

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026603.D
 Acq On : 07 Sep 2018 01:28
 Operator : MD/SY
 Sample : J4750-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY5

Quant Time: Sep 07 05:31:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156104	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145785	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60270	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55588	57.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.94%
7) Chloroethane-d5	1.68	69	49234	56.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.72%
11) 1,1-Dichloroethene-d2	2.27	63	77994	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.62%
21) 2-Butanone-d5	4.18	46	89166	118.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.78%
24) Chloroform-d	4.65	84	96984	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.18%
26) 1,2-Dichloroethane-d4	5.31	65	66656	54.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.62%
32) Benzene-d6	5.34	84	196097	58.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.72%
36) 1,2-Dichloropropane-d6	6.33	67	68674	59.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.98%
41) Toluene-d8	7.57	98	173753	53.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.14%
43) trans-1,3-Dichloropropene-	7.85	79	27798	52.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.48%
47) 2-Hexanone-d5	8.31	63	63049	119.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92386	54.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	66653	60.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.90%#

Target Compounds

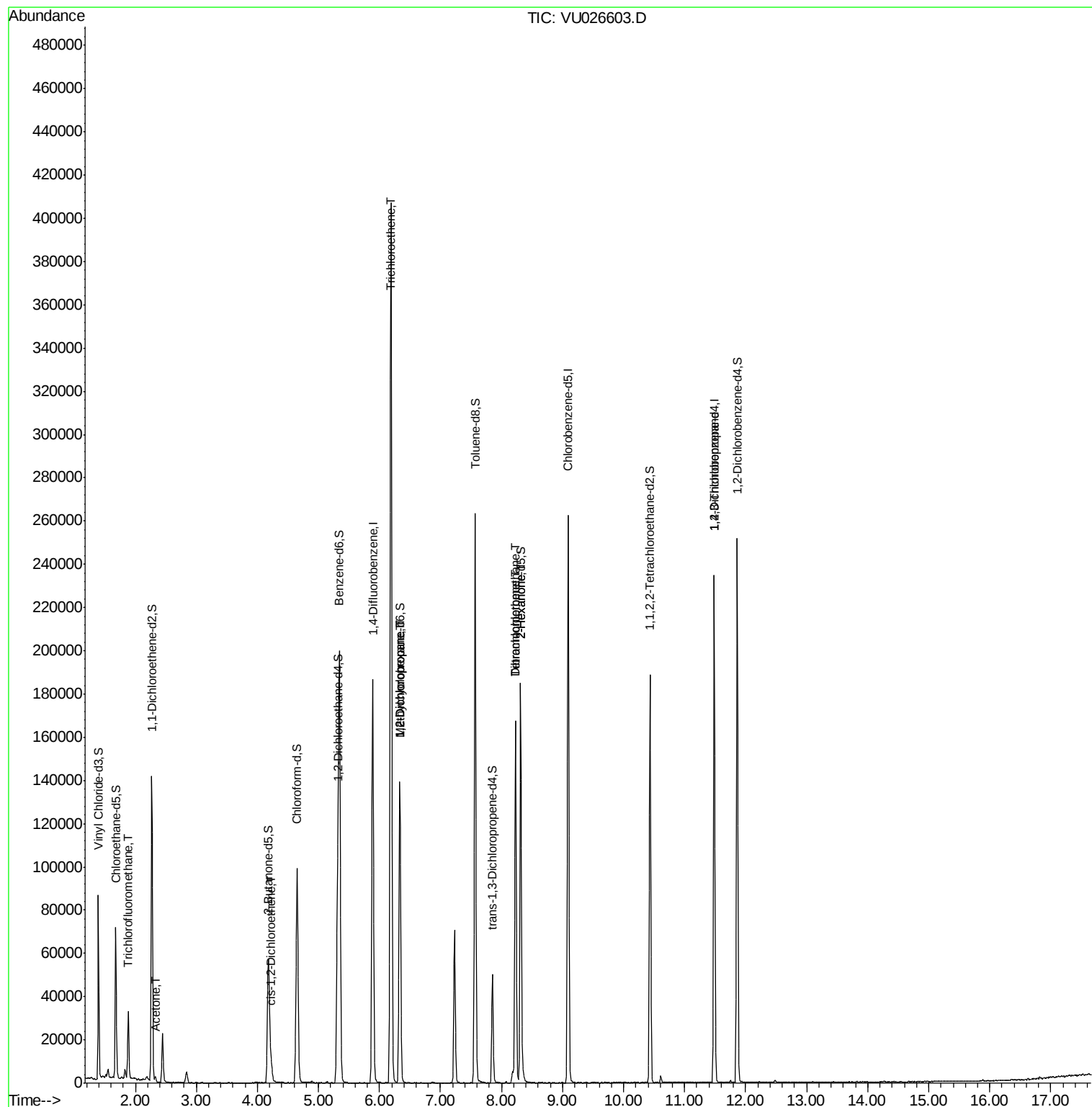
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.88	101	18010	8.692	ug/L	100
13) Acetone	2.32	43	1755	2.700	ug/L	88
20) cis-1,2-Dichloroethene	4.23	96	2678	2.372	ug/L	95
34) Trichloroethene	6.19	95	139502	133.069	ug/L	98
35) Methylcyclohexane	6.33	83	15182	9.275	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7032	6.078	ug/L #	88
46) Tetrachloroethene	8.23	164	37123	43.312	ug/L	97
48) 2-Hexanone	8.31	43	7070	5.753	ug/L #	71
49) Dibromochloromethane	8.23	129	34456	28.850	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6812	4.718	ug/L #	86

