

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040297.D
 Acq On : 25 Sep 2020 14:05
 Operator : SY/MD
 Sample : L4147-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB0

Quant Time: Sep 26 06:28:04 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	125454	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58230	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32702	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.92	69	30813	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.58	63	52462	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	159268	58.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.26%
24) Chloroform-d	5.08	84	73233	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	45704	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.74	84	136451	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	47775	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.91	98	111810	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.19	79	17156	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	110267	51.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41115	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	45929	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

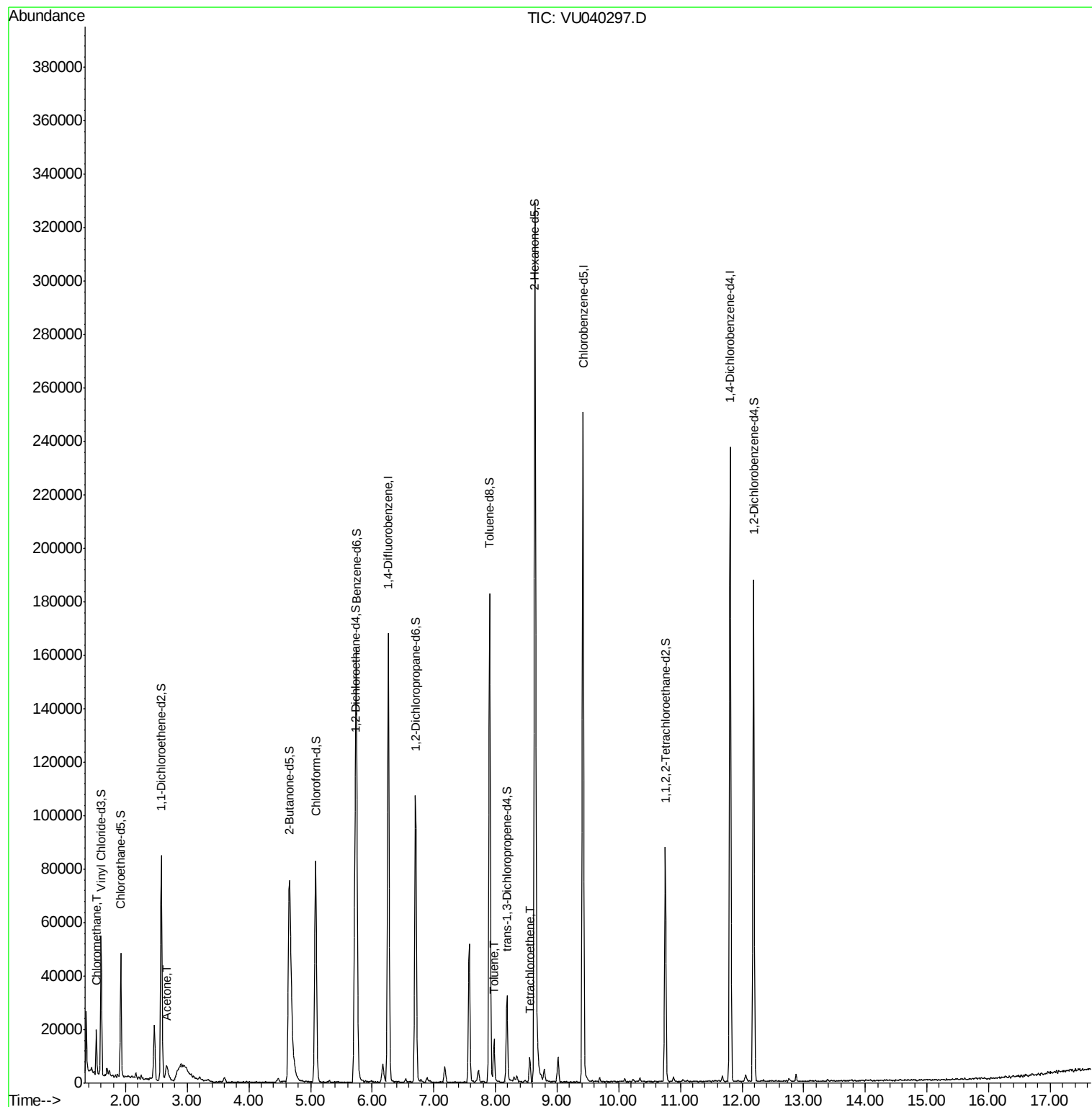
Target Compounds					Ovalue
3) Chloromethane	1.53	50	11423	0.958 ug/L	96
13) Acetone	2.66	43	12789	5.043 ug/L	78
42) Toluene	7.98	91	10850	0.231 ug/L	98
47) Tetrachloroethene	8.56	164	1801	0.225 ug/L	97

