

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071918\
 Data File : VU025518.D
 Acq On : 19 Jul 2018 13:36
 Operator : MD/SY
 Sample : J3984-13DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL

Quant Time: Jul 20 02:57:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284473	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60502	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.38%
7) Chloroethane-d5	1.68	69	56815	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.82%
11) 1,1-Dichloroethene-d2	2.28	63	106292	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.17	46	166583	106.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.59%
24) Chloroform-d	4.65	84	176924	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.31	65	123663	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
32) Benzene-d6	5.35	84	324627	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.33	67	108638	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.57	98	304493	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.85	79	52560	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.70%
47) 2-Hexanone-d5	8.31	63	123891	104.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	167897	49.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	136582	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

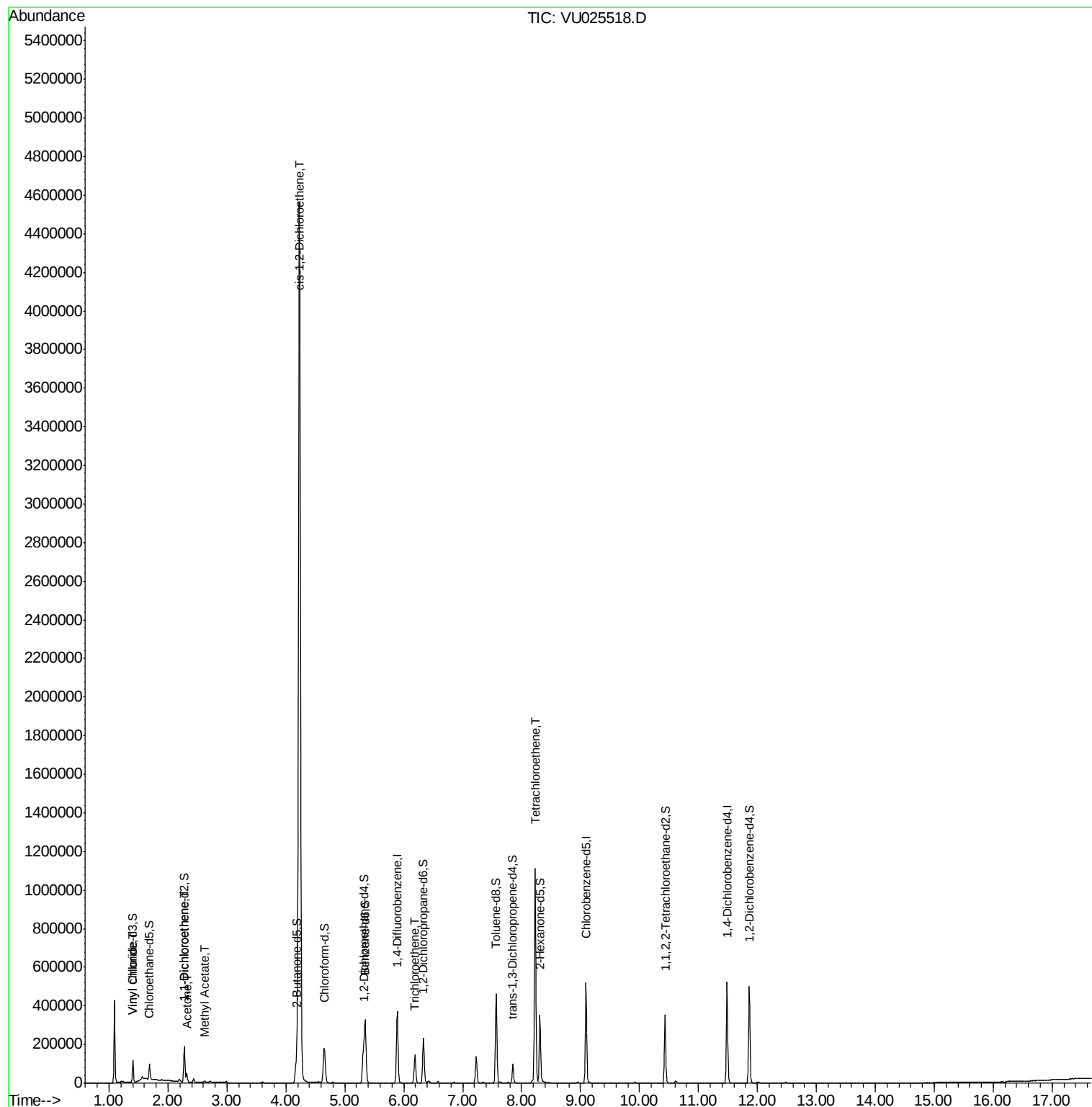
						Ovalue
5) Vinyl chloride	1.41	62	17815	7.81	ug/L	91
12) 1,1-Dichloroethene	2.29	96	3448	2.04	ug/L	# 1
13) Acetone	2.32	43	49204	36.05	ug/L	98
15) Methyl Acetate	2.62	43	4756	1.89	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	2562051	1048.06	ug/L	98
34) Trichloroethene	6.19	95	49807	22.36	ug/L	98
46) Tetrachloroethene	8.23	164	250155	134.60	ug/L	99

