

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026233.D
 Acq On : 21 Aug 2018 15:23
 Operator : MD/SY
 Sample : J4488-16DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0345DL

Quant Time: Aug 22 00:26:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 00:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	122068	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	55603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32977	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.68	69	27924	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.28	63	89076	6.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	131.80%#
20) 2-Butanone-d5	4.19	46	106587	57.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.80%
24) Chloroform-d	4.65	84	77015	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.32	65	44844	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.35	84	146736	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	49773	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.57	98	123041	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.85	79	18467	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.32	63	83130	54.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.00%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	40291	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	51615	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

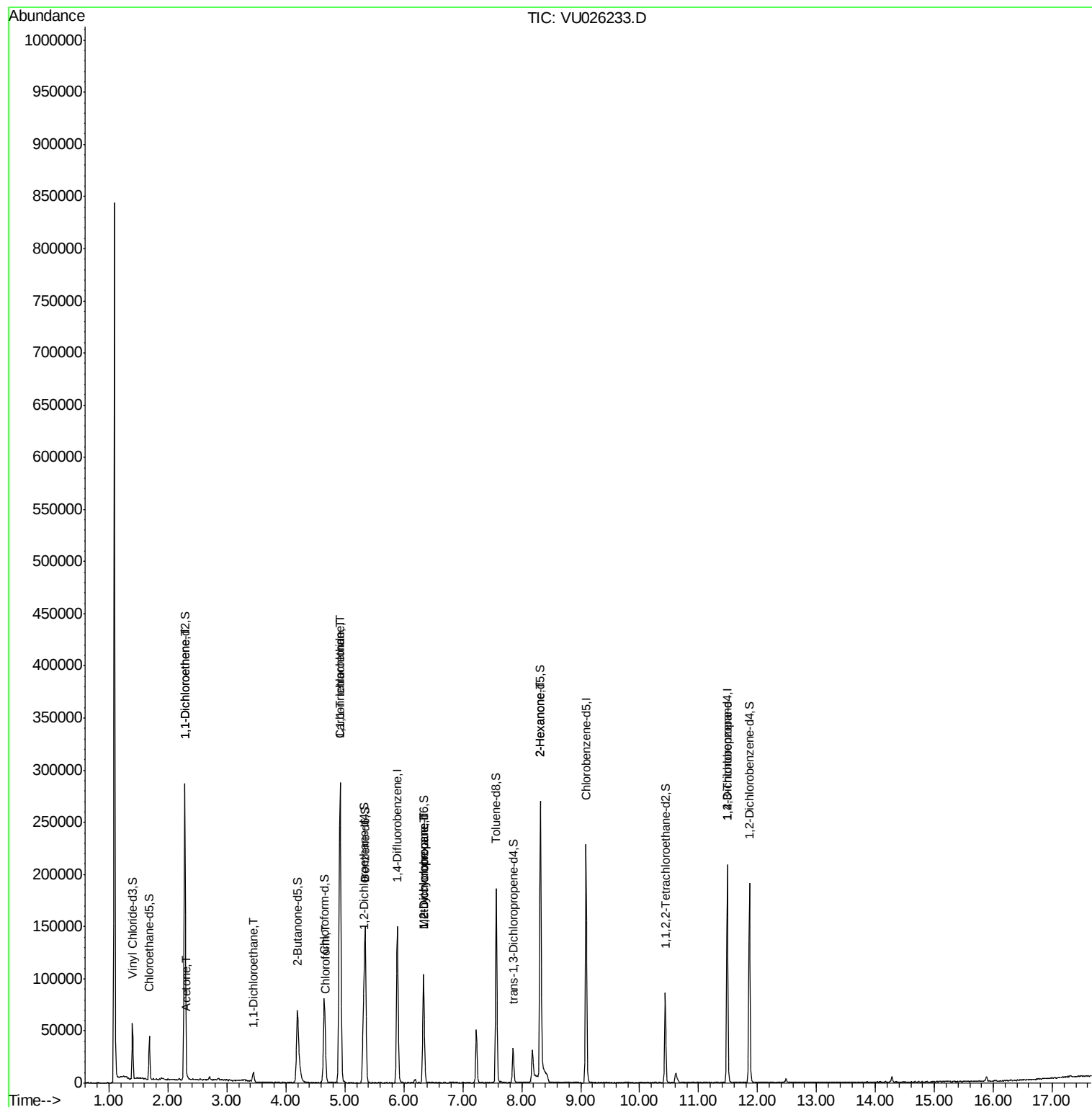
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.29	96	72580	10.229	ug/L #	84
13) Acetone	2.32	43	759	0.623	ug/L	91
19) 1,1-Dichloroethane	3.45	63	10435	0.711	ug/L	97
25) Chloroform	4.68	83	3844	0.215	ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	224558	14.030	ug/L	99
31) Carbon tetrachloride	4.92	117	29697	2.040	ug/L	100
35) Methylcyclohexane	6.34	83	12255	0.856	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	5289	0.548	ug/L #	95
48) 2-Hexanone	8.32	43	11517	3.183	ug/L #	66
59) 1,2,3-Trichloropropane	11.49	75	6198	1.063	ug/L	96

