

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026605.D
 Acq On : 07 Sep 2018 02:14
 Operator : MD/SY
 Sample : J4750-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY8

Quant Time: Sep 07 05:31:16 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	157101	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146877	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60759	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52772	54.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.44%
7) Chloroethane-d5	1.68	69	47650	54.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.27	63	76049	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.38%
21) 2-Butanone-d5	4.18	46	88732	117.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.45%
24) Chloroform-d	4.65	84	95026	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
26) 1,2-Dichloroethane-d4	5.31	65	64304	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
32) Benzene-d6	5.34	84	190438	56.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.50%
36) 1,2-Dichloropropane-d6	6.33	67	66588	57.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.52%
41) Toluene-d8	7.57	98	169844	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%
43) trans-1,3-Dichloropropene-	7.85	79	26752	50.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.74%
47) 2-Hexanone-d5	8.31	63	62093	116.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89201	52.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	64474	58.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.98%

Target Compounds

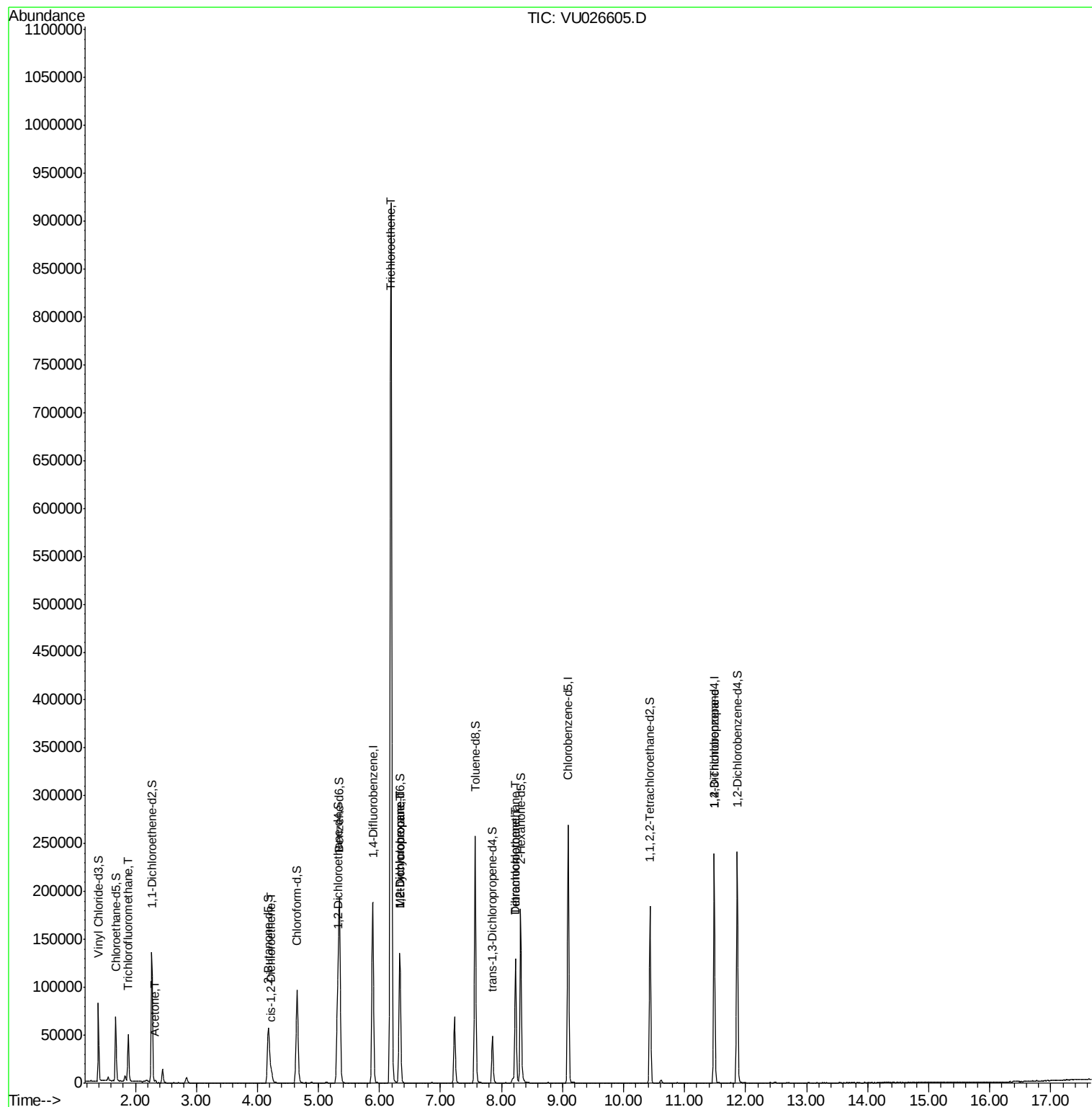
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.88	101	28488	13.662	ug/L	99
13) Acetone	2.32	43	1616	2.470	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	4681	4.120	ug/L	96
34) Trichloroethene	6.19	95	312106	295.501	ug/L	98
35) Methylcyclohexane	6.33	83	14979	9.082	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7209	6.184	ug/L #	88
46) Tetrachloroethene	8.23	164	28894	33.461	ug/L	98
49) Dibromochloromethane	8.23	129	26950	22.397	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6922	4.759	ug/L #	86

