

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040507.D
 Acq On : 05 Oct 2020 14:11
 Operator : SY/MD
 Sample : L4266-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS2

Quant Time: Oct 06 08:34:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30146	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.93	69	27430	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	49851	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.66	46	139863	45.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.14%
24) Chloroform-d	5.08	84	68514	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	44452	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	129304	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	43436	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.91	98	107593	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	17806	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	95236	41.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.38%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39348	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	43294	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

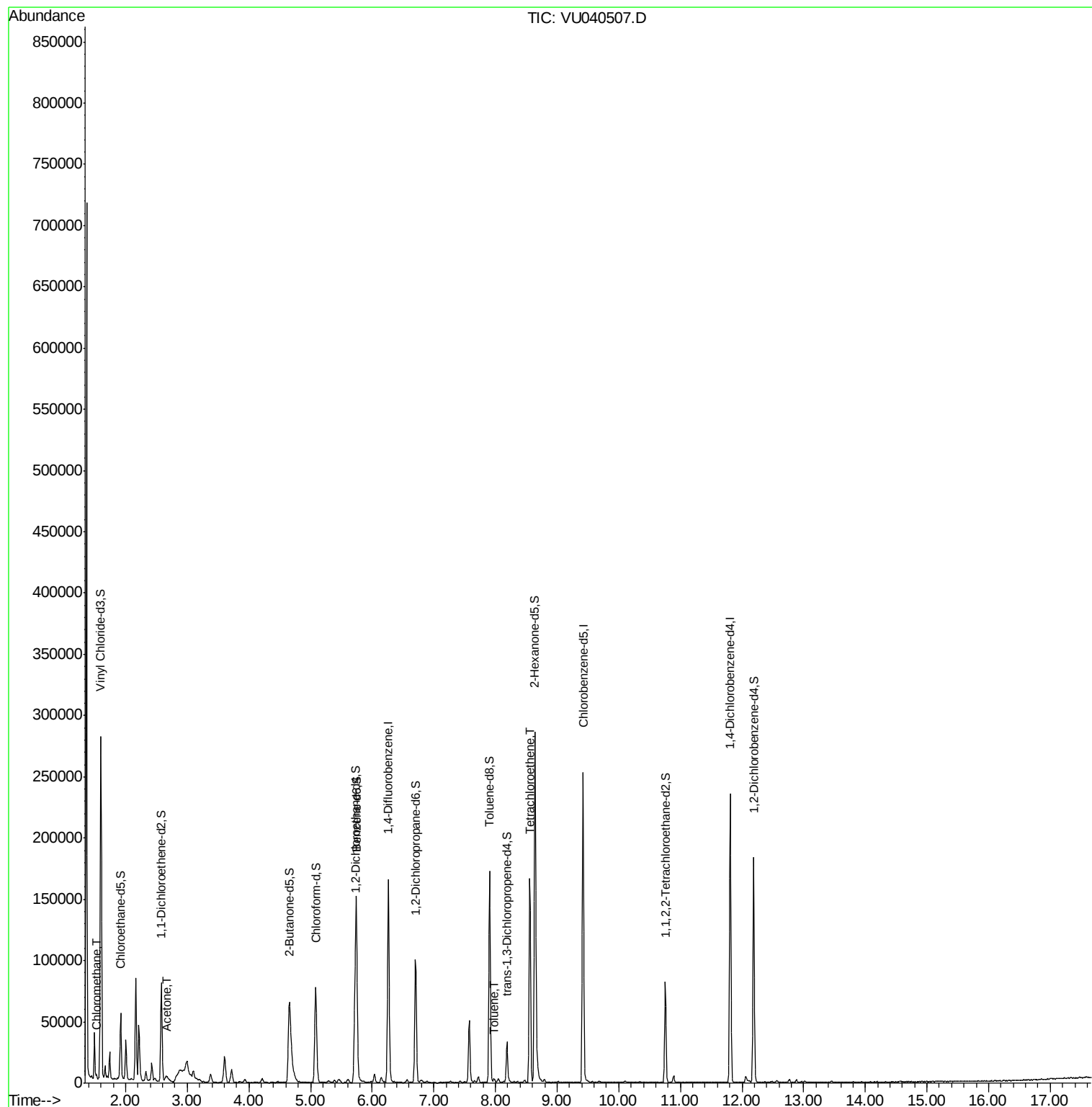
Target Compounds					Ovalue
3) Chloromethane	1.53	50	2375	0.193 ug/L	91
13) Acetone	2.67	43	10853	4.244 ug/L	92
42) Toluene	7.97	91	1836	0.041 ug/L	92
47) Tetrachloroethene	8.56	164	33674	4.118 ug/L	98

