

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026293.D
 Acq On : 23 Aug 2018 13:08
 Operator : MD/SY
 Sample : J4598-04 MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:16:32 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	266287	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	257917	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123964	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79910	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	66580	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.54%
11) 1,1-Dichloroethene-d2	2.27	63	158571	49.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.34%
21) 2-Butanone-d5	4.18	46	125605	96.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.90%
24) Chloroform-d	4.65	84	173835	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.31	65	117221	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
32) Benzene-d6	5.35	84	340650	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
36) 1,2-Dichloropropane-d6	6.33	67	109367	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.74%
41) Toluene-d8	7.57	98	311785	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%
43) trans-1,3-Dichloropropene-	7.85	79	54308	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.90%
47) 2-Hexanone-d5	8.31	63	88661	93.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	154644	47.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	130146	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

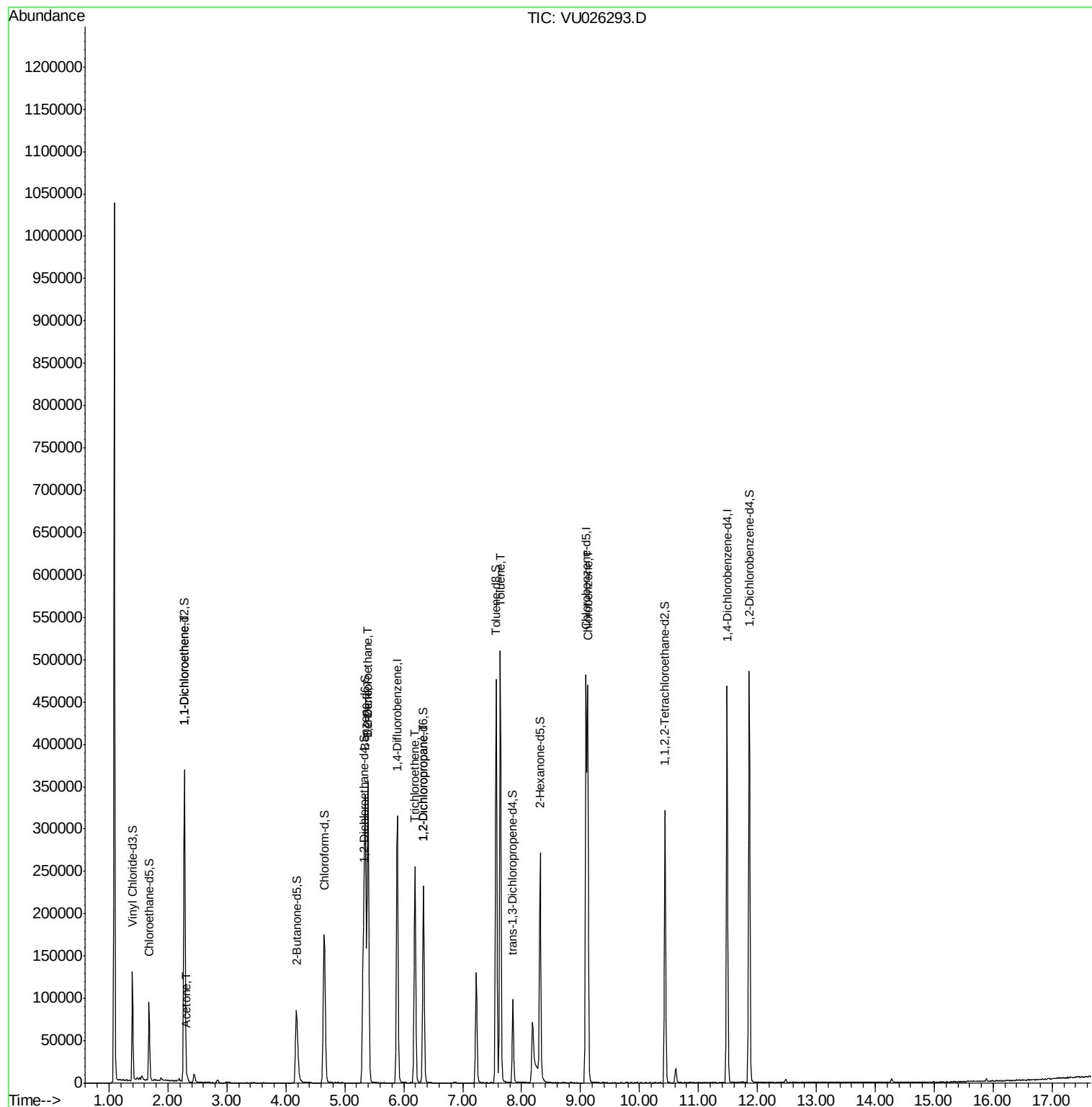
					Ovalue
12) 1,1-Dichloroethene	2.28	96	72457	51.699 ug/L	96
13) Acetone	2.32	43	5448	5.430 ug/L	97
27) 1,2-Dichloroethane	5.39	62	3345	1.250 ug/L #	75
33) Benzene	5.39	78	350637	49.867 ug/L	100
34) Trichloroethene	6.19	95	86994	46.788 ug/L	98
37) 1,2-Dichloropropane	6.33	63	12224	6.361 ug/L #	87
42) Toluene	7.64	91	370566	49.530 ug/L	99
51) Chlorobenzene	9.12	112	243775	47.639 ug/L	100

