

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
 Data File : VU026225.D
 Acq On : 21 Aug 2018 12:11
 Operator : MD/SY
 Sample : J4515-21DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0364DL

Quant Time: Aug 22 00:25:11 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	133012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	134075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35185	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.68	69	29780	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.28	63	79237	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	4.19	46	110618	55.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.30%
24) Chloroform-d	4.65	84	84777	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.31	65	44888	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.35	84	157386	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.34	67	50953	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.57	98	136399	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	19317	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.32	63	86519	51.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.60%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	40335	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	58738	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

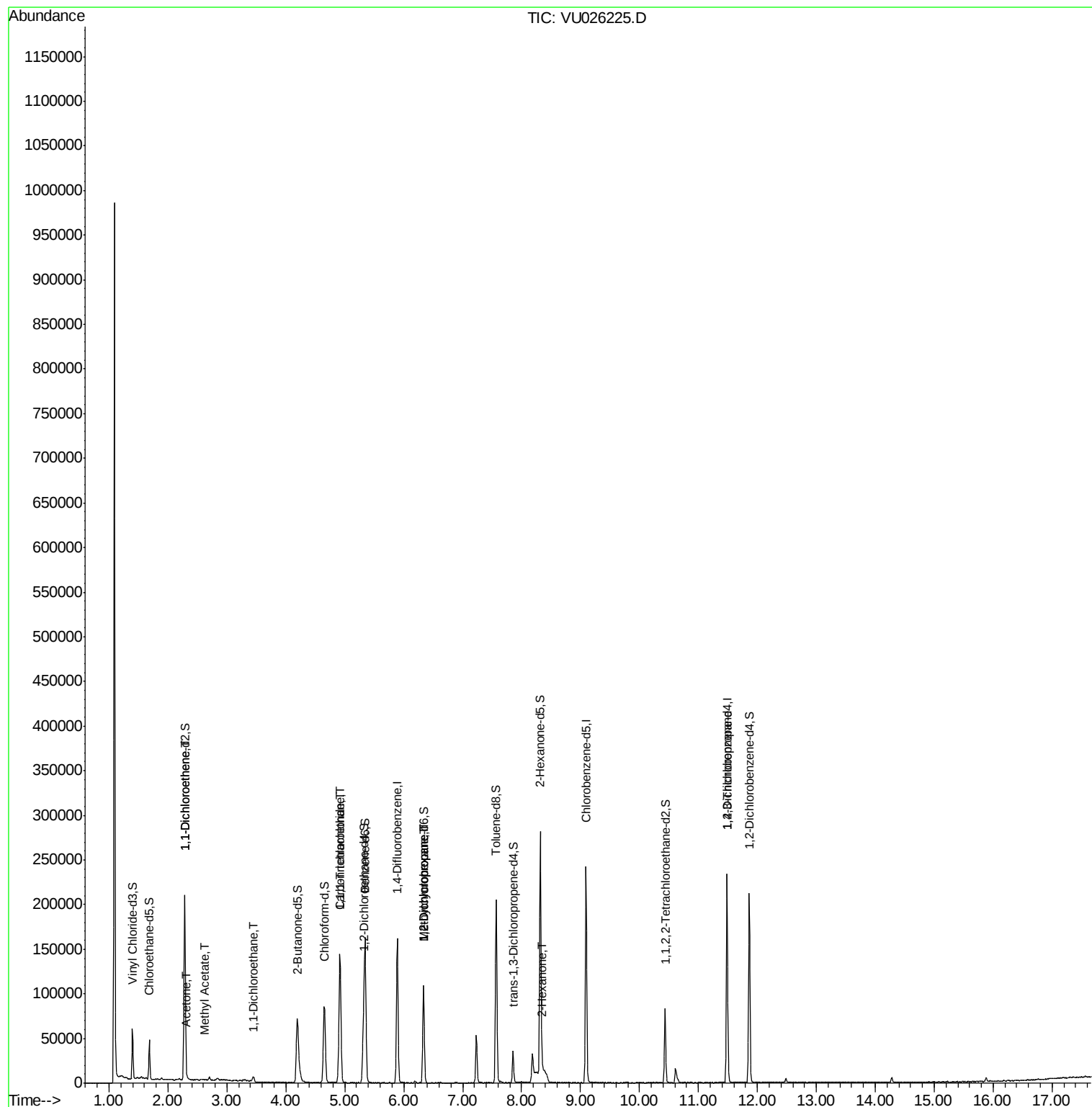
					Qvalue
12) 1,1-Dichloroethene	2.29	96	46710	6.041	ug/L 92
13) Acetone	2.32	43	1707	1.285	ug/L 73
15) Methyl Acetate	2.62	43	838	0.234	ug/L # 56
19) 1,1-Dichloroethane	3.45	63	5692	0.356	ug/L 97
29) 1,1,1-Trichloroethane	4.92	97	111733	6.434	ug/L 99
31) Carbon tetrachloride	4.91	117	14408	0.912	ug/L 94
35) Methylcyclohexane	6.33	83	11832	0.762	ug/L # 17
37) 1,2-Dichloropropane	6.34	63	5670	0.542	ug/L # 95
48) 2-Hexanone	8.36	43	1220	0.311	ug/L # 80
59) 1,2,3-Trichloropropane	11.49	75	7034	1.112	ug/L 92