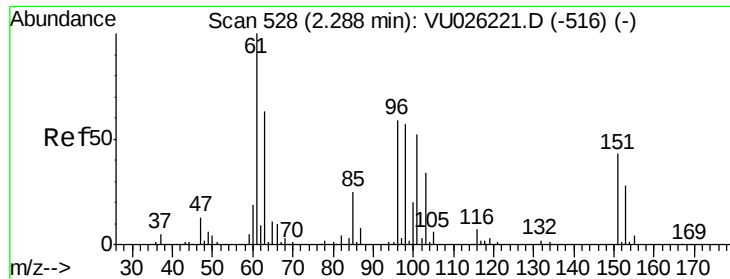
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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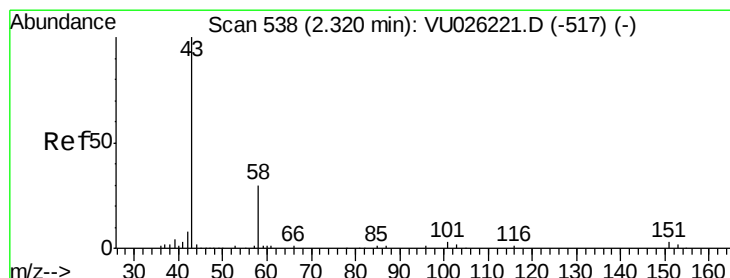
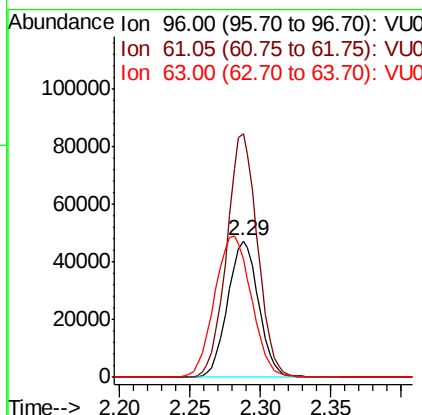
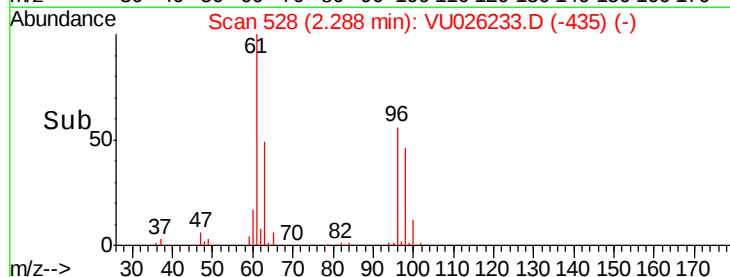
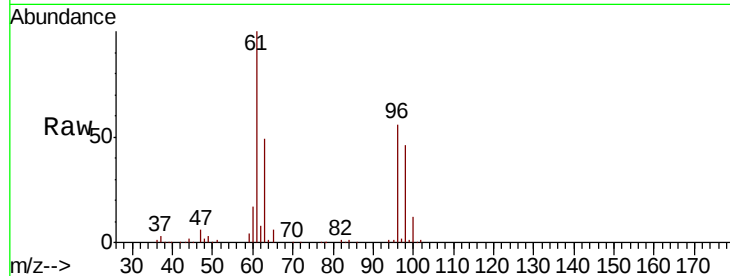