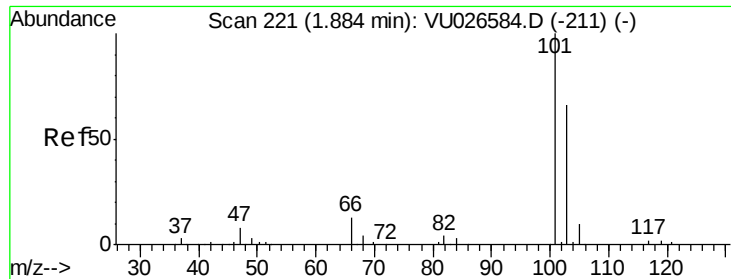
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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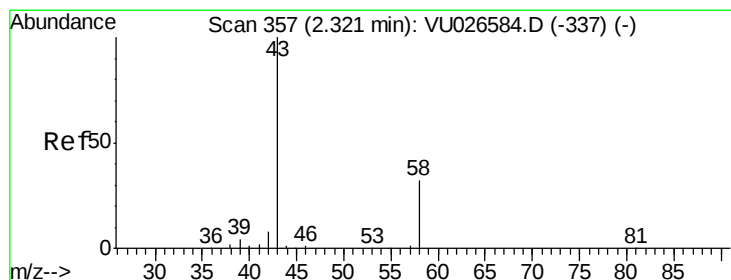
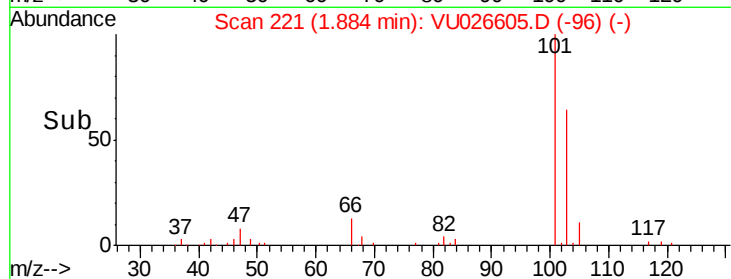
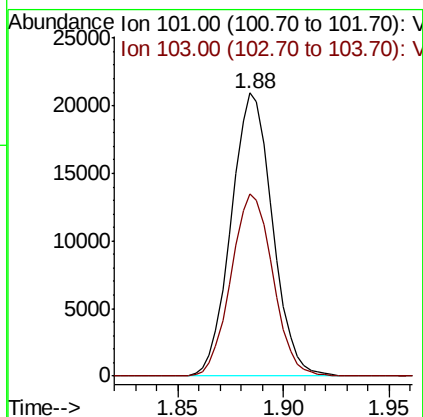
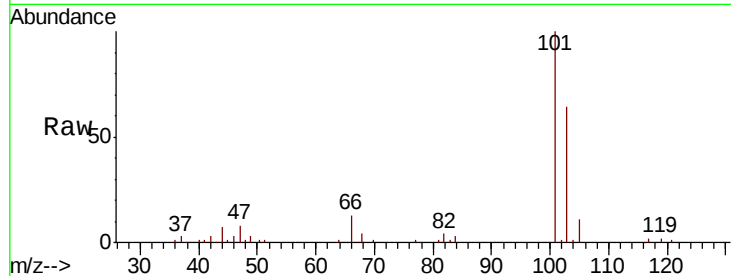


