

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026291.D
 Acq On : 23 Aug 2018 12:21
 Operator : MD/SY
 Sample : J4598-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:16:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:14:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	234963	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	105551	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86697	60.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.98%
7) Chloroethane-d5	1.68	69	70464	60.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.60%
11) 1,1-Dichloroethene-d2	2.27	63	130272	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.50%
21) 2-Butanone-d5	4.18	46	133823	117.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.00%
24) Chloroform-d	4.65	84	187981	58.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.70%
26) 1,2-Dichloroethane-d4	5.31	65	123845	59.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.16%
32) Benzene-d6	5.35	84	363694	59.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.98%
36) 1,2-Dichloropropane-d6	6.33	67	118752	60.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.00%#
41) Toluene-d8	7.57	98	335234	57.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.74%
43) trans-1,3-Dichloropropene-	7.85	79	57986	57.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.34%
47) 2-Hexanone-d5	8.31	63	95166	113.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160343	55.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	138828	61.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.96%#

Target Compounds

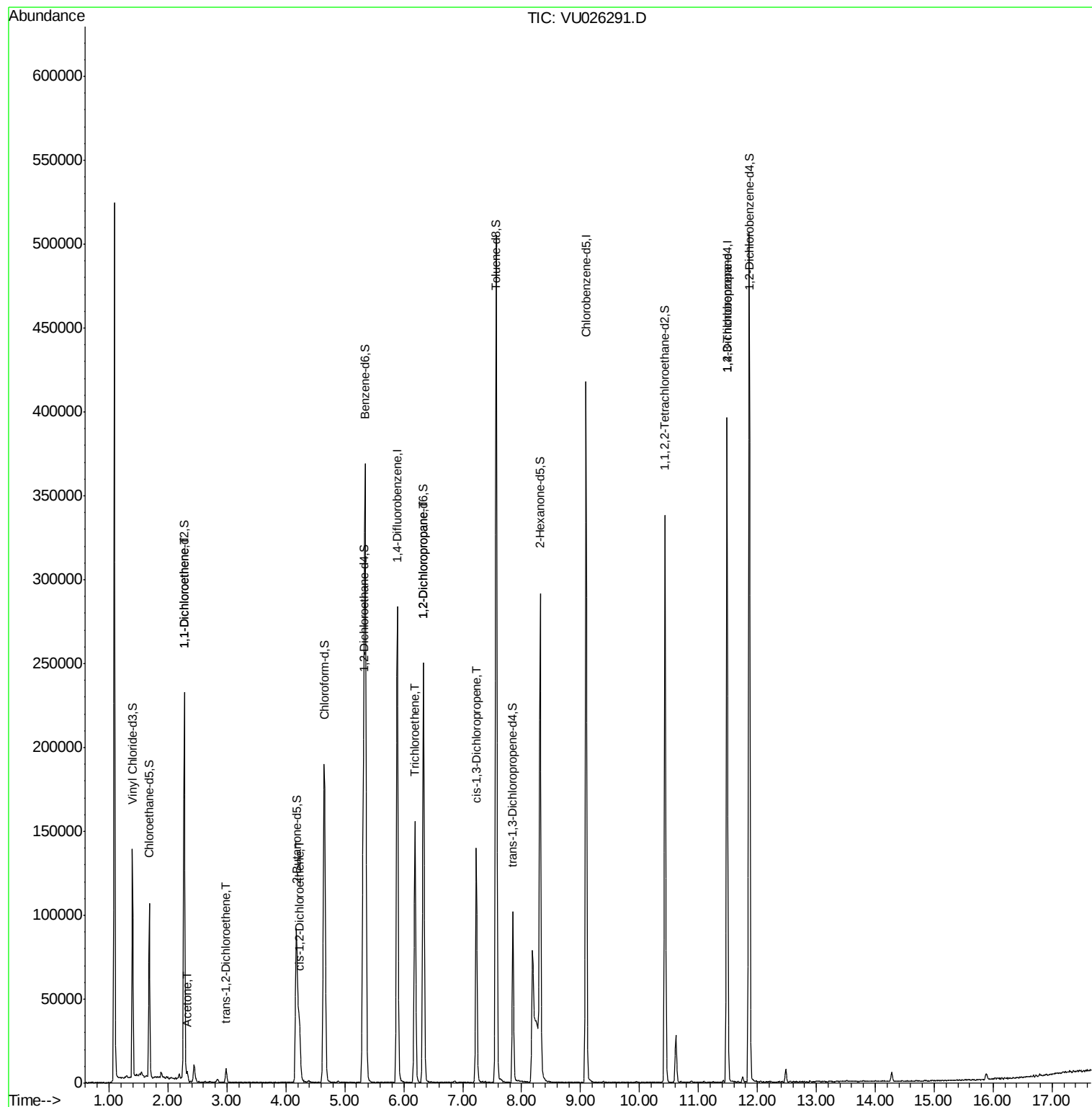
					Ovalue
12) 1,1-Dichloroethene	2.28	96	1600	1.294 ug/L #	1
13) Acetone	2.32	43	4776	5.395 ug/L	93
17) trans-1,2-Dichloroethene	2.99	96	3515	2.306 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	17196	10.220 ug/L	100
34) Trichloroethene	6.19	95	52858	32.084 ug/L	97
37) 1,2-Dichloropropane	6.33	63	13095	7.691 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3573	1.381 ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	12337	5.812 ug/L	89