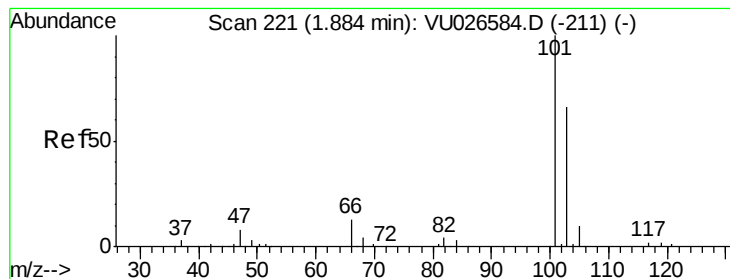
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Sep 07 05:31:05 2018
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Quant Title : VOC Analysis
QLast Update : Fri Sep 07 05:26:58 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 8.692 ug/L

RT: 1.88 min Scan# 221

Delta R.T. 0.00 min

Lab File: VU026603.D

Acq: 07 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampled :

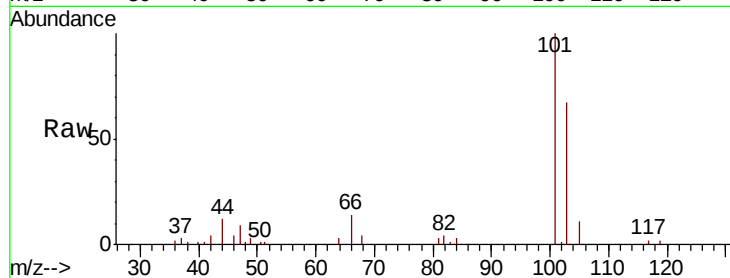
C0SY5

Tgt Ion: 101 Resp: 18010

Ion Ratio Lower Upper