#12
 1,1-Dichloroethene
 Concen: 10.229 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026233.D
 Acq: 21 Aug 2018 15:23

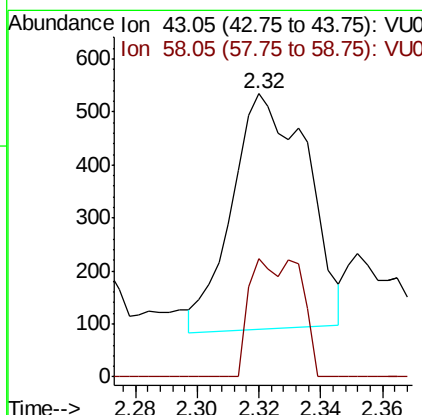
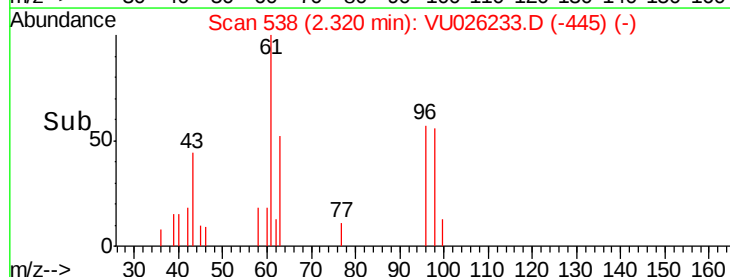
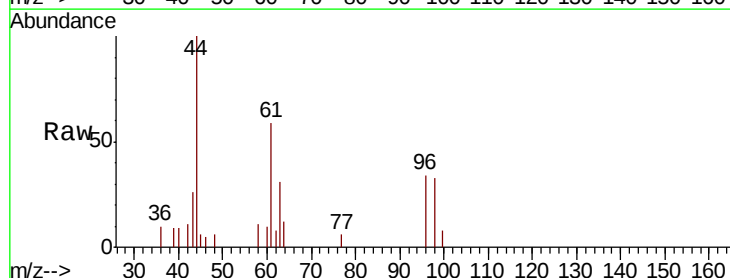
Instrument :
 MSVOA_U
 ClientSampled :
 C0345DL

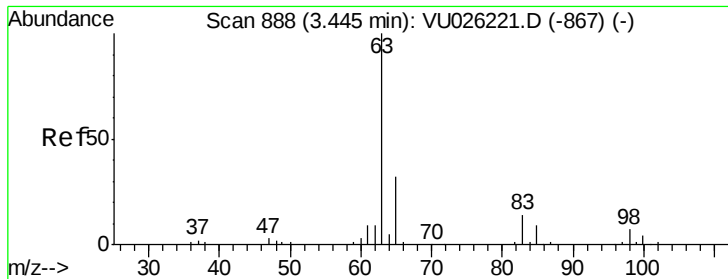
Tgt Ion: 96 Resp: 72580
 Ion Ratio Lower Upper
 96 100
 61 178.9 125.3 232.7
 63 86.9 90.9 168.9#



#13
 Acetone
 Concen: 0.623 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU026233.D
 Acq: 21 Aug 2018 15:23

