

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040667.D
 Acq On : 12 Oct 2020 18:29
 Operator : SY/MD
 Sample : L4345-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY7

Quant Time: Oct 13 06:09:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119754	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121726	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40152	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	36523	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.58	63	64440	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	169181	53.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.56%
24) Chloroform-d	5.08	84	86405	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	54929	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.74	84	153139	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	52510	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	121577	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	20489	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	116233	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46641	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48831	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

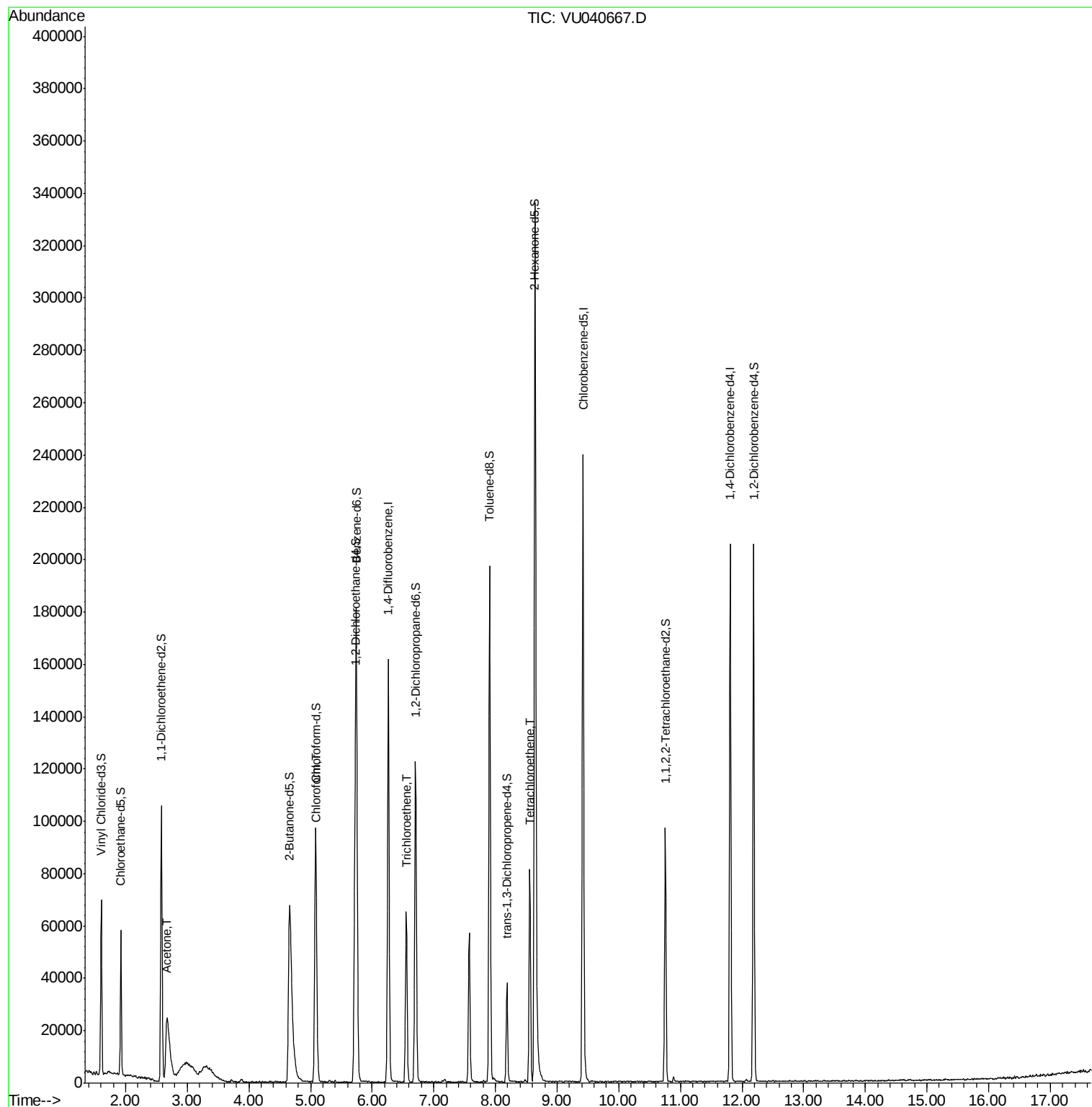
Target Compounds					Ovalue
13) Acetone	2.68	43	74852	30.411 ug/L	95
25) Chloroform	5.10	83	6562	0.347 ug/L	94
34) Trichloroethene	6.55	95	21494	2.120 ug/L	96
47) Tetrachloroethene	8.56	164	16201	2.240 ug/L	92