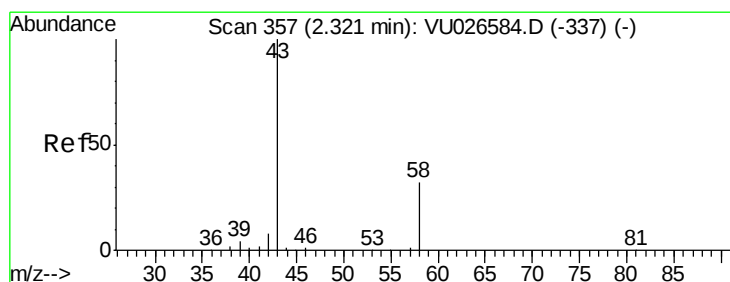
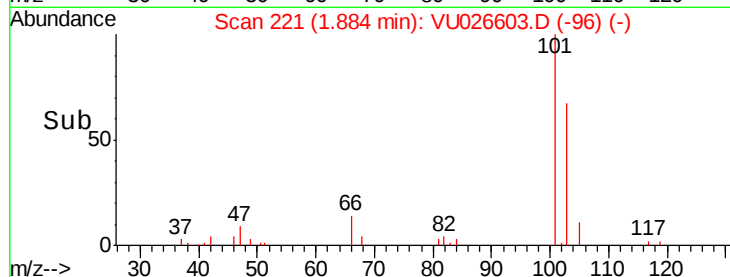
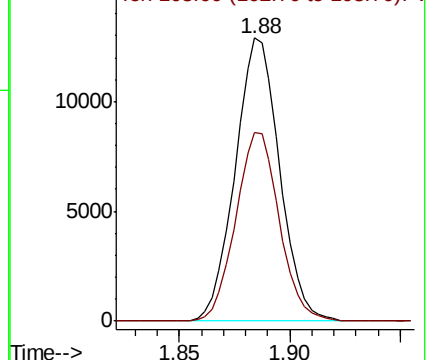
101 100

103 65.6 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.700 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026603.D

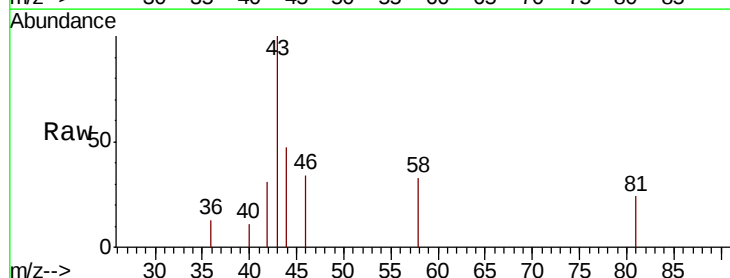
Acq: 07 Sep 2018 01:28

Tgt Ion: 43 Resp: 1755

Ion Ratio Lower Upper

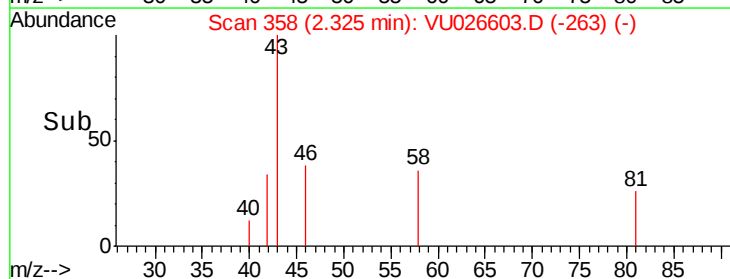
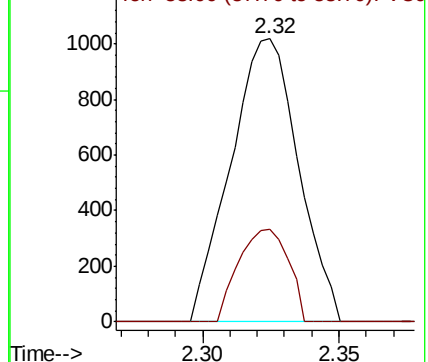
43 100

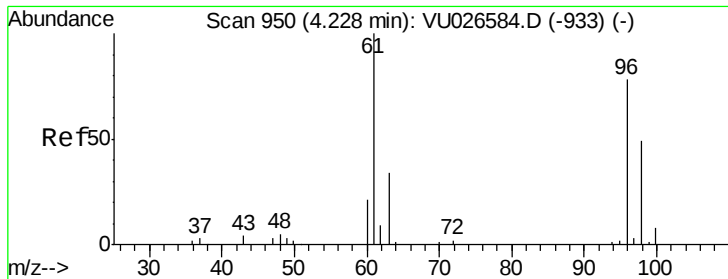
58 24.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