Tgt Ion: 43 Resp: 759
 Ion Ratio Lower Upper
 43 100
 58 34.3 0.0 59.0

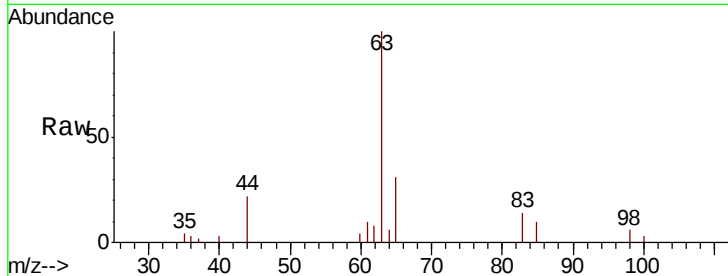




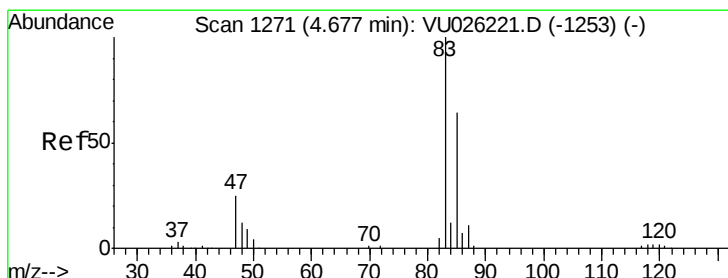
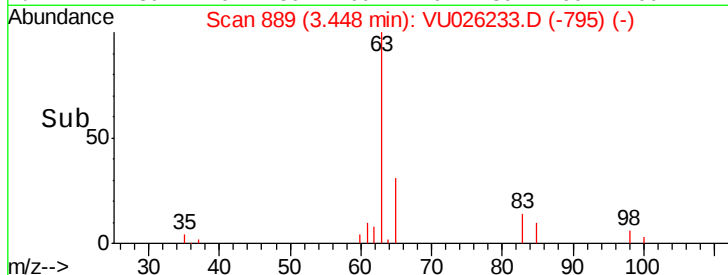
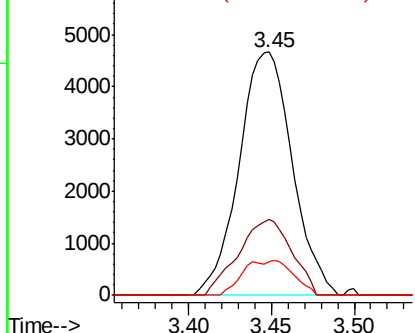
#19
 1,1-Dichloroethane
 Concen: 0.711 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU026233.D
 Acq: 21 Aug 2018 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0345DL

Tgt Ion: 63 Resp: 10435
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.2 43.0
 83 13.7 10.1 18.9

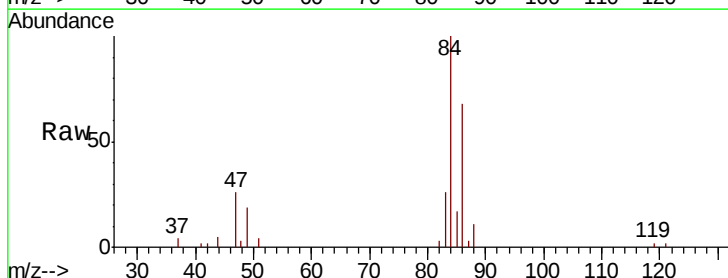


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

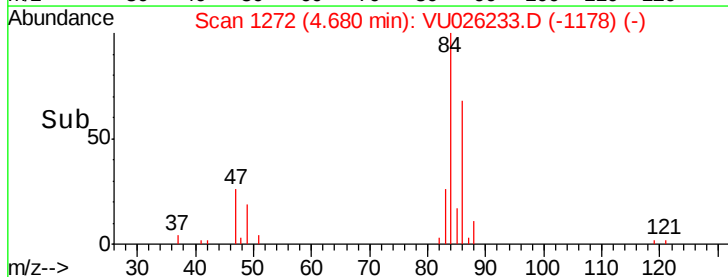
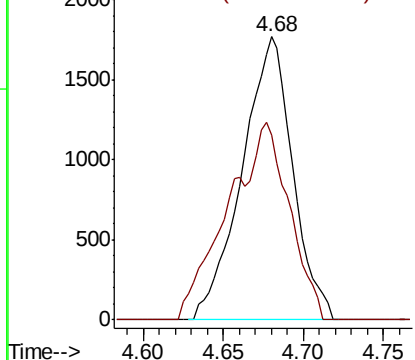