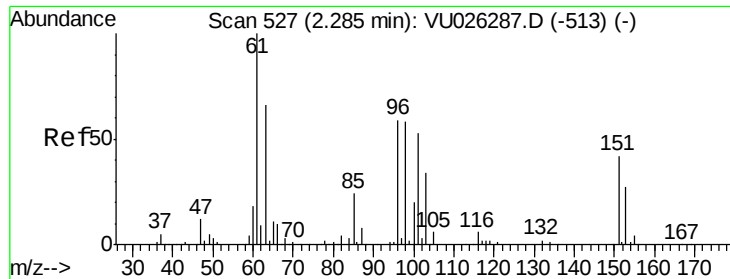
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.294 ug/L

RT: 2.28 min Scan# 525

Delta R.T. -0.01 min

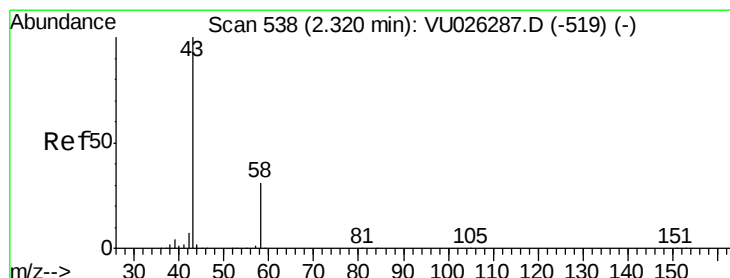
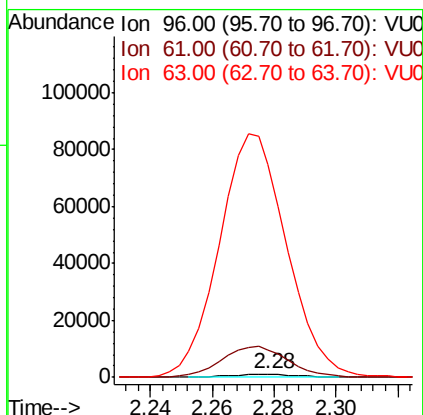
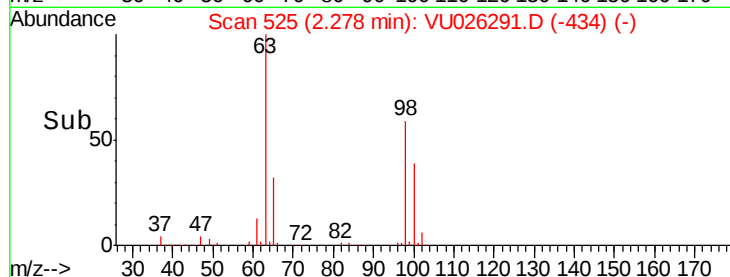
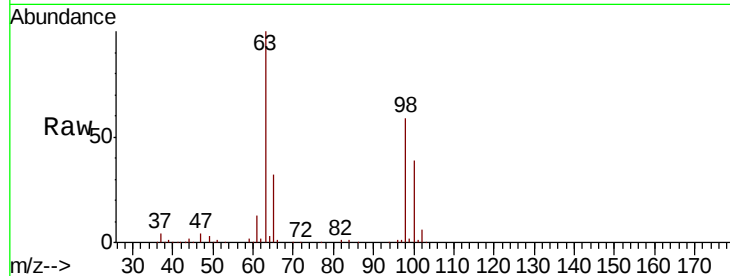
Lab File: VU026291.D