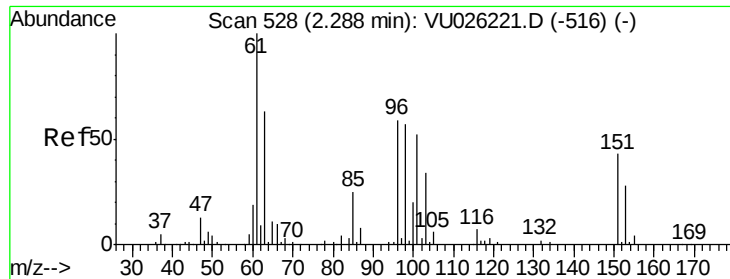
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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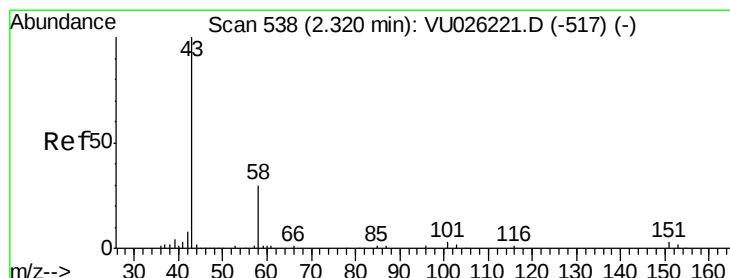
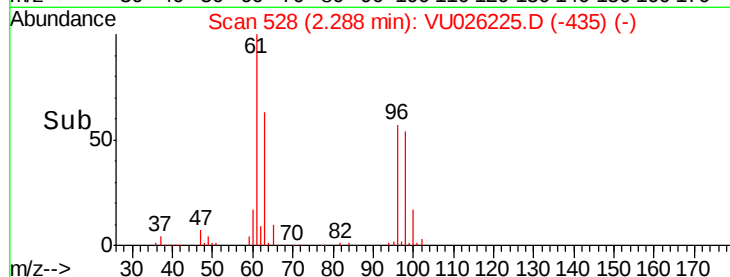
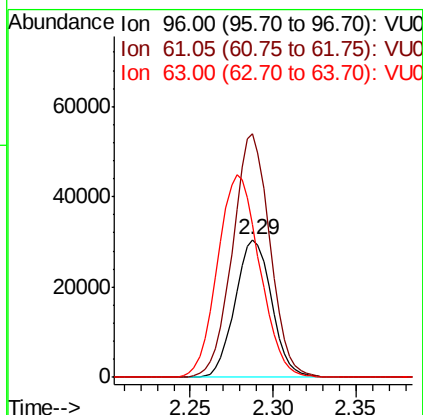
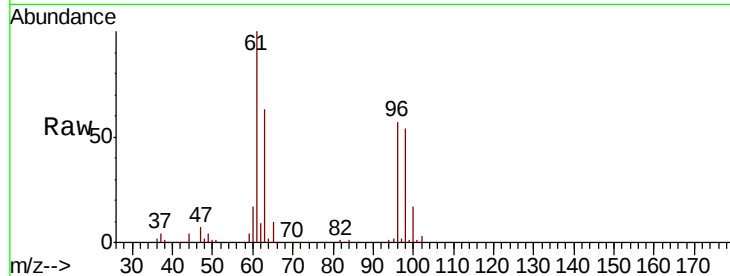