#9

Trichlorofluoromethane
 Concen: 13.662 ug/L
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026605.D
 Acq: 07 Sep 2018 02:14

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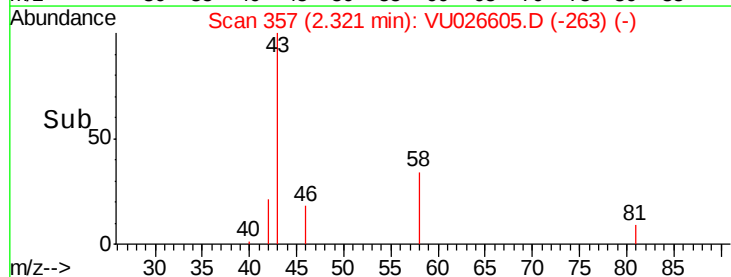
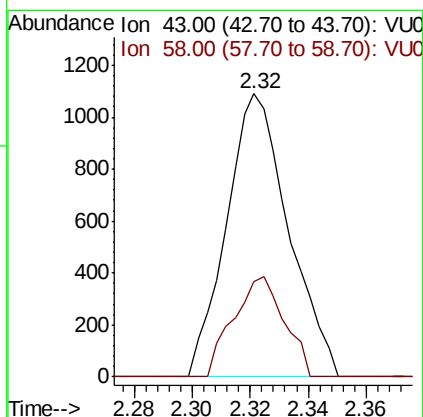
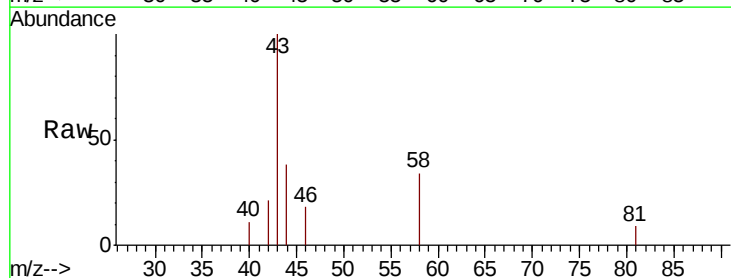
Tgt Ion: 101 Resp: 28488
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.7 79.1

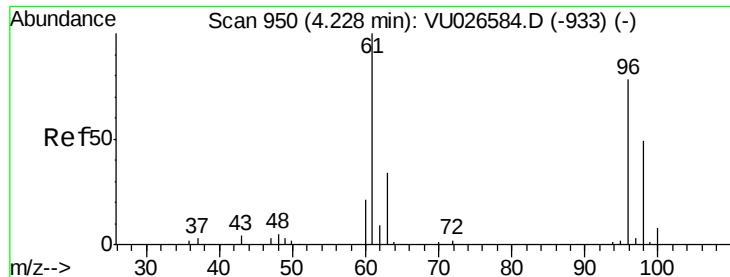


#13

Acetone
 Concen: 2.470 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026605.D
 Acq: 07 Sep 2018 02:14

Tgt Ion: 43 Resp: 1616
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 61.2