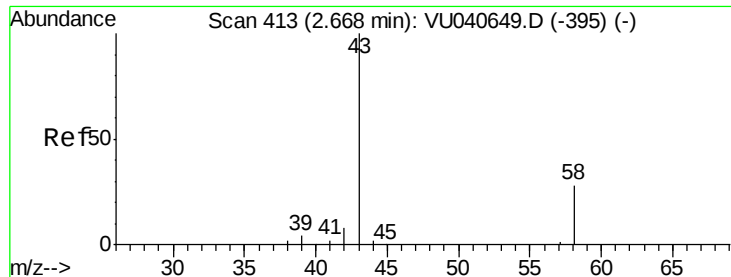
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.411 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

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Acq: 12 Oct 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

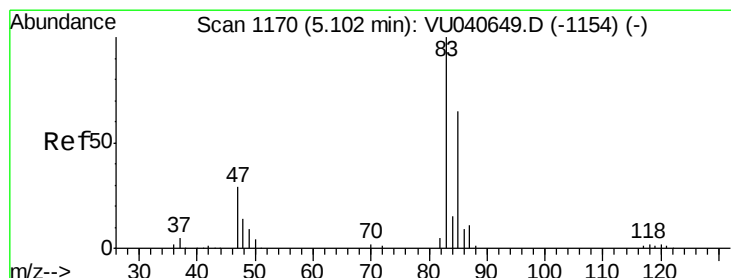
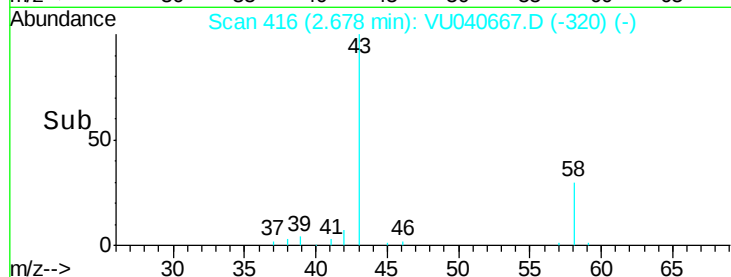
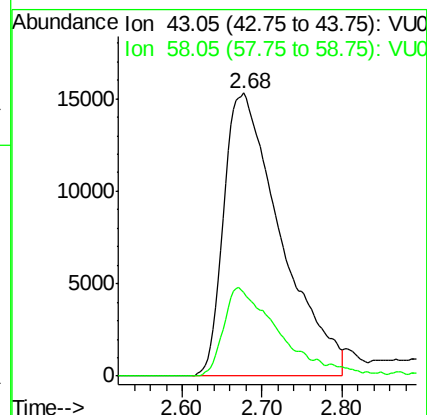
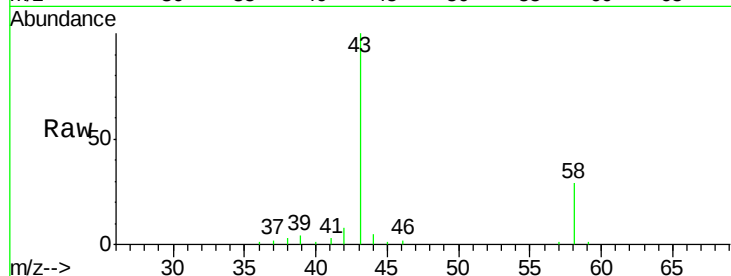
YAQY7

Tot Ion: 43 Resp: 74852

Ion Ratio Lower Upper

43 100

58 27.7 0.0 60.6



#25

Chloroform

Concen: 0.347 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

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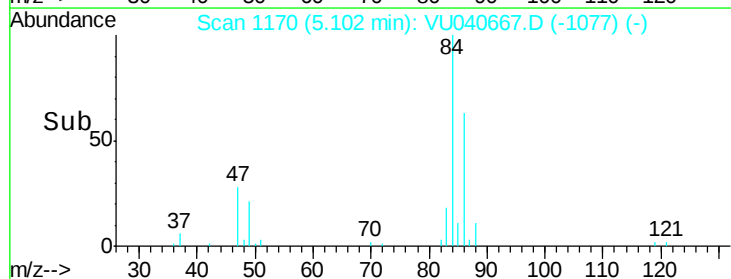
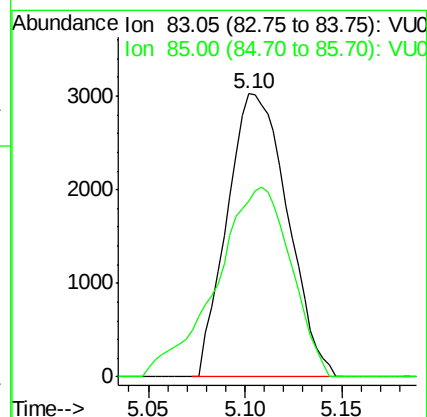
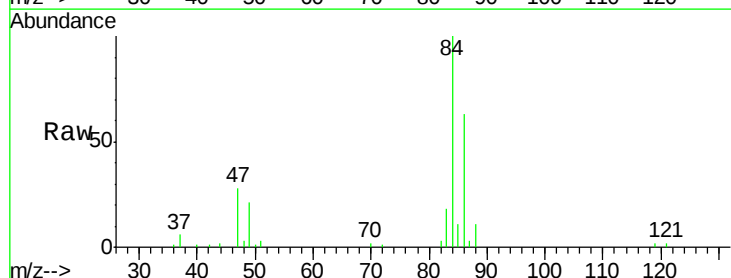
Acq: 12 Oct 2020 18:29

