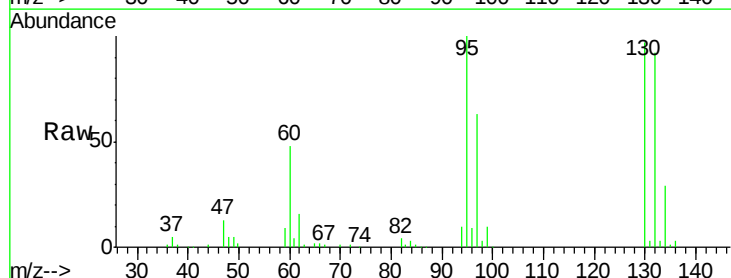
Ion Ratio Lower Upper

95 100

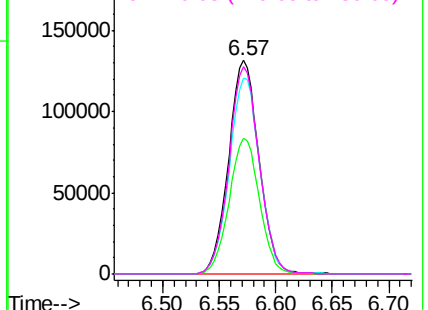
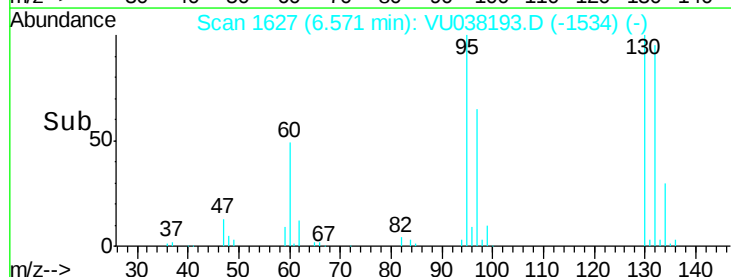
97 63.3 44.9 83.3

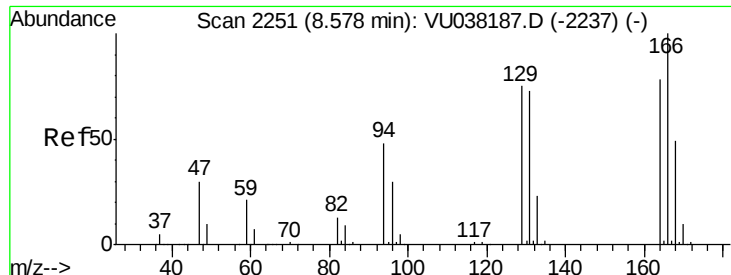
132 91.9 63.3 117.5

130 96.9 65.7 122.1



Abundance Ion 95.00 (94.70 to 95.70): VU038193.D (-1534) (-)





#47

Tetrachloroethene

Concen: 0.84 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038193.D

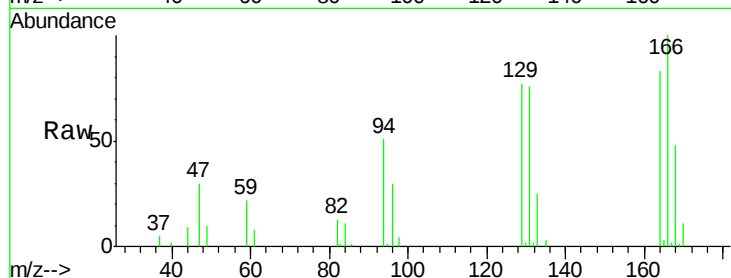
Acq: 15 May 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

BF8N4DL



Tgt Ion:164 Resp: 15521

Ion Ratio Lower Upper

164 100

129 92.9 68.8 127.8

131 91.2 66.8 124.2

166 120.7 88.9 165.1

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