Acq: 23 Aug 2018 12:21

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 1600

Ion	Ratio	Lower	Upper
96	100		
61	916.3	124.7	231.5#
63	7043.8	93.7	174.1#



#13

Acetone

Concen: 5.395 ug/L

RT: 2.32 min Scan# 539

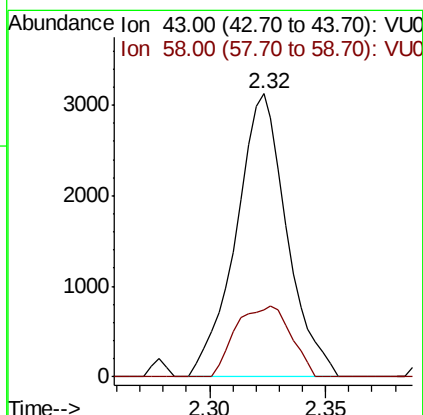
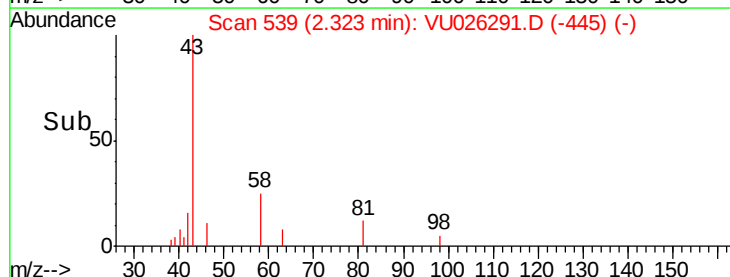
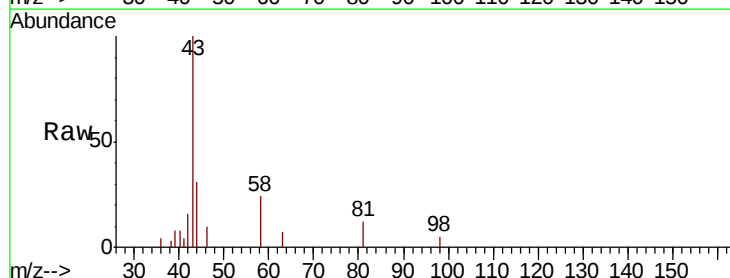
Delta R.T. 0.00 min