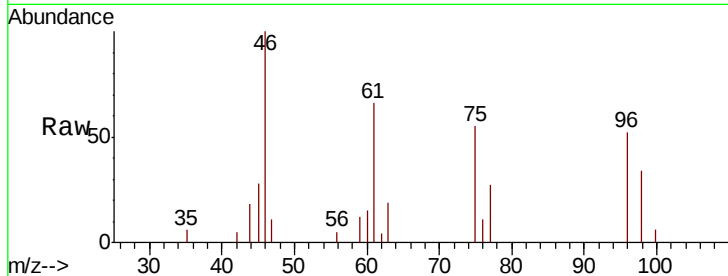


#20

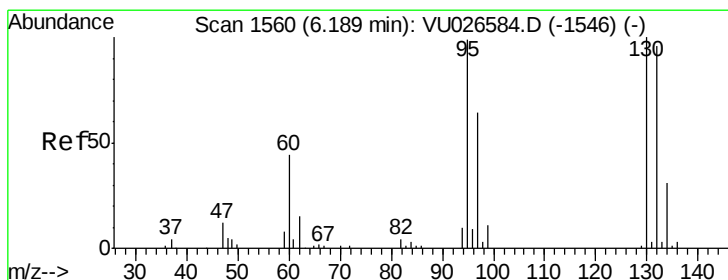
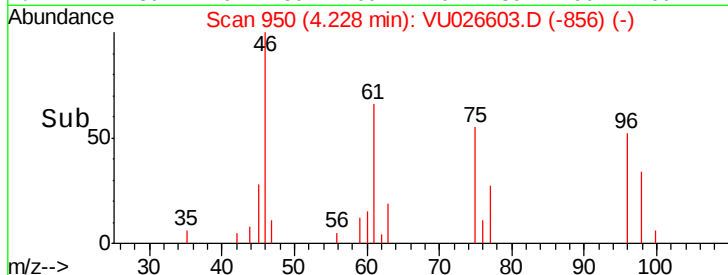
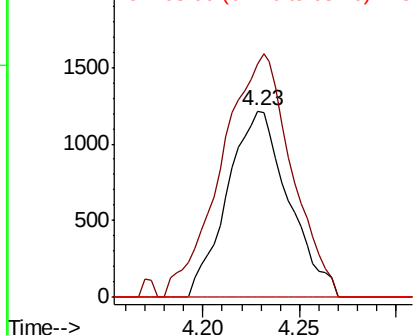
cis-1,2-Dichloroethene
 Concen: 2.372 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU026603.D
 Acq: 07 Sep 2018 01:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY5

Tgt Ion: 96 Resp: 2678
 Ion Ratio Lower Upper
 96 100
 61 125.6 91.6 170.2
 68 0.0 0.0 0.0



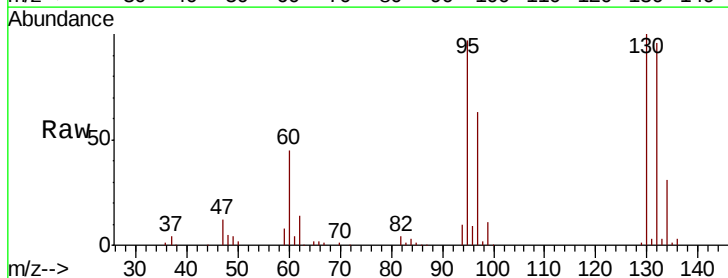
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



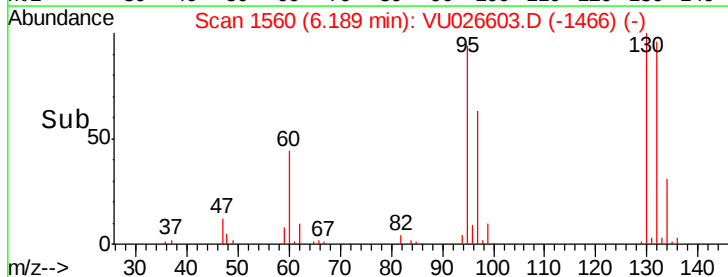
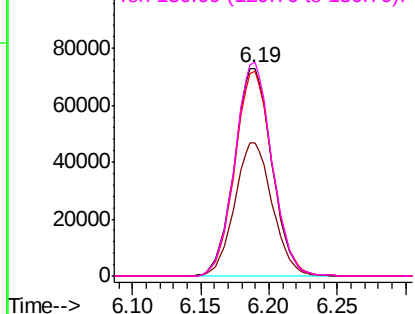
#34