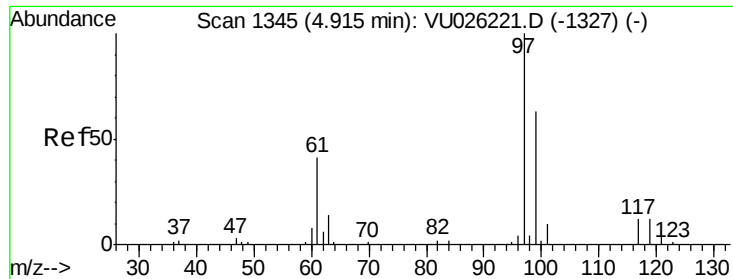
#25
 Chloroform
 Concen: 0.215 ug/L
 RT: 4.68 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VU026233.D
 Acq: 21 Aug 2018 15:23

Tgt Ion: 83 Resp: 3844
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

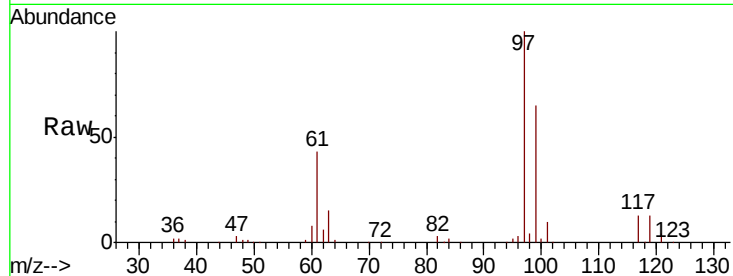




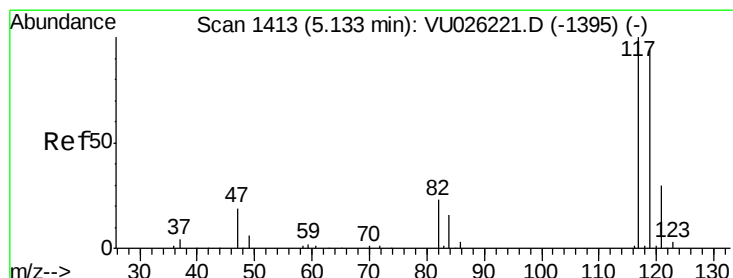
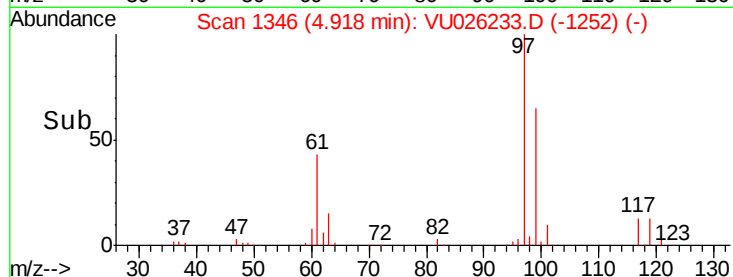
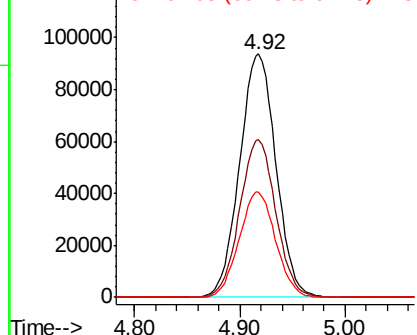
#29
 1,1,1-Trichloroethane
 Concen: 14.030 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026233.D
 Acq: 21 Aug 2018 15:23

