

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040308.D
 Acq On : 25 Sep 2020 18:37
 Operator : SY/MD
 Sample : L4147-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS9

Quant Time: Sep 26 07:09:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121647	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122983	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53882	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31615	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	30392	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.58	63	51160	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	153536	57.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.58%
24) Chloroform-d	5.08	84	71482	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.72	65	45847	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	134858	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	46391	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	105104	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	17562	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	105429	51.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40656	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45072	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

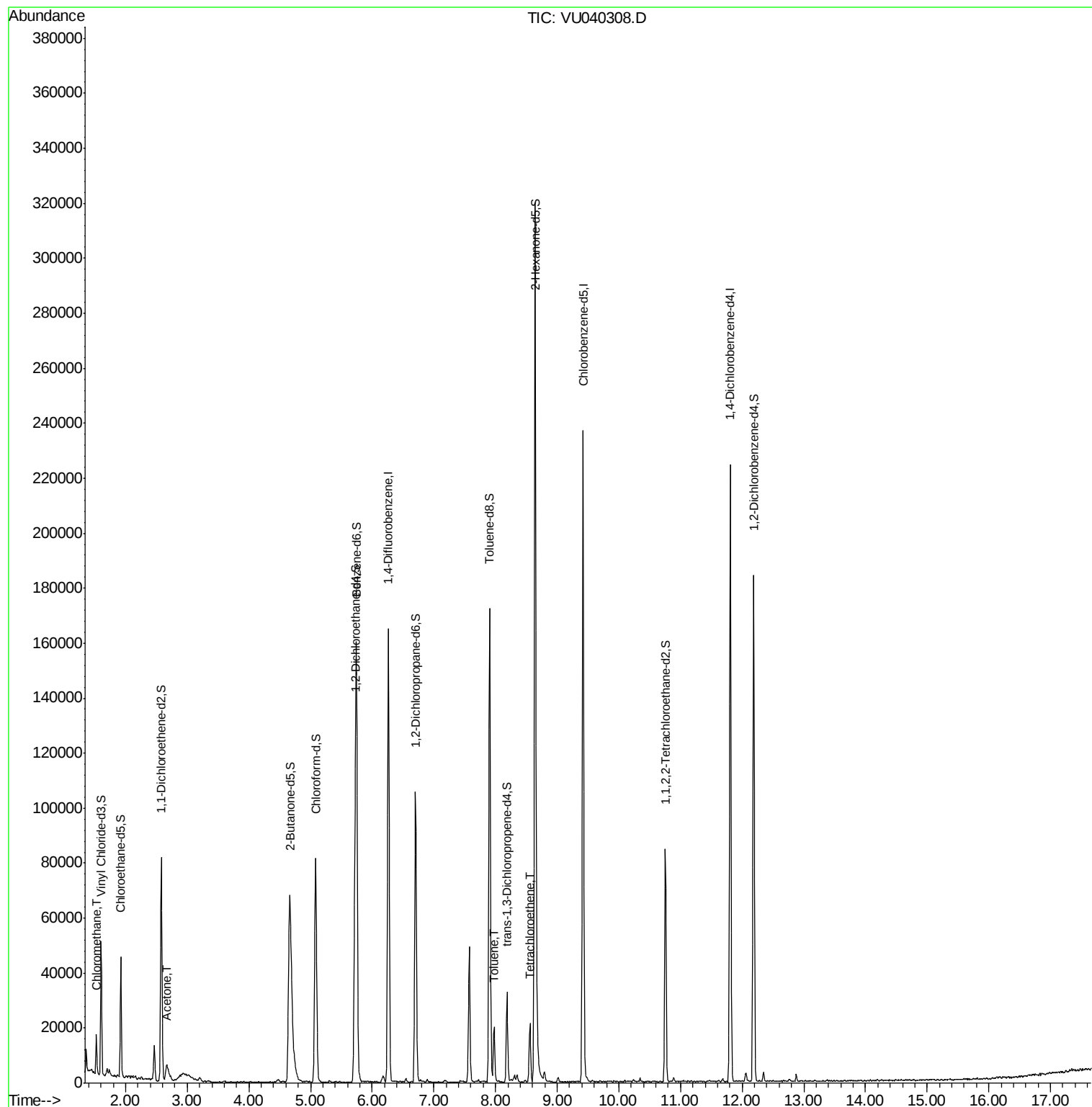
Target Compounds					Ovalue
3) Chloromethane	1.52	50	10157	0.879 ug/L	99
13) Acetone	2.67	43	16121	6.555 ug/L	78
42) Toluene	7.98	91	13195	0.291 ug/L	96
47) Tetrachloroethene	8.55	164	4275	0.551 ug/L	94

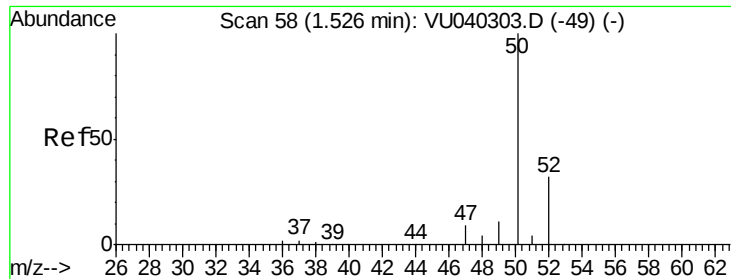
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.879 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040308.D

