

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031471.D
 Acq On : 24 Apr 2019 15:26
 Operator : JC/SP
 Sample : K2451-21RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAN02RE

Quant Time: Apr 25 06:32:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	327160	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	318460	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88	0.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.68	69	109842	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.27	63	108232	2.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.00%#
20) 2-Butanone-d5	4.21	46	400558	57.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.08%
24) Chloroform-d	4.64	84	224024	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.31	65	126722	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.33	84	453295	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.33	67	158605	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.57	98	83753	1.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	21.80%#
43) trans-1,3-Dichloropropene-	7.85	79	25036	2.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	45.40%#
46) 2-Hexanone-d5	8.31	63	275353	50.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119036	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	126050	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

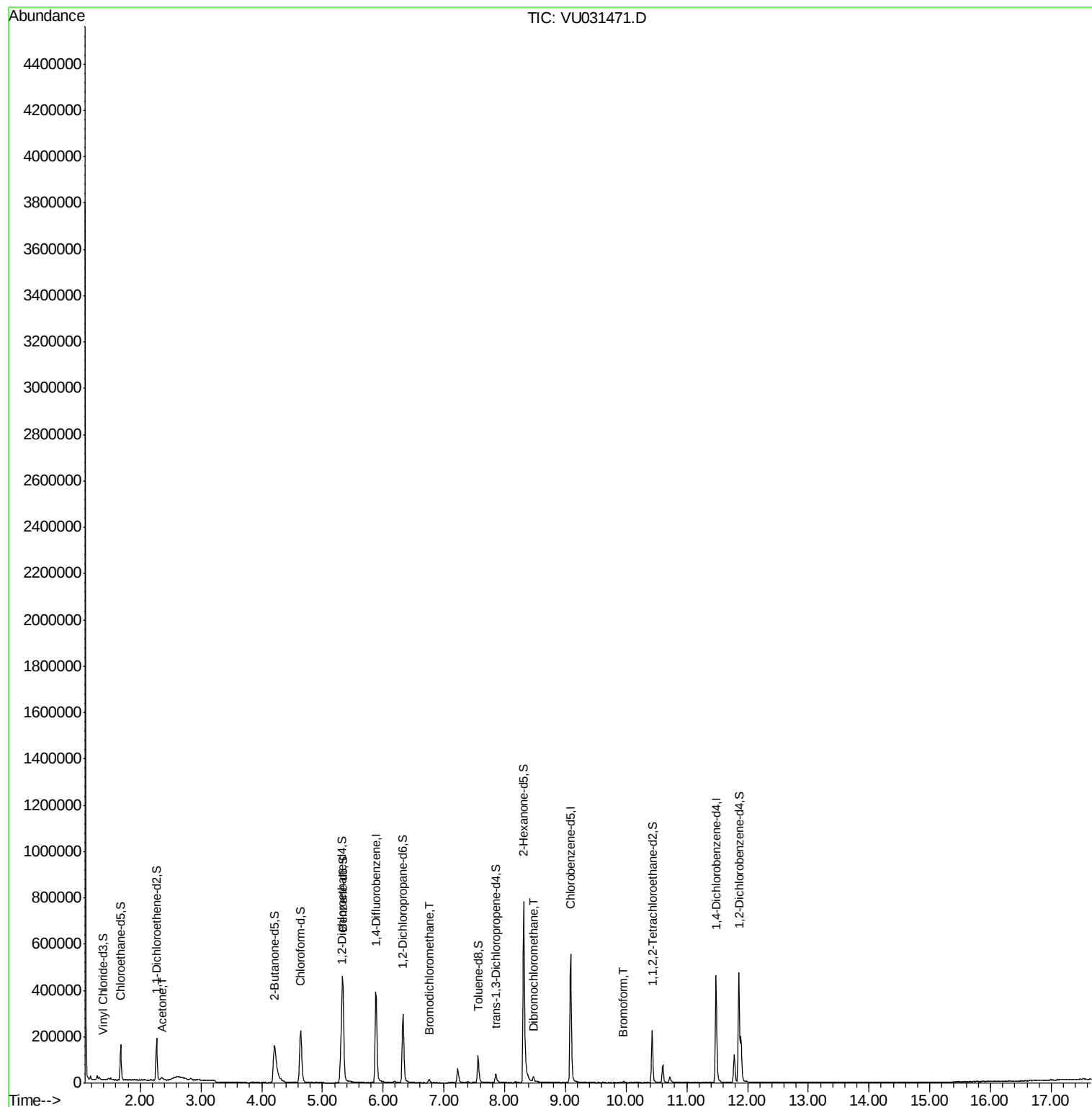
					Ovalue
13) Acetone	2.35	43	19612	3.930 ug/L	79
38) Bromodichloromethane	6.76	83	10991	0.356 ug/L	88
49) Dibromochloromethane	8.47	129	10154	0.504 ug/L	89
61) Bromoform	9.96	173	2646	0.271 ug/L #	91