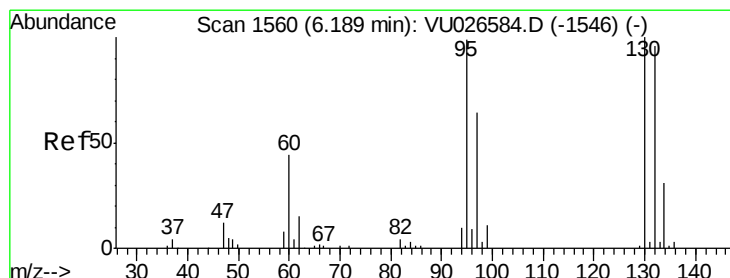
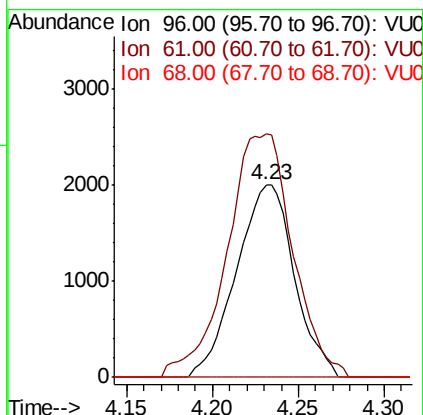
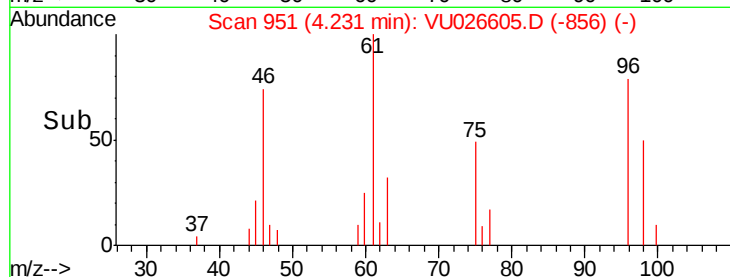
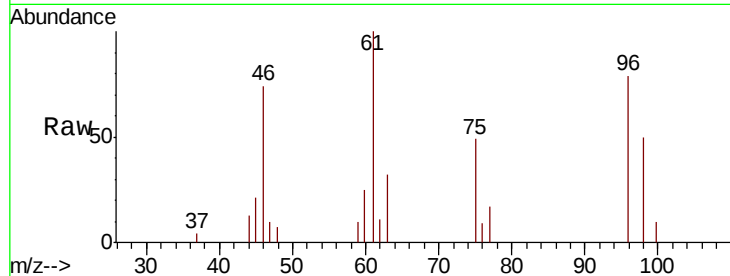




#20
 cis-1,2-Dichloroethene
 Concen: 4.120 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU026605.D
 Acq: 07 Sep 2018 02:14

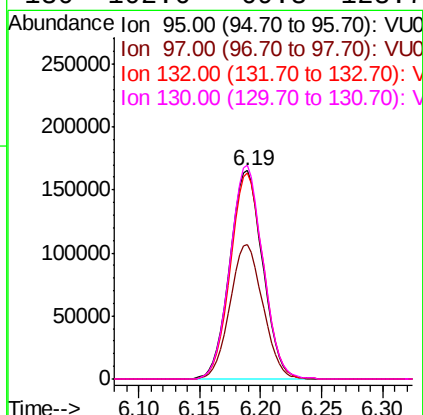
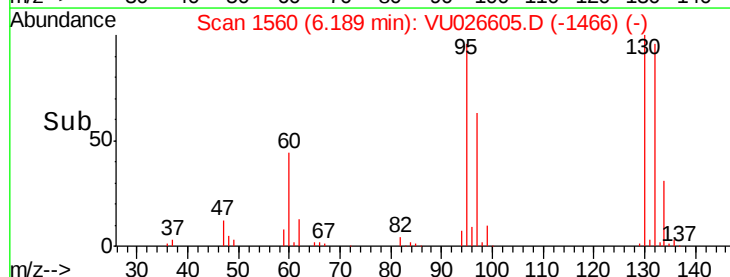
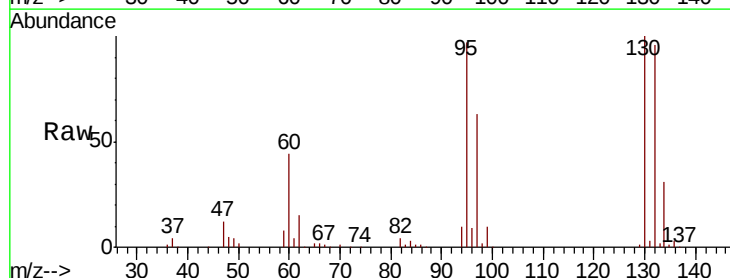
Instrument :
 MSVOA_U
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 C0SY8