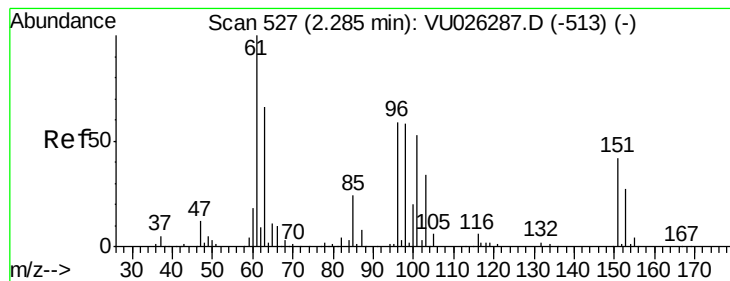
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082318\
Data File : VU026293.D
Acq On : 23 Aug 2018 13:08
Operator : MD/SY
Sample : J4598-04 MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 24 01:16:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 01:14:40 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 51.699 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU026293.D

Acq: 23 Aug 2018 13:08

Instrument :
MSVOA_U
ClientSampleId :

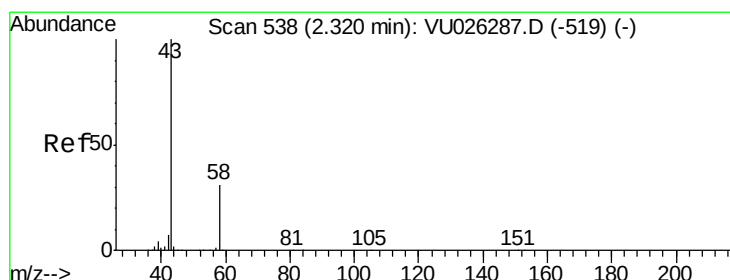
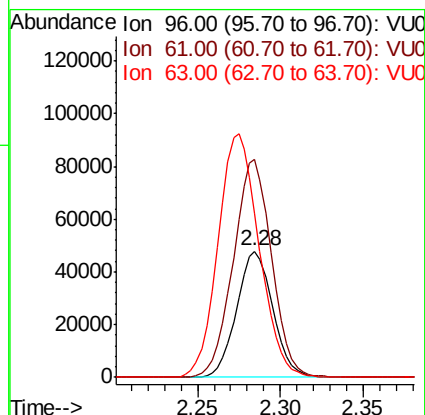
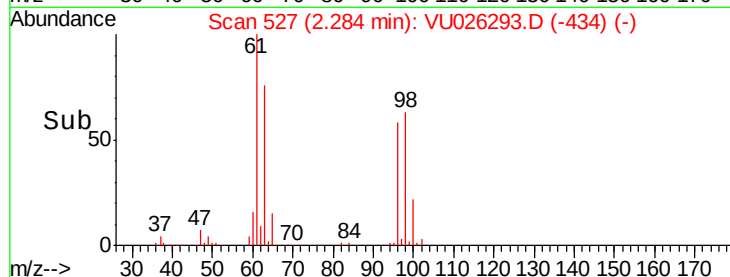
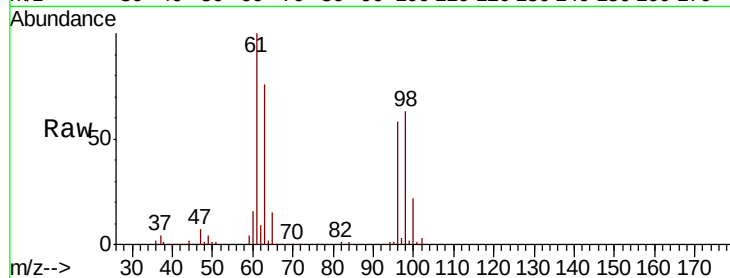
Tot Ion: 96 Resp: 72457

