

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038552.D
 Acq On : 04 Jun 2020 16:28
 Operator : SY/MD
 Sample : L2872-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFEN3

Quant Time: Jun 05 02:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293394	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	287537	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	137316	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69310	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.93	69	62246	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	115033	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.67	46	286807	49.72	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	5.10	84	168566	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	97972	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	333298	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	103814	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	281633	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.20	79	40403	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.65	63	240397	51.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88076	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	117010	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

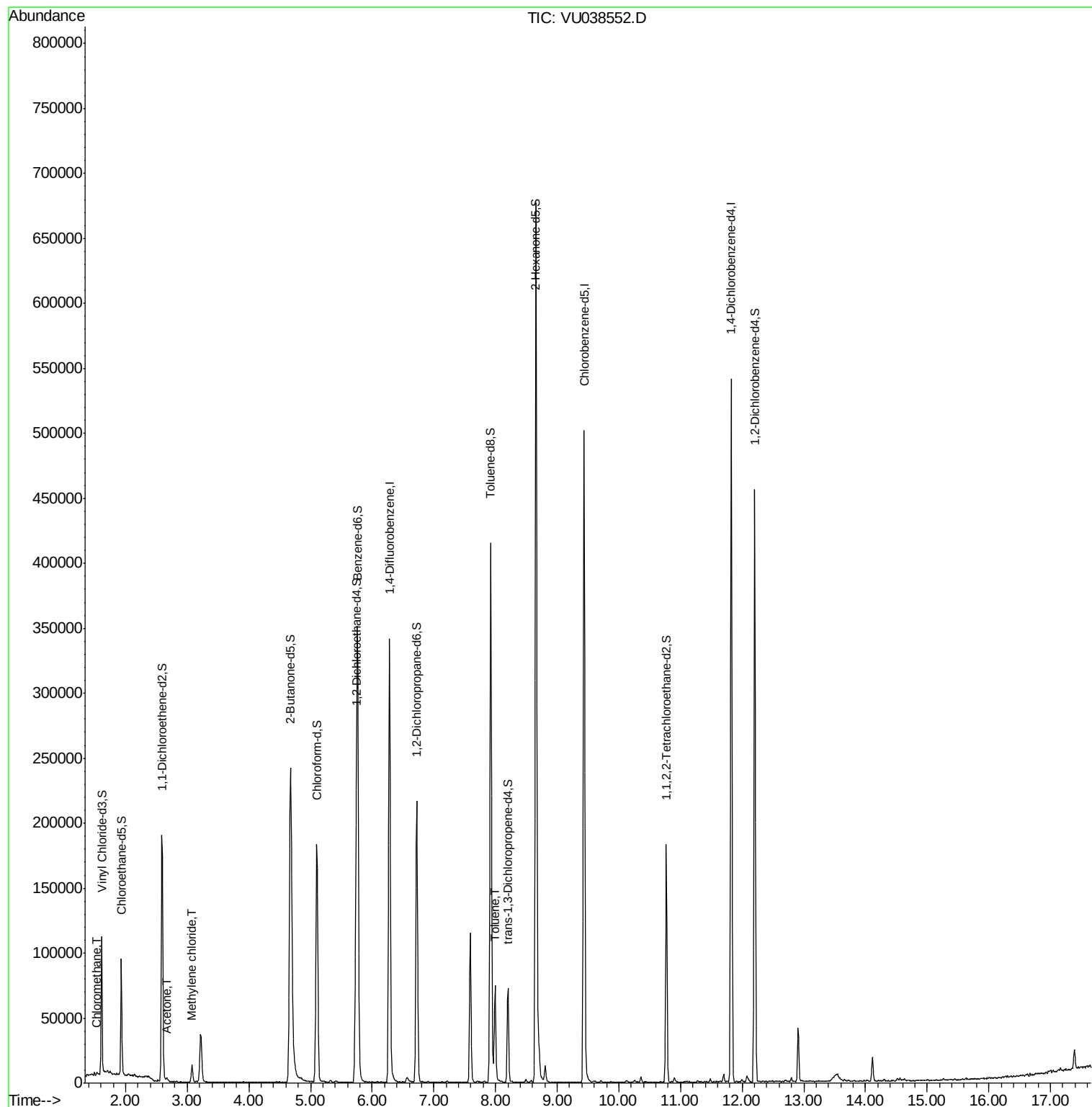
Target Compounds					Ovalue
3) Chloromethane	1.53	50	1940	0.091 ug/L	97
13) Acetone	2.67	43	3717	0.985 ug/L	93
16) Methylene chloride	3.08	84	5913	0.289 ug/L	94
42) Toluene	7.99	91	53504	0.636 ug/L	98

