

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040815.D
 Acq On : 19 Oct 2020 19:32
 Operator : SY/MD
 Sample : L4420-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH5

Quant Time: Oct 20 05:06:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110198	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46605	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.92	69	40135	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.58	63	70267	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.65	46	173213	59.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.56%
24) Chloroform-d	5.08	84	91802	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	5.72	65	54857	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.75	84	163762	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.70	67	55581	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	131913	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.19	79	21644	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.64	63	121763	52.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50192	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	55195	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

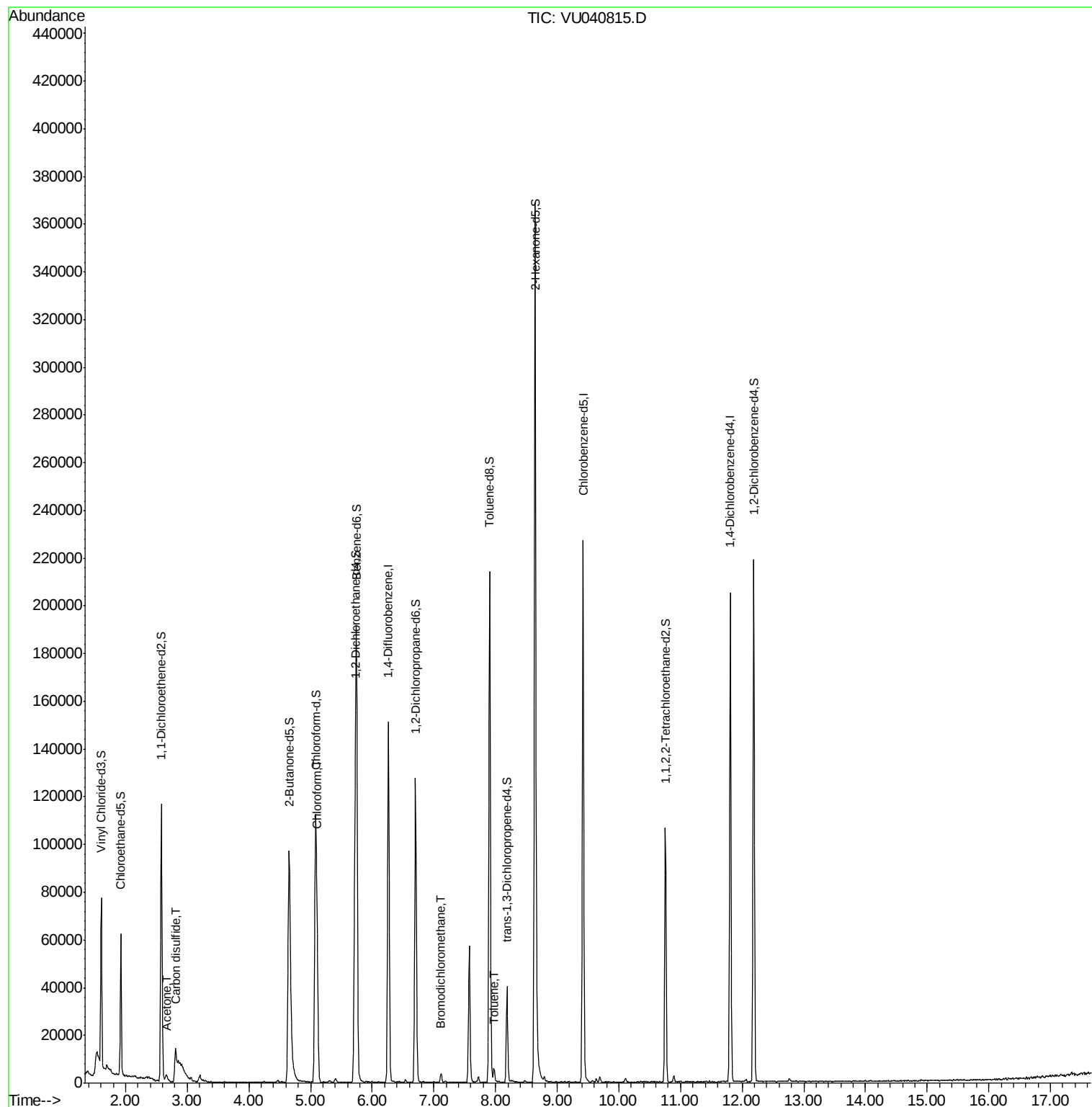
					Ovalue
13) Acetone	2.66	43	4670	2.062 ug/L	94
14) Carbon disulfide	2.81	76	13148	0.597 ug/L	96
25) Chloroform	5.11	83	36325	2.090 ug/L	99
38) Bromodichloromethane	7.12	83	2948	0.218 ug/L #	87
42) Toluene	7.97	91	4037	0.104 ug/L	87