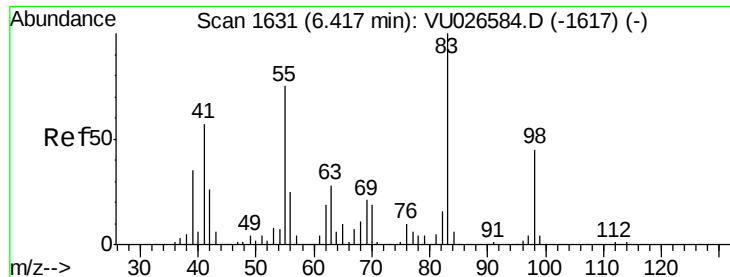
Trichloroethene
 Concen: 133.069 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU026603.D
 Acq: 07 Sep 2018 01:28

Tgt Ion: 95 Resp: 139502
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.1 83.7
 132 98.4 67.5 125.3
 130 102.8 69.3 128.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

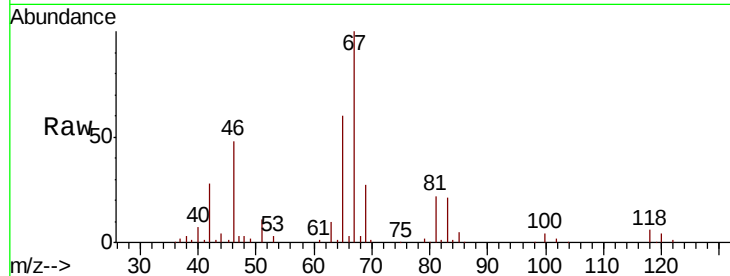




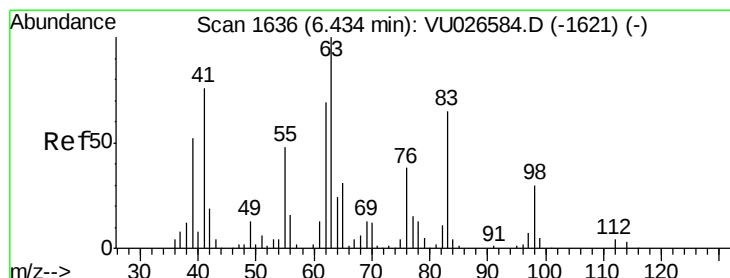
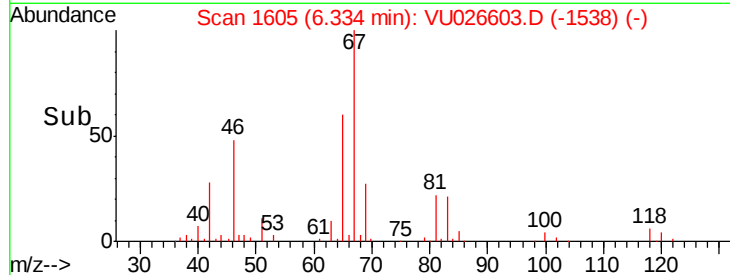
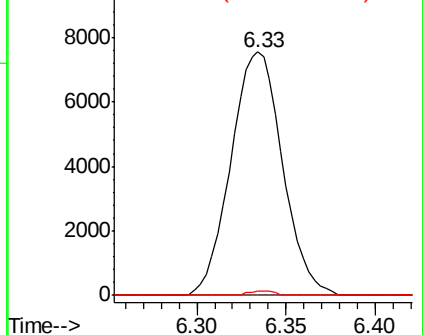
#35
Methylcyclohexane
Concen: 9.275 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.09 min
Lab File: VU026603.D
Acq: 07 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
C0SY5