#12
 1,1-Dichloroethene
 Concen: 6.041 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026225.D
 Acq: 21 Aug 2018 12:11

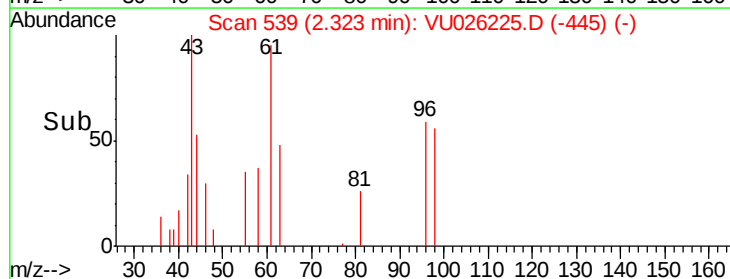
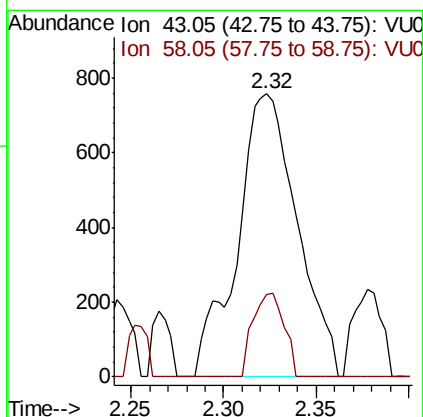
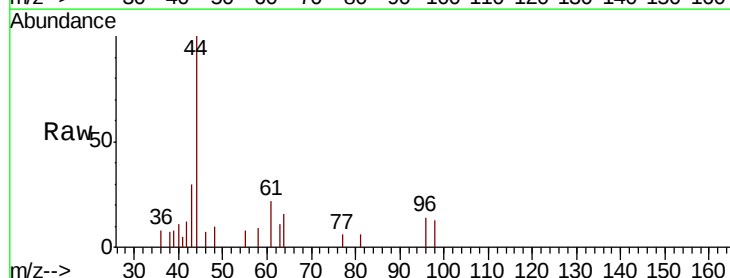
Instrument :
 MSVOA_U
 ClientSampleId :
 C0364DL

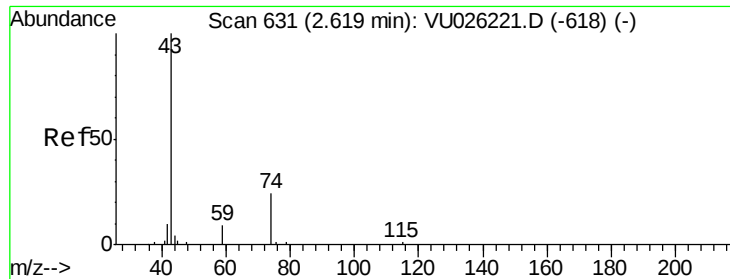
Tgt Ion	Resp	Lower	Upper
96	46710		
61	176.4	125.3	232.7
63	110.3	90.9	168.9



#13
 Acetone
 Concen: 1.285 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026225.D
 Acq: 21 Aug 2018 12:11