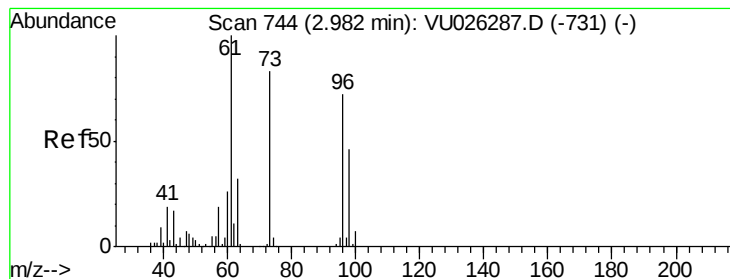
Lab File: VU026291.D

Acq: 23 Aug 2018 12:21

Tgt Ion: 43 Resp: 4776

Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	61.2





#17

trans-1,2-Dichloroethene

Concen: 2.306 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026291.D

Acq: 23 Aug 2018 12:21

Instrument :

MSVOA_U

ClientSampled :

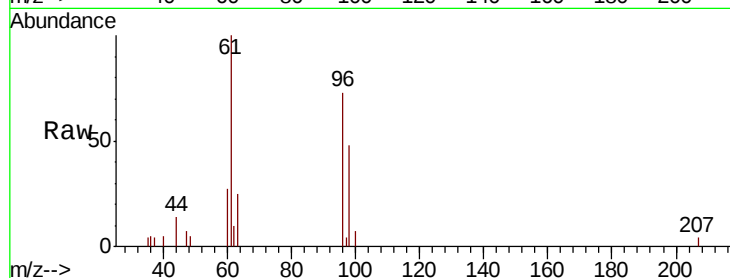
Tot Ion: 96 Resp: 3515

Ion Ratio Lower Upper

96 100

61 137.6 97.9 181.9

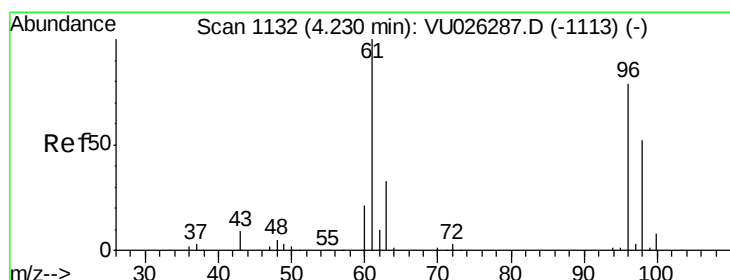
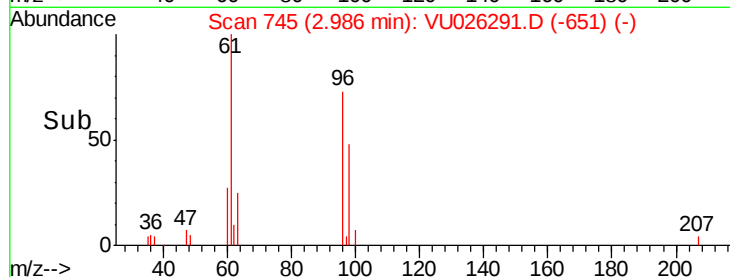
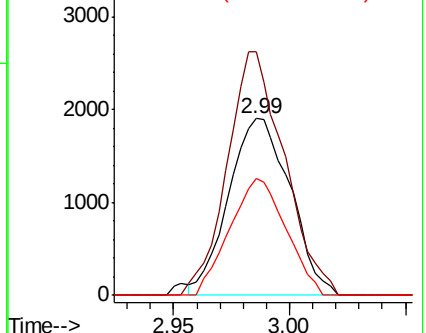
98 65.8 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VU026291.D (-1039) (-)

Ion 61.00 (60.70 to 61.70): VU026291.D (-1039) (-)

Ion 98.00 (97.70 to 98.70): VU026291.D (-1039) (-)



