

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040295.D
 Acq On : 25 Sep 2020 13:18
 Operator : SY/MD
 Sample : L4147-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSAS

Quant Time: Sep 26 06:19:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125787	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33992	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.92	69	33266	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.58	63	56933	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.66	46	163563	59.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.08%
24) Chloroform-d	5.08	84	77172	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	47517	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	143175	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	50312	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	117564	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	18626	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	112668	52.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42666	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	48262	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

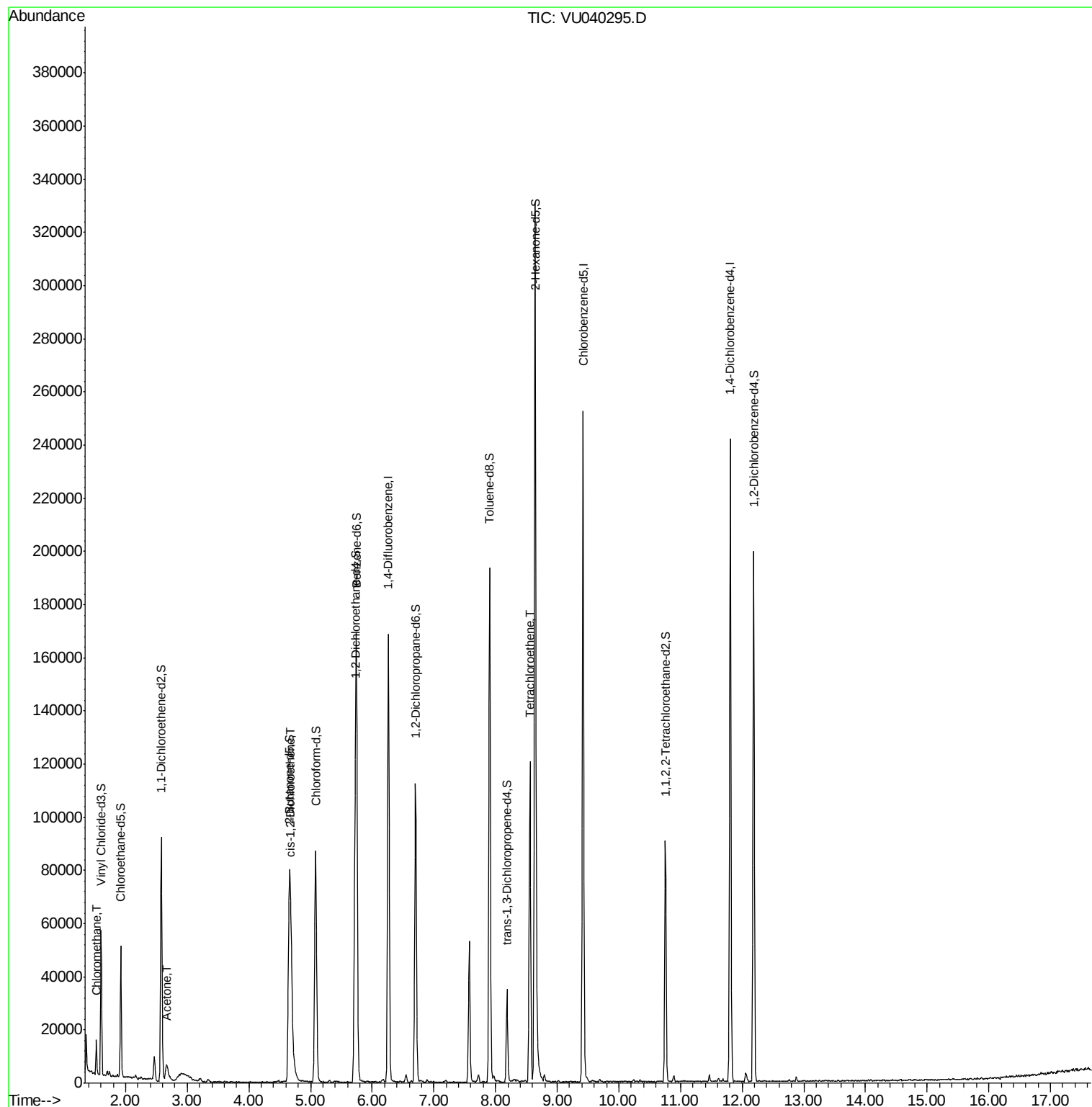
					Ovalue
3) Chloromethane	1.53	50	8574	0.717 ug/L	97
13) Acetone	2.66	43	14810	5.824 ug/L	75
22) cis-1,2-Dichloroethene	4.69	96	7840	0.696 ug/L	100
47) Tetrachloroethene	8.56	164	24022	2.977 ug/L	96