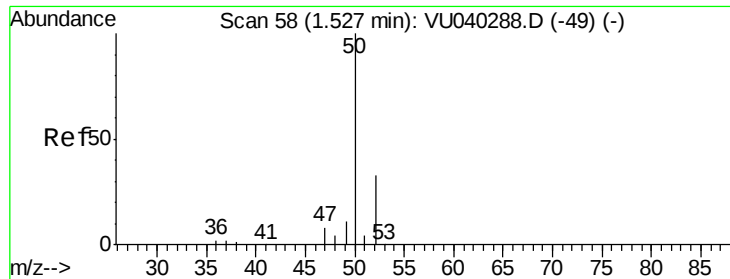
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.958 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040297.D

Acq: 25 Sep 2020 14:05

Instrument :

MSVOA_U

ClientSampleId :

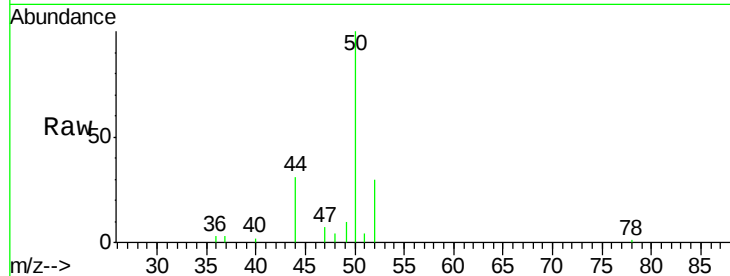
BFSB0

Tot Ion: 50 Resp: 11423

Ion Ratio Lower Upper

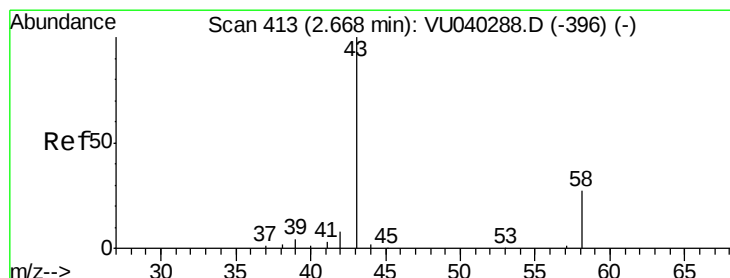
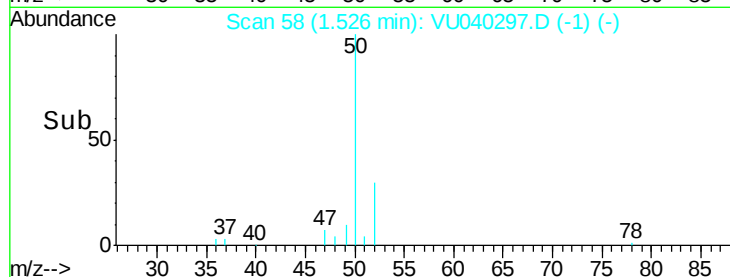
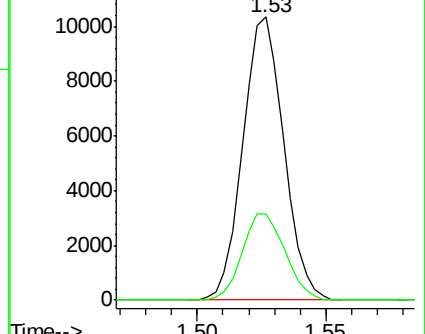
50 100

52 30.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 5.043 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

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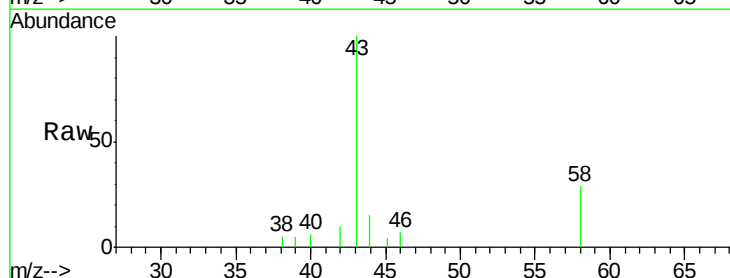
Acq: 25 Sep 2020 14:05

Tgt Ion: 43 Resp: 12789

Ion Ratio Lower Upper

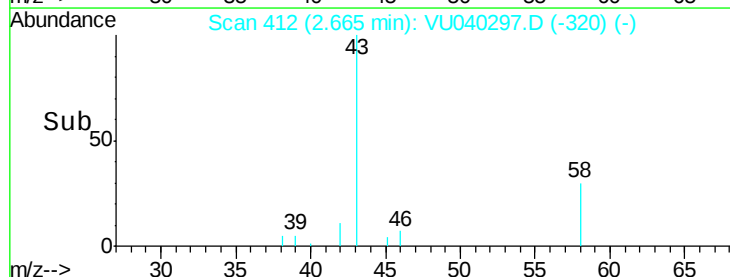
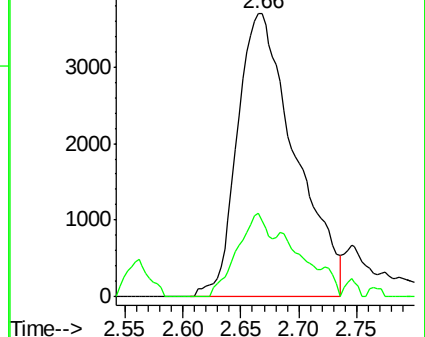
43 100