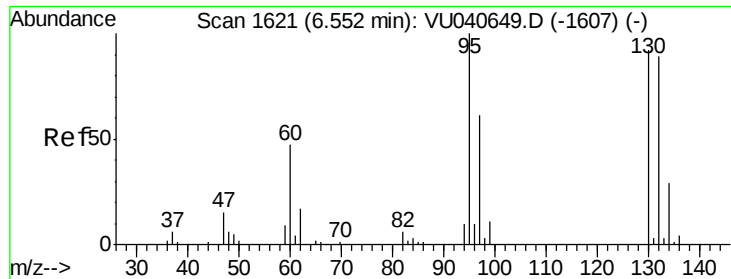
Tgt Ion: 83 Resp: 6562

Ion Ratio Lower Upper

83 100

85 62.0 46.5 86.5

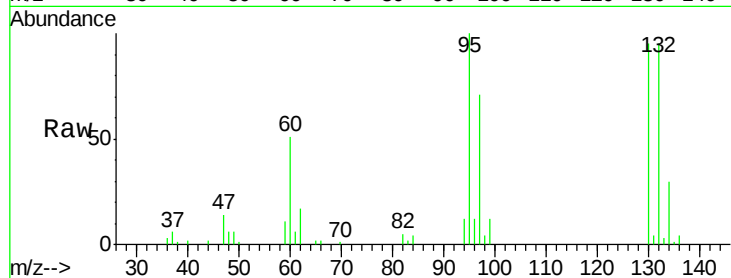




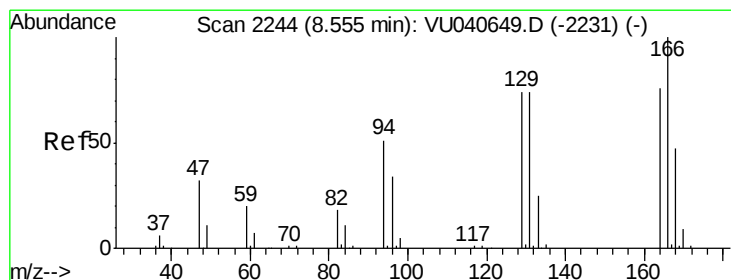
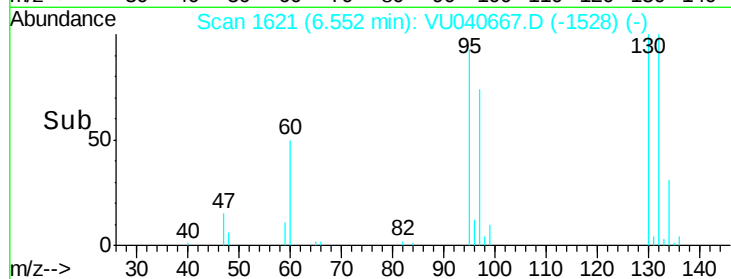
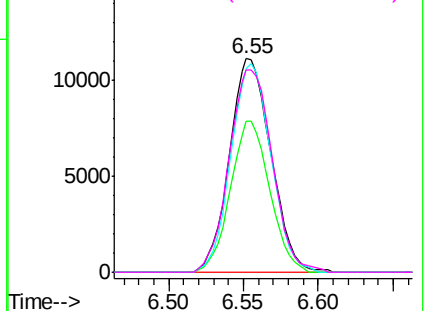
#34
 Trichloroethene
 Concen: 2.120 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040667.D
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Instrument :
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 ClientSampleId :
 YAQY7

Tot Ion: 95 Resp: 21494
 Ion Ratio Lower Upper
 95 100
 97 70.5 45.5 84.5
 132 95.3 67.5 125.4
 130 95.0 69.9 129.9



Abundance Ion 95.00 (94.70 to 95.70): VU040667.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU040667.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU040667.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU040667.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 2.240 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU040667.D
 Acq: 12 Oct 2020 18:29

Tgt Ion: 164 Resp: 16201
 Ion Ratio Lower Upper
 164 100
 129 100.9 68.8 127.8
 131 100.8 66.7 123.9
 166 134.7 83.9 155.7

Abundance Ion 163.90 (163.60 to 164.60): VU040667.D (-2151) (-)
 Ion 128.95 (128.65 to 129.65): VU040667.D (-2151) (-)
 Ion 130.95 (130.65 to 131.65): VU040667.D (-2151) (-)
 Ion 165.90 (165.60 to 166.60): VU040667.D (-2151) (-)