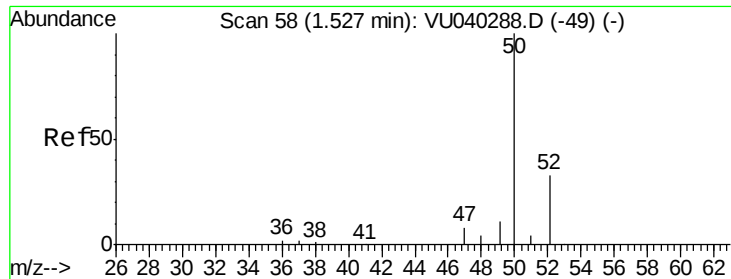
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.717 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040295.D

Acq: 25 Sep 2020 13:18

Instrument :

MSVOA_U

ClientSampleId :

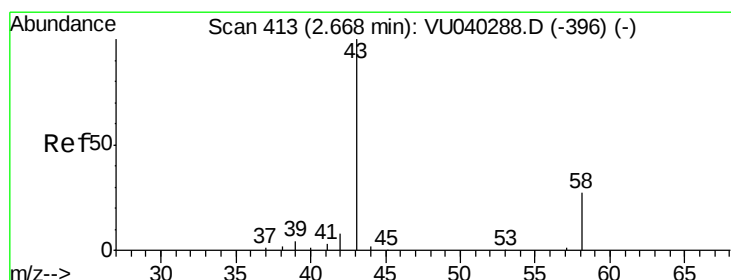
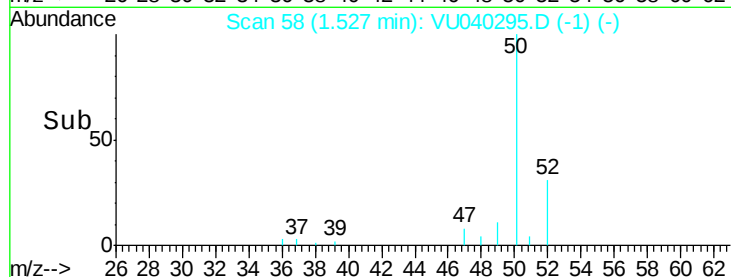
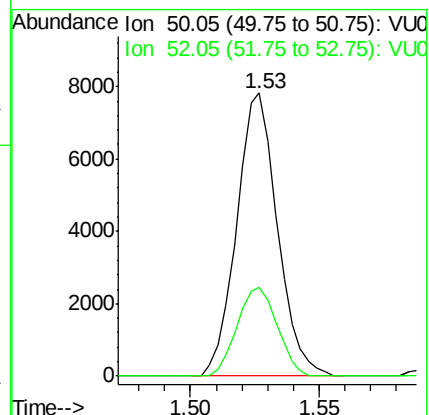
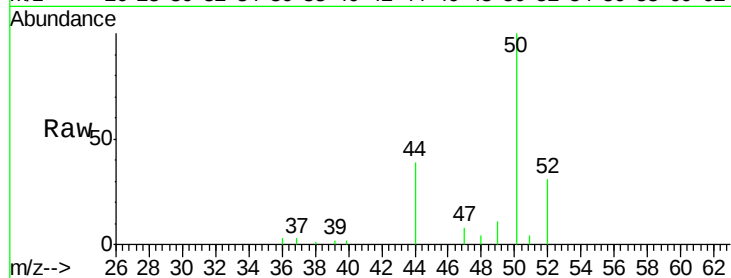
BFSA8