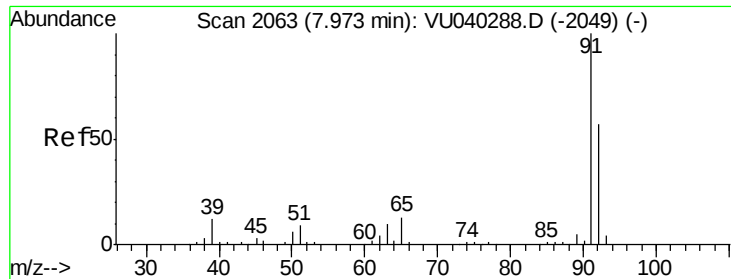
58 16.4 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#42

Toluene

Concen: 0.231 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

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ClientSampleId :

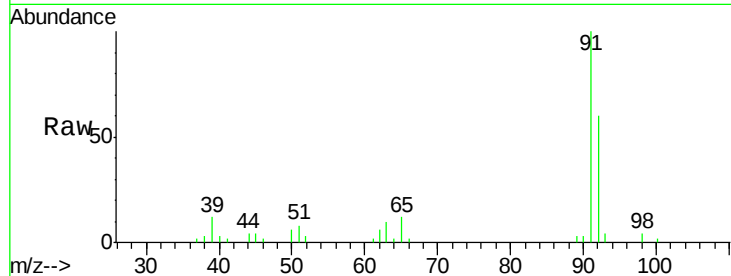
BFSB0

Tot Ion: 91 Resp: 10850

Ion Ratio Lower Upper

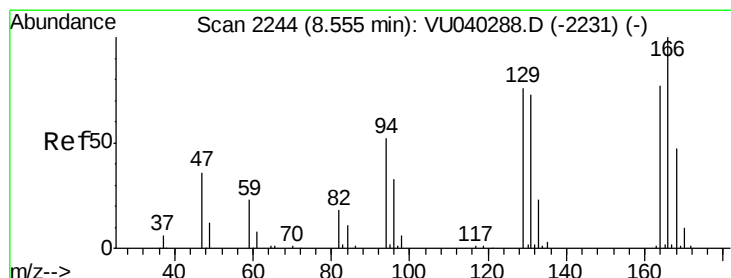
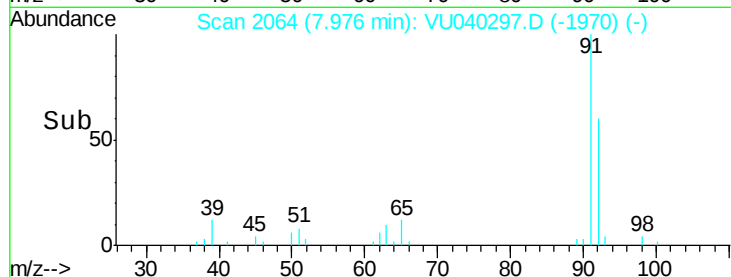
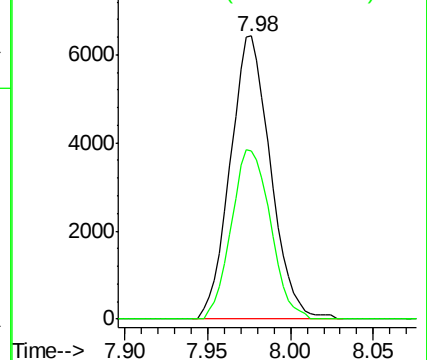
91 100

92 59.6 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#47

Tetrachloroethene

Concen: 0.225 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040297.D

Acq: 25 Sep 2020 14:05

Tgt Ion: 164 Resp: 1801

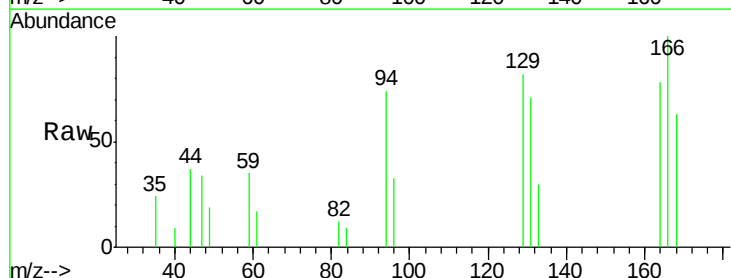
Ion Ratio Lower Upper

164 100

129 105.5 71.5 132.7

131 91.2 65.9 122.5

166 128.7 87.3 162.1



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