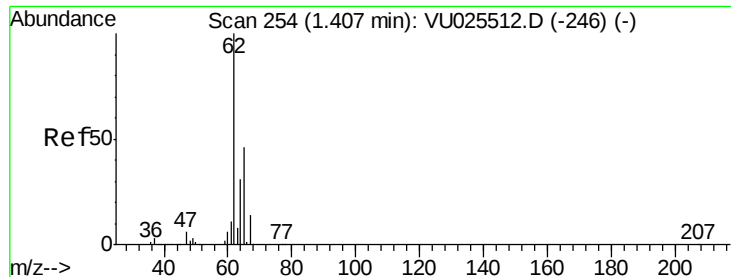
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 02:44:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.81 ug/L

RT: 1.41 min Scan# 254

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

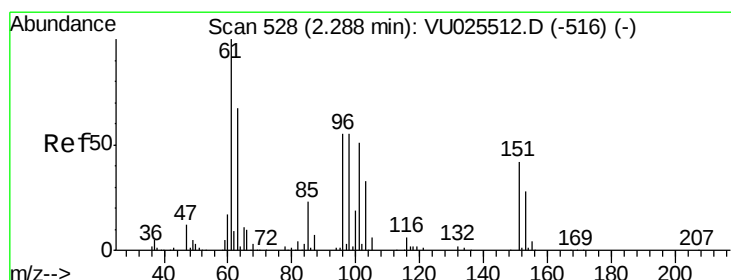
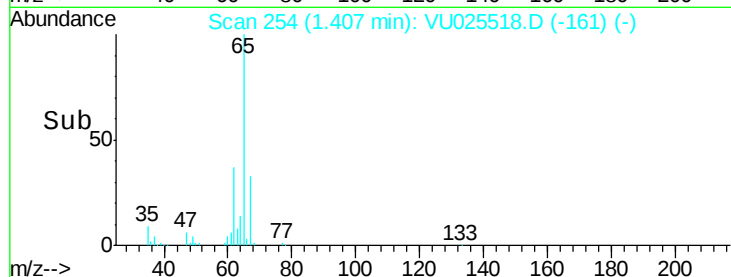
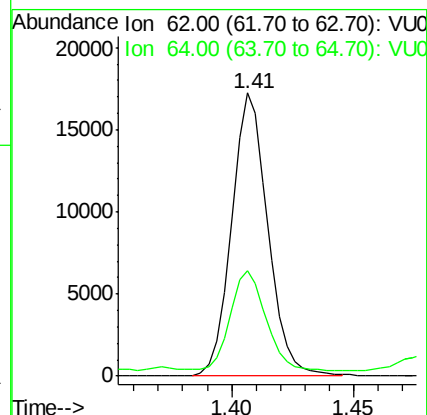
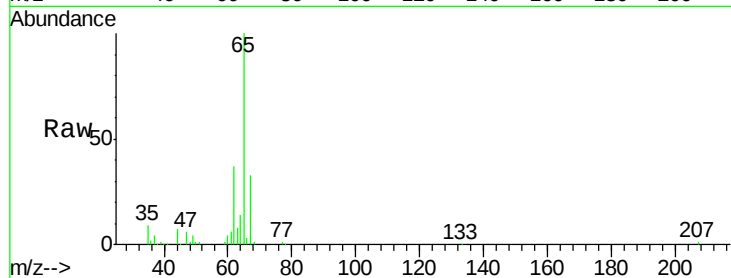
DB189DL