Tot Ion: 50 Resp: 8574

Ion Ratio Lower Upper

50 100

52 31.2 22.8 42.4



#13

Acetone

Concen: 5.824 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU040295.D

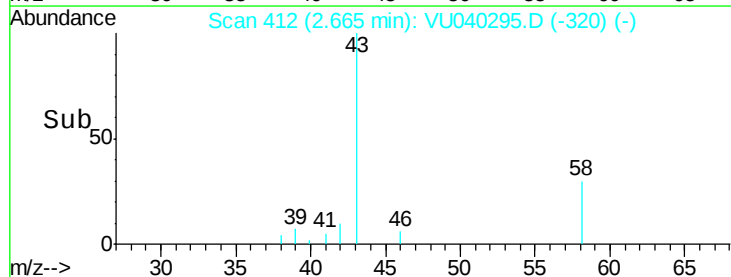
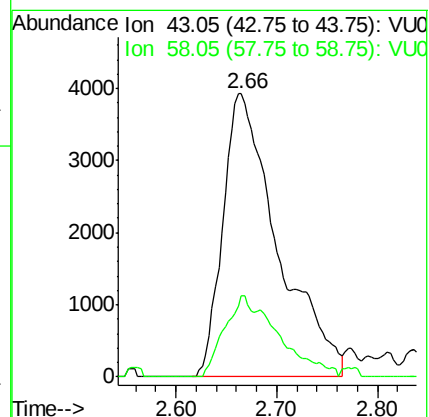
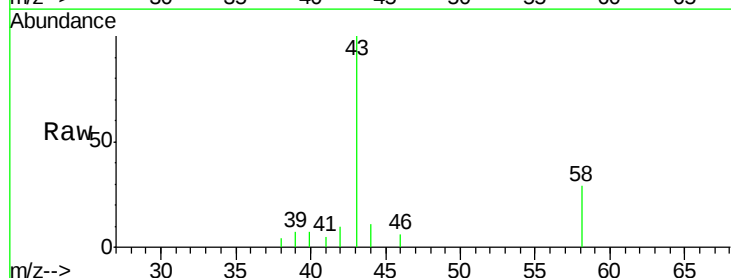
Acq: 25 Sep 2020 13:18

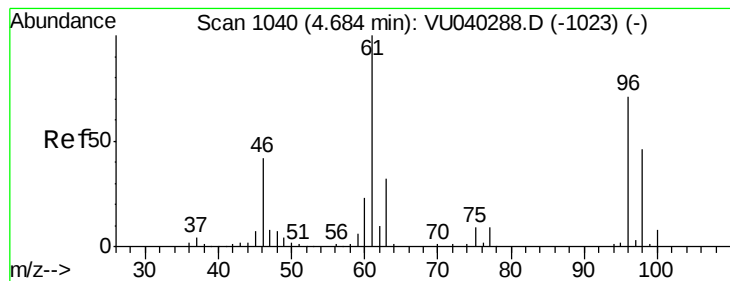
Tgt Ion: 43 Resp: 14810

Ion Ratio Lower Upper

43 100

58 14.8 0.0 55.4





#22

cis-1,2-Dichloroethene

Concen: 0.696 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040295.D

Acq: 25 Sep 2020 13:18

Instrument :

MSVOA_U

ClientSampleId :