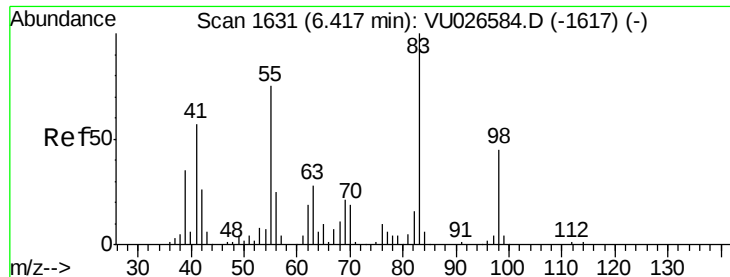
Tgt Ion: 96 Resp: 4681
 Ion Ratio Lower Upper
 96 100
 61 126.4 91.6 170.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 295.501 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU026605.D
 Acq: 07 Sep 2018 02:14

Tgt Ion: 95 Resp: 312106
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.1 83.7
 132 99.0 67.5 125.3
 130 102.6 69.3 128.7

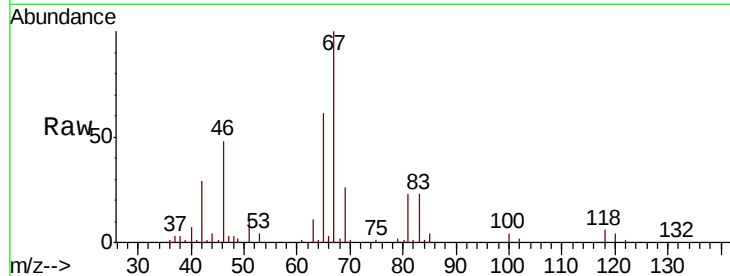




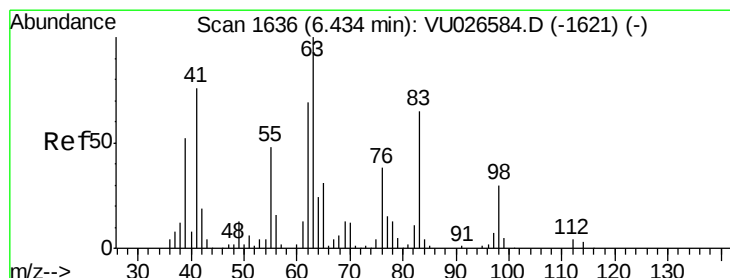
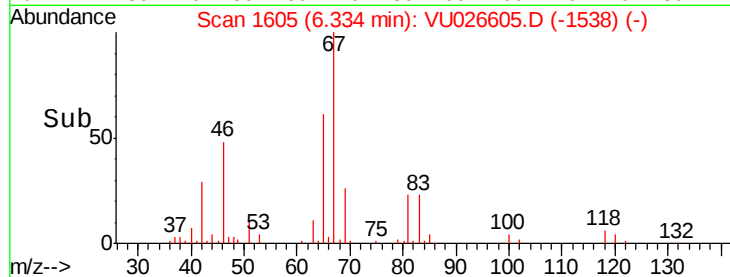
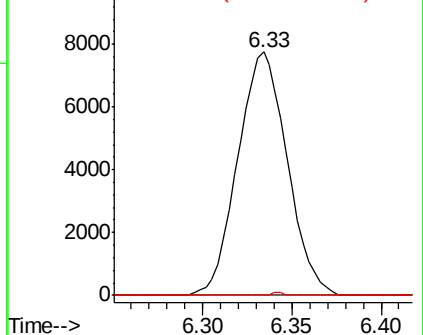
#35
Methylcyclohexane
Concen: 9.082 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.09 min
Lab File: VU026605.D
Acq: 07 Sep 2018 02:14

Instrument :
MSVOA_U
ClientSampleId :
C0SY8

Tgt Ion: 83 Resp: 14979
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.3 36.7 55.1#