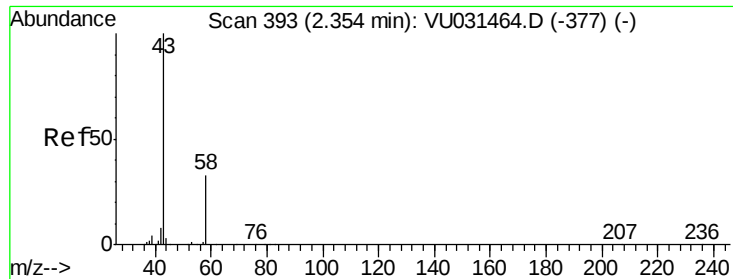
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.930 ug/L

RT: 2.35 min Scan# 393

Delta R.T. -0.00 min

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ClientSampleId :

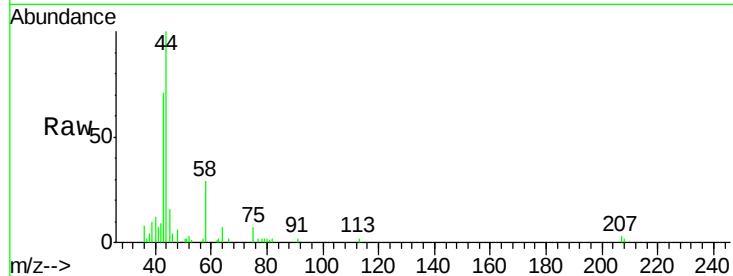
YAN02RE

Tot Ion: 43 Resp: 19612

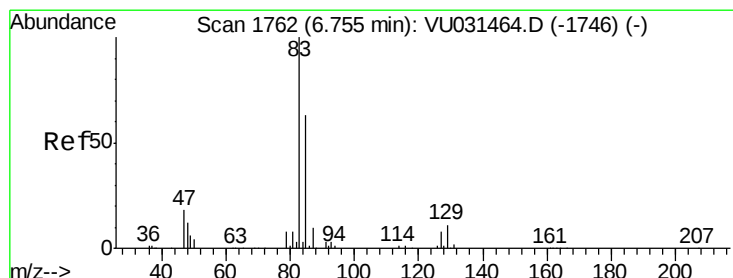
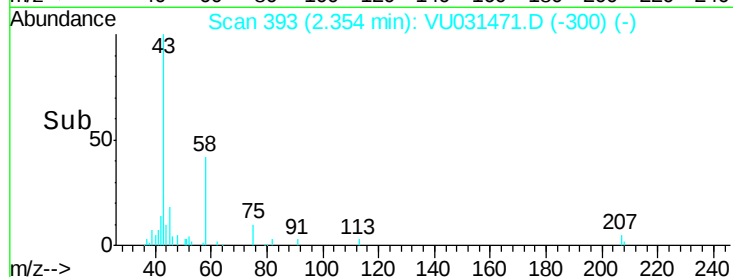
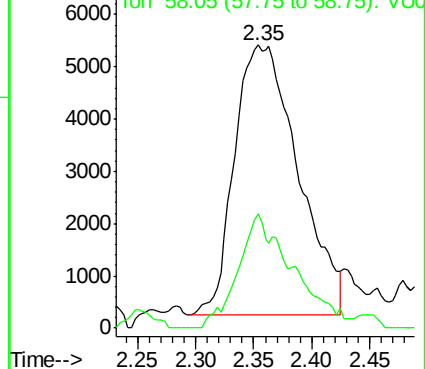
Ion Ratio Lower Upper