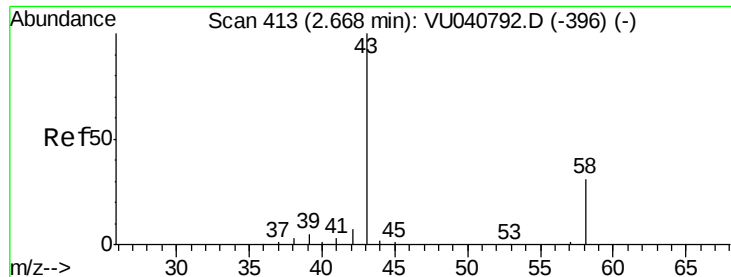
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.062 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU040815.D

Acq: 19 Oct 2020 19:32

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MSVOA_U

ClientSampleId :

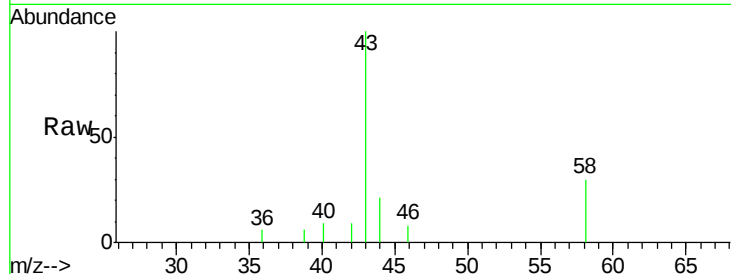
C0AH5

Tot Ion: 43 Resp: 4670

Ion Ratio Lower Upper

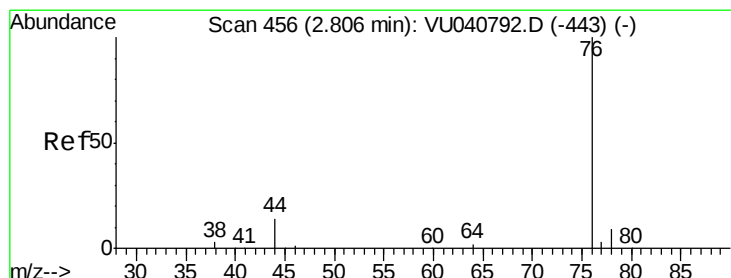
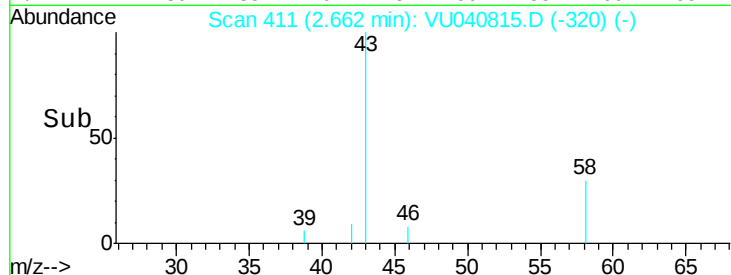
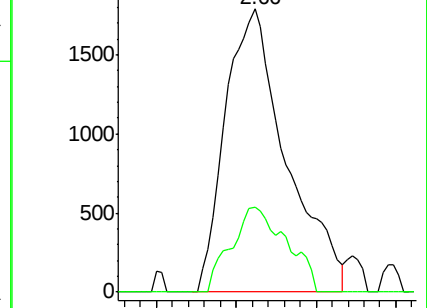
43 100

58 27.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040815.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040815.D (-320) (-)