Tgt Ion	Resp	Lower	Upper
43	1707		
58	15.2	0.0	59.0

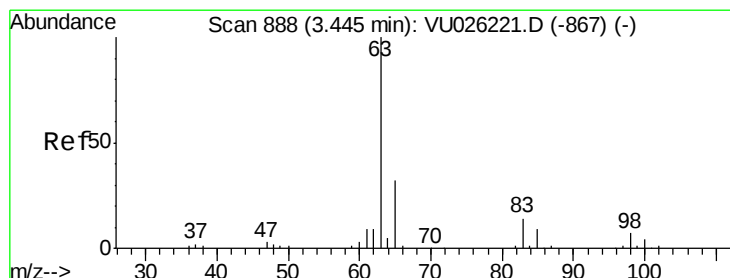
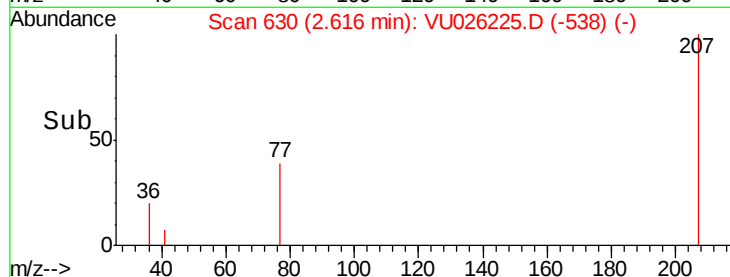
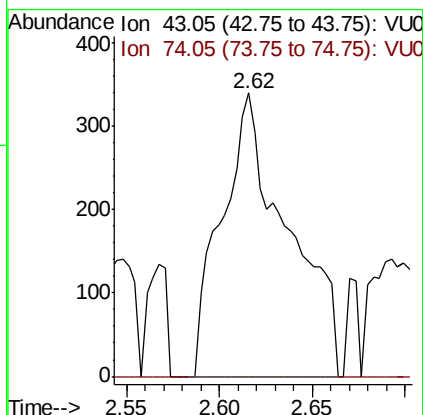
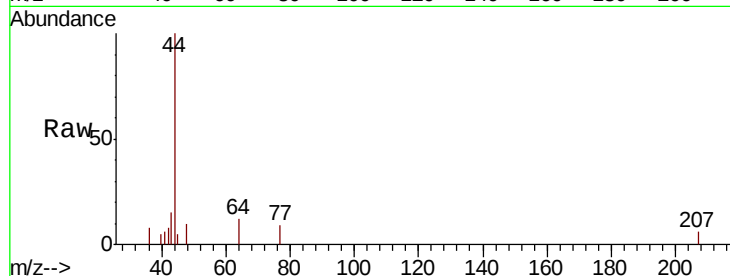




#15
Methyl Acetate
Concen: 0.234 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU026225.D
Acq: 21 Aug 2018 12:11

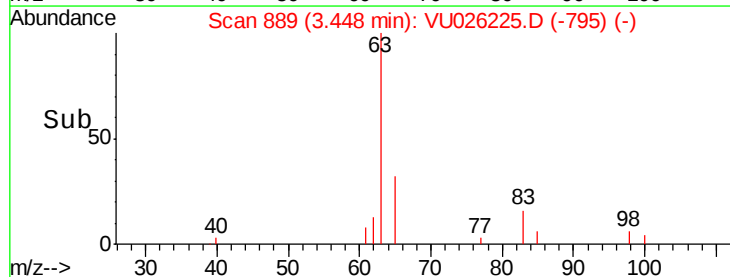
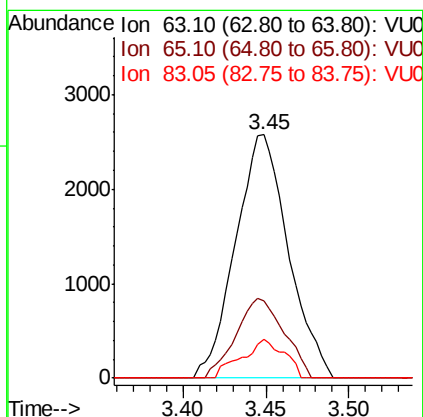
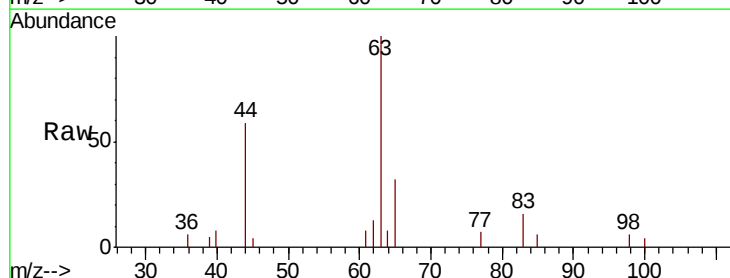
Instrument :
MSVOA_U
ClientSampleID :
C0364DL