Ion Ratio Lower Upper

96 100

61 172.2 124.7 231.5

63 130.1 93.7 174.1



#13

Acetone

Concen: 5.430 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026293.D

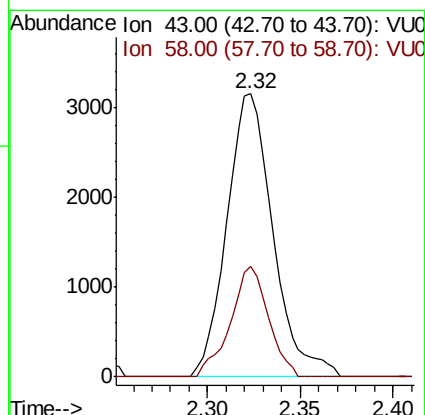
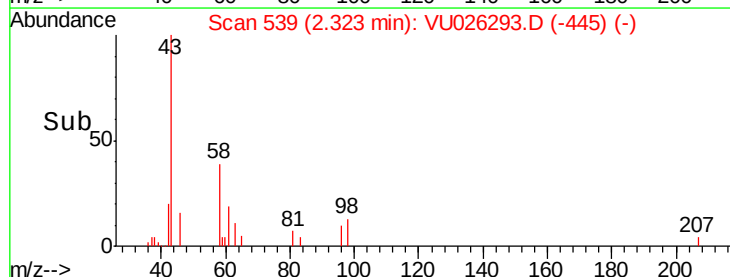
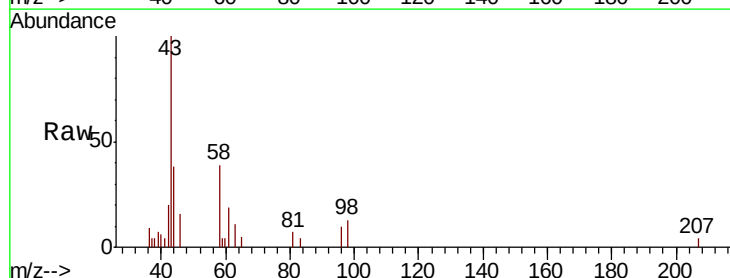
Acq: 23 Aug 2018 13:08