#14

Carbon disulfide

Concen: 0.597 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040815.D

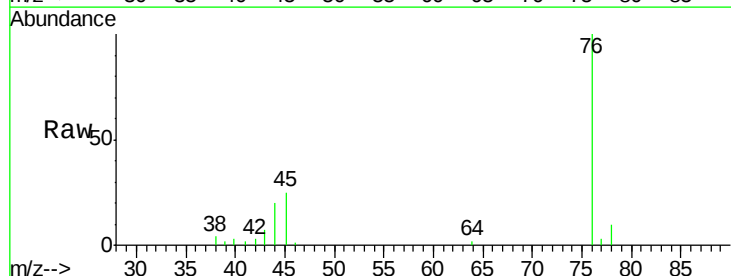
Acq: 19 Oct 2020 19:32

Tgt Ion: 76 Resp: 13148

Ion Ratio Lower Upper

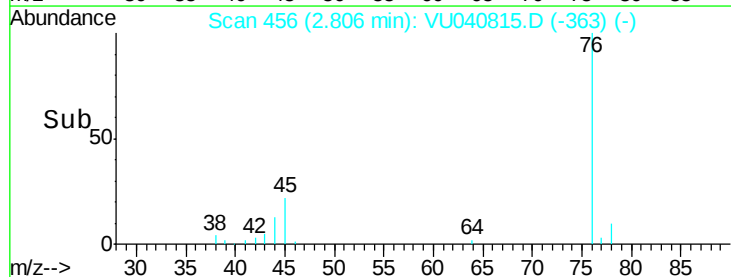
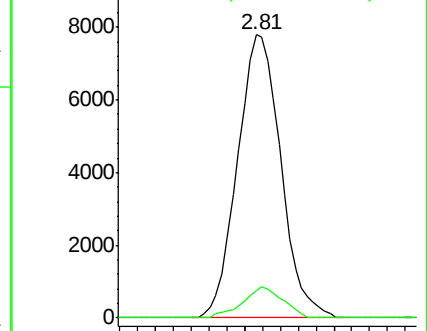
76 100

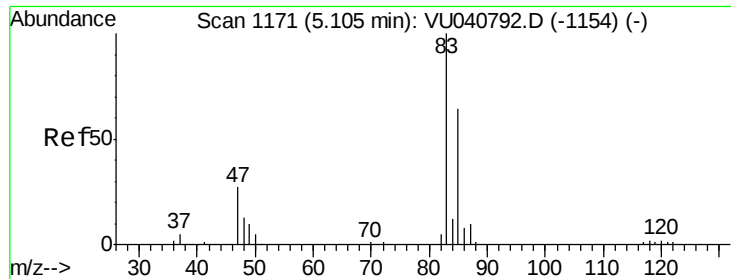
78 9.8 6.8 10.2



Abundance Ion 76.05 (75.75 to 76.75): VU040815.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040815.D (-363) (-)





#25

Chloroform

Concen: 2.090 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040815.D

Acq: 19 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

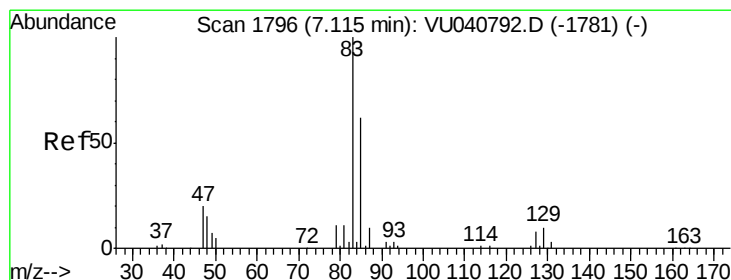
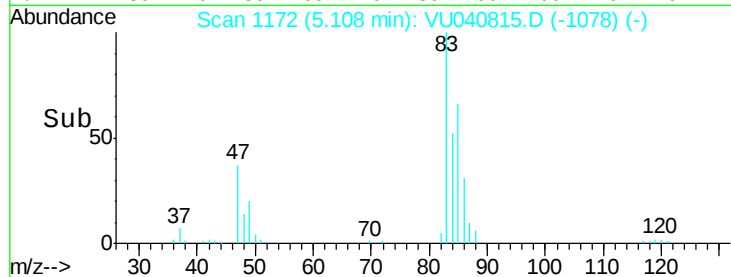
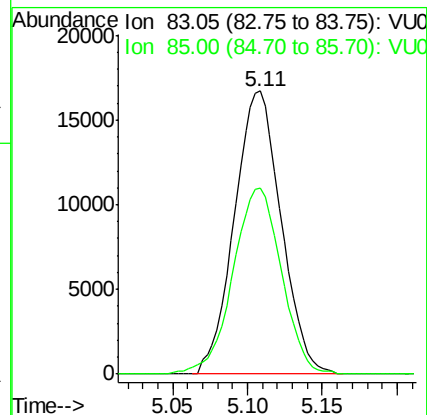
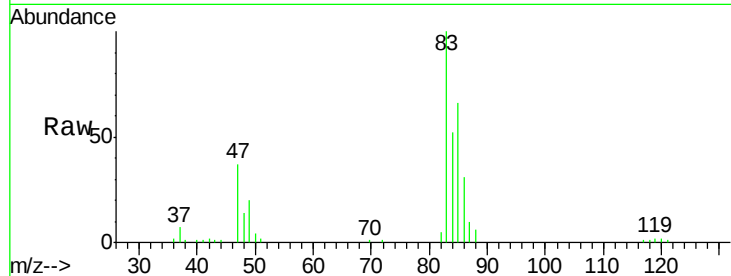
C0AH5