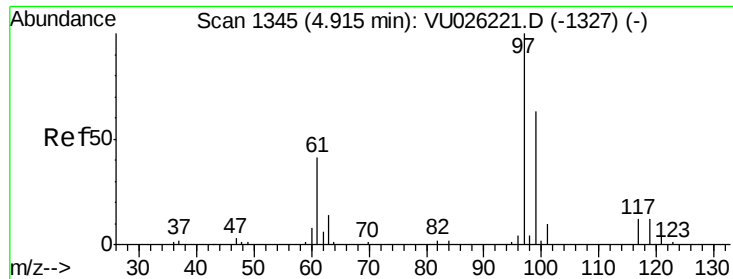
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#19
1,1-Dichloroethane
Concen: 0.356 ug/L
RT: 3.45 min Scan# 889
Delta R.T. 0.00 min
Lab File: VU026225.D
Acq: 21 Aug 2018 12:11

Tgt Ion: 63 Resp: 5692
Ion Ratio Lower Upper
63 100
65 32.0 23.2 43.0
83 16.1 10.1 18.9

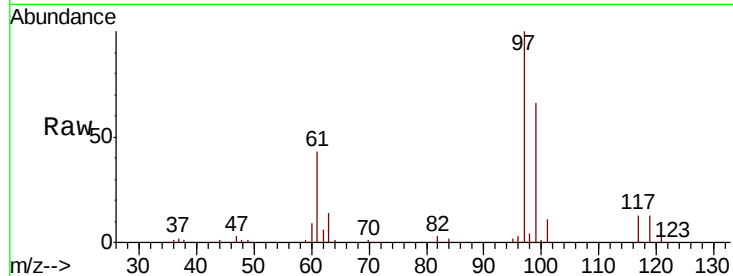




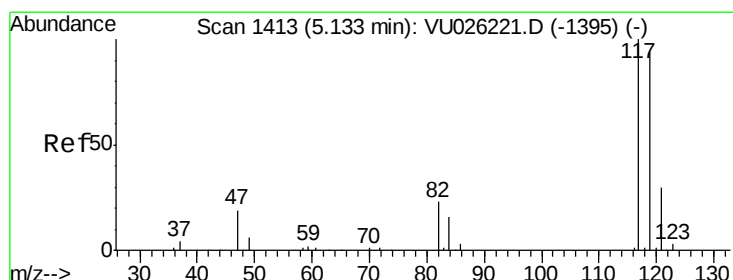
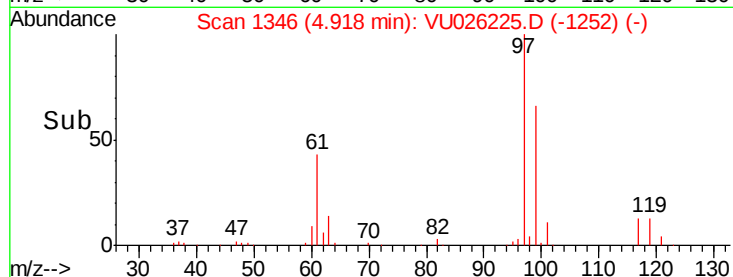
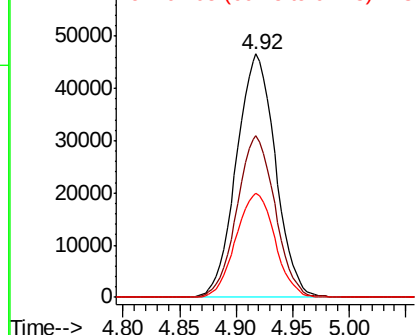
#29
 1,1,1-Trichloroethane
 Concen: 6.434 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026225.D
 Acq: 21 Aug 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0364DL