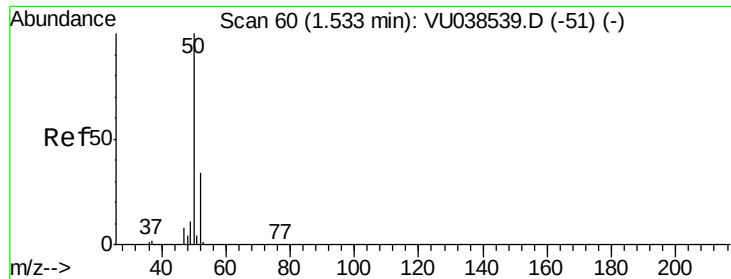
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU038552.D

Acq: 04 Jun 2020 16:28

Instrument :

MSVOA_U

ClientSampleId :

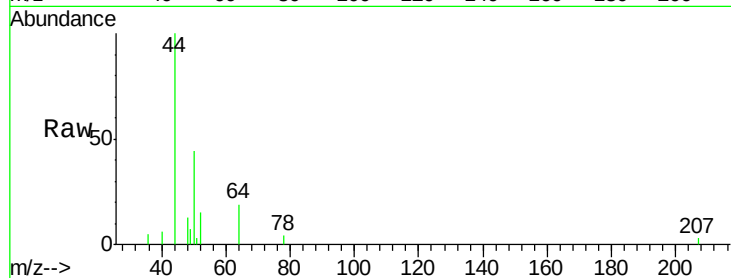
BFEN3

Tot Ion: 50 Resp: 1940

Ion Ratio Lower Upper

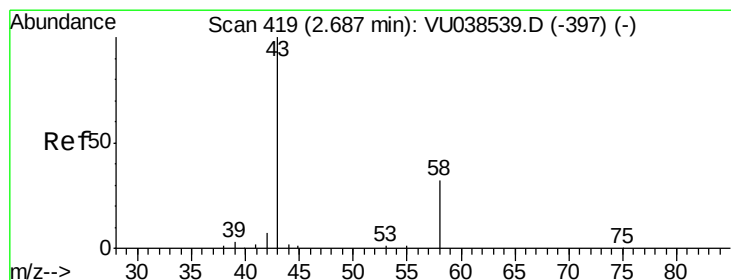
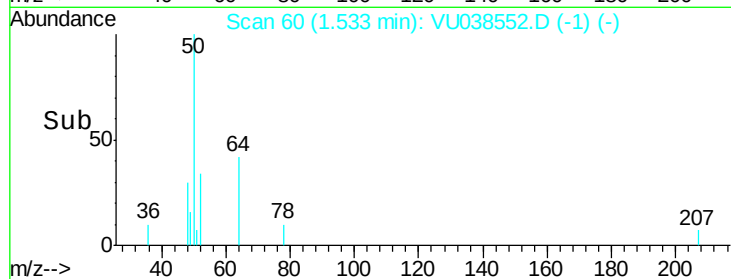
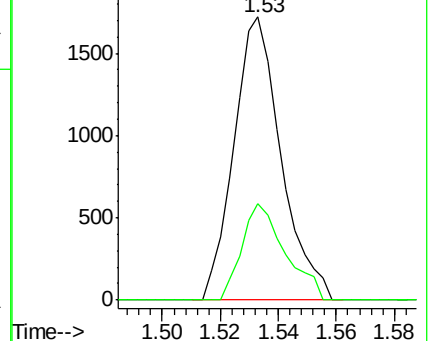
50 100

52 34.2 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU038539.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU038552.D (-1) (-)