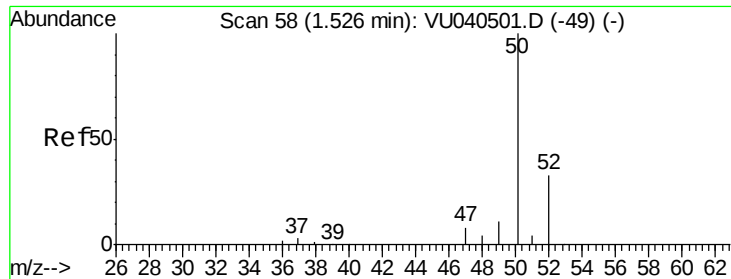
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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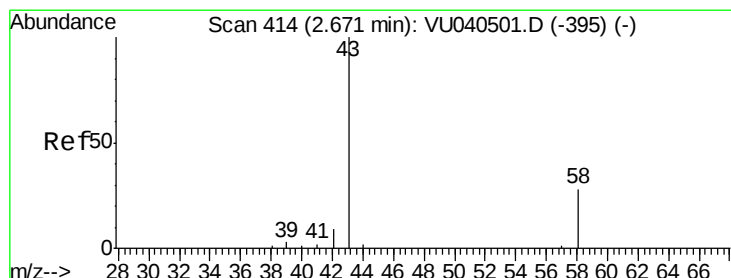
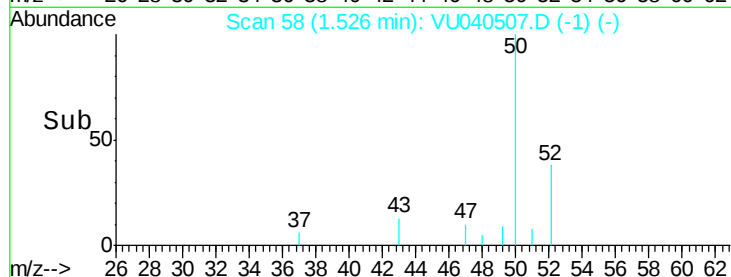
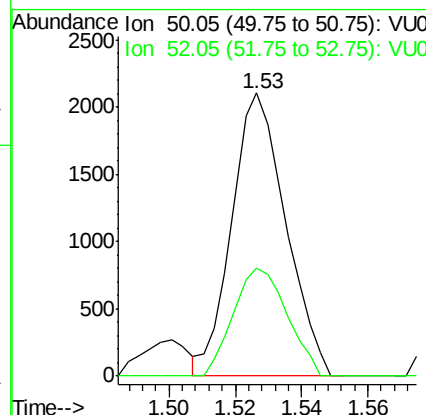
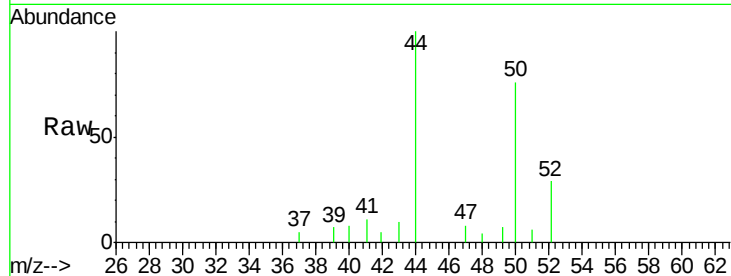




#3
 Chloromethane
 Concen: 0.193 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU040507.D
 Acq: 05 Oct 2020 14:11

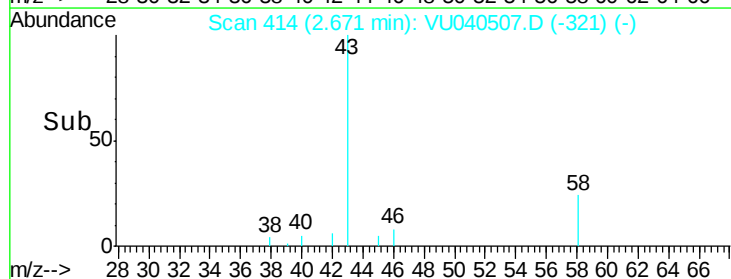
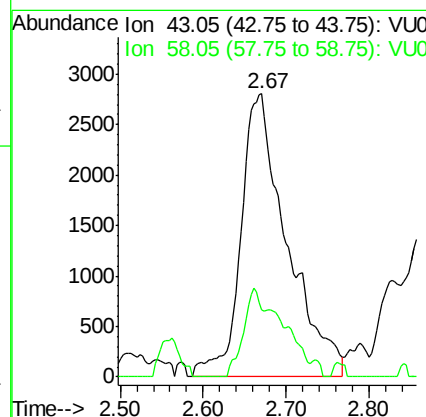
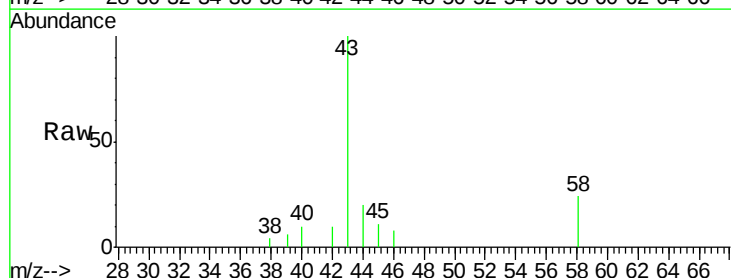
Instrument :
 MSVOA_U
 ClientSampleId :
 BFS2A2