Tgt Ion: 97 Resp: 111733
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.3 78.5
 61 42.8 35.0 52.6

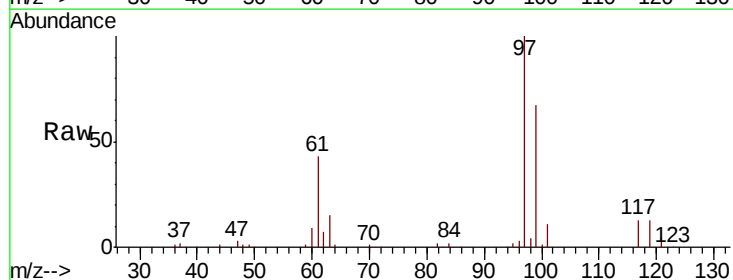


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

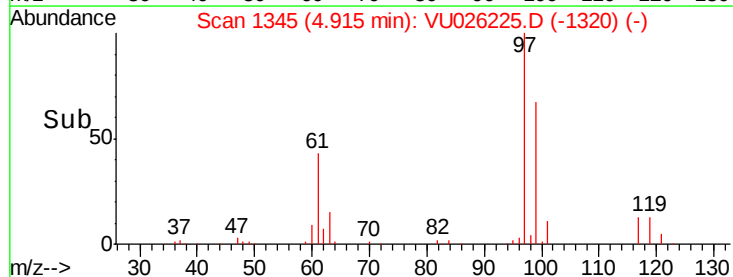
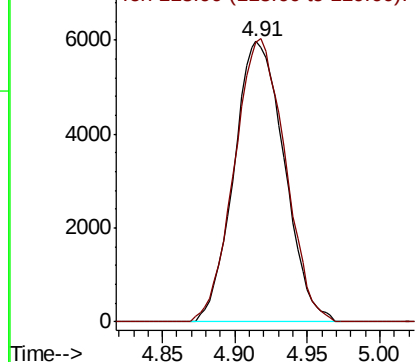


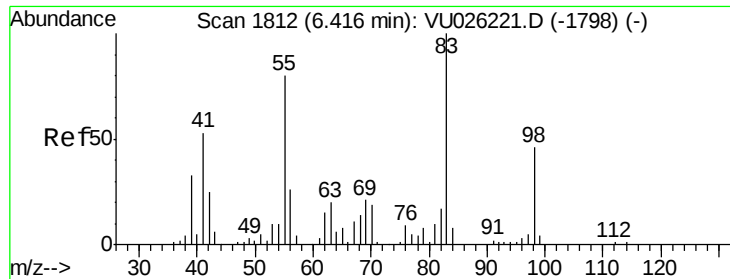
#31
 Carbon tetrachloride
 Concen: 0.912 ug/L
 RT: 4.91 min Scan# 1345
 Delta R.T. -0.22 min
 Lab File: VU026225.D
 Acq: 21 Aug 2018 12:11