Tot Ion: 62 Resp: 17815

Ion Ratio Lower Upper

62 100

64 37.3 22.7 42.1



#12

1,1-Dichloroethene

Concen: 2.04 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025518.D

Acq: 19 Jul 2018 13:36

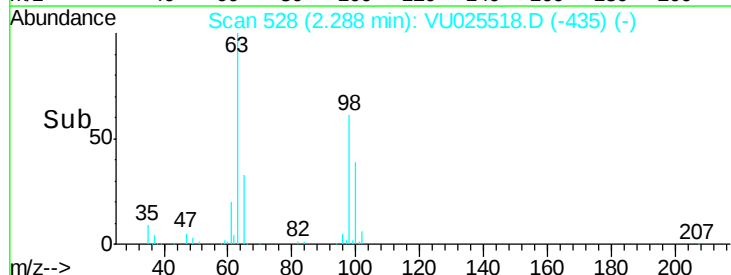
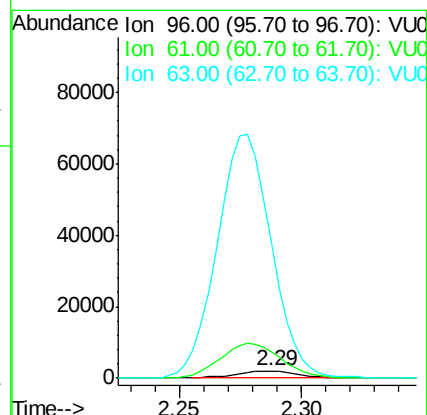
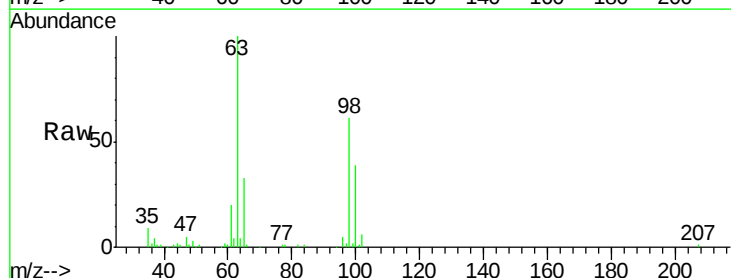
Tgt Ion: 96 Resp: 3448