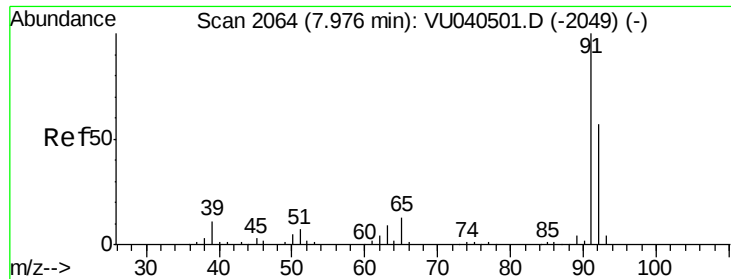
Tot Ion: 50 Resp: 2375
 Ion Ratio Lower Upper
 50 100
 52 38.1 23.0 42.6



#13
 Acetone
 Concen: 4.244 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: VU040507.D
 Acq: 05 Oct 2020 14:11

Tgt Ion: 43 Resp: 10853
 Ion Ratio Lower Upper
 43 100
 58 26.6 0.0 61.8





#42

Toluene

Concen: 0.041 ug/L

RT: 7.97 min Scan# 2062

Delta R.T. -0.01 min

Lab File: VU040507.D

Acq: 05 Oct 2020 14:11

Instrument :

MSVOA_U

ClientSampleId :

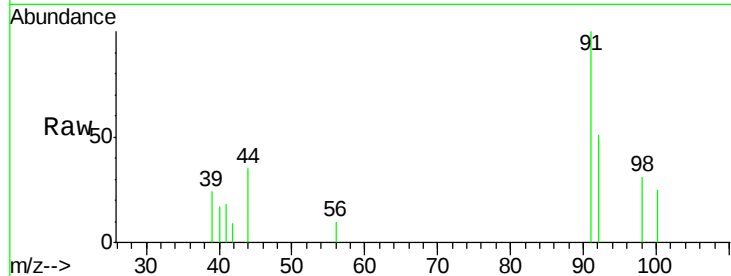
BFSA2

Tot Ion: 91 Resp: 1836

Ion Ratio Lower Upper

91 100

92 51.2 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU040507.D (-2151) (-)

Ion 92.15 (91.85 to 92.85): VU040507.D (-2151) (-)

7.97

1200

1000

800

600

400

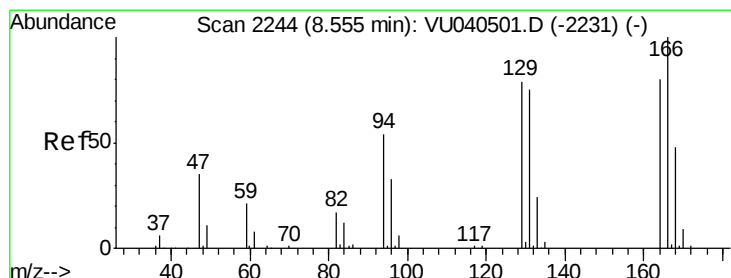
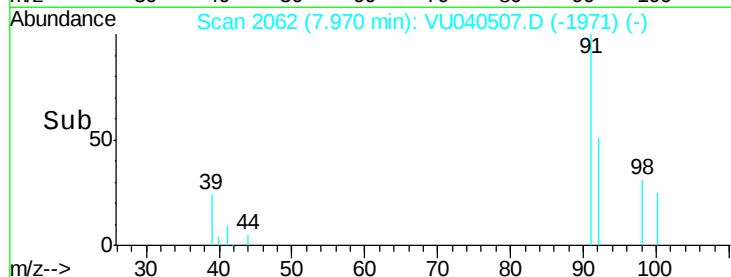
200

0

Time-->

7.95

8.00



#47

Tetrachloroethene

Concen: 4.118 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040507.D

Acq: 05 Oct 2020 14:11

Tgt Ion: 164 Resp: 33674

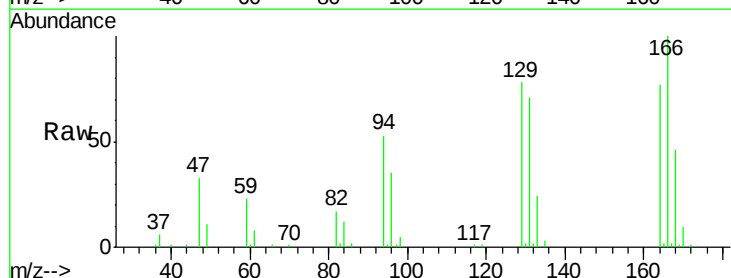
Ion Ratio Lower Upper

164 100

129 102.2 70.3 130.7

131 93.1 69.2 128.6

166 130.6 91.1 169.3



Abundance Ion 163.90 (163.60 to 164.60): VU040507.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU040507.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU040507.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU040507.D (-2151) (-)

40000

30000

20000

10000

0

Time-->

8.50

8.55

8.60