Tgt Ion: 117 Resp: 14408
 Ion Ratio Lower Upper
 117 100
 119 101.6 76.6 115.0



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

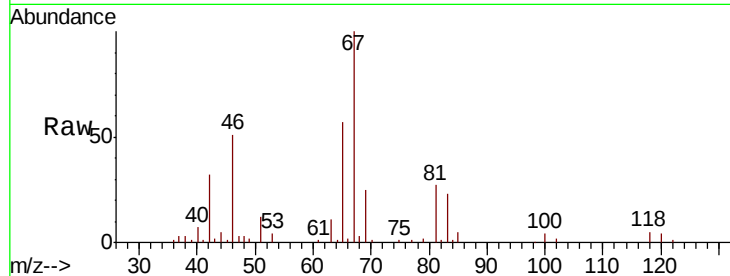




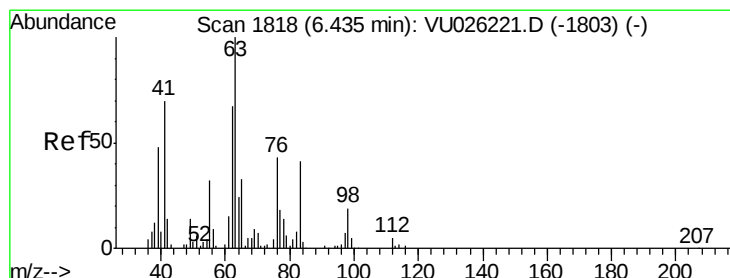
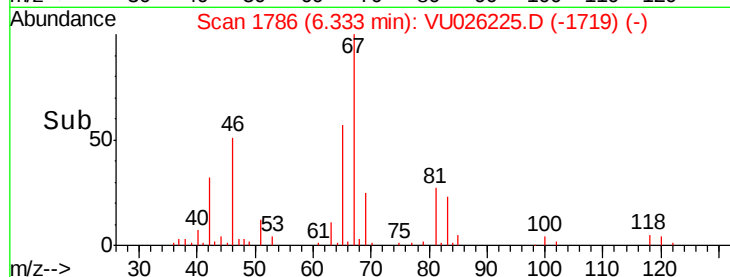
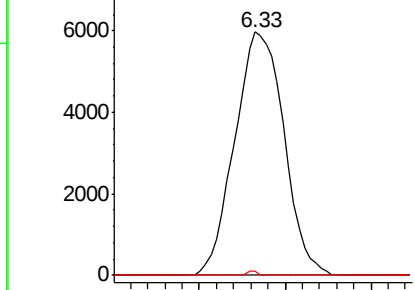
#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026225.D
Acq: 21 Aug 2018 12:11

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Tgt Ion: 83 Resp: 11832
Ion Ratio Lower Upper
83 100
55 0.0 65.0 97.4#
98 0.4 37.8 56.6#

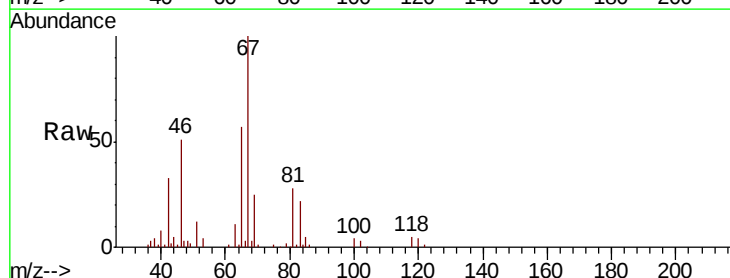


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

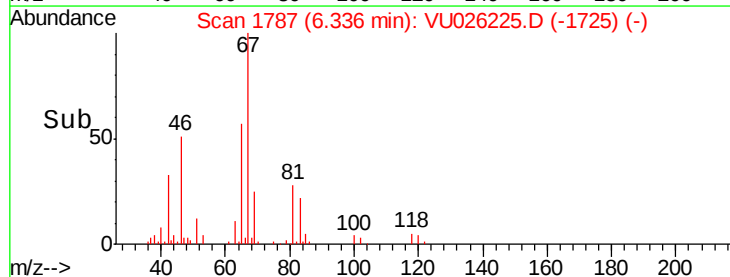
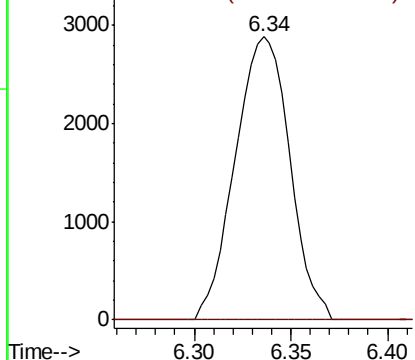


