

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021819\
 Data File : VU029535.D
 Acq On : 18 Feb 2019 17:20
 Operator : JC/SP
 Sample : K1522-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM3

Quant Time: Feb 19 01:40:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 19 00:19:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211218	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56190	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.68	69	52972	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.27	63	94338	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.19	46	150164	50.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	4.65	84	94876	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.31	65	58483	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	221072	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.33	67	67472	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.56	98	215784	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.85	79	27864	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.31	63	150214	49.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60549	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	96622	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

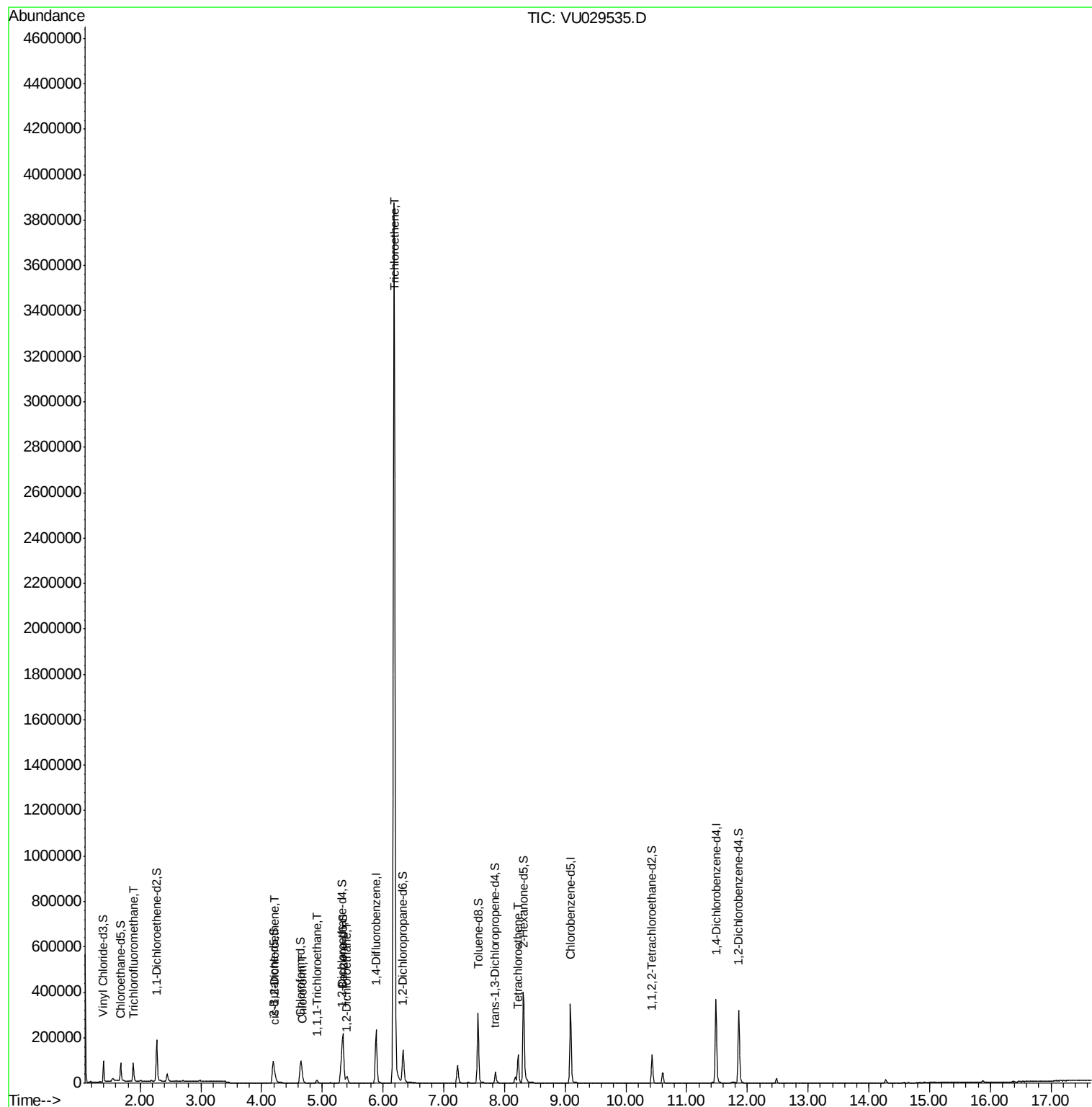
					Ovalue
9) Trichlorofluoromethane	1.89	101	47666	1.531 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	5889	0.345 ug/L	100
25) Chloroform	4.67	83	15301	0.548 ug/L	98
27) 1,2-Dichloroethane	5.41	62	21084	1.304 ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	9177	0.361 ug/L	98
34) Trichloroethene	6.18	95	1307709	76.820 ug/L	98
47) Tetrachloroethene	8.22	164	30882	1.981 ug/L	94