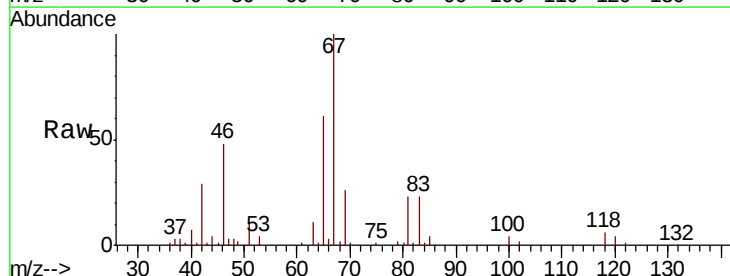


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

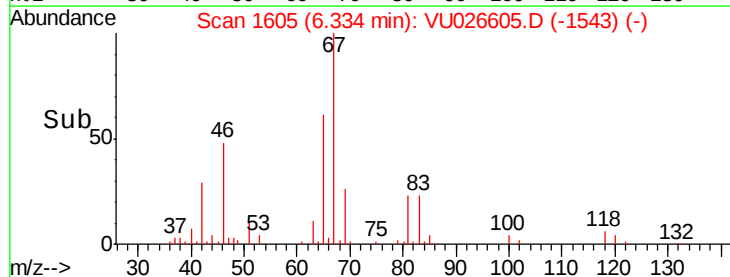
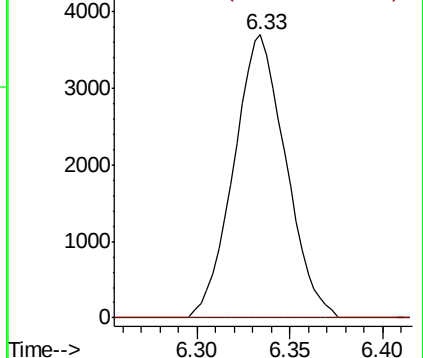


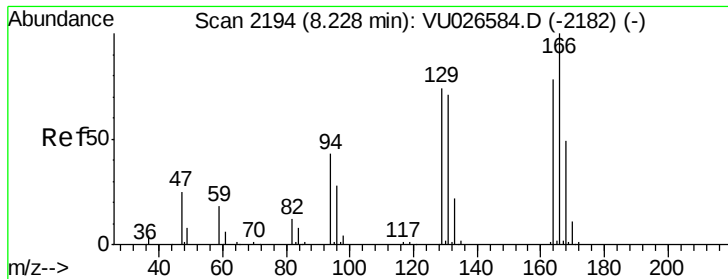
#37
1,2-Dichloropropane
Concen: 6.184 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026605.D
Acq: 07 Sep 2018 02:14