#20

cis-1,2-Dichloroethene

Concen: 10.220 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU026291.D

Acq: 23 Aug 2018 12:21

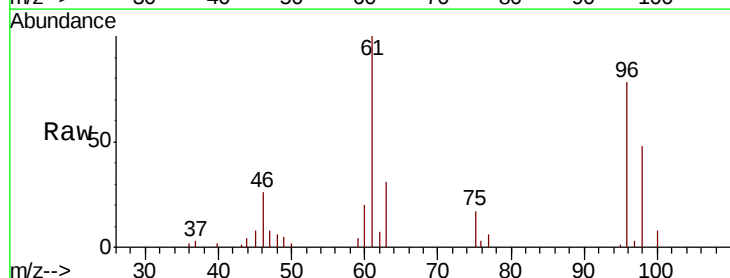
Tgt Ion: 96 Resp: 17196

Ion Ratio Lower Upper

96 100

61 128.9 90.3 167.7

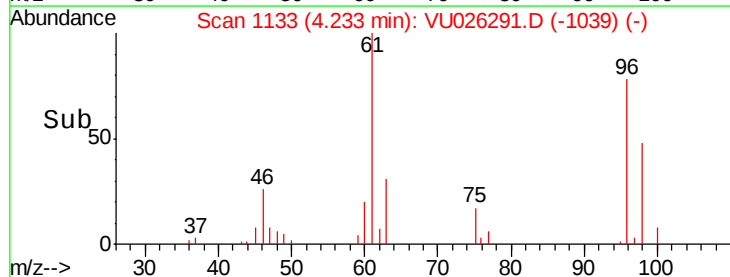
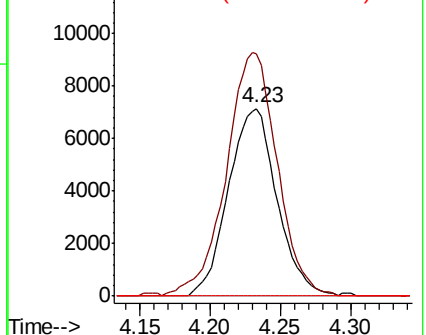
68 0.0 0.0 0.0

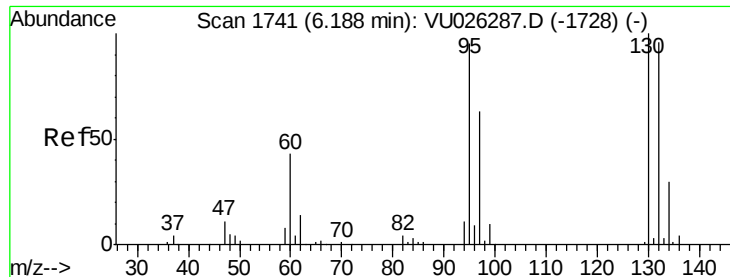


Abundance Ion 96.00 (95.70 to 96.70): VU026291.D (-1039) (-)

Ion 61.00 (60.70 to 61.70): VU026291.D (-1039) (-)

Ion 68.00 (67.70 to 68.70): VU026291.D (-1039) (-)