43 100

58 19.5 0.0 62.4



Abundance Ion 43.05 (42.75 to 43.75): VU031471.D (-300) (-)



#38

Bromodichloromethane

Concen: 0.356 ug/L

RT: 6.76 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VU031471.D

Acq: 24 Apr 2019 15:26

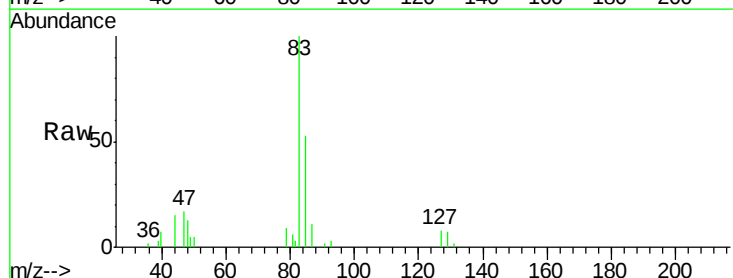
Tgt Ion: 83 Resp: 10991

Ion Ratio Lower Upper

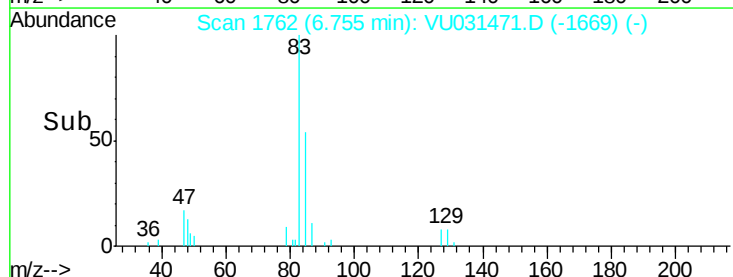
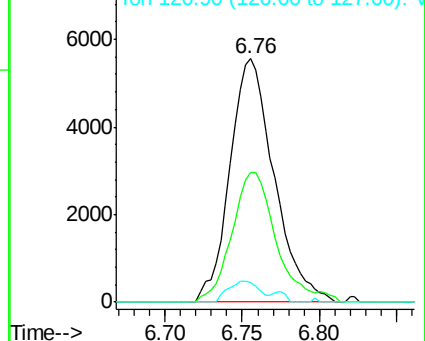
83 100

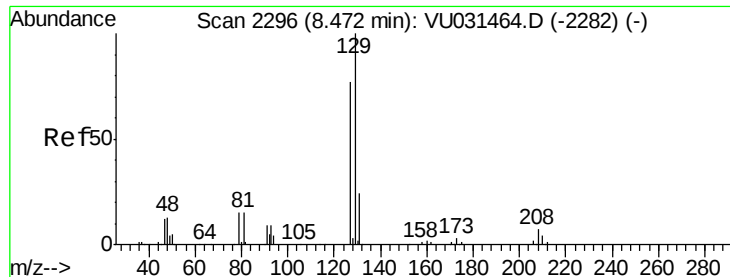
85 53.4 44.8 83.2

127 8.0 6.5 9.7



Abundance Ion 82.95 (82.65 to 83.65): VU031471.D (-1669) (-)