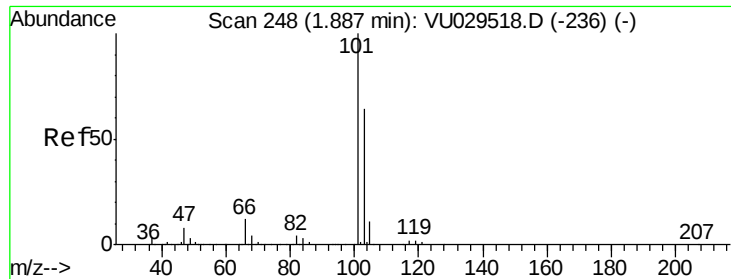
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.531 ug/L

RT: 1.89 min Scan# 248

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

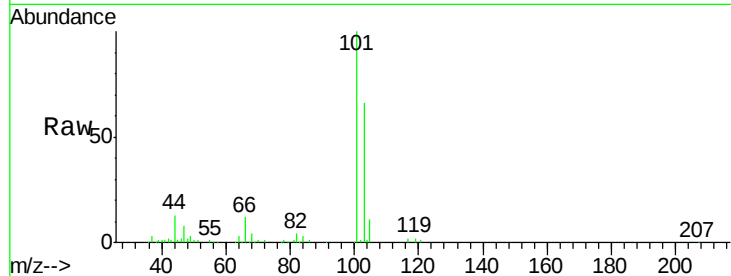
C0AM3

Tot Ion:101 Resp: 47666

Ion Ratio Lower Upper

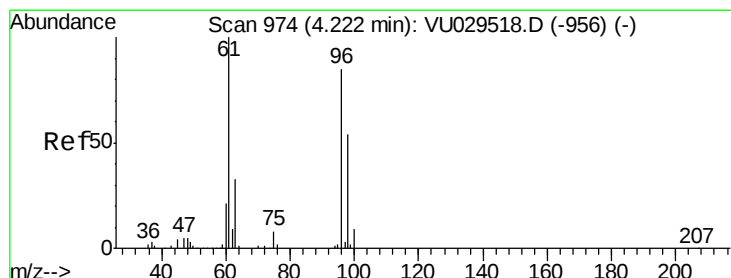
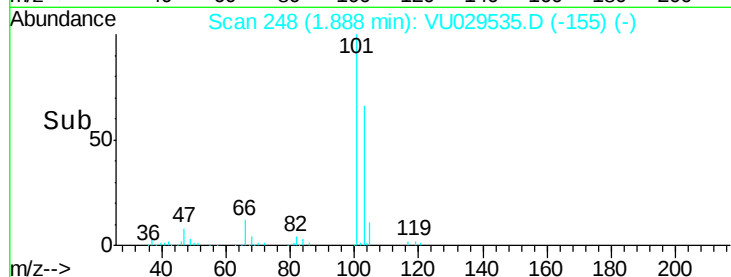
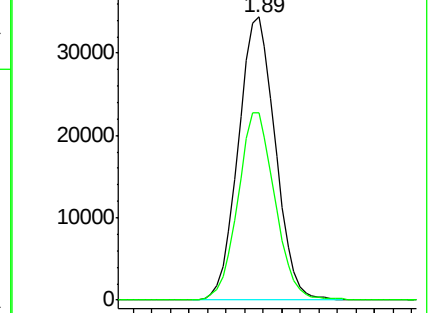
101 100