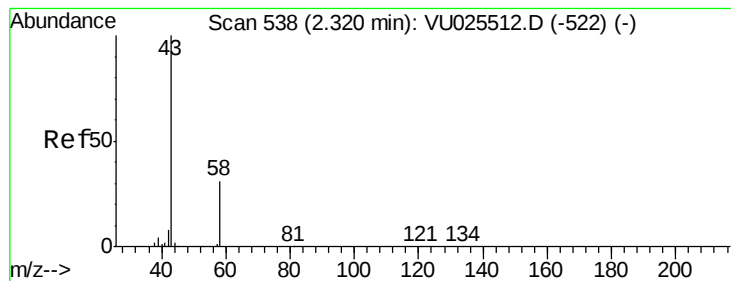
Ion Ratio Lower Upper

96 100

61 374.6 120.6 224.0#

63 1903.4 79.3 147.3#





#13

Acetone

Concen: 36.05 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025518.D

Acq: 19 Jul 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

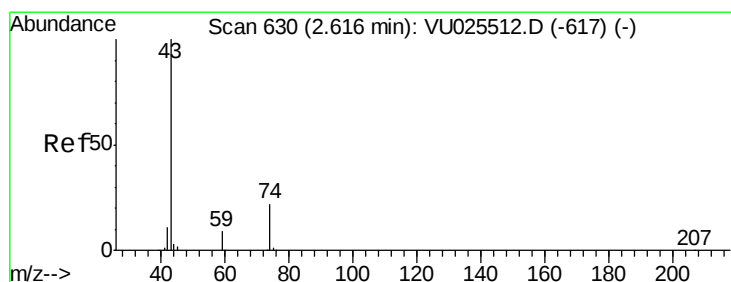
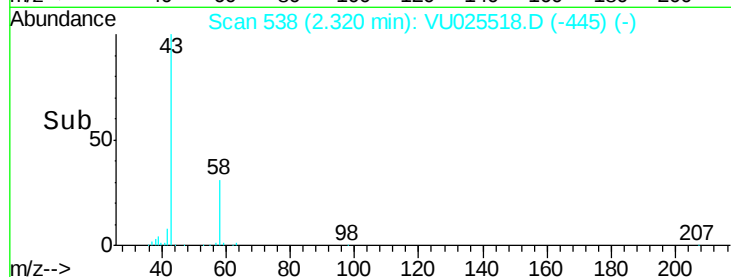
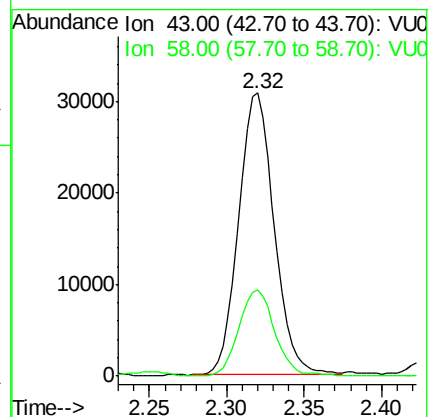
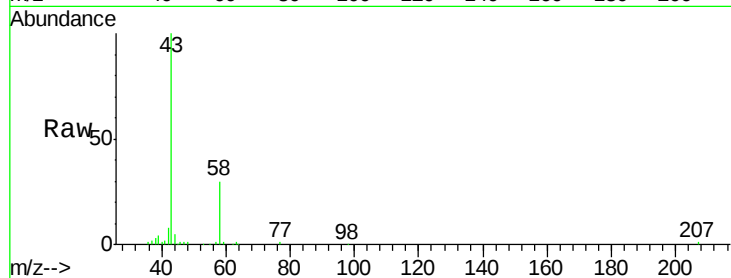
DB189DL

Tot Ion: 43 Resp: 49204

Ion Ratio Lower Upper

43 100

58 30.7 0.0 59.0



#15

Methyl Acetate

Concen: 1.89 ug/L

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025518.D

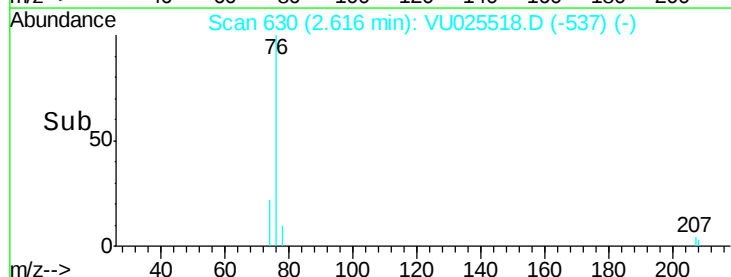
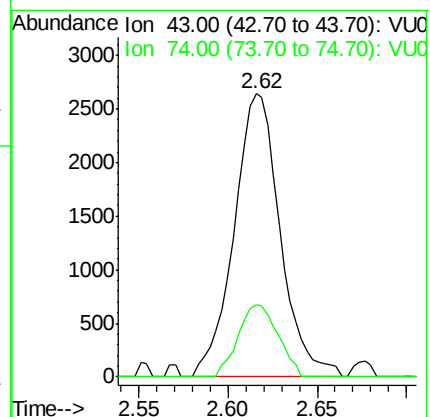
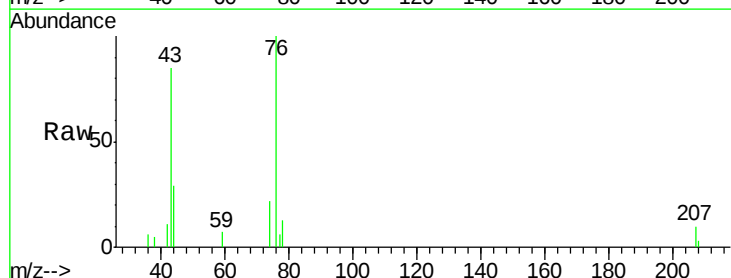
Acq: 19 Jul 2018 13:36