Instrument :
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 ClientSampleId :
 C0345DL

Tgt Ion: 97 Resp: 224558
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.3 78.5
 61 43.4 35.0 52.6

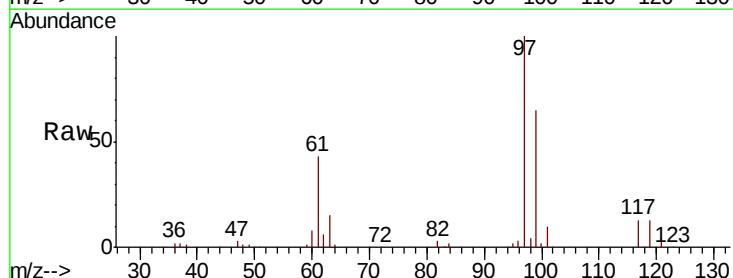


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

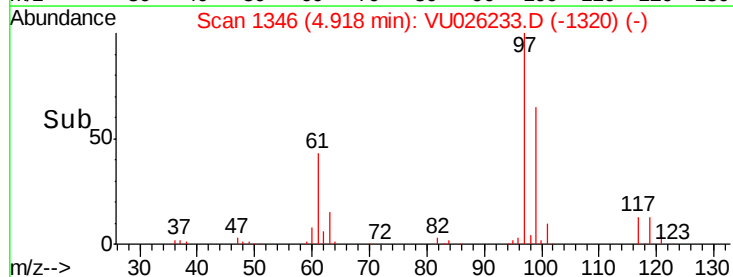
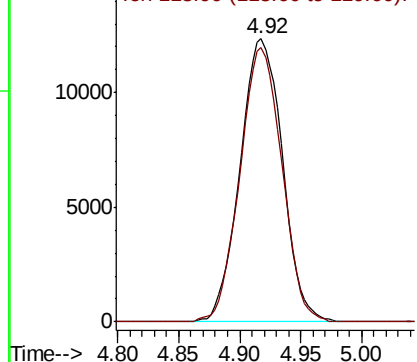


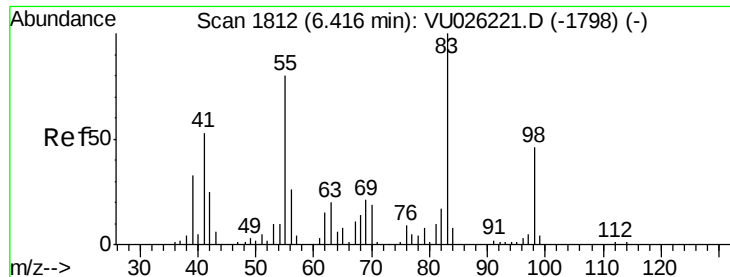
#31
 Carbon tetrachloride
 Concen: 2.040 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. -0.22 min
 Lab File: VU026233.D
 Acq: 21 Aug 2018 15:23