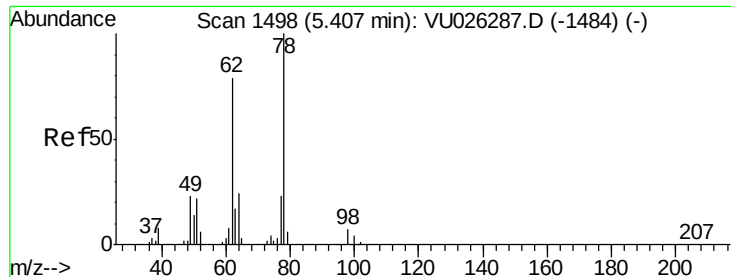
Tgt Ion: 43 Resp: 5448

Ion Ratio Lower Upper

43 100

58 32.1 0.0 61.2

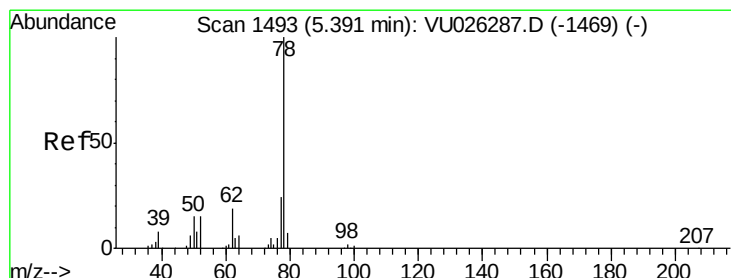
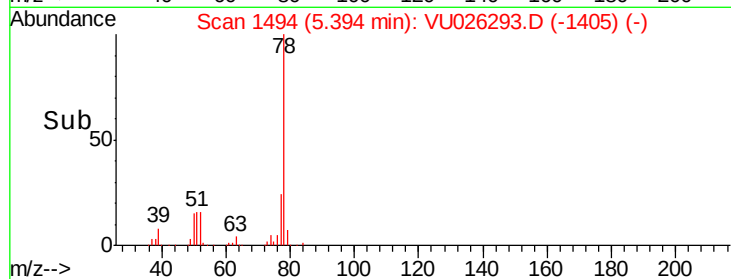
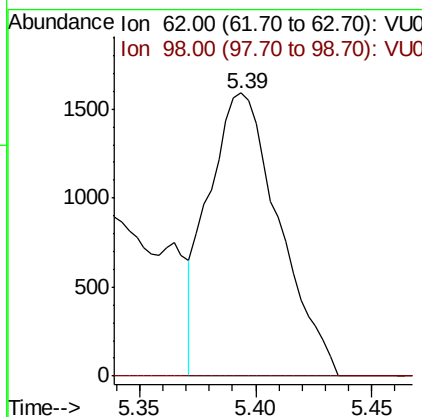
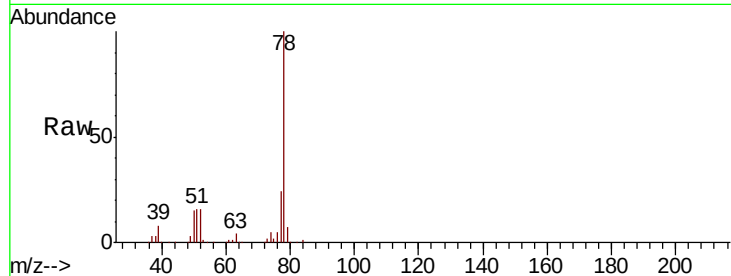




#27
 1,2-Dichloroethane
 Concen: 1.250 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: VU026293.D
 Acq: 23 Aug 2018 13:08

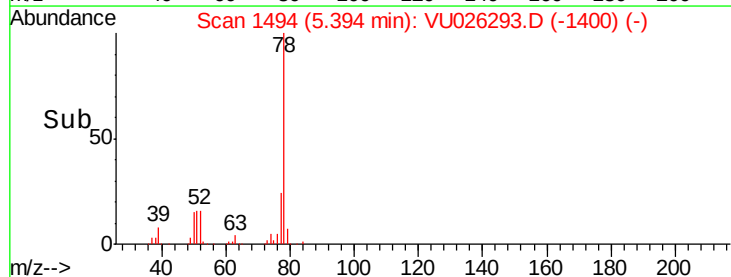
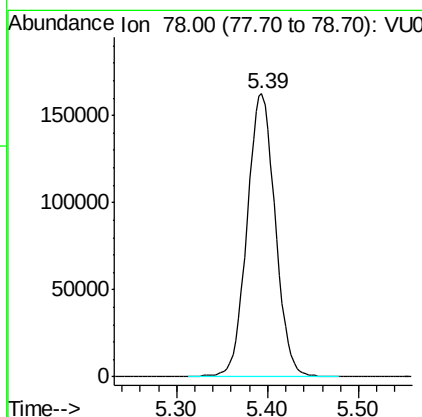
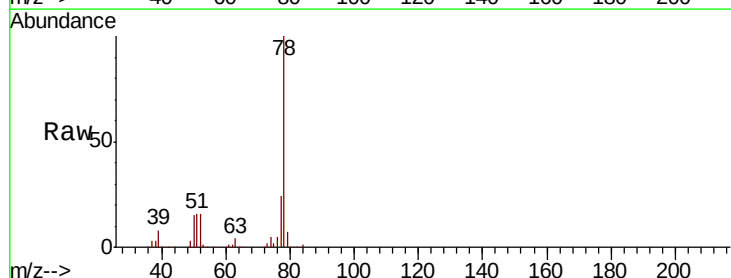
Instrument :
 MSVOA_U
 ClientSampled :

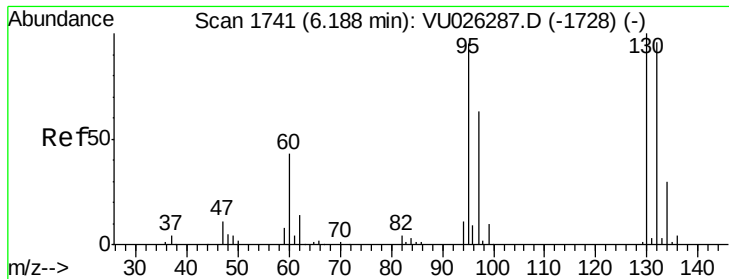
Tot Ion: 62 Resp: 3345
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#33
 Benzene
 Concen: 49.867 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU026293.D
 Acq: 23 Aug 2018 13:08