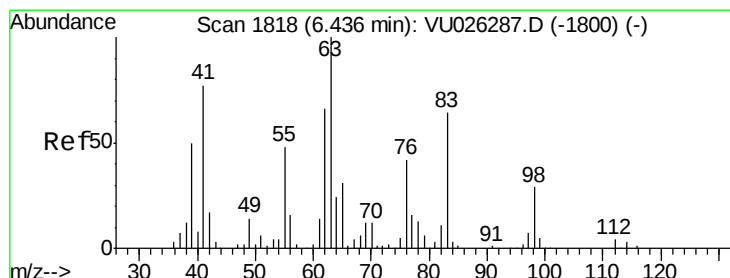
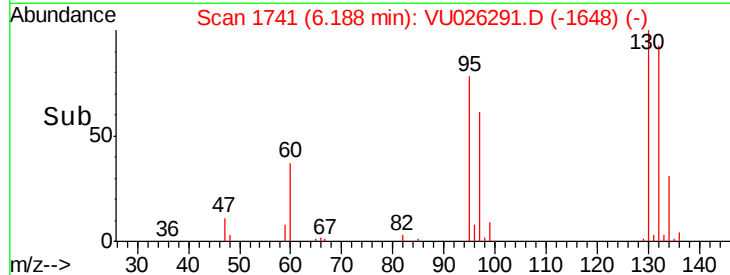
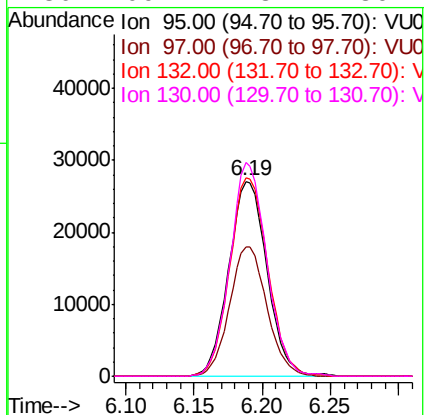
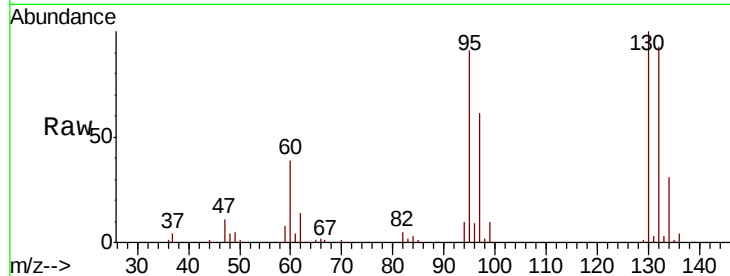




#34
 Trichloroethene
 Concen: 32.084 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026291.D
 Acq: 23 Aug 2018 12:21

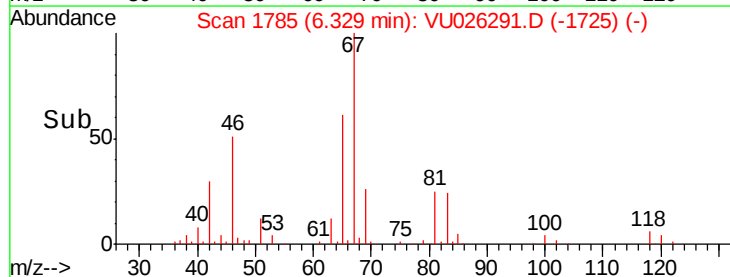
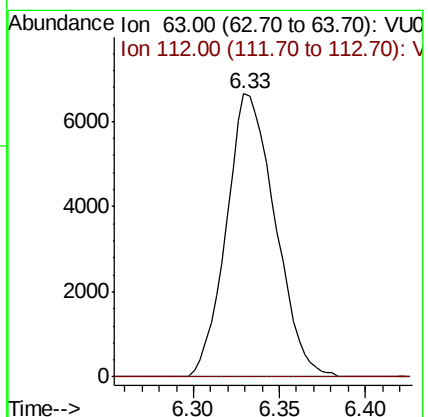
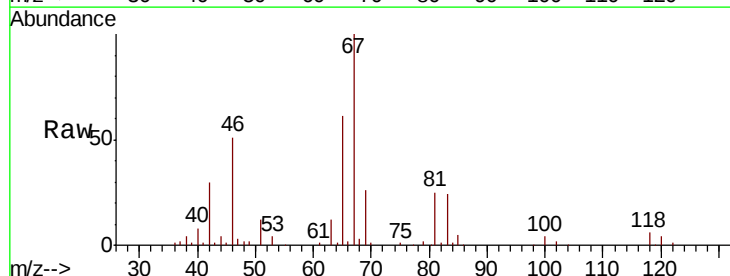
Instrument :
 MSVOA_U
 ClientSampled :