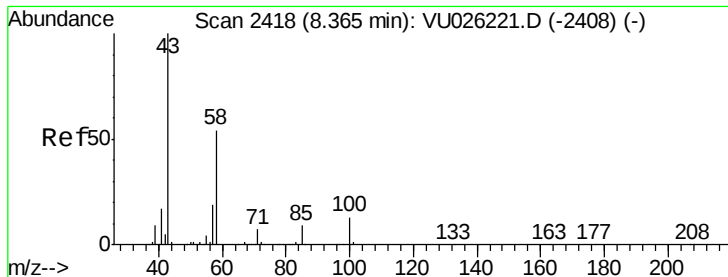
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026225.D
Acq: 21 Aug 2018 12:11

Tgt Ion: 63 Resp: 5670
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

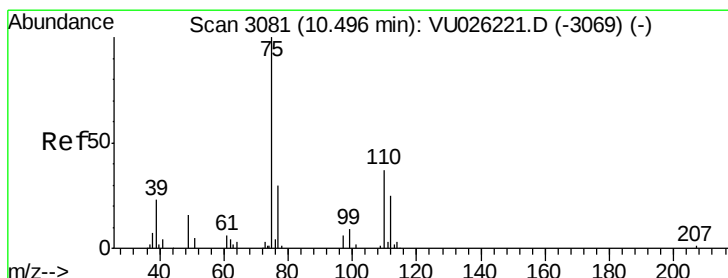
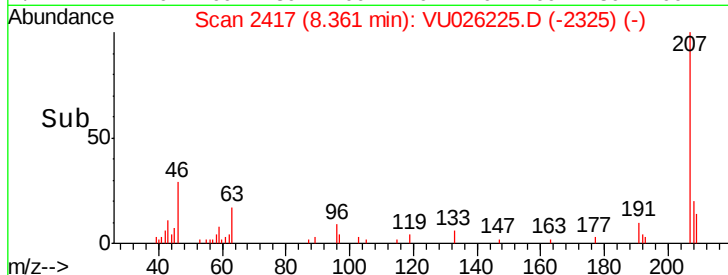
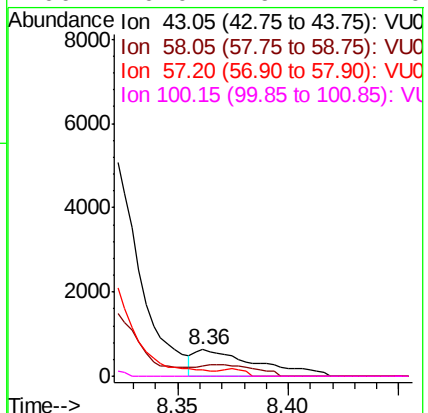
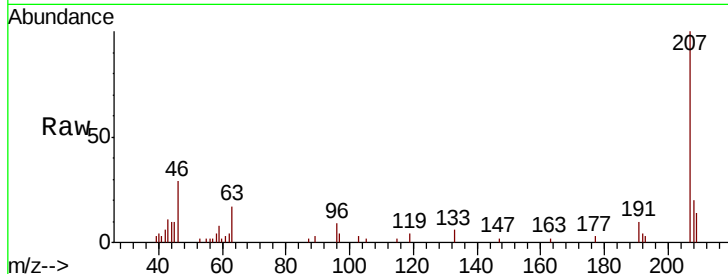




#48
2-Hexanone
Concen: 0.311 ug/L
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU026225.D
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Tgt Ion:	43	Resp:	1220
Ion	Ratio	Lower	Upper
43	100		
58	40.7	43.1	64.7#
57	11.7	15.4	23.0#
100	0.0	9.4	14.0#



#59
1,2,3-Trichloropropane
Concen: 1.112 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026225.D
Acq: 21 Aug 2018 12:11

Tgt Ion:	75	Resp:	7034
Ion	Ratio	Lower	Upper
75	100		
77	41.1	29.0	43.4