Tgt Ion: 83 Resp: 15182
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.6 36.7 55.1#

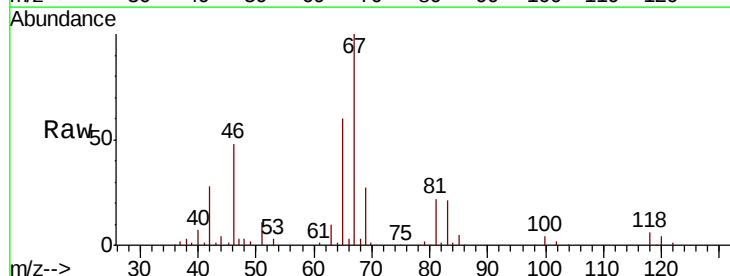


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

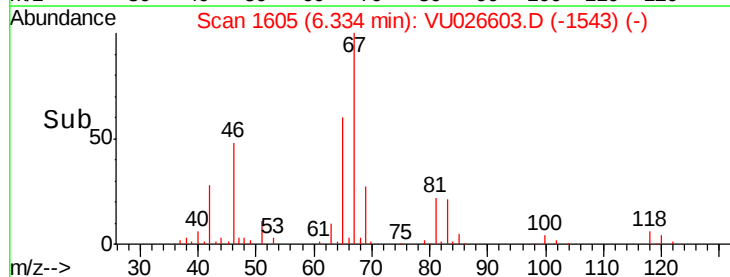
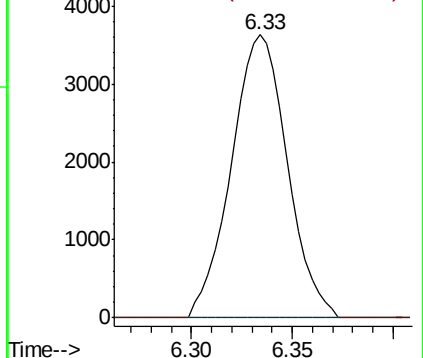


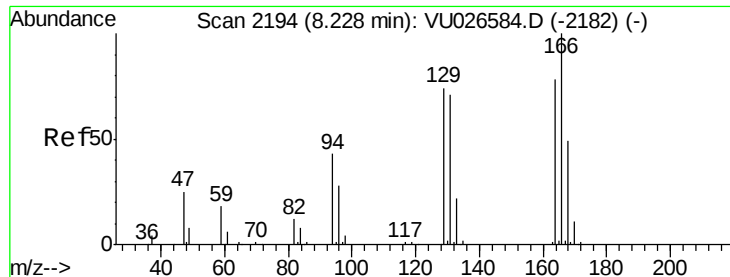
#37
1,2-Dichloropropane
Concen: 6.078 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026603.D
Acq: 07 Sep 2018 01:28