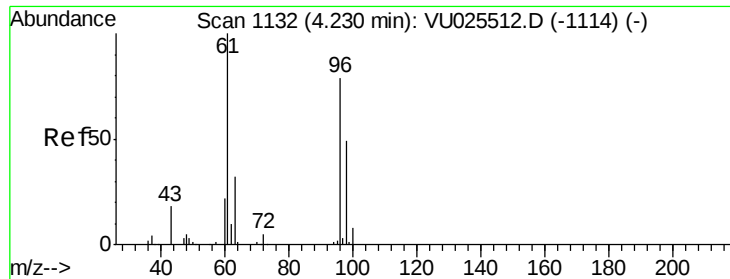
Tgt Ion: 43 Resp: 4756

Ion Ratio Lower Upper

43 100

74 22.0 17.8 26.8

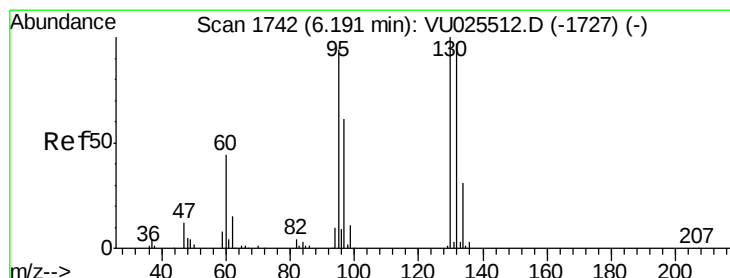
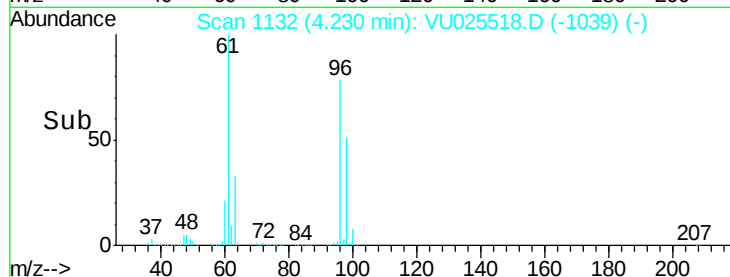
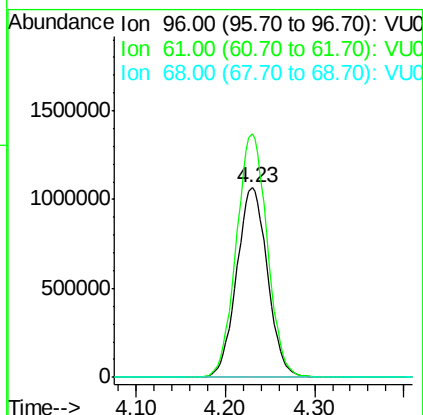
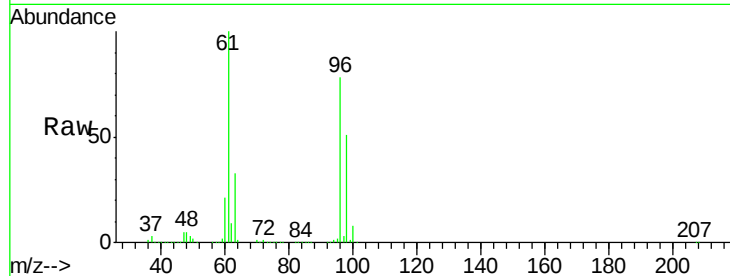




#20
 cis-1,2-Dichloroethene
 Concen: 1048.06 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025518.D
 Acq: 19 Jul 2018 13:36