Tgt Ion: 78 Resp: 350637

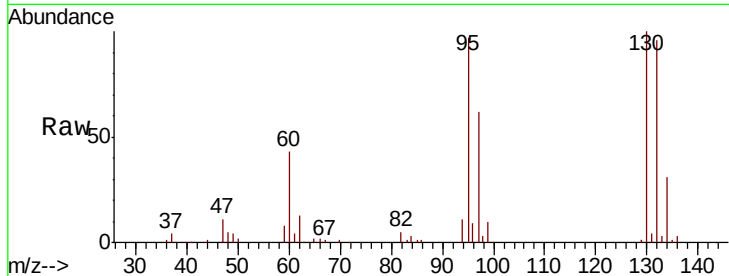




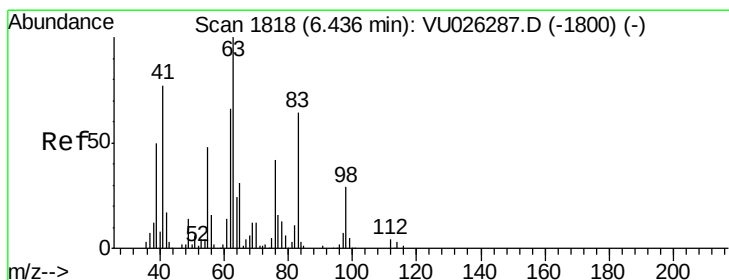
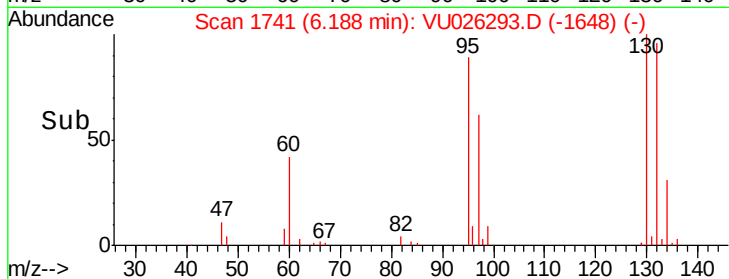
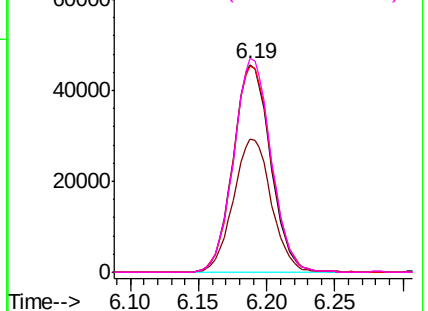
#34
 Trichloroethene
 Concen: 46.788 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026293.D
 Acq: 23 Aug 2018 13:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 86994
 Ion Ratio Lower Upper
 95 100
 97 63.8 47.2 87.6
 132 99.0 70.2 130.4
 130 102.7 73.4 136.4

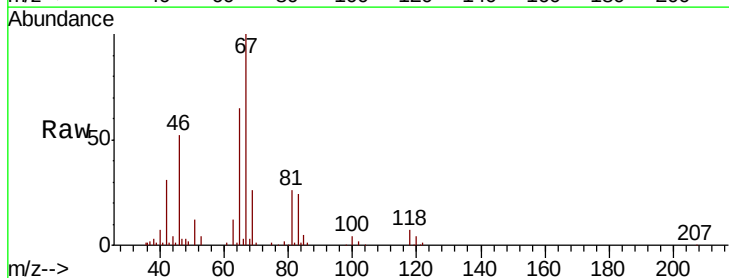


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

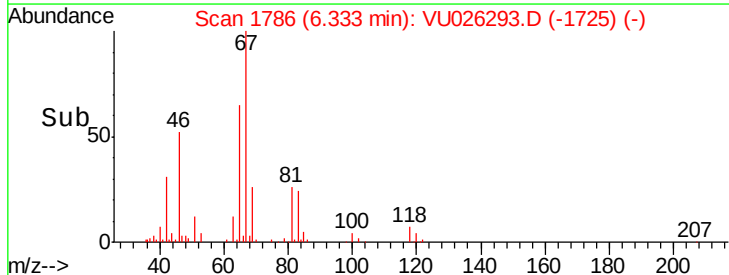
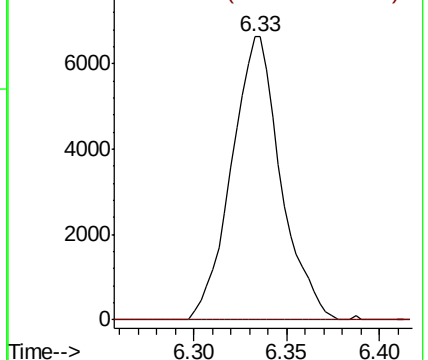