Acq: 25 Sep 2020 18:37

Instrument :

MSVOA_U

ClientSampleId :

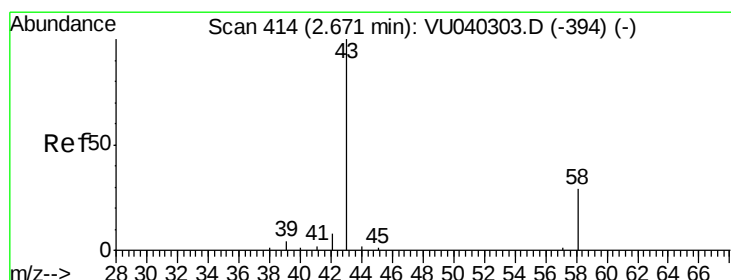
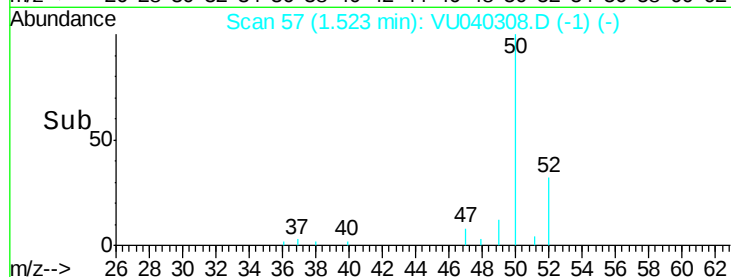
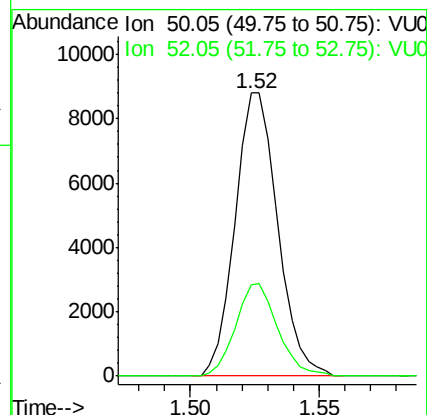
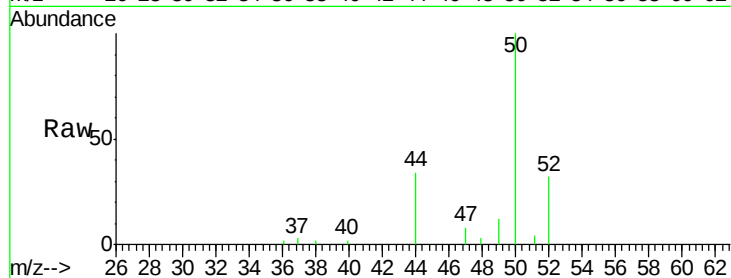
BFSA9

Tot Ion: 50 Resp: 10157

Ion Ratio Lower Upper

50 100

52 32.3 22.8 42.4



#13

Acetone

Concen: 6.555 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040308.D

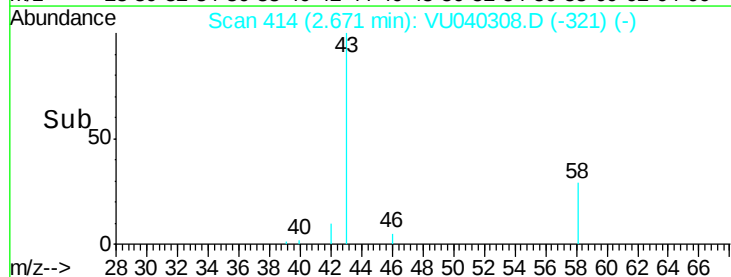
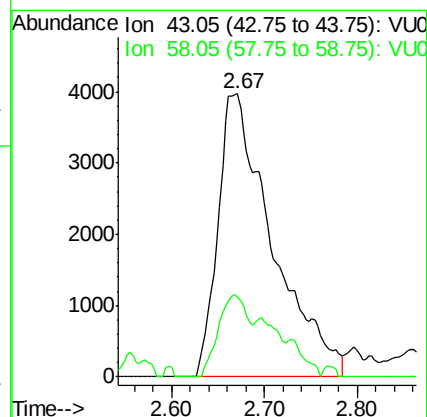
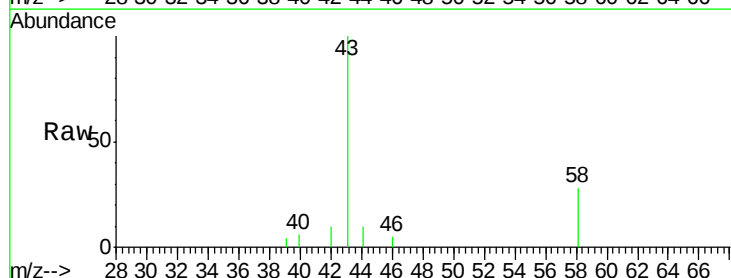
Acq: 25 Sep 2020 18:37