Tgt Ion: 63 Resp: 7209
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

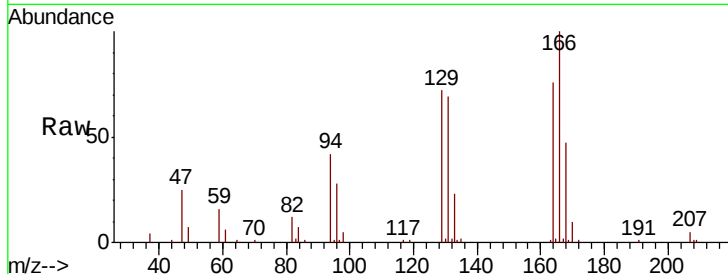




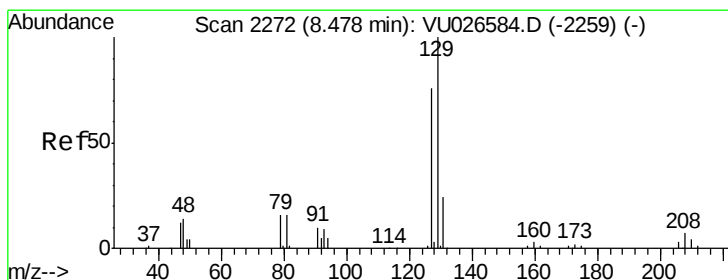
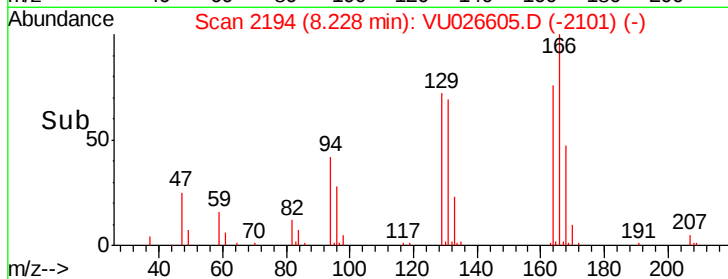
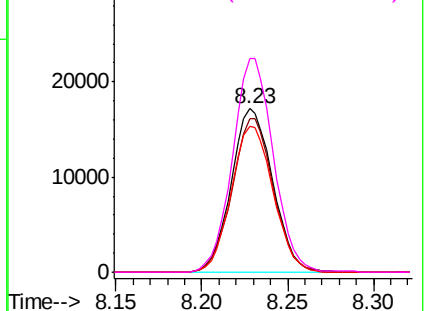
#46
Tetrachloroethene
Concen: 33.461 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU026605.D
Acq: 07 Sep 2018 02:14

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 28894
Ion Ratio Lower Upper
164 100
129 93.7 67.3 125.1
131 89.6 65.3 121.3
166 130.8 90.9 168.7

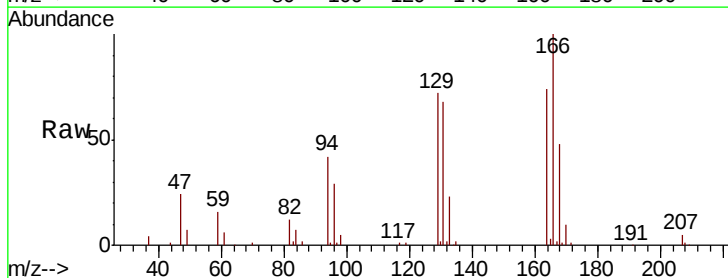


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

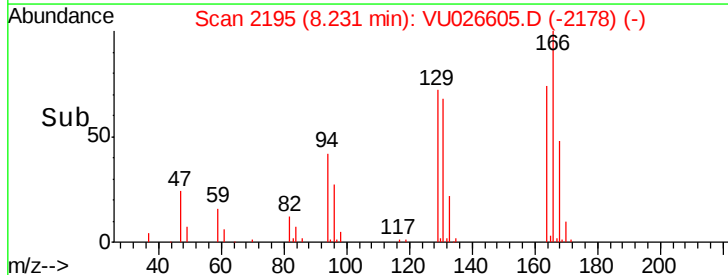
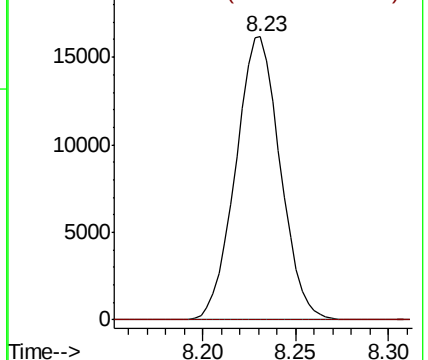


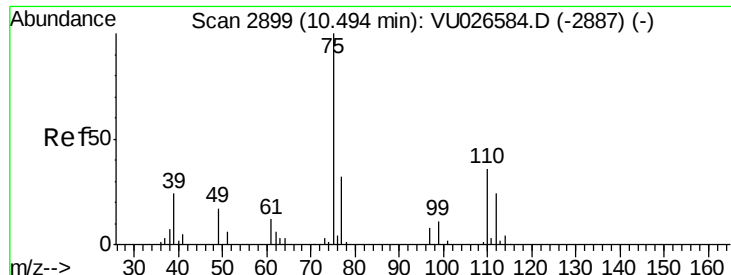
#49
Dibromochloromethane
Concen: 22.397 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU026605.D
Acq: 07 Sep 2018 02:14

Tgt Ion:129 Resp: 26950
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: 4.759 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026605.D

Acq: 07 Sep 2018 02:14

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 6922

Ion Ratio Lower Upper

75 100

77 38.9 25.0 37.6#