Tgt Ion: 63 Resp: 7032
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

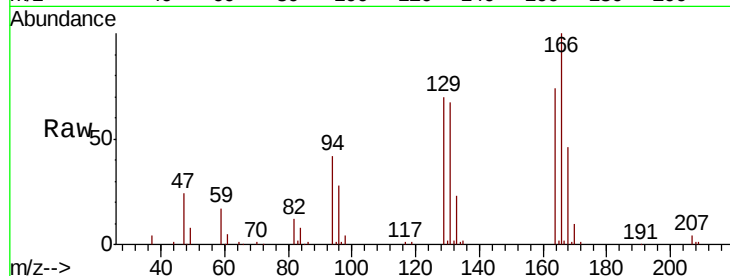




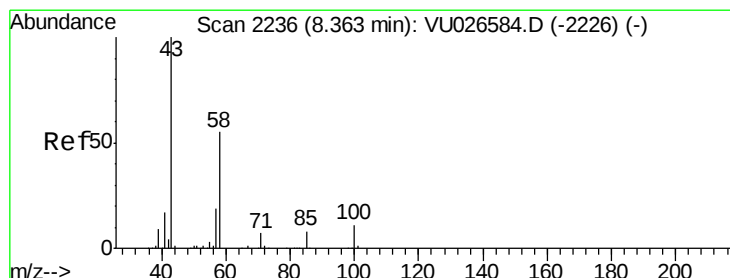
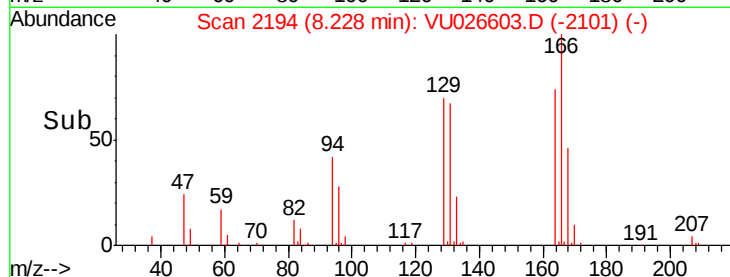
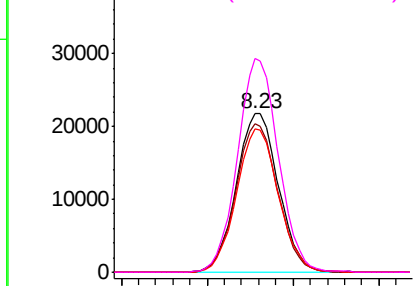
#46
Tetrachloroethene
Concen: 43.312 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU026603.D
Acq: 07 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
C0SY5

Tgt Ion:	164	Resp:	37123
Ion	Ratio	Lower	Upper
164	100		
129	94.0	67.3	125.1
131	90.4	65.3	121.3
166	134.6	90.9	168.7

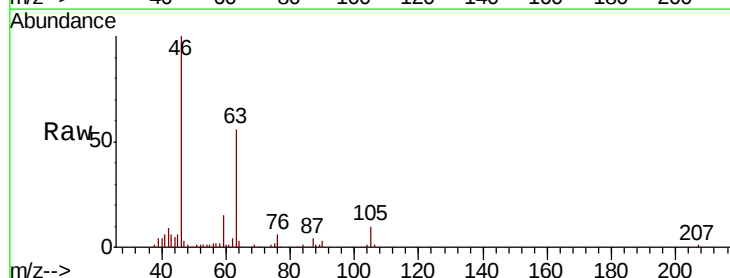


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

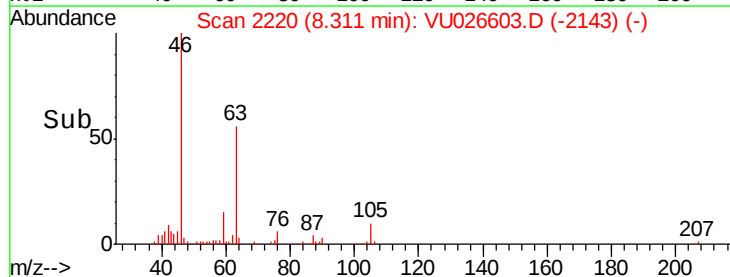
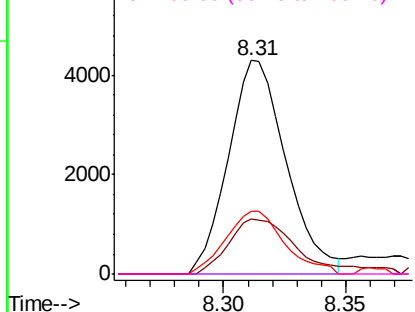


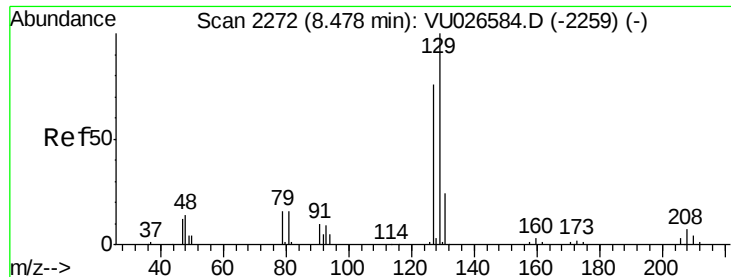
#48
2-Hexanone
Concen: 5.753 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026603.D
Acq: 07 Sep 2018 01:28