Tgt Ion: 117 Resp: 29697
 Ion Ratio Lower Upper
 117 100
 119 95.7 76.6 115.0



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

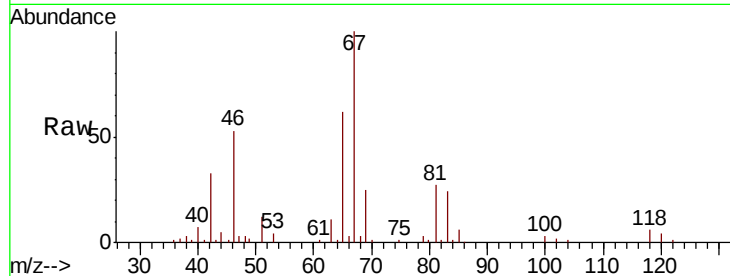




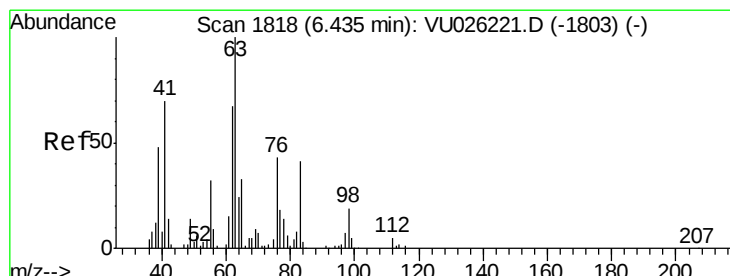
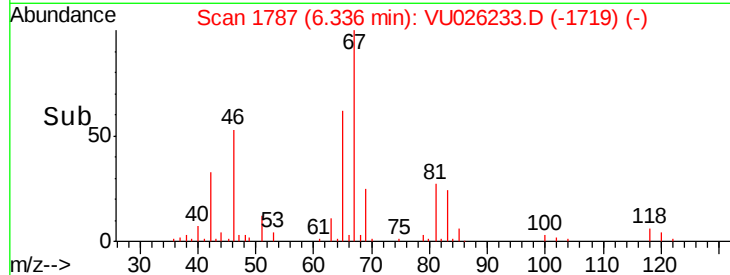
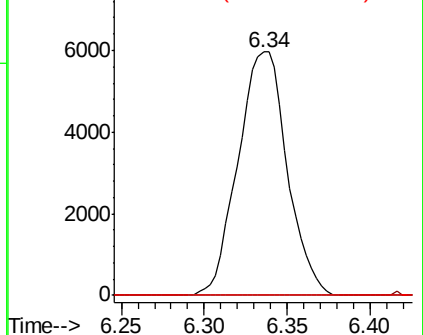
#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026233.D
Acq: 21 Aug 2018 15:23

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Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	65.0	97.4#
98	0.0	37.8	56.6#

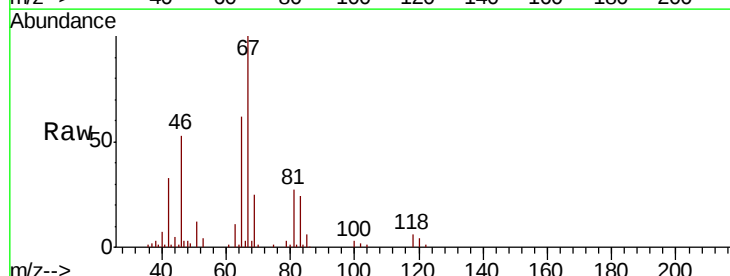


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

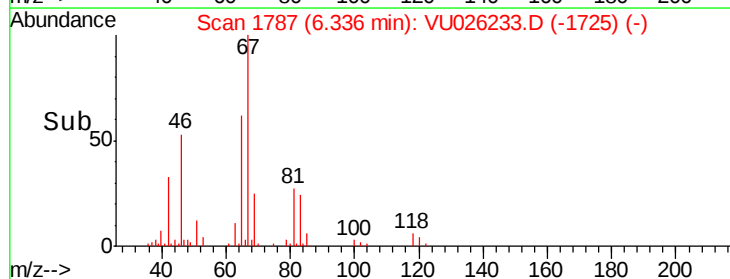
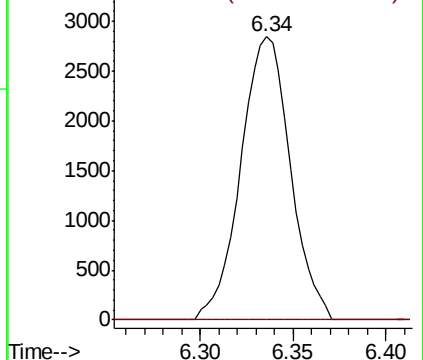