BFSA8

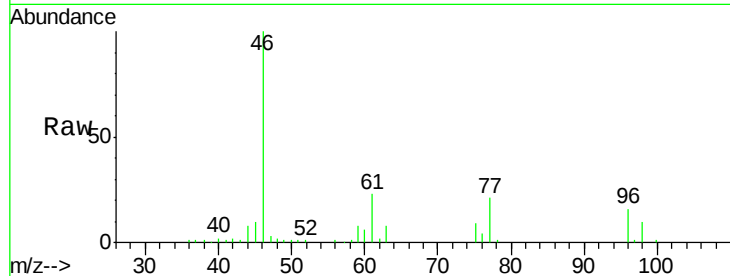
Tot Ion: 96 Resp: 7840

Ion Ratio Lower Upper

96 100

61 141.5 98.8 183.4

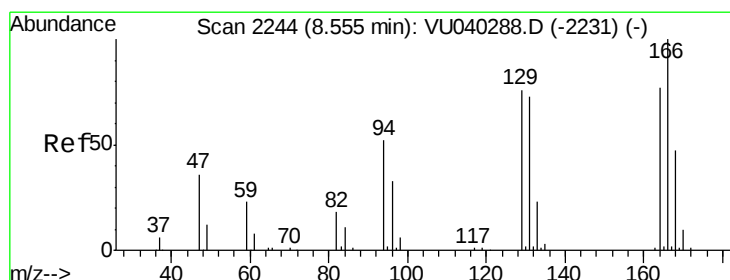
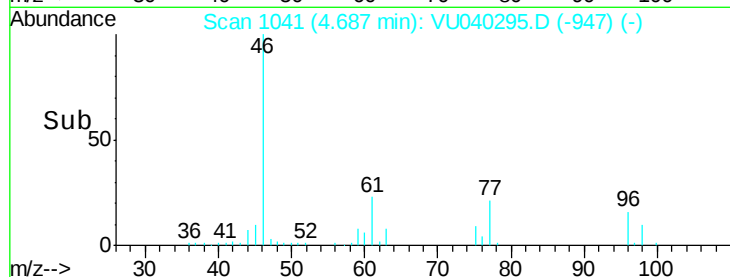
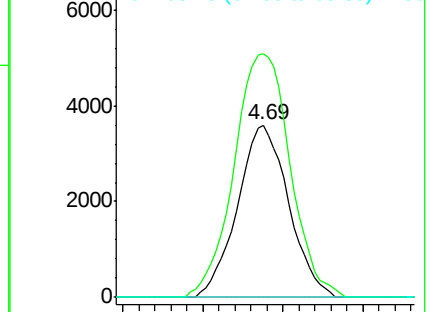
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040288.D (-1023) (-)

Ion 61.05 (60.75 to 61.75): VU040288.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU040288.D (-1023) (-)



#47

Tetrachloroethene

Concen: 2.977 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040295.D

Acq: 25 Sep 2020 13:18

Tgt Ion: 164 Resp: 24022

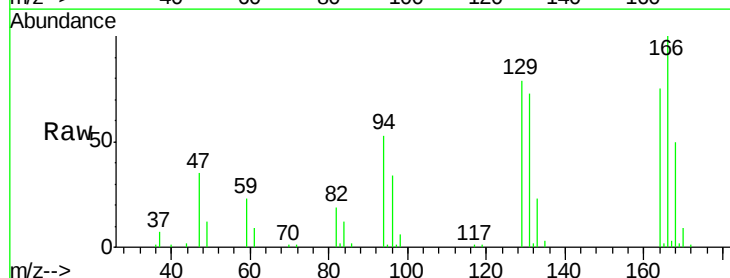
Ion Ratio Lower Upper

164 100

129 104.1 71.5 132.7

131 96.9 65.9 122.5

166 132.6 87.3 162.1



Abundance Ion 163.90 (163.60 to 164.60): VU040288.D (-2231) (-)

Ion 128.95 (128.65 to 129.65): VU040288.D (-2231) (-)

Ion 130.95 (130.65 to 131.65): VU040288.D (-2231) (-)

Ion 165.90 (165.60 to 166.60): VU040288.D (-2231) (-)

