

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041919\
 Data File : VU031341.D
 Acq On : 19 Apr 2019 06:52
 Operator : JC/SP
 Sample : K2451-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMY7

Quant Time: Apr 27 05:22:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 07:47:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228276	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81728	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90677	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.68	69	74669	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.27	63	137667	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.20	46	286133	58.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.92%
24) Chloroform-d	4.64	84	173879	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.31	65	95195	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.34	84	317448	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.33	67	113691	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.80%
41) Toluene-d8	7.56	98	244773	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	34362	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.32	63	187466	50.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88210	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	88127	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

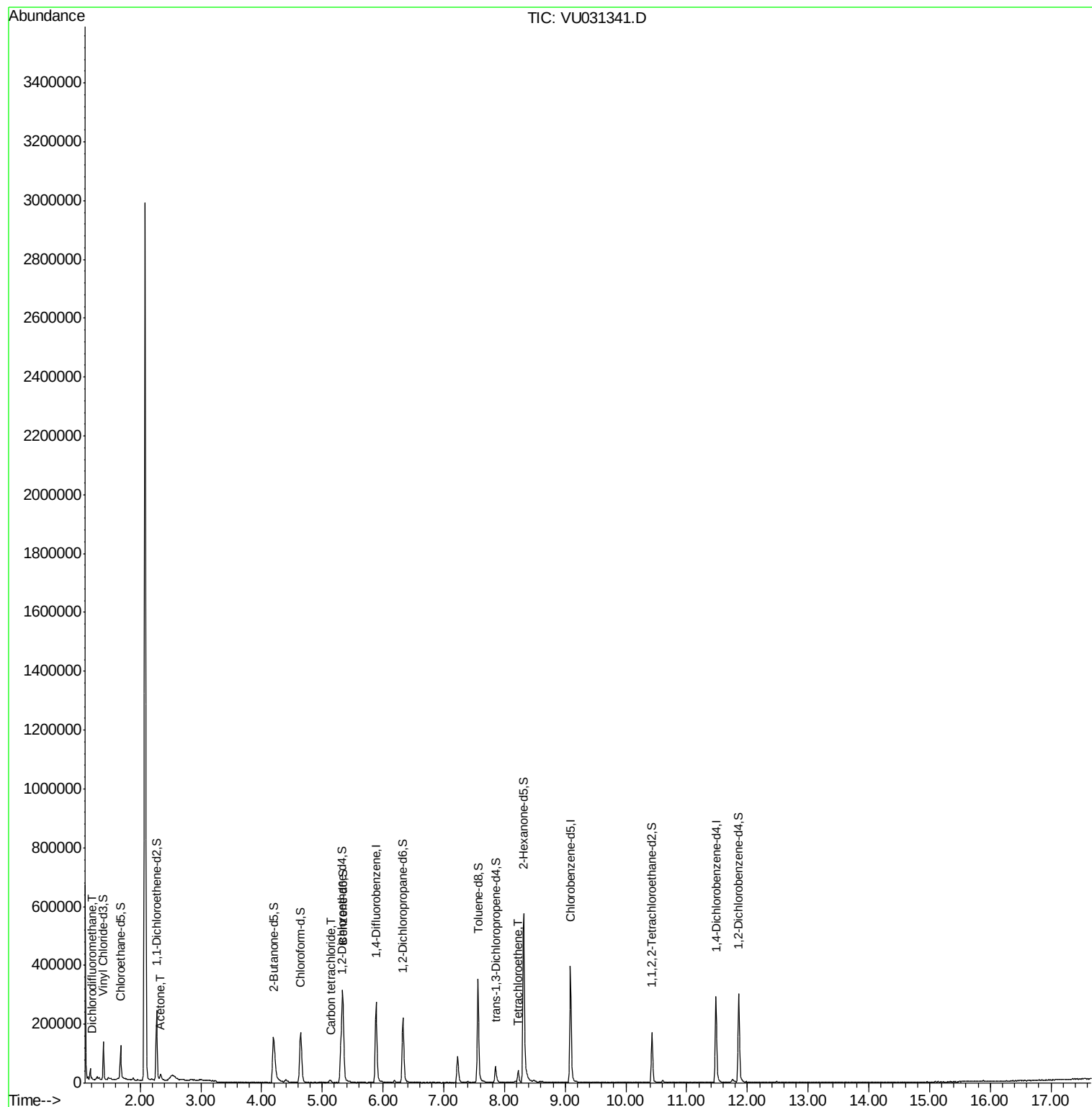
					Ovalue
2) Dichlorodifluoromethane	1.20	85	3599	0.138 ug/L	100
13) Acetone	2.34	43	19779	3.632 ug/L	98
31) Carbon tetrachloride	5.13	117	6593	0.239 ug/L	97
47) Tetrachloroethene	8.23	164	9226	0.591 ug/L	98