103 66.5 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#22

cis-1,2-Dichloroethene

Concen: 0.345 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029535.D

Acq: 18 Feb 2019 17:20

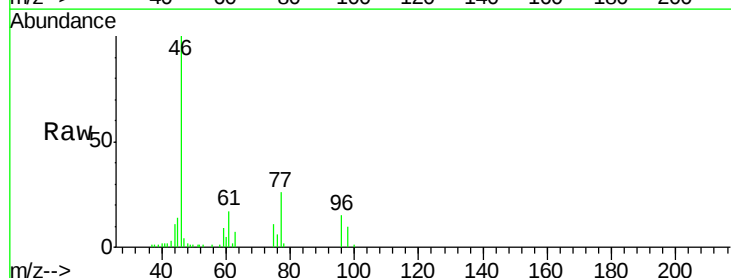
Tgt Ion: 96 Resp: 5889

Ion Ratio Lower Upper

96 100

61 114.1 79.9 148.5

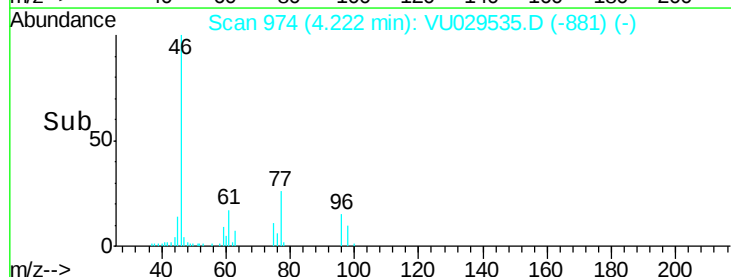
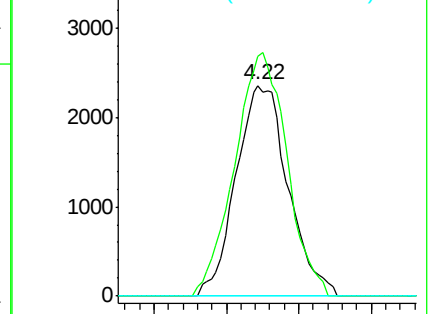
68 0.0 0.0 0.0

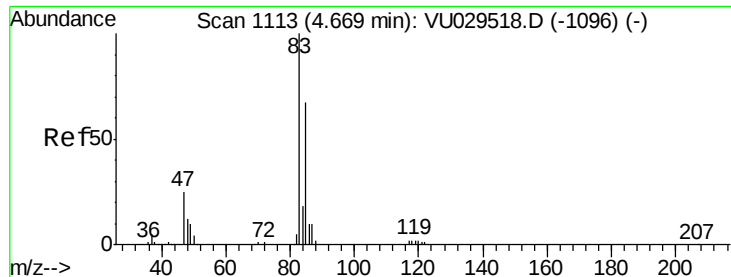


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.548 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029535.D

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ClientSampleId :