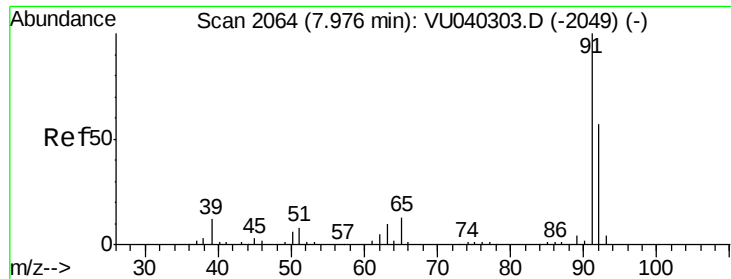
Tgt Ion: 43 Resp: 16121

Ion Ratio Lower Upper

43 100

58 16.0 0.0 55.4





#42

Toluene

Concen: 0.291 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040308.D

Acq: 25 Sep 2020 18:37

Instrument :

MSVOA_U

ClientSampleId :

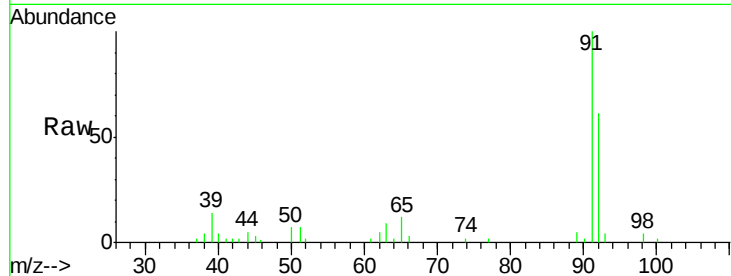
BFSA9

Tot Ion: 91 Resp: 13195

Ion Ratio Lower Upper

91 100

92 61.0 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU040308.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU040308.D (-2049) (-)

7.98

8000

6000

4000

2000

0

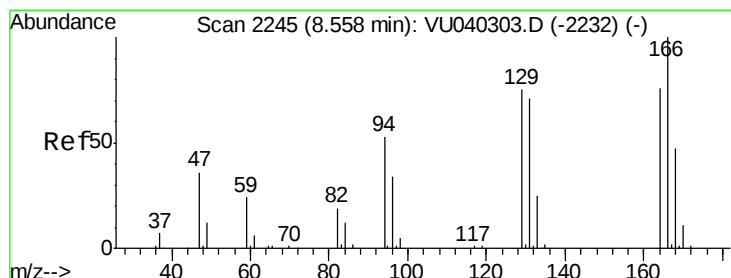
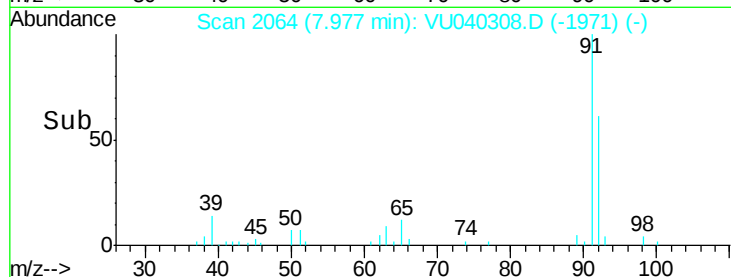
Time-->

7.90

7.95

8.00

8.05



#47

Tetrachloroethene

Concen: 0.551 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.01 min

Lab File: VU040308.D

Acq: 25 Sep 2020 18:37

Tgt Ion: 164 Resp: 4275

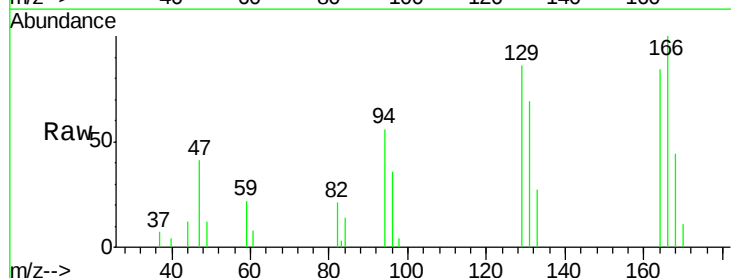
Ion Ratio Lower Upper

164 100

129 103.3 71.5 132.7

131 82.6 65.9 122.5

166 119.6 87.3 162.1



Abundance Ion 163.90 (163.60 to 164.60): VU040308.D (-2232) (-)

Ion 128.95 (128.65 to 129.65): VU040308.D (-2232) (-)

Ion 130.95 (130.65 to 131.65): VU040308.D (-2232) (-)

Ion 165.90 (165.60 to 166.60): VU040308.D (-2232) (-)

5000

4000

3000

2000

1000

0

Time-->

8.50

8.55

8.60