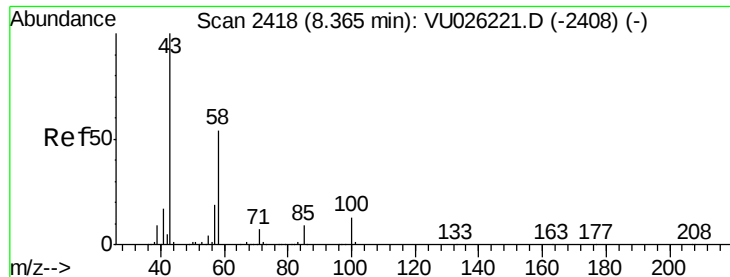
#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026233.D
Acq: 21 Aug 2018 15:23

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	1.4	2.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

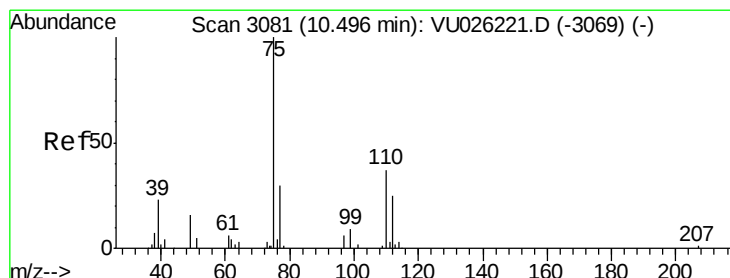
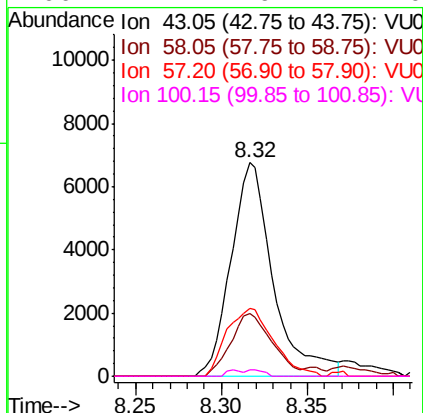
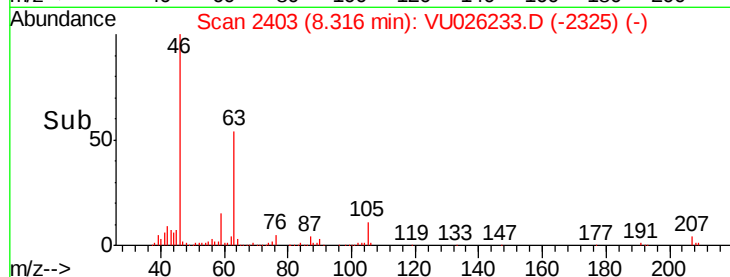
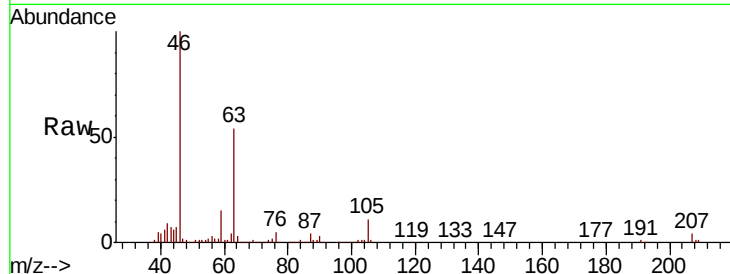




#48
 2-Hexanone
 Concen: 3.183 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU026233.D
 Acq: 21 Aug 2018 15:23

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Tgt Ion: 43 Resp: 11517
 Ion Ratio Lower Upper
 43 100
 58 28.6 43.1 64.7#
 57 34.8 15.4 23.0#
 100 1.1 9.4 14.0#



#59
 1,2,3-Trichloropropane
 Concen: 1.063 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026233.D
 Acq: 21 Aug 2018 15:23

Tgt Ion: 75 Resp: 6198
 Ion Ratio Lower Upper
 75 100
 77 38.6 29.0 43.4