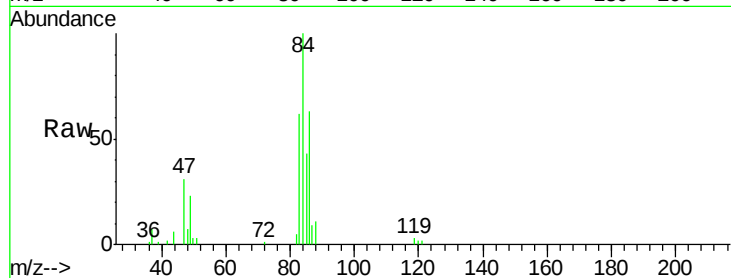
C0AM3

Tot Ion: 83 Resp: 15301

Ion Ratio Lower Upper

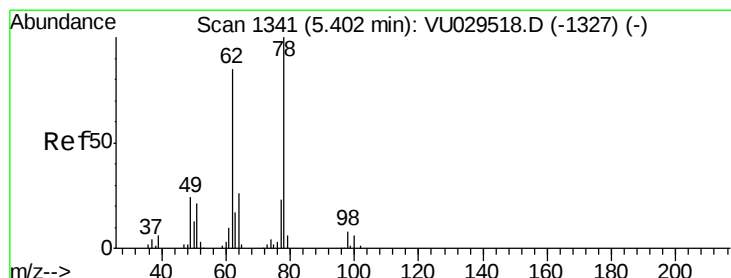
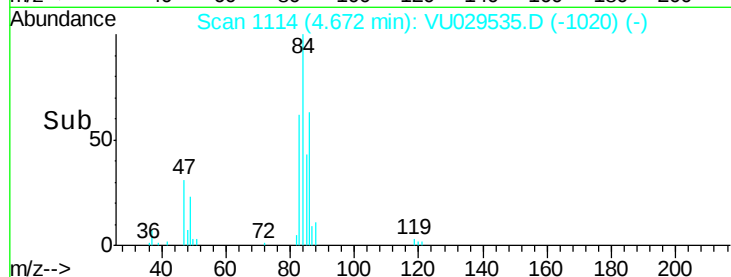
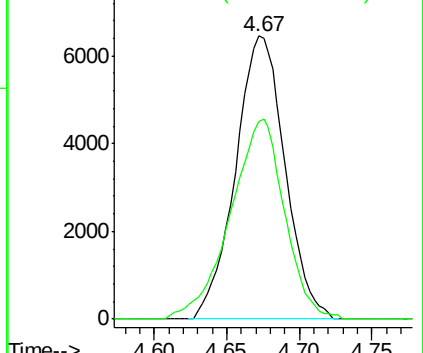
83 100

85 69.6 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#27

1,2-Dichloroethane

Concen: 1.304 ug/L

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029535.D

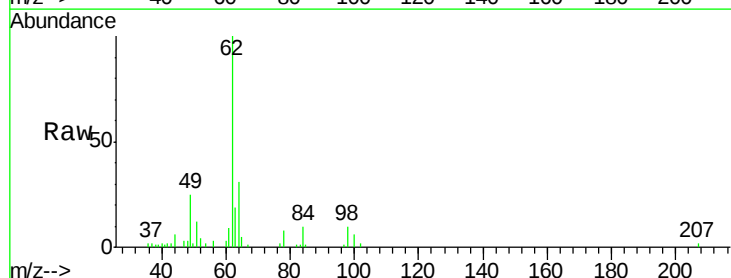
Acq: 18 Feb 2019 17:20

Tgt Ion: 62 Resp: 21084

Ion Ratio Lower Upper

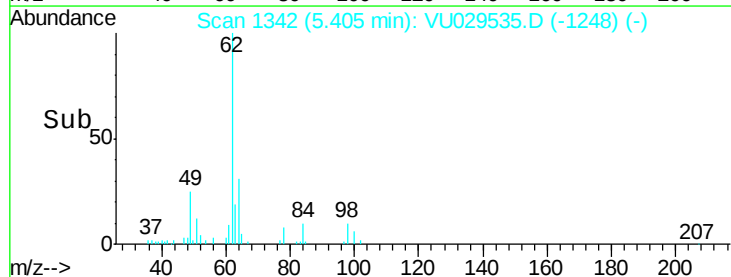
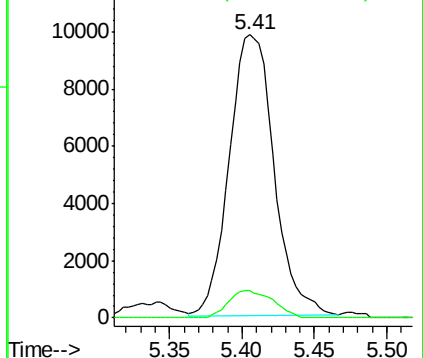
62 100