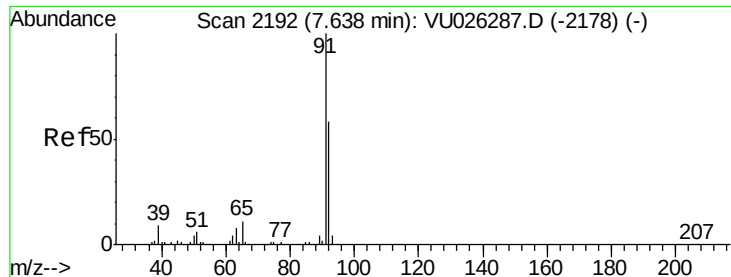
#37
 1,2-Dichloropropane
 Concen: 6.361 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026293.D
 Acq: 23 Aug 2018 13:08

Tgt Ion: 63 Resp: 12224
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



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





#42

Toluene

Concen: 49.530 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026293.D

Acq: 23 Aug 2018 13:08

Instrument :

MSVOA_U

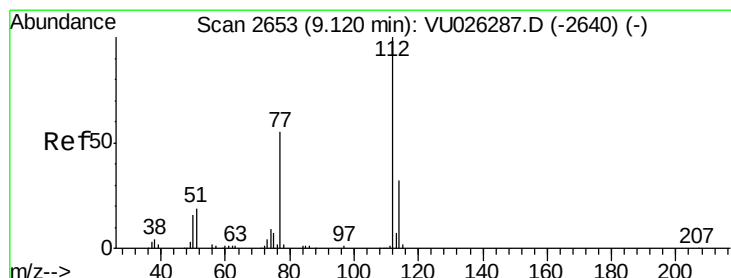
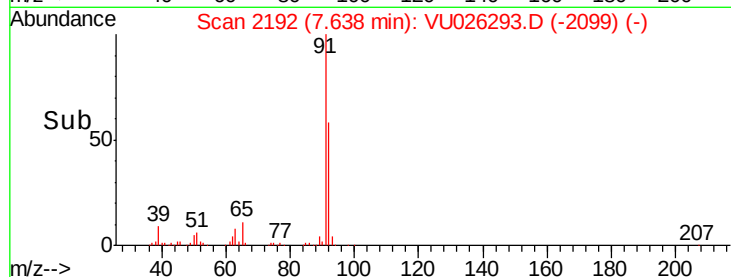
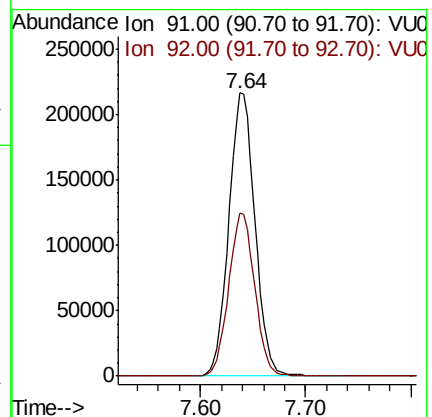
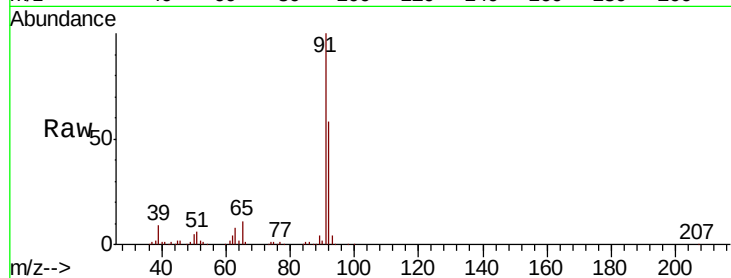
ClientSampleId :

Tot Ion: 91 Resp: 370566

Ion Ratio Lower Upper

91 100

92 57.6 39.9 74.1



#51

Chlorobenzene

Concen: 47.639 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026293.D

Acq: 23 Aug 2018 13:08

Tgt Ion: 112 Resp: 243775

Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.9

77 56.6 45.4 68.2