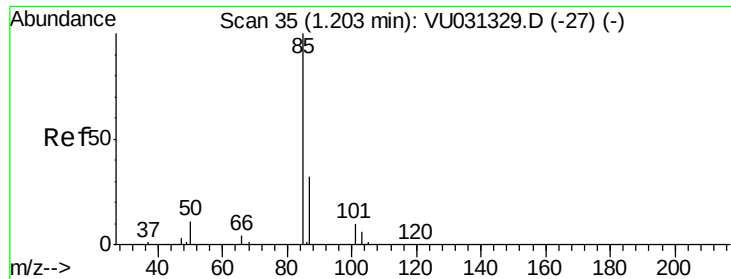
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.138 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

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Acq: 19 Apr 2019 06:52

Instrument :

MSVOA_U

ClientSampleId :

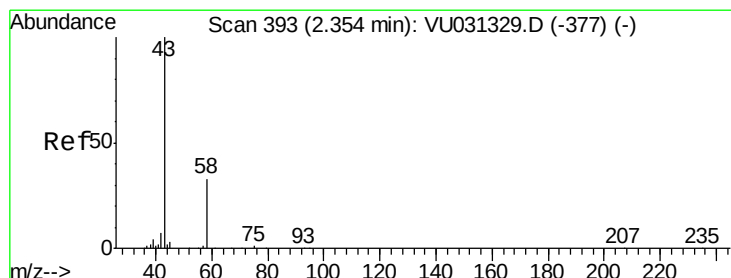
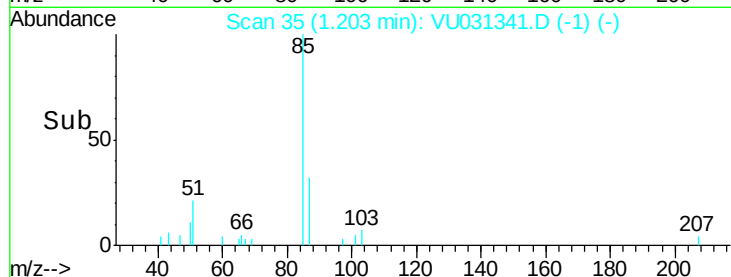
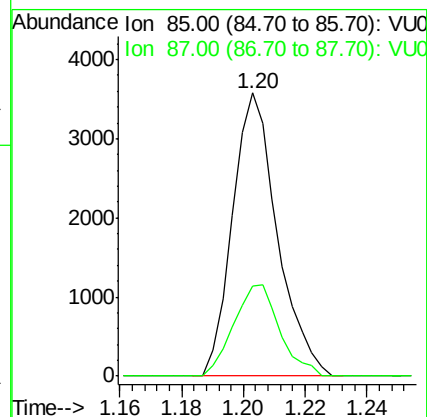
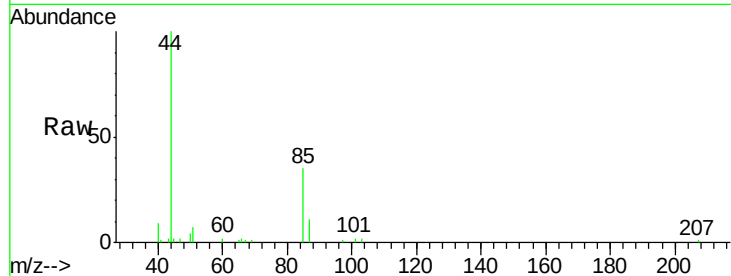
YAMY7

Tot Ion: 85 Resp: 3599

Ion Ratio Lower Upper

85 100

87 33.4 26.8 40.2



#13

Acetone

Concen: 3.632 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU031341.D

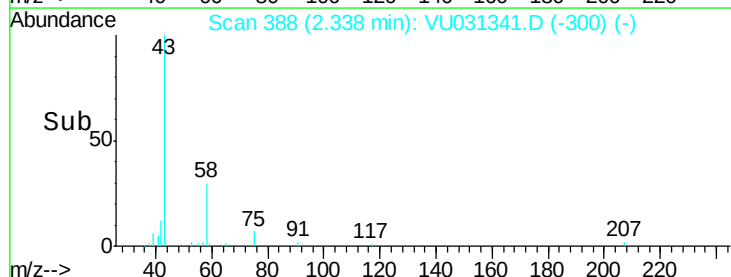
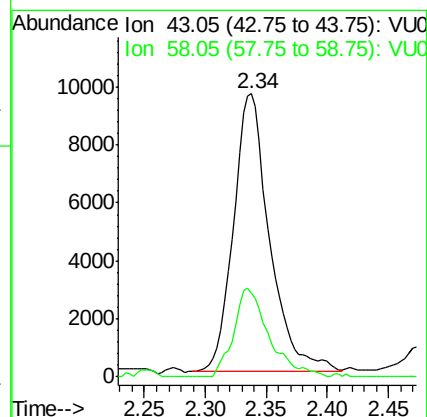
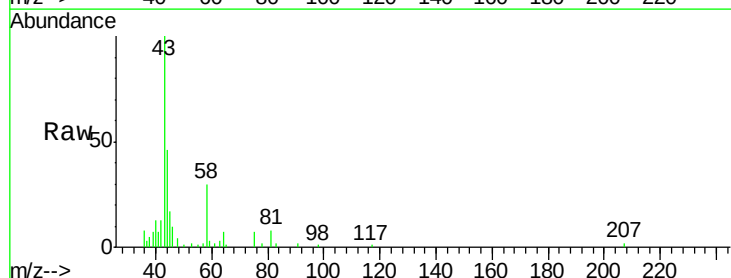
Acq: 19 Apr 2019 06:52