Tgt Ion:	43	Resp:	7070
Ion	Ratio	Lower	Upper
43	100		
58	31.5	42.2	63.4#
57	29.8	14.6	21.8#
100	0.0	8.3	12.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 28.850 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU026603.D

Acq: 07 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

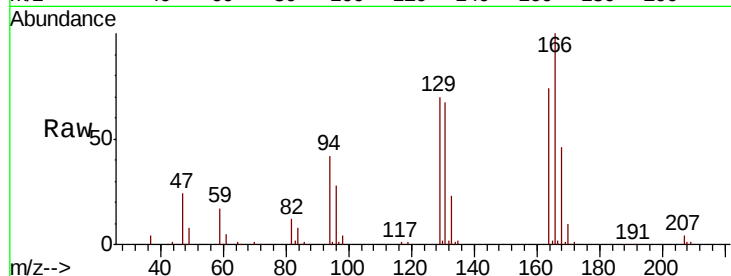
C0SY5

Tgt Ion:129 Resp: 34456

Ion Ratio Lower Upper

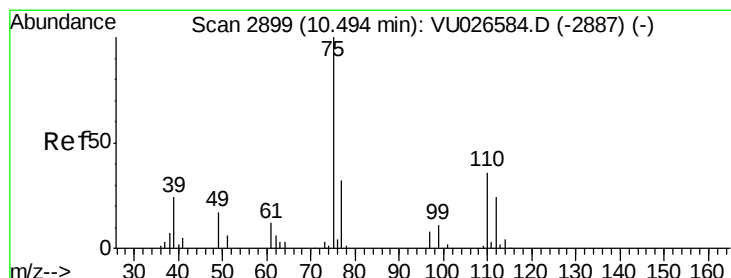
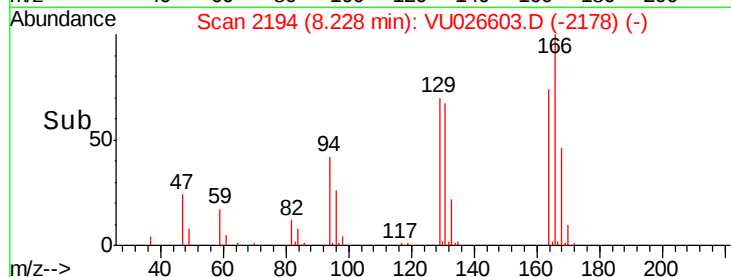
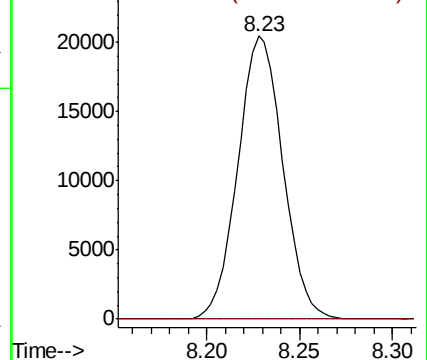
129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.718 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026603.D

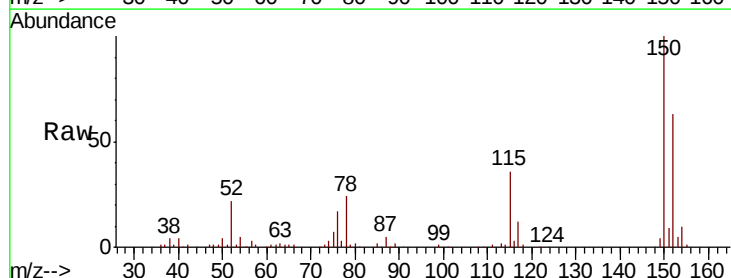
Acq: 07 Sep 2018 01:28

Tgt Ion: 75 Resp: 6812

Ion Ratio Lower Upper

75 100

77 38.9 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