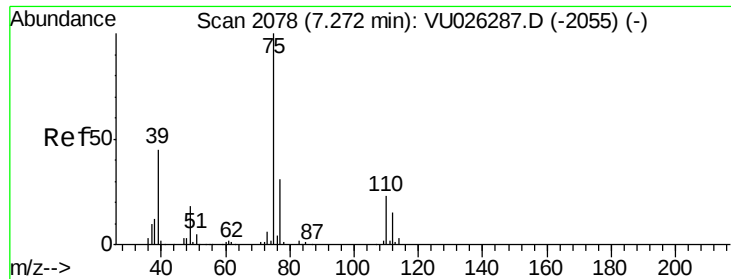
Tot Ion: 95 Resp: 52858
 Ion Ratio Lower Upper
 95 100
 97 66.6 47.2 87.6
 132 102.0 70.2 130.4
 130 109.7 73.4 136.4



#37
 1,2-Dichloropropane
 Concen: 7.691 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.11 min
 Lab File: VU026291.D
 Acq: 23 Aug 2018 12:21

Tgt Ion: 63 Resp: 13095
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



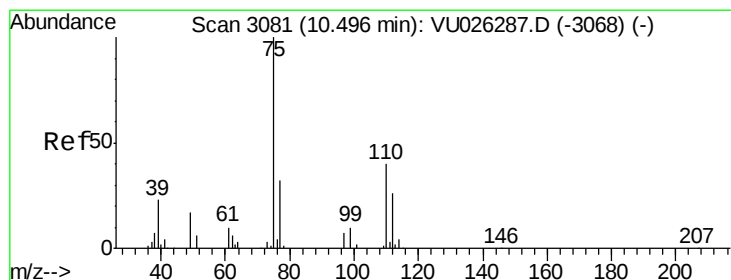
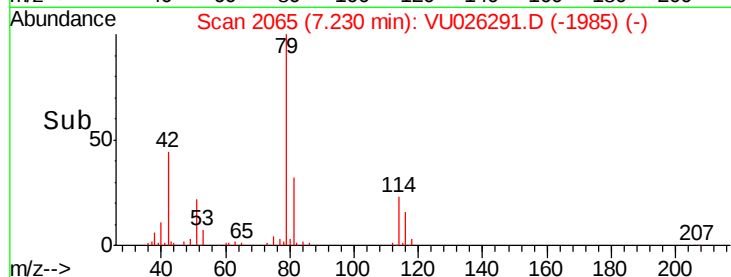
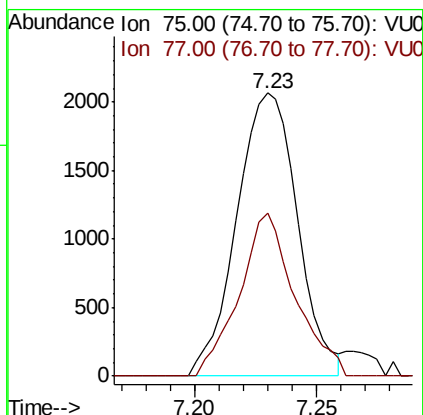
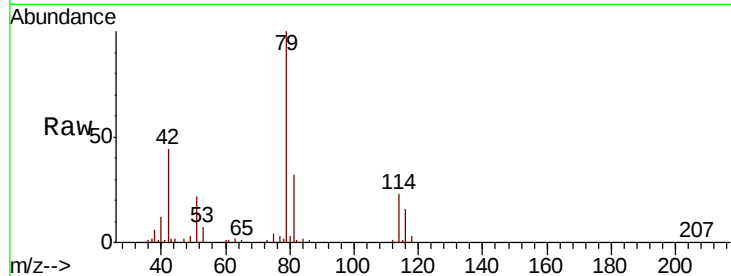


#39

cis-1,3-Dichloropropene
 Concen: 1.381 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU026291.D
 Acq: 23 Aug 2018 12:21

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3573
 Ion Ratio Lower Upper
 75 100
 77 57.8 22.0 40.8#



#59

1,2,3-Trichloropropane
 Concen: 5.812 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026291.D
 Acq: 23 Aug 2018 12:21

Tgt Ion: 75 Resp: 12337
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.5 38.3