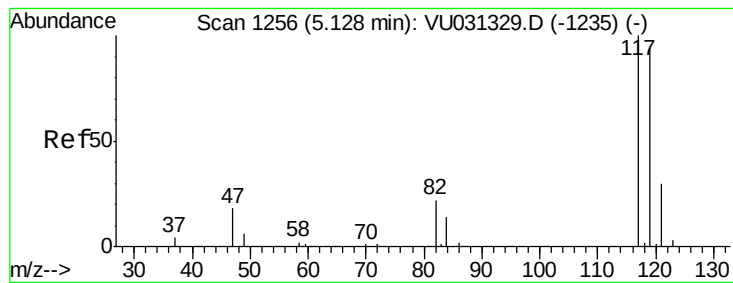
Tgt Ion: 43 Resp: 19779

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.4





#31

Carbon tetrachloride

Concen: 0.239 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

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Acq: 19 Apr 2019 06:52

Instrument :

MSVOA_U

ClientSampleId :

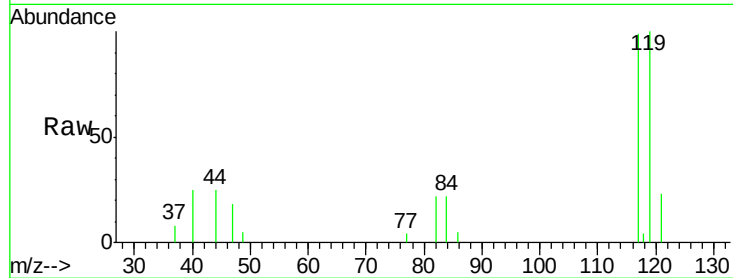
YAMY7

Tot Ion:117 Resp: 6593

Ion Ratio Lower Upper

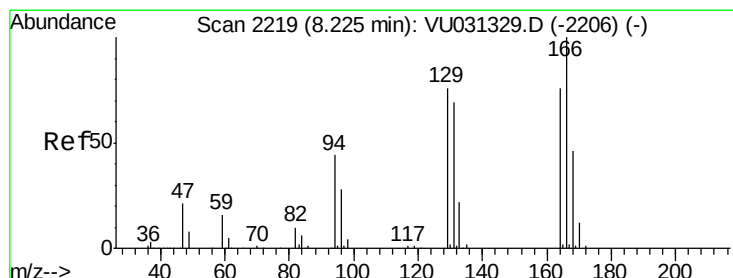
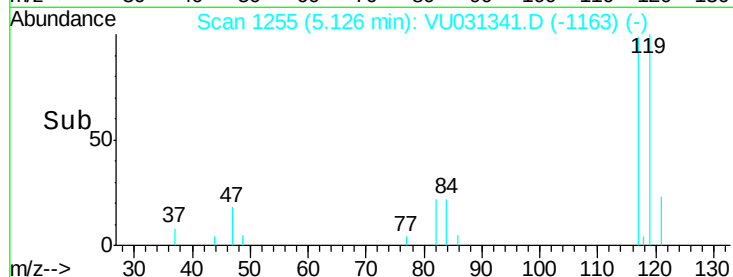
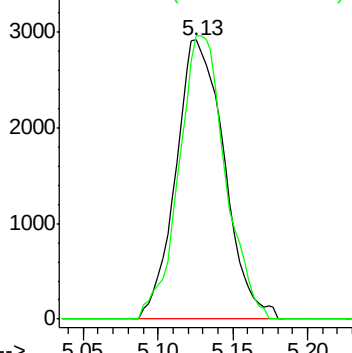
117 100

119 96.9 79.6 119.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#47

Tetrachloroethene

Concen: 0.591 ug/L

RT: 8.23 min Scan# 2219

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 9226

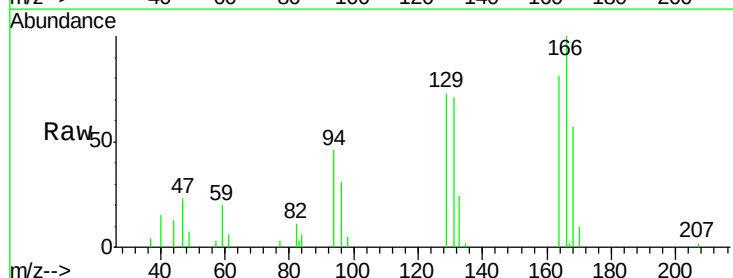
Ion Ratio Lower Upper

164 100

129 90.1 61.9 114.9

131 87.7 61.5 114.3

166 123.9 84.6 157.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