#49

Dibromochloromethane

Concen: 0.504 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU031471.D

Acq: 24 Apr 2019 15:26

Instrument :

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ClientSampleId :

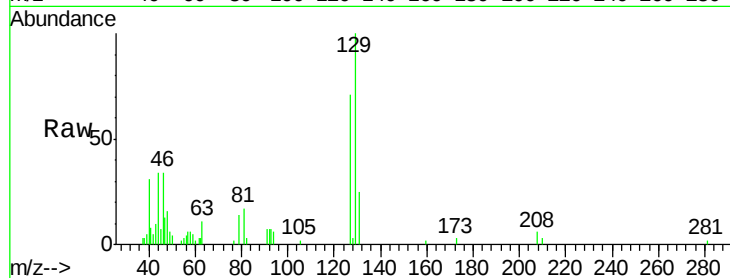
YAN02RE

Tot Ion:129 Resp: 10154

Ion Ratio Lower Upper

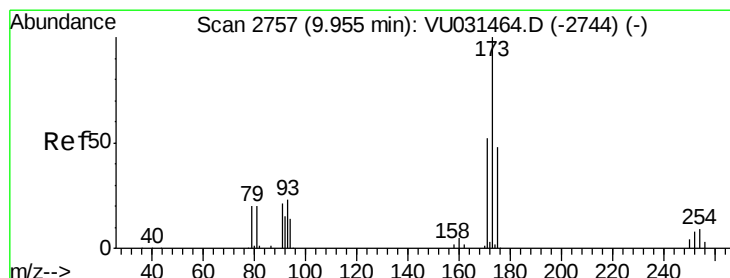
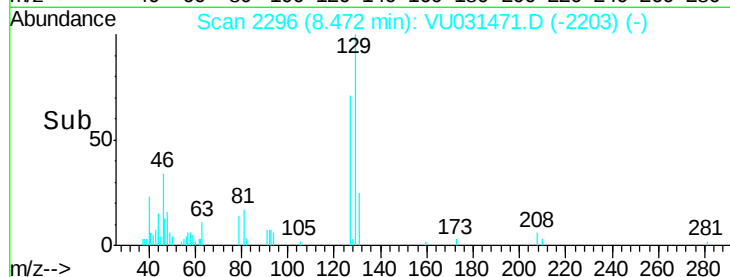
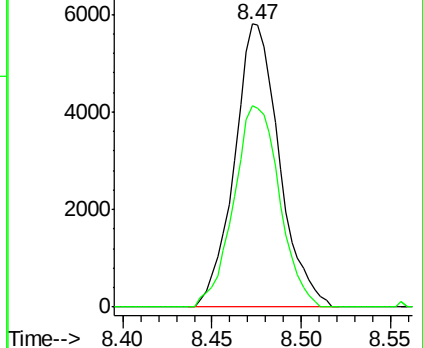
129 100

127 71.2 56.6 105.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#61

Bromoform

Concen: 0.271 ug/L

RT: 9.96 min Scan# 2759

Delta R.T. 0.01 min

Lab File: VU031471.D

Acq: 24 Apr 2019 15:26

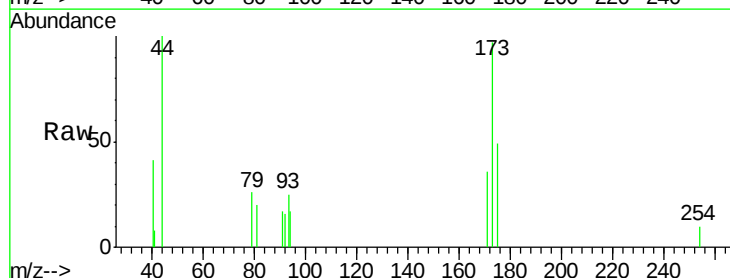
Tgt Ion:173 Resp: 2646

Ion Ratio Lower Upper

173 100

175 56.5 39.9 59.9

254 5.8 7.1 10.7#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