#13

Acetone

Concen: 0.985 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038552.D

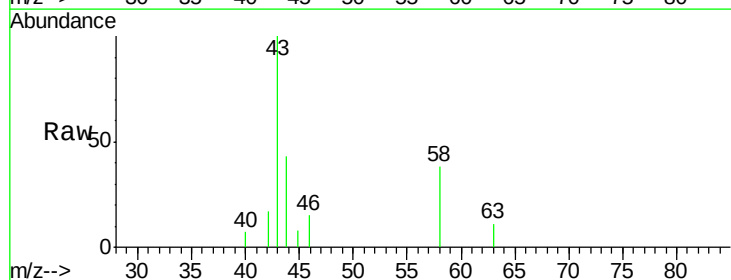
Acq: 04 Jun 2020 16:28

Tgt Ion: 43 Resp: 3717

Ion Ratio Lower Upper

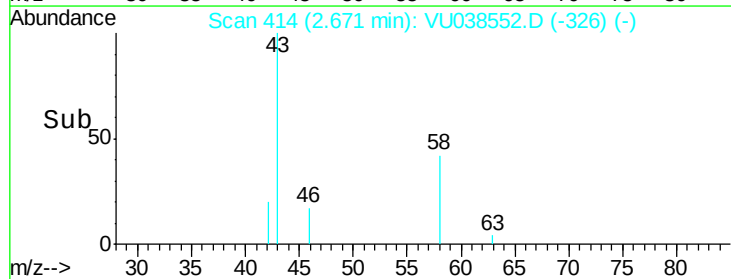
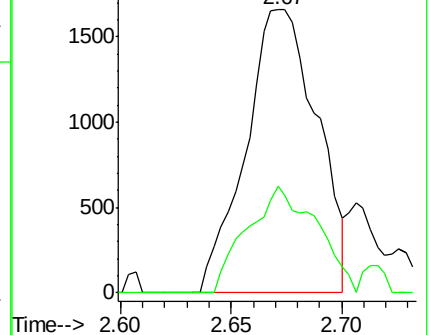
43 100

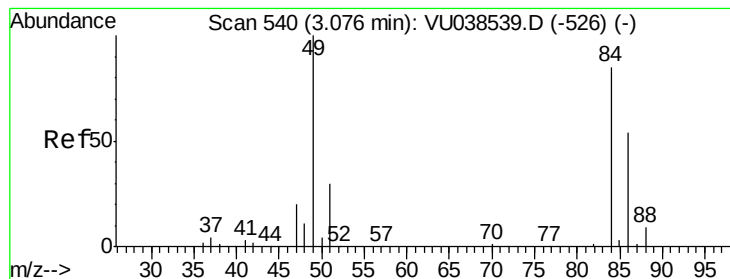
58 36.8 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038539.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU038552.D (-326) (-)





#16

Methvlene chloride

Concen: 0.289 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038552.D

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BFEN3

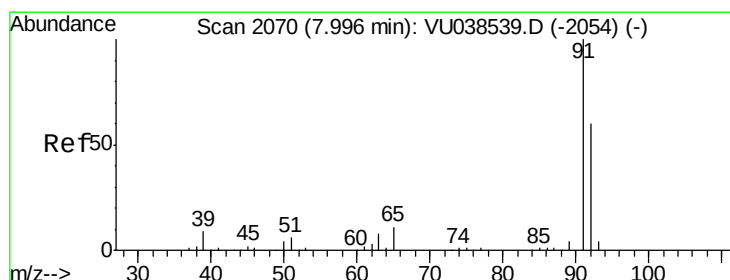
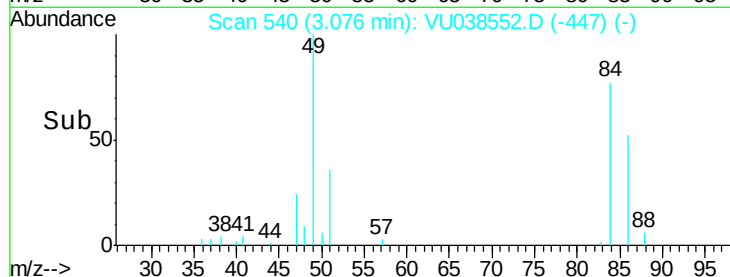
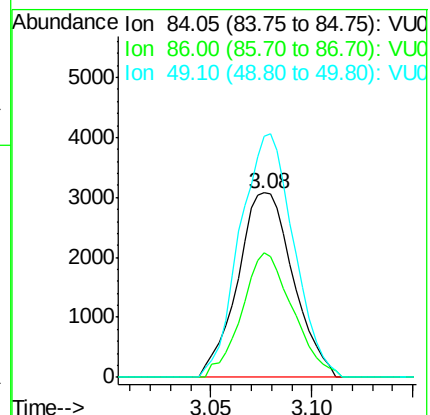
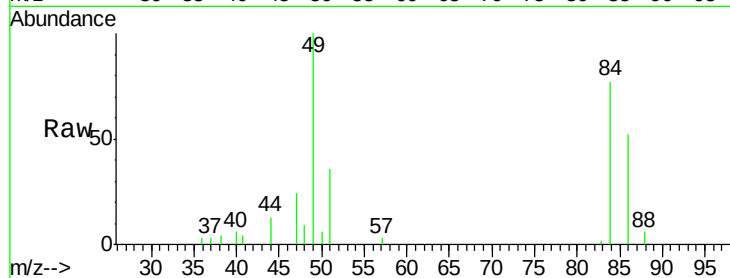
Tot Ion: 84 Resp: 5913

Ion Ratio Lower Upper

84 100

86 67.6 45.0 83.6

49 130.6 85.5 158.9



#42

Toluene

Concen: 0.636 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038552.D

Acq: 04 Jun 2020 16:28

Tgt Ion: 91 Resp: 53504

Ion Ratio Lower Upper

91 100

92 60.1 43.0 79.8