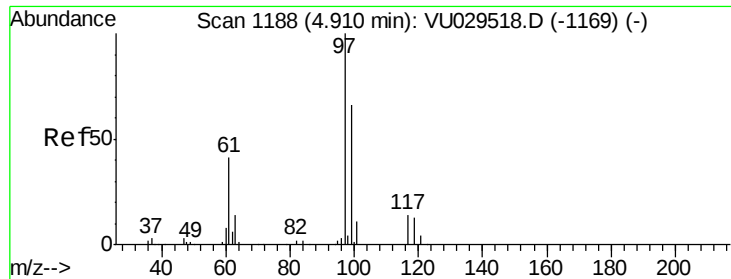
98 9.6 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

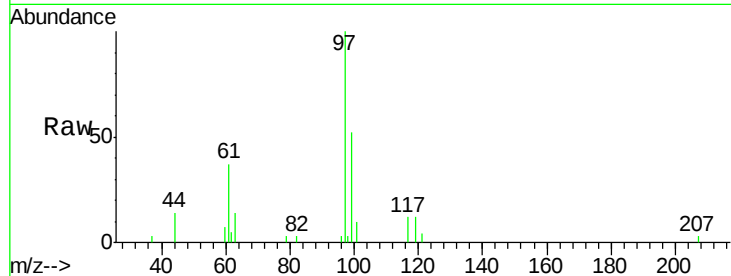




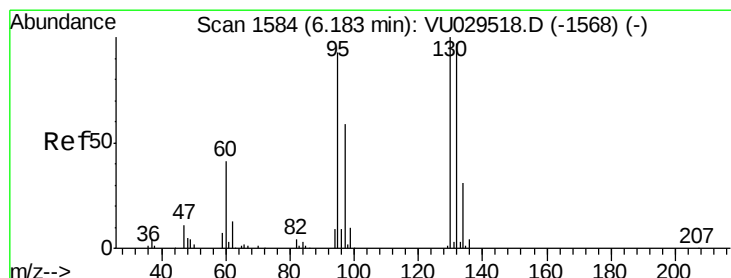
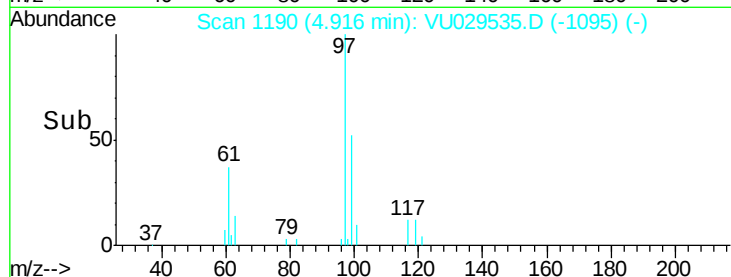
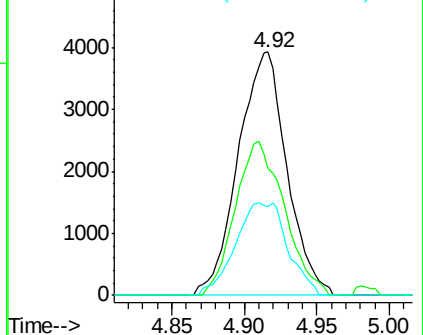
#29
 1,1,1-Trichloroethane
 Concen: 0.361 ug/L
 RT: 4.92 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: VU029535.D
 Acq: 18 Feb 2019 17:20

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 ClientSampleId :
 C0AM3

Tot Ion: 97 Resp: 9177
 Ion Ratio Lower Upper
 97 100
 99 63.7 52.2 78.2
 61 40.7 32.0 48.0