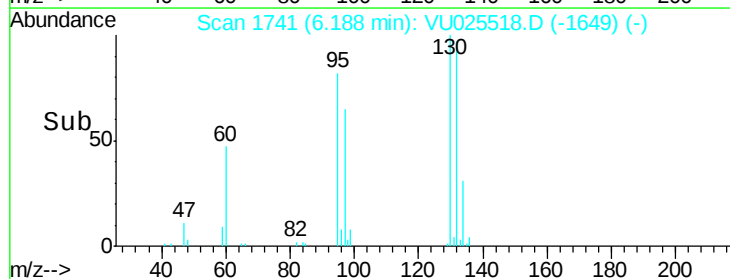
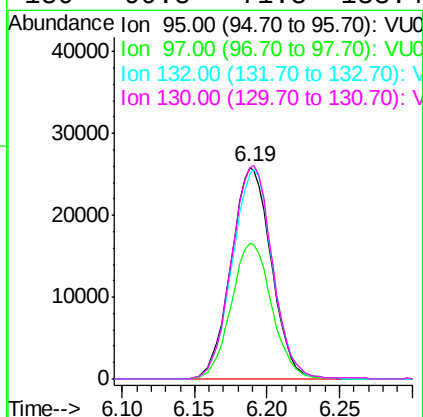
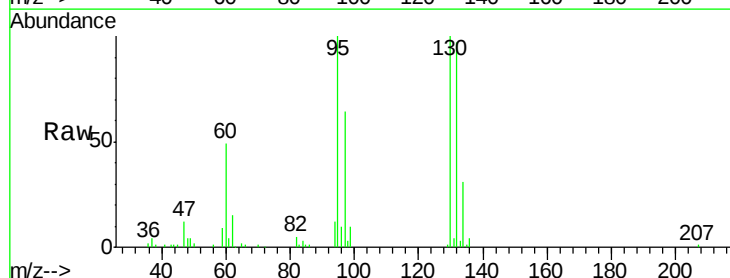
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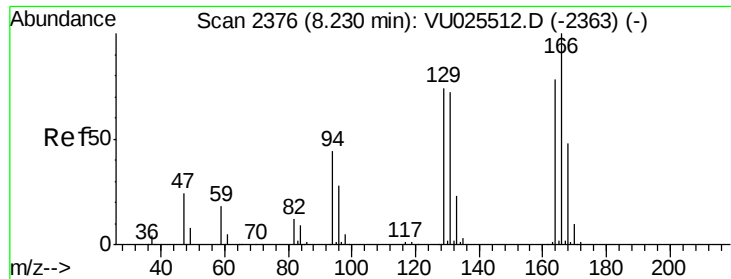
Tot Ion: 96 Resp: 2562051
 Ion Ratio Lower Upper
 96 100
 61 128.3 91.7 170.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 22.36 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025518.D
 Acq: 19 Jul 2018 13:36

Tgt Ion: 95 Resp: 49807
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.9 85.3
 132 96.5 68.2 126.6
 130 99.8 71.8 133.4





#46

Tetrachloroethene

Concen: 134.60 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025518.D

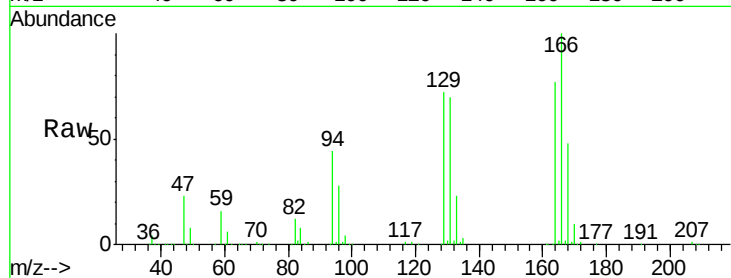
Acq: 19 Jul 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

DB189DL



Tot Ion:164 Resp: 250155

Ion Ratio Lower Upper

164 100

129 93.9 66.5 123.5

131 90.8 63.7 118.3

166 130.3 90.8 168.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