Tot Ion: 83 Resp: 36325

Ion Ratio Lower Upper

83 100

85 65.7 46.5 86.5



#38

Bromodichloromethane

Concen: 0.218 ug/L

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU040815.D

Acq: 19 Oct 2020 19:32

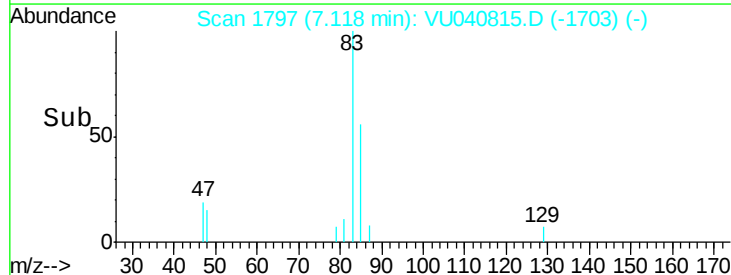
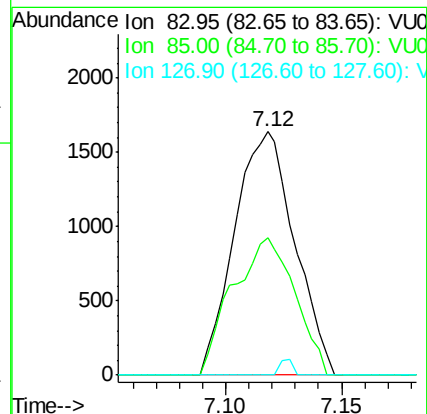
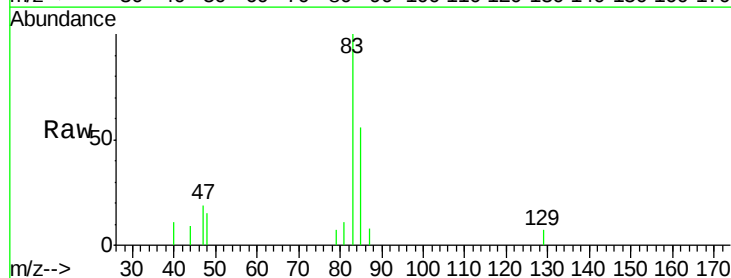
Tgt Ion: 83 Resp: 2948

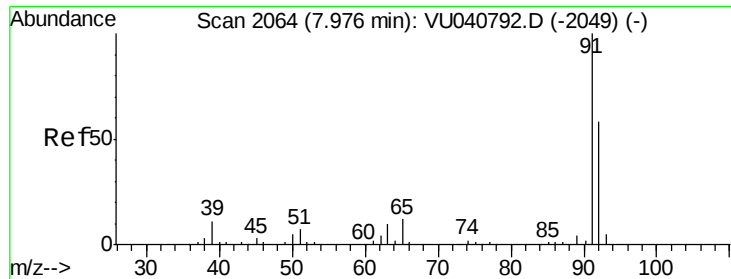
Ion Ratio Lower Upper

83 100

85 56.3 46.0 85.4

127 0.0 6.7 10.1#





#42

Toluene

Concen: 0.104 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040815.D

Acq: 19 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

C0AH5

Tot Ion: 91 Resp: 4037

Ion Ratio Lower Upper

91 100

92 47.8 40.2 74.6