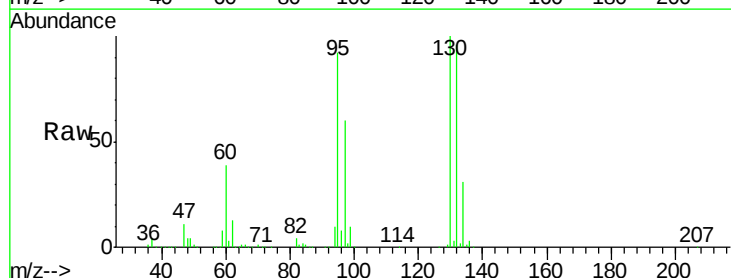


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

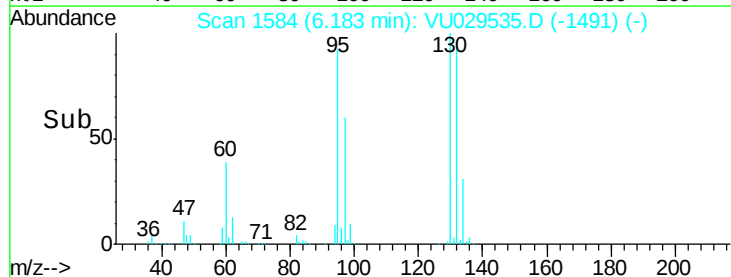
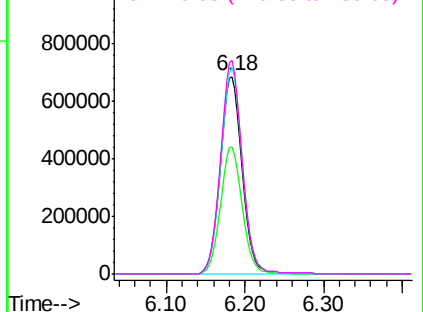


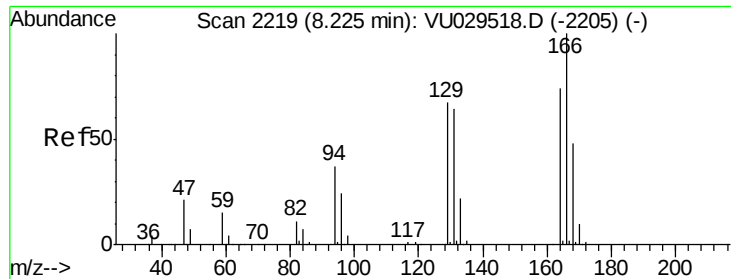
#34
 Trichloroethene
 Concen: 76.820 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029535.D
 Acq: 18 Feb 2019 17:20

Tgt Ion: 95 Resp: 1307709
 Ion Ratio Lower Upper
 95 100
 97 64.5 46.3 86.1
 132 104.4 72.9 135.3
 130 108.3 79.2 147.0



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 1.981 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029535.D

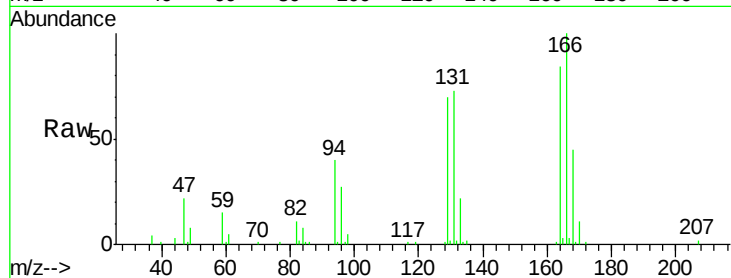
Acq: 18 Feb 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

C0AM3



Tot Ion:164 Resp: 30882

Ion Ratio Lower Upper

164 100

129 83.8 62.9 116.9

131 86.9 62.1 115.3

166 119.6 89.8 166.8

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

